NI 43-101 TECHNICAL REPORT

WILLBOB PROJECT

NTS Sheets 24F06, 24F07, 24F11, 24F13, 24F14, 24F12 and 24K044
Labrador Trough, Québec, Canada

Prepared for :

32 Boul. Labelle #220,
Rosemère, Québec
Canada, J7A 2H1



Prepared by:

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Effective Date: 2026-04-20

Report Date: 2026-09-24

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SIGNATURE – Geneviève Boudrias, géologue Inc.

NI 43-101 Technical Report

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Prepared for:

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Canada, J7A 2H1

Signed in Montréal, September 24, 2026



Geneviève Boudrias, P. Geo., M.Sc., OGQ # 608
Geneviève Boudrias, géologue Inc.

STATEMENT OF QUALIFICATIONS

I, **Geneviève Boudrias**, P.Geo., M.Sc. do hereby declare that:

1. I am a consultant geologist (Geneviève Boudrias, géologue inc.) domiciled at the following address: 5628, Av. Wilderton, Montréal, Québec, H3T 1R9, Canada.

2. I possess the following degrees: a Bachelor`s of Geology (P. Geo) from the Université du Québec à Montréal (1998) and a Master`s of Earth Science (M.Sc.) with a specialization in Geology from the Université du Québec à Montréal (2002)

3. I have been working in the field of geology since 1996.

4. I am an active professional member of the *Ordre des Géologues du Québec* (OGQ, #608) and member of the Association de l'Exploration Minière du Québec (AEMQ).

5. I am responsible for the writing of this report entitled: "NI 43-101 Technical Report on the Willbob Project, Labrador Trough, Quebec" dated 2026-09-10.

6. I have read the definition of "Qualified person" set out in NI 43-101 – Standard of Disclosure for Mineral Projects ("NI 43-101") and certify that, by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for purpose of NI 43-101.

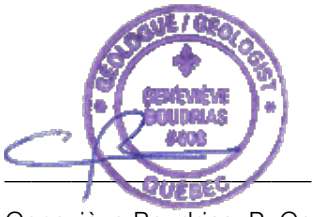
7. I visited Willbob site between June 6th and June 14th, 2026.

8. I am not aware of any material facts or material changes with respect to the subject matter of this report which is not reflected in the report that would mislead the reader.

9. I have no interest, direct or indirect, in property and I am independent of the issuer.

10. As of the effective date of the Technical Report and the date of this certificate, to the best of knowledge, information and belief, this Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Signed in Montréal on September 24, 2026



Geneviève Boudrias, P. Geo, M.Sc., OGQ # 608
Presidente
Geneviève Boudrias, géologue Inc.

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On demand:

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1 SUMMARY (ITEM 1)

1.1 Introduction

Geneviève Boudrias, géologue Inc. has been retained by Midland Exploration ("Midland") in April 2026 to complete a Technical Report preparing in accordance with National Instrument 43-101 – Standards of Disclosure for Mineral Projects (NI 43-101) pertaining to the Willbob Project ("the Property") located in Nunavik region, Province of Québec. Geneviève Boudrias, géologue Inc. is an independent exploration consulting firm based in Montréal, Province of Québec.

The report, prepared in accordance with NI 43-101 standards, reviews and validates available geological data and summarizes both historical and recent exploration work. The report is based on publicly available information from the Québec Ministry of Natural Resources and Forests and data provided by Midland Exploration, with no confidential information relied upon.

1.2 Property Description and Location

The Willbob Project is in the Nunavik region of northern Québec, approximately 85 km west of Kuujjuaq, which is accessible only by air. The property lies within the Nord-du-Québec administrative region, under the Kativik Regional Administration and the Koksoak River Municipality.

The Property is divided into seven (7) blocks, from north to south: Koksoak, Wayne, Stars, Ants, Kan-Canyon, Didgeridoo-NAK and Oops.

The project, comprising 745 claims covering 34,312 ha approximately 70 km southwest of Kuujjuaq, Québec, is at an early stage of exploration.

The newly acquired Kan Project is subject to a 2% Net Smelter Return ("NSR") royalty in favor of Ressources Tectonic.

Accessibility, Climate, Local resources, Infrastructure and Physiography

The property has no permanent infrastructure and is not accessible by road. Access is primarily by helicopter throughout the year, while floatplanes and boats may be used seasonally in areas with suitable water access. Kuujjuaq serves as the principal logistical support center, providing year-round commercial air service, accommodations, fuel, supplies, communications, medical services, and helicopter charter facilities.

The project area lies within a subarctic climatic zone characterized by long, cold winters and short, cool summers. Snow cover typically persists from October through May, and weather conditions can change rapidly. Exploration activities are generally conducted between early June and mid-October, although helicopter-supported operations may be undertaken year-round.

The physiography consists of gently rolling, glaciated terrain typical of the eastern Canadian Shield. The landscape is characterized by low bedrock hills and ridges, numerous lakes, wetlands, and broad valleys. Elevations generally range from 75 to 300 m above sea level, with drainage controlled by the Koksoak and Caniapiscau river systems, which ultimately discharge into Ungava Bay. Vegetation ranges from boreal forest south of the Koksoak River to shrub tundra and lichen-dominated communities to the north.

1.3 History

Geological exploration in the Koksoak River region began in 1893, when early surveys recognized the area's significant iron potential. Systematic mineral exploration expanded from iron ore in the late 1920s to base metals during the 1950s–1970s, leading to the discovery of numerous deposits. Exploration in the 1980s and 1990s focused on platinum-group elements (PGEs) and iron formation-hosted gold, while the 2000s emphasized PGE-bearing intrusions and orogenic gold systems. More recently, exploration has targeted sediment-hosted Au-As mineralization in black shales and structurally controlled gold associated with diorite and quartz gabbro intrusions.

The first major exploration campaign in the area took place between 1945 and 1956, during which several companies conducted mineral exploration alongside regional geological mapping by the Québec Government. Since 1956, a total of 222 diamond drill holes, totaling approximately 32,300 m, have been completed on or near the Willbob Project.

Following the acquisition of the former Virginia Gold property north of the Koksoak River, Midland renamed the project Willbob and initiated systematic exploration across numerous gold showings.

From 2014 to 2025, Midland's exploration has identified **more than 25 gold showings** across the Willbob Project. Work has progressively advanced from reconnaissance prospecting to drilling, with the **Ants, Didgeridoo, Golden Tooth, Sunshine, Lafrance and Canyon** areas emerging as the principal targets for further exploration.

1.4 Geology

The Labrador Trough is a Paleoproterozoic volcano-sedimentary belt that extends for approximately 1,100 km along the eastern margin of the Superior Province, from northern Québec into Labrador. It forms the western part of the New Quebec Orogen, within the Southeastern Churchill Province, and developed between approximately 2.17 and 1.87 Ga during the opening, sedimentation, volcanism, and subsequent closure of an oceanic basin.

The stratigraphy of the Labrador Trough consists of a thick succession of continental to marine sedimentary and volcanic rocks unconformably overlying Archean basement. The sequence includes quartzites, conglomerates, pelitic rocks, dolomites, iron formations, mafic volcanic rocks, and local felsic volcanic units. These rocks were deposited in evolving rift and passive-margin environments before being deformed and metamorphosed during the Trans-Hudson Orogeny.

During the New Quebec Orogeny (ca. 1.83–1.80 Ga), the Labrador Trough underwent intense compression, producing regional folding, thrust faulting, and major NNW–SSE-trending shear zones. Metamorphic grade generally increases eastward from greenschist facies near the Superior Province to amphibolite and locally granulite facies toward the Core Zone.

The Labrador Trough is internationally recognized for its extensive iron formation-hosted iron ore deposits, but it also hosts significant gold, copper, nickel, cobalt, zinc, and platinum-group element (PGE) mineralization. Gold mineralization is commonly associated with shear zones, quartz-carbonate vein systems, iron formations, and structurally controlled alteration zones developed during the orogenic deformation. Numerous gold occurrences, including those on the Willbob Project, are spatially related to major regional structures and favorable lithological contacts within the western part of the orogen.

The combination of a long-lived tectonic history, diverse lithological assemblages, and regional-scale deformation has made the Labrador Trough one of Canada's most prospective Paleoproterozoic metallogenic belts for both iron ore and orogenic gold exploration.

1.4.1 Mineralization

The Labrador Trough hosts mineral deposits typical of a Paleoproterozoic volcano-sedimentary belt formed along the margin of an eroded Archean continent following crustal rifting. It also contains epigenetic mineralization related to hydrothermal fluid circulation during tectonometamorphic events associated with orogeny, with deposit types comparable to those found in Paleoproterozoic terranes worldwide. According to Richard (2024), the Willbob Project contains approximately 40 gold showings, more than 30 of which were discovered by Midland since 2014. Most are associated with quartz veins hosted in ankerite–chlorite–albite alteration zones within diorite or gabbro, commonly accompanied by pyrrhotite and/or arsenopyrite, with pyrrhotite showing the strongest correlation with high gold grades. Additional gold showings, identified by Osisko between 2013 and 2017, occur in quartz veins cutting carbonate-altered iron formations (e.g., BOMT, Canyon, and Oops). Gold mineralization is also present in volcanogenic massive sulfide (VMS) occurrences, such as the Stars showing.

1.5 Deposit types

Although Labrador Trough is primarily known for iron, VMS, black shale-hosted, and Ni-Cu-PGE deposits, it also has strong potential for orogenic gold mineralization. Favorable geological features include abundant iron-rich host rocks, greenschist-facies metamorphism, polyphase deformation, major crustal-scale structures, and syn-orogenic conglomerates (Richard, 2024, 2025). Orogenic gold is mainly hosted in quartz veins within silicate-carbonate iron formations or differentiated gabbroic intrusions, with mineralization ranging from Au-only to Au-As and polymetallic Au-Ag-Cu-Pb-Zn assemblages (Trépanier et al., 2026).

According to Trépanier et al. (2026), several gold occurrences in the Labrador Trough are hosted in silicate-carbonate iron formations at the contact with metalliferous black shales. The Pump Pad Ridge prospect is a notable example and shares key geological characteristics with the world-class Homestake gold deposit (USA), including a Paleoproterozoic silicate-carbonate iron formation and structurally controlled gold mineralization related to late-stage folding.

1.6 Exploration and Drilling

Since acquiring the Willbob Project in 2014, Midland has conducted multiple prospecting campaigns across its various EER (formerly “claim”) blocks. The most recent exploration programs, completed in 2024 and 2025, focused on prospecting and soil sampling in the NAK area, Didgeridoo block, Jemina showing, and Ants North sector.

The last drilling campaign executed by Midland was in 2019. A total of eleven (11) holes were drilled (WB-19-23 @ WB-19-33) on Ants and Stars showings. The best results are:

- Ants (ddh): 1.81 g/t Au over 12.06 m, including 2.99 g/t Au over 4.56 m in hole WB-19-33 and 2.09 g/t Au over 6.01 m, including 4.05 g/t Au over 2.50 m in hole WB-19-26.
- Stars (ddh): 0.13% Cu / 3.30 m, 0.154 g/t Au, 0.16% Cu over 1.25 m.

1.7 Conclusion

Exploration has identified several high-priority targets across the property. The Ants showing remains one of the primary focuses, where drilling and channel sampling have confirmed continuous gold mineralization from

surface to depth. The Didgeridoo showing also warrants additional drilling following the delineation of a broad gold-mineralized interval.

The Kan-Canyon and Didgeridoo-NAK areas have returned encouraging high-grade gold results and should be advanced through geological mapping, channel sampling, geophysical surveys, and trenching to generate new drill targets. In addition, several underexplored showings, including Golden Tooth, Lafrance, Polar Bear, Sunshine, Wayne, Alias, and Kuurrok, offer further discovery opportunities and should be evaluated through continued prospecting, mapping, structural analysis, and targeted sampling.

These exploration priorities provide a strong pipeline of targets to support future drilling and continued evaluation of the property's gold potential.

2 INTRODUCTION (ITEM 2)

On April 20, 2026, Midland Exploration Inc. (TSX Venture Exchange: "MD" or the "Issuer"), of Rosemère, Québec, commissioned Geneviève Boudrias, M.Sc., Geo. (the "author") and President of Geneviève Boudrias, géologue Inc., to prepare a technical report reviewing and validating all available information pertaining to the Willbob gold Project. The report has been prepared in accordance with the Canadian Securities Administrators' National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101") and the associated Form 43-101F1.

The Willbob Project (the "Property" or the "Willbob Project") is wholly owned by Midland Exploration Inc.

This report summarizes the current exploration status of the Property and reviews historical and recent exploration work completed on the Project. Given the scope of the project, some areas are an active exploration property, but a large portion remains in the grassroots phase. There are no historical estimates about the Property.

2.1 UL ECOLOGO® Certification

In December 2023, Midland obtained UL 2723 ECOLOGO® Certification for Mineral Exploration Companies. This comprehensive certification is the first certification for mineral exploration companies to consider the identification, management, and application of the best environmental, social, and economic practices.

Midland goal is to create long-term value in the mining exploration industry. The Company works in collaboration with all stakeholders to ensure that the principles of transparency and responsibility are respected in all activities. The certification confirms Midland ability to have better relationships with its stakeholders, contributing to the social acceptability of their projects. Additionally, being certified allows Midland to be prepared for possible future changes to the legislation.

For the certification to be granted, companies are evaluated on the following requirements:

- Legal Requirements
- Compliance with Sustainable Design principles along the value chain
- Environmental Quality
- Quality of Life
- Local Investment
- Work Environment
- Business Ethics
- Transparency and Reporting
- Innovation
- Economic Efficiency



2.2 Report responsibility and Qualified Person

This Technical Report was prepared by Geneviève Boudrias, M.Sc., Geo., of Montréal, Québec. Ms. Boudrias is an independent Qualified Person ("QP"), as defined under National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101"), and is responsible for all sections of this Technical Report.

2.3 Terms of reference

The Property comprises 745 claims totaling 34 312.24 ha (343.12 km^2), situated 70 km southwest of the town of Kuujjuaq (Québec). The Property is not encumbered by any royalties, rights of reversion, back-in rights, or payment obligations.

2.4 Sources of information

The author based her report on data, reports and maps extracted from reports available in the public archives of the Ministère des Ressources naturelles et des Forêts du Québec and data provided by Midland.

The author believes that the information provided in these reports is sufficiently accurate for the purposes of this technical report. No confidential data has been provided to the Qualified Person and there is no reason to believe that there is any confidential information to be added to the analysis.

The author is not qualified to comment on issues relating to legal agreements, royalties, permits, taxation and the environment. The authors have relied on representations and documentation provided by Midland.

2.5 Site visit

Site visits completed by the QP are as follows:

- Geneviève Boudrias has visited Willbob Project from June 6th to June 14, 2026.

- The author reviewed selected drill core intervals and associated documentation at the issuer's rental facilities in Kuujjuaq and as well, at the old Kan Camp. During these site visits, the author verified available drill collar locations, conducted data verification activities, including visual inspections of past stripping, channel sampling, and examined diamond drill core from previous drilling programs.

- The author also reviewed drill core logs and corresponding assay results to confirm the accuracy and consistency of the reported exploration data. The author did not collect or verify any samples, nor were any laboratory analyses or tests conducted as part of this review.

2.5.1 Kuujuuaq Core shack

The core for the diamond drill campaign 2016, 2017 and 2019 for the Sunshine, Golden Tooth, Lafrance and Stars showings are stored on the ground of the Land Holding hotel, in Kuujjuaq. The core shack is fenced and locked with a padlock (Photo 1).



Photo 1. Core shack at the Land Holding Hotel, Kuujjuaq.

The Author checked different best intervals core from holes Midland drilled holes, from Lafrance, Golden Tooth and Sunshine prospects.

2.5.2 Old Kan Camp core shack (KAN Block)

The old Osisko Kan Camp has been visited and the best assays core from Osisko, available at this camp has been consulted.



Photo 2. Osisko OSK-KAN-18-06



Photo 3. Osisko FAU-16-007

2.5.3 Sites field visit

Several showings located on five (5) of the seven (7) blocks that are part of the Willbob Project were visited:

- Koksoak Block
  - **Golden Tooth**: Showing, channel sampling, old ddh collars
- **Stars Block:** Showing
- **Ants Block:** Showing, channel sampling
- KAN-Canyon Block
  - **Kan Camp**: Core from 2016, 2018
    - **Pump Pad Ridge:** Visit of Winchester sector, striping and channel sampling.



Photo 4. Pump Pad Ridge showing

  - **Ferricrete:** Showing, channel sampling and stripping visit
  - **KAN - Canyon 1, 2 and 3:** Showing

- Didgeridoo-NAK Block
  - **Didgeridoo:** Showing visit
  - **D-J:** Showing visit

2.6 Units and Currencies

Units in this report are expressed in the International System of Units (SI). Precious metal concentrations are given in grams of metal per metric ton (g/t) or parts per million metal (ppm), metres (m) or kilometres (km) for distance, hectares (ha) for area and square metres (m^2). All currency amounts are in Canadian dollars (CAD), unless otherwise indicated. The abbreviations used in this report are listed in the table below.

The coordinate system used is: UTM NAD 83 Zone 19N.

Table 1. List of abbreviations

MRNF	Minister of Natural Resources and Forests
MELCCFP	Ministry of the Environment, the Fight against Climate Change, Wildlife and Parks
CDC	Mining Titles – Map-designated claims
EER	Exclusive Exploration Right
ha	Hectares
km	Kilometre
Km^2	Square kilometre
Km^3	Cubic kilometre
m^2	Square metre
m^3	Cubic metre
m	Metre
mm	Millimetre
po	Inch
Kg	Kilogram
g	Gram
Tonnes or t	Metric ton
Ppm, ppb	Parts per million, parts per billion
%	Pourcent
$	Canadian dollars
°	Degree
°C	Degree Celsius
NI 43-101	National Instrument 43-101 (Canadian)
UTM	Universal topographic system
NAD	North American Datum
Qc	Québec

3 RELIANCE ON OTHER EXPERTS (ITEM 3)

The opinions expressed in this report are those of the authors and are based on their review of the historical work carried out on the Property, as documented in publicly available data.

The Author has relied upon information provided by the Issuer with respect to mineral tenure, option and royalty agreements, environmental liabilities, permits, and other legal matters pertaining to the Property. The Author and Geneviève Boudrias, géologue Inc. are not qualified to provide legal opinions regarding the validity of mineral titles, ownership interests, encumbrances, or potential litigation affecting the Property. Accordingly, no legal opinion is expressed concerning these matters.

4 PROPERTY DESCRIPTION AND LOCATION (ITEM 4)

The Willbob Project is located in the Nunavik region of northern Quebec (**Figure 1**), approximately 85 km west of the community of Kuujjuaq. Kuujjuaq is accessible exclusively by air via its regional airport (YVP).



Figure 1. Location of the Willbob Project, Quebec.

4.1 Location

The Property has a total area of 34,312.24 hectares (343.12 Km^2) and forms seven (7) blocks, with a general north-south orientation.

4.1.1 Details Coordinates Location

General Details Coordinates Location

NTS Sheets:	24F06, 24F07, 24F11, 24F12, 24F13, 24F14 and 24K04
External project boundaries:	
Eastern / western boundaries:	467 479 mE / 507 421 mE
South / North Boundaries:	6 345 266 mN / 6 433 585 mN
Approximate central point of the project:	
Estant:	485 407 mE
Nordant:	6 386 525 mN
Project georeferencing system:	
Projection:	NAD 83 - UTM Zone 19N

Blocks Names and Coordinates Location

Block	Number of EER	Area (Km2)	Center Coordinates mE	mN	NTS Sheet
Koksoak	127	58,07	470 640 E	6 421 859 N	24K04, 24F13, 24F14
Wayne	30	12,87	475 538 E	6 415 796 N	24F14
Stars	42	19,3	478 451 E	6 406 037 N	24F14
Ants	101	46,51	472 701 E	6 398 186 N	24F11, 24F13, 24F14
KAN-Canyon	343	158,9	484 527 E	6 375 395 N	24F06, 24F11
Didgeridoo-NAK	95	44,2	494 733 E	6 355 887 N	24F06, 24F07
Oops	6	2,8	506 284 E	6 346 147 N	24F07
Total :	744				

4.1.2 Administrative Region, Regional County Municipality (MRC) and Municipality

The Property is in the Nord-du-Québec Administrative Region, Kativik Regional Administration (MRC) (RCM or MRC) and, within the Koksoak River Municipality (**Figure 2**).



Figure 2. Administrative division

4.2 Mining Title Status

The mining titles have been verified and validated using “GESTIM” the Quebec government's public register of mining titles and rights operated by the Ministère des Ressources naturelles et des Forêts du Québec. As of April 20, 2026, 745 Exclusive Exploration Right (EER) are registered to Midland Exploration Inc.

The Willbob Project is wholly owned (100%) by Midland Exploration Inc.

Between 2019 and 2024, Midland acquired the EER constituting the initial Willbob Property. In April 2025, Midland acquired the Kan Gold Property from Tectonic Resources Corp., adding 261 Exclusive Exploration Right (EER), covering approximately 121 km², to the existing Willbob Project. As of April 20, 2026, the consolidated Willbob Project comprised 745 map-designated cells (“CDC”) covering a total area of approximately 343.12 km² (**Figure 3**).

The property is organized into seven (7) EER blocks, from north to south: Koksoak, Wayne, Stars, Ants, KAN-Canyon, Didgeridoo-NAK, and Oops (**Figure 3**). The project area is not subject to any known exploration restrictions and lies entirely outside protected areas, including parks and Category I and Category II lands established under the James Bay and Northern Quebec Agreement (**Figure 4**).

Details list of individual EER by number are provided in **Appendix I**, EER by Block in **Appendix II** while EER maps are provided in **Appendix III**.

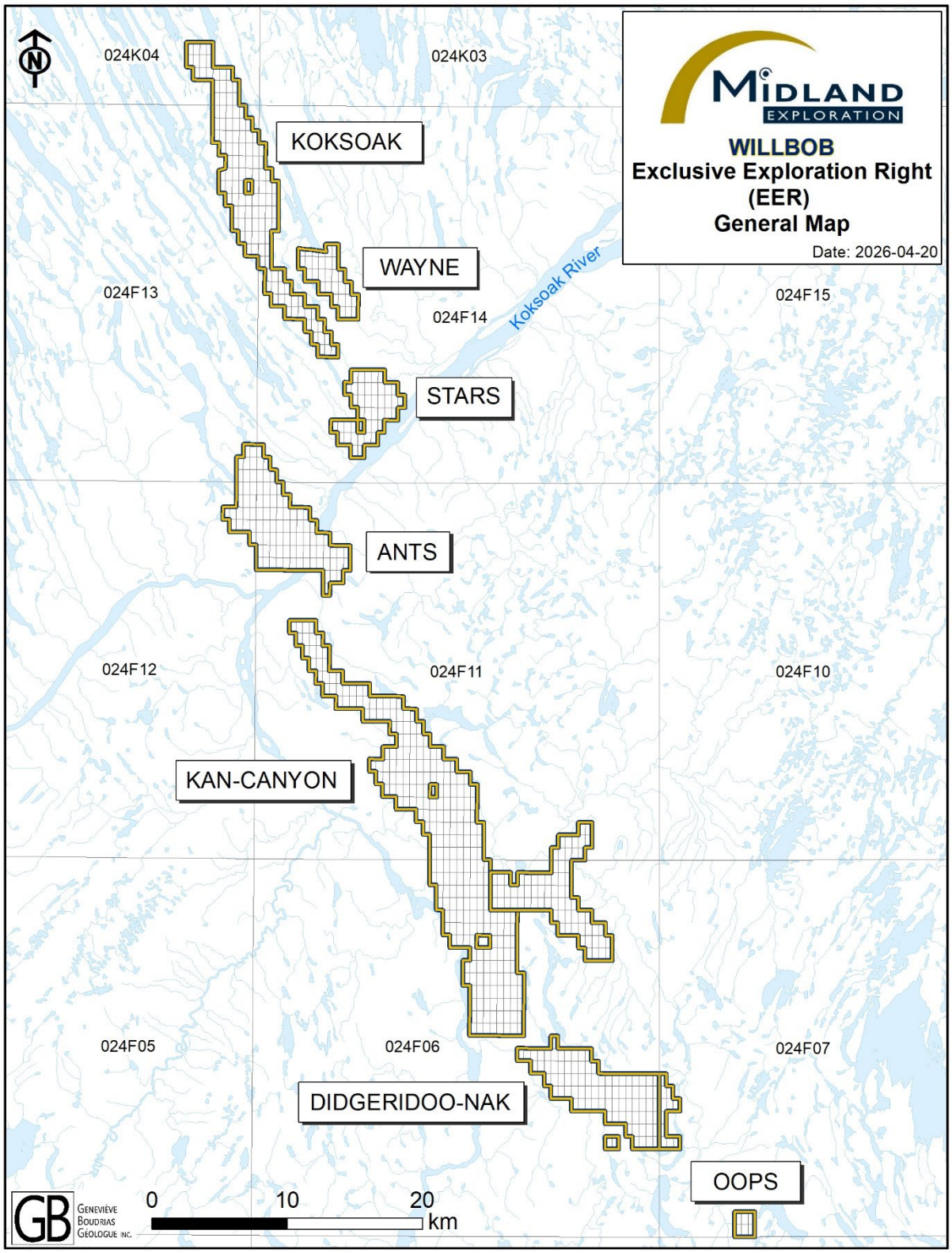


Figure 3. Mining Titles of Willbob Project.

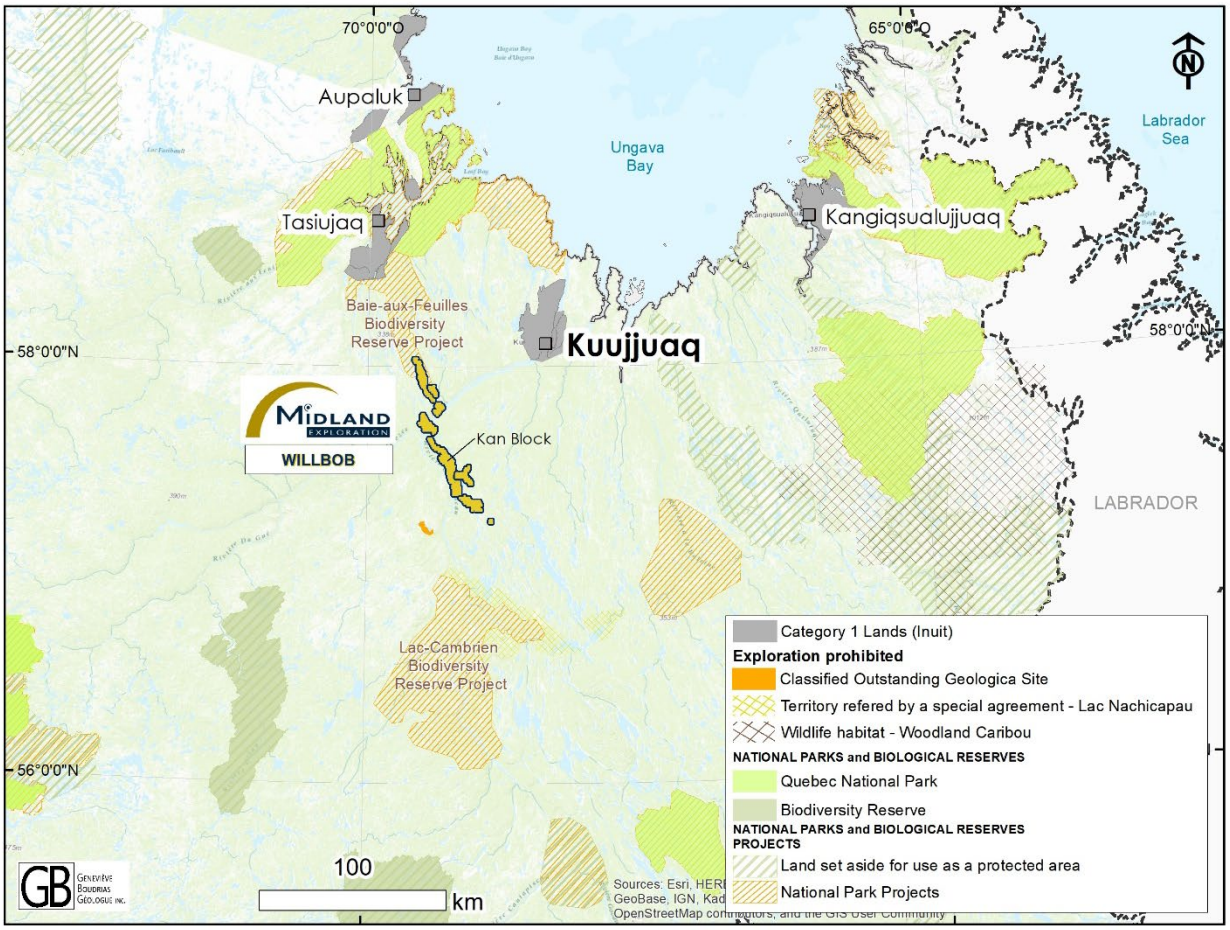


Figure 4. Restricted area

4.3 Nature and scope of the issuer's rights

In Quebec, Mining rights give the holder the exclusive right to explore all mineral substances, excluding oil, gas, brine and surface deposits such as sand, gravel and clay. A Mining right does not confer any surface rights, except for the following rights access for exploration purposes in accordance with the Quebec Mining Act.

For mineral substances, there are two types of mining rights: those authorizing mineral exploration, i.e. “Exclusive Exploration Rights” - EER, CDC - and those issued for mineral exploitation, i.e. “Exploitation Rights”.

The EER for the first renewal period is valid for three years. It is renewable for subsequent two-year periods. It may be renewed after the filing of exploration work reports corresponding to the value required for the amount of work required or, since November 29, 2024, the payment of an amount equivalent to twice the value required for the amounts of work requested provided that 90% of the work credits are available for the claim. The remaining 10% can be paid at double. For further information, readers are invited to consult the Quebec Mining Act, available on the MRNF or Publications Québec websites[1].

[1] https://mrnf.gouv.qc.ca/mines/titres-miniers/exploration/tarification-indexation-droits-loyers-redevances-frais/

4.4 Royalties

The Kan Gold Property is subject to a 2% Net Smelter Return ("NSR") royalty payable to Ressources Tectonic should the Property enter commercial production. Midland may repurchase the NSR royalty in whole or in two 1% increments by making a payment of $1,500,000 per 1% increment to Ressources Tectonic, for a total purchase price of $3,000,000.

Under the acquisition agreement, Midland will acquire a 100% interest in the mining claims held by Ressources Tectonic in consideration of three payments totaling $125,000. The payment schedule consists of $40,000 payable upon signing, $40,000 payable on the first anniversary, and a final payment of $45,000 payable on the second anniversary (Press release dated 2025-04-22). The details of the NSR royalty have not been reviewed by the Author, and therefore Midland has been relied on regarding the applicable NSR royalty.

4.5 Environmental liabilities

The author is not aware of any environmental liability associated with the Property.

Osisko's former Kan camp is still in place but is no longer operational. The consultant is not aware of any environmental issues related to it. The author visited the latter.

4.6 Permit requirements

Forestry work permit

According to Act A-18-1 (Sustainable Forest Development Act), "An intervention permit is required to carry out forest management activities in forests in the domain of the State" (s.73, par.4)- such as wood cutting, etc. and "The Minister may issue a permit authorizing the holder to carry out the forest management activities set out in the permit on the conditions determined by the Minister. However, no intervention permit may be issued to a person who is liable for fees payable under this Act" (s.74).

Act to Amend the Mining Act and Other Provisions – Bill No.63

The **Act to amend the Mining Act and other provisions** was assented to on November 29, 2024. Most of its provisions came into force immediately. The new section 65.1 was deferred to May 30, 2025. Under this provision, Exclusive Exploration Right (EER) holders are required to submit an annual work plan to representatives of any local municipality located in the area of the land subject to the right and, if applicable, to any First Nation or Indigenous community concerned, at least 30 days before the start of exploration work on the land, including aerial geophysical surveys. This obligation is renewed annually as long as the work continues.

ATI - Authorization for impact exploration work

On May 6, 2024, the Ministry of Natural Resources and Forestry introduced a new prior authorization requirement for all impact exploration work (ATI) such as excavation, rock stripping, bulk sampling, drilling survey, refraction seismic geophysical surveys and work carried out with a hydraulic pump for gold panning purposes. This authorization is governed by the provisions of Sections 69, 69.1 and 69.2 of the Act and Sections 11, 12 and 13 of the Regulation.

4.7 Additional factors

4.7.1 Mining restrictions affecting the property (GESTIM, 2026, MELCCFP, 2026)

The GESTIM web site consultation identified no constraints to mining activity that affect the Property (Figure 4).

A proposed park area is located adjacent to the Koksoak Block and encompasses its northern sector.

It should be noted that an eagle nest had previously been reported in the Ants sector. However, following a validation inspection conducted on June 11, 2026, no eagle presence or associated nesting activity was observed. This information was subsequently communicated to the wildlife authorities.

Had an active eagle presence been confirmed within the area, a mitigation measure would have been implemented requiring all aerial operations to maintain a minimum setback distance of 700 m from the nest in order to minimize potential disturbance to the species.

5 ACCESSIBILITY, PHYSIOGRAPHY, INFRASTRUCTURE AND CLIMATE (ITEM 5)

5.1 Accessibility

The Property is accessible year-round by helicopter. During the summer season, access may also be facilitated by floatplane and boat in areas where suitable water bodies are available.

Logistical support and accommodation services are provided from the town of Kuujjuaq, located approximately 85 km east of the project area (Figure 5). Kuujjuaq serves as the principal regional service center and is equipped with a full-service airport supporting daily commercial passenger and cargo flights.

The airport, which is operated year-round, accommodates scheduled and regular passenger and cargo services connecting the region with southern Quebec, primarily from Montréal, and other Nunavik communities, providing reliable year-round access for personnel, equipment, and supplies. Helicopter and fixed-wing charter services are also available from Kuujjuaq to support exploration activities in remote areas.

Kuujjuaq serves as the main regional logistics hub, providing essential services supporting mineral exploration and development activities in the Ungava Bay region.



Figure 5. Accessibility

5.2 Weather

The project area is characterized by a subarctic climate typical of the Nunavik region of northern Quebec, characterized by long, cold winters, short cool summers, and rapid weather changes. Seasonal snow covers, freeze-thaw processes, and fluvial erosion continue to influence modern landscape development. Permafrost is discontinuous in the southern portion of the region and becomes more continuous northward.

Climatic conditions generally constrain field operations to the period between early June and mid-October. Weather conditions can change rapidly, with favorable conditions transitioning to cold, windy, fog and rainy weather within a matter of hours. Mean daily temperatures range from approximately -23°C in January to 12°C in July[2] (Figure 6).

[2] https://climat.meteo.gc.ca/climate_normals/results_1991_2020_f.html?searchType=stnName_1991&txtStationName_1991=kuujjuaq&searchMethod=contains&txtCentralLatMin=0&txtCentralLatSec=0&txtCentralLongMin=0&txtCentralLongSec=0&climate_id=7113534&dispBack=1

Annual precipitation averages approximately 650–750 mm, with snowfall accounting for a significant proportion of total precipitation.

Meteorological data from Kuujjuaq are considered representative of conditions within the project area.

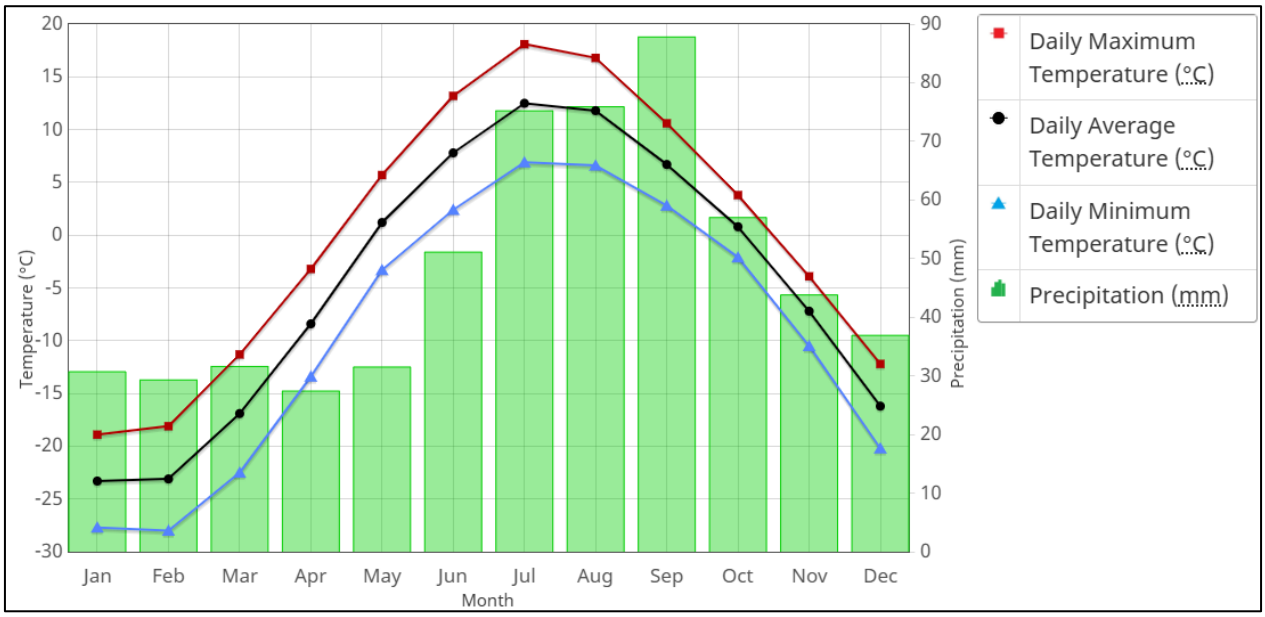


Figure 6. Temperature and Precipitation Graph for 1991-2020 Canadian Climate Normals, Kuujjuaq (Source: https://climate.weather.gc.ca/climate_normals/).

5.3 Local Resources and Infrastructure

The Willbob Property is not supported by any permanent on-site infrastructure. The exploration camp previously utilized on the Kan Property has been decommissioned. No road access exists within or adjacent to the Property, and access is primarily by helicopter.

The community contains a range of commercial and public services, including hotels, restaurants, grocery stores, fuel distribution facilities, equipment suppliers, medical services, government offices, and communications infrastructure. These facilities provide an established support base for exploration and seasonal field operations throughout the region.

Electrical power within Kuujjuaq is supplied through a local generating station operated by Hydro-Québec. Telecommunications services, including cellular and internet coverage, are available within the community. Seasonal marine resupply is conducted via the Koksoak River and Ungava Bay, although air transportation remains the primary means of year-round access for both the community and surrounding exploration properties.

Given its strategic location, transportation infrastructure, and availability of commercial services, Kuujjuaq represents an effective staging area for mineral exploration and development projects within the central Ungava Peninsula.

5.4 Physical geography

The Kuujjuaq region is situated within the eastern portion of the Canadian Shield, near the transition between the boreal forest and tundra biomes of the Ungava Peninsula. The landscape is characterized by a gently undulating to rolling topography composed of low bedrock hills, ridges, and broad glacially sculpted valleys, that generally follow a north-northwest to south-southeast (NNW–SSE) orientation, reflecting the regional structural fabric of the Labrador Trough. Regional relief is generally moderate, with elevations commonly ranging from 50 to 300 m above sea level (ASL) with typical elevations ranging between 200 and 250 m ASL.

The physiography reflects extensive Pleistocene glaciation and is characterized by abundant glacial and post-glacial landforms, including exposed bedrock outcrops, till-covered uplands, eskers, moraines, wetlands, and numerous lakes and ponds. Surface drainage is generally poorly integrated due to the abundance of depressions and water bodies typical of the Canadian Shield terrain. Surface drainage is directed toward Ungava Bay through the Caniapiscau and Koksoak River systems.

Vegetation north of the Koksoak River is typical of tundra environments and consists predominantly of lichen communities, heath, and moorland vegetation, with localized willow thickets. Shrub vegetation and scattered coniferous trees become more common within valleys and along major drainage corridors. South of the Koksoak River, boreal forest vegetation predominates, characterized by extensive stands of black spruce, larch, and alder. Wetlands, shrublands, and sparsely treed areas are common throughout the landscape (Figure 7).

Wildlife within the project area is representative of the subarctic environment and includes caribou, wolves, snowshoe hare, Arctic fox, and black bears.

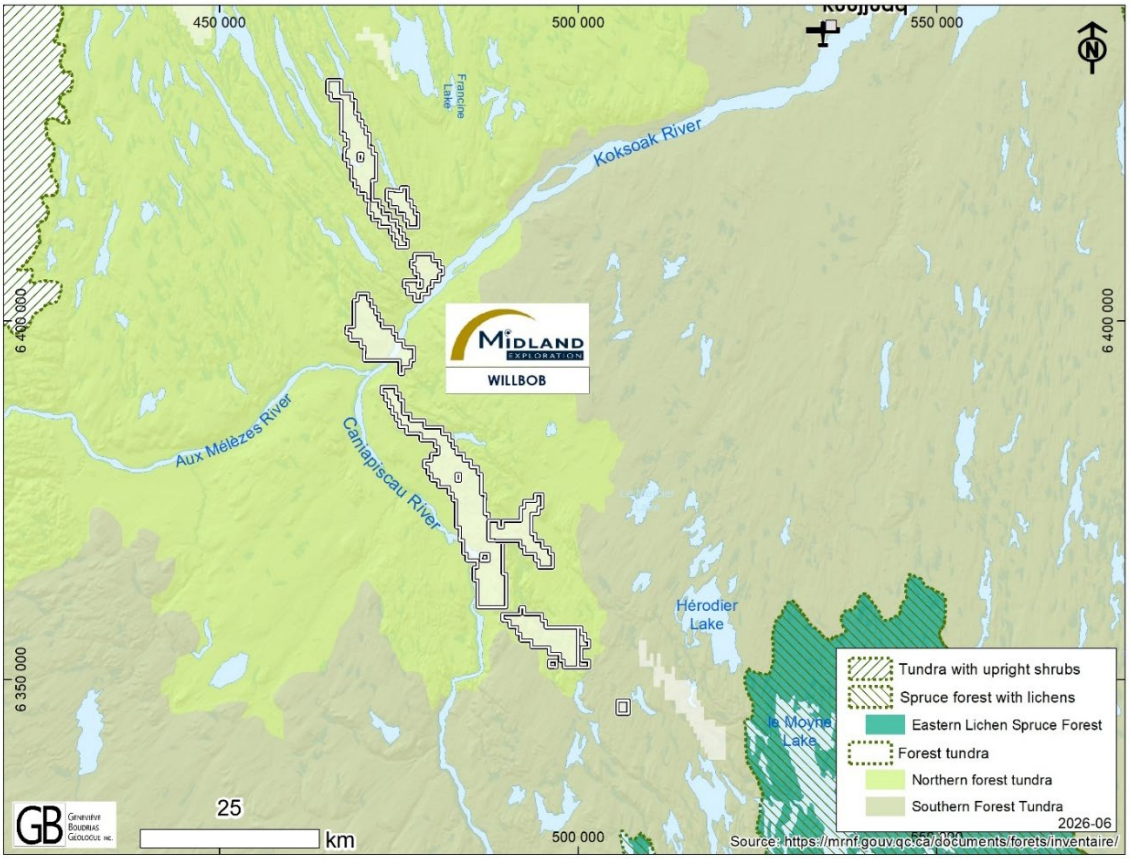


Figure 7. Map of vegetation zones, bioclimatic regions, and ecological regions

6 HISTORY (ITEM 6)

6.1 Regional history

From Richard (2025), reconnaissance geological investigations in the Koksoak River region were first conducted by Albert Peter Low of the Geological Survey of Canada in 1893 (Low, 1896). During these early surveys, Low documented prominent geological features, including Pyrite Falls and Limestone Falls, and recognized the region's significant iron potential (Low, 1896; Leigh, 1970).

Systematic mineral exploration within the Labrador Trough began in the late 1920s, driven by the discovery of large iron ore deposits in its southern sector near Schefferville (James and Gill, 1929; Tremblay and Théberge, 2014). Exploration efforts subsequently expanded to include base metals, with the potential for Zn-Cu-Pb and Cu-Ni mineralization becoming evident.

This led to an intensive exploration period throughout the 1950s, 1960s, and 1970s, during which most of the currently known base-metal deposits and showings in the region were discovered (Trépanier, 2001).

During the 1980s and 1990s, exploration activities shifted toward platinum-group element (PGE) mineralization and gold hosted within iron formations (Trépanier, 2001). Exploration programs in the 2000s continued to focus primarily on PGE mineralization associated with gabbroic intrusions, as well as orogenic gold systems. In the 2010s, black shales were recognized as both potential sources and traps for sediment-hosted Au-As mineralization (Hébert et al., 2014). Concurrently, structurally controlled gold mineralization associated with diorite and quartz gabbro units was identified as a promising exploration target and subsequently worked (St-Cyr, 2016).

6.2 Willbob - Historical Exploration Activities

After Low expedition, the first work by a company was done in 1929.

1929 **Quebec Labrador Dev.** Recognition of the Kaniapiscau geological Group and different types of iron formation. James et Gill, 1929; GM 08390

While exploring for Superior-type iron deposits in the Koksoak River area, several companies recognized the potential for Cu-Ni mineralization within leopard rock, a lithology formerly described as blotchy gabbro and currently referred to as glomeroporphyric gabbro. Richard, 2025; GM 74383

1936 **Fenmore Iron Mines**. Sampling survey and map location. GM 01936

The period from 1945 to 1956 marked the first significant exploration campaign in the area, with several companies undertaking mineral exploration activities while the Quebec Government completed regional geological mapping. Sauvé, 1956; RP 325

Since 1956, a total of 222 ddh for a total of 32,300 m were drilled on and the vicinity of Willbob Project and this excludes the drilling west of the Koksoak Block for Ni-Cu in mafic volcanics (403 ddh) (Richard, 2025). **Table 2** shows details and main results for each drilling campaign and **Appendix IV** shows the location of the historical holes.

1945 **Frobisher Expl Co Ltd**. Detailed microscopic study. Geological map. GM 01199

1947 - 1948 **Quebec Labrador Dev. (Kan Block).** Airborne Geological survey. Low, 1947; GM 00960
Exploration for Iron Formation and mapping along the Koksoak River. Drilled five (5) packsack holes (Kan actual property). Wahl, 1948; GM 00393

1953 **Bergeron and Harquail.** Study about Iron Formation exploration. The authors present various indicators for iron deposits in the region, especially from Frobisher Ltd. and the Quebec Department of Mines. GM 18664

1954 - 1956 **Hollanah Mines**. Numerous copper showings were identified in gossanous outcrops of pyrrhotite-chalcopyrite-bearing glomeroporphyritic gabbro in the southwestern part of the Stars Block, particularly in the vicinity of Erickson Lake. These include the Erickson #4 Lower Gossan and Upper Gossan (Pillow Lake) occurrences described by Bostock (1954).

Geological survey and mapping between the Erickson Lake – Now called Livaudière Lake and the Koksoak River. GM 03053, GM 04708

Mag Geophysical survey on Erickson No4 claims. Grid: 22,000' (6.7 km) lines. GM 03908-A, GM 03909-B

Drilling: Three (3) holes totaling 1221 ft (372.2 m) on the Stars Block. The assay results were embedded in the logs but are hidden. GM 03909-C

Six (6) backpacking holes were drilled totaling 300 ft (91.4 m) in the main Gossan zone. There is no analysis included in the report. GM 03908-B

1956 - 1957 **Silver Miller Mines Ltd.**, **Lagava Minerals Ltd.** Gerido Lake Claim Geological survey, mapping and prospecting. No assay results are reported.

Drilling: Eleven (11) ddh in south of Koksoak River. GM 04787-A

1955 - 1956 **Quebec Department of Mines**. Evaluation of different Iron Formation projects and geological survey on the Gerido Lake and Leopard Lake areas. GM 17506, RP 0309, RP 325

1957 **Hard Rock Gold Mines**. Geological mapping south of Erickson Lake, drilling and geophysical survey on Gerido Lake area. Four different types of mineralization are known to occur in this area: 1- Mineralization associated with the blotchy gabbro, 2- Mineralization associated with the gabbro sedimentary contact, 3 - Mineralization associated with shear zones, 4 – Magnetite in the Sedimentary rocks. GM 03730-A, GM 3730-B

Drilling: Eighteen (18) ddh (1 @ 18).

1961 - 1963 **Telstar Metals Mines. Claims Boylen.** Abner showing, Koke (Kola) showing. The company proceeded with trenching (13), geological mapping and diamond drilling surveys (30 ddh; 11,028 ft (3,361.3 m). A Magnetic survey (70 miles (112.65 km)) and EM survey (34 miles) were executed, and all indicated a zone of magnetic and conductive rocks. The zone consists of iron and carbon-rich sandstones, quartzites and dolomites. GM 17613, GM 13334-A, GM 13334-B

1964 - 1966 **Cominco Ltee.** (**Kan Block**) Exploration of massive sulphide over the Kan Property. Several massive sulphide boulders were found (0.13% Cu, 8.0% Pb, 10% Zn, 8.0 oz/t Ag) by prospection. Soil and geophysical survey were done. **Results**: Discovery of the Kan showing. Fifty-five (55) claims were staked – Kan property. GM 32117

Drilling: Five (5) ddh totaling 186 m on the Kan showing (Main showing). Drill logging recorded several quartzite intersections containing an estimated 50–55% sulfides, consisting of pyrite, pyrrhotite, sphalerite, galena, and chalcopyrite. The best intersection was 4 feet of 5.2% Zn, 2.6% Pb and 2.8 oz/t Ag (GM 32117). No assay results are available to confirm the presence or grade of mineralization. The property was abandoned. GM 18056

1964 - 1995 The **Quebec Department of Natural Resources and the IREM-MERI** carried out geological mapping, regional surveys, and structural and mineralization studies in various parts of the Labrador Trough.

These programs were undertaken to improve the geological understanding of the region and to support the assessment and development of its mineral resource potential. RP 524 (1964), RG 104 (1965), DP 179 (1968), ES 005 (1970), DP 269 (1974), DPV 452 (1977), DPV 568 (1978), DPV 663 (1979), DPV 666 (1979), DPV 781 (1980), DPV 835 (1981), DPV 929 (1982), DP 86-26 (1986), DP 87-14, PRO 87-04 (1987), PRO 87-18 (1987), MB 87-19 (1987), MB 87-21 (1987), ET 87-13 (1987), DP 87-14 (1987), MB 88-05 (1988), MB 89-25 (1989), MB 91-10 (1991), MB 95-36 (1995)

1971 - 1972 **Imperial Oil Enterprises, Claims Gordon**. Soil survey, prospection and airborne Mag and EM geophysical surveys in the surroundings of the Koksoak and Sitturaviup rivers. After these works, it was recommended that no work be done on the property next season. GM 28209, GM 28210, GM 29183

1972 - 1973 **Hollinger North Shore Expl**. Works in the Sitturaviup river area.

Drilling: Eleven (11) ddh (72M-1 @ -11) totaling 4,379 ft (1,335 m) in the Rivière Sitturaviup area (Mercier River), to test Mag and EM geophysical anomalies (aerial and ground survey) north of BOMT ("Baby One More Time") showing. Drilling intersected intervals of massive sulfides within sedimentary sequences, as well as disseminated sulfides hosted in gabbro and leopard rock (blotchy gabbro also called glomeroporphyric gabbro) units. GM 28863

1976 **Cominco Ltee. (Kan Block)**). Continue to work on the Koke project (Kola property), staked from Boylen Energy in 1974. Drill indicated reserves are 1.2 mt @ 0.7% Cu, 6.9% Zn, 1% Pb and 1.6 oz/t Ag to a depth of 550' (167.6 m). **Cominco has re-acquired the Kan property** after it had been abandoned. Soil, stream sediments, water and grab samples survey were done as well as a ground geophysic surveys (EM, Mag, Gravity). GM 32115, GM 32117, GM 32180

1987 - 1989 **Noranda Exploration Ltee. Lake Dupuy East showing** (Koksoak Block). Exploration of Au+GPE in Gabbro and Iron formation**.** Acquires three exploration permits east of Pyrite Falls to north of the Situraviup River. **Discovery of the Rougemont Lake** (Dessureault showing)**.** Different surveys as well as geophysical surveys (VLF-EM and HLEM) and drilling were executed over the Fort Chimo project on the Lac St-Pierre property targeting the Platine Group Elements (PGE). After these works, Noranda abandoned the project. **Results:** discovery of showings such Noranda Ridge (**Kan Block**). GM 46467, GM 46922, GM 47118, GM 48559, GM 49488, GM 47542, GM 47546, GM 47548, GM 49051, GM 49052

Lac St-Pierre Property - Lac Rougemont (Dessureault) – (Koksoak) (1988)

Stripping: A gold anomaly zone located at L800N/500W was stripped using a water pump ("Wajax") over 50 m by 10 m.

Channel sampling: The few anomalous gold values obtained confirm its close association with quartz veins: 4.39 g/t Au over 45 cm, 11.98 g/t Au over 25 cm, 7.63 g/t Au over 22 cm, and 12.66 g/t Au over 7 cm (RLR-1 to RLR-12 and RLR-13 to RLR-21). These channels were analyzed for gold at the Chimitec laboratory in Quebec City using pyroanalysis/atomic absorption, considering coarse gold. The fraction larger than 150 mesh was therefore also analyzed, and a weighted average of the two values was calculated for each sample, yielding a more representative "average Au" value. GM 49053

Soil and till sampling: The purpose of the first survey was to cover an area of the fold's crest where the rock outcrops sparsely: Seventy-six (76) samples were collected at the base of the till. Gold was detected at two locations, two clusters of four or five anomalous samples. The second survey,

northern extension, sampled two or three horizons for each borehole. Eighty (80) samples were collected and analyzed for Cu, Pb, Zn, Ag, Au, and As. No significant anomalies.

Grab sampling: More than 330 grab samples were taken on a grid. Only a few samples yielded gold values greater than 500 ppb outside the anomalous zone.

Drilling:

- 1988 Seven (7) shallow ddh (88-LR-1 @ 88-LR-6, 88-LR05B) totaling 406.5 m on the Lac Rougemont (Dessureault) area consisting in a-up follow-up on good channel sampling. Only hole 88-LR-2 (4.1 g/t Au over 7.6 m incl. 7.0 g/t Au over 2.8 m) appears to have intersected the surface-discovered mineralized zone. GM 49053
- 1988 Two (2) ddh (88-LSP-1, 88-LSP-2) were drilled. The 88-LSP-1 hole intersected a zone approximately 20 m long that is rich in sulfides, containing 25 to 40% pyrrhotite. The only anomalous gold values obtained came from the beginning of this zone, yielding a section of 1.78 g/t Au over 1.80 m. GM 49488
- 1989 Twenty (18) ddh (44-89-7 @ -15) on the Lac Rougemont (Dessureault) showing. The aim was to test the gold potential. GM 49486

Pyrite Falls Showing (Kan Block): Discovered in 1987 by prospection. Grab: 15 g/t Au. The year after, drilling, stripping, channel and till sampling were undertaken. Results: 10.35 g/t Au over 2.1 m and 6.41 g/t Au over 3.3 m. geological mapping @ 1:2500, trenching and channel sampling VLF-EM, magnetic and HLEM surveying.

Drilling: Nine (9) holes (45-89-1 @ 45-89-9) and 346 metres of core. Two (2) ddh intersected a small, gold-rich horizon near the surface, associated with quartz-carbonate-pyrrhotite and chlorite veins and veinlets crossing the iron formation. Results: 22.2 g/t Au over 0.75 m and 6.3 g/t Au over 1.55 m in hole 45-89-01 and 17.8 g/t Au over 0.75 m in 45-89-04. GM 49487

1993 - 1997 Kennecott Canada Inc. (Kan and canyon Block) Exploration for Zn-Pb-Cu + Au in the Baby Formation and Iron Formation. The Company continued exploration of the Kan project following the cessation of exploration activities by Noranda. Regional reconnaissance, soil survey, stream sediment survey, pionjar overburden drilling (Chain Lake area), detailed mapping at Chain Lakes area, Twilight showing, Ferricrete showing, Baby showing and Kan showing and drilling survey totaling 2401m. Geophysical survey including gravity and ground mag survey were executed. GM 52215

Drilling: Kan property. In 1994, drilled sixteen (16) holes (K94-01 @ K94-16) totaling 2,400.9 m on the Kan-KTR-Pump Pad Ridge and on Ferricrete showings. Drill hole K94-16, which recorded an intercept of 80 m averaging 1,300 ppm zinc, including 32 m of 2,072 ppm zinc. No ore-grade massive sulphide mineralization was intersected. Result: Discovery of the Ferricrete showing. GM 52658, GM 53513

In 1995, a total of 1,483 m was drilled in six (6) holes (K95-17 @ K95-22). Holes K95-17 to 20 all intersected significant intervals of Zn mineralized graphitic shale (44 m averaging 1987 ppm Zn in hole K95-17). GM 54102

In 1996, fourteen (14) shallow ddh (K96-1 @ K96-14) totaling 1,615 m were drilled on the Ducreux Lake area in the aim to test the prospective graphitic shale horizon. Results: 6 m of 0.5% zinc and 5 g/t silver. No ore grade intercepts were encountered. GM 54988

1998 – 2000 Noranda Inc. (Kan Block) Exploration for Zn-Pb in Dolomite and for gold (regional). Between 1998-2000, geophysical surveys (such ground EM, ground gravimetry and mag), geochemistry surveys,

soil survey, regional hyperspectral survey and drilling survey were undertaken over the Kan Property. The drilling program was designed to identify the source of approximately 30 massive Zn-Pb-Ag sulfide boulders, which averaged 7.7% Pb, 9.75% Zn, and 276 g/t Ag, and to evaluate the Pb-Zn Kan massive sulfide showing and to test geophysics anomalies. GM 49486, GM 60771

Drilling: Seven (7) ddh (KE-99-01 @ KE-99-07) totaling 1,685 m, were drilled on the Kan, Abner S-SE and Koke showings.

Results: Kan: Sphalerite veinlets are visibly late developing. Values of 0.24% Zn /1.0 m and 0.39% Zn / 0.9 m were obtained.
Koke: A horizon of massive pyrite sulfides was intersected from 262.0 m to 262.9 m but was depleted in base metals.
Abner Sud: KE-99-01 DDH yielded 0.84% Zn / 3.0 m, including 2.45% Zn /0.8 m. A value of 3.52% Zn / 0.9 m was obtained in KE-99-02. GM 57912

Drilling: In 2000, twenty (20) ddh (KE-00-8 @ KE-00-27) totaling 3,978 m were drilled on the Kan, Abner S-SE, Koke and Riviere Showings. GM 58601

Results: Kan: The best value obtained was 10.8% Zn, 7.4% Pb, 270 g/t Ag and 0/6 g/t Au over 0.25m.
Koke: No good results, recommendation to pause the project
Abner: Small amounts of zinc mineralization were intersected.
Riviere: 1.3% Zn / 10.4 m, including 4.23% Zn / 1.2 m, in borehole KE-00-26.

2000 - 2014 **Virginia Gold Mines Inc**. (**Didgeridoo, Ants Blocks**) Exploration for Zn-Pb in Dolomite and for gold (regional). Worked, consisting of rock and till sampling on two projects: actual Didgeriddo Block and the Pyrite Falls area. Exploration in the surrounding of the Lac Lauzon, south of the Koksoak River within in a partnership with Altius Minerals Corp. The property was abandoned in 2014.

Results: DJ and Rivière Koksoak showings were found (2.94 and 1.2 g/t Au). GM 59010, GM 67961

2000 - 2004 **Nunavik Mineral Exploration Fund (NMEF)**. (**Stars, Koksoak Blocks**). Discovery of the Stars showing (2000), (2.94 and 1.2 g/t Au). The Lafrance showing (between 1.1 and 7.4 g/t Au) and Polar Bear showing are also found. In a JV with Virigina, they found also Smoking Bear and Kuni showings. Ref.: GM 69328

2000 - 2024 **MRNF** published a lithotectonic and metallogeny synthesis written by Wares and Clark, 2005. This paper remains of very good quality and is still used as a reference in the Labrador Trough today. MM 2005-01
Geological Mapping, metallic potential and geochronology data, geophysical compilation and papers were published. CG-24F11, DP 2000-02, DP 2000-04, DP 2004-02, MM 2004-01, CR 2006-01, PRO 2009-09, DP 2010-08, DP 2011-06, DP 2001-07, EP 2012-01, PRO 2012-05, RP 2012-02, RG 2014-02, RP 2014-05, RP 2014-07, BG 2015-01, PRO 2015-05, MB 2017-09, BG 2021-01, ET 2021-02, BG 2024-01

2007 - 2012 **Ressources Tectonic Inc., Rio Silver Inc., Everton. (Kan Block)** Geological compilation on the Ferricrete showing. Aeroported EM and Mag geophysical surveys, geochemistry surveys and drilling were conducted on the Kan property. GM 62835, GM 64286, GM 64287, GM 66257, GM 66258, GM 67824

Drilling: A total of 1,220.42 m of BTW size diamond drilling was completed over 5 holes (KA12-001 @ KA12-006) (1 abandoned) on the Pump Pad Ridge and Abner Sud showings. **Result**: Discovery of Pump Pad Ridge by drilling: returned 1.2 g/t Au over 10.42 m in drill hole KA12-002 and, Discovery of KTR1. GM 68022

2015 – 2019 **Minière Osisko, Osisko Baie-James SENC**. (**Kan Block**). Between 2015 and 2019, prospection, soil survey (2,052 samples), trenches, drilling and high-resolution helicopter-borne magnetic survey were executed on the **Kan Property**, on the Pump Pad Ridge, Ferricrete and Pyrite Falls showings. The best sample (soil) raised 3,430 ppb Au 3 km south of BOMT showing that lead to the Canyon showing discovery in 2019. In 2019, the company let go of the claims surrounding the BOMT showing. GM 70234, GM 70728, GM 70729, GM 70730

Drilling : **2016**. Eleven (11) ddh were drilled (FAU-16-001 @ FAU-16-011) on Pump Pad Ridge and Ferricrete showings. **Results**: The best result were returned from FAU-16-001 with 2.13 g/t Au over 8 m including 5.3 g/t Au over 2 m and from FAU-16-002 with 4.62 g/t Au over 8 m including 16.2 g/t Au over 2 m (**Figure 8, and Figure 9**). GM 70234, GM 71136

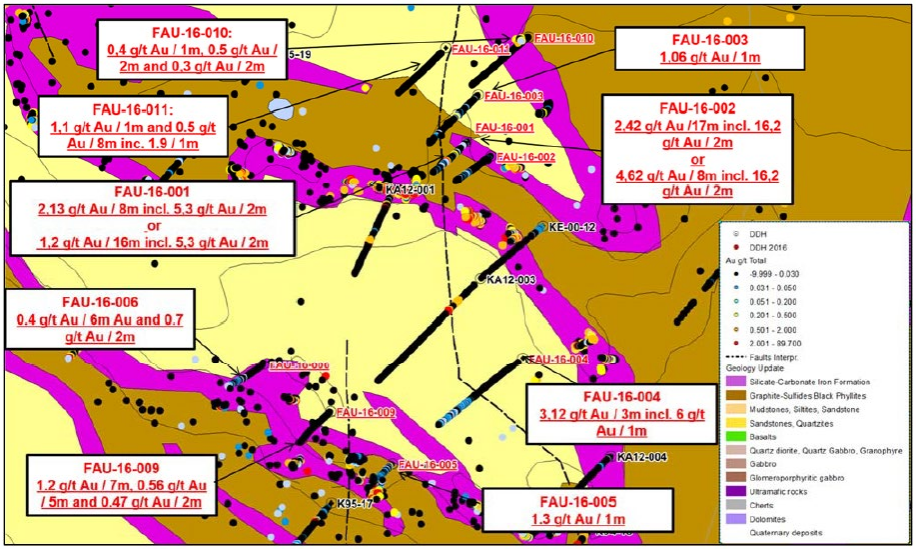


Figure 8. Location and best results from 2016 drill holes at Pump Pad Ridge-Winchester-KTR areas. From Osisko, 2016 – GM 70234

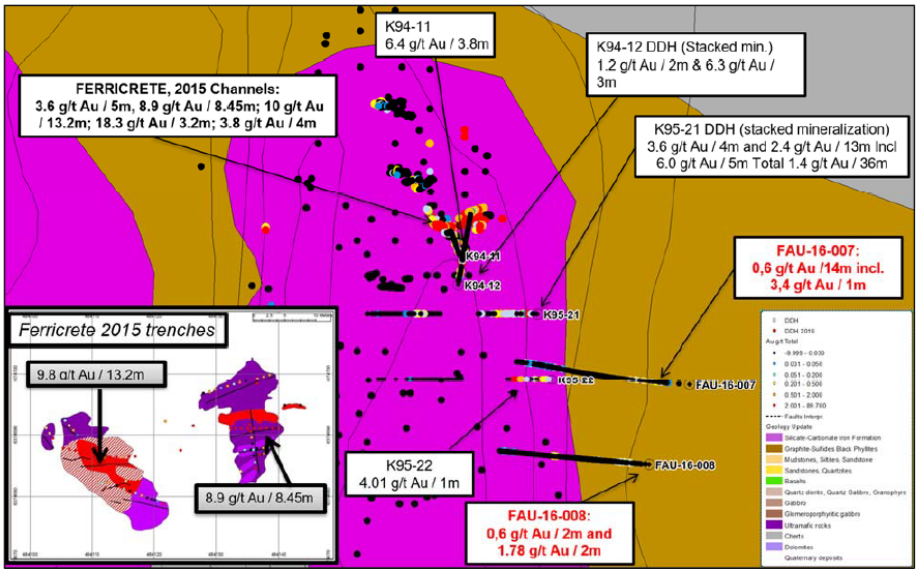


Figure 9. Location and best results from 2016 drill holes at Ferricrete area From Osisko, 2016 – GM 70234

2017. Four (4) ddh (OSK-KAN-17-001 @ OSK-KAN-17-004) (**Table 2, Figure 10**) were drilled for a total of 1,223 m on the Ferricrete and Pyrite Falls showings. Mapping, prospecting, soil sampling and trenching were also executed. **Results**: The best cut of the drilling campaign was intersected in the silicate iron formation in hole OSK-KAN-17-002 located at Pyrite Falls, which returned 1.15 ppm Au over 6 m, including 4.39 ppm Au over 1 m. GM 70728

Table 2. Summary of the 2017 DDH specifications (From Osisko, 2017- GM 70728)

Hole name	Proposition name	Easting	Northing	Elevation	Azimuth and dip	Planned Depth (m)	Final Depth (m)	Comment
		NAD83, Zone 19						
OSK-KAN-17-001	Pyrite Falls 1	486830	6366355	91.38	N300°/50°	250	410.5	Hinge zone.
OSK-KAN-17-002	Pyrite Falls 2	487052	6366528	94.35	N300°/50°	250	396	Pyrite Falls showing
OSK-KAN-17-003	Ferricrete 2	484303	6374850	140.74	N230°/53°	200	210	Down dip Ferricrete hole.
OSK-KAN-17-004	Ferricrete 1	484165	6375041	142.06	N290°/55°	200	207	Structural intersection

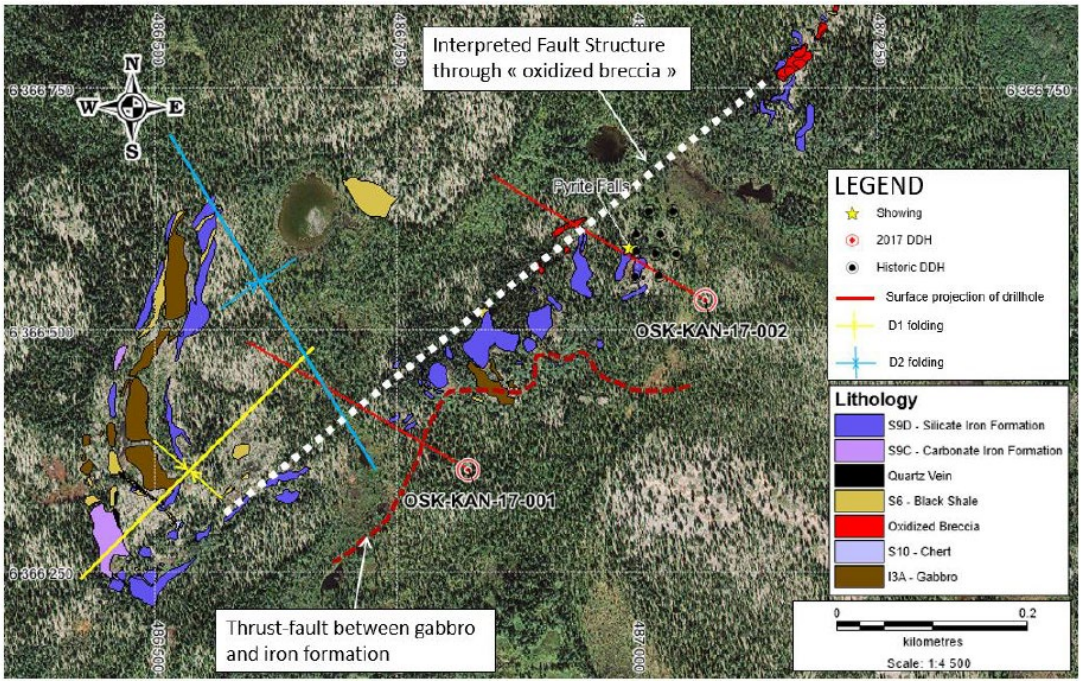


Figure 10. Location and best results from 2017 drill holes at Pyrite Falls area. From Osisko, 2017 – GM 70728

2018. Twenty-three (23) holes (OSK-KAN-18-005 @ OSK-KAN-18-027) (**Figure 11 and Figure 12**) were drilled for a total of 5,566 m on Kan project, focused on the Pump Pad Ridge area. **Results:** PR Syncline, OSK-KAN-18-016 returned 3.05 ppm Au over 11.5 m including 5.8 ppm Au over 3.0 m, KTR Syncline, OSK-KAN-18-027 returned 4.22 ppm Au over 5 m, PR Anticline, OSK-KAN-18-007 returned 1.8 ppm Au over 7.0 m. GM 71136

Hole ID	From (m)	To (m)	Lenght (m)	Grade Au (ppm)
OSK-KAN-18-005	87	92	5	0.40
including	*88*	*89*	*1*	*1.55*
OSK-KAN-18-005	*137*	*138*	*1*	*1.40*
OSK-KAN-18-006	*167*	*184*	*17*	*0.55*
including	*176*	*181*	*5*	*1.10*
OSK-KAN-18-007	*53*	*59.1*	*6.1*	*0.49*
including	*53*	*54*	*1*	*2.20*
OSK-KAN-18-007	**71.0**	**78.0**	**7.0**	**1.80**
including	***74.0***	***76.0***	***2.0***	***5.20***
OSK-KAN-18-007	121.0	124.0	3.0	0.45
OSK-KAN-18-007	126.0	128.0	2.0	0.45
OSK-KAN-18-007	152.0	154.0	2.0	3.90
OSK-KAN-18-007	159.0	170.0	11.0	0.29
including	*161.0*	*162.0*	*1.0*	*1.37*
OSK-KAN-18-008	113.6	114.5	0.9	0.59
OSK-KAN-18-009	121.8	124.0	3.2	0.20
OSK-KAN-18-009	149.5	150.5	1.0	0.48
OSK-KAN-18-009	189.0	191.0	2.0	1.40
OSK-KAN-18-009	193.0	194.1	1.1	2.26
OSK-KAN-18-009	215.8	217.8	2.0	0.16
OSK-KAN-18-009	221.5	225.5	4.0	0.22
OSK-KAN-18-009	263.0	272.0	9.0	0.18
including	*271.0*	*272.0*	*1.0*	*0.54*
OSK-KAN-18-010	44.0	46.0	2.0	1.00
including	*45.0*	*46.0*	*1.0*	*1.76*
OSK-KAN-18-010	51.0	52.1	1.1	0.99
OSK-KAN-18-010	135.0	140.0	5.0	0.69
including	*138.0*	*140.0*	*2.0*	*1.29*
OSK-KAN-18-011	77.0	82.0	5.0	0.38
OSK-KAN-18-012	242.0	244.0	2.0	1.45
including	*243.0*	*244.0*	*1.0*	*2.68*
OSK-KAN-18-013	3.0	8.0	5.0	0.25
including	*7.0*	*8.0*	*1.0*	*0.53*
OSK-KAN-18-014	48.6	54.2	5.6	0.1
including	*50.5*	*51.5*	*1.0*	*0.3*
OSK-KAN-18-015	26.2	42.0	15.8	0.50
including	*29.0*	*30.0*	*1.0*	*3.28*
OSK-KAN-18-015	48.0	57.0	9.0	0.70

Hole ID	From (m)	To (m)	Lenght (m)	Grade Au (ppm)
OSK-KAN-18-016	32.0	43.5	11.5	3.05
Including	***34.0***	***36.0***	***2.0***	***6.5***
And	***39.0***	***42.0***	***3.0***	***5.8***
OSK-KAN-18-016	46.0	48.0	2.0	1.4
Including	*47.0*	*48.0*	*1.0*	*2.47*
OSK-KAN-18-016	65.0	76.0	11.0	0.9
OSK-KAN-18-017	157.0	158.0	1.0	1.45
OSK-KAN-18-017	164.0	177.0	13.0	0.726
including	*168.0*	*169.0*	*1.0*	*1.55*
And	*171.0*	*174.0*	*3.0*	*1.19*
OSK-KAN-18-018	19.0	21.0	2.0	0.20
OSK-KAN-18-023	381	382	1	1.385
OSK-KAN-18-024	17	20	3	2.52
including	*18*	*19*	*1*	*5.34*
OSK-KAN-18-024	70	73.25	3.25	0.146
OSK-KAN-18-024	92	97	5	0.331
OSK-KAN-18-024	126	129	3	0.669
OSK-KAN-18-025	**127**	**129**	**2**	**3.75**
including	***127***	***128***	***1***	***7.28***
OSK-KAN-18-025	143	145	2	1.64
OSK-KAN-18-025	149	154	5	0.547
including	*149*	*150*	*1*	*1.48*
OSK-KAN-18-025	157	159.5	2.5	0.46
OSK-KAN-18-025	162	166	4	0.43
including	*162*	*163*	*1*	*1.135*
OSK-KAN-18-025	174	177	3	0.11
OSK-KAN-18-026	90	94	4	0.61
including	*90*	*91*	*1*	*1.7*
OSK-KAN-18-026	106	110	4	0.33
OSK-KAN-18-026	113	117	4	0.16
OSK-KAN-18-026	136	137	1	0.78
OSK-KAN-18-026	143	144	1	0.195
OSK-KAN-18-026	146	151	5	0.16
OSK-KAN-18-027	**7**	**12**	**5**	**4.22**
including	***9***	***12***	***3***	***6.57***
OSK-KAN-18-027	23	26	3	0.82
OSK-KAN-18-027	119	122	3	0.23

Figure 11. Summary of the best result obtained during the 2018 drill campaign. From Osisko, 2018 – GM 71136

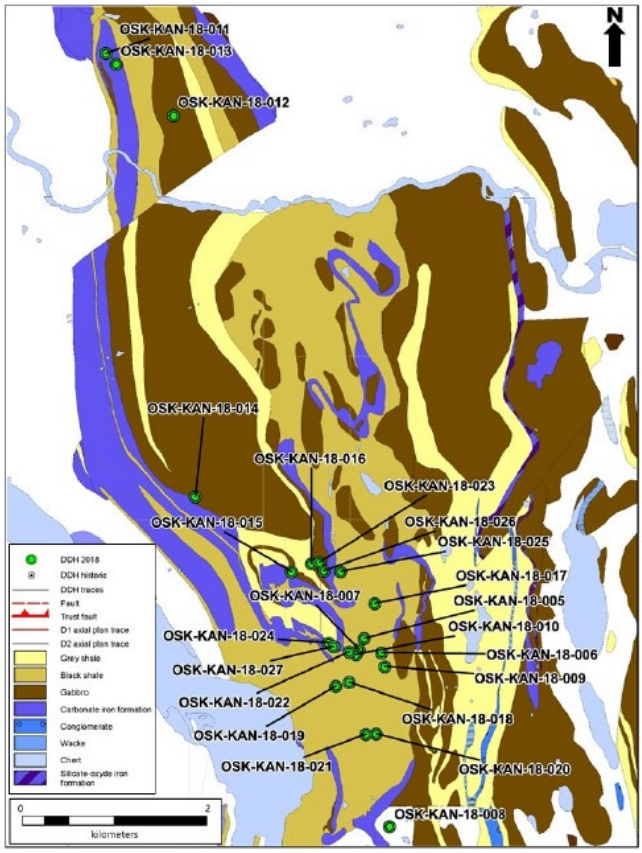


Figure 12. Overview of the drillholes location. From Osisko, 2018 – GM 71136

2023 - 2024 **Ressources Tectonic Inc. (Kan Block)**. Prospecting campaign to locate a massive sulfide block discovered in 2011 and to determine whether it originated from a local source, south of Pyrite Falls sowing. In 2024, one hundred and fourteen (114) rock samples were sent to the laboratory. A total of 78 soil samples were sent to the laboratory. GM 74122

Results: Two (2) samples returned very high gold values (39.5 and 26.5 g/t Au), 4 returned high gold values (between 2.96 and 9.85 g/t Au).

6.2.1 Midland Exploration works

2014 **Midland acquired the property abandoned by Viriginia Gold**, north of the Koksoak River, the project is now called **Willbob Project**. The **Lafrance** showing is re-visited: GM 69328

Results : Grab samples : 5.44 g/t Au (R128716), 4.79 g/t Au (R128715), 2.44 g/t Au (R128714), 2.12 g/t Au (R128717).

2015 Exploration on **Lafrance, Kuni, Kuni Sud, Dupuy, Golden Tooth, Polar Bear areas**. Grab sampling, channel sampling and Mapping were completed.

Results: Grab samples: 77.6 g/t Au (R147117)(Kuni Sud), 25.2 g/t Au (R147992)(Golden Tooth) and 4.46 g/t Au (R146913) (Ulu) (MD Press release) and from channel sampling: 4.1 g/t Au over 0.5 m at Polar Bear, 1.68 g/t Au over 3 m at Golden Tooth and 0.467 g/t Au over 0.25 m and 0.448 g/t Au over 0.40 m at Kuni.

2016 – 2017 Twenty-three (23) holes (WB-16-001 @ WB-16-022, -020A and -020B) were drilled totaling 3,128 m on the Koksoac Block, **North, Golden Tooth, Polar Bear, GTN-4, Sunshine, Kuni, Kuurok** and **Stars** showings. Discovery of the **Didgeridoo** showing. A high-resolution Airborne geophysical survey was executed. A total of 964 grab samples were taken in 2016: 10 returned very high gold values (over 10 g/t Au), 27 returned high gold values (between 2 and 10 g/t Au), 51 returned gold values (between 0.5 and 2 g/t Au). Channel sampling was also done.

In 2017, 1,143 grab samples were assayed. Eleven (11) returned very high gold values (over 10 g/t Au), 22 returned high gold values (between 2 and 10 g/t Au), 40 returned gold values (between 0.5 and 2 g/t Au). Channel sampling on Didgeridoo: 1.37 g/t Au over 6.10 m. Fourteen (14) DDH were drilled for a total of 3,534.4 m on Golden Tooth (3), GTN-4 (1) Kuurok (1), Polar Bear (1), Sunshine (1), Kuni (1), Stars (3). GM 69661, GM 70444, GM 70639, GM 71411

Results:
Golden Tooth (ddh): 1.28 g/t Au over 6.35 m, 2.14 g/t Au over 1.5 m, 2.23 g/t Au over 1.25 m, 1.12 g/t Au over 3.65 m
Kuurrok (ddh): 3.5 g/t Au over 0.35 m
Sunshine (ddh): 36.4 g/t Au over 0.35 m, 1.99 g/t Au over 0.45 m
Lafrance (ddh): 1.62 g/t Au over 1m, 1.189 g/t Au over 4.6 m
Polar Bear: 0.73 g/t Au over 2.7 m, including 1.2 g/t over 1.3 m
Dessureault (1980) replica (channel): 6.9 g/t Au over 3.9 m
GTN-4 (channel): 1.9 g/t Au over 2 m, including 3.48 g/t Au over 1 m

New showings:
2016: PBN, Sunshine, Tip Zone, Y Zone, Terrier, Dragon Lake, GTN and Lafrance East
2017: Alias, Wayne, Kavi, SP, Serpent, Cross Lake, Lac H, West Smokey Bear, Didgeridoo and NAK.

2018 **Discovery of Ants showing** (2.94 and 1.2 g/t Au). Trenching, grab sampling (597 samples): 2 returned very high gold values (over 10.0 g/t Au), 6 returned high gold values (between 2 and 10 g/t Au), 18 returned gold values (between 0.5 and 2 g/t Au). GM 71491

Results:
Ants (channel): 1.48 g/t Au over 2.8 m (Ants-18-01), 3.33 g/t Au over 5.0 m (Ants-18-02) and 1.78 g/t Au over 23.3 m, including 3.19 g/t Au over 10.0 m (Ants18-03).
Didgeridoo (channel): 2.30 g/t Au over 8.95 m, including 3.56 g/t Au over 3.15 m (DJ-18-05).

New showings: Romeo, Janet, Ants and Ants-4g

2019 **Midland acquired the claims of BOMT dropped by Osisko**. A total of eleven (11) ddh (WB-19-23 @ WB-19-33) were drilled on Ants and Stars showings. The objectives were to test the extensions of the Ants gold zone characterized in surface by channels (1.78 g/t Au over 23.3 m, including 3.1 g/t Au over 10.0 m). Define the known Stars massive sulfide 50 m below the zone intercepted in 2017. Soil survey was undertaken. Three hundred fifty-two (352) grab samples were taken. GM 72183

Results:
Ants (ddh): 1.81 g/t Au over 12.06 m, including 2.99 g/t Au over 4.56 m in hole WB-19-33, 2.09 g/t Au over 6.01 m, including 4.05 g/t Au over 2.50 m in hole WB-19-26.
Stars (ddh): 0.13% Cu / 3.30 m, 0.154 g/t Au, 0.16% Cu over 1.25 m.

New showing: Canyon-1, Canyon-2, Canyon-3

2020 – 2021 Three (3) holes on **Ants** showing were selected for more assays. The goal was to characterize the gold zone of holes WB-19-026, 027 and 032. In association with the National Institute for Scientific Research (INRS) and the Geological Survey of Canada (GSC), a geological study was conducted in 2021 to perfect knowledge in the Labrador Trough on the main controls for known gold mineralization. Observations were made on Koksoak Block: Dessureault, Lafrance, Polar Bear, Alias, Golden Tooth, Wayne Block, Star Block, Ants Block, Didgeridoo-NAK Block: Didgeridoo and Canyon showings. GM 70234, GM 74154, Hébert (2022)

2024 – 2025 **Midland acquired the Kan Property from Tectonic**. A prospecting program was carried out on different blocks and showings: NAK area, Didgeridoo block, Jemina showing and Ants North. In 2024, a total of 114 rock samples and 78 soil samples were collected and assayed in the Canyon area. A total of seven (7) rock samples with Au over 1.0 g/t Au and a total of 16 soil samples considered as anomalous. In 2025, a total of eighty-five (85) rock samples (grab, channel) were sent to the laboratory. GM 74383, GM 74946

Results:

Canyon: Bests gold: 39.5 g/t Au, 1.32 g/t Ag and 62.7 Cu ppm (sample C1457706), 26.5 g/t Au, 0.61 g/t Ag, 183 ppm Cu (C1457502) and a total of seven (7 samples with Au over 1.0 g/t Au.
NAK: a rusty tension-type quartz vein cross-cutting sediments with 3% pyrrhotite-galena-sphalerite in clusters and veinlets returned 3.66 g/t Au. Altered gabbro returned 7.55 g/t Au.
Didgeridoo: Two (2) samples took in quartzite with pyrrhotite from this area returned respectively 9,180 ppm Zn, 2,330 ppm As and 1,100 ppm Zn, 433 ppm As.
Jemina: The best result is 0.55 g/t Au in a grab sample (Osisko's 2017 grab sample: 6.8 g/t Au)
Ants North: Prospecting around the historic sample did not replicate the gold value of 0.3 g/t Au of 2017
Oops: Two (2) samples returned 0.1 g/t Au (Osisko's sample returned 2.14 g/t Au in 2017).

Historical and recent diamond drill holes, rocks samples and bests assays map are available in **Appendix IV**.

TABLE 3. Historical DDH campaigns

Year	Company	SOURCE	Nb DDH	Total Meters	AREA	COMMENTS	RESULTS
1956	HOLANNAH MINES LTD	GM 03908-B, GM 03909-C	9	463	Stars Block	6 packsack diamond drilling (300 feet) and 3 DDH (1,221 feet)	Alterning gabbro and leopard rocks with disseminated pyrrhotite and minor chalcopyrite.
1962	CLAIMS BOYLEN	GM 13334-A	30	3333	Koke Showing	30 DDH on the Koke deposit	Some assays in Cu-Zn-Pb-Ag-Au available. Best intercept : 2.04% Zn, 0.85% Pb, 5.21 Oz Ag, 0.04 Oz Au.
1962	TELSTAR METAL MINES LTD	GM 17613	3	490	Abner sud, Ruisseau Robelin	3 DDH outside of Koke showing	Favorable lithologies for zinc-copper- silver mineralization was intercepted west of Willbob project.
1966	COMINCO LTEE	GM 18056	5	186	Kan Showing	Small DDH in the Kan showing area	Few intersects of quartzite with 50-55% sulfides (pyrite-pyrrhotite-sphalerite-galena-chalcopyrite), no assays.
1972	HOLLINGER NORTH SHORE EXPL C L	GM 28863	11	1335	Rivière Sitturaviup	Targeted geophysical anomalies north of BOMT showing.	Intercepted some massive sulfides in sedimentary sequences, some disseminated sulfides in gabbro and leopard rocks.

Year	Company	SOURCE	Nb DDH	Total Meters	AREA	COMMENTS	RESULTS
1988	EXPLORATIONS NORANDA LTEE	GM 49053	7	406.5	Lac Rougemont (Dessureault)	Follow-up on good channel sampling	Only hole 88-LR-2 (4.1 g/t Au over 7.6 m) appears to have intersected the surface-discovered mineralized zone. Additional drilling is recommended to test for possible lateral and depth extensions of the mineralized zone.
1989	EXPLORATIONS NORANDA LTEE	GM 49486, GM 49487	18	1199	Lac Rougemont (Dessureault), Pyrite Falls	9 DDH on Rougemont showing (853 m), 9 short DDH on Pyrite Falls showing (346 m).	The first 100m vertical of Lac Rougemont was tested by DDH for gold potential. Gold is distributed erratically within the iron formation, connected to a branching network of veins and fine veinlets of quartz. At Pyrite Falls, 2 DDH intersected a small, gold-rich horizon near the surface, associated with quartz-carbonate-pyrrhotite and chlorite veins and veinlets crossing the iron formation. This formation is amphibolitized and extensively recrystallized as pyrrhotite and magnetite.
1994	KENNECOTT CANADA INC	GM 53513	15	2274	Kan-KTR1-Pump Pad Ridge, Ferricrete	Discover an economic sedimentary exhalative lead-zinc-silver deposit within the Baby formation pyritic graphitic shale- or sulphide facies iron formation Ore grade massive sulphide occurrences were already known in the targeted stratigraphy.	Drill hole K94-16, which recorded an intercept of 80m averaging 1,300ppm zinc, including 32m of 2,072ppm zinc. Altough, no ore-grade massive sulphide mineralization was intersected.
1995	KENNECOTT CANADA INC	GM 54102	6	1483	West KTR-1, Ferricrete, East Ferricrete	Testing coincides with geochemical and geophysical anomalies in the Chain Lakes area and testing the strike extent of Au mineralization at the Ferricrete gold showing.	Holes K95-17 to 20 all intersected significant intervals of Zn mineralized graphitic shale. (44m averaging 1987ppm Zn in hole K95-17). Although no ore grade mineralization was intersected. At Ferricrete a new interpretation generated gold mineralized veins hosted target within the iron formation. Two drill holes totaling 351m confirmed the new interpretation, encountering visible gold mineralization that assayed as high as 5.01g/t Au over 6 m.
1996	KENNECOTT CANADA INC	GM 54988	14	1615	Lac Ducreux	14 shallow DDH testing the prospective graphitic shale horizon as well as a geophysical	Best mineralization of the program: 6 m of 0.5% zinc and 5 g/t silver. All other holes returned anomalous zinc assays of up to 3000ppm zinc and silver assays of up to 4 g/t. No ore grade intercepts were encountered.

Year	Company	SOURCE	Nb DDH	Total Meters	AREA	COMMENTS	RESULTS
1999	NORANDA INC	GM 57912	7	1685	Kan showing, Abner S-SE, Koke	Targeted the source of thirty massive Zn-Pb-Ag sulfide blocks containing an average metal concentration of 7.7% Pb, 9.75% Zn and 276 g/t Ag as well as the Pb-Zn Kan massive sulfide showing.	Kan: Sphalerite veinlets are visibly late developing. Values of 0.24% Zn / 1.0 m and 0.39% Zn / 0.9 m were obtained. Koke: A horizon of massive pyrite sulfides was intersected from 262.0 m to 262.9 m but was depleted in base metals. Abner Sud: KE-99-01 DDH yielded 0.84% Zn / 3.0 m, including 2.45% Zn / 0.8 m. A value of 3.52% Zn / 0.9 m was obtained in KE-99-02.
2000	NORANDA INC	GM 58601	20	3978	Kan showing, Abner S-SE, Koke, Riviere showing	DDH on geophysics anomalies (gravimetric, electric) for Zn-Pb-Ag-Au- As deposit	Kan: The best value obtained was 10.8% Zn, 7.4% Pb, 270 g/t Ag and 0.6 g/t Au over 0.25m. Koke: No good results, recommendation to pause the project Abner: Small amounts of zinc mineralization were intersected. Riviere: 1.3% Zn / 10.4m, including 4.23% Zn / 1.2m, in borehole KE-00-26.
2012	RESSOURCE S TECTONIC INC, RIO SILVER INC	GM 68022	5	1220	Pump Pad Ridge, Abner Sud	A total of 1,220.42 m of BTW size diamond drilling was completed over 5 holes (1 abandoned)	Drilling at the Pump Pad Ridge returned 1.2 g/t Au over 10.42 m in drill hole KAI2-002 for the best intersection. dolomitic breccia unit, intersecting a network of over 20 sphalerite veins ranging from 0.5 to 12 cm in width returned 0.7% Zn over 1.50 m as best result.
2016	MINIERE OSISKO INC, OSISKO BAIE-JAMES SENC	GM 70234	11	1574.5	Pump Pad Ridge, Ferricrete	Test NQ drilling on best showings, 1470 samples assayed by ICP with 4 acid digestion	The best results were returned from FAU-16-001 with 2.13 g/t Au over 8 m including 5.3 g/t Au over 2 m and from FAU-16-002 with 4.62 g/t Au over 8 m including 16.2 g/t Au over 2 m. These results were interpreted as the continuity of the results obtained on channel on Pump Pad Ridge and Winchester showing.
2016-2017	EXPLORATIO N MIDLAND INC	GM 71411	23	3128	Koksoak Block North, Stars showing	The drilling campaign's main purpose in 2017 was to evaluate the potential of many gold showings located in the northern part of the property. A total of ten holes were drilled on Golden Tooth, Polar Bear, GTN, Kuni and Kuurok	These gold showings are characterized by arsenopyrite-quartz veins in shear zones. Golden Tooth: 1.28 g/t Au over 6.3 m, 2.14 g/t Au over 1.5m, 2.23 g/t Au over 1.25m, 1.12 g/t Au over 3.65 m, Kuurrok: 3.5 g/t Au over 0.35 m, Sunshine: 36.4 g/t Au over 0.35 m, 1.99 g/t Au over 0.45 m, Lafrance: 1.62 g/t Au over 1m, 1.189 g/t Au over4.6 m.
2017	MINIERE OSISKO INC,OSISKO BAIE-JAMES SENC	GM 70728	4	1223	Ferricrete, Pyrite Falls	The main targets of this drilling campaign are the iron formation horizons in the vicinity of the Ferricrete and Pyrite Falls showings	The best cut of the drilling campaign was intersected in the silicate iron formation in hole OSK-KAN-17-002 located at Pyrite Falls, which returned 1.15 ppm Au over 6 metres, including 4.39 ppm Au over 1 metre.

Year	Company	SOURCE	Nb DDH	Total Meters	AREA	COMMENTS	RESULTS
2018	OSISKO BAIE-JAMES SENC	GM 71136	23	5566	Pump Pad Ridge, Pyrite Falls, Ferricrete	Real-time analysis of structural data and preliminary geochemical analysis with systematic XRF survey to better understand the geology and detect any alteration halo.	Iron formation facies evolves from West to East, from to Carbonate, to Carbonate-Oxide-Silicate, to Oxide- Silicate facies. PR Syncline, OSK-KAN-18-016 returned 3.05 ppm Au over 11.5 m including 5.8 ppm Au over 3 m, KTR Syncline, OSK-KAN-18-027 returned 4.22 ppm Au over 5 m, PR Anticline, OSK-KAN-18-007 returned 1.8 ppm Au over 7 m.
2019	EXPLORATION MIDLAND INC	GM 72183	11	1141	Ants showing, Stars showing	Test the extensions of the Ants gold zone characterized in surface by channels (1.78 g/t Au over 23.3 m, including 3.19 g/t Au over 10.0 m). Define the known Stars massive sulfide 50m below the zone intercepted in 2017.	Ants: 1.81g/t Au over 12.06 m, including 2.99g/t Au over 4.56m in hole WB-19-33, 2.09 g/t Au over 6.01 metres, including 4.05 g/t Au over 2.50 m in hole WB-19-26. Stars: 0.13% Cu over 3.30m, 0.154g/t Au, 0.16% Cu over 1.25m

7 GEOLOGICAL SETTING AND MINERALIZATION (ITEM 7)

7.1 Geological setting

From Richard (2025), the Willbob Project is located within the Southeastern part of the Churchill Province (SECP). The SECP is part of the Trans-Hudson Orogen, a vast Paleoproterozoic orogenic belt that stretches from North Dakota to Greenland. This large orogenic system formed the North American Precambrian continent (Laurentia) by tectonic and magmatic accretion between ca. 2.0 and 1.8 Ga. The result is a collage of large and stable Archean cratons and micro-continents, as well as juvenile Proterozoic crust, magmatic arcs, and intracratonic sedimentary basins (Corrigan et al. 2018) (**Figure 13**). The SECP is a small part of this continent, lying between the Archean Superior Province to the west and the North Atlantic Craton to the east. The formation of the SECP is the result of two collision episodes (Charette et al., 2016); the Torngat Orogen (TO) (1.87-1.86 Ga), the collision of the North-Atlantic craton with the Core Zone, and the New Quebec Orogen (NQO) (1.83-1.80 Ga), the superposition of the amalgamed Core Zone and Torngat on the Superior Craton by an oblique collision (Corrigan et al. 2018). These collisions are supported by a dominant NNW-SSE structural grain characterized by many plurimetric to plurikilometric shear zones. Those shear zones define major sutures of the collage and thus, delimit the main geological zones of the SECP: The New Quebec Orogen (Labrador Trough), the Core Zone, and the Torngat Orogen (**Figure 14**).

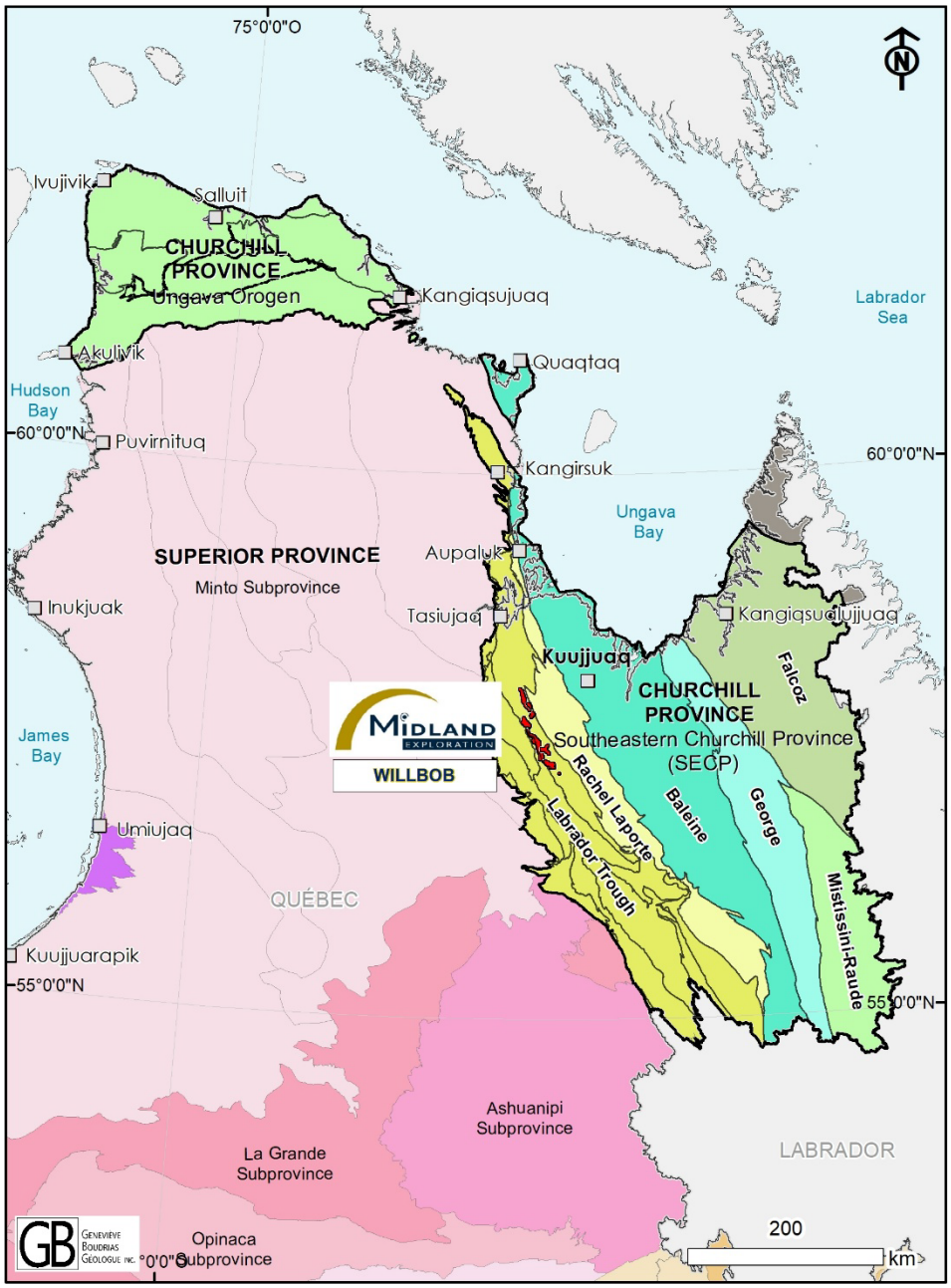


Figure 13. Simplified Geology of Churchill geological Province and the six lithotectonic domains of the SEPC. Modified from Hoffman (1990) and Corrigan et al. (2018), Lafrance et Godet, 2024, Sigéom web site – "à la carte".

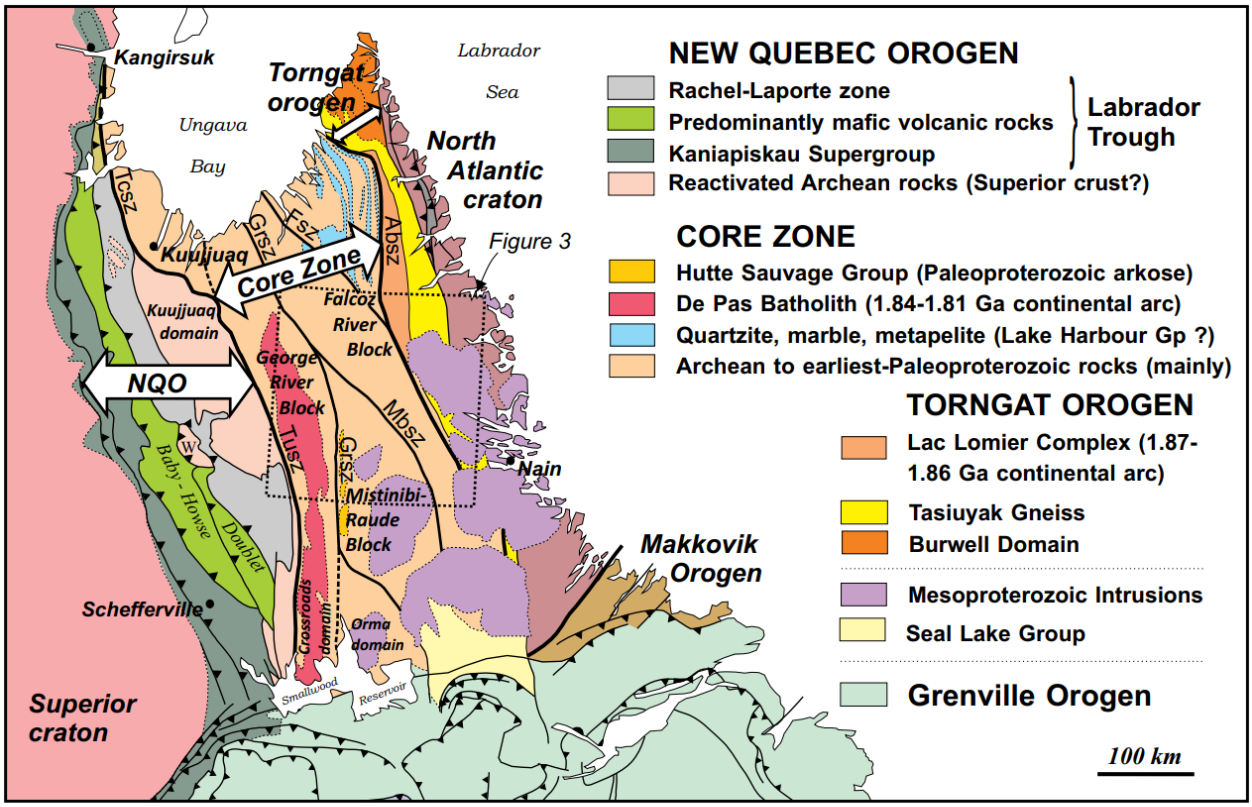


Figure 2. Simplified geological map of the Southeastern Churchill Province (SECP). Abbreviations as follows: Absz, Abloviak shear zone; Fsz, Falcoz shear zone; Grsz, George River shear zone; Mbsz, Moonbase shear zone; Tcsz, Lac Turcotte shear zone; Tusz, Lac Tudor shear zone; NQO, New Quebec Orogen; W, Wheeler dome. Location of Figure 3 shown in box. Modified after James and Dunning (2000).

Figure 14. Simplified Geology of the Southeastern Churchill Province (SECP). From Corrigan et al., 2018[3].

A detailed and concise geochronological summary of the Archean to Paleoproterozoic geological units of the SEPC (Lafrance et Godet, 2024) can be found at this address: https://gq.mines.gouv.qc.ca/bulletins-geologiques/churchill/bg-2024-01-churchill-geochronologie/

7.1.1 Labrador Trough setting

The Willbob Project is located within the Labrador Trough, in the New Quebec Orogen, part of the Churchill Province, more specifically, the SECP (Figure 13 and 14). The Labrador Trough is the foreland (western part) of the New Quebec Orogen, which is divided into two major lithotectonic domains, the Labrador Trough in the west and the Rachel-Laporte Zone in the east (Figure 13). Rocks of the Labrador Trough extend approximately 850 km from the Grenville Front in the south to the western shore of Ungava Bay in the north. The Trough is limited to the west and north by the Superior Province, to the south by the Grenville Front and to the east by the Rachel-Laporte Zone (Figure 13) (MRNF-Lexique stratigraphique[4]).

The Labrador Trough is a southwest-verging Paleoproterozoic volcano-sedimentary belt that formed between 2.17 and 1.87 billion years ago (Rohon et al., 1993; Machado et al., 1988) along the northeastern margin of the

[3] https://www.erudit.org/en/journals/geocan/2018-v45-n1-geocan03910/1050627ar.pdf
[4] https://gq.mines.gouv.qc.ca/lexique-stratigraphique/province-de-churchill_en/

Superior Province. During the New Quebec Orogeny, the belt was folded, metamorphosed (greenschist to amphibolite facies), and thrust southwestward over the Superior craton (Hocq *et al.*, 1994; Hoffman, 1990).

The Trough contains a diverse range of sedimentary and volcanic rocks deposited in environments including continental rifts, passive continental margins, ocean basins, and river environments (Hocq *et al.*, 1994). It is especially well known for its banded iron formations in the Schefferville area, as well as several horizons of basaltic lava, numerous mafic and ultramafic sills of tholeitic affinity, and as mafic to felsic units of alkaline affinity, and the Le Moyne Carbonatite Complex hosted in a sequence of rhyodacite flows, highly potassic volcanics and basalts associated with dolomitic and pelitic sedimentary rocks (MRNF-Lexique stratigraphique[5]).

In details, its geological evolution is divided into three major depositional cycles (Clark et Wares, 2004):

First cycle (ca. 2.2–2.1 Ga): Consist of an intracratonic basin (rift) sequence overlain by a passive continental margin sequence beginning with the sandstone and conglomerate of the Seward Group lying on the Archean basement (Superior Province) and interpreted as an immature continental rift phase. About 2.2 Ga ago (e.g. Hoffman, 1988; Wardle *et al.*, 2002) the first-cycle sequence would have been deposited along the northeastern margin of the Superior Province. Following the cessation of rifting, the basin evolved into a passive platform margin, resulting in the deposition of sandstone and dolomite of the Pistolet Group. The accumulation of the Swampy Bay Group basalt and flysch sequence was deposited in a marine environment after the collapsing of the platform. The last sequence is represented by the deposition of the Attikamagen Group dolomitic reef complex during subsequent marine regression.

Second cycle (1.88–1.87 Ga): The Labrador Trough units belong to the Ferriman Group of the second volcano-sedimentary cycle and form a normal sequence unconformably overlying rocks of the Superior Province. The pile consists, from base to top, of arenites (Wishart Formation), iron formations (Sokoman Formation), turbidites (Menihek Formation) and basalts (Hellancourt Formation). The sequence is intruded by mafic and ultramafic sills (Gerido Intrusive Suite) and the mafic Baie Kyak Intrusion. The Core Zone is in tectonic contact with the Labrador Trough and is interpreted as Archean terrains reworked in the Paleoproterozoic (Bilodeau et Caron-Côté, 2018).

Third cycle: Consists of the Kaniapiskau Supergroup (Frarey and Duffell, 1964). Its composed of syn or post orogenic molasse (foredeep sediments) (Clark et Wares, 2004).

The Labrador Trough is divide into ten (10) lithotectonic zones classified into three (3) groups based on distinctive criteria such as lithological assemblages, structural style and mineral deposit distribution (Clark and Wares, 2004; Bilodeau et Caron-Côté, 2018) (Figure 15):

1. Autochtonous and parautochtonous sedimentary rocks:
   Berard and Cambrien

2. Allochtonous sedimentary rocks:
   Mélèze, Schefferville and Romanet (formelly Wheeler) zones

3. Volcano-sedimentary sequences:
   Hurst Zone, Howse Zone (1st cycle), Payne, Gerido and Retty zones (2nd cycle)

[5] https://gq.mines.gouv.qc.ca/lexique-stratigraphique/province-de-churchill_en/

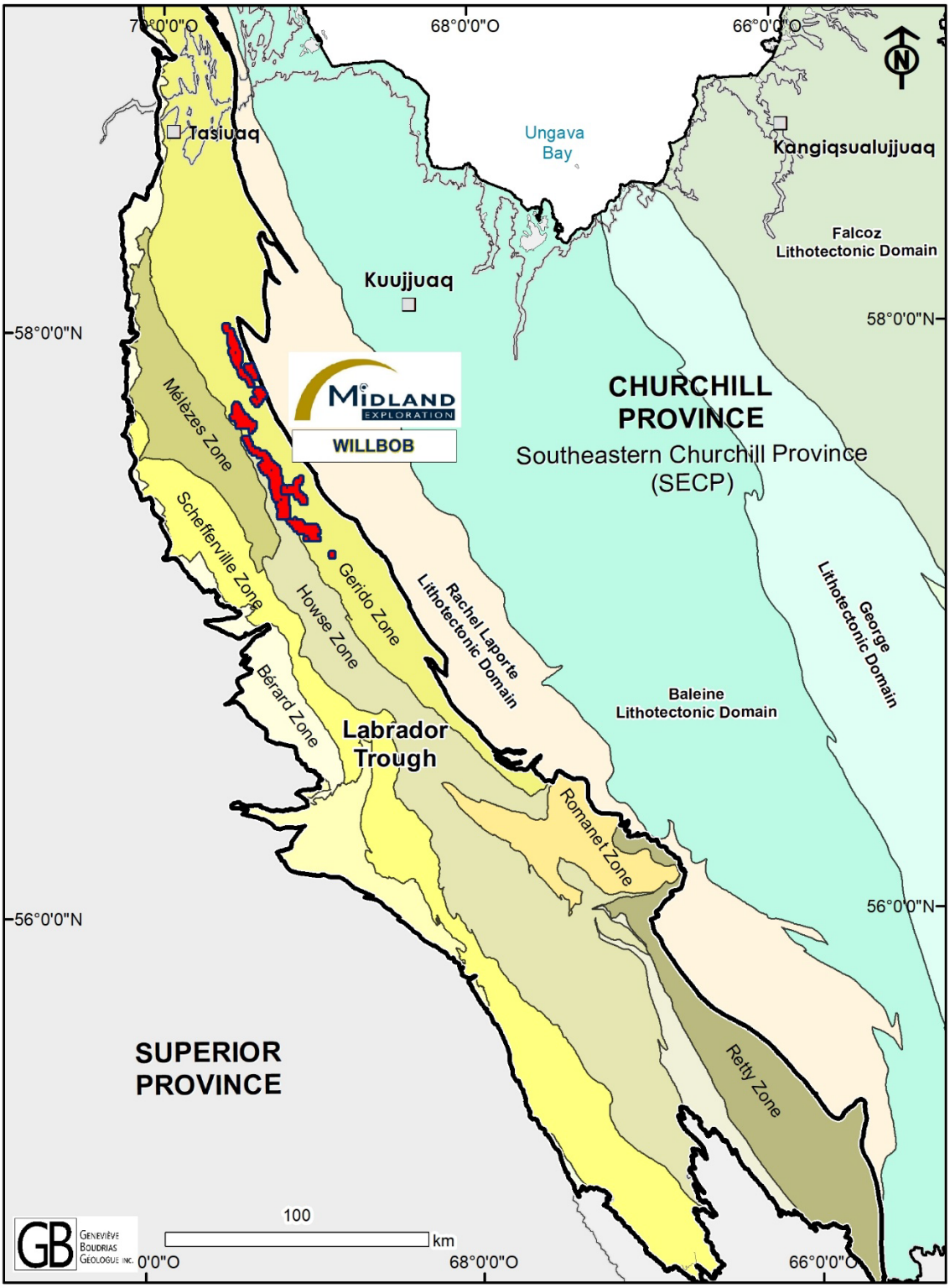


Figure 15. Labrador Trough zones
(Source: modified from: MRNF, 2021 - Interactive map. consulted in June 2026).

7.1.2 Labrador Trough Regional Geology

The source of this section is from the MRNF Sigéom Web Site: https://gq.mines.gouv.qc.ca/lexique-stratigraphique/

The Labrador Trough, as mentioned in chapter 7.1.1, is divided into ten lithotectonic zones. The zones observed in the regional area of the Willbob Project are describes as follows (**Figure 16**):

1. Montagnais Intrusive Supersuit

The Montagnais Supersuite consists of tholeiitic mafic to ultramafic intrusive rocks (Clark and Wares, 2004). It comprises two intrusive suites: the Wakuach Suite, which includes mafic sills intruded into rocks of the first volcano-sedimentary cycle of the Labrador Trough, and the Gerido Intrusive Suite, which comprises mafic to ultramafic sills intruded into rocks of the second volcano-sedimentary cycle (Bilodeau and Caron-Côté, 2018).

The Montagnais Supersuite extends along nearly the entire length of the Labrador Trough, covering more than 850 km in a general northwest–southeast (NW–SE) orientation, from the Lake Chaunet area (NTS sheet 25D08) in the north to the Grenville Front in the south. Its outcrop area occupies extensive portions of the central and eastern Labrador Trough. The cumulative thickness of the Montagnais Supersuite sills is estimated at approximately 6,000 m (Baragar, 1967).

- ⇨ Gerido Intrusive Suit

The Gerido Intrusive Suite was introduced by Bilodeau and Caron-Côté (2018) to group all sills intruding into rocks of the Labrador Trough's second volcano-sedimentary cycle (Koksoak, Le Moyne and Doublet groups). The Gerido Intrusive Suite replaces part of the Montagnais Sills unit. The other part, consisting of mafic sills intruding into the Labrador Trough's first volcano-sedimentary cycle rocks (Seward, Pistolet, Swampy Bay and Attikamagen groups), was assigned to the Wakuach Intrusive Suite. The Gerido Intrusive Suite is a lithodemic unit containing almost all of the mafic and ultramafic intrusions into the supracrustal units of the second volcano-sedimentary cycle of the Labrador Trough. This unit does not take into account the age or origin of intrusive rocks (Gerido Intrusive Suite. Quebec Stratigraphic Lexicon).

The **Kaniapiscau Supergroup** comprises three tectonostratigraphic cycles (Dimroth et al., 1970; Wardle and Bailey, 1981; Clark, 1988; Clark and Thorpe, 1990; Clark, 1994). In the Willbob Project area, only two of its geological groups are represented and described below.

2. Koksoak Group

The Koksoak Group is an allochthonous volcano-sedimentary unit belonging to the second tectonostratigraphic cycle of the Labrador Trough. It comprises the turbiditic and iron-rich strata of the Baby Formation at its base, directly overlain by the basaltic volcanic rocks of the Hellancourt Formation. The Koksoak Group is interpreted to have been deposited in a basin located east of the Ferriman Group platform succession (Clark and Wares, 2004). Facies variations within the lower sedimentary units of the Koksoak Group indicate deposition in a basin that progressively deepened eastward (Clark, 1988; Goutier and Wares, 1991; Wares et al., 1988; Wares and Goutier, 1990a).

- ⇨ Hellencourt Formation

  Massive or pillowed basalt, with minor mafic pyroclastic rocks, mudrock, and amphibolite.

⇨ Baby Formation

The Baby Formation is an allochthonous volcano-sedimentary unit that constitutes the lower part of the Koksoak Group (Clark and Wares, 2004). The fromation is divided into three (3) members (Upper Baby, Middle Baby and Lower Baby members) and comprises six informal lithostratigraphic units:

- Mudstone, phyllite, slate, and siltstone unit, locally micaceous or carbonate-bearing;
- Dolostone, diopside marble, calcareous schist, and calc-silicate rock unit;
- Wacke unit containing interbedded conglomerate (turbidite) layers;
- Quartzose sandstone, sandstone, and quartzite unit;
- Basalt unit composed of massive and pillowed flows, with amphibolite;
- Pelitic schist unit containing quartz, biotite, muscovite, and locally garnet, together with slate, black mudstone, and phyllite.

Metamorphic grade within the Koksoak Group increases from greenschist facies in the west to amphibolite facies in the east and at the northern end of the Labrador Trough (Dimroth and Dressler, 1978; Fraser et al., 1978).

3. Attikamagen Group

The Attikamagen Group is an allochthonous unit of sedimentary rocks in the upper part of the first volcano-sedimentary cycle of the Labrador Trough (Clark and Wares, 2004). It consists mainly of dolomite belonging to the Denault Formation, which is present along most of the length of the Trough. It comprises three (3) formations: Dolly, Fleming and Denault. Only the Denault Formation is relevant to the project.

⇨ Denault Formation (formerly Abner Formation)

The Denault Formation is an allochthonous volcano-sedimentary unit forming the base of the Attikamagen Group.

Predominantly composed of dolomite, sandy dolomite, dolomitic sandstone, breccia and intraformational conglomerate, stromatolitic dolomite, interstrtified siltstone, shale and fine-grained sandstone. This formation is divided into 13 subdivisions. For subdivision details, refer to the MRNF - Stratigraphic Lexicon[6]

The economic potential of the Denault Formation lies in epigenetic lead-zinc mineralization hosted in stromatolitic dolomites (Clark and Wares, 2004).

[6] https://gq.mines.gouv.qc.ca/lexique-stratigraphique/province-de-churchill/formation-de-denault_en/

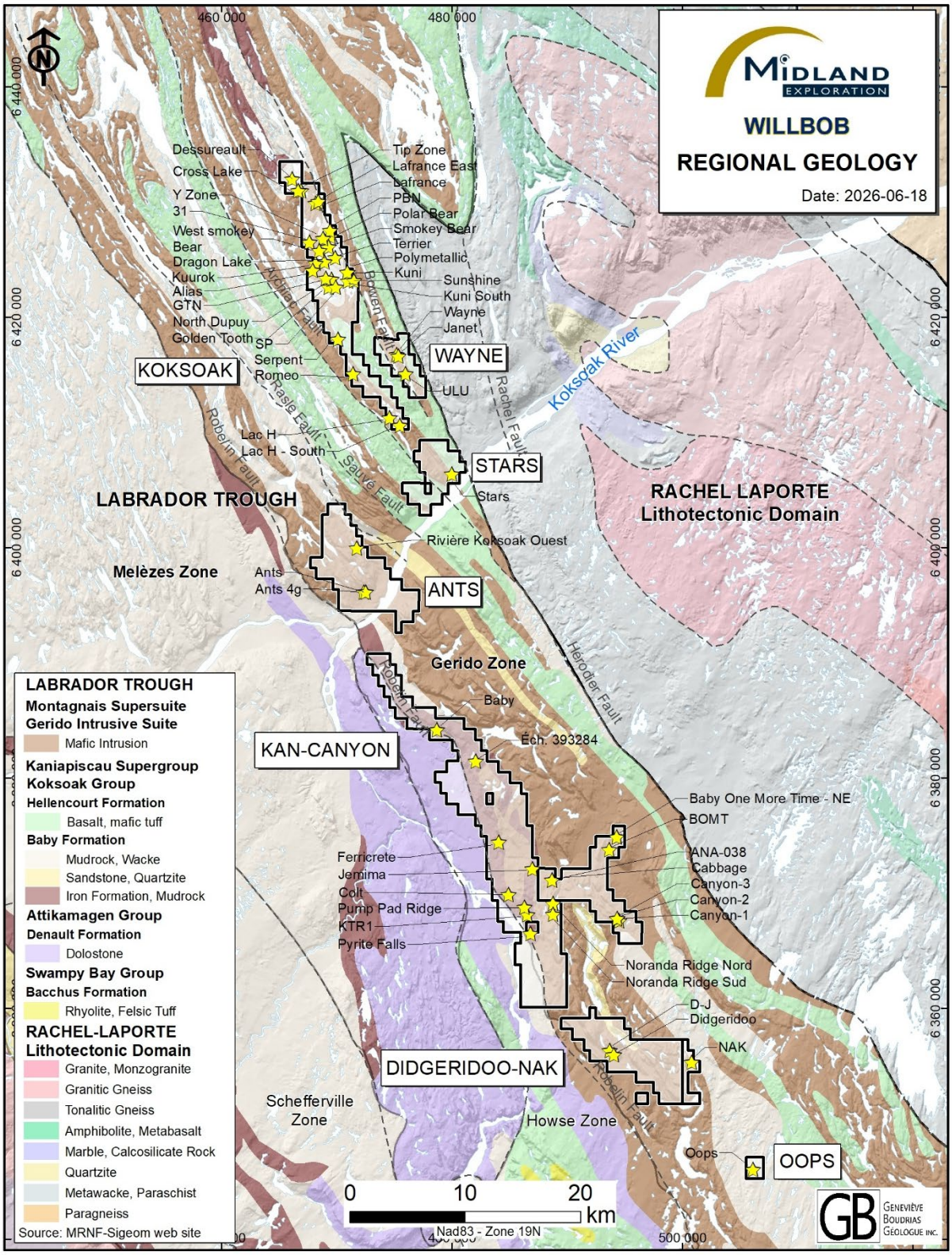


Figure 16. Labrador Trough Stratigraphic Formations and lithologies
(Source: modified from: MRNF, 2021 - Interactive map. consulted in June 2026).

7.1.3 Structural geology

From Bilodeau et Caron-Côté (2018), the entire Churchill Province (Labrador Trought and Core Zone) was affected by the New Quebec Orogenesis. The direction of tectonic constraints has evolved over time, changing the tectonic style (Madore et Larbi, 2000).

This event is associated with at least two distinct deformation phases:

1. A shortening phase related to the generation of thrust faults and regional folds;
2. A transpressional tectonic episode that causes rocks of the Bonnard Domain to overthrust those of the Payne Domain, via the Virgin Deformation Corridor, accompanied by dextral strike-slip along this latter structure.

From Clark et Wares (2004), most of the structures within the fold belt are attributed to oblique dextral collision between the Archean internal zone of the orogen to the east and the Superior Province to the west (Hoffman, 1989, 1990b; Wardle et al., 1990b, 2002). The regional structural fabric of the fold belt trends NNW–SSE, and folds generally plunge toward the SSE at an average angle of approximately 15°. Collision-related structures include the major mapped folds and several generations of thrust faults, some of which, such as the Rachel Lake and Olmstead Lake faults, also exhibit a dextral strike-slip component (Goulet, 1987; Goulet, 1995). The Tudor Lake Fault, located in the orogenic hinterland, is a major dextral transpressional structure with both strike-slip and thrust components. Near Ungava Bay, the Turcotte Lake Fault may represent its northern equivalent (Wardle et al., 2002).

Recent field investigations indicate that the basal detachment underlying the Proterozoic succession north of Payne Bay accommodated an early phase of southeast-directed displacement (Madore and Larbi, 2000). These early structures were subsequently reactivated during a later phase of southwest-directed deformation (Madore and Larbi, 2000; Goulet, 2001).

At least four phases of deformation are recognized in the northern Labrador Trough (Wares and Gouthier, 1990) (Table 4). The two earliest phases of deformation are best recorded in the Rachel Zone where they correspond to the development of a basal décollement (D1) and NW transport of basement-cored Pennine-style nappes (D2) (Richard, 2024). The third deformational event (D3) encompasses the main stage of compression and is characterized by a SW to WSW transport direction. In the Baby zone, this event is preserved as two increments of deformation: the D3 (early) and D3' (late) stages. D3 in the foreland is characterized by penetrative schistosity, isoclinal folds and sheath folds. D3 folds trend NW to NNW and are overturned to the SW. D3 thrust faults are mostly bedding parallel in the Gerido and Thévenet domains, as indicated by a paucity of stratigraphic repetition within younger (D3') thrust slices. The main tectonic fabric of the orogen is the result of D3'. This event is recorded in all four zones. In the Baby and Rachel zones, it produced NW- to NNW trending, open to tight, large-scale, upright to overturned folds with axial planer crenulation cleavages. D3 faults, such as the bedding-parallel thrusts at the base of the Hellancourt Formation, are folded by D3' structures. D3' high-angle reverse faults are abundant, truncate D3' folds, and are limited to the Gerido and Thévenet Domains. The Robelin and Archiac faults are D3' structures that separate the Mélèzes and Gerido and Gerido and Thévenet Domains, respectively. D4 is observed in the Chioak and Baby zones; it resulted in NE-trending upright open folds that created local dome and basin patterns with D3' folds (Wares and Gouthier, 1990; Richard, 2014).

TABLE 4. Resume of the four major structural events affected the Labrador Through.

Event	Description
D1	• Predominantly found in sedimentary units • NNE-trending penetrative schistosity, isoclinal folds dipping toward the NW, and sheath folds • Detachment zone (Base of the Hellancourt Formation) • The Robelin, Archaic, Hérodier, and Garigue Faults
D2	• Mostly found in the Rachel and Kuujjuaq areas (not identified in the study area) • Formation of straight, open folds-oriented E–NE
D3	• Coaxial to D1 • Folds oriented NW-NNW, straight or dipping toward the SW
D4	• Straight folds and normal faults to the northeast • Axial cleavage • Interference pattern (Type 1-3, Ramsay 1967), with D3

Source : *Moorhead (1989), Moorhead et Hynes (1990) Goulet (1987), Goulet et Wares in Hébert et al., 2022. Explo Abitibi Presentation.*

7.2 Property Geology

The Willbob Project is located within the Labrador Trough, in the Gerido geotectonic Zone.

7.2.1 General description

The description of the geology of the project is divided into 6 blocks and described from north to south:

7.2.1.1 Koksoak Block and Wayne Block

Almost the entire project area (**Figure 17**) is underlain by rocks of the Montagnais Supersuite, predominantly those of the Gerido 2 Intrusive Suite and with minor amounts of Upper Baby 1 Member. The northern portion of the Project is characterized by an antiform–anticlinal fold (SIGÉOM). The fold comprises an alternating sequence of sedimentary rocks of the Upper Baby 1 Member, iron formation and metachert of the Middle Baby Member, and gabbro of the Gerido Intrusive Suite. The middle, near the Dupuy Lake, is represented by intense folding of Baby Formation sediments and Montagnais sills and the absence of the Hellancourt volcanics rocks (Richard, 2025). The folds are mainly composed by the quartziferous gabbro and quartziferous diorite of the Gerido 4 Intrusive Suite, the gabbro of the Gerido 2 Intrusive Suite and the sedimentary rocks of the Upper Baby 1 Member. Toward the southern part of the Project, pillowed basalt (Hellancourt 1 Formation) and massive basalt (Hellancourt 2 Formation) become progressively more abundant. Mudstone, siltstone, and graphitic black slate units are also observed (Upper Baby 1 and Baby 7 Members). Many high grade showings of Wayne (32.7 g/t Au) and Janet (140.5 g/t Au) are associated with these units (Richard, 2025). The Wayne Block consists essentially of the same units. The eastern boundary of the Wayne Block is defined by the dextral-reverse Hérodier Fault. To the west, the reverse Bowen Fault trends northwest–southeast, transects the Project area, and continues along the eastern boundary of the Koksoak Project (**Figure 17**).

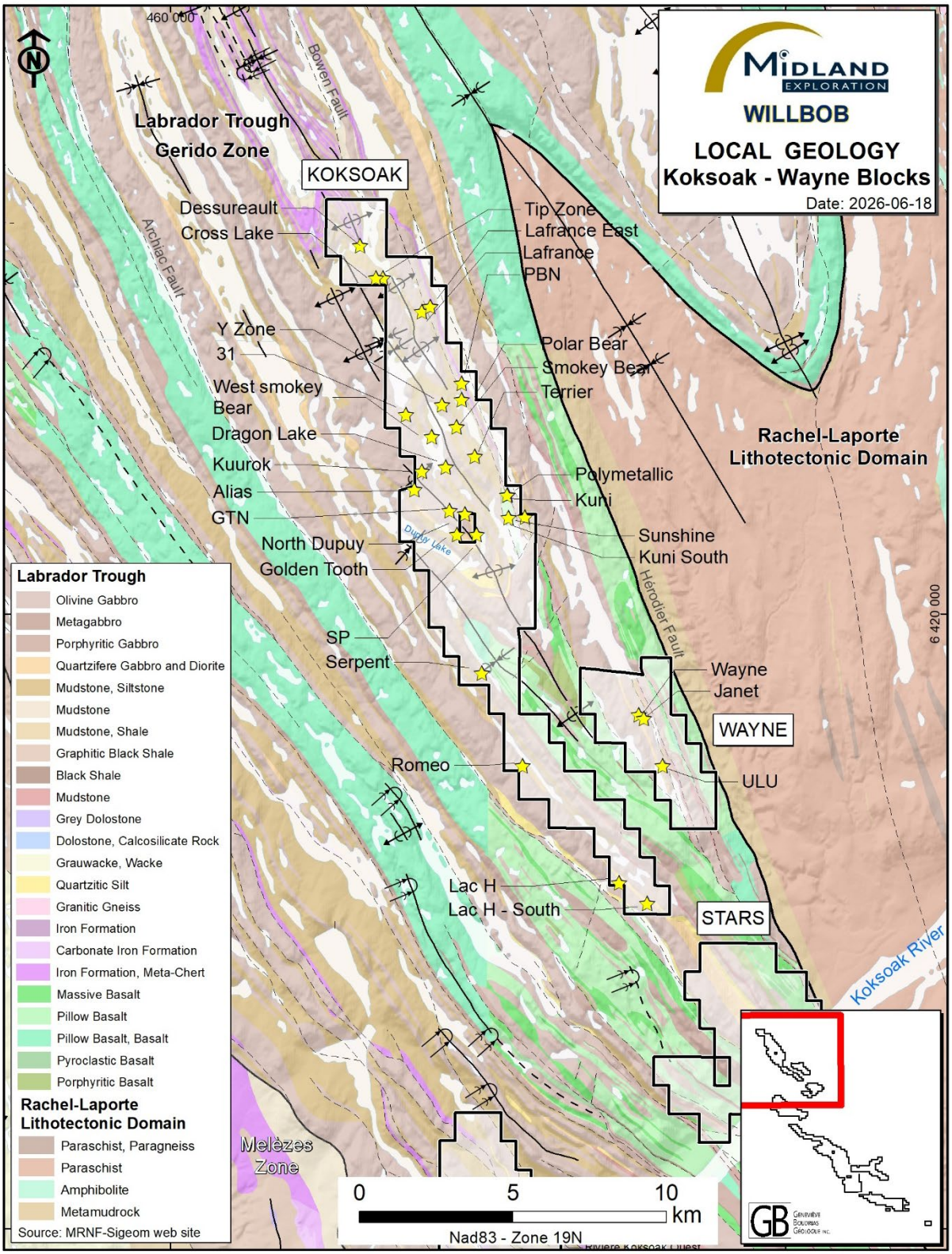


Figure 17. Koksoak and Wayne Blocks geology

7.2.1.2 Stars Block

The Stars Block consists of essentially the same lithological units as the Koksoak and Wayne areas. The stratigraphic sequence is characterized by alternating units of pillowed basalt, massive basalt, gabbro, and graphitic black mudstone/shale (Figure 18). The overall sequence is less deformed and folded than the Koksoak sequence. The eastern limit of the Block is defined by the Hérodier Fault, whereas the Archiac Fault cuts across the project area in a northwest–southeast direction.

7.2.1.3 Ants Block

This area is characterized by an alternation of gabbro and iron formation units. Many mapped diorite/quartz gabbro are yet to be confirmed as many of these are not outcropping, covered with superficial deposits (Richard, 2025). Ants Block is characterized by several faults trending NW-SE and is comprised to the west by the Robelin Fault and to the east by the Rasle Fault (Figure 18). At Ants, gold is associated with the altered diorite unit which dip with a low angle. This unit have been followed by DDH over 100's of metres and is open in many directions at depth (Richard, 2025).

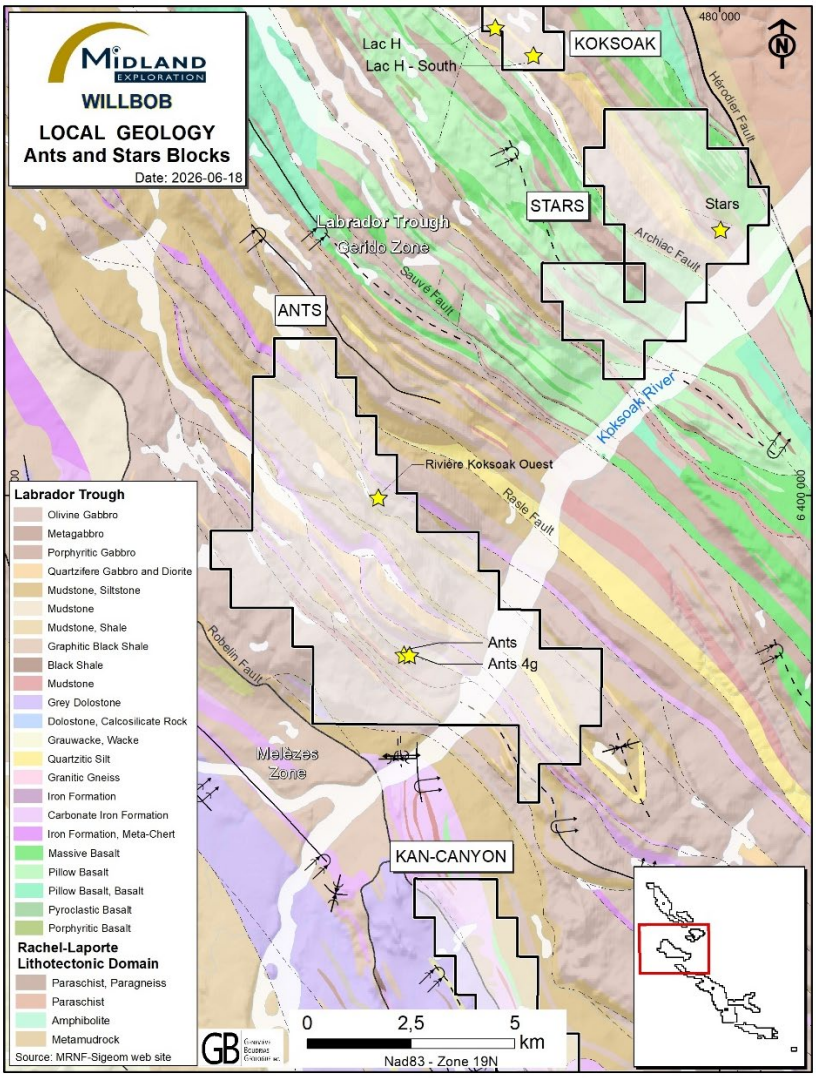


Figure 18. Stars Block geology

7.2.1.4 KAN-Canyon Block

The Canyon Block is characterized by the presence of numerous sedimentary rocks belonging to the Baby Formation (Richard, 2025). From the west, the lithologies are dolomite (Denault 2 Formation), iron formation, phyllades, sulfur-bearing graphitic phyllades, turbidites, basalts (Middle Baby 1 Formation), carbonated gabbro (Gerido 2 intrusive Suite), mudstone and siltstone (Superior Baby 1 Member) and some units of quartziferous silt and conglomerate (Superior Baby 2 Member). A small unit of basalt is present, just east of the Colt showing (Figure 19). The Baby middle Member is overlain by a sequence of turbidites, quartzitic sandstones and phyllites that correspond to the Baby upper Member. Structurally, the sector is characterized by the Canyon synform and a complex network of faults. Gabbroic Montagnais sills are common in this part of the project, but no diorite has been reported until now. Lithological units in this area have NNW-SSE trend and most of them are separated by inverse faults. Lateral facies variation makes it difficult to correlate the different observed iron formations across the property. However, in general, the oxidized facies are observed in the eastern part whereas the carbonate and silicate facies are more common in the median and western part of the Trough. The sulphide rich iron formation is found sporadically in the western part of the Trough and lies on top of the sequence. It is difficult to estimate the exact thickness of the middle members of the Baby Formation mainly due to the presence of thrust faults, folding and by the presence of numerous gabbro sills. The most obvious polarity indicator was observed as a normal sorting in polygenic conglomerate of the median Baby Formation indicating a polarity younging oriented towards 110°N. Other indicators of normal sorting were observed in the carbonate iron formation near the Ferricrete showing (Tremblay & Lee, 2018). Figure 20 shows the evolution of stratigraphy from West to East.

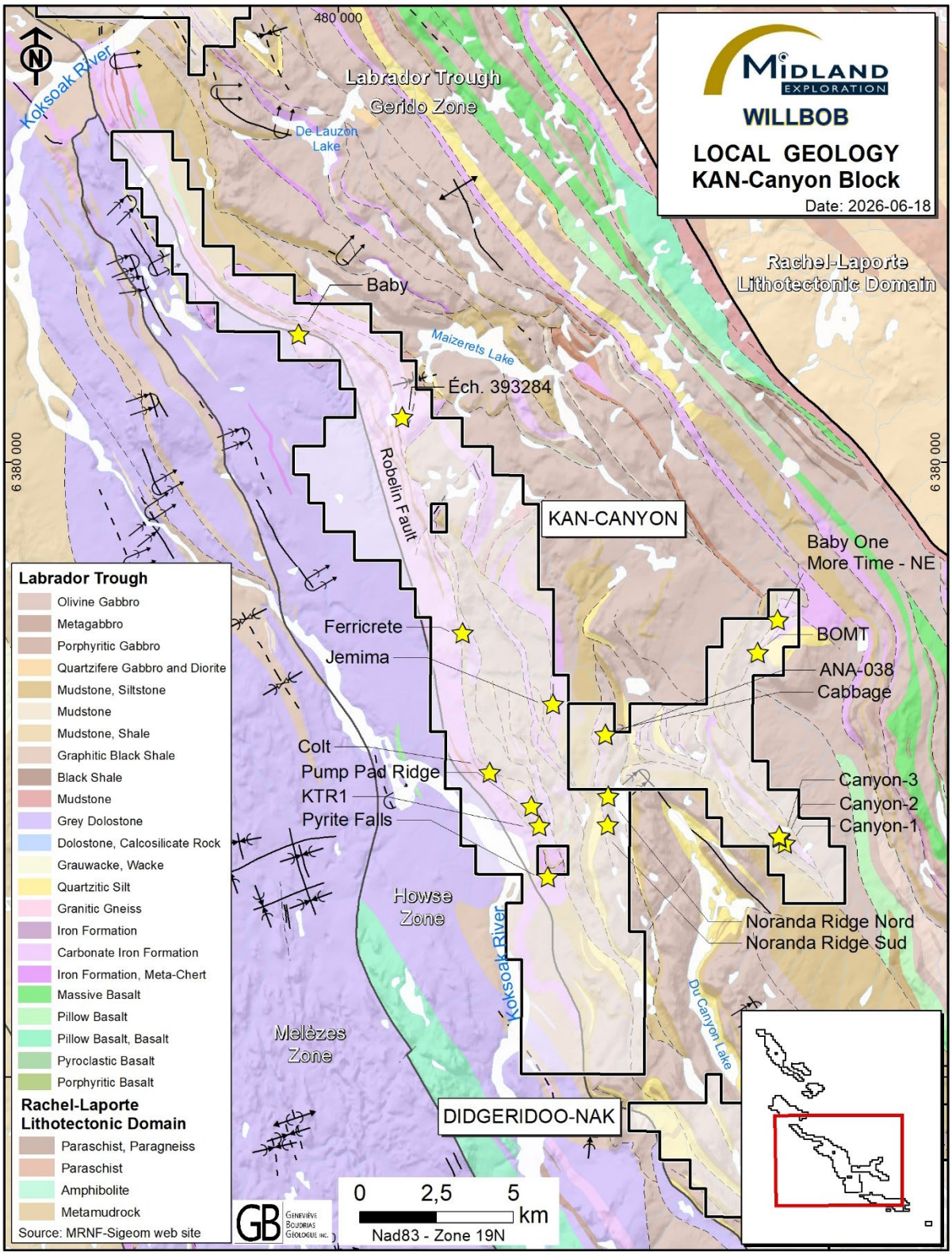


Figure 19. KAN-Canyon Block Geology.

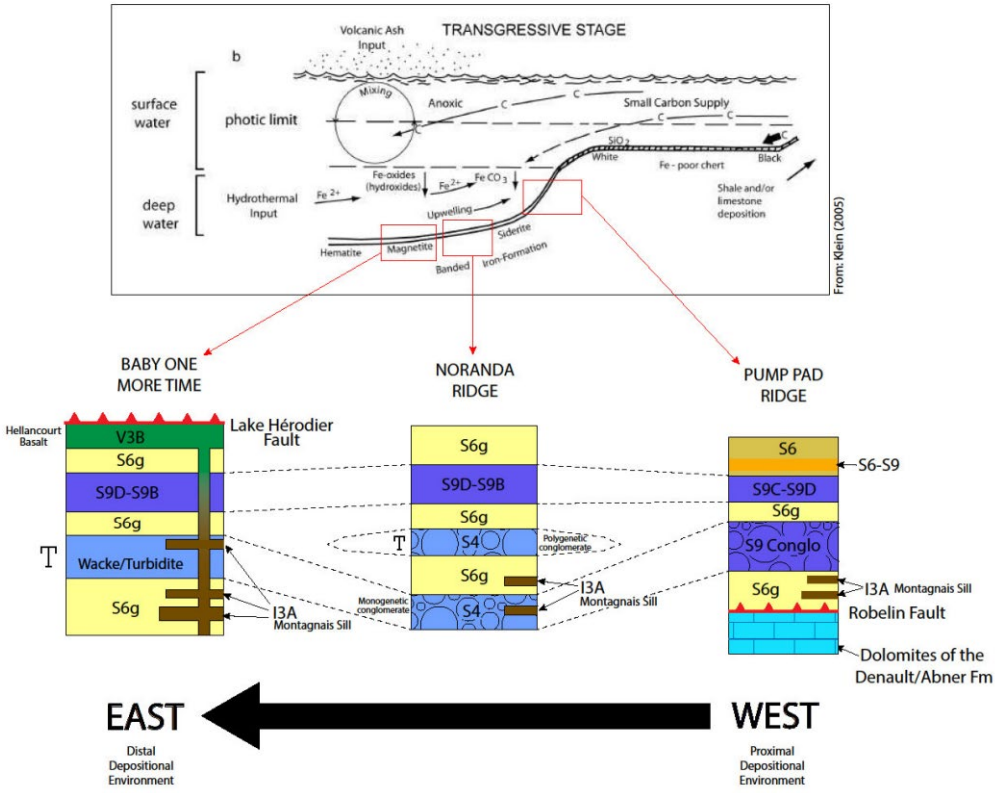


Figure 20. Evolution of the stratigraphy from West to East (Modified from Klein et Beukes, 1989 and Klein, 2005 in Tremblay et Lee, 2018)

7.2.1.5 Didgeridoo-NAK Block

The Block is bordered to the west by the Robelin Fault and characterized by a lot of Montagnais sills and the presence of quartzites and conglomerates (**Figure 21**). These polymictic conglomerates are deformed and metamorphosed. They contain fragments of dolomite and iron formation crosscut by tension quartz veins. The conglomerate itself is crosscut by quartz veining, meaning it is synorogenic in nature. There is also a large syncline fold that characterizes the area and a complex system of faults and folds (Tremblay et Lee, 2018).

7.2.1.6 Opps Block

From Richard (2025), the Oops Block is comprised in the sedimentary Baby Formation. An iron formation outcrop returns gold in quartz veins. The first derivate of the magnetic survey shows a strong signature that could represent an open folded iron formation (**Figure 22**). The gold showing found by Osisko yielded 2.14 g/t Au and seems to be at the hinge of the fold. The first fieldwork by Midland in this area was in 2025.

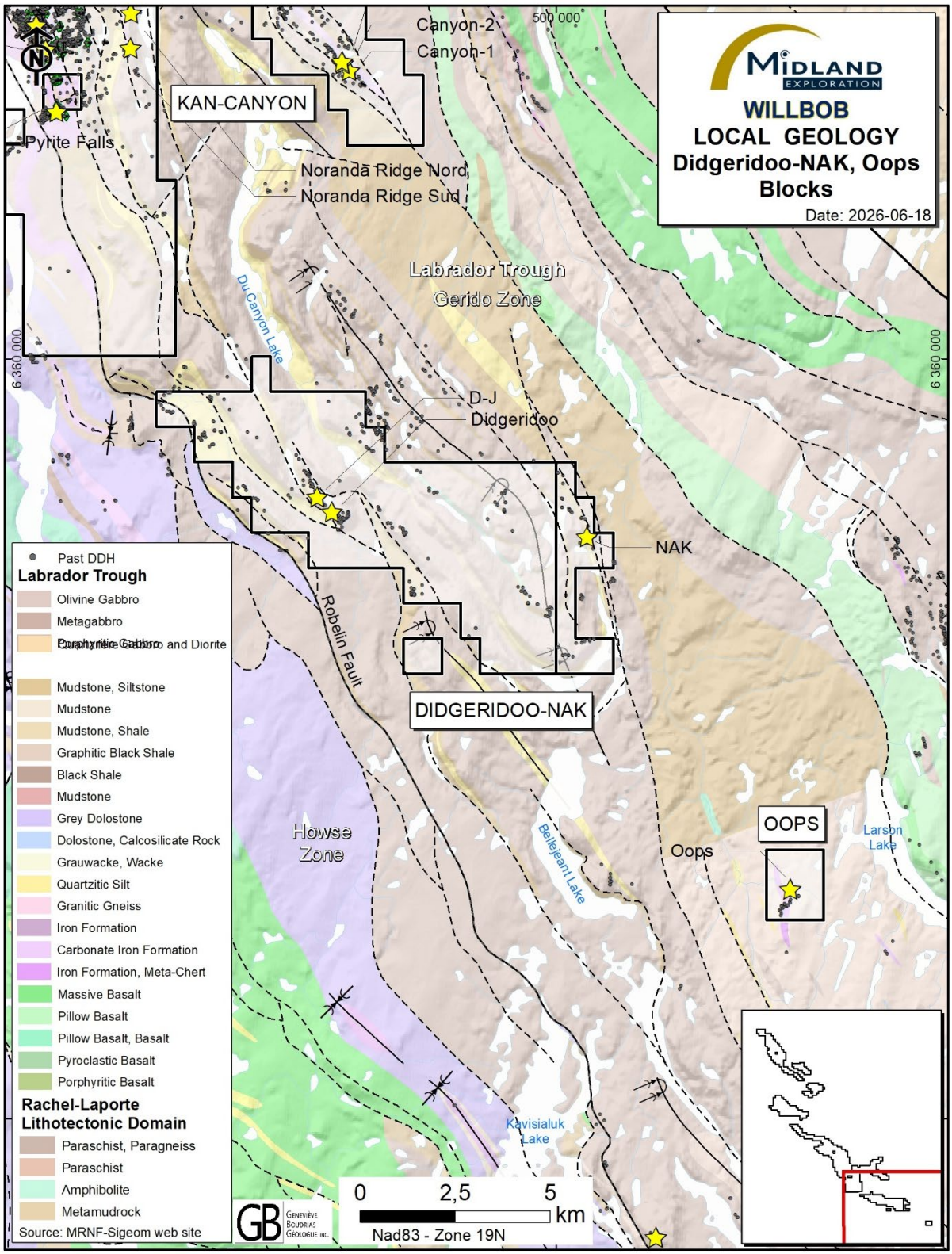


Figure 21. Didgeridoo-NAK Block and Oops Block Geology

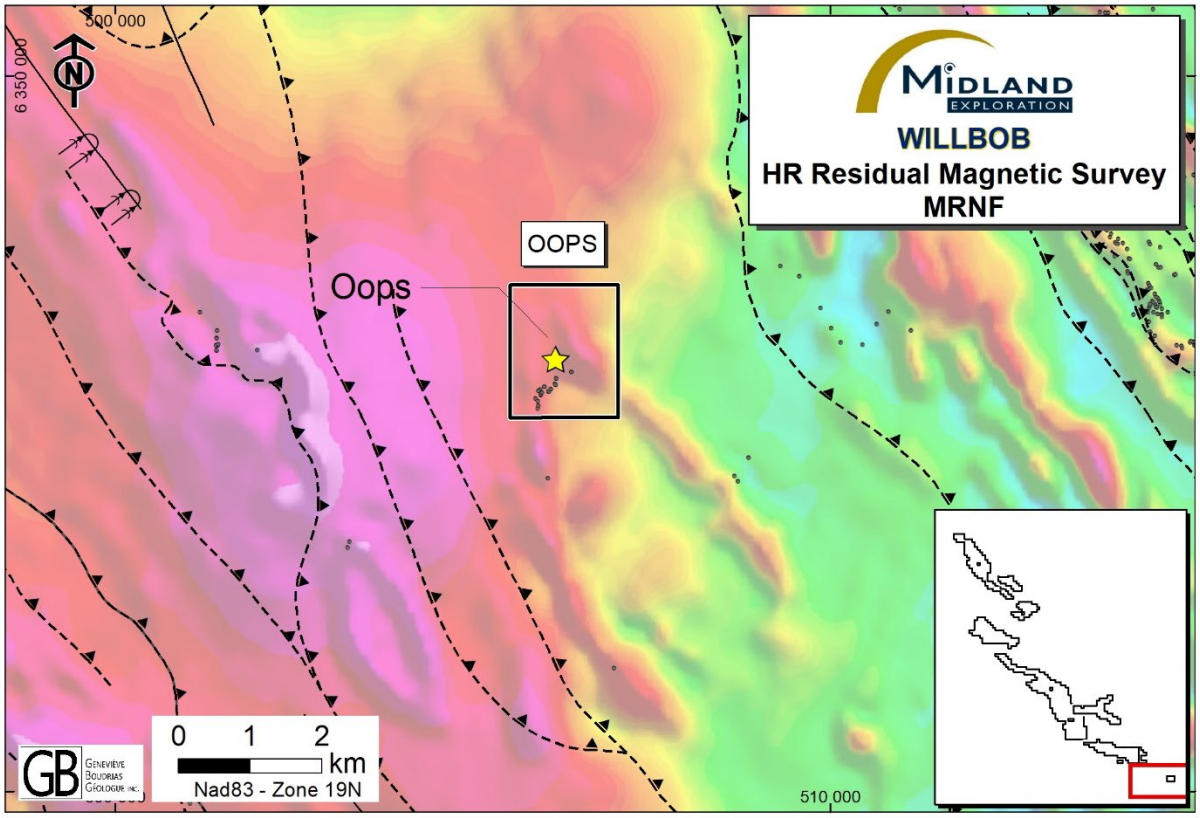


Figure 22. Oops showing and Sigéom – Residual Magnetic Survey (Source: MRNF)

7.2.2 Structure

On the Kan-Canyon Block, from Tremblay et Lee, 2018, the deformation regime observed at the project scale can be related to two major compression events. The first one is related to a dextral transpressive convergence-oriented NE-SW and is referred to as "*D1*". This transpressive convergence regime is mentioned by many other authors during the last decades (Hoffman, 1990; Wardle at al., 1990; Corrigan et al., 2009) and explains the major fabric orientation in the Trough. Applied to a smaller scale, this deformation event explains the NNW-SSE overturned isoclinal folding in the Ferricrete Area as well as the overturned folding observed in the Pump Pad Ridge Area. In particular, the Pump Pad Ridge folding is characterized by an axial plan oriented N270°/15° with a fold axis plunging to ESE. The axial plane appears to be deformed; it turns slightly to the south when moving eastward and turns to the north when moving westwards. This geometry can be explained by a transpressive convergence regime, which would have created a sigmoidal fold axis pattern with dextral movement along the thrust fault, as explained in the Woodcock and Schubert (1994) model. The geometry of the Pump Pad Ridge area must be catalyzed by the anisotropy between the big body of gabbro to the north and dipping under the E-W folding. The second deformation event is related to an E-W compression, referred to as "*D2*". This late event created open, penetrative folding oriented N350/80° with a fold axis that varies depending on the position relative to D1.

7.3 Mineralization

The Labrador Trough contains deposits typical of a Paleoproterozoic volcano-sedimentary belt developed on the margin of an eroded Archean continent following crustal rifting. In addition, several epigenetic deposits are related to the movement of hydrothermal fluids during tectonometamorphic events associated with the formation of orogeny. The type of deposits found in orogeny are similar to types of economic deposits observed worldwide in rocks of similar age (Meyer, 1988, Tremblay et Lee, 2018).

From Richard (2024), many showings were found on the actual Willbob Project. Around 40 gold showings were found on the Willbob Project and over 30 of them were found by Midland since 2014. Most of the gold showings discovered by Midland are associated with quartz veins in alteration zones, mostly ankerite-chlorite-albite, injected in diorite or gabbro. In that type of mineralization, a close association with pyrrhotite or arsenopyrite is observed on many gold showings. It appears that pyrrhotite is most likely to be associated with high gold values. Other gold showings found by Osisko between 2013 and 2017 are now part of the Willbob Project (BOMT, Canyon, Oops, among others). These showings are quartz veins injected into carbonated iron formation. Finally, gold can be found in volcanogenic massive sulfide as is the case with the Stars Showing.

Table 5 summarizes the different gold showings found over the year on the actual Willbob Project and map of the showings details is provided in Appendix IV.

TABLE 5. Gold showing (Au >1 g/t) summary (Modified from Richard, 2025)

Project	Showing Name	Year Discovery	Coordinates*		Results	Description of mineralization
			East	North		
Ants	Ants	2018	472398	6396152	Channel : 0.81 g/t Au over 5.8 m; Grab : 1.8, 1.64, 1.3 and 1.15 g/t Au	Disseminated pyrrhotite-chalcopyrite and minor quartz veins in a strongly chloritized and ankeritized quartz diorite.
	Ants 4g	2018	472536	6396147	Channel: 1.50 g/t Au over 7m, incl. 2.52 g/t Au over 3.8m; Grab : 4.27 g/t Au	Ankeritized, chloritized and rusty diorite with 5% pyrrhotite and 0.3% chalcopyrite in clusters, presence of 1 cm rusty tension veins with traces of visible gold.
	Rivière Koksoak Ouest	2013	471784	6399937	Grab :1.27 g/t Au, 31.3 g/t Ag, 11.3 % Cu	3 m long by 0.3 m wide sheared zone with quartz veins cutting a gabbro.
Digeridoo-NAK	Didgeridoo	2017	494101	6355970	Channel : 1.37 g/t Au over 6.1 m; Grab : 2.77, 2.35, 1.82, 1.35, 1.235 and 1.20 g/t Au	Shear zone with abundant fault-filling quartz- calcite veins and veinlets, along with minor disseminated pyrrhotite-chalcopyrite within the veins and in the strongly chloritized host gabbro.
	D-J	2001	493720	6356367	Grab : 2.80 g/t Au, 0.12% Cu, 0.02% Ni; 1.12 g/t, Au, 0.05% Cu	The mineralization is in quartz veins containing 3-5% clusters of pyrrhotite (1-3%) and chalcopyrite (2-3%) and in an altered gabbro with blue quartz eyes where sulphides are in fractures (2-3% pyrrhotite, traces of chalcopyrite) and sometimes diffuse to reach 5% disseminated grains.

Project	Showing Name	Year Discovery	Coordinates*		Results	Description of mineralization
			East	North		
	NAK	2017	500813	6355323	Grab : 6.28 g/t Au	Rusty tension-type quartz vein cross-cutting sediments with 3% pyrrhotite-galena-sphalerite in clusters and veinlets.
KAN-Canyon	ANA-038	2017	48871	6371123	Grab : 2.55 g/t Au	Quartz vein in oxidized iron formation
	Baby	1994	478736	6384165	Grab : 1.67 g/t Au	Stratiform mineralized zone marked by a series of subanomalous gold samples, within a sedimentary rock sequence predominantly composed of alternating iron silicate formations and graphitic shale. The mineralization consists of disseminated pyrite and pyrrhotite.
	Baby One More Time-NE	2017	494321	6374867	Grab : 3.59 g/t Au	The mineralization is found in a moderately to strongly oxidized zone of the iron-silicate formation interstratified with sedimentary rock sequences (turbidites) and cut by quartz veins and veinlets.
	BOMT	2013	493661	6373794	Grab : 1 g/t Au and 2.4 g/t Au, Channel : 3.7 g/t Au over 2.5m	quartz-chlorite-sulfides vein hosted by a silicate iron formation unit with 4-5 % pyrrhotite inside the quartz vein
	Cabbage	2017	488710	6371123	Grab : 2.55 g/t Au	The mineralization is associated with quartz veins cutting a folded iron formation with an axial plane oriented at 156° and plunging at 36°.
	Canyon-1	2019	494547	6367590	Grab : 10.2g/t Au	White and rusty quartz vein mineralized with 1% pyrrhotite and 0.2% chalcopyrite. Host rock is an altered iron formation.
	Canyon-2	2019	494383	6367781	Grab : 18.55, 4.94 and 1.01g/t Au.	Altered iron formation injected with irregular, centimetric and mineralized quartz- ankerite-chlorite veins. Strong chloritization. 1% Po-Py associated with veins.
	Canyon-3	2019	49437	6367824	Grab : 16.85g/t Au	Rusty and smoky quartz-ankerite-chlorite vein mineralized with 0.5% PO and Traces of CP. Host rock is an iron formation strongly ankeritized.
	Colt	2015	484955	6369892	Grab : 58.5 g/t Au and 13.8 g/t Au.	The mineralization is associated with deformed chloritized and ankeritized

Project	Showing Name	Year Discovery	Coordinates*		Results	Description of mineralization
			East	North		
					Channel : 1.56 g/t Au over 0.5m.	quartz veins (5 to 15%) containing traces of sulfides, injected into an iron carbonate formation.
	Éch. 393284	2015	482101	6381460	Grab : 1.515 g/t Au	The mineralization is associated with a quartz vein contained within a silicate iron formation.
	Ferricrete	1993	484066	6374444	Grab : 20.3, 14.16, 12.8 and 10.45 g/t Au. Channel : 10.0 g/t Au over 13.2 m. DDH : 6.3 g/t Au over 3 m, 5 g/t Au over 6 m.	Mineralization is disseminated within folded quartz veins contained in iron carbonate and silicate formations. Fracture filling stockwork zones of quartz-pyrrhotite veins are present within the iron formation. A few visible gold grains were observed on quartz vein fragments near its western end.
	Jemina	2017	487007	6372122	Grab : 6.81 g/t Au	The mineralized zone is characterized by an iron silicate formation containing quartz veins with fibroradiated grunerite.
	KTR1	2011	486562	6368151	Grab : 79.5 and 11.8 g/t Au. Channel : 3.68 g/t Au over 1.5 m, 1.1 g/t Au over 8 m. DDH : 4.22 g/t Au over 5 m.	Gold mineralization is associated with veins or veinlets of quartz-carbonate cutting through iron carbonate and silicate iron formations. Gold is found in 10 to 15-cm quartz veins with 5% ankerite and 2% pyrrhotite in clusters concentrated mainly in the vein walls. Traces of chalcopyrite have also been observed. The mineralization is controlled by structures cutting the iron formations, particularly where the latter are highly folded and intensely deformed.
	Noranda Ridge Nord	1987	488802	6369115	Grab : 5.5 g/t Au. Channel : 4.64 g/t Au over 1.3 m.	The mineralization is found in quartz veins contained within a metamorphosed and rusty iron carbonate formation in contact with a gabbro. The presence of chlorite masses in the quartz veins are noted.
	Noranda Ridge Sud	1987	488795	6368189	Grab : 1.79 g/t Au	The mineralization is found in quartz veins cutting iron formations in the middle Baby Member. The mineralization consists of pyrite and

Project	Showing Name	Year Discovery	Coordinates*		Results	Description of mineralization
			East	North		
						pyrrhotite disseminated within quartz veins.
	Pump Pad Ridge	2011	486312	6368794	Grab : 17.8 g/t Au. Channel : 11.6 g/t Au over 3 m, 10.7 g/t Au over 5 m. DDH : 3.05 g/t Au over 11.5 m, 1.99 g/t Au over 21.1 m.	Gold mineralization is associated with a stockwork of quartz-ankerite-magnetite veins and veinlets cutting through carbonate and silicate iron formations. Most of the quartz veinlets are oriented north-south and cut through the bedding of the east-west oriented iron formation.
	Pyrite Falls	1987	486845	6366504	Grab : 6.0 and 7.31 g/t Au. Channel : 13.35 g/t Au over 2.1 m. DDH : 22.2 g/t Au over 0.8 m.	Gold mineralization is found primarily at the contacts between the iron formation and quartz veins. Disseminated pyrite (<8%) is found in the iron formation and is also associated with the quartz veins
Koksoak	31	2006	467665	6426500	Grab : 31.3 g/t Au	Quartz vein, chloritized and calciterized, small pods of arsenopyrite 4-5 cm.
	Alias	2017	467946	6424057	Grab : 72.7, 48.6, 19.95, 2.72, 2.58 and 2.28 g/t Au	Set of highly rusty subcropping angular boulders from 30 to 80 cm with decimetre thick quartz veins with massive pyrite and traces of chalcopyrite in a strongly ankeritized gabbro containing 2% disseminated pyrite.
	Cross Lake	2017		6430943	Grab : 8.82 g/t Au, 39.20 g/t Ag; 1.28 g/t Au; 1.03 g/t Au	Irregular quartz-ankerite injection zone in chloritized and sericitized mudrock with traces galena and sphalerite.
	Dessureault	1987	466176	6431990	Grab : >15 g/t Au, 9.3 g/t Au; Channel : 12.13 g/t Au over 3.18 m, 9.97 g/t Au over 1,10 m, 4.56 g/t Au over 1.0 m.	The mineralization is disseminated to massive pyrite and pyrrhotite with some arsenopyrite in silicate and carbonate facies iron formation 50 to 60 metres thick. Pyrite exists in large idiomorphic cubes up to 2 cm edge.
	Dragon lake	2016	468964	6424783	Grab : 2.42 g/t Au	Quartz-calcite-chlorite vein at contact between gabbro and sediment, traces sulfides.
	Golden Tooth	2015	469322	6422600	Grab : 25.2, 5.72, 6.89, 4.87, 4.84, 4.53 g/t Au, etc.; Channel : 1.68 g/t Au over 3m	Quartz-albite injections traversed by multiple massive and millimetric arsenopyrite veinlets into a silicified, ankeritized and hematized felsic intrusion with

Project	Showing Name	Year Discovery	Coordinates*		Results	Description of mineralization
			East	North		
						disseminated arsenopyrite and pyrite in its walls.
	GTN	2016	469076	6423363	Grab : 12.15, 7.34, 3.52, 2.5 and 2.11, etc., g/t Au; Channel : 3.5 g/t Au over 1 m	Diorite unit showing albite-chlorite alteration and quartz-calcite veining with pyrrhotite-arsenopyrite mineralization.
	Kuni	2006	470974	6423865	Grab : 19.8 g/t Au	3 cm thick smoky grey quartz vein with visible gold.
	Kuni South	2015	470997	6423134	Grab : 77.6 g/t Au	strongly ankeritized and rusty 40 cm thick quartz veins with a 1cm horizon of arsenopyrite and 1% cubic galena.
	Kuurok	2016	468178	6424646	Grab : 14.5 g/t Au	Moderate chlorite-calcite altered white and rusty quartz vein, traces of cubic pyrite and 3% arsenopyrite in clusters, cubic or forming veinlets, also accumulation of arsenopyrite from 0,2 to 1cm in the host rock.
	Lac H	2017	474602	6411254	Grab : 1.75 g/t Au	Chloritized quartz diorite with millimetric veinlets and 1% pyrrhotite-chalcopyrite.
	Lac H-South	2019	475520	6410585	Grab : 3.41g/t Au	Blue quartz silicified and chloritized diorite. Weak ankeritization. Next to a fault-fill QZ-CC vein. 0.5cm-large semi-massive crushed AsPy horizon. 5%AsPy and 0.1%Po disseminated in wallrock.
	Lafrance	2004	468185	6429849	Channel : 4.7, 3.5 and 3.0 g/t Au; Grab : 9.3, 2.7 and 2.4 g/t Au	strongly altered (albite-ankerite-chlorite) gabbro and quartz diorite with 1% pyrrhotite, 1% chalcopyrite, traces arsenopyrite and rare malachite and pyrite.
	Lafrance East	2016	468455	6430018	Grab : 1.31 g/t Au	Ankeritized iron formation with quartz vein.
	North Dupuy	2015	469582	6423265	Grab : 13 g/t Au	Strongly ankeritized and chloritized 3 cm thick quartz vein, inside quartz diorite with 5% disseminated pyrite cubes in host rock.
	PBN	2016	469474	6427520	Grab : 15.05 g/t Au	5 cm thick quartz vein in ankeritized iron formation with 3% pyrite in clusters inside quartz vein, 0.5% galena at border of vein and traces chalcopyrite, also 1% disseminated pyrite in host rock.

Project	Showing Name	Year Discovery	Coordinates*		Results	Description of mineralization
			East	North		
	Polar Bear	2004	469476	6426984	Grab : 6.72, 6.41, 4.38 g/t Au; Channel : 4.1 over 0.5m.	Very rusty felsic rock with 7-10% arsenopyrite, presence of smoky quartz and chloritization.
	Polymetallic	2015	470957	6423875	Grab : 1.2 g/t Au, 132 g/t Ag, 8.5% Pb and 7.1% Zn	Strongly ankeritized 3-5mm thick quartz vein with 5% galena and 5% sphalerite, mostly in the vein and at contact, also 2% pyrite-pyrrhotite in the host rock.
	Romeo	2018	471463	6415060	Grab : 3.15, 1.94 g/t Au	50 cm thick grey rusty quartz vein with 0.5% chalcopyrite-pyrrhotite.
	Serpent	2017	470141	6418086	Grab : 15.35 g/t Au	50-cm thick shear zone injected with quartz- calcite-chlorite±pyrite veins, crosscutting a gabbro.
	Smokey Bear	2006	469313	6426096	Grab : 2.9 g/t Au	3 cm thick quartz vein, altered in chlorite- calcite, traces of pyrite and chalcopyrite.
	SP	2017	469962	6422598	Grab : 419, 38.3 and 21.7 g/t Au	Mineralization consists of quartz-ankerite tension-type veins, up to 10 cm thick, containing clusters of pyrite-galena±sphalerite, crosscutting a strongly chloritized and ankeritized quartz diorite with disseminated pyrite
	Sunshine	2016	471536	6423159	Grab : 7.16, 3.73, 2.72 g/t Au	Strongly altered quartz diorite (albite- chlorite-ankerite) with 1% pyrrhotite and 0.5% arsenopyrite.
	Terrier	2016	469908	6425130	Grab : 1.4, 1.125 g/t Au	Strongly chloritized shear zone with irregular quartz veins, 2% cubic pyrite and 1% pyrrhotite.
	Tip Zone	2016	466921	6430951	Grab : 1.735 g/t Au	Siltstone with 5% quartz veinlets from 3mm to 10cm, quartz veins with weak ankerite- sericite, 2% pyrite-galena-pyrrhotite-chalcopyrite.
	West Smokey Bear	2017	468501	6425775	Grab : 2.35 g/t Au; 2.21 g/t Au; 2.16 g/t Au; 1.23 g/t Au	Metric quartz vein in quartz gabbro with 1% fine and traces pyrrhotite.
	Y Zone	2016	468838	6426819	Grab : 1.175 g/t Au	Network of mm thick quartz vein in a rusty gabbro, 2% disseminated chalcopyrite and traces of malachite.
Oops	Oops	2017	506167	6346031	Grab, 2.14 g/t Au	Quartz veins in outcropping carbonate iron formation.

Project	Showing Name	Year Discovery	Coordinates*		Results	Description of mineralization
			East	North		
Stars	Stars	2000	480025	6406382	Grab : 2.10 g/t Au, 4.66% Cu, 18.8 g/t Ag. DDH : 0.4 g/t Au, 0.79% Cu, over 1.9 m.	Massive sulphides, pyrrhotite-pyrite- chalcopyrite.
Wayne	Janet	2018	47540	6416603	Grab : 140.5 g/t Au	Tension-type quartz vein with 1% galena clusters in a sheared diorite.
	ULU	2015	476013	6415069	Grab : 4.46 g/t Au	White and smoky 50 cm quartz vein with VG and 1% disseminated arsenopyrite inside quartz diorite. Presence of calcite on each side of quartz vein and medium ankerite alteration.
	Wayne	2017	475245	6416730	Grab : 32.7, 2.49 g/t Au	Albitized diorite containing 5% disseminated pyrrhotite and with centimetre-thick quartz veins.

*Coordinates System: Nad 83 Zone 19

8 DEPOSIT TYPES (ITEM 8)

This section is adapted, in part, from Richard's report (2024, 2025), in which this topic is discussed in detail.

The Labrador Trough is known for many types of deposits: Superior type Iron, VMS (Zn-Cu-Pb-Au-Ag), black shale (Au-Zn) and glomerophyritic gabbro (Ni-Cu-EGP-Au). However, it is less known for gold occurrences. Nonetheless, Midland Exploration recognizes a very favorable regional setting for orogenic gold deposits (Richard, 2024, 2025):

- Favorable iron-rich lithologies to precipitate gold – abundant iron-rich gabbro (ex. Ants), diorites, iron formations (ex.: Pump Pad Ridge), black shales
- Greenschist facies rocks
- Polyphase deformation, abundant thrusting and folding
- Major crustal-scale structure separating older, lower grade volcano-sedimentary metamorphic rocks, from younger, higher grade (amphibolite) metasedimentary rocks
- Syn-orogenic, polygenic conglomerates – possibly marking major reactivated normal faults within the orogeny.

From Trépanier et al., 2026, in the Labrador Trough, the two main host lithologies of orogenic minerals are (**Figure 23**):

1. Quartz veins in silicate-carbonate iron formations
    - **Au-only**
    - Au-As

2. Quartz veins and replacements in the upper parts of syn-volcanic, differentiated gabbro layer veins (diorite, quartz diorite, tonalite)
    - Various metal assemblies and structural styles

- Au-only (south-half, +important)
- Au-As (north)
- Au-Ag-Cu
- Au-Ag-Pb-Zn

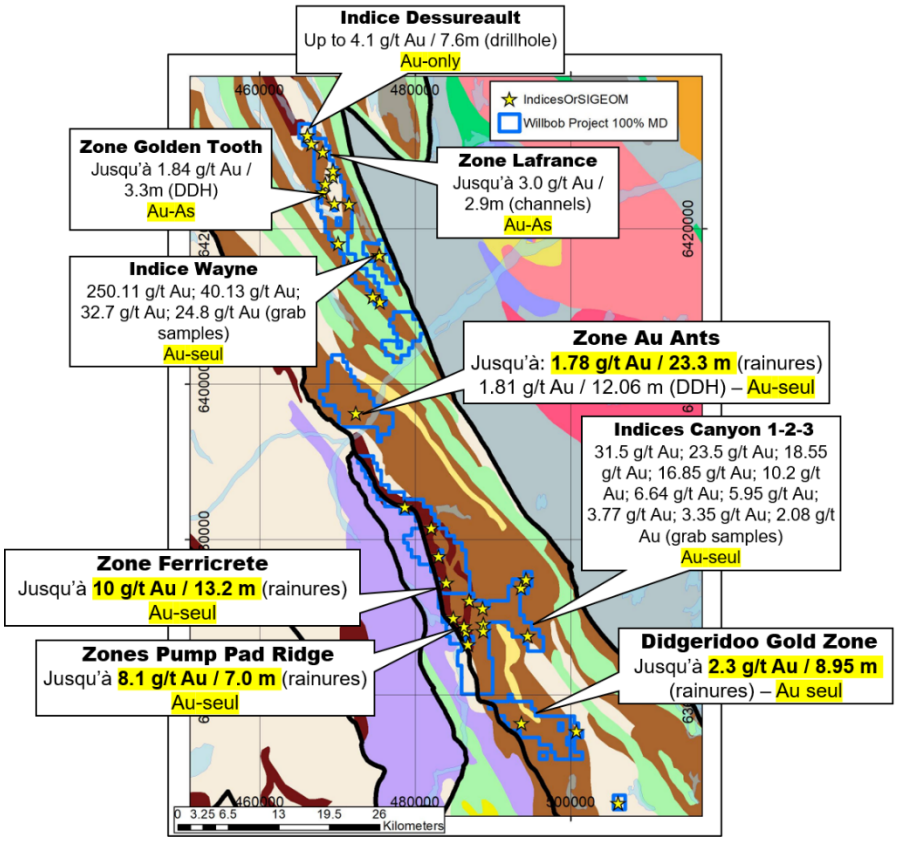


Figure 23. Orogenic Gold context (Trépanier et al. 2026)

8.1 Orogenic Gold Deposits

Orogenic gold deposits are formed by fluids that rapidly go through a large crustal thickness at the ductile-brittle transition in a compressive tectonic regime. This strong flow of fluids destabilizes the gold hydrosulfide complex ($Au(HS)_2$) and, combined with one or more other factors such as temperature-pressure decrease, fluid-rock chemical interaction, boiling fluid, a mixture of fluid and chemical sorption, provokes gold precipitation (Bölkhe, 1982).

These deposits are distributed along large areas of crustal scale faults (Figure 24) formed in a regime ranging from compression to transtension, within deformed greenstone terrains. These lands usually coincide with important lithological boundaries in a convergent margin, such as those separating sedimentary domains from volcano-plutonic domains. These deposits are epigenetic mineralization with structural control characterized by simple networks of quartz-carbonates veins produced by the filling of faults which are gold carriers. These veins are hosted in moderately to strongly compressive, brittle-ductile faults and shear zones, with hydrothermal breccias and extensional veins locally associated with them. The deposits are formed at intermediate depths (from 5 to 10 km). The emplacement of mineralization is contemporaneous with the intermediate and late phases of the deformation and took place after the attainment of the maximum conditions of greenschist facies metamorphism or amphibolite facies. Mineralization is generally associated with iron carbonates alterations.

Gold is largely trapped (free gold) in a network of quartz-carbonate veins but is also present in significant amounts in iron-rich sulphide bearing wall clasts or in silicified arsenopyrite-rich replacement zones (±pyrite, ±pyrrhotite, ±chalcopyrite).

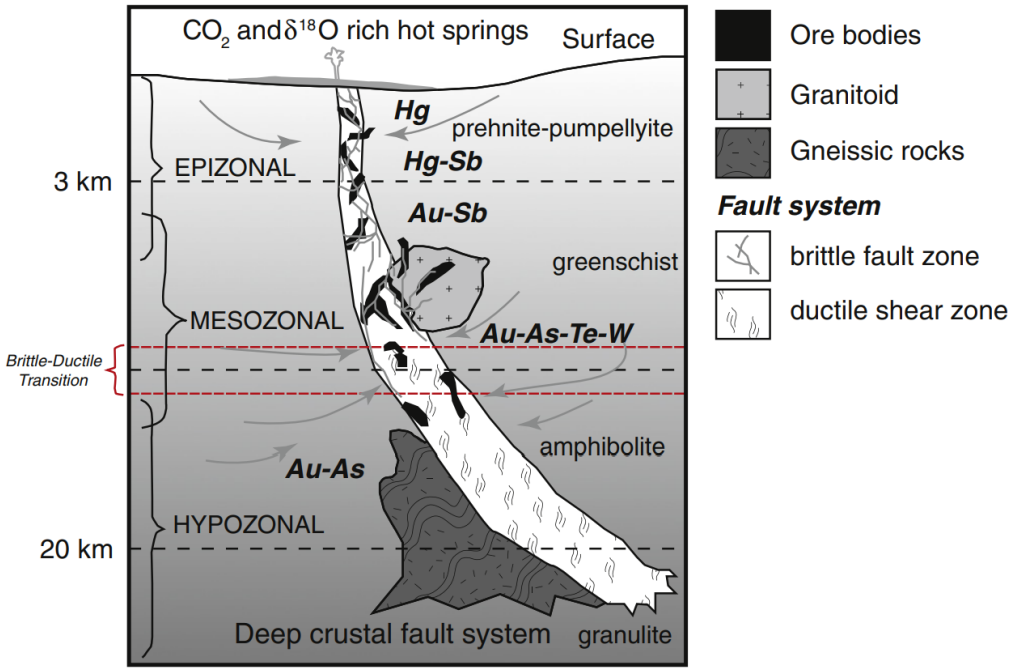


Figure 24. Orogenic gold deposits can form over a variety of depths, from as shallow as 3 km to as deep as 20 km, typically during late orogenic shifts from compressional to transpressional or transtensional regimes. Most of the deposits form in the greenschist facies or at the greenschist–amphibolite boundaries from aqueous-carbonic, high δ18O fluids that have moved upward along trans-crustal fault zones. Modified after Groves et al. (1998), in Godfarb et Groves, 2015[7,8].

8.1.1 Gold in Silicate-carbonate iron formation

Trépanier et al., (2026) mentioned that in the area, numerous gold occurrences hosted in a silicate-carbonate iron formation at the contact with metalliferous black shales are observed (Figure 25). Pump Pad Ridge is an example of that kind of gold deposit. The geological context at Pump Pad Ridge can be compared to the world-class Homestake gold deposit, South Dakota (40 Moz Au). The common features are (Figure 26):

- 1.9 Ga silicate-carbonate iron formation, 30–50 m thick.
- Trans-Hudson orogeny, with metalliferous black shales and turbidites on either side.
- Similar structural style and timing of gold mineralization: early isoclinal folds are barren, whereas gold mineralization is associated with later folding. Gold is not associated with the most prominent folds shown on the map.

[7] https://www.sciencedirect.com/science/article/pii/S1674987119302415#fig2
[8] https://sga.cuni.cz/wp-content/uploads/2017/09/Lithos-Paper.pdf

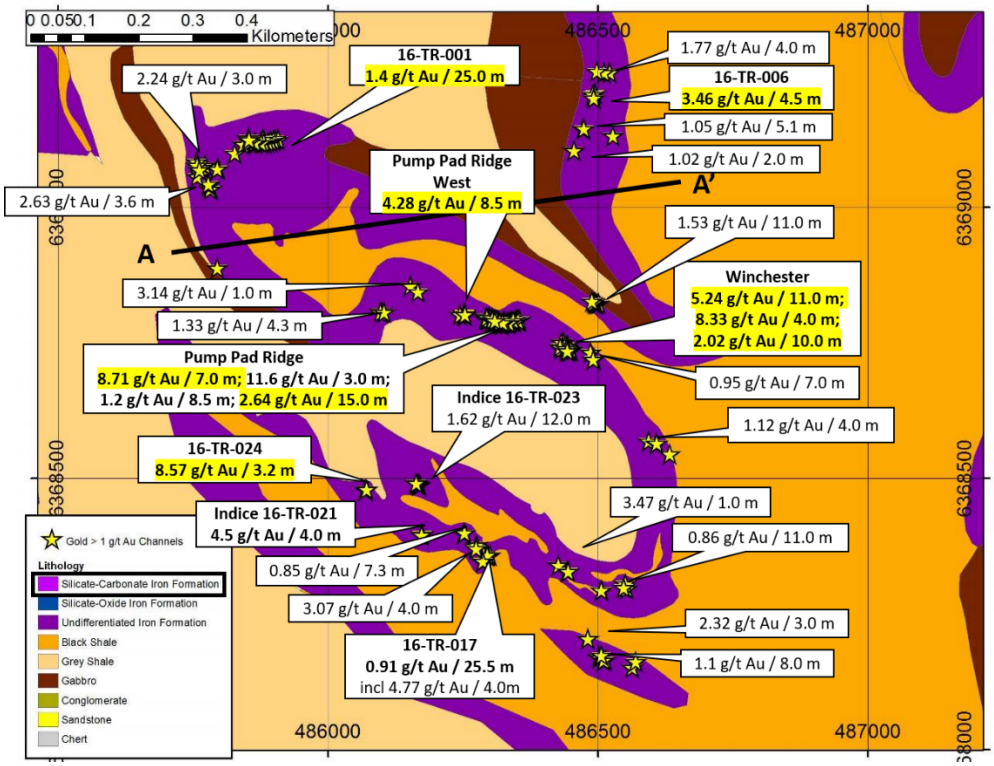


Figure 25. Pump Pad Ridge channel sampling - Silicate-carbonate iron formation in contact with black shale (Trépanier et al., 2026).

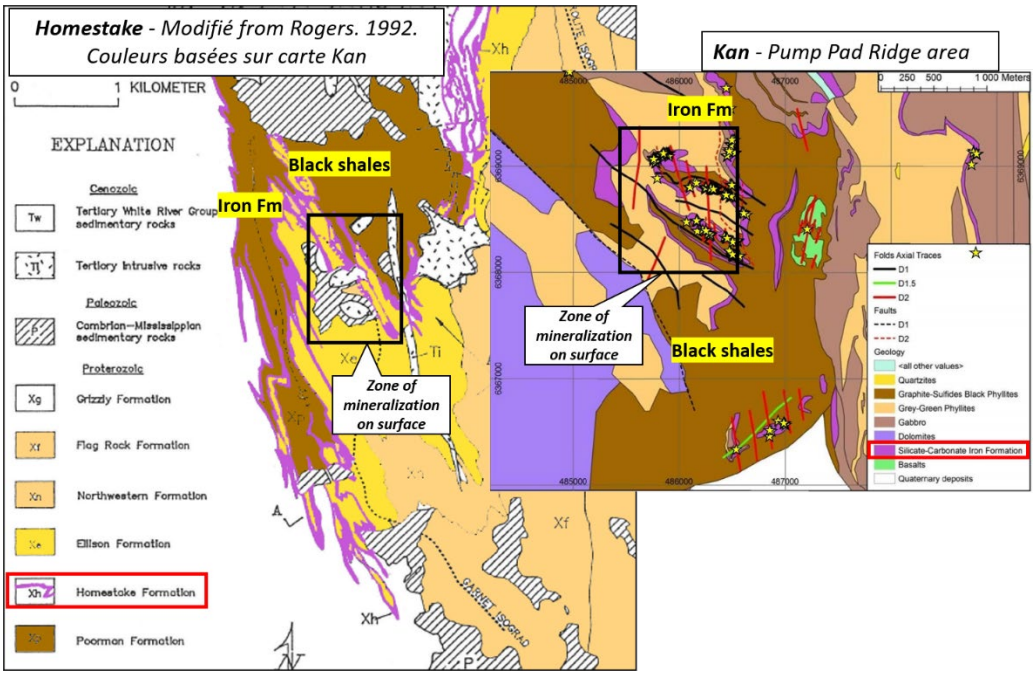


Figure 26. Kan and Homestake comparisons - Silicate-carbonate iron formation (Trépanier et al., 2026).

8.1.2 Gold in black shale

From Gaboury (2021), the sources of gold for orogenic deposits have been reviewed by numerous authors (e.g. Gadoury 2019, Godfarb et Groves, 2015, Frimmel, 2008). Gold can be sourced from intrusion degassing (Sillitoe et Thompson, 1998) and oceanic basalt devolatilization (e.g., Pitcairn et al., 2015, Augustin et Gaboury, 2017, Patten et al., 2020). However, carbonaceous- and pyrite-rich sedimentary rocks, commonly referred to as black shales, are considered one of the most important sources (e.g., Gaboury, 2019, Tomkins, 2013, Pitcairn et al., 2010, Large et al., 2011, Gaboury et al., 2020, Gaboury et al., 2021, Large et al., 2012, Pitcairn et al., 2021). The ultimate support for a sedimentary gold source model is provided by the link between gold dissolved in oceans and the temporal distribution of orogenic gold deposits (Figure 27).

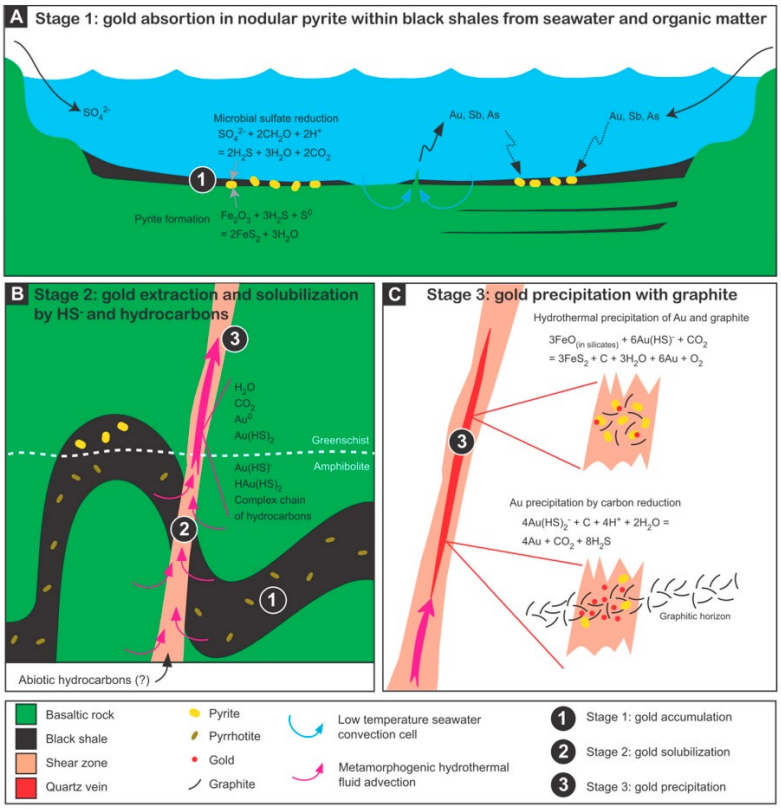


Figure 27. Schematic representation of the role of carbonaceous organic matter in the formation of orogenic gold deposits in three stages. (A) Source stage when gold in seawater accumulates in primary pyrites from the bacterial reduction of sulfate in organic material-rich sediments; modified from Rickard et al. (B) Mobilization stage when gold is solubilized by hydrocarbon-metal complexes and as colloidal gold nanoparticles for hydrothermal transport along faults following basin inversion and related tectonic shortening and metamorphism. Hydrocarbons are generated by thermal maturation of black shales or from abiotic deep contributions. (C) Precipitation stage when gold is co-precipitated with graphite from hydrocarbon-rich fluids or when gold is precipitated by carbon-rich reducing horizons. From Gaboury, 2021.

8.1.3 Gold hosted in differentiated gabbro sills.

Ants showing is an example. The mineralization is a pervasive replacement-style mineralization developed in the upper part of a differentiated gabbro sill, within the quartz diorite unit, at the contact with the overlying turbidites.

9 EXPLORATION WORKS (ITEM 9)

Since 2014, acquisition year, Midland undertook several prospecting surveys over Willbob Project and the different blocks (See Chapter 6.2.1). The last exploration works executed by Midland, was during summer 2024 and 2025 and was consisting in prospection and soil sampling over the NAK area, Didgeridoo block, Jemina showing and Ants North (GM 74383, GM 74946).

9.1 Prospecting

During 2024, the main objectives were to follow up on the Canyon high grade gold showing and to prospect the area southeast of the Golden tooth showing. A total of one hundred and fourteen (114) rock samples were collected and sent to the laboratory.

In 2025, five (5) areas were prospected: NAK area, Didgeridoo block, Jemima showing and Ants North. A total of 85 rock samples, and four (4) QAQC were sent to the laboratory. The best gold result of the prospecting campaign returned 7.55 g/t Au on an outcrop of iron formation with quartz-calcite veins. It is the only gold value of the showing type (> 1g/t Au), 3 kilometres south of the NAK showing. The Author visited five of these showings.

9.1.1 Canyon area - *visited*

A total of 109 rock samples were collected. Several high-grade gold values were obtained in the Canyon area. From the samples collected, 2 returned very high gold values (39.5 and 26.5 g/t Au), 4 returned high gold values (between 2.96 and 9.85 g/t Au) and 7 returned results over 0.2 g/t Au. It was determined that the samples with gold can be classified in 3 categories: Te±Bi±Ag, Au only and As-Cu-Ag (Richard, 2024). **Table 6** shows the best gold samples from 2024 Canyon survey.

TABLE 6. Best gold rock samples from 2024 Canyon (Richard, 2024)

Tag_Number	UTM_E	UTM_N	Litho	Au ppm	Ag ppm	Bi ppm	As ppm	Sb ppm	Te ppm	Cu ppm	Pb ppm	Anomalies +3 inter quartile gap	Anomalies +5 inter quartile gap
C1457706	494364	6367836	Quartz Vein	39.5	1.32	0.23	1.5	0.3	2.6	62.7	10.3	Ag Au Te	Ag Au Te
C1457502	494523	6367622	Quartz Vein	26.5	0.61	0.69	2.3	0.6	1.2	183.0	4.3	Au Bi	Au
C1457512	494481	6367664	Quartz Vein	9.85	34.3	0.59	2.7	1.5	7.7	70.5	12.1	Ag Au Bi Te	Ag Au Te
C1457705	494374	6367820	Iron Formation	4.66	0.16	0.08	3.1	0.9	0.5	163.0	2.9	Au	Au
C1457657	494489	6367662	Iron Formation	3.74	0.31	0.34	2.0	0.5	1.4	847.0	11.1	Au Cu	Au
C1457658	494489	6367662	Iron Formation	2.96	0.23	0.46	0.6	0.3	4.0	452.0	15.5	Au Te	Au Te
C1457718	494483	6367681	Iron Formation	1.07	0.09	-0.02	1.5	0.4	0.1	94.5	2.9	Au	Au

Tag_Number	UTM_E	UTM_N	Litho	Au ppm	Ag ppm	Bi ppm	As ppm	Sb ppm	Te ppm	Cu ppm	Pb ppm	Anomalies +3 inter quartile gap	Anomalies +5 inter quartile gap
C1457665	494031	6368178	Iron Formation	0.819	0.07	0.03	0.3	0.4	0.2	43.4	1.6	Au	Au
C1457513	494476	6367679	Quartz Vein	0.793	0.10	0.08	1.6	0.4	0.8	356.0	4.0	Au	Au
C1457707	494364	6367834	Iron Formation	0.632	0.15	0.06	1.3	0.4	0.4	181.0	5.2	Au	Au
C1457673	494082	6368142	Iron Formation	0.324	0.08	0.07	1.5	0.5	-0.1	18.9	12.4	Au	Au
C1457561	494174	6367995	Gabbro	0.281	1.55	0.41	151.0	0.2	0.7	2290.0	30.3	Ag As Au Cu Pb V	Ag As Au Cu
C1457727	494001	6368205	Quartz Vein	0.218	-0.05	0.12	2.6	0.2	0.1	9.8	4.8	Au	Au
C1457555	494333	6367832	Gabbro	0.160	0.65	0.58	9.0	0.5	3.2	1010.0	7.3	Ag As Au Bi Cu Te	Cu Te
C1457728	494001	6368204	Iron Formation	0.148	0.13	0.05	4.5	0.6	0.2	30.7	1.8	Au	-
C1457654	494331	6367827	Gabbro	0.144	0.17	0.15	0.3	0.4	0.6	292.0	3.0	Au	-
C1457519	494072	6368160	Iron Formation	0.143	0.11	-0.02	2.6	0.5	-0.1	20.6	2.7	Au	-

9.1.2 Golden Tooth area - *visited*

Six (6) samples were taken 600 m southeast of the Golden Tooth showing. The target was the hinge of an anticlinal fold with the possibility to present unmapped diorite. Some quartz veins injected in quartz gabbro were encountered. Rust, ankerite and some sheared were also observed. The best results return 66 ppb Au.

9.1.3 NAK area

The main target was a Cu-W-Sb anomaly in the lake just to the southwest is present in an area never prospected. No significant result was obtained. West of the NAK showing (2.5 km), the target was a gold anomaly in a lake sediment where folding occurs. Several veins of rusty quartz-calcite were observed over a 5 m stretch. The thickest vein was 25-30 cm and was mineralized with 1% chalcopyrite. The vein continued for 8 m long, and it returned 18 ppb Au and 0.11% Cu (C2131312) (Richard, 2025). And another target was hinge of major fold in an area where significant veining was observed in the past and the presence of an Au-Sb bottom lake sediment anomaly located 2 km and 3 km south-southwest of the NAK showing. The highest gold value of the program was obtained in a white quartz vein within a sheared and altered gabbro returned 7.55 g/t Au.

9.1.4 Oops area

Prospecting from 2025 encountered several quartz veins, from 10 cm to 2 m thick, almost all of them were altered to ankerite and mineralized with trace pyrrhotite at 2%. Two (2) samples returned 0.1 g/t Au (C2131259, C2131357 (Richard, 2025).

9.1.5 Jemina area

The area is outcropping and shows several quartz-carbonate veinlets parallel to the schistosity, with traces of pyrrhotite. The veinlets zone is approximately 1.5 m thick. Three (3) anomalous gold results were obtained, all in iron formation with quartz-carbonate veins. The best result is 0.55 g/t Au (Richard, 2025).

9.1.6 Ants – Ants North area - *visited*

From Midland Press Release[9], discovered in 2018, the Ants mineralized zone is characterized by the presence of sulphides, mainly consisting of 1-15% pyrrhotite with traces (up to 1%) chalcopyrite. These sulphides are disseminated or clustered in a quartz diorite host rock that is strongly altered to iron carbonates and albite and locally injected with quartz-carbonate veinlets. Note that visible gold was observed in many locations.

Channel sampling results from 2018 (**Photo 5**) yielded the following intervals (see press release dated November 15, 2018): 1.78 g/t Au over 23.3 metres, including 3.19 g/t Au over 10.0 metres (channel ANTS-18-03); 3.33 g/t Au over 5.0 metres (channel ANTS-18-02); 2.22 g/t Au over 4.5 metres (channel ANTS-18-04).



Photo 5. Ants 2018 channel sampling (ANTS-18-03) (Field visit, June 2026).

Throughout the September 2019 drilling campaign on the Ants showing (see press release dated October 23, 2019), nine (9) drill holes totaling 910.5 metres were drilled (WB-19-25 to WB-19-33). Best results are as follows: 1.81 g/t Au over 12.06 metres, including 2.99 g/t Au over 4.56 metres (WB-19-33), and 2.09 g/t Au over 6.01 metres, including 4.05 g/t Au over 2.50 metres (WB-19-26).

During the 2025 field survey, follow-up work was conducted at Ants North (Target A) on a silicified quartz gabbro sample containing 3% quartz veins, 3% pyrrhotite, and traces of chalcopyrite. Prospecting around the historic sample location did not reproduce the 0.3 g/t Au value reported in 2017 (Richard, 2025).

9.1.7 Didgeridoo area - *visited*

The Didgeridoo Zone is located in the south part of the Kan Block, approximately 15 km southeast of the main gold showings found in the Kan area now held 100% by Midland (see press release dated April 22, 2025[10]).

[9] https://midlandexploration.com/en/2026/07/08/midland-begins-drilling-program-on-the-willbob-gold-project-in-the-labrador-trough/

[10] https://midlandexploration.com/en/2025/04/22/midland-announces-the-acquisition-of-the-kan-gold-project-in-the-labrador-trough/

The Didgeridoo Zone consists of a 5 to 10-metre-wide shear zone trending NW-SE that hosts abundant fault-filling quartz-calcite veins (**Photo 6**), occurring in gabbro and quartz diorites. Up to six (6) occurrences of visible gold were observed within this zone, which has been exposed by stripping over a strike length of approximately 100 metres and remains open at both ends.



Photo 6. Didgeridoo quartz-calcite vein (Field visit, June 2026).

Channel sampling conducted on the Didgeridoo Zone in 2018 returned several gold results including:

- Channel DJ-05: **2.30 g/t Au over 8.95 m** incl. **3.56 g/t Au over 3.15 m** *(open to the NW)*
- Channel DJ-02: **4.71 g/t Au over 2.90 m** incl. **9.30 g/t Au over 1.30 m**
- Channel DJ-01: **1.67 g/t Au over 8.80 m** *(extension of the 2017 channel)*
- Channel DJ-04: **1.45 g/t Au over 6.70 m**

(From Midland Press release 2025-07)

The zone thus remains open to the northwest.

The exploration 2024-2025 campaign conducted around where many samples were taken, the maximum gold result obtained was 9 ppb Au. Same for Zn and As which returned only anomalous As around 90 ppm (Richard, 2025).

A detailed cartography of the Didgeridoo showing was made (**Figure 28**). Didgeridoo is interpreted as a dextral shear zone with many fault fill veins, and the presence of undeformed *en echelon* extensional veins in conjugate shears (Richard, 2025).

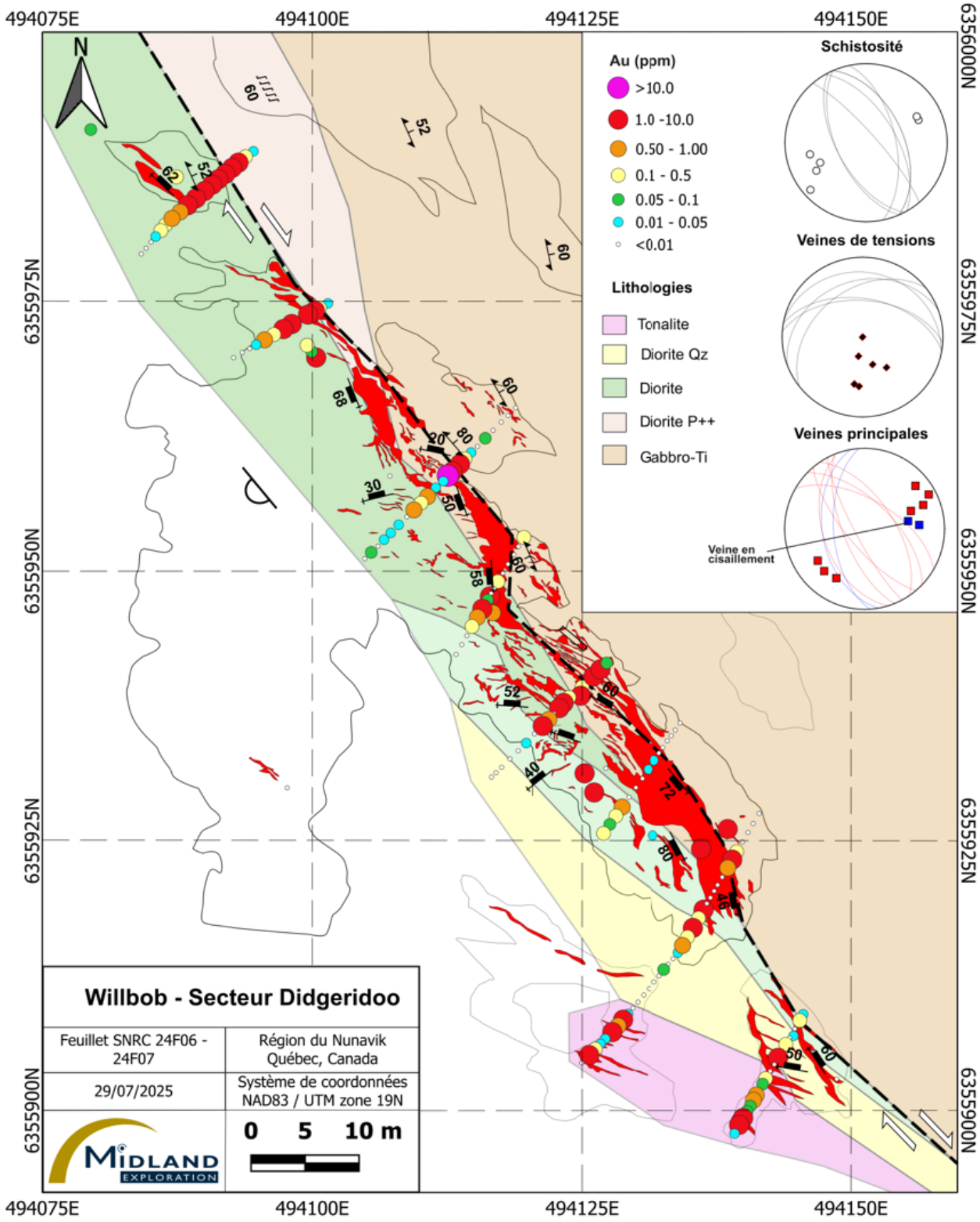


Figure 28. Didgeridoo stripping and channel sampling assays (Midland. Credits: Maxime Dour, geo).

9.2 Soil sampling

9.2.1 Canyon area

In 2024, a Horizon B soil survey was conducted in the Canyon area for a total of 78 soil samples. A trend of anomalies was detected by a survey just north of Canyon-3. Out of 5 close-together anomalies, three (3) are anomalous in gold. The maximum gold obtained was 431 ppb Au (Richard, 2024).

10 DRILLING (ITEM 10)

Midland, since the acquisition of the project, has executed three (3) diamond drilling programs. The first was in 2016, the second, in 2017, which consisted of a two-phases campaign and the last one was in 2019 (Table 7). Table 8 exposes the best results obtained during these drilling campaigns.

In 2025, Midland acquired a 100% interest in the Kan Project from Ressources Tectonic. The project was previously held by Osisko Mining from 2015 to 2019. For the purposes of this report, the details of the drilling surveys conducted by Osisko on the Kan Project are presented in Section 10.3, Table 9 and Table 10.

All the best assays intervals presented in this section have been recalculated and validated by the Author. The results of the validation are presented in Section 12.1.

10.1 2016-2017 drilling campaign

Twenty-two (22) surface diamond drill holes were executed. A total of 3,305 samples for metal and gold analysis and 129 whole rock samples were taken.

During the 2016 drilling campaign, on Koksoak Project, a total of 1,295 metres of NQ caliber were drilled in height (8) holes: Four (4) on Lafrance showing and four (4) on Golden Tooth showing (Figure 29).

During 2017, the aim of the two-phases diamond drill campaign was to test seven helicopter-borne soundings. In Phase 1, the holes were drilled on Golden Tooth (3), GTN-4 (1), Kuurock (1) and Polar Bear (2) showings for a total of 1,833.2 metres (Figure 29).

For Phase 2, seven (7) more holes were drilled over the Polar Bear (2), Sunshine (1), Kuni (1) and Stars (3) showings. A total of 1,701.3 metres were drilled in NQ size (Figure 29, Figure 30).

Hole dips and bearings were measured with a “Flexit” down hole magnetic survey instrument. The NQ size core was logged for geology (among others lithology, alteration, mineralization and structural data), core recovery and RQD were measured except for the 2017 holes. Recoveries were excellent, being predominantly at or near, 100%.

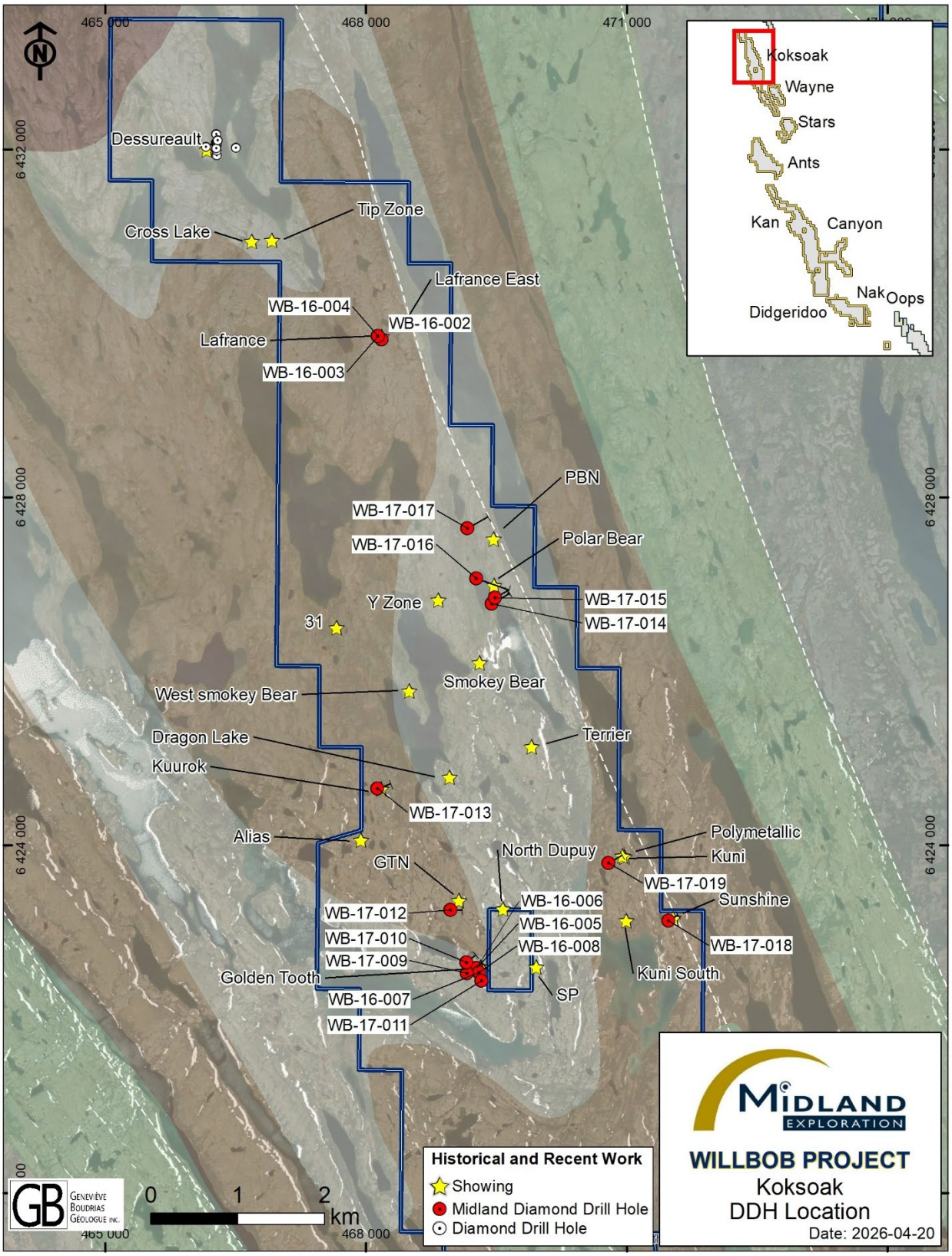


Figure 29. 2016-2017 Midland DDH location – Koksoak Project.

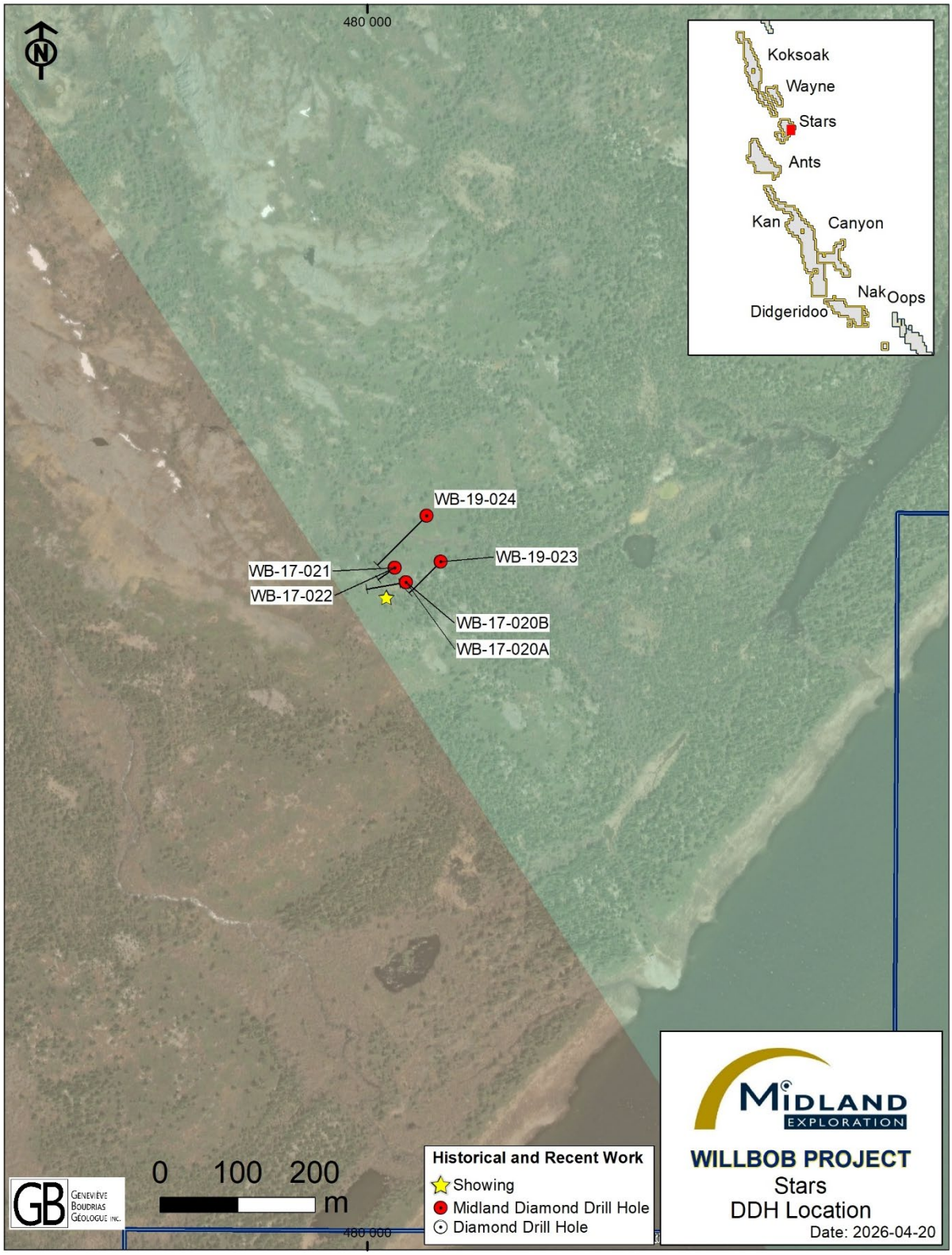


Figure 30. 2016-2017 Midland DDH location – Stars Project.

10.2 2019 drilling campaign

A total of eleven (11) holes were drilled (WB-19-23 @ WB-19-33) (**Table 7**) on Ants (**Figure 31**) and Stars (**Figure 30**) showings for a total of 1,141.5 meters. The best results are (**Table 8**):

- Ants (ddh): 1.81 g/t Au over 12.06 m, including 2.99 g/t Au over 4.56 m in hole WB-19-33, 2.09 g/t Au over 6.01 m, including 4.05 g/t Au over 2.50 m in hole WB-19-26.
- Stars (ddh): 0.13% Cu / 3.30 m, 0.154 g/t Au, 0.16% Cu over 1.25 m.

Hole dips and bearings were measured with a "Reflex" down hole magnetic survey instrument. The NQ size core was logged for geology (among others lithology, alteration, mineralization and structural data), core recovery and RQD were measured. Recoveries were excellent, being predominantly at or near, 100%.

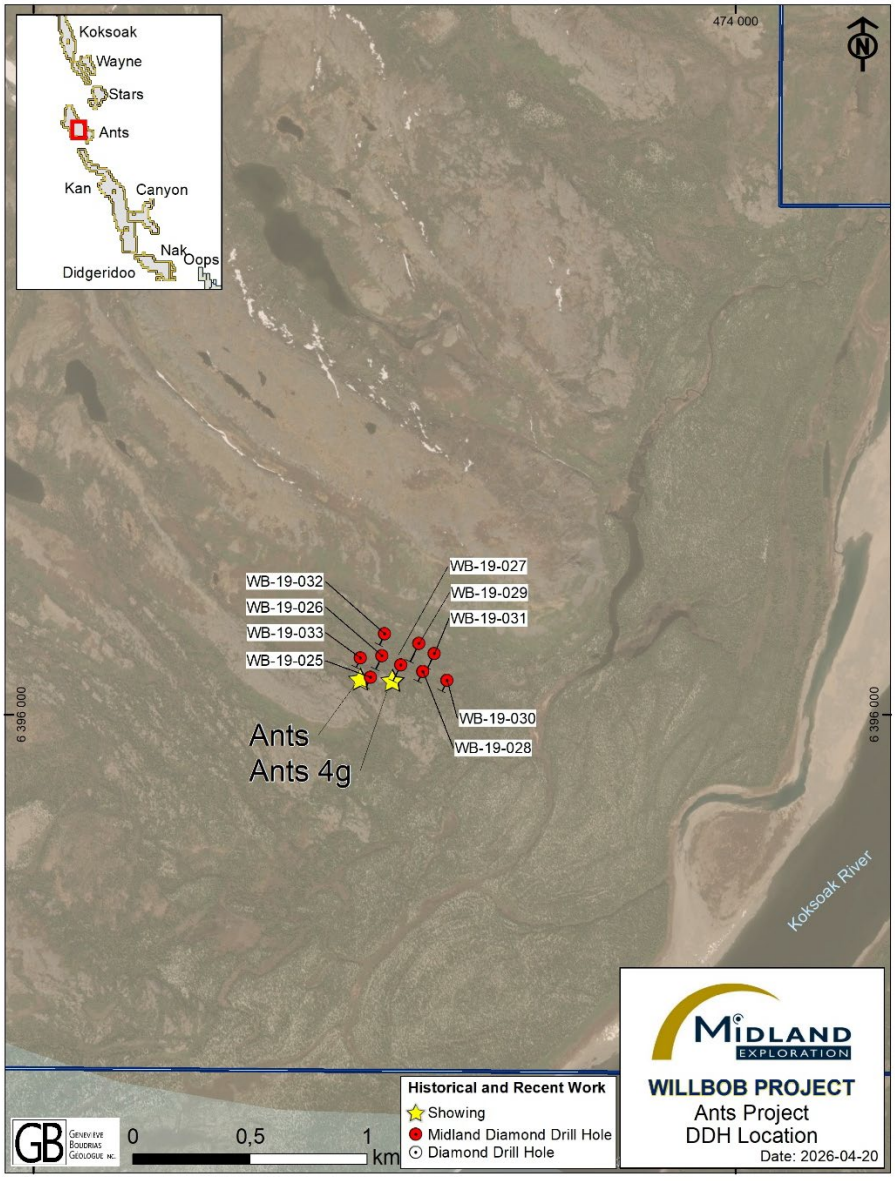


Figure 31. 2016-2017 Midland DDH location – Ants Project.

All details and maps are provided in report GM 72183, and the results can also be consulted in the press release available on Midland's website [11].

TABLE 7. 2016-2017 and 2019 Diamond Drill Holes details

Year	DDH	Location	Azimuth (°)	Dip (°)	Length (m)	East NAD83 zone 19 E	North NAD83 zone 19 N	Elevation (m)	Survey Type	Metres Test (m)
2016	WB-16-001	Lafrance	60	-60	102.0	468187	6429815	270	Flexit	15-18 m
	WB-16-002	Lafrance	60	-75	108.0	468187	6429815	270	Flexit	15-18 m
	WB-16-003	Lafrance	60	-60	141.0	468144	6429853	270	Flexit	15-18 m
	WB-16-004	Lafrance	60	-85	168.0	468144	6429853	270	Flexit	15-18 m
	WB-16-005	Golden Tooth	60	-55	150.0	469275	6422589	264	Flexit	15-18 m
	WB-16-006	Golden Tooth	60	-85	240.0	469275	6422589	264	Flexit	15-18 m
	WB-16-007	Golden Tooth	60	-55	174.0	469304	6422539	265	Flexit	15-18 m
	WB-16-008	Golden Tooth	60	-80	215.0	469304	6422539	265	Flexit	15-18 m
					1,298.0 m					
2017	WB-17-009	Golden Tooth	55	-85	399.0	469165	6422528	272	Flexit	21 m
	WB-17-010	Golden Tooth	50	-50	198.0	469160	6422652	266	Flexit	21 m
	WB-17-011	Golden Tooth	60	-70	152.0	469335	6422442	266	Flexit	21 m
	WB-17-012	GTN-4	90	-50	216.0	468975	6423255	280	Flexit	21 m
	WB-17-013	Kuurock	70	-50	250.0	468135	6424649	260	Flexit	21 m
	WB-17-014	Polar Bear	60	-50	363.2	469449	6426777	215	Flexit	21 m
	WB-17-015	Polar Bear	60	-50	255.0	469487	6426843	215	Flexit	21 m
	WB-17-016	Polar Bear	110	-50	620.0	469276	6427066	215	Flexit	21 m
	WB-17-017	Polar Bear	60	-50	420.0	469172	6427641	225	Flexit	21 m
	WB-17-018	Sunshine	60	-50	189.0	471482	6423134	221	Flexit	21 m
	WB-17-019	Kuni	60	-50	273.0	470796	6423796	221	Flexit	21 m
	WB-17-020A	Stars	260	-45	13.0	480050	6406401	53	Flexit	21 m
	WB-17-020B	Stars	260	-45	74.1	480050	6406401	53	Flexit	21 m
	WB-17-021	Stars	235	-45	39.0	480036	6406420	52	Flexit	21 m
	WB-17-022	Stars	225	-85	73.2	480036	6406420	52	Flexit	21 m
					3,534.5 m					
2019	WB-19-023	Stars	225	-50	90.0	480095	6406428	38	Reflex	21 m
	WB-19-024	Stars	225	-50	141.0	480077	6406487	35	Reflex	21 m
	WB-19-025	Ants- Section 300E	206	-50	75.0	472442	6396160	83	Reflex	21 m
	WB-19-026	Ants- Section 300E	206	-50	102.0	472491	6396252	85	Reflex	21 m
	WB-19-027	Ants- Section 400E	206	-50	121.5	472571	6396212	72	Reflex	21 m
	WB-19-028	Ants- Section 500E	206	-50	75.0	472665	6396184	63	Reflex	21 m
	WB-19-029	Ants- Section 400E	206	-50	132.0	472648	6396303	95	Reflex	21 m
	WB-19-030	Ants- Section 600E	206	-50	84.0	472769	6396147	55	Reflex	21 m
	WB-19-031	Ants- Section 500E	206	-55	120.0	472714	6396261	70	Reflex	21 m
	WB-19-032	Ants- Section 300E	206	-65	126.0	472502	6396346	107	Reflex	21 m
	WB-19-033	Ants- Section 200E	206	-55	75.0	472399	6396241	90	Reflex	21 m
					1,141.5 m					

[11] https://midlandexploration.com/en/2019/10/23/midland-decovers-new-areas-willbob-project-in-the-labrador-pit/

TABLE 8. 2016-2017 and 2019 Diamond Drill Holes best results

	Drillhole	Location	From (m)	To (m)	Length (m)	Best intersections
2016	WB-16-001	Lafrance	9.30	10.30	1.00	1.62 g/t Au over 1.0 m
	WB-16-002	Lafrance	5.00	9.60	4.60	1.19 g/t Au over 4.6 m
			7.40	*8.60*	*1.20*	*including 4.01 g/t Au over 1.2 m*
	WB-16-003	Lafrance	9.20	20.40	11.2	0.32 g/t Au over 11.2 m
			19.05	*20.00*	*0.95*	*including 1.61 g/t over 1.0 m*
	WB-16-004	Lafrance	16.60	18.10	1.50	0.18 g/t over 1.5 m
	WB-16-005	Golden Tooth	30.15	33.80	3.65	1.12 g/t Au over 3.7 m
			32.50	*33.00*	*0.50*	*including 4.98 g/t Au over 0.5 m*
	WB-16-006	Golden Tooth	45.05	51.40	6.35	1.28 g/t Au over 6.4 m
			46.50	*47.45*	*0.95*	*including 3.81 g/t Au over 1.0 m*
	WB-16-007	Golden Tooth	41.60	44.25	2.65	0.74 g/t Au over 2.65 m
			43.40	*44.25*	*0.85*	*including 1.2 g/t Au over 0.9 m*
	WB-16-008	Golden Tooth	70.00	71.50	1.50	2.14 g/t Au over 1.5 m

2017	WB-17-009	Golden Tooth	280.85	283,00	2.15	0.422 g/t Au over 2.2 m (True width is 1.3 m)
	WB-17-010	Golden Tooth	106.00	107.95	1.95	0.81 g/t Au over 1,95 m (True Width is 1.43 m)
	WB-17-011	Golden Tooth	105.25	106.65	1.25	2.23 g/t Au over 1.3 m (True Width is 0.9 m)
	WB-17-013	Kuurock	77.10	77.45	0.35	3.50 g/t Au over 0.4 m
	WB-17-014	Polar Bear	261.65	264.35	2.70	0.73 g/t Au over 2.7 m
			261.65	*262.95*	*1.30*	*Including 1.2 g/t Au over 1.3 m*
	WB-17-018	Sunshine	174.25	175.00	0.75	0.96 g/t Au over 0.75 m
			96.35	96.85	0.50	36.40 g/t Au over 0.5 m
			101.85	102.35	0.45	1.99 g/t Au over 0.5 m
	WB-17-019	Kuni	106.50	107.55	1.05	0.50 g/t Au over 1.1 m
			201.30	201.85	0.55	1.83 g/t Au over 0.55 m
	WB-17-021	Stars	219.50	219.85	0.35	2.54 g/t Au over 0.35 m
	WB-17-022	Stars	16.25	18.15	1.90	0.40 g/t Au, 0.79 % Cu, 0.046 % Co over 1.9 m
			23.50	28.05	4.55	0.49 g/t Au, 0.59 % Cu, 0.042 % Co over 4.6 m
			23.50	*23.95*	*0.45*	*Including 2.56 g/t Au, 0,508 % Cu, 0,153 % Co over 1.3 m*

2019	WB-19-23	Stars	58.6	61.90	3.30	0.13% Cu over 3.3 m
	WB-19-24	Stars	78.35	79.60	1.25	0.154 g/t Au, 0.16% Cu over 1.3 m
	WB-19-25	Ants- Section 300E	7.80	11.00	3.20	1.04 g/t Au over 3.20 m
	WB-19-26	Ants- Section 300E	46.39	52.40	6.01	2.09 g/t Au over 6.01 m
			46.90	*49.40*	*2.50*	*Including 4.05 g/t Au over 2.5 m*
	WB-19-27	Ants- Section 400E	28.70	31.50	2.80	0.28 g/t Au over 2.8 m
	WB-19-28	Ants- Section 500E	42.60	43.30	0.70	0.80 g/t Au over 0.7 m
	WB-19-29	Ants- Section 400E	109.25	109.80	0.55	0.12 g/t Au over 0.6 m
	WB-19-30	Ants- Section 600E	67.20	68.10	0.90	0.86 g/t Au over 0.9 m
	WB-19-32	Ants- Section 300E	110.38	114.35	3.97	0.21 g/t Au over 4.0 m
	WB-19-33	Ants- Section 200E	32.14	44.20	12.06	1.81 g/t Au over 12.1 m
			32.14	*36.70*	*4.56*	*Including 2.99 g/t Au over 4.6 m*

10.3 2016-2018 KAN Osisko drilling campaign

Between 2015-2019, Osisko conducted various types of exploration work on the Kan Project, including several drilling campaigns. The coordinates and characteristics of the drill holes are presented in **Table 9** and the best assays intervals in **Table 10.** The locations of the Osisko drill holes are shown in **Figure 32**.

TABLE 9. 2016-2018 Diamond Drill Holes details

Year	DDH	Location	Azimuth (°)	Dip (°)	Length (m)	East NAD83 zone 19 E	North NAD83 zone 19 N	Elevation (m)	Survey Type	Metres Test (m)
2016	FAU-16-001	Pump Pad Ridge	225	-50	102.0	486421	6368861	150	Multishot	3 m
	FAU-16-002	Pump Pad Ridge	235	-50	97.5	486456	6368841	153	Multishot	3 m
	FAU-16-003	Pump Pad Ridge	225	-50	150.0	486438	6368927	155	Multishot	3 m
	FAU-16-004	Winchester	225	-55	260.0	486502	6368550	125	Multishot	3 m
	FAU-16-005	KTR	225	-50	80.0	486314	6368397	125	Multishot	3 m
	FAU-16-006	NO KTR	225	-50	99.0	486130	6368540	125	Multishot	3 m
	FAU-16-007	Ferricrete	270	-50	198.0	484287	6374573	127	Multishot	3 m
	FAU-16-008	Ferricrete	270	-50	174.0	484258	6374516	129	Multishot	3 m
	FAU-16-009	KTR	225	-50	99.0	486225	6368472	120	Multishot	3 m
	FAU-16-010	Pump Pad Ridge	225	-50	168.0	486510	6369010	170	Multishot	3 m
	FAU-16-011	Pump Pad Ridge	225	-50	147.0	486391	6368994	157	Multishot	3 m
1574.5 metres										

Year	DDH	Location	Azimuth (°)	Dip (°)	Length (m)	East NAD83 zone 19 E	North NAD83 zone 19 N	Elevation (m)	Survey Type	Metres Test (m)
2017	OSK-KAN-17-001	Pyrite Falls	300	50	410.5	486830	6366355	91,4	Multishot	3 m
	OSK-KAN-17-002	Pyrite Falls	300	50	396.0	487052	6366528	94,4	Multishot	3 m
	OSK-KAN-17-003	Ferricrete	230	53	210.0	484303	6374850	140,7	Multishot	3 m
	OSK-KAN-17-004	Ferricrete	290	55	207.0	484165	6375041	142,1	Multishot	3 m
1223.5 metres										

Year	DDH	Location	Azimuth (°)	Dip (°)	Length (m)	East NAD83 zone 19 E	North NAD83 zone 19 N	Elevation (m)	Survey Type	Metres Test (m)
2018	OSK-KAN-18-005	Pump Pad Ridge	210	-60	199.0	486863	6368393	112.7	FM	3 m
	OSK-KAN-18-006	Pump Pad Ridge	220	-60	190.0	487048	6368241	136.7	FM	3 m
	OSK-KAN-18-007	Pump Pad Ridge	220	-68	220.0	486805	6368273	101.0	FM	3 m
	OSK-KAN-18-008	Pyrite Falls	270	-60	181.0	487136	6366396	95.1	FM	3 m
	OSK-KAN-18-009	Pump Pad Ridge	250	-60	301.0	487085	6368094	136.0	FM	3 m

Year	DDH	Location	Azimuth (°)	Dip (°)	Length (m)	East NAD83 zone 19 E	North NAD83 zone 19 N	Elevation (m)	Survey Type	Metres Test (m)
	OSK-KAN-18-010	Pump Pad Ridge	230	-70	226.0	486774	6368222	105.2	FM	3 m
	OSK-KAN-18-011	Ferricrete	270	-60	148.0	484069	6374599	173.5	FM	3 m
	OSK-KAN-18-012	Ferricrete	270	-70	294.0	484800	6373938	101.8	FM	3 m
	OSK-KAN-18-013	Ferricrete	350	-70	91.0	484180	6374483	171.4	FM	3 m
	OSK-KAN-18-014	Pump Pad Ridge	225	-55	124.0	485035	6369896	131.1	FM	3 m
	OSK-KAN-18-015	Pump Pad Ridge	250	-60	118.0	486075	6369100	167.2	FM	3 m
	OSK-KAN-18-016	Pump Pad Ridge	250	-60	139.0	486292	6369185	163.0	FM	3 m
	OSK-KAN-18-017	Pump Pad Ridge	250	-60	253.0	486977	6368763	139.0	FM	3 m
	OSK-KAN-18-018	Pyrite Falls	250	-70	298.0	486700	6367927	95.7	FM	3 m
	OSK-KAN-18-019	Pyrite Falls	250	-70	249.0	486555	6367885	92.5	FM	3 m
	OSK-KAN-18-020	Pyrite Falls	250	-60	380.0	486993	6367379	96.9	FM	3 m
	OSK-KAN-18-021	Pyrite Falls	250	-60	262.0	486880	6367375	95.0	FM	3 m
	OSK-KAN-18-022	Pump Pad Ridge	100	-45	247.0	486701	6368249	105.0	FM	3 m
	OSK-KAN-18-023	Pump Pad Ridge	262	-67	514.5	486380	6369200	167.0	FM	3 m
	OSK-KAN-18-024	Pump Pad Ridge	305	-45	148.0	486490	6368370	127	FM	3 m
	OSK-KAN-18-025	Pump Pad Ridge	270	-65	604.0	486536	6369099	168	FM	3 m
	OSK-KAN-18-026	Pump Pad Ridge	270	-45	166.0	486434	6369108	168.0	FM	3 m
	OSK-KAN-18-027	Pump Pad Ridge	305	-45	214.0	486531	6368308	122.0	FM	3 m
5052.0 m										

TABLE 10. 2016-2018 Osisko Diamond Drill Holes best results

Year	Drill Hole	Location	From (m)	To (m)	Length (m)	Values
2016	FAU-16-001	Pump Pad Ridge	38.0	54.0	16.0	1.22 g/t Au over 16 m
			44,0	*46,0*	*2,0*	*including 5.3 g/t Au over 2 m*
			58,0	60,0	2,0	1.20 g/t Au over 2 m
	FAU-16-002	NE Pump Pad Ridge	44,0	65.1	21,0	1.99 g/t Au over 21.1 m
			59,0	*61,0*	*2,0*	*including 16.2 g/t Au over 2 m*
	FAU-16-003	NE Pump Pad Ridge	68,0	69,0	1,0	1.06 g/t Au over 1 m
			75,0	76,0	1,0	1.22 g/t Au over 1 m
			78,0	83,0	5,0	0.85 g/t Au over 5 m
			81,0	*82,0*	*1,0*	*including 2.23 g/t Au over 1 m*

Year	Drill Hole	Location	From (m)	To (m)	Length (m)	Values
	FAU-16-004	Winchester	153,0	156,0	3,0	3.12 g/t Au over 3 m
			153,0	*154,0*	*1,0*	*including 6.64 g/t Au over 1m*
	FAU-16-006	NO KTR	40,0	46,0	6,0	0.36 g/t Au over 6 m
			56,0	58,0	2,0	0.69 g/t Au over 2 m
	FAU-16-007	Ferricrete	49,0	63,0	14,0	0.64 g/t Au over 14 m
			55,0	*56,0*	*1,0*	*including 3.43 g/t Au over 1 m*
			66,0	68,0	2,0	0.49 g/t Au over 2 m
	FAU-16-008	Ferricrete	106,0	111,0	5,0	0.88 g/t Au over 5 m
			107,0	*108,0*	*1,0*	*including 2.63 g/t Au over 1 m*
	FAU-16-009	KTR	9,0	14,0	5,0	0.56 g/t Au over 5 m
			33,0	41,0	8,0	1.21 g/t Au over 8 m
			49,0	50,0	1,0	1.98 g/t Au over 1 m
	FAU-16-010	Pump Pad Ridge	15,0	16,0	1,0	0.40 g/t Au over 1 m
			85,0	87,0	2,0	0.48 g/t Au over 2 m
			118.65	120.65	2,0	0.30 g/t Au over 2 m
	FAU-16-011	Pump Pad Ridge	26,0	27,0	1,0	1.05 g/t Au over 1 m
			81,0	89,0	8,0	0.54 g/t Au over 8 m
			83,0	*84,0*	*1,0*	*including 1.91 g/t Au over 1 m*

Year	Drill Hole	Location	From (m)	To (m)	Length (m)	Values
2017	OSK-KAN-17-002	Pyrite Falls	28,0	34,0	6,0	1.15 g/t Au over 6 m
			31	*32*	*1*	*including 4.39 g/t over 1 m*

Year	Drill Hole	Location	From (m)	To (m)	Length (m)	Values
2018	OSK-KAN-18-005		87,0	92,0	5,0	0.40 g/t Au over 5 m
			88,0	*89,0*	*1,0*	*including 1.55 g/t Au over 1 m*
			137,0	138,0	1,0	1.40 g/t Au over 1 m
	OSK-KAN-18-006		167,0	184,0	17,0	0.50 g/t Au over 17 m
			176,0	*181,0*	*5,0*	*including 1.1 g/t Au over 5 m*
	OSK-KAN-18-007		53,0	59.1	6.1	0.49 g/t Au over 6.1 m
			53,0	*54,0*	*1,0*	*including 2.20 g/t Au over 1 m*
			71.0	78.0	7.0	1.80 g/t Au over 7 m
			74.0	*76.0*	*2.0*	*including 5.20 g/t Au over 2 m*
			121.0	124.0	3.0	0.45 g/t Au over 3 m
			126.0	128.0	2.0	0.45 g/t Au over 2 m
			152.0	154.0	2.0	3.90 g/t Au over 2 m
			159.0	170.0	11.0	0.29 g/t Au over 110 m
			161.0	162.0	1.0	1.37 g/t Au over 1.0 m
	OSK-KAN-18-008		113.6	114.5	0.9	0.59 g/t Au over 0.9 m
	OSK-KAN-18-009		121.8	124.0	3.2	0.20 g/t Au over 3.2 m
			149.5	150.5	1.0	0.48 g/t Au over 1.0 m
			189.0	191.0	2.0	1.40 g/t Au over 2.0 m
			193.0	194.1	1.1	2.26 g/t Au over 1.1 m
			215.8	217.8	2.0	0.16 g/t Au over 2.0 m
			221.5	225.5	4.0	0.22 g/t Au over 4.0 m

Year	Drill Hole	Location	From (m)	To (m)	Length (m)	Values
			263.0	272.0	9.0	0.18 g/t Au over 9.0 m
			271.0	*272.0*	*1.0*	*including 0.54 g/t Au over 1 m*
	OSK-KAN-18-010		44.0	46.0	2.0	1.00 g/t Au over 2 m
			45.0	*46.0*	*1.0*	*including 1.76 g/t Au over 1 m*
			51.0	52.1	1.1	0.99 g/t Au over 1.1 m
			135.0	140.0	5.0	0.69 g/t Au over 5 m
			138.0	*140.0*	*2.0*	*including 1.29 g/t Au over 2 m*
	OSK-KAN-18-011		77.0	82.0	5.0	0.38 g/t Au over 5 m
	OSK-KAN-18-012		242.0	244.0	2.0	1.45 g/t Au over 2 m
			243.0	*244.0*	*1.0*	*including 2.68 g/t Au over 1 m*
	OSK-KAN-18-013		3.0	8.0	5.0	0.25 g/t Au over 5 m
			7.0	*8.0*	*1.0*	*including 0.53 g/t Au over 1 m*
	OSK-KAN-18-014		48.6	54.2	5.6	0.10 g/t Au over 5.6 m
			50.5	*51.5*	*1.0*	*including 0.3 g/t Au over 1 m*
	OSK-KAN-18-015		26.2	42.0	15.8	0.50 g/t Au over 15.8 m
			29.0	*30.0*	*1.0*	*including 3.28 g/t Au over 1 m*
			48.0	57.0	9.0	0.70 g/t Au over 9 m
	OSK-KAN-18-016		32.0	43.5	11.5	3.05 g/t Au over 11.5 m
			34.0	*36.0*	*2.0*	*including 6.5 g/t Au over 2 m*
			39.0	*42.0*	*3.0*	*And 5.8 g/t Au over 3 m*
			46.0	48.0	2.0	1.40 g/t Au over 2 m
			47.0	*48.0*	*1.0*	*including 2.47 g/t Au over 1 m*
			65.0	76.0	11.0	0.90 g/t Au over 11 m
	OSK-KAN-18-017		157.0	158.0	1.0	1.45 g/t Au over 1 m
			164.0	177.0	13.0	0.73 g/t Au over 13 m
			168.0	*169.0*	*1.0*	*including 1.55 g/t Au over 1 m*
			171.0	*174.0*	*3.0*	*And 1.19 g/t Au over 3 m*
	OSK-KAN-18-018		19,0	21,0	2,0	0.20 g/t Au over 2 m
	OSK-KAN-18-023		381,0	382,0	1,0	1.39 g/t Au over 1 m
	OSK-KAN-18-024		17,0	20,0	3,0	2.52 g/t Au over 3 m
			18,0	*19,0*	*1,0*	*including 5.34 g/t Au over 1 m*
			70,0	73.25	3.25	0.15 g/t Au over 3.25 m
			92,0	97,0	5,0	0.33 g/t Au over 5.0 m
			126,0	129,0	3,0	0.67 g/t Au over 3.0 m
	OSK-KAN-18-025		127,0	129,0	2,0	3.75 g/t Au over 2.0 m
			127,0	*128,0*	*1,0*	*including 7.28 g/t Au over 1 m*
			143,0	145,0	2,0	1.64 g/t Au over 2 m
			149,0	154,0	5,0	0.55 g/t Au over 5 m
			149,0	*150,0*	*1,0*	*including 1.48 g/t Au over 1 m*
			157,0	159.5	2.5	0.46 g/t Au over 2.5 m
			162,0	166,0	4,0	0.43 g/t Au over 4 m
			162,0	*163,0*	*1,0*	*including 1.14 g/t Au over 1 m*
			174,0	177,0	3,0	0.11 g/t Au over 3 m
	OSK-KAN-18-026		90,0	94,0	4,0	0.61 g/t Au over 4 m
			90,0	*91,0*	*1,0*	*including 1.7 g/t Au over 1 m*
			106,0	110,0	4,0	0.33 g/t Au over 4 m
			113,0	117,0	4,0	0.16 g/t Au over 4 m
			136,0	137,0	1,0	0.78 g/t Au over 1 m
			143,0	144,0	1,0	0.195 g/t Au over 1 m
			146,0	151,0	5,0	0.16 g/t Au over 5 m

Year	Drill Hole	Location	From (m)	To (m)	Length (m)	Values
	OSK-KAN-18-027		7,0	12,0	5,0	4.22 g/t Au over 5 m
			9,0	*12,0*	*3,0*	*including 6.57 g/t Au over 3 m*
			23,0	26,0	3,0	0.82 g/t Au over 3 m
			119,0	122,0	3,0	0.23 g/t Au over 3 m

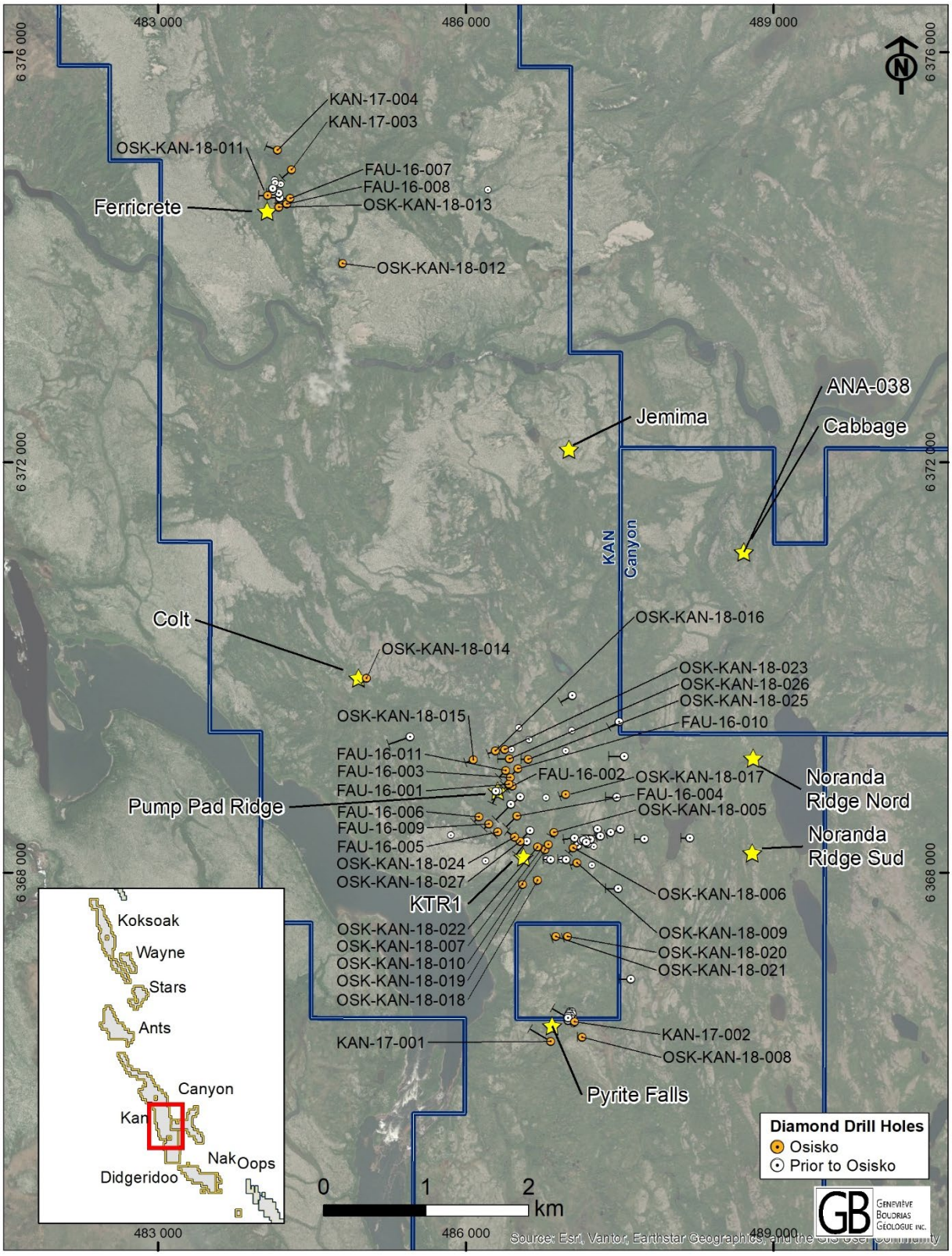


Figure 32. 2016-2018 Osisko DDH location – Kan Project.

11 SAMPLE PREPARATION, ANALYSIS AND SECURITY (ITEM 11)

The author believes that the sample preparation, analysis and security protocols for previous prospecting surveys, soil surveys and drill programs followed generally accepted industry standards at that time. Several historical data points have been validated (or refuted) in the field, the overall historical results are of sufficient quality for exploration purposes.

Procedural techniques and sampling done by Midland appear to have employed secure sample data collection and handling procedures consistent with best practice. The author is satisfied that correct collection techniques were used, sufficient chain-of-custody procedures were followed, and that appropriate chemical analyses were performed for the mineralization identified.

2019
All exploration activities on the Willbob Project were coordinated from Kuujjuaq. As the community is not connected by road to southern Québec, the transportation of samples requires air shipment. Midland Exploration ships all samples from Kuujjuaq to the ALS laboratory in Val-d'Or using Canada Post. Samples are securely packaged in identified rice bags, registered at the Canada Post office in Kuujjuaq, and transported by air. This shipping procedure has proven to be efficient and reliable throughout the exploration programs, with no reported loss of samples.

11.1 Sample preparation

2019

All work performed on the Willbob Project was operated from Kuujjuaq. As this village is not connected by road to the southern villages and cities, the shipping of the samples is a concern. Midland Exploration uses Canada Post for the shipping of all the samples from Kuujjuaq to the ALS laboratory in Val-d'Or. Samples are put in identified rice bags and are shipped by plane after registration at the Canada Post office in Kuujjuaq. This method has proven to be quick and provides good quality, considering that no sample was ever lost.

11.1.1 Rock Sampling

2016-2017
Midland Exploration uses Canada Post for the shipping of all the samples from Kuujjuaq to the Activation Laboratories LTD. in Val-d'Or. Samples are put in identified rice bags and are shipped by plane after registration at the Canada Post office in Kuujjuaq. This method has proven to be quick and provides good quality, considering that no sample was ever lost. Details for the assay methods can be found at ActLabs website (*https://actlabs.com/*).

2019
Grab samples collected on the field are prepared with a hammer and are put in a sterile plastic bag identified with an ActLabs tag number. The field geologist notes the GPS coordinate, writes a description and takes photos for each collected sample. In 2025, all grab samples were analyzed for gold and PGE (1C-OES). Also, base metals are assayed by an ultra-trace method ICP-MS after a 4-acid digestion (UT-4).

11.1.2 Channel Sampling

Channel samples were cut with a diamond blade portable cutting saw. A double line was sewed to collect the sample, and a perpendicular line was cut to delimit each sample. All samples were described and photographed by a field geologist and put into a sterile plastic bag with an ALS tag number. Channel samples were analyzed for gold (Au-AA23 and Au-SCR21) and base metals (ME-ICP61). As no channel samples returned values over 5 g/t Au in 2019, no gravimetric method has been used.

11.1.3 Soil Sampling

The sedimentary material was collected with a shovel and put into a paper bag, itself put in a plastic bag to prevent contamination. For shipping, the soil samples were put in rice bags apart from the rock samples.

11.1.4 Drill Hole Core Sampling

2019
After the drilling on the field, the core boxes were shipped by helicopter to the core facilities located at Kuujjuaq. Core sampling was executed, following a constant method. First, the geologist identified the selected samples on the core at chosen intervals (minimum 0.5 metre and maximum 1.5 metres). Then, the core boxes were carried to the cutting tent, where a specialized technician split the core in half with a diamond cutting saw. The technician carefully put the same split side of the core in a sterile plastic bag with an ALS tag number. Each plastic bag was closed with a tie wrap. Finally, the plastic bags were put in identified rice bags in a secure location waiting to be shipped by plane via Canada Post, to the Val-d'Or laboratory.

11.2 Analysis Methods

All analyses were performed by ALS Minerals. Samples were first shipped to the laboratory in Val-d'Or, Québec where they performed the sample preparation according to the PREP-31 protocol. Samples were crushed until up to 70% of their particles became smaller than 2mm. Then, 250 grams of every crushed rock was sprayed until up to 85% of it became smaller than 75 microns. Then, ALS Minerals dispatched most of the samples to their laboratory in North Vancouver for the remaining analysis procedures.

ALS Minerals global quality program includes internal and external inter-laboratory test programs and regularly scheduled internal audits that meet all requirements of ISO/IEC 17025:2017 and ISO 9001:2015. Details for the assay methods can be found at ALS Minerals web site.
website

11.3 Quality Control and Quality Assurance Monitoring (QA/QC)

The QA/QC assessment addresses three key aspects of analytical protocols: contamination, accuracy, and precision, as evaluated through field blanks, analytical blanks, certified reference materials (CRMs), and routine samples submitted to the laboratory. Internal laboratory QA/QC results were not considered in this section.

Quality control (QC) samples were inserted by Midland to validate the gold results from the laboratory. Blank samples were used to monitor possible contamination. Standards were inserted to ensure instrumental accuracy and precision from the laboratory. During grab, channel and core sampling, Midland inserted a QC sample every 20 samples with alternating blanks and standards. All quality control samples were analyzed for gold by fire assay with an atomic absorption finish (Au-AA23). Also, for each core sample, 100 samples, Ni-Co used one or two (1 or 2) standards, five (5) blanks, three (3) pulp duplicates and one (1) pulp. A total of 24 blanks, 23 standards and 25 pulps.

The Author believes that the sample preparation, analysis, security and QA/QC procedures used are adequate for the purpose of this report and the accuracy and quality of assays used in this report are confirmed. The Author did not visit the laboratory cited above but they have a reliable industry reputation, and work was completed in a professional manner.

12 DATA VERIFICATION (ITEM 12)

12.1 Data verification procedures

- Historical Data
    - Part of the historical information used in this report was derived mainly from documents prepared prior to the implementation of National Instrument 43-101 ("NI 43-101") Standards of Disclosure for Mineral Projects in Canada. The available information regarding sample preparation, analytical methods, and security procedures for the historical work described in the reviewed documents is not always complete. The Author reviewed and validated selected data from available historical reports.
- Recent acquisition of Kan Property (Kan Block) - Osisko
    - Based on the information provided in recent statutory documents from past owner, Osisko, the sampling procedures and analytical work appear to have been conducted in accordance with the standards applicable at the time and are considered acceptable by current standards.
        - The Author reviewed and independently verified the significant mineralized intervals from the Osisko and Midland drilling programs presented in the tables of this Report. The verification included recalculation of reported assay intervals using the original assay certificates and drill logs available to the Author.

          ↳ One (1) certificate appears to be missing: VO18163676
        - Overall, only two (2) intervals differ between the reported intervals and the Author's recalculated intervals. This discrepancy may be attributable to a missing assay certificate or a duplicate certificate in the available documentation.

↳ FAU-16-009	1.21 g/t Au / 8 m	(reported result)
	1.06 g/t Au / 8 m	(recalculated)
↳ OSK-KAN-18-027	4.22 g/t Au / 5 m	(reported result)
	4.04 g/t Au / 5 m	(recalculated)

- Midland works
    - Analytical results from the 2017–2018 and 2019 drilling programs were verified against the original certificates of analysis and compared with the logs and analytical data contained in the database provided by Midland. Selected significant mineralized core intervals were also reviewed at the core storage facilities.
        - Overall, only one (1) interval result differs between the reported interval and the recalculated interval. This discrepancy may be attributable to a missing assay certificate or a duplicate certificate in the available documentation.

↳ WB-17-011	2.23 g/t Au / 1.3 m	(reported result)
	2.18 g/t Au / 1.3 m	(recalculated)

    - In the author's opinion the field prospecting procedures, drilling program and sampling protocol, preparation and analytical procedures are adequate for a drilling stage exploration project.

12.2 Field visit

- The field visit was carried out by Geneviève Boudrias, geo., M.Sc. of Geneviève Boudrias geologist inc., between June 6 and June 14, 2026, for a total of 9 days.

- During these days, the Kuujuuaq core shack, the Old Osisko Kan Camp and its core shack and, several showings on different Blocks were visited.
- The different showings and area visited are listed on the Section 2.4 – Field Visit.
- The Author has not independently verified any sample from the Property.

13 MINERAL PROCESSING AND METALLURGICAL TESTING (ITEM 13)

No Mineral Processing and Metallurgical Testing has been carried out on the Property.

14 MINERAL RESSOURCES ESTIMATES (ITEM 14)

No mineral Resource and Mineral Reserve estimates were realized by Midland.

15 ITEMS 15 to 22

Not applicable.

23 ADJACENT PROPERTIES (ITEM 23)

The main adjacent properties are located near and adjacent to the Koksoak and Stars Blocks. The principal adjacent property is owned by a company number, 14259254 Canada Inc. The other properties are owned by Entreprises minières Globex Inc., Contigo Resources Ltd and Critical Minerals Properties. Adjacent to the KAN-Canyon Block, at its northern edge, Glencore Canada holds a few EER. The EER shown in gray are held by prospectors (Figure 33).

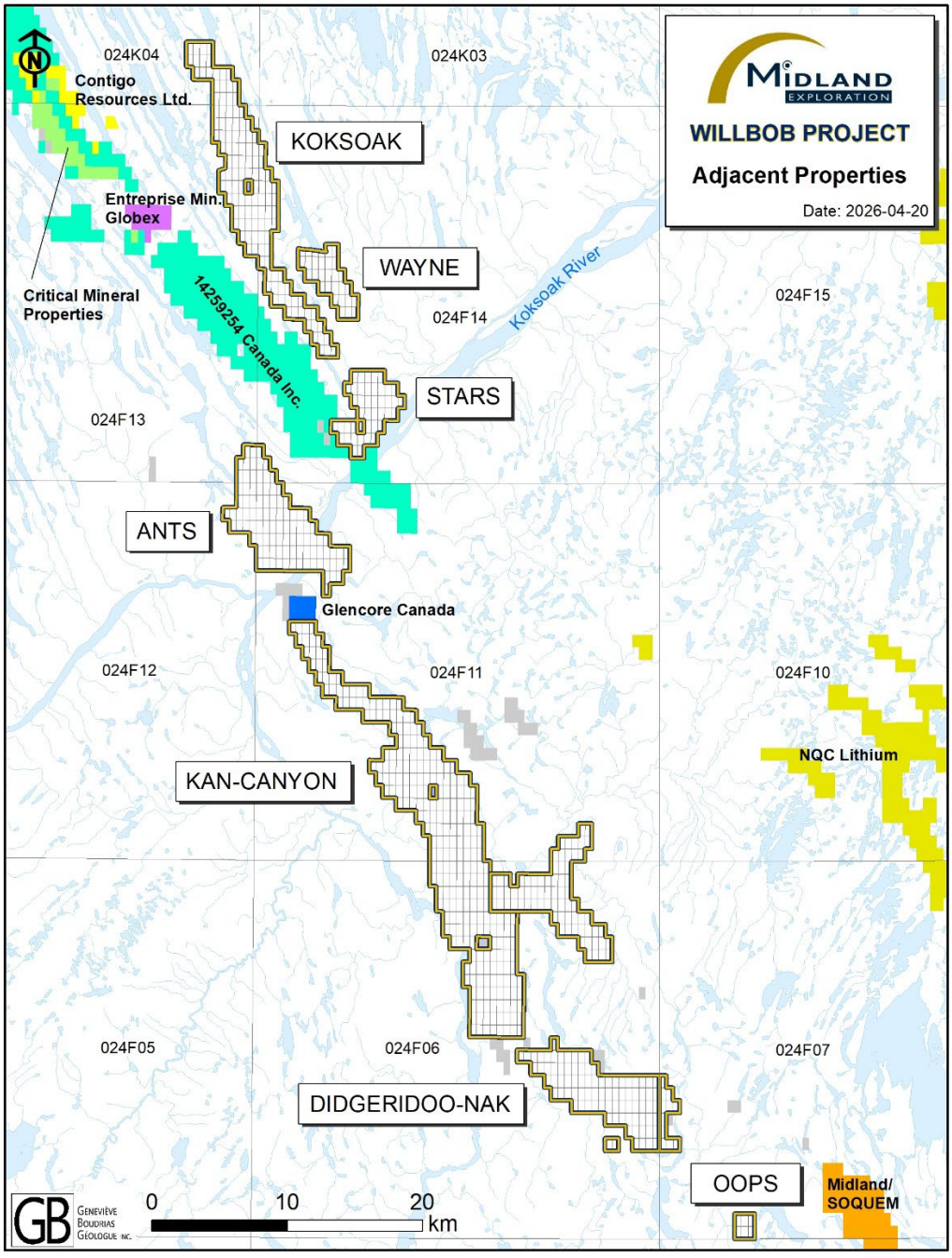


Figure 33. Adjacent properties.

24 OTHER RELEVANT DATA AND INFORMATION (ITEM 24)

To the best of the author's knowledge, all relevant information has been included in other sections of this report.

25 INTERPRETATION AND CONCLUSIONS (ITEM 25)

Exploration work completed on the Willbob Property between 2014 and 2025 has significantly improved the geological understanding of the project and demonstrated the presence of a widespread gold-bearing hydrothermal system distributed over several prospective structural corridors. Systematic prospecting, geological mapping, channel sampling, trenching, geophysical surveys, soil geochemistry and diamond drilling have resulted in the identification of numerous new gold showings and the delineation of several mineralized targets.

Among the various occurrences, the **Ants** and **Didgeridoo** showings represent the most advanced targets. Channel sampling at Ants returned significant gold intercepts, including **1.78 g/t Au over 23.3 m**, with subsequent drilling confirming the continuity of the mineralized zone at depth (e.g., **1.81 g/t Au over 12.06 m** and **2.09 g/t Au over 6.01 m**). At Didgeridoo, channel sampling returned **2.30 g/t Au over 8.95 m**, confirming the presence of a laterally continuous mineralized structure. Several other showings, including Golden Tooth, Lafrance, Polar Bear, Sunshine, Canyon and NAK, have returned locally significant gold values from grab, channel or drill samples, highlighting the district-scale exploration potential of the property.

The discovery of more than twenty new mineralized showings since 2016 demonstrates that the property remains underexplored despite extensive exploration efforts. Recent work completed in 2024 and 2025 further expanded the mineralized footprint through the acquisition of the Kan Property and the identification of new high-grade grab sample results, particularly in the Canyon area, where assays up to **39.5 g/t Au** were obtained. While several historical showings were not successfully replicated during recent prospecting, the overall exploration results continue to support the presence of multiple mineralized systems requiring additional evaluation.

To date, exploration has identified several gold occurrences with encouraging surface and subsurface results; however, drilling has been limited to selected targets and some adjacent areas. The distribution of mineralization, the presence of multiple favorable host lithologies and structures, and the continued generation of new exploration targets indicate that the Willbob Property remains highly prospective for the discovery of additional gold mineralization. Further systematic exploration, including detailed geological mapping, geochemical surveys, geophysical interpretation and follow-up diamond drilling on the most promising targets, is warranted.

26 RECOMMENDATIONS (ITEM 26)

Complete the database with the DDH and channel over the Koksoak Block – Noranda.

Based on the exploration results obtained to date, focus on the **Ants** showing, where channel sampling and diamond drilling have demonstrated continuity of gold mineralization from surface to depth should be more explore. Additional step-out and infill diamond drilling is recommended to define the extent of the mineralized zone both along strike and down dip and improve the geological model.

Follow-up work is also recommended on the **Didgeridoo** showing, where channel sampling has outlined a broad mineralized interval, but drilling remains limited. Additional drilling should test the continuity of the mineralized structure at depth and along strike.

The high-grade mineralization obtained in the **Canyon** area, including grab samples grading up to **39.5 g/t Au**, warrants systematic follow-up consisting of detailed geological mapping, trenching where feasible, channel sampling, and geophysical surveys to identify drill targets. Similar follow-up prospecting should be completed on the **NAK** area, where encouraging gold values were obtained from sulphide-bearing quartz veins and altered gabbro.

Numerous other showings, including **Golden Tooth, Lafrance, Polar Bear, Sunshine, Wayne, Alias, and Kuurrok**, remain incompletely tested. Additional prospecting, detailed mapping, structural analysis, and selective channel sampling are recommended to refine drill targets.

Recommended Work Program

Drilling and Prospection	3,100,000.00$
Airborne geophysical survey – 100 m Over Digeridoo and Ants Blocks	100,000.00$
TOTAL	3,200,000.00$

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APPENDIX I – EER list: All by EER number

All the Exclusive Exploration Right ("EER"), as of April 20, 2026, are:

- Wholly owned by Midland Exploration Inc. (100%)
- Map-designated cells ("CDC")
- Located within the Rivière Koksoak Municipality, Kativik Regional Administration (MRC) and part of the Nord-du Québec Administrative Region

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
1	2769275	24F13	2023-05-30	2026-05-29	- $	45,79	Koksoak	
2	2769276	24F13	2023-05-30	2026-05-29	7 856,00 $	45,78	Koksoak	
3	2769277	24F13	2023-05-30	2026-05-29	7 856,00 $	45,78	Koksoak	
4	2088325	24F11	2007-06-01	2026-05-31	81 562,54 $	46,33	Kan-Canyon	2%
5	2088326	24F11	2007-06-01	2026-05-31	150 127,16 $	46,33	Kan-Canyon	2%
6	2428489	24F13	2015-06-03	2026-06-02	- $	45,82	Koksoak	
7	2428490	24F13	2015-06-03	2026-06-02	561,60 $	45,82	Koksoak	
8	2428491	24F13	2015-06-03	2026-06-02	- $	45,81	Koksoak	
9	2428492	24F13	2015-06-03	2026-06-02	- $	45,81	Koksoak	
10	2428493	24F13	2015-06-03	2026-06-02	- $	45,8	Koksoak	
11	2428495	24F13	2015-06-03	2026-06-02	- $	45,8	Koksoak	
12	2428496	24F13	2015-06-03	2026-06-02	- $	45,79	Koksoak	
13	2428497	24F13	2015-06-03	2026-06-02	- $	45,78	Koksoak	
14	2428498	24F13	2015-06-03	2026-06-02	208,15 $	45,77	Koksoak	
15	2428499	24F13	2015-06-03	2026-06-02	5 045,15 $	45,77	Koksoak	
16	2428500	24F13	2015-06-03	2026-06-02	707 171,40 $	45,77	Koksoak	
17	2428501	24F13	2015-06-03	2026-06-02	4 233,15 $	45,76	Koksoak	
18	2428502	24F13	2015-06-03	2026-06-02	14 423,15 $	45,76	Koksoak	
19	2428503	24F14	2015-06-03	2026-06-02	- $	45,82	Koksoak	
20	2428504	24F14	2015-06-03	2026-06-02	- $	45,82	Koksoak	
21	2428505	24F14	2015-06-03	2026-06-02	- $	45,81	Koksoak	
22	2428506	24F14	2015-06-03	2026-06-02	- $	45,8	Koksoak	
23	2428507	24F14	2015-06-03	2026-06-02	- $	45,8	Koksoak	
24	2428508	24F14	2015-06-03	2026-06-02	- $	45,8	Koksoak	
25	2428510	24F14	2015-06-03	2026-06-02	- $	45,79	Koksoak	
26	2428511	24F14	2015-06-03	2026-06-02	- $	45,79	Koksoak	
27	2428512	24F14	2015-06-03	2026-06-02	- $	45,78	Koksoak	
28	2428513	24F14	2015-06-03	2026-06-02	- $	45,78	Koksoak	
29	2428514	24F14	2015-06-03	2026-06-02	- $	45,78	Koksoak	
30	2428494	24F13	2015-06-03	2026-06-02	- $	45,8	Koksoak	
31	2428509	24F14	2015-06-03	2026-06-02	- $	45,79	Koksoak	
32	2773403	24F11	2023-06-16	2026-06-15	- $	46,23	Kan-Canyon	2%
33	2773404	24F11	2023-06-16	2026-06-15	- $	46,22	Kan-Canyon	2%
34	2773405	24F11	2023-06-16	2026-06-15	- $	46,22	Kan-Canyon	2%
35	2773406	24F11	2023-06-16	2026-06-15	- $	46,22	Kan-Canyon	2%
36	2773407	24F11	2023-06-16	2026-06-15	- $	46,22	Kan-Canyon	2%
37	2773408	24F11	2023-06-16	2026-06-15	- $	46,22	Kan-Canyon	2%
38	2773409	24F11	2023-06-16	2026-06-15	- $	46,21	Kan-Canyon	2%
39	2773410	24F11	2023-06-16	2026-06-15	- $	46,21	Kan-Canyon	2%
40	2773411	24F11	2023-06-16	2026-06-15	- $	46,21	Kan-Canyon	2%
41	2773412	24F11	2023-06-16	2026-06-15	- $	46,21	Kan-Canyon	2%

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
42	2773413	24F11	2023-06-16	2026-06-15	- $	46,21	Kan-Canyon	2%
43	2773414	24F11	2023-06-16	2026-06-15	- $	46,21	Kan-Canyon	2%
44	2773415	24F11	2023-06-16	2026-06-15	- $	46,21	Kan-Canyon	2%
45	2773416	24F11	2023-06-16	2026-06-15	- $	46,21	Kan-Canyon	2%
46	2773417	24F11	2023-06-16	2026-06-15	- $	46,2	Kan-Canyon	2%
47	2773418	24F11	2023-06-16	2026-06-15	- $	46,2	Kan-Canyon	2%
48	2773419	24F11	2023-06-16	2026-06-15	- $	46,2	Kan-Canyon	2%
49	2773421	24F11	2023-06-16	2026-06-15	- $	46,2	Kan-Canyon	2%
50	2773422	24F11	2023-06-16	2026-06-15	- $	46,2	Kan-Canyon	2%
51	2773423	24F11	2023-06-16	2026-06-15	- $	46,2	Kan-Canyon	2%
52	2773424	24F11	2023-06-16	2026-06-15	- $	46,2	Kan-Canyon	2%
53	2773425	24F11	2023-06-16	2026-06-15	- $	46,2	Kan-Canyon	2%
54	2773427	24F11	2023-06-16	2026-06-15	- $	46,19	Kan-Canyon	2%
55	2773428	24F11	2023-06-16	2026-06-15	- $	46,19	Kan-Canyon	2%
56	2773429	24F11	2023-06-16	2026-06-15	- $	46,19	Kan-Canyon	2%
57	2773430	24F11	2023-06-16	2026-06-15	- $	46,19	Kan-Canyon	2%
58	2773431	24F11	2023-06-16	2026-06-15	- $	46,19	Kan-Canyon	2%
59	2773433	24F11	2023-06-16	2026-06-15	- $	46,19	Kan-Canyon	2%
60	2773434	24F11	2023-06-16	2026-06-15	- $	46,18	Kan-Canyon	2%
61	2773436	24F11	2023-06-16	2026-06-15	- $	46,18	Kan-Canyon	2%
62	2773437	24F11	2023-06-16	2026-06-15	- $	46,18	Kan-Canyon	2%
63	2773438	24F11	2023-06-16	2026-06-15	- $	46,17	Kan-Canyon	2%
64	2773439	24F11	2023-06-16	2026-06-15	- $	46,17	Kan-Canyon	2%
65	2773440	24F11	2023-06-16	2026-06-15	- $	46,17	Kan-Canyon	2%
66	2773441	24F11	2023-06-16	2026-06-15	- $	46,16	Kan-Canyon	2%
67	2773442	24F11	2023-06-16	2026-06-15	- $	46,16	Kan-Canyon	2%
68	2773443	24F11	2023-06-16	2026-06-15	- $	46,16	Kan-Canyon	2%
69	2773444	24F11	2023-06-16	2026-06-15	- $	46,16	Kan-Canyon	2%
70	2773445	24F11	2023-06-16	2026-06-15	- $	46,15	Kan-Canyon	2%
71	2773446	24F11	2023-06-16	2026-06-15	- $	46,15	Kan-Canyon	2%
72	2773447	24F11	2023-06-16	2026-06-15	- $	46,15	Kan-Canyon	2%
73	2773448	24F11	2023-06-16	2026-06-15	- $	46,15	Kan-Canyon	2%
74	2773450	24F11	2023-06-16	2026-06-15	- $	46,14	Kan-Canyon	2%
75	2773451	24F11	2023-06-16	2026-06-15	- $	46,14	Kan-Canyon	2%
76	2773452	24F11	2023-06-16	2026-06-15	- $	46,14	Kan-Canyon	2%
77	2773420	24F11	2023-06-16	2026-06-15	- $	46,2	Kan-Canyon	2%
78	2773426	24F11	2023-06-16	2026-06-15	- $	46,2	Kan-Canyon	2%
79	2773432	24F11	2023-06-16	2026-06-15	- $	46,19	Kan-Canyon	2%
80	2773435	24F11	2023-06-16	2026-06-15	- $	46,18	Kan-Canyon	2%
81	2773449	24F11	2023-06-16	2026-06-15	- $	46,14	Kan-Canyon	2%
82	2099187	24F06	2007-07-04	2026-07-03	- $	46,39	Kan-Canyon	2%
83	2099218	24F06	2007-07-04	2026-07-03	309 153,07 $	46,39	Kan-Canyon	2%
84	2099220	24F06	2007-07-04	2026-07-03	1 129 649,84 $	46,39	Kan-Canyon	2%
85	2099222	24F06	2007-07-04	2026-07-03	294 138,71 $	46,39	Kan-Canyon	2%
86	2099224	24F06	2007-07-04	2026-07-03	799,32 $	46,39	Kan-Canyon	2%
87	2099189	24F06	2007-07-04	2026-07-03	- $	46,39	Kan-Canyon	2%
88	2099191	24F06	2007-07-04	2026-07-03	1 825,03 $	46,39	Kan-Canyon	2%
89	2099193	24F06	2007-07-04	2026-07-03	15 482,70 $	46,38	Kan-Canyon	2%
90	2099195	24F06	2007-07-04	2026-07-03	263 989,37 $	46,38	Kan-Canyon	2%
91	2099196	24F06	2007-07-04	2026-07-03	1 562 509,31 $	46,38	Kan-Canyon	2%
92	2099198	24F06	2007-07-04	2026-07-03	837 741,42 $	46,38	Kan-Canyon	2%

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
93	2099200	24F06	2007-07-04	2026-07-03	23 813,75 $	46,38	Kan-Canyon	2%
94	2099202	24F06	2007-07-04	2026-07-03	- $	46,38	Kan-Canyon	2%
95	2099204	24F06	2007-07-04	2026-07-03	685,76 $	46,38	Kan-Canyon	2%
96	2099206	24F06	2007-07-04	2026-07-03	55 349,91 $	46,38	Kan-Canyon	2%
97	2099210	24F06	2007-07-04	2026-07-03	64 787,03 $	46,37	Kan-Canyon	2%
98	2099212	24F06	2007-07-04	2026-07-03	1 424,27 $	46,37	Kan-Canyon	2%
99	2099214	24F06	2007-07-04	2026-07-03	126 234,42 $	46,37	Kan-Canyon	2%
100	2099216	24F06	2007-07-04	2026-07-03	2 974,94 $	46,37	Kan-Canyon	2%
101	2099208	24F06	2007-07-04	2026-07-03	16 482,63 $	46,37	Kan-Canyon	2%
102	2431593	24F14	2015-07-28	2026-07-27	- $	27,81	Wayne	
103	2431594	24F14	2015-07-28	2026-07-27	- $	25,28	Wayne	
104	2431595	24F14	2015-07-28	2026-07-27	1 079,50 $	22,75	Wayne	
105	2431597	24F14	2015-07-28	2026-07-27	- $	20,22	Wayne	
106	2431596	24F14	2015-07-28	2026-07-27	- $	44,98	Wayne	
107	2431588	24F14	2015-07-28	2026-07-27	- $	44,65	Koksoak	
108	2431587	24F13	2015-07-28	2026-07-27	30 956,15 $	45,63	Koksoak	
109	88976	24F11	2005-08-12	2026-08-11	123 861,86 $	46,31	Kan-Canyon	2%
110	88975	24F11	2005-08-12	2026-08-11	503 375,95 $	46,32	Kan-Canyon	2%
111	2432292	24F14	2015-08-20	2026-08-19	- $	45,93	Stars	
112	2432293	24F14	2015-08-20	2026-08-19	- $	45,93	Stars	
113	2432294	24F14	2015-08-20	2026-08-19	- $	45,93	Stars	
114	2432295	24F14	2015-08-20	2026-08-19	- $	45,93	Stars	
115	2432296	24F14	2015-08-20	2026-08-19	- $	45,93	Stars	
116	2432311	24F14	2015-08-20	2026-08-19	- $	45,91	Koksoak	
117	2432312	24F14	2015-08-20	2026-08-19	325,45 $	45,91	Koksoak	
118	2432323	24F14	2015-08-20	2026-08-19	91,10 $	45,9	Koksoak	
119	2432324	24F14	2015-08-20	2026-08-19	- $	45,9	Koksoak	
120	2432325	24F14	2015-08-20	2026-08-19	- $	45,9	Koksoak	
121	2432336	24F14	2015-08-20	2026-08-19	- $	45,89	Koksoak	
122	2432337	24F14	2015-08-20	2026-08-19	241,15 $	45,89	Koksoak	
123	2432338	24F14	2015-08-20	2026-08-19	- $	45,89	Koksoak	
124	2432346	24F14	2015-08-20	2026-08-19	- $	45,87	Koksoak	
125	2432347	24F14	2015-08-20	2026-08-19	- $	45,87	Koksoak	
126	2432348	24F14	2015-08-20	2026-08-19	- $	45,87	Koksoak	
127	2432349	24F14	2015-08-20	2026-08-19	- $	45,87	Koksoak	
128	2432350	24F14	2015-08-20	2026-08-19	- $	45,87	Koksoak	
129	2432354	24F14	2015-08-20	2026-08-19	- $	45,87	Wayne	
130	2432355	24F14	2015-08-20	2026-08-19	945,15 $	45,87	Wayne	
131	2432356	24F14	2015-08-20	2026-08-19	856,29 $	45,87	Wayne	
132	2432359	24F14	2015-08-20	2026-08-19	- $	45,86	Koksoak	
133	2432360	24F14	2015-08-20	2026-08-19	- $	45,86	Koksoak	
134	2432362	24F14	2015-08-20	2026-08-19	- $	45,86	Koksoak	
135	2432363	24F14	2015-08-20	2026-08-19	- $	45,86	Koksoak	
136	2432368	24F14	2015-08-20	2026-08-19	- $	45,86	Wayne	
137	2432369	24F14	2015-08-20	2026-08-19	5,45 $	45,86	Wayne	
138	2432370	24F14	2015-08-20	2026-08-19	- $	45,86	Wayne	
139	2432427	24F13	2015-08-20	2026-08-19	- $	45,81	Koksoak	
140	2432372	24F14	2015-08-20	2026-08-19	- $	45,85	Koksoak	
141	2432373	24F14	2015-08-20	2026-08-19	1 991,01 $	45,85	Koksoak	
142	2432374	24F14	2015-08-20	2026-08-19	- $	45,85	Koksoak	
143	2432375	24F14	2015-08-20	2026-08-19	- $	45,85	Koksoak	

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
144	2432380	24F14	2015-08-20	2026-08-19	201,45 $	45,85	Wayne	
145	2432381	24F14	2015-08-20	2026-08-19	- $	45,85	Wayne	
146	2432382	24F14	2015-08-20	2026-08-19	- $	45,85	Wayne	
147	2432383	24F14	2015-08-20	2026-08-19	- $	45,85	Wayne	
148	2432387	24F14	2015-08-20	2026-08-19	- $	45,84	Koksoak	
149	2432388	24F14	2015-08-20	2026-08-19	- $	45,84	Koksoak	
150	2432393	24F14	2015-08-20	2026-08-19	3 052,15 $	45,84	Wayne	
151	2432394	24F14	2015-08-20	2026-08-19	63 611,10 $	45,84	Wayne	
152	2432395	24F14	2015-08-20	2026-08-19	9 403,15 $	45,84	Wayne	
153	2432396	24F14	2015-08-20	2026-08-19	- $	45,84	Wayne	
154	2432397	24F14	2015-08-20	2026-08-19	- $	45,84	Wayne	
155	2432398	24F14	2015-08-20	2026-08-19	- $	45,83	Koksoak	
156	2432399	24F14	2015-08-20	2026-08-19	- $	45,83	Koksoak	
157	2432404	24F14	2015-08-20	2026-08-19	- $	45,83	Wayne	
158	2432405	24F14	2015-08-20	2026-08-19	99,29 $	45,83	Wayne	
159	2432406	24F14	2015-08-20	2026-08-19	862,14 $	45,83	Wayne	
160	2432407	24F14	2015-08-20	2026-08-19	61 519,24 $	45,83	Wayne	
161	2432408	24F14	2015-08-20	2026-08-19	7 935,14 $	45,83	Wayne	
162	2432409	24F14	2015-08-20	2026-08-19	- $	45,83	Wayne	
163	2432313	24F14	2015-08-20	2026-08-19	- $	45,91	Koksoak	
164	2432361	24F14	2015-08-20	2026-08-19	- $	45,86	Koksoak	
165	2432384	24F14	2015-08-20	2026-08-19	1 158,97 $	45,85	Wayne	
166	2432386	24F14	2015-08-20	2026-08-19	- $	45,84	Koksoak	
167	2432392	24F14	2015-08-20	2026-08-19	- $	45,84	Wayne	
168	2432436	24F13	2015-08-21	2026-08-20	- $	45,8	Koksoak	
169	2432443	24F13	2015-08-21	2026-08-20	- $	45,79	Koksoak	
170	2432451	24F13	2015-08-21	2026-08-20	- $	45,78	Koksoak	
171	2432452	24F13	2015-08-21	2026-08-20	- $	45,78	Koksoak	
172	2432457	24F13	2015-08-21	2026-08-20	- $	45,77	Koksoak	
173	2311103	24F11	2011-08-30	2026-08-29	- $	46,24	Kan-Canyon	2%
174	2311107	24F11	2011-08-30	2026-08-29	- $	46,23	Kan-Canyon	2%
175	2311108	24F11	2011-08-30	2026-08-29	- $	46,23	Kan-Canyon	2%
176	2311109	24F11	2011-08-30	2026-08-29	- $	46,23	Kan-Canyon	2%
177	2311110	24F11	2011-08-30	2026-08-29	- $	46,23	Kan-Canyon	2%
178	93258	24F11	2005-09-08	2026-09-07	- $	46,31	Kan-Canyon	2%
179	93257	24F11	2005-09-08	2026-09-07	4 435,55 $	46,32	Kan-Canyon	2%
180	2311895	24F11	2011-09-12	2026-09-11	- $	46,28	Kan-Canyon	2%
181	2311896	24F11	2011-09-12	2026-09-11	- $	46,28	Kan-Canyon	2%
182	2311897	24F11	2011-09-12	2026-09-11	- $	46,27	Kan-Canyon	2%
183	2311898	24F11	2011-09-12	2026-09-11	- $	46,27	Kan-Canyon	2%
184	2311899	24F11	2011-09-12	2026-09-11	- $	46,26	Kan-Canyon	2%
185	2311900	24F11	2011-09-12	2026-09-11	- $	46,26	Kan-Canyon	2%
186	2311901	24F11	2011-09-12	2026-09-11	- $	46,25	Kan-Canyon	2%
187	2311902	24F11	2011-09-12	2026-09-11	- $	46,25	Kan-Canyon	2%
188	2311903	24F11	2011-09-12	2026-09-11	- $	46,25	Kan-Canyon	2%
189	2311904	24F11	2011-09-12	2026-09-11	119 180,70 $	46,24	Kan-Canyon	2%
190	2311905	24F11	2011-09-12	2026-09-11	- $	46,24	Kan-Canyon	2%
191	2433275	24F13	2015-09-15	2026-09-14	13 415,89 $	40,7	Koksoak	
192	2313520	24F11	2011-09-26	2026-09-25	- $	46,27	Kan-Canyon	2%
193	2313521	24F11	2011-09-26	2026-09-25	- $	46,27	Kan-Canyon	2%
194	2313522	24F11	2011-09-26	2026-09-25	- $	46,26	Kan-Canyon	2%

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
195	2313523	24F11	2011-09-26	2026-09-25	- $	46,26	Kan-Canyon	2%
196	2313524	24F11	2011-09-26	2026-09-25	136 471,07 $	46,25	Kan-Canyon	2%
197	2313525	24F11	2011-09-26	2026-09-25	- $	46,25	Kan-Canyon	2%
198	2313663	24F06	2011-09-27	2026-09-26	- $	46,44	Kan-Canyon	2%
199	2313664	24F06	2011-09-27	2026-09-26	20 649,00 $	46,44	Kan-Canyon	2%
200	2313665	24F06	2011-09-27	2026-09-26	- $	46,44	Kan-Canyon	2%
201	2313666	24F06	2011-09-27	2026-09-26	- $	46,44	Kan-Canyon	2%
202	2313667	24F06	2011-09-27	2026-09-26	- $	46,44	Kan-Canyon	2%
203	2313668	24F06	2011-09-27	2026-09-26	- $	46,44	Kan-Canyon	2%
204	2313669	24F06	2011-09-27	2026-09-26	- $	46,43	Kan-Canyon	2%
205	2313670	24F06	2011-09-27	2026-09-26	- $	46,43	Kan-Canyon	2%
206	2313671	24F06	2011-09-27	2026-09-26	- $	46,43	Kan-Canyon	2%
207	2313672	24F06	2011-09-27	2026-09-26	- $	46,43	Kan-Canyon	2%
208	2313673	24F06	2011-09-27	2026-09-26	- $	46,43	Kan-Canyon	2%
209	2313674	24F06	2011-09-27	2026-09-26	- $	46,43	Kan-Canyon	2%
210	2313675	24F06	2011-09-27	2026-09-26	- $	46,42	Kan-Canyon	2%
211	2313676	24F06	2011-09-27	2026-09-26	- $	46,42	Kan-Canyon	2%
212	2313677	24F06	2011-09-27	2026-09-26	- $	46,42	Kan-Canyon	2%
213	2313678	24F06	2011-09-27	2026-09-26	- $	46,42	Kan-Canyon	2%
214	2313679	24F06	2011-09-27	2026-09-26	- $	46,42	Kan-Canyon	2%
215	2313681	24F06	2011-09-27	2026-09-26	- $	46,41	Kan-Canyon	2%
216	2313682	24F06	2011-09-27	2026-09-26	- $	46,41	Kan-Canyon	2%
217	2313683	24F06	2011-09-27	2026-09-26	- $	46,41	Kan-Canyon	2%
218	2313657	24F06	2011-09-27	2026-09-26	- $	46,45	Kan-Canyon	2%
219	2313658	24F06	2011-09-27	2026-09-26	2 500,00 $	46,45	Kan-Canyon	2%
220	2313659	24F06	2011-09-27	2026-09-26	400,00 $	46,45	Kan-Canyon	2%
221	2313660	24F06	2011-09-27	2026-09-26	- $	46,45	Kan-Canyon	2%
222	2313661	24F06	2011-09-27	2026-09-26	- $	46,45	Kan-Canyon	2%
223	2313662	24F06	2011-09-27	2026-09-26	- $	46,45	Kan-Canyon	2%
224	2313680	24F06	2011-09-27	2026-09-26	- $	46,42	Kan-Canyon	2%
225	2313876	24F06	2011-09-28	2026-09-27	- $	46,44	Kan-Canyon	2%
226	2313877	24F06	2011-09-28	2026-09-27	- $	46,43	Kan-Canyon	2%
227	2313875	24F06	2011-09-28	2026-09-27	- $	46,45	Kan-Canyon	2%
228	2318454	24F06	2011-10-18	2026-10-17	303 425,95 $	46,41	Kan-Canyon	2%
229	2318455	24F06	2011-10-18	2026-10-17	302 180,22 $	46,41	Kan-Canyon	2%
230	2318423	24F06	2011-10-18	2026-10-17	- $	46,41	Kan-Canyon	2%
231	2434517	24F14	2015-10-29	2026-10-28	- $	45,94	Stars	
232	2434530	24F14	2015-10-29	2026-10-28	- $	45,86	Wayne	
233	2434499	24F14	2015-10-29	2026-10-28	- $	45,96	Stars	
234	2434503	24F14	2015-10-29	2026-10-28	- $	45,95	Stars	
235	2434504	24F14	2015-10-29	2026-10-28	- $	45,95	Stars	
236	2434505	24F14	2015-10-29	2026-10-28	- $	45,95	Stars	
237	2434506	24F14	2015-10-29	2026-10-28	- $	45,95	Stars	
238	2434507	24F14	2015-10-29	2026-10-28	617,39 $	45,95	Stars	
239	2434511	24F14	2015-10-29	2026-10-28	- $	45,94	Stars	
240	2434512	24F14	2015-10-29	2026-10-28	- $	45,94	Stars	
241	2434513	24F14	2015-10-29	2026-10-28	- $	45,94	Stars	
242	2434514	24F14	2015-10-29	2026-10-28	1 749,06 $	45,94	Stars	
243	2434515	24F14	2015-10-29	2026-10-28	887,39 $	45,94	Stars	
244	2434516	24F14	2015-10-29	2026-10-28	- $	45,94	Stars	
245	2434535	24F14	2015-10-29	2026-10-28	- $	45,82	Wayne	

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
246	2434500	24F14	2015-10-29	2026-10-28	- $	45,96	Stars	
247	2194269	24F06	2009-11-11	2026-11-10	- $	46,36	Kan-Canyon	2%
248	2194270	24F06	2009-11-11	2026-11-10	43 631,51 $	46,36	Kan-Canyon	2%
249	2194271	24F06	2009-11-11	2026-11-10	- $	46,35	Kan-Canyon	2%
250	2194273	24F06	2009-11-11	2026-11-10	- $	46,34	Kan-Canyon	2%
251	2194272	24F06	2009-11-11	2026-11-10	- $	46,35	Kan-Canyon	2%
252	2436718	24K04	2016-02-05	2027-02-04	- $	45,67	Koksoak	
253	2436719	24K04	2016-02-05	2027-02-04	- $	45,68	Koksoak	
254	2436720	24K04	2016-02-05	2027-02-04	20 007,42 $	45,67	Koksoak	
255	2436721	24K04	2016-02-05	2027-02-04	- $	45,66	Koksoak	
256	2436722	24K04	2016-02-05	2027-02-04	520,14 $	45,66	Koksoak	
257	2436723	24K04	2016-02-05	2027-02-04	3 324,14 $	45,66	Koksoak	
258	2436724	24K04	2016-02-05	2027-02-04	- $	45,66	Koksoak	
259	2436725	24K04	2016-02-05	2027-02-04	- $	45,65	Koksoak	
260	2436726	24K04	2016-02-05	2027-02-04	- $	45,65	Koksoak	
261	2436727	24K04	2016-02-05	2027-02-04	- $	45,65	Koksoak	
262	2443494	24F14	2016-04-26	2027-04-25	- $	45,99	Stars	
263	2443495	24F14	2016-04-26	2027-04-25	- $	45,99	Stars	
264	2443498	24F14	2016-04-26	2027-04-25	- $	45,98	Stars	
265	2443499	24F14	2016-04-26	2027-04-25	- $	45,98	Stars	
266	2443500	24F14	2016-04-26	2027-04-25	- $	45,98	Stars	
267	2443501	24F14	2016-04-26	2027-04-25	- $	45,98	Stars	
268	2443504	24F14	2016-04-26	2027-04-25	- $	45,97	Stars	
269	2443505	24F14	2016-04-26	2027-04-25	- $	45,97	Stars	
270	2443506	24F14	2016-04-26	2027-04-25	- $	45,97	Stars	
271	2443507	24F14	2016-04-26	2027-04-25	- $	45,97	Stars	
272	2403705	24K04	2014-05-08	2027-05-07	- $	45,7	Koksoak	
273	2403706	24K04	2014-05-08	2027-05-07	4 624,62 $	45,7	Koksoak	
274	2403707	24K04	2014-05-08	2027-05-07	- $	45,7	Koksoak	
275	2403708	24K04	2014-05-08	2027-05-07	- $	45,69	Koksoak	
276	2403709	24K04	2014-05-08	2027-05-07	178 428,32 $	45,69	Koksoak	
277	2403710	24K04	2014-05-08	2027-05-07	- $	45,69	Koksoak	
278	2403701	24F13	2014-05-08	2027-05-07	- $	45,72	Koksoak	
279	2403702	24F13	2014-05-08	2027-05-07	- $	45,72	Koksoak	
280	2403703	24F13	2014-05-08	2027-05-07	- $	45,71	Koksoak	
281	2403704	24F13	2014-05-08	2027-05-07	- $	45,71	Koksoak	
282	2540580	24F06	2019-06-10	2027-06-09	4 788,00 $	46,4	Kan-Canyon	
283	2540581	24F06	2019-06-10	2027-06-09	758,00 $	46,4	Kan-Canyon	
284	2540582	24F06	2019-06-10	2027-06-09	- $	46,39	Kan-Canyon	
285	2540583	24F06	2019-06-10	2027-06-09	- $	46,39	Kan-Canyon	
286	2540584	24F06	2019-06-10	2027-06-09	22 412,00 $	46,39	Kan-Canyon	
287	2540585	24F06	2019-06-10	2027-06-09	56 435,00 $	46,39	Kan-Canyon	
288	2540586	24F06	2019-06-10	2027-06-09	45 642,00 $	46,39	Kan-Canyon	
289	2540587	24F06	2019-06-10	2027-06-09	- $	46,39	Kan-Canyon	
290	2540588	24F06	2019-06-10	2027-06-09	- $	46,38	Kan-Canyon	
291	2540589	24F06	2019-06-10	2027-06-09	7 856,00 $	46,38	Kan-Canyon	
292	2540590	24F06	2019-06-10	2027-06-09	7 856,00 $	46,38	Kan-Canyon	
293	2540591	24F06	2019-06-10	2027-06-09	7 943,00 $	46,38	Kan-Canyon	
294	2540592	24F06	2019-06-10	2027-06-09	5 460,00 $	46,38	Kan-Canyon	
295	2540593	24F06	2019-06-10	2027-06-09	- $	46,38	Kan-Canyon	
296	2540620	24F06	2019-06-10	2027-06-09	- $	46,37	Kan-Canyon	

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
297	2540621	24F06	2019-06-10	2027-06-09	2 102,00 $	46,37	Kan-Canyon	
298	2540622	24F06	2019-06-10	2027-06-09	758,00 $	46,37	Kan-Canyon	
299	2540623	24F06	2019-06-10	2027-06-09	1 430,00 $	46,37	Kan-Canyon	
300	2540594	24F06	2019-06-10	2027-06-09	- $	46,37	Kan-Canyon	
301	2540596	24F06	2019-06-10	2027-06-09	- $	46,37	Kan-Canyon	
302	2540597	24F06	2019-06-10	2027-06-09	- $	46,37	Kan-Canyon	
303	2540598	24F06	2019-06-10	2027-06-09	1 195,00 $	46,37	Kan-Canyon	
304	2540599	24F06	2019-06-10	2027-06-09	758,00 $	46,37	Kan-Canyon	
305	2540600	24F06	2019-06-10	2027-06-09	- $	46,37	Kan-Canyon	
306	2540602	24F06	2019-06-10	2027-06-09	- $	46,37	Kan-Canyon	
307	2540624	24F06	2019-06-10	2027-06-09	- $	46,36	Kan-Canyon	2%
308	2540625	24F06	2019-06-10	2027-06-09	- $	46,36	Kan-Canyon	
309	2540626	24F06	2019-06-10	2027-06-09	- $	46,36	Kan-Canyon	
310	2540627	24F06	2019-06-10	2027-06-09	2 773,00 $	46,36	Kan-Canyon	
311	2540628	24F06	2019-06-10	2027-06-09	- $	46,36	Kan-Canyon	
312	2540603	24F06	2019-06-10	2027-06-09	758,00 $	46,36	Kan-Canyon	
313	2540604	24F06	2019-06-10	2027-06-09	1 430,00 $	46,36	Kan-Canyon	
314	2540605	24F06	2019-06-10	2027-06-09	- $	46,36	Kan-Canyon	
315	2540606	24F06	2019-06-10	2027-06-09	203,00 $	46,36	Kan-Canyon	
316	2540607	24F06	2019-06-10	2027-06-09	87,00 $	46,36	Kan-Canyon	
317	2540608	24F06	2019-06-10	2027-06-09	87,00 $	46,36	Kan-Canyon	
318	2540609	24F06	2019-06-10	2027-06-09	58,00 $	46,36	Kan-Canyon	
319	2540610	24F06	2019-06-10	2027-06-09	- $	46,36	Kan-Canyon	
320	2540629	24F06	2019-06-10	2027-06-09	6 539,00 $	46,35	Kan-Canyon	2%
321	2540630	24F06	2019-06-10	2027-06-09	- $	46,35	Kan-Canyon	
322	2540631	24F06	2019-06-10	2027-06-09	- $	46,35	Kan-Canyon	
323	2540632	24F06	2019-06-10	2027-06-09	2 102,00 $	46,35	Kan-Canyon	
324	2540611	24F06	2019-06-10	2027-06-09	- $	46,35	Kan-Canyon	
325	2540612	24F06	2019-06-10	2027-06-09	- $	46,35	Kan-Canyon	
326	2540613	24F06	2019-06-10	2027-06-09	752,00 $	46,35	Kan-Canyon	
327	2540614	24F06	2019-06-10	2027-06-09	87,00 $	46,35	Kan-Canyon	
328	2540615	24F06	2019-06-10	2027-06-09	- $	46,35	Kan-Canyon	
329	2540616	24F06	2019-06-10	2027-06-09	- $	46,35	Kan-Canyon	
330	2540617	24F06	2019-06-10	2027-06-09	- $	46,35	Kan-Canyon	
331	2540618	24F06	2019-06-10	2027-06-09	- $	46,35	Kan-Canyon	
332	2540579	24F06	2019-06-10	2027-06-09	- $	46,4	Kan-Canyon	
333	2540619	24F06	2019-06-10	2027-06-09	- $	46,37	Kan-Canyon	2%
334	2540595	24F06	2019-06-10	2027-06-09	- $	46,37	Kan-Canyon	
335	2540601	24F06	2019-06-10	2027-06-09	- $	46,37	Kan-Canyon	
336	2161537	24F11	2008-06-17	2027-06-16	- $	46,31	Kan-Canyon	2%
337	2161538	24F11	2008-06-17	2027-06-16	- $	46,31	Kan-Canyon	2%
338	2161544	24F11	2008-06-17	2027-06-16	675,99 $	46,3	Kan-Canyon	2%
339	2161545	24F11	2008-06-17	2027-06-16	3 470,00 $	46,3	Kan-Canyon	2%
340	2161546	24F11	2008-06-17	2027-06-16	- $	46,3	Kan-Canyon	2%
341	2161547	24F11	2008-06-17	2027-06-16	- $	46,3	Kan-Canyon	2%
342	2161523	24F11	2008-06-17	2027-06-16	- $	46,33	Kan-Canyon	2%
343	2161524	24F11	2008-06-17	2027-06-16	- $	46,33	Kan-Canyon	2%
344	2161530	24F11	2008-06-17	2027-06-16	- $	46,32	Kan-Canyon	2%
345	2161531	24F11	2008-06-17	2027-06-16	- $	46,32	Kan-Canyon	2%
346	2161525	24F11	2008-06-17	2027-06-16	- $	46,33	Kan-Canyon	2%
347	2161526	24F11	2008-06-17	2027-06-16	- $	46,33	Kan-Canyon	2%

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
348	2161527	24F11	2008-06-17	2027-06-16	- $	46,33	Kan-Canyon	2%
349	2161528	24F11	2008-06-17	2027-06-16	- $	46,33	Kan-Canyon	2%
350	2161532	24F11	2008-06-17	2027-06-16	- $	46,32	Kan-Canyon	2%
351	2161533	24F11	2008-06-17	2027-06-16	- $	46,32	Kan-Canyon	2%
352	2161534	24F11	2008-06-17	2027-06-16	- $	46,32	Kan-Canyon	2%
353	2161535	24F11	2008-06-17	2027-06-16	- $	46,32	Kan-Canyon	2%
354	2161539	24F11	2008-06-17	2027-06-16	- $	46,31	Kan-Canyon	2%
355	2161540	24F11	2008-06-17	2027-06-16	- $	46,31	Kan-Canyon	2%
356	2161541	24F11	2008-06-17	2027-06-16	- $	46,31	Kan-Canyon	2%
357	2161542	24F11	2008-06-17	2027-06-16	- $	46,31	Kan-Canyon	2%
358	2161548	24F11	2008-06-17	2027-06-16	- $	46,3	Kan-Canyon	2%
359	2162661	24F06	2008-06-25	2027-06-24	39 071,95 $	46,36	Kan-Canyon	2%
360	2162662	24F06	2008-06-25	2027-06-24	- $	46,36	Kan-Canyon	2%
361	2162660	24F06	2008-06-25	2027-06-24	- $	46,36	Kan-Canyon	2%
362	2162663	24F06	2008-06-25	2027-06-24	- $	46,35	Kan-Canyon	2%
363	2162667	24F06	2008-06-25	2027-06-24	- $	46,34	Kan-Canyon	2%
364	2162664	24F06	2008-06-25	2027-06-24	- $	46,35	Kan-Canyon	2%
365	2162665	24F06	2008-06-25	2027-06-24	- $	46,35	Kan-Canyon	2%
366	2162666	24F06	2008-06-25	2027-06-24	6 539,00 $	46,35	Kan-Canyon	2%
367	2162669	24F06	2008-06-25	2027-06-24	- $	46,34	Kan-Canyon	2%
368	2162670	24F06	2008-06-25	2027-06-24	- $	46,34	Kan-Canyon	2%
369	2162672	24F06	2008-06-25	2027-06-24	- $	46,34	Kan-Canyon	2%
370	2162673	24F06	2008-06-25	2027-06-24	6 539,00 $	46,34	Kan-Canyon	2%
371	2162668	24F06	2008-06-25	2027-06-24	- $	46,34	Kan-Canyon	2%
372	2162671	24F06	2008-06-25	2027-06-24	- $	46,34	Kan-Canyon	2%
373	2835054	24F06	2024-08-14	2027-08-13	- $	46,41	Kan-Canyon	
374	2457551	24F06	2016-08-15	2027-08-14	645,75 $	46,53	Didgeridoo-NAK	
375	2457553	24F06	2016-08-15	2027-08-14	- $	46,52	Didgeridoo-NAK	
376	2457552	24F06	2016-08-15	2027-08-14	5 899,00 $	46,52	Didgeridoo-NAK	
377	2457554	24F06	2016-08-15	2027-08-14	- $	46,5	Didgeridoo-NAK	
378	2457555	24F06	2016-08-15	2027-08-14	- $	46,5	Didgeridoo-NAK	
379	2457556	24F06	2016-08-15	2027-08-14	- $	46,49	Didgeridoo-NAK	
380	2457557	24F06	2016-08-15	2027-08-14	- $	46,49	Didgeridoo-NAK	
381	2457558	24F06	2016-08-15	2027-08-14	- $	46,48	Didgeridoo-NAK	
382	2836900	24F06	2024-10-03	2027-10-02	- $	46,41	Kan-Canyon	
383	2836901	24F06	2024-10-03	2027-10-02	- $	46,41	Kan-Canyon	
384	2836902	24F06	2024-10-03	2027-10-02	- $	46,41	Kan-Canyon	
385	2836903	24F06	2024-10-03	2027-10-02	- $	46,4	Kan-Canyon	
386	2836904	24F06	2024-10-03	2027-10-02	- $	46,4	Kan-Canyon	
387	2836905	24F06	2024-10-03	2027-10-02	- $	46,39	Kan-Canyon	
388	2414855	24K04	2014-10-21	2027-10-20	- $	45,7	Koksoak	
389	2414856	24K04	2014-10-21	2027-10-20	- $	45,69	Koksoak	
390	2414857	24K04	2014-10-21	2027-10-20	- $	45,67	Koksoak	
391	2414858	24K04	2014-10-21	2027-10-20	- $	45,67	Koksoak	
392	2414859	24K04	2014-10-21	2027-10-20	- $	45,67	Koksoak	
393	2414860	24K04	2014-10-21	2027-10-20	- $	45,65	Koksoak	
394	2414828	24F13	2014-10-21	2027-10-20	105 720,65 $	45,75	Koksoak	
395	2414829	24F13	2014-10-21	2027-10-20	- $	45,75	Koksoak	
396	2414830	24F13	2014-10-21	2027-10-20	- $	45,75	Koksoak	
397	2414831	24F13	2014-10-21	2027-10-20	- $	45,75	Koksoak	
398	2414832	24F13	2014-10-21	2027-10-20	- $	45,75	Koksoak	

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
399	2414833	24F13	2014-10-21	2027-10-20	1 442,00 $	45,74	Koksoak	
400	2414834	24F13	2014-10-21	2027-10-20	2 039,65 $	45,74	Koksoak	
401	2414835	24F13	2014-10-21	2027-10-20	- $	45,74	Koksoak	
402	2414836	24F13	2014-10-21	2027-10-20	- $	45,74	Koksoak	
403	2414837	24F13	2014-10-21	2027-10-20	- $	45,74	Koksoak	
404	2414838	24F13	2014-10-21	2027-10-20	- $	45,74	Koksoak	
405	2414839	24F13	2014-10-21	2027-10-20	- $	45,73	Koksoak	
406	2414840	24F13	2014-10-21	2027-10-20	- $	45,73	Koksoak	
407	2414841	24F13	2014-10-21	2027-10-20	- $	45,73	Koksoak	
408	2414842	24F13	2014-10-21	2027-10-20	- $	45,73	Koksoak	
409	2414843	24F13	2014-10-21	2027-10-20	4 764,65 $	45,73	Koksoak	
410	2414844	24F13	2014-10-21	2027-10-20	255 946,65 $	45,73	Koksoak	
411	2414845	24F13	2014-10-21	2027-10-20	- $	45,73	Koksoak	
412	2414846	24F13	2014-10-21	2027-10-20	- $	45,72	Koksoak	
413	2414847	24F13	2014-10-21	2027-10-20	- $	45,72	Koksoak	
414	2414848	24F13	2014-10-21	2027-10-20	204 905,80 $	45,72	Koksoak	
415	2414849	24F13	2014-10-21	2027-10-20	108 379,65 $	45,72	Koksoak	
416	2414850	24F13	2014-10-21	2027-10-20	- $	45,71	Koksoak	
417	2414851	24F13	2014-10-21	2027-10-20	- $	45,71	Koksoak	
418	2414852	24F13	2014-10-21	2027-10-20	- $	45,71	Koksoak	
419	2414853	24F14	2014-10-21	2027-10-20	- $	45,75	Koksoak	
420	2414854	24F14	2014-10-21	2027-10-20	- $	45,74	Koksoak	
421	2415012	24F13	2014-10-23	2027-10-22	3 402,65 $	45,77	Koksoak	
422	2415013	24F13	2014-10-23	2027-10-22	- $	45,76	Koksoak	
423	2415014	24F13	2014-10-23	2027-10-22	- $	45,76	Koksoak	
424	2415015	24F14	2014-10-23	2027-10-22	- $	45,77	Koksoak	
425	2415016	24F14	2014-10-23	2027-10-22	- $	45,77	Koksoak	
426	2415017	24F14	2014-10-23	2027-10-22	70 046,35 $	45,77	Koksoak	
427	2415018	24F14	2014-10-23	2027-10-22	67 788,65 $	45,76	Koksoak	
428	2415019	24F14	2014-10-23	2027-10-22	37 552,65 $	45,76	Koksoak	
429	2683874	24F06	2022-10-26	2027-10-25	- $	46,41	Kan-Canyon	2%
430	2684603	24F06	2022-10-27	2027-10-26	- $	46,44	Kan-Canyon	2%
431	2684604	24F06	2022-10-27	2027-10-26	- $	46,43	Kan-Canyon	2%
432	2684206	24F06	2022-10-27	2027-10-26	- $	46,47	Kan-Canyon	2%
433	2684207	24F06	2022-10-27	2027-10-26	- $	46,47	Kan-Canyon	2%
434	2684208	24F06	2022-10-27	2027-10-26	- $	46,47	Kan-Canyon	2%
435	2684209	24F06	2022-10-27	2027-10-26	- $	46,47	Kan-Canyon	2%
436	2684210	24F06	2022-10-27	2027-10-26	- $	46,47	Kan-Canyon	2%
437	2684211	24F06	2022-10-27	2027-10-26	- $	46,47	Kan-Canyon	2%
438	2684600	24F06	2022-10-27	2027-10-26	- $	46,47	Kan-Canyon	2%
439	2684212	24F06	2022-10-27	2027-10-26	- $	46,46	Kan-Canyon	2%
440	2684213	24F06	2022-10-27	2027-10-26	- $	46,46	Kan-Canyon	2%
441	2684214	24F06	2022-10-27	2027-10-26	- $	46,46	Kan-Canyon	2%
442	2684215	24F06	2022-10-27	2027-10-26	- $	46,46	Kan-Canyon	2%
443	2684216	24F06	2022-10-27	2027-10-26	- $	46,46	Kan-Canyon	2%
444	2684217	24F06	2022-10-27	2027-10-26	- $	46,46	Kan-Canyon	2%
445	2684601	24F06	2022-10-27	2027-10-26	- $	46,46	Kan-Canyon	2%
446	2684602	24F06	2022-10-27	2027-10-26	- $	46,45	Kan-Canyon	2%
447	2684795	24F06	2022-10-28	2027-10-27	- $	46,47	Kan-Canyon	2%
448	2684796	24F06	2022-10-28	2027-10-27	- $	46,46	Kan-Canyon	2%
449	2469365	24F14	2016-11-15	2027-11-14	- $	45,94	Stars	

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
450	2469353	24F14	2016-11-15	2027-11-14	- $	45,98	Stars	
451	2469354	24F14	2016-11-15	2027-11-14	- $	45,98	Stars	
452	2469356	24F14	2016-11-15	2027-11-14	- $	45,97	Stars	
453	2469357	24F14	2016-11-15	2027-11-14	- $	45,97	Stars	
454	2469358	24F14	2016-11-15	2027-11-14	- $	45,96	Stars	
455	2469359	24F14	2016-11-15	2027-11-14	- $	45,96	Stars	
456	2469360	24F14	2016-11-15	2027-11-14	101 534,14 $	45,96	Stars	
457	2469361	24F14	2016-11-15	2027-11-14	- $	45,96	Stars	
458	2469362	24F14	2016-11-15	2027-11-14	4 188,15 $	45,95	Stars	
459	2469363	24F14	2016-11-15	2027-11-14	- $	45,95	Stars	
460	2469364	24F14	2016-11-15	2027-11-14	- $	45,95	Stars	
461	2469355	24F14	2016-11-15	2027-11-14	- $	45,97	Stars	
462	2476524	24F06	2017-01-31	2028-01-30	- $	46,57	Didgeridoo-NAK	
463	2476525	24F06	2017-01-31	2028-01-30	- $	46,57	Didgeridoo-NAK	
464	2476343	24F06	2017-01-31	2028-01-30	- $	46,57	Didgeridoo-NAK	
465	2476344	24F06	2017-01-31	2028-01-30	- $	46,57	Didgeridoo-NAK	
466	2476345	24F06	2017-01-31	2028-01-30	- $	46,57	Didgeridoo-NAK	
467	2476346	24F06	2017-01-31	2028-01-30	- $	46,57	Didgeridoo-NAK	
468	2476529	24F06	2017-01-31	2028-01-30	- $	46,56	Didgeridoo-NAK	
469	2476347	24F06	2017-01-31	2028-01-30	- $	46,56	Didgeridoo-NAK	
470	2476348	24F06	2017-01-31	2028-01-30	- $	46,56	Didgeridoo-NAK	
471	2476349	24F06	2017-01-31	2028-01-30	- $	46,56	Didgeridoo-NAK	
472	2476350	24F06	2017-01-31	2028-01-30	1 139,00 $	46,56	Didgeridoo-NAK	
473	2476530	24F06	2017-01-31	2028-01-30	1 085,25 $	46,55	Didgeridoo-NAK	
474	2476531	24F06	2017-01-31	2028-01-30	- $	46,55	Didgeridoo-NAK	
475	2476532	24F06	2017-01-31	2028-01-30	- $	46,55	Didgeridoo-NAK	
476	2476533	24F06	2017-01-31	2028-01-30	- $	46,55	Didgeridoo-NAK	
477	2476351	24F06	2017-01-31	2028-01-30	- $	46,55	Didgeridoo-NAK	
478	2476352	24F06	2017-01-31	2028-01-30	- $	46,55	Didgeridoo-NAK	
479	2476353	24F06	2017-01-31	2028-01-30	379,50 $	46,55	Didgeridoo-NAK	
480	2476536	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
481	2476537	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
482	2476538	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
483	2476539	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
484	2476540	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
485	2476542	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
486	2476543	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
487	2476544	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
488	2476355	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
489	2476356	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
490	2476358	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
491	2476101	24F06	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	
492	2476545	24F06	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	
493	2476546	24F06	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	
494	2476547	24F06	2017-01-31	2028-01-30	14 160,00 $	46,53	Didgeridoo-NAK	
495	2476548	24F06	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	
496	2476549	24F06	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	
497	2476550	24F06	2017-01-31	2028-01-30	21,00 $	46,53	Didgeridoo-NAK	
498	2476551	24F06	2017-01-31	2028-01-30	0,25 $	46,53	Didgeridoo-NAK	
499	2476552	24F06	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	
500	2476553	24F06	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
501	2476554	24F06	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	
502	2476359	24F06	2017-01-31	2028-01-30	1 689,75 $	46,53	Didgeridoo-NAK	
503	2476360	24F06	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	
504	2476361	24F06	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	
505	2476108	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
506	2476109	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
507	2476555	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
508	2476556	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
509	2476557	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
510	2476558	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
511	2476559	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
512	2476560	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
513	2476561	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
514	2476562	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
515	2476563	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
516	2476362	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
517	2476363	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
518	2476364	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
519	2476365	24F06	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
520	2476115	24F06	2017-01-31	2028-01-30	1 209,50 $	46,5	Didgeridoo-NAK	
521	2476116	24F06	2017-01-31	2028-01-30	1 319,50 $	46,5	Didgeridoo-NAK	
522	2476117	24F06	2017-01-31	2028-01-30	- $	46,5	Didgeridoo-NAK	
523	2476564	24F06	2017-01-31	2028-01-30	- $	46,5	Didgeridoo-NAK	
524	2476565	24F06	2017-01-31	2028-01-30	- $	46,5	Didgeridoo-NAK	
525	2476566	24F06	2017-01-31	2028-01-30	- $	46,5	Didgeridoo-NAK	
526	2476122	24F06	2017-01-31	2028-01-30	2 209,25 $	46,49	Didgeridoo-NAK	
527	2476123	24F06	2017-01-31	2028-01-30	- $	46,49	Didgeridoo-NAK	
528	2476124	24F06	2017-01-31	2028-01-30	- $	46,49	Didgeridoo-NAK	
529	2476125	24F06	2017-01-31	2028-01-30	- $	46,49	Didgeridoo-NAK	
530	2476126	24F06	2017-01-31	2028-01-30	- $	46,49	Didgeridoo-NAK	
531	2476572	24F06	2017-01-31	2028-01-30	6 539,00 $	46,49	Didgeridoo-NAK	
532	2476573	24F06	2017-01-31	2028-01-30	6 539,00 $	46,49	Didgeridoo-NAK	
533	2476574	24F06	2017-01-31	2028-01-30	- $	46,49	Didgeridoo-NAK	
534	2476575	24F06	2017-01-31	2028-01-30	- $	46,49	Didgeridoo-NAK	
535	2476378	24F07	2017-01-31	2028-01-30	1 187,25 $	46,57	Didgeridoo-NAK	
536	2476379	24F07	2017-01-31	2028-01-30	- $	46,57	Didgeridoo-NAK	
537	2476380	24F07	2017-01-31	2028-01-30	- $	46,57	Didgeridoo-NAK	
538	2476383	24F07	2017-01-31	2028-01-30	- $	46,56	Didgeridoo-NAK	
539	2476386	24F07	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
540	2476387	24F07	2017-01-31	2028-01-30	4 168,00 $	46,54	Didgeridoo-NAK	
541	2476388	24F07	2017-01-31	2028-01-30	2 489,00 $	46,54	Didgeridoo-NAK	
542	2476390	24F07	2017-01-31	2028-01-30	256,75 $	46,53	Didgeridoo-NAK	
543	2476391	24F07	2017-01-31	2028-01-30	- $	46,53	Didgeridoo-NAK	
544	2476394	24F07	2017-01-31	2028-01-30	- $	46,52	Didgeridoo-NAK	
545	2476895	24F11	2017-01-31	2028-01-30	- $	46,06	Ants	
546	2476896	24F11	2017-01-31	2028-01-30	- $	46,06	Ants	
547	2476897	24F11	2017-01-31	2028-01-30	- $	46,06	Ants	
548	2476898	24F11	2017-01-31	2028-01-30	- $	46,06	Ants	
549	2476899	24F11	2017-01-31	2028-01-30	- $	46,06	Ants	
550	2476900	24F11	2017-01-31	2028-01-30	- $	46,06	Ants	
551	2476901	24F11	2017-01-31	2028-01-30	- $	46,05	Ants	

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
552	2476902	24F11	2017-01-31	2028-01-30	- $	46,05	Ants	
553	2476903	24F11	2017-01-31	2028-01-30	- $	46,05	Ants	
554	2476904	24F11	2017-01-31	2028-01-30	- $	46,05	Ants	
555	2476905	24F11	2017-01-31	2028-01-30	- $	46,05	Ants	
556	2476908	24F11	2017-01-31	2028-01-30	- $	46,04	Ants	
557	2476909	24F11	2017-01-31	2028-01-30	- $	46,04	Ants	
558	2476910	24F11	2017-01-31	2028-01-30	- $	46,04	Ants	
559	2476911	24F11	2017-01-31	2028-01-30	- $	46,04	Ants	
560	2476915	24F11	2017-01-31	2028-01-30	- $	46,03	Ants	
561	2476466	24F11	2017-01-31	2028-01-30	- $	46,11	Ants	
562	2476471	24F11	2017-01-31	2028-01-30	- $	46,1	Ants	
563	2476472	24F11	2017-01-31	2028-01-30	- $	46,1	Ants	
564	2476473	24F11	2017-01-31	2028-01-30	- $	46,1	Ants	
565	2476873	24F11	2017-01-31	2028-01-30	8 399,50 $	46,09	Ants	
566	2476874	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
567	2476875	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
568	2476877	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
569	2476878	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
570	2476879	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
571	2476880	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
572	2476881	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
573	2476882	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
574	2476478	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
575	2476479	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
576	2476480	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
577	2476884	24F11	2017-01-31	2028-01-30	- $	46,08	Ants	
578	2476885	24F11	2017-01-31	2028-01-30	- $	46,08	Ants	
579	2476886	24F11	2017-01-31	2028-01-30	- $	46,08	Ants	
580	2476887	24F11	2017-01-31	2028-01-30	- $	46,08	Ants	
581	2476889	24F11	2017-01-31	2028-01-30	48 131,50 $	46,08	Ants	
582	2476890	24F11	2017-01-31	2028-01-30	- $	46,07	Ants	
583	2476891	24F11	2017-01-31	2028-01-30	- $	46,07	Ants	
584	2476892	24F11	2017-01-31	2028-01-30	- $	46,07	Ants	
585	2476893	24F11	2017-01-31	2028-01-30	- $	46,07	Ants	
586	2476484	24F11	2017-01-31	2028-01-30	- $	46,07	Ants	
587	2476485	24F11	2017-01-31	2028-01-30	- $	46,07	Ants	
588	2476486	24F11	2017-01-31	2028-01-30	- $	46,07	Ants	
589	2476249	24F12	2017-01-31	2028-01-30	- $	46,05	Ants	
590	2476250	24F12	2017-01-31	2028-01-30	- $	46,05	Ants	
591	2476255	24F12	2017-01-31	2028-01-30	- $	46,04	Ants	
592	2476283	24F13	2017-01-31	2028-01-30	- $	46	Ants	
593	2476284	24F13	2017-01-31	2028-01-30	- $	46	Ants	
594	2476285	24F13	2017-01-31	2028-01-30	- $	46	Ants	
595	2476297	24F13	2017-01-31	2028-01-30	- $	45,99	Ants	
596	2476298	24F13	2017-01-31	2028-01-30	- $	45,99	Ants	
597	2476306	24F14	2017-01-31	2028-01-30	- $	46	Ants	
598	2476307	24F14	2017-01-31	2028-01-30	- $	46	Ants	
599	2476318	24F14	2017-01-31	2028-01-30	- $	45,99	Ants	
600	2476541	24F06	2017-01-31	2028-01-30	1 139,00 $	46,54	Didgeridoo-NAK	
601	2476357	24F06	2017-01-31	2028-01-30	- $	46,54	Didgeridoo-NAK	
602	2476118	24F06	2017-01-31	2028-01-30	- $	46,5	Didgeridoo-NAK	

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
603	2476567	24F06	2017-01-31	2028-01-30	- $	46,5	Didgeridoo-NAK	
604	2476254	24F12	2017-01-31	2028-01-30	- $	46,04	Ants	
605	2476876	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
606	2476883	24F11	2017-01-31	2028-01-30	- $	46,09	Ants	
607	2476888	24F11	2017-01-31	2028-01-30	295 982,25 $	46,08	Ants	
608	2476894	24F11	2017-01-31	2028-01-30	- $	46,07	Ants	
609	2531859	24F06	2019-02-22	2028-02-21	- $	46,34	Kan-Canyon	
610	2531860	24F06	2019-02-22	2028-02-21	- $	46,34	Kan-Canyon	
611	2531861	24F06	2019-02-22	2028-02-21	- $	46,34	Kan-Canyon	
612	2531887	24F11	2019-02-22	2028-02-21	- $	46,06	Ants	
613	2531888	24F11	2019-02-22	2028-02-21	- $	46,06	Ants	
614	2531889	24F11	2019-02-22	2028-02-21	- $	46,06	Ants	
615	2531890	24F11	2019-02-22	2028-02-21	- $	46,06	Ants	
616	2531891	24F11	2019-02-22	2028-02-21	2 883,00 $	46,06	Ants	
617	2531892	24F11	2019-02-22	2028-02-21	- $	46,05	Ants	
618	2531893	24F11	2019-02-22	2028-02-21	- $	46,05	Ants	
619	2531894	24F11	2019-02-22	2028-02-21	- $	46,05	Ants	
620	2531895	24F11	2019-02-22	2028-02-21	1 203,50 $	46,05	Ants	
621	2531896	24F11	2019-02-22	2028-02-21	- $	46,04	Ants	
622	2531897	24F11	2019-02-22	2028-02-21	- $	46,04	Ants	
623	2531898	24F11	2019-02-22	2028-02-21	- $	46,04	Ants	
624	2531899	24F11	2019-02-22	2028-02-21	- $	46,04	Ants	
625	2531900	24F11	2019-02-22	2028-02-21	- $	46,03	Ants	
626	2531901	24F11	2019-02-22	2028-02-21	- $	46,03	Ants	
627	2531902	24F11	2019-02-22	2028-02-21	- $	46,03	Ants	
628	2531903	24F11	2019-02-22	2028-02-21	9,00 $	46,03	Ants	
629	2531904	24F11	2019-02-22	2028-02-21	19,00 $	46,02	Ants	
630	2531905	24F11	2019-02-22	2028-02-21	- $	46,02	Ants	
631	2531906	24F11	2019-02-22	2028-02-21	- $	46,02	Ants	
632	2531862	24F11	2019-02-22	2028-02-21	- $	46,33	Kan-Canyon	
633	2531863	24F11	2019-02-22	2028-02-21	- $	46,33	Kan-Canyon	
634	2531864	24F11	2019-02-22	2028-02-21	- $	46,33	Kan-Canyon	
635	2531865	24F11	2019-02-22	2028-02-21	- $	46,33	Kan-Canyon	
636	2531866	24F11	2019-02-22	2028-02-21	- $	46,33	Kan-Canyon	
637	2531869	24F11	2019-02-22	2028-02-21	- $	46,32	Kan-Canyon	
638	2531870	24F11	2019-02-22	2028-02-21	- $	46,32	Kan-Canyon	
639	2531871	24F11	2019-02-22	2028-02-21	- $	46,32	Kan-Canyon	
640	2531872	24F11	2019-02-22	2028-02-21	160,00 $	46,32	Kan-Canyon	
641	2531873	24F11	2019-02-22	2028-02-21	- $	46,32	Kan-Canyon	
642	2531876	24F11	2019-02-22	2028-02-21	189,00 $	46,31	Kan-Canyon	
643	2531877	24F11	2019-02-22	2028-02-21	365,00 $	46,31	Kan-Canyon	
644	2531913	24F12	2019-02-22	2028-02-21	- $	46,06	Ants	
645	2531917	24F12	2019-02-22	2028-02-21	- $	46,05	Ants	
646	2531918	24F12	2019-02-22	2028-02-21	- $	46,05	Ants	
647	2531921	24F12	2019-02-22	2028-02-21	- $	46,04	Ants	
648	2531922	24F12	2019-02-22	2028-02-21	- $	46,04	Ants	
649	2531923	24F12	2019-02-22	2028-02-21	- $	46,04	Ants	
650	2531925	24F12	2019-02-22	2028-02-21	- $	46,03	Ants	
651	2531926	24F12	2019-02-22	2028-02-21	- $	46,03	Ants	
652	2531927	24F12	2019-02-22	2028-02-21	- $	46,03	Ants	
653	2531929	24F12	2019-02-22	2028-02-21	- $	46,02	Ants	

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
654	2531930	24F12	2019-02-22	2028-02-21	- $	46,02	Ants	
655	2531931	24F12	2019-02-22	2028-02-21	- $	46,02	Ants	
656	2531932	24F13	2019-02-22	2028-02-21	- $	46,01	Ants	
657	2531933	24F13	2019-02-22	2028-02-21	- $	46,01	Ants	
658	2531934	24F13	2019-02-22	2028-02-21	- $	46,01	Ants	
659	2531935	24F14	2019-02-22	2028-02-21	28,00 $	46,01	Ants	
660	2531936	24F14	2019-02-22	2028-02-21	- $	46,01	Ants	
661	2531937	24F14	2019-02-22	2028-02-21	- $	46,01	Ants	
662	2531907	24F11	2019-02-22	2028-02-21	- $	46,02	Ants	
663	2557845	24F07	2020-03-05	2028-03-04	5 189,00 $	46,64	Oops	
664	2557846	24F07	2020-03-05	2028-03-04	5 189,00 $	46,64	Oops	
665	2557847	24F07	2020-03-05	2028-03-04	- $	46,64	Oops	
666	2557849	24F07	2020-03-05	2028-03-04	- $	46,63	Oops	
667	2557850	24F07	2020-03-05	2028-03-04	- $	46,63	Oops	
668	2557851	24F07	2020-03-05	2028-03-04	- $	46,63	Oops	
669	2276261	24F06	2011-03-10	2028-03-09	- $	46,4	Kan-Canyon	2%
670	2276262	24F06	2011-03-10	2028-03-09	- $	46,4	Kan-Canyon	2%
671	2605409	24F06	2021-04-07	2028-04-06	- $	46,4	Kan-Canyon	2%
672	2605410	24F06	2021-04-07	2028-04-06	- $	46,4	Kan-Canyon	2%
673	2605411	24F06	2021-04-07	2028-04-06	- $	46,4	Kan-Canyon	2%
674	2605412	24F06	2021-04-07	2028-04-06	- $	46,4	Kan-Canyon	2%
675	2605413	24F06	2021-04-07	2028-04-06	- $	46,4	Kan-Canyon	2%
676	2605417	24F06	2021-04-07	2028-04-06	- $	46,39	Kan-Canyon	2%
677	2605420	24F06	2021-04-07	2028-04-06	- $	46,38	Kan-Canyon	2%
678	2605408	24F06	2021-04-07	2028-04-06	- $	46,4	Kan-Canyon	2%
679	2605414	24F06	2021-04-07	2028-04-06	- $	46,39	Kan-Canyon	2%
680	2605415	24F06	2021-04-07	2028-04-06	- $	46,39	Kan-Canyon	2%
681	2605419	24F06	2021-04-07	2028-04-06	- $	46,38	Kan-Canyon	2%
682	2605421	24F06	2021-04-07	2028-04-06	- $	46,37	Kan-Canyon	2%
683	2605422	24F06	2021-04-07	2028-04-06	- $	46,37	Kan-Canyon	2%
684	2605423	24F06	2021-04-07	2028-04-06	- $	46,36	Kan-Canyon	2%
685	2605424	24F06	2021-04-07	2028-04-06	- $	46,36	Kan-Canyon	2%
686	2605426	24F06	2021-04-07	2028-04-06	- $	46,35	Kan-Canyon	2%
687	2605427	24F06	2021-04-07	2028-04-06	- $	46,34	Kan-Canyon	2%
688	2605428	24F11	2021-04-07	2028-04-06	- $	46,31	Kan-Canyon	2%
689	2605429	24F11	2021-04-07	2028-04-06	- $	46,3	Kan-Canyon	2%
690	2605430	24F11	2021-04-07	2028-04-06	- $	46,3	Kan-Canyon	2%
691	2605433	24F11	2021-04-07	2028-04-06	- $	46,28	Kan-Canyon	2%
692	2605434	24F11	2021-04-07	2028-04-06	- $	46,28	Kan-Canyon	2%
693	2605435	24F11	2021-04-07	2028-04-06	- $	46,28	Kan-Canyon	2%
694	2605436	24F11	2021-04-07	2028-04-06	- $	46,28	Kan-Canyon	2%
695	2605437	24F11	2021-04-07	2028-04-06	- $	46,28	Kan-Canyon	2%
696	2605438	24F11	2021-04-07	2028-04-06	- $	46,28	Kan-Canyon	2%
697	2605439	24F11	2021-04-07	2028-04-06	- $	46,28	Kan-Canyon	2%
698	2605443	24F11	2021-04-07	2028-04-06	- $	46,27	Kan-Canyon	2%
699	2605444	24F11	2021-04-07	2028-04-06	- $	46,27	Kan-Canyon	2%
700	2605445	24F11	2021-04-07	2028-04-06	- $	46,27	Kan-Canyon	2%
701	2605446	24F11	2021-04-07	2028-04-06	- $	46,27	Kan-Canyon	2%
702	2605447	24F11	2021-04-07	2028-04-06	- $	46,27	Kan-Canyon	2%
703	2605448	24F11	2021-04-07	2028-04-06	- $	46,27	Kan-Canyon	2%
704	2605452	24F11	2021-04-07	2028-04-06	- $	46,26	Kan-Canyon	2%

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	Secteur	NSR
705	2605453	24F11	2021-04-07	2028-04-06	- $	46,26	Kan-Canyon	2%
706	2605454	24F11	2021-04-07	2028-04-06	- $	46,26	Kan-Canyon	2%
707	2605455	24F11	2021-04-07	2028-04-06	- $	46,26	Kan-Canyon	2%
708	2605456	24F11	2021-04-07	2028-04-06	- $	46,26	Kan-Canyon	2%
709	2605457	24F11	2021-04-07	2028-04-06	- $	46,26	Kan-Canyon	2%
710	2605458	24F11	2021-04-07	2028-04-06	- $	46,26	Kan-Canyon	2%
711	2605459	24F11	2021-04-07	2028-04-06	- $	46,26	Kan-Canyon	2%
712	2605463	24F11	2021-04-07	2028-04-06	- $	46,25	Kan-Canyon	2%
713	2605464	24F11	2021-04-07	2028-04-06	- $	46,25	Kan-Canyon	2%
714	2605465	24F11	2021-04-07	2028-04-06	- $	46,25	Kan-Canyon	2%
715	2605466	24F11	2021-04-07	2028-04-06	- $	46,25	Kan-Canyon	2%
716	2605467	24F11	2021-04-07	2028-04-06	- $	46,25	Kan-Canyon	2%
717	2605469	24F11	2021-04-07	2028-04-06	- $	46,25	Kan-Canyon	2%
718	2605470	24F11	2021-04-07	2028-04-06	- $	46,24	Kan-Canyon	2%
719	2605471	24F11	2021-04-07	2028-04-06	- $	46,24	Kan-Canyon	2%
720	2605472	24F11	2021-04-07	2028-04-06	- $	46,24	Kan-Canyon	2%
721	2605473	24F11	2021-04-07	2028-04-06	- $	46,24	Kan-Canyon	2%
722	2605474	24F11	2021-04-07	2028-04-06	- $	46,24	Kan-Canyon	2%
723	2605475	24F11	2021-04-07	2028-04-06	- $	46,24	Kan-Canyon	2%
724	2605431	24F11	2021-04-07	2028-04-06	- $	46,3	Kan-Canyon	2%
725	2605432	24F11	2021-04-07	2028-04-06	- $	46,3	Kan-Canyon	2%
726	2605440	24F11	2021-04-07	2028-04-06	- $	46,28	Kan-Canyon	2%
727	2605441	24F11	2021-04-07	2028-04-06	- $	46,28	Kan-Canyon	2%
728	2605442	24F11	2021-04-07	2028-04-06	- $	46,28	Kan-Canyon	2%
729	2605449	24F11	2021-04-07	2028-04-06	- $	46,27	Kan-Canyon	2%
730	2605450	24F11	2021-04-07	2028-04-06	- $	46,27	Kan-Canyon	2%
731	2605451	24F11	2021-04-07	2028-04-06	- $	46,27	Kan-Canyon	2%
732	2605460	24F11	2021-04-07	2028-04-06	- $	46,26	Kan-Canyon	2%
733	2605461	24F11	2021-04-07	2028-04-06	- $	46,26	Kan-Canyon	2%
734	2605416	24F06	2021-04-07	2028-04-06	- $	46,39	Kan-Canyon	2%
735	2605418	24F06	2021-04-07	2028-04-06	- $	46,38	Kan-Canyon	2%
736	2605425	24F06	2021-04-07	2028-04-06	- $	46,35	Kan-Canyon	2%
737	2605462	24F11	2021-04-07	2028-04-06	- $	46,25	Kan-Canyon	2%
738	2605468	24F11	2021-04-07	2028-04-06	- $	46,25	Kan-Canyon	2%
739	2850598	24F06	2025-06-13	2028-06-12	- $	46,43	Kan-Canyon	2%
740	2850599	24F06	2025-06-13	2028-06-12	- $	46,42	Kan-Canyon	2%
741	2850600	24F06	2025-06-13	2028-06-12	- $	46,42	Kan-Canyon	2%
742	2862765	24F06	2025-11-13	2028-11-12	- $	46,55	Didgeridoo-NAK	
743	2862766	24F06	2025-11-13	2028-11-12	- $	46,53	Didgeridoo-NAK	
744	2862767	24F07	2025-11-13	2028-11-12	- $	46,55	Didgeridoo-NAK	
745	2862768	24F13	2025-11-13	2028-11-12	- $	45,79	Koksoak	
						34 312,24	Ha (343.12 Km²)	

APPENDIX II – EER list: By Block

Sector: ANTS

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
1	2476249	24F12	2017-01-31	2028-01-30	- $	46,05
2	2476250	24F12	2017-01-31	2028-01-30	- $	46,05
3	2476254	24F12	2017-01-31	2028-01-30	- $	46,04
4	2476255	24F12	2017-01-31	2028-01-30	- $	46,04
5	2476283	24F13	2017-01-31	2028-01-30	- $	46
6	2476284	24F13	2017-01-31	2028-01-30	- $	46
7	2476285	24F13	2017-01-31	2028-01-30	- $	46
8	2476297	24F13	2017-01-31	2028-01-30	- $	45,99
9	2476298	24F13	2017-01-31	2028-01-30	- $	45,99
10	2476306	24F14	2017-01-31	2028-01-30	- $	46
11	2476307	24F14	2017-01-31	2028-01-30	- $	46
12	2476318	24F14	2017-01-31	2028-01-30	- $	45,99
13	2476466	24F11	2017-01-31	2028-01-30	- $	46,11
14	2476471	24F11	2017-01-31	2028-01-30	- $	46,1
15	2476472	24F11	2017-01-31	2028-01-30	- $	46,1
16	2476473	24F11	2017-01-31	2028-01-30	- $	46,1
17	2476478	24F11	2017-01-31	2028-01-30	- $	46,09
18	2476479	24F11	2017-01-31	2028-01-30	- $	46,09
19	2476480	24F11	2017-01-31	2028-01-30	- $	46,09
20	2476484	24F11	2017-01-31	2028-01-30	- $	46,07
21	2476485	24F11	2017-01-31	2028-01-30	- $	46,07
22	2476486	24F11	2017-01-31	2028-01-30	- $	46,07
23	2476873	24F11	2017-01-31	2028-01-30	8 399,50 $	46,09
24	2476874	24F11	2017-01-31	2028-01-30	- $	46,09
25	2476875	24F11	2017-01-31	2028-01-30	- $	46,09
26	2476876	24F11	2017-01-31	2028-01-30	- $	46,09
27	2476877	24F11	2017-01-31	2028-01-30	- $	46,09
28	2476878	24F11	2017-01-31	2028-01-30	- $	46,09
29	2476879	24F11	2017-01-31	2028-01-30	- $	46,09
30	2476880	24F11	2017-01-31	2028-01-30	- $	46,09
31	2476881	24F11	2017-01-31	2028-01-30	- $	46,09
32	2476882	24F11	2017-01-31	2028-01-30	- $	46,09
33	2476883	24F11	2017-01-31	2028-01-30	- $	46,09
34	2476884	24F11	2017-01-31	2028-01-30	- $	46,08
35	2476885	24F11	2017-01-31	2028-01-30	- $	46,08
36	2476886	24F11	2017-01-31	2028-01-30	- $	46,08
37	2476887	24F11	2017-01-31	2028-01-30	- $	46,08
38	2476888	24F11	2017-01-31	2028-01-30	295 982,25 $	46,08
39	2476889	24F11	2017-01-31	2028-01-30	48 131,50 $	46,08
40	2476890	24F11	2017-01-31	2028-01-30	- $	46,07
41	2476891	24F11	2017-01-31	2028-01-30	- $	46,07
42	2476892	24F11	2017-01-31	2028-01-30	- $	46,07
43	2476893	24F11	2017-01-31	2028-01-30	- $	46,07
44	2476894	24F11	2017-01-31	2028-01-30	- $	46,07
45	2476895	24F11	2017-01-31	2028-01-30	- $	46,06
46	2476896	24F11	2017-01-31	2028-01-30	- $	46,06
47	2476897	24F11	2017-01-31	2028-01-30	- $	46,06
48	2476898	24F11	2017-01-31	2028-01-30	- $	46,06
49	2476899	24F11	2017-01-31	2028-01-30	- $	46,06

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
50	2476900	24F11	2017-01-31	2028-01-30	- $	46,06
51	2476901	24F11	2017-01-31	2028-01-30	- $	46,05
52	2476902	24F11	2017-01-31	2028-01-30	- $	46,05
53	2476903	24F11	2017-01-31	2028-01-30	- $	46,05
54	2476904	24F11	2017-01-31	2028-01-30	- $	46,05
55	2476905	24F11	2017-01-31	2028-01-30	- $	46,05
56	2476908	24F11	2017-01-31	2028-01-30	- $	46,04
57	2476909	24F11	2017-01-31	2028-01-30	- $	46,04
58	2476910	24F11	2017-01-31	2028-01-30	- $	46,04
59	2476911	24F11	2017-01-31	2028-01-30	- $	46,04
60	2476915	24F11	2017-01-31	2028-01-30	- $	46,03
61	2531887	24F11	2019-02-22	2028-02-21	- $	46,06
62	2531888	24F11	2019-02-22	2028-02-21	- $	46,06
63	2531889	24F11	2019-02-22	2028-02-21	- $	46,06
64	2531890	24F11	2019-02-22	2028-02-21	- $	46,06
65	2531891	24F11	2019-02-22	2028-02-21	2 883,00 $	46,06
66	2531892	24F11	2019-02-22	2028-02-21	- $	46,05
67	2531893	24F11	2019-02-22	2028-02-21	- $	46,05
68	2531894	24F11	2019-02-22	2028-02-21	- $	46,05
69	2531895	24F11	2019-02-22	2028-02-21	1 203,50 $	46,05
70	2531896	24F11	2019-02-22	2028-02-21	- $	46,04
71	2531897	24F11	2019-02-22	2028-02-21	- $	46,04
72	2531898	24F11	2019-02-22	2028-02-21	- $	46,04
73	2531899	24F11	2019-02-22	2028-02-21	- $	46,04
74	2531900	24F11	2019-02-22	2028-02-21	- $	46,03
75	2531901	24F11	2019-02-22	2028-02-21	- $	46,03
76	2531902	24F11	2019-02-22	2028-02-21	- $	46,03
77	2531903	24F11	2019-02-22	2028-02-21	9,00 $	46,03
78	2531904	24F11	2019-02-22	2028-02-21	19,00 $	46,02
79	2531905	24F11	2019-02-22	2028-02-21	- $	46,02
80	2531906	24F11	2019-02-22	2028-02-21	- $	46,02
81	2531907	24F11	2019-02-22	2028-02-21	- $	46,02
82	2531913	24F12	2019-02-22	2028-02-21	- $	46,06
83	2531917	24F12	2019-02-22	2028-02-21	- $	46,05
84	2531918	24F12	2019-02-22	2028-02-21	- $	46,05
85	2531921	24F12	2019-02-22	2028-02-21	- $	46,04
86	2531922	24F12	2019-02-22	2028-02-21	- $	46,04
87	2531923	24F12	2019-02-22	2028-02-21	- $	46,04
88	2531925	24F12	2019-02-22	2028-02-21	- $	46,03
89	2531926	24F12	2019-02-22	2028-02-21	- $	46,03
90	2531927	24F12	2019-02-22	2028-02-21	- $	46,03
91	2531929	24F12	2019-02-22	2028-02-21	- $	46,02
92	2531930	24F12	2019-02-22	2028-02-21	- $	46,02
93	2531931	24F12	2019-02-22	2028-02-21	- $	46,02
94	2531932	24F13	2019-02-22	2028-02-21	- $	46,01
95	2531933	24F13	2019-02-22	2028-02-21	- $	46,01
96	2531934	24F13	2019-02-22	2028-02-21	- $	46,01
97	2531935	24F14	2019-02-22	2028-02-21	28,00 $	46,01
98	2531936	24F14	2019-02-22	2028-02-21	- $	46,01
99	2531937	24F14	2019-02-22	2028-02-21	- $	46,01
						4559,01 Ha

Sector: DIDGERIDOO - NAK

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
1	2457551	24F06	2016-08-15	2027-08-14	645,75 $	46,53
2	2457552	24F06	2016-08-15	2027-08-14	5 899,00 $	46,52
3	2457553	24F06	2016-08-15	2027-08-14	- $	46,52
4	2457554	24F06	2016-08-15	2027-08-14	- $	46,5
5	2457555	24F06	2016-08-15	2027-08-14	- $	46,5
6	2457556	24F06	2016-08-15	2027-08-14	- $	46,49
7	2457557	24F06	2016-08-15	2027-08-14	- $	46,49
8	2457558	24F06	2016-08-15	2027-08-14	- $	46,48
9	2476101	24F06	2017-01-31	2028-01-30	- $	46,53
10	2476108	24F06	2017-01-31	2028-01-30	- $	46,52
11	2476109	24F06	2017-01-31	2028-01-30	- $	46,52
12	2476115	24F06	2017-01-31	2028-01-30	1 209,50 $	46,5
13	2476116	24F06	2017-01-31	2028-01-30	1 319,50 $	46,5
14	2476117	24F06	2017-01-31	2028-01-30	- $	46,5
15	2476118	24F06	2017-01-31	2028-01-30	- $	46,5
16	2476122	24F06	2017-01-31	2028-01-30	2 209,25 $	46,49
17	2476123	24F06	2017-01-31	2028-01-30	- $	46,49
18	2476124	24F06	2017-01-31	2028-01-30	- $	46,49
19	2476125	24F06	2017-01-31	2028-01-30	- $	46,49
20	2476126	24F06	2017-01-31	2028-01-30	- $	46,49
21	2476343	24F06	2017-01-31	2028-01-30	- $	46,57
22	2476344	24F06	2017-01-31	2028-01-30	- $	46,57
23	2476345	24F06	2017-01-31	2028-01-30	- $	46,57
24	2476346	24F06	2017-01-31	2028-01-30	- $	46,57
25	2476347	24F06	2017-01-31	2028-01-30	- $	46,56
26	2476348	24F06	2017-01-31	2028-01-30	- $	46,56
27	2476349	24F06	2017-01-31	2028-01-30	- $	46,56
28	2476350	24F06	2017-01-31	2028-01-30	1 139,00 $	46,56
29	2476351	24F06	2017-01-31	2028-01-30	- $	46,55
30	2476352	24F06	2017-01-31	2028-01-30	- $	46,55
31	2476353	24F06	2017-01-31	2028-01-30	379,50 $	46,55
32	2476355	24F06	2017-01-31	2028-01-30	- $	46,54
33	2476356	24F06	2017-01-31	2028-01-30	- $	46,54
34	2476357	24F06	2017-01-31	2028-01-30	- $	46,54
35	2476358	24F06	2017-01-31	2028-01-30	- $	46,54
36	2476359	24F06	2017-01-31	2028-01-30	1 689,75 $	46,53
37	2476360	24F06	2017-01-31	2028-01-30	- $	46,53
38	2476361	24F06	2017-01-31	2028-01-30	- $	46,53
39	2476362	24F06	2017-01-31	2028-01-30	- $	46,52
40	2476363	24F06	2017-01-31	2028-01-30	- $	46,52
41	2476364	24F06	2017-01-31	2028-01-30	- $	46,52
42	2476365	24F06	2017-01-31	2028-01-30	- $	46,52
43	2476378	24F07	2017-01-31	2028-01-30	1 187,25 $	46,57
44	2476379	24F07	2017-01-31	2028-01-30	- $	46,57
45	2476380	24F07	2017-01-31	2028-01-30	- $	46,57
46	2476383	24F07	2017-01-31	2028-01-30	- $	46,56
47	2476386	24F07	2017-01-31	2028-01-30	- $	46,54
48	2476387	24F07	2017-01-31	2028-01-30	4 168,00 $	46,54
49	2476388	24F07	2017-01-31	2028-01-30	2 489,00 $	46,54
50	2476390	24F07	2017-01-31	2028-01-30	256,75 $	46,53
51	2476391	24F07	2017-01-31	2028-01-30	- $	46,53
52	2476394	24F07	2017-01-31	2028-01-30	- $	46,52

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
53	2476524	24F06	2017-01-31	2028-01-30	- $	46,57
54	2476525	24F06	2017-01-31	2028-01-30	- $	46,57
55	2476529	24F06	2017-01-31	2028-01-30	- $	46,56
56	2476530	24F06	2017-01-31	2028-01-30	1 085,25 $	46,55
57	2476531	24F06	2017-01-31	2028-01-30	- $	46,55
58	2476532	24F06	2017-01-31	2028-01-30	- $	46,55
59	2476533	24F06	2017-01-31	2028-01-30	- $	46,55
60	2476536	24F06	2017-01-31	2028-01-30	- $	46,54
61	2476537	24F06	2017-01-31	2028-01-30	- $	46,54
62	2476538	24F06	2017-01-31	2028-01-30	- $	46,54
63	2476539	24F06	2017-01-31	2028-01-30	- $	46,54
64	2476540	24F06	2017-01-31	2028-01-30	- $	46,54
65	2476541	24F06	2017-01-31	2028-01-30	1 139,00 $	46,54
66	2476542	24F06	2017-01-31	2028-01-30	- $	46,54
67	2476543	24F06	2017-01-31	2028-01-30	- $	46,54
68	2476544	24F06	2017-01-31	2028-01-30	- $	46,54
69	2476545	24F06	2017-01-31	2028-01-30	- $	46,53
70	2476546	24F06	2017-01-31	2028-01-30	- $	46,53
71	2476547	24F06	2017-01-31	2028-01-30	14 160,00 $	46,53
72	2476548	24F06	2017-01-31	2028-01-30	- $	46,53
73	2476549	24F06	2017-01-31	2028-01-30	- $	46,53
74	2476550	24F06	2017-01-31	2028-01-30	21,00 $	46,53
75	2476551	24F06	2017-01-31	2028-01-30	0,25 $	46,53
76	2476552	24F06	2017-01-31	2028-01-30	- $	46,53
77	2476553	24F06	2017-01-31	2028-01-30	- $	46,53
78	2476554	24F06	2017-01-31	2028-01-30	- $	46,53
79	2476555	24F06	2017-01-31	2028-01-30	- $	46,52
80	2476556	24F06	2017-01-31	2028-01-30	- $	46,52
81	2476557	24F06	2017-01-31	2028-01-30	- $	46,52
82	2476558	24F06	2017-01-31	2028-01-30	- $	46,52
83	2476559	24F06	2017-01-31	2028-01-30	- $	46,52
84	2476560	24F06	2017-01-31	2028-01-30	- $	46,52
85	2476561	24F06	2017-01-31	2028-01-30	- $	46,52
86	2476562	24F06	2017-01-31	2028-01-30	- $	46,52
87	2476563	24F06	2017-01-31	2028-01-30	- $	46,52
88	2476564	24F06	2017-01-31	2028-01-30	- $	46,5
89	2476565	24F06	2017-01-31	2028-01-30	- $	46,5
90	2476566	24F06	2017-01-31	2028-01-30	- $	46,5
91	2476567	24F06	2017-01-31	2028-01-30	- $	46,5
92	2476572	24F06	2017-01-31	2028-01-30	6 539,00 $	46,49
93	2476573	24F06	2017-01-31	2028-01-30	6 539,00 $	46,49
94	2476574	24F06	2017-01-31	2028-01-30	- $	46,49
95	2476575	24F06	2017-01-31	2028-01-30	- $	46,49
96	2862765	24F06	2025-11-13	2028-11-12	- $	46,55
97	2862766	24F06	2025-11-13	2028-11-12	- $	46,53
98	2862767	24F07	2025-11-13	2028-11-12	- $	46,55
						4 559,85 Ha

Sector: KAN - CANYON

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	NSR
1	88975	24F11	2005-08-12	2026-08-11	503 375,95 $	46,32	2%
2	88976	24F11	2005-08-12	2026-08-11	123 861,86 $	46,31	2%
3	93257	24F11	2005-09-08	2026-09-07	4 435,55 $	46,32	2%
4	93258	24F11	2005-09-08	2026-09-07	- $	46,31	2%
5	2088325	24F11	2007-06-01	2026-05-31	81 562,54 $	46,33	2%
6	2088326	24F11	2007-06-01	2026-05-31	150 127,16 $	46,33	2%
7	2099187	24F06	2007-07-04	2026-07-03	- $	46,39	2%
8	2099189	24F06	2007-07-04	2026-07-03	- $	46,39	2%
9	2099191	24F06	2007-07-04	2026-07-03	1 825,03 $	46,39	2%
10	2099193	24F06	2007-07-04	2026-07-03	15 482,70 $	46,38	2%
11	2099195	24F06	2007-07-04	2026-07-03	263 989,37 $	46,38	2%
12	2099196	24F06	2007-07-04	2026-07-03	1 562 509,31 $	46,38	2%
13	2099198	24F06	2007-07-04	2026-07-03	837 741,42 $	46,38	2%
14	2099200	24F06	2007-07-04	2026-07-03	23 813,75 $	46,38	2%
15	2099202	24F06	2007-07-04	2026-07-03	- $	46,38	2%
16	2099204	24F06	2007-07-04	2026-07-03	685,76 $	46,38	2%
17	2099206	24F06	2007-07-04	2026-07-03	55 349,91 $	46,38	2%
18	2099208	24F06	2007-07-04	2026-07-03	16 482,63 $	46,37	2%
19	2099210	24F06	2007-07-04	2026-07-03	64 787,03 $	46,37	2%
20	2099212	24F06	2007-07-04	2026-07-03	1 424,27 $	46,37	2%
21	2099214	24F06	2007-07-04	2026-07-03	126 234,42 $	46,37	2%
22	2099216	24F06	2007-07-04	2026-07-03	2 974,94 $	46,37	2%
23	2099218	24F06	2007-07-04	2026-07-03	309 153,07 $	46,39	2%
24	2099220	24F06	2007-07-04	2026-07-03	1 129 649,84 $	46,39	2%
25	2099222	24F06	2007-07-04	2026-07-03	294 138,71 $	46,39	2%
26	2099224	24F06	2007-07-04	2026-07-03	799,32 $	46,39	2%
27	2161523	24F11	2008-06-17	2027-06-16	- $	46,33	2%
28	2161524	24F11	2008-06-17	2027-06-16	- $	46,33	2%
29	2161525	24F11	2008-06-17	2027-06-16	- $	46,33	2%
30	2161526	24F11	2008-06-17	2027-06-16	- $	46,33	2%
31	2161527	24F11	2008-06-17	2027-06-16	- $	46,33	2%
32	2161528	24F11	2008-06-17	2027-06-16	- $	46,33	2%
33	2161530	24F11	2008-06-17	2027-06-16	- $	46,32	2%
34	2161531	24F11	2008-06-17	2027-06-16	- $	46,32	2%
35	2161532	24F11	2008-06-17	2027-06-16	- $	46,32	2%
36	2161533	24F11	2008-06-17	2027-06-16	- $	46,32	2%
37	2161534	24F11	2008-06-17	2027-06-16	- $	46,32	2%
38	2161535	24F11	2008-06-17	2027-06-16	- $	46,32	2%
39	2161537	24F11	2008-06-17	2027-06-16	- $	46,31	2%
40	2161538	24F11	2008-06-17	2027-06-16	- $	46,31	2%
41	2161539	24F11	2008-06-17	2027-06-16	- $	46,31	2%
42	2161540	24F11	2008-06-17	2027-06-16	- $	46,31	2%
43	2161541	24F11	2008-06-17	2027-06-16	- $	46,31	2%
44	2161542	24F11	2008-06-17	2027-06-16	- $	46,31	2%
45	2161544	24F11	2008-06-17	2027-06-16	675,99 $	46,3	2%
46	2161545	24F11	2008-06-17	2027-06-16	3 470,00 $	46,3	2%
47	2161546	24F11	2008-06-17	2027-06-16	- $	46,3	2%
48	2161547	24F11	2008-06-17	2027-06-16	- $	46,3	2%
49	2161548	24F11	2008-06-17	2027-06-16	- $	46,3	2%
50	2162660	24F06	2008-06-25	2027-06-24	- $	46,36	2%
51	2162661	24F06	2008-06-25	2027-06-24	39 071,95 $	46,36	2%
52	2162662	24F06	2008-06-25	2027-06-24	- $	46,36	2%

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	NSR
53	2162663	24F06	2008-06-25	2027-06-24	- $	46,35	2%
54	2162664	24F06	2008-06-25	2027-06-24	- $	46,35	2%
55	2162665	24F06	2008-06-25	2027-06-24	- $	46,35	2%
56	2162666	24F06	2008-06-25	2027-06-24	6 539,00 $	46,35	2%
57	2162667	24F06	2008-06-25	2027-06-24	- $	46,34	2%
58	2162668	24F06	2008-06-25	2027-06-24	- $	46,34	2%
59	2162669	24F06	2008-06-25	2027-06-24	- $	46,34	2%
60	2162670	24F06	2008-06-25	2027-06-24	- $	46,34	2%
61	2162671	24F06	2008-06-25	2027-06-24	- $	46,34	2%
62	2162672	24F06	2008-06-25	2027-06-24	- $	46,34	2%
63	2162673	24F06	2008-06-25	2027-06-24	6 539,00 $	46,34	2%
64	2194269	24F06	2009-11-11	2026-11-10	- $	46,36	2%
65	2194270	24F06	2009-11-11	2026-11-10	43 631,51 $	46,36	2%
66	2194271	24F06	2009-11-11	2026-11-10	- $	46,35	2%
67	2194272	24F06	2009-11-11	2026-11-10	- $	46,35	2%
68	2194273	24F06	2009-11-11	2026-11-10	- $	46,34	2%
69	2276261	24F06	2011-03-10	2028-03-09	- $	46,4	2%
70	2276262	24F06	2011-03-10	2028-03-09	- $	46,4	2%
71	2311103	24F11	2011-08-30	2026-08-29	- $	46,24	2%
72	2311107	24F11	2011-08-30	2026-08-29	- $	46,23	2%
73	2311108	24F11	2011-08-30	2026-08-29	- $	46,23	2%
74	2311109	24F11	2011-08-30	2026-08-29	- $	46,23	2%
75	2311110	24F11	2011-08-30	2026-08-29	- $	46,23	2%
76	2311895	24F11	2011-09-12	2026-09-11	- $	46,28	2%
77	2311896	24F11	2011-09-12	2026-09-11	- $	46,28	2%
78	2311897	24F11	2011-09-12	2026-09-11	- $	46,27	2%
79	2311898	24F11	2011-09-12	2026-09-11	- $	46,27	2%
80	2311899	24F11	2011-09-12	2026-09-11	- $	46,26	2%
81	2311900	24F11	2011-09-12	2026-09-11	- $	46,26	2%
82	2311901	24F11	2011-09-12	2026-09-11	- $	46,25	2%
83	2311902	24F11	2011-09-12	2026-09-11	- $	46,25	2%
84	2311903	24F11	2011-09-12	2026-09-11	- $	46,25	2%
85	2311904	24F11	2011-09-12	2026-09-11	119 180,70 $	46,24	2%
86	2311905	24F11	2011-09-12	2026-09-11	- $	46,24	2%
87	2313520	24F11	2011-09-26	2026-09-25	- $	46,27	2%
88	2313521	24F11	2011-09-26	2026-09-25	- $	46,27	2%
89	2313522	24F11	2011-09-26	2026-09-25	- $	46,26	2%
90	2313523	24F11	2011-09-26	2026-09-25	- $	46,26	2%
91	2313524	24F11	2011-09-26	2026-09-25	136 471,07 $	46,25	2%
92	2313525	24F11	2011-09-26	2026-09-25	- $	46,25	2%
93	2313657	24F06	2011-09-27	2026-09-26	- $	46,45	2%
94	2313658	24F06	2011-09-27	2026-09-26	2 500,00 $	46,45	2%
95	2313659	24F06	2011-09-27	2026-09-26	400,00 $	46,45	2%
96	2313660	24F06	2011-09-27	2026-09-26	- $	46,45	2%
97	2313661	24F06	2011-09-27	2026-09-26	- $	46,45	2%
98	2313662	24F06	2011-09-27	2026-09-26	- $	46,45	2%
99	2313663	24F06	2011-09-27	2026-09-26	- $	46,44	2%
100	2313664	24F06	2011-09-27	2026-09-26	20 649,00 $	46,44	2%
101	2313665	24F06	2011-09-27	2026-09-26	- $	46,44	2%
102	2313666	24F06	2011-09-27	2026-09-26	- $	46,44	2%
103	2313667	24F06	2011-09-27	2026-09-26	- $	46,44	2%
104	2313668	24F06	2011-09-27	2026-09-26	- $	46,44	2%
105	2313669	24F06	2011-09-27	2026-09-26	- $	46,43	2%
106	2313670	24F06	2011-09-27	2026-09-26	- $	46,43	2%

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	NSR
107	2313671	24F06	2011-09-27	2026-09-26	- $	46,43	2%
108	2313672	24F06	2011-09-27	2026-09-26	- $	46,43	2%
109	2313673	24F06	2011-09-27	2026-09-26	- $	46,43	2%
110	2313674	24F06	2011-09-27	2026-09-26	- $	46,43	2%
111	2313675	24F06	2011-09-27	2026-09-26	- $	46,42	2%
112	2313676	24F06	2011-09-27	2026-09-26	- $	46,42	2%
113	2313677	24F06	2011-09-27	2026-09-26	- $	46,42	2%
114	2313678	24F06	2011-09-27	2026-09-26	- $	46,42	2%
115	2313679	24F06	2011-09-27	2026-09-26	- $	46,42	2%
116	2313680	24F06	2011-09-27	2026-09-26	- $	46,42	2%
117	2313681	24F06	2011-09-27	2026-09-26	- $	46,41	2%
118	2313682	24F06	2011-09-27	2026-09-26	- $	46,41	2%
119	2313683	24F06	2011-09-27	2026-09-26	- $	46,41	2%
120	2313875	24F06	2011-09-28	2026-09-27	- $	46,45	2%
121	2313876	24F06	2011-09-28	2026-09-27	- $	46,44	2%
122	2313877	24F06	2011-09-28	2026-09-27	- $	46,43	2%
123	2318423	24F06	2011-10-18	2026-10-17	- $	46,41	2%
124	2318454	24F06	2011-10-18	2026-10-17	303 425,95 $	46,41	2%
125	2318455	24F06	2011-10-18	2026-10-17	302 180,22 $	46,41	2%
126	2531859	24F06	2019-02-22	2028-02-21	- $	46,34	
127	2531860	24F06	2019-02-22	2028-02-21	- $	46,34	
128	2531861	24F06	2019-02-22	2028-02-21	- $	46,34	
129	2531862	24F11	2019-02-22	2028-02-21	- $	46,33	
130	2531863	24F11	2019-02-22	2028-02-21	- $	46,33	
131	2531864	24F11	2019-02-22	2028-02-21	- $	46,33	
132	2531865	24F11	2019-02-22	2028-02-21	- $	46,33	
133	2531866	24F11	2019-02-22	2028-02-21	- $	46,33	
134	2531869	24F11	2019-02-22	2028-02-21	- $	46,32	
135	2531870	24F11	2019-02-22	2028-02-21	- $	46,32	
136	2531871	24F11	2019-02-22	2028-02-21	- $	46,32	
137	2531872	24F11	2019-02-22	2028-02-21	160,00 $	46,32	
138	2531873	24F11	2019-02-22	2028-02-21	- $	46,32	
139	2531876	24F11	2019-02-22	2028-02-21	189,00 $	46,31	
140	2531877	24F11	2019-02-22	2028-02-21	365,00 $	46,31	
141	2540579	24F06	2019-06-10	2027-06-09	- $	46,4	
142	2540580	24F06	2019-06-10	2027-06-09	4 788,00 $	46,4	
143	2540581	24F06	2019-06-10	2027-06-09	758,00 $	46,4	
144	2540582	24F06	2019-06-10	2027-06-09	- $	46,39	
145	2540583	24F06	2019-06-10	2027-06-09	- $	46,39	
146	2540584	24F06	2019-06-10	2027-06-09	22 412,00 $	46,39	
147	2540585	24F06	2019-06-10	2027-06-09	56 435,00 $	46,39	
148	2540586	24F06	2019-06-10	2027-06-09	45 642,00 $	46,39	
149	2540587	24F06	2019-06-10	2027-06-09	- $	46,39	
150	2540588	24F06	2019-06-10	2027-06-09	- $	46,38	
151	2540589	24F06	2019-06-10	2027-06-09	7 856,00 $	46,38	
152	2540590	24F06	2019-06-10	2027-06-09	7 856,00 $	46,38	
153	2540591	24F06	2019-06-10	2027-06-09	7 943,00 $	46,38	
154	2540592	24F06	2019-06-10	2027-06-09	5 460,00 $	46,38	
155	2540593	24F06	2019-06-10	2027-06-09	- $	46,38	
156	2540594	24F06	2019-06-10	2027-06-09	- $	46,37	
157	2540595	24F06	2019-06-10	2027-06-09	- $	46,37	
158	2540596	24F06	2019-06-10	2027-06-09	- $	46,37	
159	2540597	24F06	2019-06-10	2027-06-09	- $	46,37	
160	2540598	24F06	2019-06-10	2027-06-09	1 195,00 $	46,37	

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	NSR
161	2540599	24F06	2019-06-10	2027-06-09	758,00 $	46,37	
162	2540600	24F06	2019-06-10	2027-06-09	- $	46,37	
163	2540601	24F06	2019-06-10	2027-06-09	- $	46,37	
164	2540602	24F06	2019-06-10	2027-06-09	- $	46,37	
165	2540603	24F06	2019-06-10	2027-06-09	758,00 $	46,36	
166	2540604	24F06	2019-06-10	2027-06-09	1 430,00 $	46,36	
167	2540605	24F06	2019-06-10	2027-06-09	- $	46,36	
168	2540606	24F06	2019-06-10	2027-06-09	203,00 $	46,36	
169	2540607	24F06	2019-06-10	2027-06-09	87,00 $	46,36	
170	2540608	24F06	2019-06-10	2027-06-09	87,00 $	46,36	
171	2540609	24F06	2019-06-10	2027-06-09	58,00 $	46,36	
172	2540610	24F06	2019-06-10	2027-06-09	- $	46,36	
173	2540611	24F06	2019-06-10	2027-06-09	- $	46,35	
174	2540612	24F06	2019-06-10	2027-06-09	- $	46,35	
175	2540613	24F06	2019-06-10	2027-06-09	752,00 $	46,35	
176	2540614	24F06	2019-06-10	2027-06-09	87,00 $	46,35	
177	2540615	24F06	2019-06-10	2027-06-09	- $	46,35	
178	2540616	24F06	2019-06-10	2027-06-09	- $	46,35	
179	2540617	24F06	2019-06-10	2027-06-09	- $	46,35	
180	2540618	24F06	2019-06-10	2027-06-09	- $	46,35	
181	2540619	24F06	2019-06-10	2027-06-09	- $	46,37	2%
182	2540620	24F06	2019-06-10	2027-06-09	- $	46,37	
183	2540621	24F06	2019-06-10	2027-06-09	2 102,00 $	46,37	
184	2540622	24F06	2019-06-10	2027-06-09	758,00 $	46,37	
185	2540623	24F06	2019-06-10	2027-06-09	1 430,00 $	46,37	
186	2540624	24F06	2019-06-10	2027-06-09	- $	46,36	2%
187	2540625	24F06	2019-06-10	2027-06-09	- $	46,36	
188	2540626	24F06	2019-06-10	2027-06-09	- $	46,36	
189	2540627	24F06	2019-06-10	2027-06-09	2 773,00 $	46,36	
190	2540628	24F06	2019-06-10	2027-06-09	- $	46,36	
191	2540629	24F06	2019-06-10	2027-06-09	6 539,00 $	46,35	2%
192	2540630	24F06	2019-06-10	2027-06-09	- $	46,35	
193	2540631	24F06	2019-06-10	2027-06-09	- $	46,35	
194	2540632	24F06	2019-06-10	2027-06-09	2 102,00 $	46,35	
195	2605408	24F06	2021-04-07	2028-04-06	- $	46,4	2%
196	2605409	24F06	2021-04-07	2028-04-06	- $	46,4	2%
197	2605410	24F06	2021-04-07	2028-04-06	- $	46,4	2%
198	2605411	24F06	2021-04-07	2028-04-06	- $	46,4	2%
199	2605412	24F06	2021-04-07	2028-04-06	- $	46,4	2%
200	2605413	24F06	2021-04-07	2028-04-06	- $	46,4	2%
201	2605414	24F06	2021-04-07	2028-04-06	- $	46,39	2%
202	2605415	24F06	2021-04-07	2028-04-06	- $	46,39	2%
203	2605416	24F06	2021-04-07	2028-04-06	- $	46,39	2%
204	2605417	24F06	2021-04-07	2028-04-06	- $	46,39	2%
205	2605418	24F06	2021-04-07	2028-04-06	- $	46,38	2%
206	2605419	24F06	2021-04-07	2028-04-06	- $	46,38	2%
207	2605420	24F06	2021-04-07	2028-04-06	- $	46,38	2%
208	2605421	24F06	2021-04-07	2028-04-06	- $	46,37	2%
209	2605422	24F06	2021-04-07	2028-04-06	- $	46,37	2%
210	2605423	24F06	2021-04-07	2028-04-06	- $	46,36	2%
211	2605424	24F06	2021-04-07	2028-04-06	- $	46,36	2%
212	2605425	24F06	2021-04-07	2028-04-06	- $	46,35	2%
213	2605426	24F06	2021-04-07	2028-04-06	- $	46,35	2%
214	2605427	24F06	2021-04-07	2028-04-06	- $	46,34	2%

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	NSR
215	2605428	24F11	2021-04-07	2028-04-06	- $	46,31	2%
216	2605429	24F11	2021-04-07	2028-04-06	- $	46,3	2%
217	2605430	24F11	2021-04-07	2028-04-06	- $	46,3	2%
218	2605431	24F11	2021-04-07	2028-04-06	- $	46,3	2%
219	2605432	24F11	2021-04-07	2028-04-06	- $	46,3	2%
220	2605433	24F11	2021-04-07	2028-04-06	- $	46,28	2%
221	2605434	24F11	2021-04-07	2028-04-06	- $	46,28	2%
222	2605435	24F11	2021-04-07	2028-04-06	- $	46,28	2%
223	2605436	24F11	2021-04-07	2028-04-06	- $	46,28	2%
224	2605437	24F11	2021-04-07	2028-04-06	- $	46,28	2%
225	2605438	24F11	2021-04-07	2028-04-06	- $	46,28	2%
226	2605439	24F11	2021-04-07	2028-04-06	- $	46,28	2%
227	2605440	24F11	2021-04-07	2028-04-06	- $	46,28	2%
228	2605441	24F11	2021-04-07	2028-04-06	- $	46,28	2%
229	2605442	24F11	2021-04-07	2028-04-06	- $	46,28	2%
230	2605443	24F11	2021-04-07	2028-04-06	- $	46,27	2%
231	2605444	24F11	2021-04-07	2028-04-06	- $	46,27	2%
232	2605445	24F11	2021-04-07	2028-04-06	- $	46,27	2%
233	2605446	24F11	2021-04-07	2028-04-06	- $	46,27	2%
234	2605447	24F11	2021-04-07	2028-04-06	- $	46,27	2%
235	2605448	24F11	2021-04-07	2028-04-06	- $	46,27	2%
236	2605449	24F11	2021-04-07	2028-04-06	- $	46,27	2%
237	2605450	24F11	2021-04-07	2028-04-06	- $	46,27	2%
238	2605451	24F11	2021-04-07	2028-04-06	- $	46,27	2%
239	2605452	24F11	2021-04-07	2028-04-06	- $	46,26	2%
240	2605453	24F11	2021-04-07	2028-04-06	- $	46,26	2%
241	2605454	24F11	2021-04-07	2028-04-06	- $	46,26	2%
242	2605455	24F11	2021-04-07	2028-04-06	- $	46,26	2%
243	2605456	24F11	2021-04-07	2028-04-06	- $	46,26	2%
244	2605457	24F11	2021-04-07	2028-04-06	- $	46,26	2%
245	2605458	24F11	2021-04-07	2028-04-06	- $	46,26	2%
246	2605459	24F11	2021-04-07	2028-04-06	- $	46,26	2%
247	2605460	24F11	2021-04-07	2028-04-06	- $	46,26	2%
248	2605461	24F11	2021-04-07	2028-04-06	- $	46,26	2%
249	2605462	24F11	2021-04-07	2028-04-06	- $	46,25	2%
250	2605463	24F11	2021-04-07	2028-04-06	- $	46,25	2%
251	2605464	24F11	2021-04-07	2028-04-06	- $	46,25	2%
252	2605465	24F11	2021-04-07	2028-04-06	- $	46,25	2%
253	2605466	24F11	2021-04-07	2028-04-06	- $	46,25	2%
254	2605467	24F11	2021-04-07	2028-04-06	- $	46,25	2%
255	2605468	24F11	2021-04-07	2028-04-06	- $	46,25	2%
256	2605469	24F11	2021-04-07	2028-04-06	- $	46,25	2%
257	2605470	24F11	2021-04-07	2028-04-06	- $	46,24	2%
258	2605471	24F11	2021-04-07	2028-04-06	- $	46,24	2%
259	2605472	24F11	2021-04-07	2028-04-06	- $	46,24	2%
260	2605473	24F11	2021-04-07	2028-04-06	- $	46,24	2%
261	2605474	24F11	2021-04-07	2028-04-06	- $	46,24	2%
262	2605475	24F11	2021-04-07	2028-04-06	- $	46,24	2%
263	2683874	24F06	2022-10-26	2027-10-25	- $	46,41	2%
264	2684206	24F06	2022-10-27	2027-10-26	- $	46,47	2%
265	2684207	24F06	2022-10-27	2027-10-26	- $	46,47	2%
266	2684208	24F06	2022-10-27	2027-10-26	- $	46,47	2%
267	2684209	24F06	2022-10-27	2027-10-26	- $	46,47	2%
268	2684210	24F06	2022-10-27	2027-10-26	- $	46,47	2%

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	NSR
269	2684211	24F06	2022-10-27	2027-10-26	- $	46,47	2%
270	2684212	24F06	2022-10-27	2027-10-26	- $	46,46	2%
271	2684213	24F06	2022-10-27	2027-10-26	- $	46,46	2%
272	2684214	24F06	2022-10-27	2027-10-26	- $	46,46	2%
273	2684215	24F06	2022-10-27	2027-10-26	- $	46,46	2%
274	2684216	24F06	2022-10-27	2027-10-26	- $	46,46	2%
275	2684217	24F06	2022-10-27	2027-10-26	- $	46,46	2%
276	2684600	24F06	2022-10-27	2027-10-26	- $	46,47	2%
277	2684601	24F06	2022-10-27	2027-10-26	- $	46,46	2%
278	2684602	24F06	2022-10-27	2027-10-26	- $	46,45	2%
279	2684603	24F06	2022-10-27	2027-10-26	- $	46,44	2%
280	2684604	24F06	2022-10-27	2027-10-26	- $	46,43	2%
281	2684795	24F06	2022-10-28	2027-10-27	- $	46,47	2%
282	2684796	24F06	2022-10-28	2027-10-27	- $	46,46	2%
283	2773403	24F11	2023-06-16	2026-06-15	- $	46,23	2%
284	2773404	24F11	2023-06-16	2026-06-15	- $	46,22	2%
285	2773405	24F11	2023-06-16	2026-06-15	- $	46,22	2%
286	2773406	24F11	2023-06-16	2026-06-15	- $	46,22	2%
287	2773407	24F11	2023-06-16	2026-06-15	- $	46,22	2%
288	2773408	24F11	2023-06-16	2026-06-15	- $	46,22	2%
289	2773409	24F11	2023-06-16	2026-06-15	- $	46,21	2%
290	2773410	24F11	2023-06-16	2026-06-15	- $	46,21	2%
291	2773411	24F11	2023-06-16	2026-06-15	- $	46,21	2%
292	2773412	24F11	2023-06-16	2026-06-15	- $	46,21	2%
293	2773413	24F11	2023-06-16	2026-06-15	- $	46,21	2%
294	2773414	24F11	2023-06-16	2026-06-15	- $	46,21	2%
295	2773415	24F11	2023-06-16	2026-06-15	- $	46,21	2%
296	2773416	24F11	2023-06-16	2026-06-15	- $	46,21	2%
297	2773417	24F11	2023-06-16	2026-06-15	- $	46,2	2%
298	2773418	24F11	2023-06-16	2026-06-15	- $	46,2	2%
299	2773419	24F11	2023-06-16	2026-06-15	- $	46,2	2%
300	2773420	24F11	2023-06-16	2026-06-15	- $	46,2	2%
301	2773421	24F11	2023-06-16	2026-06-15	- $	46,2	2%
302	2773422	24F11	2023-06-16	2026-06-15	- $	46,2	2%
303	2773423	24F11	2023-06-16	2026-06-15	- $	46,2	2%
304	2773424	24F11	2023-06-16	2026-06-15	- $	46,2	2%
305	2773425	24F11	2023-06-16	2026-06-15	- $	46,2	2%
306	2773426	24F11	2023-06-16	2026-06-15	- $	46,2	2%
307	2773427	24F11	2023-06-16	2026-06-15	- $	46,19	2%
308	2773428	24F11	2023-06-16	2026-06-15	- $	46,19	2%
309	2773429	24F11	2023-06-16	2026-06-15	- $	46,19	2%
310	2773430	24F11	2023-06-16	2026-06-15	- $	46,19	2%
311	2773431	24F11	2023-06-16	2026-06-15	- $	46,19	2%
312	2773432	24F11	2023-06-16	2026-06-15	- $	46,19	2%
313	2773433	24F11	2023-06-16	2026-06-15	- $	46,19	2%
314	2773434	24F11	2023-06-16	2026-06-15	- $	46,18	2%
315	2773435	24F11	2023-06-16	2026-06-15	- $	46,18	2%
316	2773436	24F11	2023-06-16	2026-06-15	- $	46,18	2%
317	2773437	24F11	2023-06-16	2026-06-15	- $	46,18	2%
318	2773438	24F11	2023-06-16	2026-06-15	- $	46,17	2%
319	2773439	24F11	2023-06-16	2026-06-15	- $	46,17	2%
320	2773440	24F11	2023-06-16	2026-06-15	- $	46,17	2%
321	2773441	24F11	2023-06-16	2026-06-15	- $	46,16	2%
322	2773442	24F11	2023-06-16	2026-06-15	- $	46,16	2%

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)	NSR
323	2773443	24F11	2023-06-16	2026-06-15	- $	46,16	2%
324	2773444	24F11	2023-06-16	2026-06-15	- $	46,16	2%
325	2773445	24F11	2023-06-16	2026-06-15	- $	46,15	2%
326	2773446	24F11	2023-06-16	2026-06-15	- $	46,15	2%
327	2773447	24F11	2023-06-16	2026-06-15	- $	46,15	2%
328	2773448	24F11	2023-06-16	2026-06-15	- $	46,15	2%
329	2773449	24F11	2023-06-16	2026-06-15	- $	46,14	2%
330	2773450	24F11	2023-06-16	2026-06-15	- $	46,14	2%
331	2773451	24F11	2023-06-16	2026-06-15	- $	46,14	2%
332	2773452	24F11	2023-06-16	2026-06-15	- $	46,14	2%
333	2835054	24F06	2024-08-14	2027-08-13	- $	46,41	
334	2836900	24F06	2024-10-03	2027-10-02	- $	46,41	
335	2836901	24F06	2024-10-03	2027-10-02	- $	46,41	
336	2836902	24F06	2024-10-03	2027-10-02	- $	46,41	
337	2836903	24F06	2024-10-03	2027-10-02	- $	46,4	
338	2836904	24F06	2024-10-03	2027-10-02	- $	46,4	
339	2836905	24F06	2024-10-03	2027-10-02	- $	46,39	
340	2850598	24F06	2025-06-13	2028-06-12	- $	46,43	2%
341	2850599	24F06	2025-06-13	2028-06-12	- $	46,42	2%
342	2850600	24F06	2025-06-13	2028-06-12	- $	46,42	2%
						15843,8 Ha	

Sector: KOKSOAK

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
1	2403701	24F13	2014-05-08	2027-05-07	- $	45,72
2	2403702	24F13	2014-05-08	2027-05-07	- $	45,72
3	2403703	24F13	2014-05-08	2027-05-07	- $	45,71
4	2403704	24F13	2014-05-08	2027-05-07	- $	45,71
5	2403705	24K04	2014-05-08	2027-05-07	- $	45,7
6	2403706	24K04	2014-05-08	2027-05-07	4 624,62 $	45,7
7	2403707	24K04	2014-05-08	2027-05-07	- $	45,7
8	2403708	24K04	2014-05-08	2027-05-07	- $	45,69
9	2403709	24K04	2014-05-08	2027-05-07	178 428,32 $	45,69
10	2403710	24K04	2014-05-08	2027-05-07	- $	45,69
11	2414828	24F13	2014-10-21	2027-10-20	105 720,65 $	45,75
12	2414829	24F13	2014-10-21	2027-10-20	- $	45,75
13	2414830	24F13	2014-10-21	2027-10-20	- $	45,75
14	2414831	24F13	2014-10-21	2027-10-20	- $	45,75
15	2414832	24F13	2014-10-21	2027-10-20	- $	45,75
16	2414833	24F13	2014-10-21	2027-10-20	1 442,00 $	45,74
17	2414834	24F13	2014-10-21	2027-10-20	2 039,65 $	45,74
18	2414835	24F13	2014-10-21	2027-10-20	- $	45,74
19	2414836	24F13	2014-10-21	2027-10-20	- $	45,74
20	2414837	24F13	2014-10-21	2027-10-20	- $	45,74
21	2414838	24F13	2014-10-21	2027-10-20	- $	45,74
22	2414839	24F13	2014-10-21	2027-10-20	- $	45,73
23	2414840	24F13	2014-10-21	2027-10-20	- $	45,73
24	2414841	24F13	2014-10-21	2027-10-20	- $	45,73
25	2414842	24F13	2014-10-21	2027-10-20	- $	45,73
26	2414843	24F13	2014-10-21	2027-10-20	4 764,65 $	45,73
27	2414844	24F13	2014-10-21	2027-10-20	255 946,65 $	45,73

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
28	2414845	24F13	2014-10-21	2027-10-20	- $	45,73
29	2414846	24F13	2014-10-21	2027-10-20	- $	45,72
30	2414847	24F13	2014-10-21	2027-10-20	- $	45,72
31	2414848	24F13	2014-10-21	2027-10-20	204 905,80 $	45,72
32	2414849	24F13	2014-10-21	2027-10-20	108 379,65 $	45,72
33	2414850	24F13	2014-10-21	2027-10-20	- $	45,71
34	2414851	24F13	2014-10-21	2027-10-20	- $	45,71
35	2414852	24F13	2014-10-21	2027-10-20	- $	45,71
36	2414853	24F14	2014-10-21	2027-10-20	- $	45,75
37	2414854	24F14	2014-10-21	2027-10-20	- $	45,74
38	2414855	24K04	2014-10-21	2027-10-20	- $	45,7
39	2414856	24K04	2014-10-21	2027-10-20	- $	45,69
40	2414857	24K04	2014-10-21	2027-10-20	- $	45,67
41	2414858	24K04	2014-10-21	2027-10-20	- $	45,67
42	2414859	24K04	2014-10-21	2027-10-20	- $	45,67
43	2414860	24K04	2014-10-21	2027-10-20	- $	45,65
44	2415012	24F13	2014-10-23	2027-10-22	3 402,65 $	45,77
45	2415013	24F13	2014-10-23	2027-10-22	- $	45,76
46	2415014	24F13	2014-10-23	2027-10-22	- $	45,76
47	2415015	24F14	2014-10-23	2027-10-22	- $	45,77
48	2415016	24F14	2014-10-23	2027-10-22	- $	45,77
49	2415017	24F14	2014-10-23	2027-10-22	70 046,35 $	45,77
50	2415018	24F14	2014-10-23	2027-10-22	67 788,65 $	45,76
51	2415019	24F14	2014-10-23	2027-10-22	37 552,65 $	45,76
52	2428489	24F13	2015-06-03	2026-06-02	- $	45,82
53	2428490	24F13	2015-06-03	2026-06-02	561,60 $	45,82
54	2428491	24F13	2015-06-03	2026-06-02	- $	45,81
55	2428492	24F13	2015-06-03	2026-06-02	- $	45,81
56	2428493	24F13	2015-06-03	2026-06-02	- $	45,8
57	2428494	24F13	2015-06-03	2026-06-02	- $	45,8
58	2428495	24F13	2015-06-03	2026-06-02	- $	45,8
59	2428496	24F13	2015-06-03	2026-06-02	- $	45,79
60	2428497	24F13	2015-06-03	2026-06-02	- $	45,78
61	2428498	24F13	2015-06-03	2026-06-02	208,15 $	45,77
62	2428499	24F13	2015-06-03	2026-06-02	5 045,15 $	45,77
63	2428500	24F13	2015-06-03	2026-06-02	707 171,40 $	45,77
64	2428501	24F13	2015-06-03	2026-06-02	4 233,15 $	45,76
65	2428502	24F13	2015-06-03	2026-06-02	14 423,15 $	45,76
66	2428503	24F14	2015-06-03	2026-06-02	- $	45,82
67	2428504	24F14	2015-06-03	2026-06-02	- $	45,82
68	2428505	24F14	2015-06-03	2026-06-02	- $	45,81
69	2428506	24F14	2015-06-03	2026-06-02	- $	45,8
70	2428507	24F14	2015-06-03	2026-06-02	- $	45,8
71	2428508	24F14	2015-06-03	2026-06-02	- $	45,8
72	2428509	24F14	2015-06-03	2026-06-02	- $	45,79
73	2428510	24F14	2015-06-03	2026-06-02	- $	45,79
74	2428511	24F14	2015-06-03	2026-06-02	- $	45,79
75	2428512	24F14	2015-06-03	2026-06-02	- $	45,78
76	2428513	24F14	2015-06-03	2026-06-02	- $	45,78
77	2428514	24F14	2015-06-03	2026-06-02	- $	45,78
78	2431587	24F13	2015-07-28	2026-07-27	30 956,15 $	45,63
79	2431588	24F14	2015-07-28	2026-07-27	- $	44,65
80	2432311	24F14	2015-08-20	2026-08-19	- $	45,91
81	2432312	24F14	2015-08-20	2026-08-19	325,45 $	45,91

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
82	2432313	24F14	2015-08-20	2026-08-19	- $	45,91
83	2432323	24F14	2015-08-20	2026-08-19	91,10 $	45,9
84	2432324	24F14	2015-08-20	2026-08-19	- $	45,9
85	2432325	24F14	2015-08-20	2026-08-19	- $	45,9
86	2432336	24F14	2015-08-20	2026-08-19	- $	45,89
87	2432337	24F14	2015-08-20	2026-08-19	241,15 $	45,89
88	2432338	24F14	2015-08-20	2026-08-19	- $	45,89
89	2432346	24F14	2015-08-20	2026-08-19	- $	45,87
90	2432347	24F14	2015-08-20	2026-08-19	- $	45,87
91	2432348	24F14	2015-08-20	2026-08-19	- $	45,87
92	2432349	24F14	2015-08-20	2026-08-19	- $	45,87
93	2432350	24F14	2015-08-20	2026-08-19	- $	45,87
94	2432359	24F14	2015-08-20	2026-08-19	- $	45,86
95	2432360	24F14	2015-08-20	2026-08-19	- $	45,86
96	2432361	24F14	2015-08-20	2026-08-19	- $	45,86
97	2432362	24F14	2015-08-20	2026-08-19	- $	45,86
98	2432363	24F14	2015-08-20	2026-08-19	- $	45,86
99	2432372	24F14	2015-08-20	2026-08-19	- $	45,85
100	2432373	24F14	2015-08-20	2026-08-19	1 991,01 $	45,85
101	2432374	24F14	2015-08-20	2026-08-19	- $	45,85
102	2432375	24F14	2015-08-20	2026-08-19	- $	45,85
103	2432386	24F14	2015-08-20	2026-08-19	- $	45,84
104	2432387	24F14	2015-08-20	2026-08-19	- $	45,84
105	2432388	24F14	2015-08-20	2026-08-19	- $	45,84
106	2432398	24F14	2015-08-20	2026-08-19	- $	45,83
107	2432399	24F14	2015-08-20	2026-08-19	- $	45,83
108	2432427	24F13	2015-08-20	2026-08-19	- $	45,81
109	2432436	24F13	2015-08-21	2026-08-20	- $	45,8
110	2432443	24F13	2015-08-21	2026-08-20	- $	45,79
111	2432451	24F13	2015-08-21	2026-08-20	- $	45,78
112	2432452	24F13	2015-08-21	2026-08-20	- $	45,78
113	2432457	24F13	2015-08-21	2026-08-20	- $	45,77
114	2433275	24F13	2015-09-15	2026-09-14	13 415,89 $	40,7
115	2436718	24K04	2016-02-05	2027-02-04	- $	45,67
116	2436719	24K04	2016-02-05	2027-02-04	- $	45,68
117	2436720	24K04	2016-02-05	2027-02-04	20 007,42 $	45,67
118	2436721	24K04	2016-02-05	2027-02-04	- $	45,66
119	2436722	24K04	2016-02-05	2027-02-04	520,14 $	45,66
120	2436723	24K04	2016-02-05	2027-02-04	3 324,14 $	45,66
121	2436724	24K04	2016-02-05	2027-02-04	- $	45,66
122	2436725	24K04	2016-02-05	2027-02-04	- $	45,65
123	2436726	24K04	2016-02-05	2027-02-04	- $	45,65
124	2436727	24K04	2016-02-05	2027-02-04	- $	45,65
125	2769275	24F13	2023-05-30	2026-05-29	- $	45,79
126	2769276	24F13	2023-05-30	2026-05-29	7 856,00 $	45,78
127	2769277	24F13	2023-05-30	2026-05-29	7 856,00 $	45,78
128	2862768	24F13	2025-11-13	2028-11-12	- $	45,79
						5852,41 Ha

Sector: OOPS

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
1	2557845	24F07	2020-03-05	2028-03-04	5 189,00 $	46,64
2	2557846	24F07	2020-03-05	2028-03-04	5 189,00 $	46,64
3	2557847	24F07	2020-03-05	2028-03-04	- $	46,64
4	2557849	24F07	2020-03-05	2028-03-04	- $	46,63
5	2557850	24F07	2020-03-05	2028-03-04	- $	46,63
6	2557851	24F07	2020-03-05	2028-03-04	- $	46,63
						279,81 Ha

Sector: STARS

	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
1	2432292	24F14	2015-08-20	2026-08-19	- $	45,93
2	2432293	24F14	2015-08-20	2026-08-19	- $	45,93
3	2432294	24F14	2015-08-20	2026-08-19	- $	45,93
4	2432295	24F14	2015-08-20	2026-08-19	- $	45,93
5	2432296	24F14	2015-08-20	2026-08-19	- $	45,93
6	2434499	24F14	2015-10-29	2026-10-28	- $	45,96
7	2434500	24F14	2015-10-29	2026-10-28	- $	45,96
8	2434503	24F14	2015-10-29	2026-10-28	- $	45,95
9	2434504	24F14	2015-10-29	2026-10-28	- $	45,95
10	2434505	24F14	2015-10-29	2026-10-28	- $	45,95
11	2434506	24F14	2015-10-29	2026-10-28	- $	45,95
12	2434507	24F14	2015-10-29	2026-10-28	617,39 $	45,95
13	2434511	24F14	2015-10-29	2026-10-28	- $	45,94
14	2434512	24F14	2015-10-29	2026-10-28	- $	45,94
15	2434513	24F14	2015-10-29	2026-10-28	- $	45,94
16	2434514	24F14	2015-10-29	2026-10-28	1 749,06 $	45,94
17	2434515	24F14	2015-10-29	2026-10-28	887,39 $	45,94
18	2434516	24F14	2015-10-29	2026-10-28	- $	45,94
19	2434517	24F14	2015-10-29	2026-10-28	- $	45,94
20	2443494	24F14	2016-04-26	2027-04-25	- $	45,99
21	2443495	24F14	2016-04-26	2027-04-25	- $	45,99
22	2443498	24F14	2016-04-26	2027-04-25	- $	45,98
23	2443499	24F14	2016-04-26	2027-04-25	- $	45,98
24	2443500	24F14	2016-04-26	2027-04-25	- $	45,98
25	2443501	24F14	2016-04-26	2027-04-25	- $	45,98
26	2443504	24F14	2016-04-26	2027-04-25	- $	45,97
27	2443505	24F14	2016-04-26	2027-04-25	- $	45,97
28	2443506	24F14	2016-04-26	2027-04-25	- $	45,97
29	2443507	24F14	2016-04-26	2027-04-25	- $	45,97
30	2469353	24F14	2016-11-15	2027-11-14	- $	45,98
31	2469354	24F14	2016-11-15	2027-11-14	- $	45,98
32	2469355	24F14	2016-11-15	2027-11-14	- $	45,97
33	2469356	24F14	2016-11-15	2027-11-14	- $	45,97
34	2469357	24F14	2016-11-15	2027-11-14	- $	45,97
35	2469358	24F14	2016-11-15	2027-11-14	- $	45,96
36	2469359	24F14	2016-11-15	2027-11-14	- $	45,96
37	2469360	24F14	2016-11-15	2027-11-14	101534,14 $	45,96
38	2469361	24F14	2016-11-15	2027-11-14	- $	45,96
39	2469362	24F14	2016-11-15	2027-11-14	4 188,15 $	45,95
40	2469363	24F14	2016-11-15	2027-11-14	- $	45,95

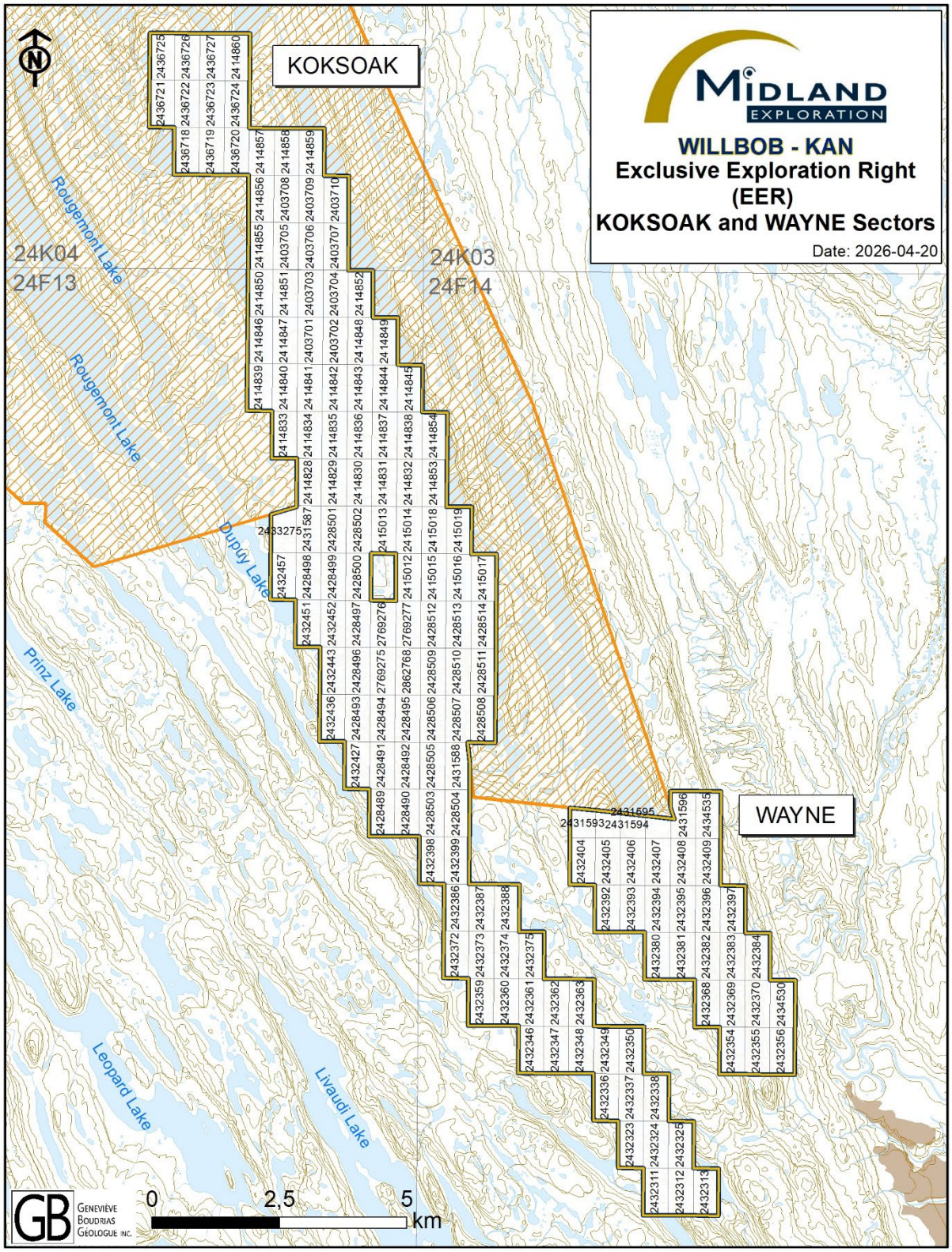
	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
41	2469364	24F14	2016-11-15	2027-11-14	- $	45,95
42	2469365	24F14	2016-11-15	2027-11-14	- $	45,94
						1930,18 Ha

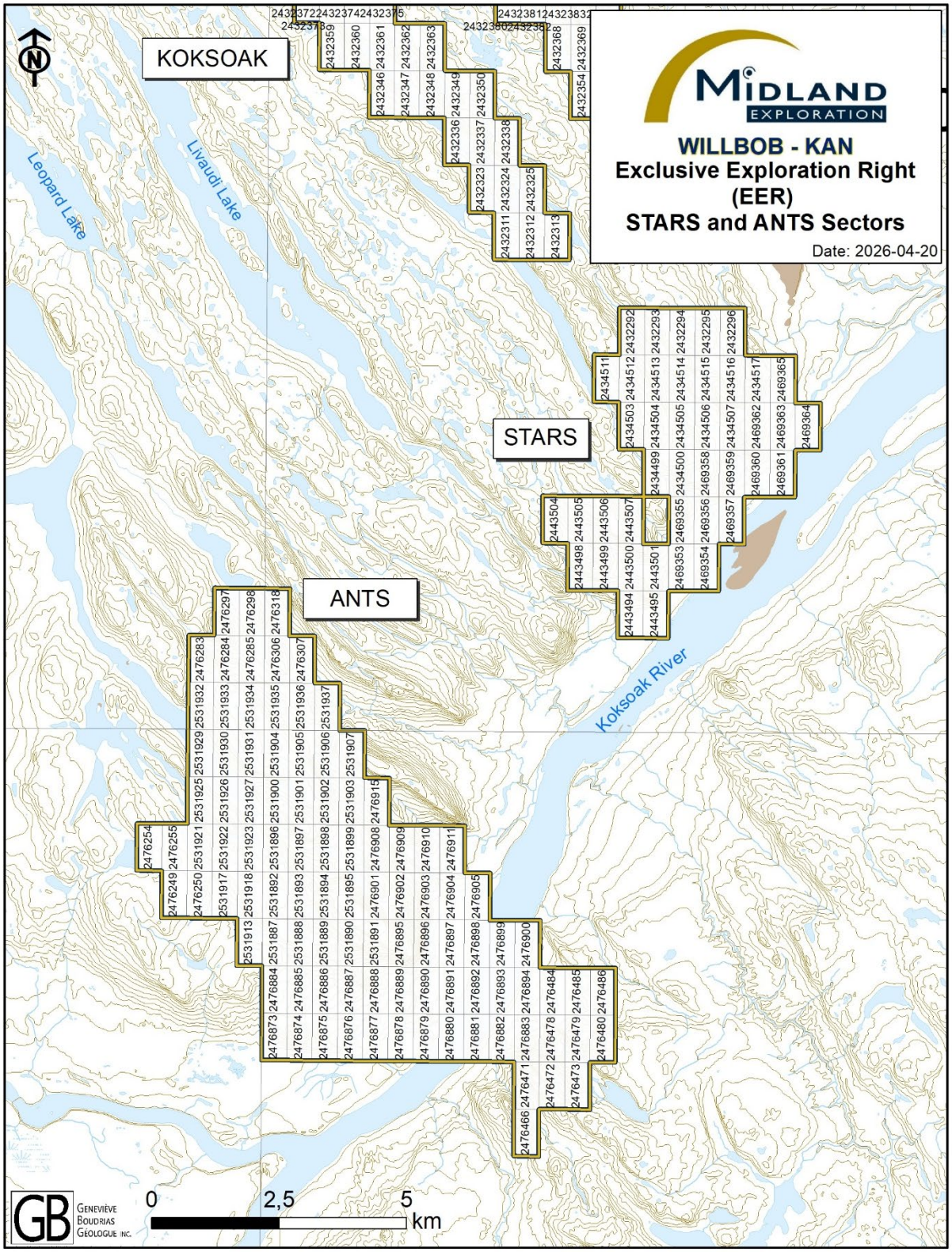
Sector: WAYNE

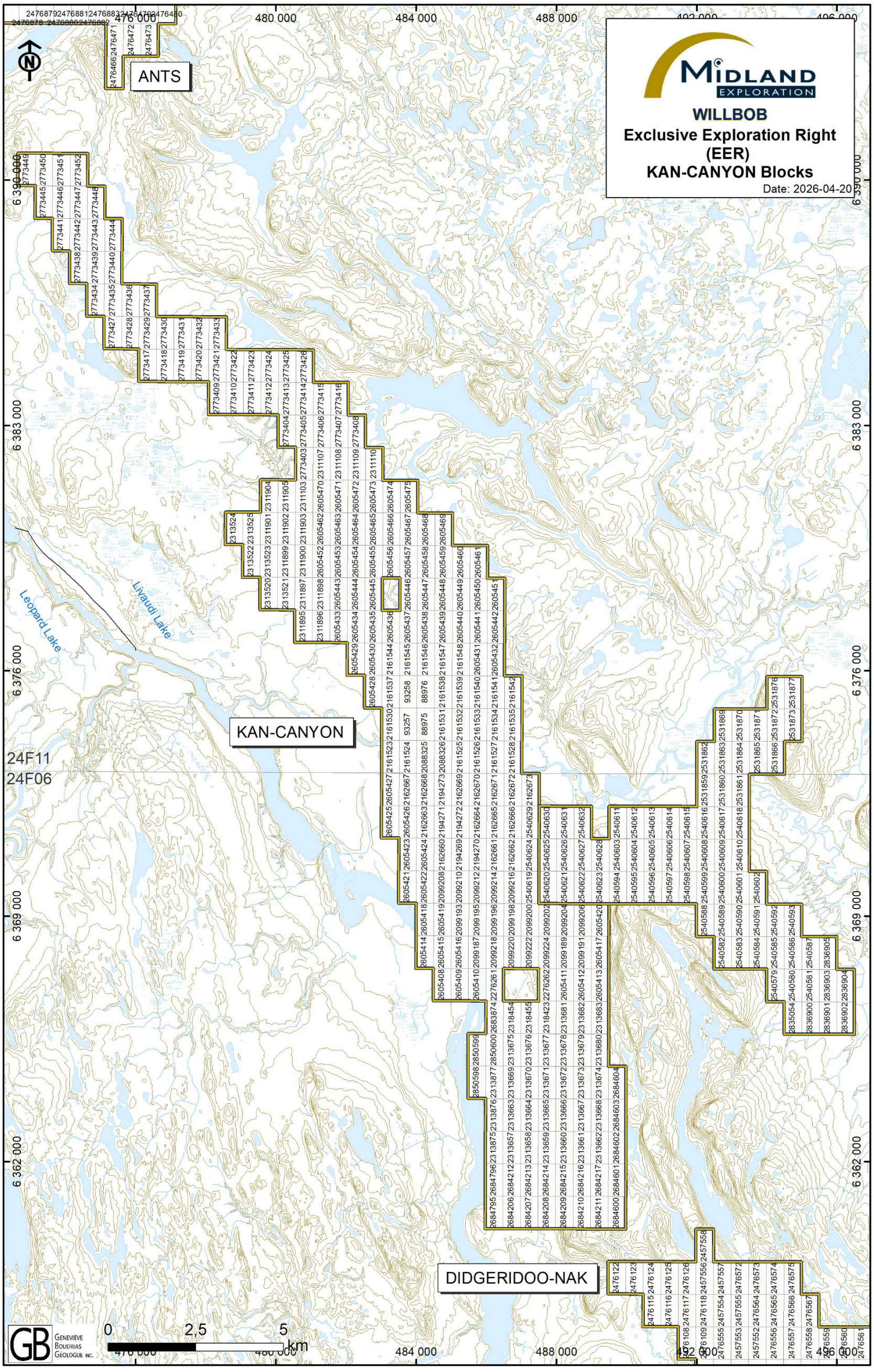
	DEE Number CDC	NTS Sheet	Acquisition Date	Expiry Date	Excess Credit	Area (Ha)
1	2431593	24F14	2015-07-28	2026-07-27	- $	27,81
2	2431594	24F14	2015-07-28	2026-07-27	- $	25,28
3	2431595	24F14	2015-07-28	2026-07-27	1 079,50 $	22,75
4	2431596	24F14	2015-07-28	2026-07-27	- $	44,98
5	2431597	24F14	2015-07-28	2026-07-27	- $	20,22
6	2432354	24F14	2015-08-20	2026-08-19	- $	45,87
7	2432355	24F14	2015-08-20	2026-08-19	945,15 $	45,87
8	2432356	24F14	2015-08-20	2026-08-19	856,29 $	45,87
9	2432368	24F14	2015-08-20	2026-08-19	- $	45,86
10	2432369	24F14	2015-08-20	2026-08-19	5,45 $	45,86
11	2432370	24F14	2015-08-20	2026-08-19	- $	45,86
12	2432380	24F14	2015-08-20	2026-08-19	201,45 $	45,85
13	2432381	24F14	2015-08-20	2026-08-19	- $	45,85
14	2432382	24F14	2015-08-20	2026-08-19	- $	45,85
15	2432383	24F14	2015-08-20	2026-08-19	- $	45,85
16	2432384	24F14	2015-08-20	2026-08-19	1 158,97 $	45,85
17	2432392	24F14	2015-08-20	2026-08-19	- $	45,84
18	2432393	24F14	2015-08-20	2026-08-19	3 052,15 $	45,84
19	2432394	24F14	2015-08-20	2026-08-19	63 611,10 $	45,84
20	2432395	24F14	2015-08-20	2026-08-19	9 403,15 $	45,84
21	2432396	24F14	2015-08-20	2026-08-19	- $	45,84
22	2432397	24F14	2015-08-20	2026-08-19	- $	45,84
23	2432404	24F14	2015-08-20	2026-08-19	- $	45,83
24	2432405	24F14	2015-08-20	2026-08-19	99,29 $	45,83
25	2432406	24F14	2015-08-20	2026-08-19	862,14 $	45,83
26	2432407	24F14	2015-08-20	2026-08-19	61 519,24 $	45,83
27	2432408	24F14	2015-08-20	2026-08-19	7 935,14 $	45,83
28	2432409	24F14	2015-08-20	2026-08-19	- $	45,83
29	2434530	24F14	2015-10-29	2026-10-28	- $	45,86
30	2434535	24F14	2015-10-29	2026-10-28	- $	45,82
						1287,18 Ha

APPENDIX III – EER Maps

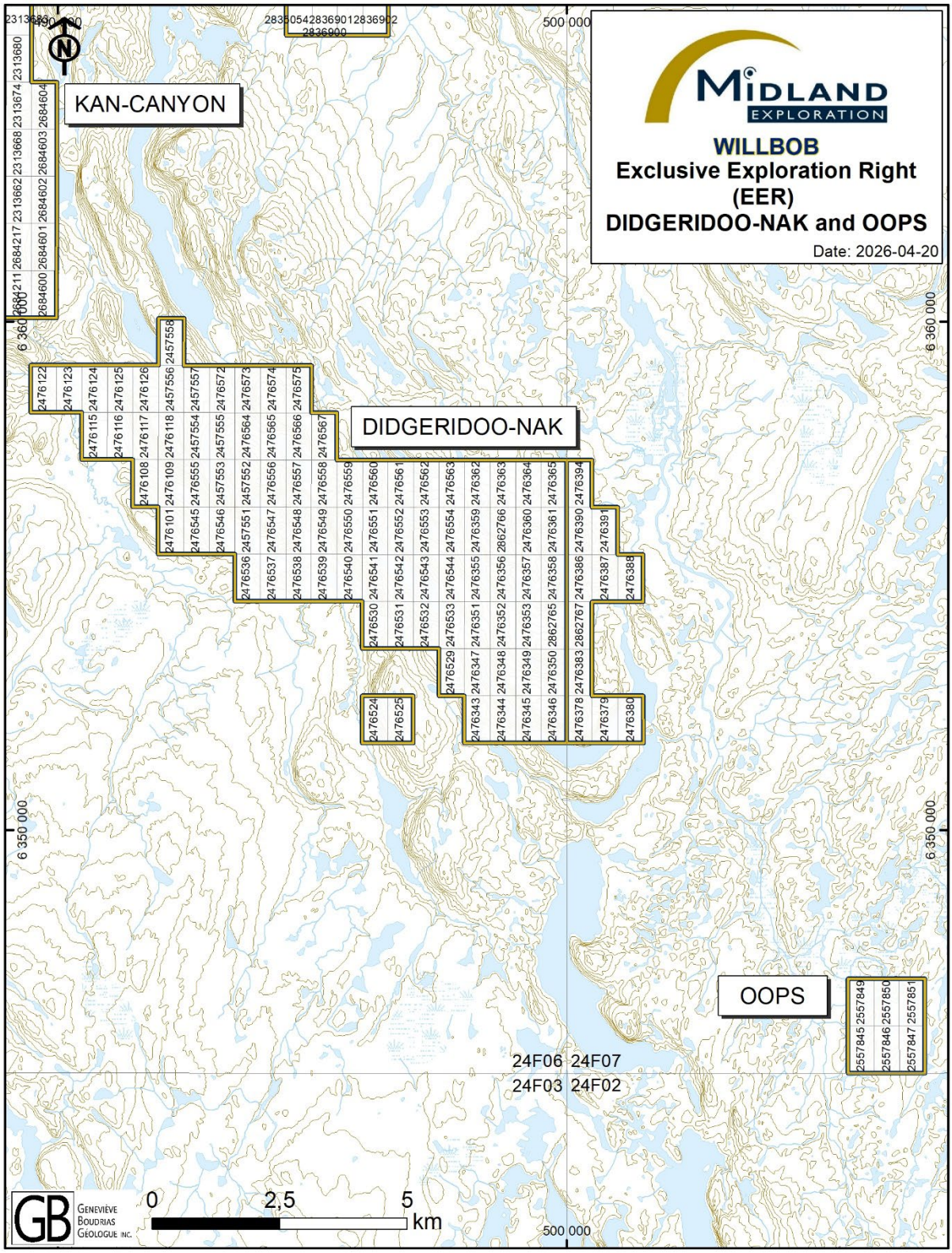
Koksoak and Wayne



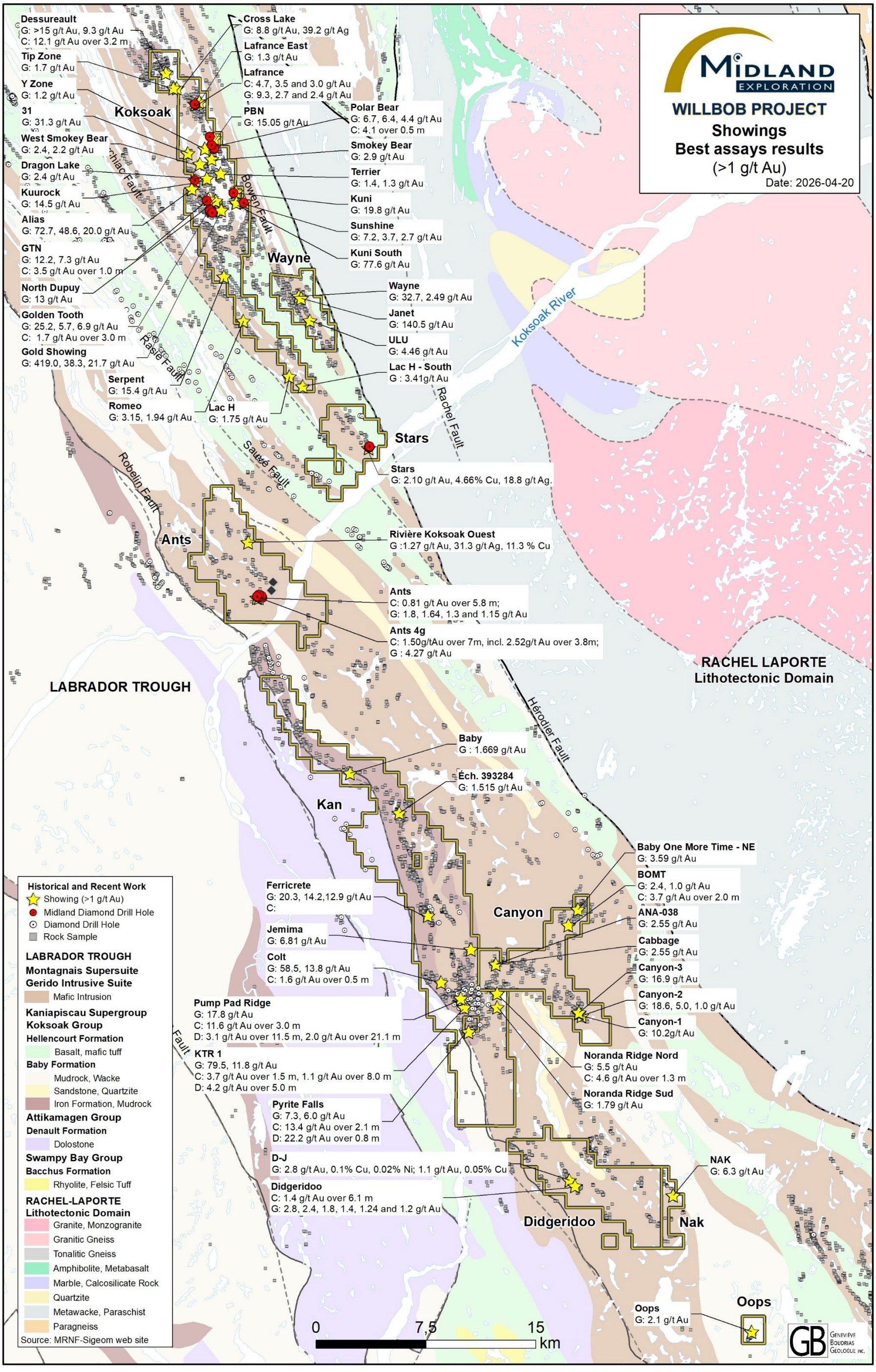

KOKSOAK
STARS
ANTS
Leopard Lake
Livaudi Lake
Koksoak River
MIDLAND EXPLORATION
WILLBOB - KAN
Exclusive Exploration Right (EER)
STARS and ANTS Sectors
Date: 2026-04-20
0
2,5
5
km


MIDLAND EXPLORATION
WILLBOB
Exclusive Exploration Right (EER)
KAN-CANYON Blocks
Date: 2026-04-20
ANTS
KAN-CANYON
DIDGERIDOO-NAK
Liyaudi Lake
Leopard Lake
24F11
24F06
476 000
480 000
484 000
488 000
492 000
496 000
6 390 000
6 383 000
6 376 000
6 369 000
6 362 000
0
2,5
5
km

Didgeridoo-NAK and Oops



APPENDIX IV – Historical and recent works with best assays (> 1g/t Au)



APPENDIX V – ALL ASSAYS CERTIFICATES

1 – Midland Certificates

2025 – Prospection : Midland
2024 – Prospection : Midland
2024 – Soils : Midland
2021 – Prospection : Midland
2020 – DDH : Midland
2019 – DDH : Midland
2019 – Prospection : Midland
2019 – Soils : Midland
2018 – Prospection : Midland
2017 – DDH : Midland
2017 – Prospection : Midland
2017 – Soils: Midland
2016 – DDH : Midland
2016 – Prospection : Midland
2015 – Prospection : Midland
2014 – Prospection : Midland

2 – Other Companies Certificates

2018 – DDH : Osisko
2017 – DDH : Osisko
2017 – Prospection : Osisko
2017 – Soils : Osisko
2016 – DDH : Osisko
2016 – Prospection : Osisko
2016 – Soils : Osisko
2015 – Prospection : Osisko
2015 – Soils : Osisko
2015 – Prospection : Osisko
2014 – Soils : Osisko
2013 – Prospection : Virginia
2013 – Soils : Virginia
2012 – DDH : Rio Silver
2012 – Prospection : Rio Silver
2011 – Prospection : Rio Silver
2011 – Soils : Rio Silver
2008 – Prospection : Everton
2000 – DDH: Noranda
2000 – Prospection : Noranda
2000 – Soils : Noranda
1996 – Prospection: Kennecott
1996 – Soils: Kennecott
1995 – DDH: Kennecott
1995 – Prospection: Kennecott
1995 – Soils: Kennecott
1994 – DDH: Kennecott
1994 – Prospection: Kennecott
1994 – Soils: Kennecott

2025 – CERTIFICATES: Midland

2025 – Prospection : Midland

Quality Analysis ... *Innovative Technologies*

Report No.: **A25-11083**
Report Date: **30-Sep-25**
Date Submitted: **05-Aug-25**
Your Reference: **Fosse Alliance**

MIDLAND EXPLORATION
132, BD Cure Labelle Suite 220
Rosemere QC J7A 2H1
Canada

ATTN: Jean-Francois Lariviere

CERTIFICATE OF ANALYSIS

93 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2025-09-12 11:53:16
UT-4	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2025-09-20 12:48:10

REPORT **A25-11083**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

Refer to the Scope of Accreditation for information on accredited elements.

SCC Accredited LAB Accrédité CCN TM

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	2	5	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131301	4	< 5	< 5	0.6	0.01	0.67	0.07	0.04	2.06	< 0.1	22	8	2310	19.4	< 0.1	1.6	0.2	1.5	< 0.1	< 0.05	0.10	1.1	0.10
C2131302	3	< 5	< 5	6.8	0.02	0.70	1.52	0.16	0.36	< 0.1	19	11	980	5.09	< 0.1	4.7	0.5	0.1	0.2	< 0.05	0.11	4.3	0.07
C2131303	4	< 5	< 5	1.1	< 0.01	0.35	0.35	< 0.01	0.84	< 0.1	4	8	1710	2.72	< 0.1	2.8	0.2	< 0.1	< 0.1	< 0.05	< 0.05	1.7	0.07
C2131304	7	< 5	< 5	6.2	< 0.01	2.42	2.05	0.01	4.16	0.2	27	21	> 10000	16.6	0.8	13.5	0.7	< 0.1	0.3	0.08	0.11	12.9	0.46
C2131305	86	< 5	< 5	< 0.5	< 0.01	0.02	0.04	< 0.01	0.02	< 0.1	1	6	586	1.58	< 0.1	2.0	0.2	< 0.1	< 0.1	< 0.05	0.06	0.8	< 0.05
C2131306	19	< 5	< 5	12.5	2.69	0.65	4.81	0.64	0.23	0.1	29	33	251	2.98	0.6	7.6	1.1	1.0	0.4	0.39	1.21	10.1	1.21
C2131307	2	< 5	< 5	5.1	0.02	0.80	0.84	0.02	0.19	< 0.1	28	34	243	1.78	< 0.1	15.7	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	3.9	< 0.05
C2131308	6	16	22	5.2	1.90	4.21	7.22	0.06	7.96	< 0.1	334	200	1430	9.41	0.8	75.8	2.2	0.4	0.8	< 0.05	0.11	46.5	0.85
C2131309	2	< 5	< 5	23.2	0.10	0.86	7.20	1.16	0.13	< 0.1	63	70	262	3.70	2.5	9.5	0.7	2.1	0.2	0.09	2.74	3.2	0.41
C2131310	4	< 5	< 5	5.4	0.04	0.13	1.66	0.98	0.07	< 0.1	9	13	137	3.58	1.9	4.2	0.2	0.5	< 0.1	0.16	0.85	7.1	0.17
C2131311	2	< 5	< 5	6.3	0.01	0.12	1.60	0.91	0.02	< 0.1	12	22	88	1.62	0.1	2.1	0.4	0.3	0.1	< 0.05	0.80	1.0	0.46
C2131351	5	< 5	< 5	1.7	0.08	0.71	0.16	0.01	3.11	< 0.1	8	11	2910	16.2	< 0.1	1.7	< 0.1	0.7	< 0.1	< 0.05	0.07	1.4	< 0.05
C2131352	2	< 5	< 5	< 0.5	< 0.01	0.49	0.02	0.01	1.05	< 0.1	2	9	954	2.79	< 0.1	2.8	0.1	0.2	< 0.1	< 0.05	0.16	1.9	< 0.05
C2131353	5	< 5	< 5	10.8	> 3.00	2.08	8.10	0.28	2.26	< 0.1	149	18	488	6.88	0.9	49.6	1.5	0.9	0.6	< 0.05	0.20	384	0.41
C2131354	< 2	< 5	< 5	14.4	0.05	1.07	3.48	0.77	0.15	< 0.1	38	16	1800	8.07	0.1	8.2	0.3	1.0	0.1	< 0.05	0.53	6.6	0.17
C2131355	6	< 5	< 5	11.4	0.05	0.99	2.58	0.90	1.07	0.2	31	35	9810	16.2	0.8	5.6	0.8	1.6	0.3	< 0.05	0.93	7.4	0.45
C2131356	32	< 5	< 5	0.8	< 0.01	0.09	0.20	0.02	0.15	< 0.1	4	9	238	3.90	< 0.1	7.2	0.2	< 0.1	< 0.1	0.15	0.06	5.7	0.16
C2131357	105	< 5	< 5	5.6	< 0.01	0.99	1.48	0.02	0.22	< 0.1	22	19	1410	15.5	0.3	25.6	0.3	< 0.1	0.1	0.33	0.32	19.1	0.21
C2131358	< 2	< 5	< 5	3.3	< 0.01	0.05	0.76	0.46	< 0.01	0.1	8	14	77	1.14	0.4	3.9	0.1	0.2	< 0.1	< 0.05	0.30	1.3	0.14
C2131359	18	< 5	< 5	3.0	0.74	0.16	1.49	0.19	0.28	0.2	11	16	215	2.49	0.2	9.1	0.6	0.3	0.3	0.33	0.15	10.3	0.60
C2131360	5	< 5	< 5	2.5	> 3.00	0.51	7.27	1.57	1.58	< 0.1	32	12	643	2.61	1.8	6.9	1.8	1.2	0.6	< 0.05	0.39	4.0	0.68
C2131361	5	< 5	< 5	4.0	0.92	0.43	2.00	0.24	0.65	< 0.1	31	13	189	1.37	0.2	6.3	0.4	0.2	0.1	< 0.05	0.11	3.5	0.14
C2131362	4	7	19	8.8	1.98	4.12	6.56	0.04	5.70	< 0.1	292	76	1440	10.2	1.4	59.2	2.4	0.2	0.8	0.07	0.15	43.7	0.89
C2131363	< 2	< 5	< 5	5.3	0.17	0.14	2.14	1.03	0.06	< 0.1	11	15	69	1.54	4.1	9.3	0.3	0.7	< 0.1	< 0.05	0.71	6.9	0.27
C2131364	9	< 5	< 5	3.4	0.30	0.11	1.69	0.75	0.03	< 0.1	11	22	89	5.53	2.7	8.8	0.3	0.3	0.1	0.47	0.56	7.7	0.17
C2131365	< 2	< 5	< 5	1.4	0.02	0.03	0.45	0.25	0.02	< 0.1	3	11	70	1.01	0.6	2.3	< 0.1	< 0.1	< 0.1	< 0.05	0.19	0.9	0.06
C2131366	2	< 5	< 5	7.1	0.02	0.14	1.73	1.04	0.03	< 0.1	11	17	75	1.20	0.1	2.6	0.2	0.4	< 0.1	< 0.05	0.75	0.6	0.26
C2131367	12	< 5	< 5	8.7	2.01	2.87	6.63	0.06	5.84	0.4	256	16	1570	10.7	0.5	15.0	2.3	0.3	0.8	0.26	< 0.05	55.5	0.90
C2131368	11	5	< 5	33.4	0.14	3.92	5.68	0.06	1.18	< 0.1	161	509	1410	19.5	3.5	351	1.6	0.3	0.6	0.07	0.36	105	1.44
C2131201	2	< 5	< 5	2.2	0.01	10.9	0.14	0.08	18.2	1.0	4	4	193	0.34	< 0.1	2.4	< 0.1	< 0.1	< 0.1	< 0.05	0.08	1.0	0.05
C2131202	7	< 5	< 5	1.1	< 0.01	1.35	0.02	< 0.01	2.06	< 0.1	6	10	1930	27.5	< 0.1	2.4	0.3	0.6	< 0.1	< 0.05	< 0.05	2.0	0.07
C2131203	3	< 5	< 5	23.8	2.77	0.81	6.53	1.34	1.55	< 0.1	38	30	550	3.62	11.1	16.8	1.7	1.2	0.7	< 0.05	2.93	45.2	1.85
C2131204	4	< 5	< 5	25.0	1.53	3.76	7.88	0.58	7.83	< 0.1	214	63	1230	7.41	0.9	68.9	1.5	0.2	0.5	< 0.05	0.22	32.2	0.72
C2131205	32	< 5	< 5	1.2	0.03	0.16	0.14	< 0.01	13.8	< 0.1	8	14	683	5.06	< 0.1	13.2	2.5	< 0.1	0.7	0.31	0.06	7.5	0.20
C2131206	2	< 5	< 5	7.9	0.10	0.51	4.67	1.19	0.75	< 0.1	45	36	388	2.37	0.1	4.2	0.6	1.5	0.2	< 0.05	2.19	2.5	0.25
C2131207	< 2	< 5	< 5	35.0	0.77	1.29	7.32	1.66	0.04	< 0.1	29	46	288	4.77	0.9	18.8	0.5	3.2	0.2	0.21	2.19	7.9	0.82
C2131208	5	< 5	< 5	6.3	< 0.01	0.74	1.53	0.11	0.31	< 0.1	23	18	2120	11.2	0.2	3.7	0.3	0.2	0.1	0.07	0.77	6.3	0.30
C2131209	2	< 5	< 5	5.0	0.02	0.27	1.37	0.50	0.04	< 0.1	15	43	350	2.34	0.7	4.0	0.2	0.4	< 0.1	< 0.05	0.26	1.7	0.21
C2131210	< 2	< 5	< 5	1.6	< 0.01	1.11	0.20	< 0.01	1.82	< 0.1	3	8	4310	6.84	< 0.1	2.3	< 0.1	0.5	< 0.1	< 0.05	< 0.05	2.4	0.05
C2131211	2	< 5	< 5	0.8	0.01	0.13	0.17	< 0.01	0.04	< 0.1	6	12	146	1.27	< 0.1	5.7	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	0.8	< 0.05
C2131212	29	80	28	12.1	1.10	4.46	7.26	0.03	7.50	1.0	268	182	1240	8.90	1.0	582	1.7	0.3	0.6	0.75	< 0.05	90.9	0.65
C2131213	18	< 5	< 5	10.1	1.45	4.04	7.30	0.04	7.16	0.1	337	122	1460	10.1	1.0	93.6	2.6	0.3	0.9	0.05	0.18	38.2	0.94
C2131214	< 2	< 5	< 5	9.6	0.01	1.63	2.00	< 0.01	2.20	< 0.1	112	10	609	4.18	< 0.1	15.9	< 0.1	< 0.1	< 0.1	< 0.05	0.14	5.3	< 0.05
C2131215	3	40	< 5	22.8	1.00	6.53	7.03	0.35	7.76	0.1	333	58	1580	9.46	2.8	289	5.3	0.4	2.0	< 0.05	0.31	50.5	0.77
C2131216	5	< 5	< 5	4.7	0.30	0.14	2.38	1.10	0.09	< 0.1	13	15	90	0.84	0.1	4.0	0.3	0.5	< 0.1	< 0.05	0.86	1.6	0.27
C2131217	< 2	< 5	< 5	3.8	0.03	0.08	1.04	0.61	0.03	< 0.1	8	12	74	1.35	1.4	3.5	0.2	0.2	< 0.1	0.15	0.55	1.5	0.15
C2131218	5	< 5	< 5	12.5	0.02	0.32	2.99	1.86	0.27	< 0.1	21	24	175	3.42	1.7	19.9	0.3	0.8	0.1	0.07	1.33	11.6	0.47
C2131219	2	< 5	< 5	6.3	0.21	0.12	2.02	1.07	0.06	< 0.1	13	19	170	1.45	1.8	5.0	0.3	0.3	< 0.1	< 0.05	0.75	3.1	0.34
C2131220	2	< 5	< 5	2.4	> 3.00	0.51	7.35	1.48	1.61	< 0.1	33	21	645	2.66	2.2	7.0	1.9	1.0	0.6	< 0.05	0.38	4.1	0.69
C2131221	< 2	< 5	< 5	5.1	0.26	0.08	1.65	0.81	< 0.01	< 0.1	8	12	77	1.28	1.0	2.0	0.2	0.3	< 0.1	< 0.05	0.60	1.1	0.19
C2131222	4	< 5	< 5	25.2	> 3.00	0.77	8.35	2.19	2.10	< 0.1	45	15	528	3.16	4.5	9.0	1.3	1.3	0.5	0.07	7.13	7.9	1.03

Analyte Symbol	Au	Pd	Pt	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	2	5	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131223	< 2	< 5	< 5	0.5	0.02	1.06	0.18	0.09	5.80	< 0.1	13	10	7550	8.39	< 0.1	2.8	0.7	1.1	0.3	< 0.05	3.94	2.4	0.67
C2131224	3	< 5	< 5	< 0.5	< 0.01	0.21	0.03	0.01	0.48	< 0.1	3	7	1530	3.05	< 0.1	2.0	0.2	0.2	< 0.1	< 0.05	0.48	1.1	0.17
C2131225	3	< 5	< 5	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	0.01	< 0.1	< 1	7	270	0.83	< 0.1	1.2	< 0.1	< 0.1	< 0.1	< 0.05	0.08	0.3	< 0.05
C2131226	2	< 5	< 5	< 0.5	< 0.01	0.01	0.02	< 0.01	< 0.01	< 0.1	1	7	84	0.91	< 0.1	1.2	< 0.1	< 0.1	< 0.1	< 0.05	0.35	0.2	< 0.05
C2131227	208	< 5	< 5	< 0.5	0.02	0.88	0.19	0.09	0.72	0.1	12	7	8790	11.7	0.1	2.2	0.2	0.2	< 0.1	< 0.05	4.79	3.2	0.14
C2131228	7	10	14	4.6	0.57	3.28	6.46	0.04	8.61	0.8	196	45	1240	6.77	0.6	57.5	1.3	0.1	0.4	0.22	< 0.05	32.8	0.68
C2131229	5	< 5	< 5	13.6	1.54	3.93	8.02	0.05	6.77	0.2	816	13	1920	12.3	1.4	24.9	2.5	0.2	0.9	0.34	0.06	37.3	0.78
C2131230	18	< 5	< 5	10.8	0.04	0.89	0.98	0.47	0.33	0.1	22	21	727	20.5	0.6	17.2	0.7	0.7	0.2	0.40	0.72	14.9	0.35
C2131251	8	< 5	< 5	1.0	< 0.01	0.38	0.03	0.01	1.18	< 0.1	4	7	747	28.3	< 0.1	1.0	0.1	1.0	< 0.1	< 0.05	0.07	0.9	0.06
C2131252	8	< 5	< 5	1.3	< 0.01	0.68	0.07	0.03	0.96	< 0.1	10	11	> 10000	23.3	< 0.1	1.9	0.9	1.1	0.3	< 0.05	0.55	6.5	0.55
C2131253	3	< 5	< 5	32.8	2.39	1.27	6.27	1.45	0.21	< 0.1	46	31	263	3.81	12.3	26.5	1.4	0.7	0.5	< 0.05	1.22	21.6	0.45
C2131254	4	5	< 5	30.9	> 3.00	4.01	7.64	1.20	4.59	< 0.1	229	238	880	9.99	1.0	92.1	1.3	0.7	0.5	< 0.05	2.42	72.4	1.18
C2131255	2	< 5	< 5	30.6	1.37	4.31	8.23	0.62	7.56	< 0.1	235	50	1340	7.83	1.0	82.7	1.5	0.2	0.5	0.07	0.47	40.5	0.73
C2131256	16	< 5	< 5	8.2	< 0.01	1.81	2.16	0.02	2.00	0.2	39	27	6610	19.9	0.6	10.7	0.6	0.2	0.2	0.12	0.17	13.9	0.39
C2131257	3	< 5	< 5	9.3	0.01	1.08	2.12	0.09	0.89	0.1	40	19	3440	11.9	0.2	5.1	0.2	0.2	< 0.1	< 0.05	0.35	7.0	0.14
C2131258	14	< 5	8	6.2	< 0.01	1.29	1.93	0.02	0.40	< 0.1	45	32	1740	13.3	0.6	17.0	0.6	0.2	0.2	0.14	0.16	11.2	0.34
C2131259	176	< 5	< 5	1.7	0.02	3.35	0.13	0.06	12.0	0.3	3	9	7900	19.9	< 0.1	56.5	1.8	0.2	0.5	2.41	0.19	136	0.58
C2131260	5	< 5	< 5	2.4	> 3.00	0.51	7.46	1.34	1.63	< 0.1	34	14	678	2.64	2.1	7.0	1.7	0.8	0.5	< 0.05	0.38	4.0	0.70
C2131261	4	< 5	< 5	50.7	0.32	4.66	8.62	0.42	6.22	< 0.1	348	152	1960	13.5	1.0	93.8	3.1	0.5	1.1	0.06	5.39	59.2	1.33
C2131262	< 2	11	6	39.2	1.51	5.94	9.12	0.02	5.40	0.2	192	59	1390	8.27	1.2	240	2.1	0.1	0.8	< 0.05	0.13	52.8	0.64
C2131263	7550	< 5	< 5	12.7	< 0.01	2.59	2.91	< 0.01	1.04	2.9	150	285	629	6.25	0.3	94.4	1.9	< 0.1	0.7	5.18	0.05	280	0.36
C2131264	13	5	9	15.8	1.67	5.55	8.24	0.04	7.97	0.3	217	225	1220	7.14	0.6	173	1.2	0.4	0.4	0.21	0.05	45.8	0.46
C2131265	6	< 5	< 5	13.6	2.01	4.42	7.49	0.05	5.83	< 0.1	408	165	1430	8.87	1.0	90.4	2.9	0.2	1.0	< 0.05	0.14	42.5	0.84
C2131266	3	< 5	< 5	38.1	0.36	6.66	8.17	0.61	3.92	0.1	173	95	1820	11.3	0.3	180	0.6	0.2	0.2	< 0.05	0.38	53.5	0.22
C2131267	< 2	< 5	< 5	2.0	0.44	0.06	1.06	0.29	0.29	< 0.1	6	12	184	1.00	0.1	5.6	0.6	0.2	0.2	< 0.05	0.27	1.7	0.50
C2131268	7	< 5	< 5	3.5	0.23	0.09	1.72	0.80	0.04	< 0.1	9	14	129	1.35	0.4	2.9	0.2	0.3	< 0.1	< 0.05	0.50	1.1	0.14
C2131269	< 2	< 5	< 5	2.4	0.16	0.07	1.06	0.50	0.39	< 0.1	7	22	180	1.20	0.6	3.6	0.2	0.2	< 0.1	0.05	0.42	1.6	0.15
C2131270	< 2	< 5	< 5	11.8	0.03	0.26	3.76	1.44	0.10	< 0.1	26	34	132	2.61	2.3	12.6	0.4	0.9	0.2	< 0.05	1.77	6.2	0.68
C2131271	< 2	< 5	< 5	1.4	0.01	0.04	0.41	0.23	0.10	< 0.1	3	12	123	1.19	0.7	4.0	0.3	< 0.1	0.1	0.08	0.15	2.2	0.13
C2131272	< 2	< 5	< 5	1.9	0.15	0.04	0.85	0.39	0.07	< 0.1	5	10	154	0.93	0.5	1.9	0.3	0.1	0.1	0.08	0.26	0.6	1.65
C2131273	< 2	< 5	< 5	7.2	0.28	0.12	1.84	0.95	0.04	< 0.1	12	17	132	1.77	1.9	7.0	0.2	0.5	< 0.1	0.13	1.00	3.9	0.20
C2131274	4	< 5	< 5	11.8	0.84	3.97	6.28	0.05	8.00	0.2	937	13	1750	13.5	0.6	68.9	1.7	0.2	0.6	0.12	0.06	69.3	0.60
C2131275	< 2	< 5	< 5	< 0.5	0.01	0.50	0.11	0.05	2.28	< 0.1	7	17	3630	4.38	< 0.1	2.4	0.4	0.3	0.1	< 0.05	2.42	1.5	0.25
C2131276	319	< 5	< 5	0.9	0.02	1.11	0.36	0.18	0.32	0.1	30	12	> 10000	18.3	0.3	5.6	0.5	0.4	0.2	0.09	7.44	5.8	0.21
C2131277	5	< 5	< 5	< 0.5	< 0.01	0.96	0.18	0.09	0.67	< 0.1	12	15	7600	12.1	0.2	5.2	0.3	0.5	0.1	< 0.05	4.54	4.5	0.28
C2131278	14	< 5	< 5	< 0.5	< 0.01	0.18	0.21	0.10	0.08	< 0.1	13	9	407	3.35	< 0.1	2.5	< 0.1	< 0.1	< 0.1	< 0.05	5.19	1.5	< 0.05
C2131279	552	< 5	< 5	< 0.5	0.01	0.62	0.22	0.12	1.97	< 0.1	15	10	3300	8.83	< 0.1	3.0	0.3	0.4	0.1	< 0.05	5.17	2.8	0.17
C2131280	1080	441	286	12.1	1.44	6.00	6.95	0.43	4.91	112	110	272	1450	12.2	1.1	2840	0.9	0.4	0.3	> 100	0.89	197	0.79
C2131281	7	< 5	< 5	< 0.5	< 0.01	1.92	0.33	0.17	1.73	0.2	21	14	> 10000	30.0	0.2	3.9	0.8	0.9	0.2	0.14	7.81	6.4	0.43
C2131282	8	< 5	< 5	44.9	0.71	0.78	5.80	2.38	0.15	0.4	27	15	490	2.56	1.6	11.1	2.5	2.6	0.8	0.20	6.25	2.8	0.85
C2131283	< 2	< 5	< 5	2.2	1.98	0.48	3.35	0.07	1.05	< 0.1	54	16	231	1.44	0.9	10.6	0.4	0.2	0.1	< 0.05	0.17	4.9	0.25
C2131284	3	< 5	7	18.6	0.04	4.10	5.61	0.88	1.12	< 0.1	179	157	1110	5.89	0.4	93.7	0.5	0.2	0.2	< 0.05	0.33	30.7	0.08

Analyte Symbol	Bi	Se	Zn	Ga	As	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.1	0.2	0.1	0.1	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131301	0.02	< 0.1	8.3	0.9	4.9	1.4	1.7	6	2.1	0.47	< 0.1	< 1	0.2	< 0.1	3	1.4	3.5	0.3	1.2	0.3	0.3	< 0.1	0.2
C2131302	< 0.02	< 0.1	41.1	5.3	1.4	6.1	5.0	< 1	0.6	0.50	< 0.1	< 1	< 0.1	< 0.1	33	0.2	0.4	< 0.1	0.2	0.1	0.2	< 0.1	0.7
C2131303	0.30	0.1	17.7	1.1	1.4	0.3	1.7	2	0.7	0.76	< 0.1	< 1	< 0.1	0.4	1	0.8	1.3	0.2	1.0	0.3	0.4	< 0.1	0.3
C2131304	0.05	0.5	88.0	4.8	1.3	0.6	7.0	31	2.9	0.25	< 0.1	< 1	0.1	< 0.1	3	8.6	13.6	2.0	7.6	1.7	2.0	0.2	1.5
C2131305	< 0.02	< 0.1	8.0	0.1	0.8	0.2	1.7	< 1	0.4	0.51	< 0.1	< 1	< 0.1	< 0.1	4	0.2	0.5	< 0.1	0.3	0.1	0.2	< 0.1	0.3
C2131306	0.02	0.2	28.5	12.2	3.8	25.8	12.2	20	1.6	0.44	< 0.1	< 1	< 0.1	< 0.1	239	185	356	34.4	108	14.0	7.8	0.8	3.0
C2131307	< 0.02	< 0.1	16.8	2.0	1.0	0.8	0.7	3	0.5	0.55	< 0.1	< 1	< 0.1	< 0.1	5	0.4	0.9	< 0.1	0.3	0.1	0.1	< 0.1	< 0.1
C2131308	0.46	0.9	81.9	16.8	0.6	0.6	18.4	21	2.0	0.34	0.3	2	0.2	< 0.1	7	2.8	7.8	1.2	6.4	2.0	3.1	0.5	3.4
C2131309	0.22	0.2	56.8	20.4	0.6	100	5.9	90	1.8	0.66	< 0.1	2	< 0.1	< 0.1	394	11.1	23.6	2.7	9.1	1.5	1.5	0.2	1.2
C2131310	0.70	0.3	14.4	4.3	0.8	48.3	1.8	71	2.8	0.69	< 0.1	1	0.1	< 0.1	194	4.8	9.8	1.1	3.6	0.4	0.4	< 0.1	0.3
C2131311	0.07	0.4	14.6	3.6	0.7	43.1	3.6	24	1.1	0.51	< 0.1	< 1	< 0.1	< 0.1	189	15.7	31.0	3.4	12.0	1.8	1.3	0.2	0.8
C2131351	< 0.02	< 0.1	5.4	0.6	6.7	0.7	0.7	5	1.6	0.66	< 0.1	< 1	0.1	< 0.1	14	1.2	2.7	0.2	0.8	< 0.1	0.1	< 0.1	0.2
C2131352	< 0.02	0.1	4.8	0.5	3.4	0.5	1.2	1	0.5	0.49	< 0.1	< 1	< 0.1	< 0.1	4	0.4	0.9	0.1	0.4	0.1	0.1	< 0.1	0.2
C2131353	0.71	1.8	33.4	16.2	52.2	6.2	14.3	28	3.4	0.35	< 0.1	2	< 0.1	< 0.1	88	2.2	5.2	0.7	3.3	1.4	2.0	0.4	2.6
C2131354	< 0.02	< 0.1	82.2	10.4	1.2	33.9	2.6	4	1.3	0.35	< 0.1	< 1	< 0.1	< 0.1	167	3.4	6.3	0.8	3.0	0.8	0.9	0.1	0.6
C2131355	0.02	0.1	81.1	7.3	1.0	41.7	7.1	36	2.8	2.34	0.1	< 1	< 0.1	< 0.1	352	9.0	16.6	2.2	7.9	1.5	1.8	0.3	1.3
C2131356	0.04	1.2	12.9	0.6	1.2	0.8	2.5	2	0.5	0.50	< 0.1	< 1	< 0.1	< 0.1	4	1.6	2.7	0.4	1.8	0.5	0.7	< 0.1	0.5
C2131357	0.08	4.0	78.2	3.5	1.0	1.2	3.9	12	1.6	0.81	< 0.1	< 1	< 0.1	0.3	5	5.2	9.4	1.3	5.0	1.0	1.2	0.2	0.8
C2131358	0.05	0.2	27.6	1.8	0.9	18.2	1.3	11	1.1	0.62	< 0.1	< 1	0.1	< 0.1	91	3.4	6.6	0.8	2.6	0.5	0.5	< 0.1	0.2
C2131359	0.04	0.3	27.0	5.6	10.3	8.0	6.8	13	0.9	0.88	< 0.1	< 1	< 0.1	0.1	30	30.2	60.8	6.3	21.7	3.5	3.1	0.3	1.5
C2131360	0.05	< 0.1	33.8	13.4	2.3	36.1	15.5	60	4.8	3.12	< 0.1	2	0.3	< 0.1	795	13.5	25.7	3.0	11.6	2.3	2.6	0.4	2.5
C2131361	< 0.02	0.1	13.3	3.0	1.1	9.4	3.1	7	1.1	0.72	< 0.1	< 1	< 0.1	< 0.1	49	0.4	0.9	0.1	0.6	0.3	0.4	< 0.1	0.6
C2131362	0.50	1.3	83.7	18.8	0.4	0.4	20.9	38	2.7	0.39	0.2	2	0.4	< 0.1	7	3.2	9.1	1.4	7.2	2.4	3.2	0.6	3.8
C2131363	0.08	< 0.1	16.7	4.8	0.9	52.4	3.1	153	4.5	0.77	< 0.1	2	< 0.1	< 0.1	181	6.3	13.6	1.5	5.5	1.2	0.8	0.1	0.6
C2131364	1.51	0.4	10.2	3.2	91.7	35.8	2.5	111	3.1	0.55	< 0.1	1	0.2	0.2	58	7.1	14.7	1.6	5.8	0.9	0.7	< 0.1	0.5
C2131365	0.12	< 0.1	7.8	1.2	3.5	11.2	0.5	21	1.2	0.51	< 0.1	< 1	< 0.1	< 0.1	66	2.2	4.5	0.5	1.6	0.3	0.2	< 0.1	< 0.1
C2131366	0.04	< 0.1	17.8	3.9	1.9	48.4	2.3	19	0.9	0.44	< 0.1	< 1	< 0.1	< 0.1	213	9.6	18.7	1.9	6.8	1.1	0.9	0.1	0.5
C2131367	0.02	2.2	79.5	15.3	1.1	0.8	19.8	16	0.2	0.12	< 0.1	< 1	< 0.1	< 0.1	13	4.4	10.6	1.5	7.3	2.5	3.5	0.6	3.5
C2131368	0.27	1.4	70.2	20.1	1.0	2.5	17.1	135	5.2	0.24	< 0.1	2	< 0.1	< 0.1	14	36.3	74.6	9.1	34.0	5.8	5.0	0.6	3.3
C2131201	< 0.02	< 0.1	194	0.4	0.8	2.7	0.6	2	0.2	0.24	< 0.1	< 1	< 0.1	< 0.1	28	0.9	2.1	0.2	0.9	0.1	< 0.1	< 0.1	< 0.1
C2131202	< 0.02	< 0.1	9.2	0.1	3.5	0.2	1.9	1	0.6	0.47	< 0.1	< 1	< 0.1	< 0.1	7	1.1	2.6	0.3	1.3	0.2	0.3	< 0.1	0.4
C2131203	0.10	0.5	18.9	15.8	0.9	111	17.5	392	8.2	0.34	< 0.1	2	< 0.1	< 0.1	536	95.7	195	20.9	71.2	10.8	6.6	0.8	3.7
C2131204	0.18	< 0.1	51.9	17.3	0.5	14.1	13.2	31	0.5	0.18	< 0.1	< 1	< 0.1	< 0.1	134	2.9	8.3	1.2	6.1	1.8	2.4	0.4	2.5
C2131205	0.26	1.9	17.5	0.6	0.4	0.6	20.6	2	0.7	14.2	0.1	< 1	< 0.1	0.4	11	0.2	0.6	< 0.1	0.6	0.3	1.0	0.3	2.3
C2131206	0.04	0.6	25.4	12.8	0.8	68.5	5.0	11	2.5	0.44	< 0.1	< 1	< 0.1	< 0.1	241	4.5	9.7	1.0	4.0	0.9	1.0	0.2	1.1
C2131207	0.09	< 0.1	63.4	22.9	0.3	80.3	4.9	29	0.2	0.07	< 0.1	< 1	< 0.1	< 0.1	1030	34.6	66.1	7.3	25.4	4.2	3.0	0.3	1.3
C2131208	0.04	0.7	68.3	4.4	0.6	9.2	3.6	9	2.3	0.60	< 0.1	< 1	< 0.1	< 0.1	28	5.3	9.8	1.3	5.0	1.2	1.1	0.2	0.8
C2131209	< 0.02	< 0.1	26.8	4.0	1.4	21.5	1.6	24	2.0	0.57	< 0.1	< 1	< 0.1	< 0.1	109	9.0	16.9	1.9	6.7	1.2	0.8	< 0.1	0.3
C2131210	0.04	< 0.1	8.8	0.6	2.3	0.5	1.0	5	0.8	0.58	< 0.1	< 1	< 0.1	< 0.1	8	0.7	1.5	0.1	0.5	0.1	0.1	< 0.1	0.1
C2131211	< 0.02	< 0.1	6.8	0.4	1.3	0.4	< 0.1	< 1	0.6	0.69	< 0.1	< 1	< 0.1	< 0.1	2	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
C2131212	0.06	3.6	80.5	16.1	0.6	0.2	15.1	30	2.2	0.29	0.1	< 1	0.1	< 0.1	4	3.1	8.1	1.2	5.7	1.6	2.3	0.4	2.8
C2131213	0.74	0.8	87.9	20.9	0.2	0.4	23.0	31	1.7	0.28	0.1	3	0.2	< 0.1	4	3.9	10.8	1.7	8.1	2.7	3.7	0.6	4.1
C2131214	< 0.02	< 0.1	48.3	6.0	0.4	< 0.2	0.5	< 1	0.4	0.62	< 0.1	< 1	< 0.1	< 0.1	2	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
C2131215	0.18	0.5	88.4	17.7	1.1	10.8	48.1	85	6.3	0.28	0.1	< 1	0.4	< 0.1	43	14.3	44.2	7.0	33.5	9.1	11.5	1.7	10.2
C2131216	0.03	0.1	19.2	5.1	85.2	52.7	2.8	14	1.1	0.36	< 0.1	3	0.2	< 0.1	231	9.2	18.6	1.9	7.0	1.1	0.7	0.1	0.5
C2131217	0.67	< 0.1	9.7	2.4	0.8	30.0	1.3	52	2.6	0.44	< 0.1	< 1	0.1	0.1	117	5.5	10.9	1.2	4.3	0.8	0.5	< 0.1	0.3
C2131218	0.17	0.2	22.3	7.7	1.0	85.6	3.1	58	4.8	0.57	< 0.1	2	0.1	< 0.1	242	19.2	36.5	4.0	14.1	2.2	1.6	0.2	0.8
C2131219	0.04	< 0.1	13.8	4.4	0.5	47.4	2.6	71	3.0	0.58	< 0.1	< 1	< 0.1	< 0.1	204	9.3	18.8	2.0	7.5	1.3	1.0	0.1	0.6
C2131220	0.04	< 0.1	34.1	13.0	2.4	35.3	15.4	65	3.9	2.95	< 0.1	2	0.2	< 0.1	806	13.0	25.9	3.0	10.8	2.3	2.6	0.4	2.5
C2131221	0.05	< 0.1	16.4	3.2	0.8	35.5	2.1	20	1.1	0.44	< 0.1	< 1	< 0.1	< 0.1	154	4.4	8.8	1.0	3.8	0.8	0.6	< 0.1	0.4
C2131222	0.32	0.5	54.0	19.3	1.8	81.6	12.1	165	5.6	7.37	< 0.1	1	1.3	< 0.1	915	26.3	56.6	6.2	23.2	4.0	3.0	0.4	2.2

Analyte Symbol	Bi	Se	Zn	Ga	As	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.1	0.2	0.1	0.1	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131223	0.03	< 0.1	11.0	0.9	5.4	6.5	8.7	5	1.5	0.48	< 0.1	< 1	0.2	< 0.1	18	2.2	5.1	0.9	4.3	1.3	1.5	0.2	1.2
C2131224	< 0.02	< 0.1	11.0	0.2	1.4	0.8	2.7	< 1	0.6	0.37	< 0.1	< 1	0.2	< 0.1	3	1.0	2.1	0.4	1.5	0.5	0.5	< 0.1	0.3
C2131225	< 0.02	< 0.1	4.3	0.1	3.8	< 0.2	< 0.1	< 1	0.4	0.58	< 0.1	< 1	< 0.1	< 0.1	< 1	0.2	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1
C2131226	< 0.02	0.2	3.0	< 0.1	0.9	0.6	< 0.1	< 1	0.4	0.36	< 0.1	< 1	< 0.1	< 0.1	2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
C2131227	0.02	0.4	19.6	0.7	1.9	7.2	2.6	5	1.6	0.49	< 0.1	< 1	0.1	< 0.1	15	2.7	4.9	0.6	2.5	0.5	0.5	< 0.1	0.4
C2131228	< 0.02	0.4	62.4	16.6	16.2	0.6	11.0	20	0.7	0.19	< 0.1	< 1	0.2	< 0.1	6	1.8	4.6	0.7	3.4	1.0	1.5	0.3	2.0
C2131229	0.03	3.5	84.2	19.4	17.4	0.5	20.8	52	2.8	0.40	< 0.1	< 1	< 0.1	< 0.1	10	3.9	9.6	1.5	7.2	2.5	3.6	0.6	4.0
C2131230	0.66	7.1	43.3	2.2	1.1	15.6	8.9	22	1.8	0.51	< 0.1	< 1	1.2	0.6	60	8.1	15.1	1.7	6.9	1.2	1.5	0.2	1.2
C2131251	< 0.02	< 0.1	3.6	0.7	6.2	0.6	1.1	2	0.8	0.46	< 0.1	< 1	0.1	< 0.1	3	0.7	2.6	0.2	0.8	0.2	0.2	< 0.1	0.2
C2131252	0.03	0.2	4.8	0.9	21.5	1.5	8.8	7	2.2	1.53	< 0.1	< 1	0.3	0.2	1310	13.0	15.3	2.1	9.0	1.5	2.1	0.2	1.4
C2131253	0.03	< 0.1	25.2	16.2	1.4	55.0	15.9	465	6.8	0.72	< 0.1	1	< 0.1	< 0.1	546	17.4	38.4	4.4	16.7	2.9	2.7	0.4	2.3
C2131254	0.10	0.3	47.2	16.6	2.4	63.0	13.0	34	3.0	0.33	< 0.1	< 1	< 0.1	< 0.1	98	10.0	19.6	2.5	10.9	2.7	3.2	0.5	2.8
C2131255	0.13	0.2	69.1	16.2	1.7	20.7	12.6	32	2.2	0.44	< 0.1	< 1	< 0.1	< 0.1	151	3.1	7.7	1.2	5.8	1.7	2.5	0.4	2.5
C2131256	0.08	0.6	112	5.5	0.3	1.1	6.4	23	3.6	0.43	< 0.1	< 1	< 0.1	0.2	6	18.6	32.7	4.1	14.2	2.2	1.9	0.2	1.2
C2131257	0.04	0.1	79.0	6.3	0.5	6.0	3.1	6	2.0	0.44	< 0.1	< 1	< 0.1	< 0.1	23	2.4	4.4	0.6	2.3	0.5	0.5	< 0.1	0.5
C2131258	0.33	2.1	63.3	5.1	0.8	1.7	6.1	24	3.0	1.45	< 0.1	< 1	< 0.1	0.4	8	12.5	20.8	2.6	10.0	1.7	1.6	0.2	1.0
C2131259	0.37	4.5	27.0	0.4	1.9	2.6	13.7	< 1	0.2	0.25	< 0.1	< 1	0.9	1.4	25	2.1	4.0	0.6	2.4	0.7	1.2	0.3	1.9
C2131260	0.04	< 0.1	36.8	13.4	2.4	33.9	15.8	64	5.1	3.58	< 0.1	2	0.2	< 0.1	795	12.8	26.1	2.9	11.3	2.5	2.5	0.4	2.5
C2131261	0.05	0.6	117	26.4	1.3	37.3	27.0	36	0.5	0.16	0.1	< 1	< 0.1	< 0.1	44	4.4	11.9	1.8	9.0	3.0	4.3	0.8	4.7
C2131262	0.04	0.3	101	15.1	8.2	0.9	18.6	43	1.5	0.16	< 0.1	< 1	0.2	< 0.1	6	3.7	10.2	1.7	7.9	2.4	3.2	0.6	3.6
C2131263	17.4	4.8	110	6.1	541	0.3	15.2	8	0.3	0.25	0.7	2	0.1	0.4	3	2.1	6.2	1.0	5.7	1.9	2.9	0.5	3.2
C2131264	0.07	0.6	71.5	15.6	36.7	0.8	10.5	15	1.7	0.53	< 0.1	< 1	0.7	< 0.1	8	1.8	4.9	0.7	3.9	1.3	1.8	0.3	1.8
C2131265	0.14	1.0	89.1	17.7	1.6	1.4	25.3	31	3.8	0.38	0.2	3	0.3	< 0.1	9	4.4	12.0	1.8	9.5	2.9	4.2	0.8	4.7
C2131266	0.03	0.4	132	12.4	8.2	16.7	4.6	8	0.9	0.35	< 0.1	< 1	0.3	< 0.1	253	0.7	2.0	0.3	1.6	0.5	0.7	0.1	0.9
C2131267	0.12	< 0.1	13.2	2.1	1.5	11.2	6.4	5	1.0	0.54	< 0.1	< 1	0.1	< 0.1	51	10.2	21.0	2.6	10.6	2.4	2.0	0.2	1.1
C2131268	< 0.02	< 0.1	11.2	3.3	6.2	38.4	2.4	18	1.6	0.58	< 0.1	3	< 0.1	< 0.1	180	4.4	9.6	1.0	3.6	0.8	0.5	< 0.1	0.4
C2131269	0.18	< 0.1	10.4	2.4	0.9	23.6	2.3	29	1.4	0.61	< 0.1	< 1	0.1	< 0.1	106	4.1	8.5	1.0	3.3	0.5	0.4	< 0.1	0.3
C2131270	0.09	0.4	33.6	8.3	0.6	81.1	3.8	99	6.6	0.87	< 0.1	2	0.2	< 0.1	430	23.7	47.8	5.2	18.4	2.6	1.8	0.2	0.9
C2131271	0.31	0.2	6.8	1.0	1.1	11.8	3.4	25	1.4	0.58	< 0.1	< 1	0.1	< 0.1	47	3.5	7.5	0.8	2.9	0.5	0.4	< 0.1	0.5
C2131272	0.28	< 0.1	7.1	1.6	0.9	19.0	3.2	15	1.5	0.43	< 0.1	< 1	< 0.1	< 0.1	108	65.4	125	13.1	45.1	7.2	4.4	0.4	1.4
C2131273	0.26	0.2	17.1	4.0	0.7	43.4	2.4	72	2.5	0.71	< 0.1	< 1	0.1	< 0.1	182	6.4	12.6	1.4	4.7	0.7	0.7	< 0.1	0.5
C2131274	0.06	0.3	106	19.7	1.3	1.1	14.9	15	0.5	0.32	< 0.1	< 1	< 0.1	< 0.1	5	2.4	6.1	1.0	4.9	1.8	2.4	0.4	2.7
C2131275	0.03	< 0.1	4.6	0.4	2.4	2.6	4.5	1	0.9	0.47	< 0.1	< 1	0.1	< 0.1	12	0.9	2.1	0.3	1.6	0.5	0.7	0.1	0.7
C2131276	0.06	0.7	23.6	1.6	0.8	16.0	5.5	13	3.0	0.70	< 0.1	< 1	0.2	< 0.1	36	5.0	9.1	1.2	4.6	0.8	0.9	0.1	0.7
C2131277	< 0.02	0.5	11.1	0.9	0.6	6.9	4.5	6	1.8	0.59	< 0.1	< 1	0.1	< 0.1	13	3.2	6.0	0.8	3.3	0.6	0.8	< 0.1	0.5
C2131278	< 0.02	0.2	40.4	1.1	0.9	7.6	0.5	< 1	0.6	0.43	< 0.1	< 1	< 0.1	< 0.1	23	0.2	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1
C2131279	0.03	0.4	18.4	1.0	0.9	8.5	3.9	2	1.0	0.51	< 0.1	< 1	< 0.1	< 0.1	20	1.6	2.8	0.4	1.5	0.4	0.5	< 0.1	0.5
C2131280	3.04	9.4	> 10000	15.8	1730	15.2	8.0	42	1.8	4.17	0.3	8	21.3	< 0.1	245	10.6	20.4	2.5	9.5	1.8	1.9	0.3	1.6
C2131281	0.02	0.1	62.6	1.4	1.9	12.1	8.1	9	2.5	0.54	< 0.1	< 1	0.1	< 0.1	28	9.9	16.8	2.0	7.3	1.4	1.4	0.2	1.1
C2131282	0.31	0.5	104	15.8	1.4	114	20.1	117	2.6	1.99	< 0.1	1	0.7	< 0.1	554	36.3	76.1	9.0	32.0	5.4	4.3	0.6	3.8
C2131283	0.03	< 0.1	13.4	6.6	1.3	2.6	3.8	25	1.3	0.30	< 0.1	< 1	0.1	< 0.1	32	3.2	6.8	0.8	2.9	0.5	0.6	< 0.1	0.6
C2131284	< 0.02	0.2	68.3	12.2	8.8	23.7	5.0	12	1.0	0.68	< 0.1	< 1	< 0.1	< 0.1	316	1.4	2.9	0.3	1.5	0.5	0.6	0.1	0.9

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	Sr	W	Re	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131301	27.3	< 0.1	< 0.1	0.2	< 0.1	< 0.1	4.5	1.0	< 0.001	< 0.05	0.6	0.1	< 0.1
C2131302	4.6	< 0.1	< 0.1	0.5	< 0.1	< 0.1	9.6	0.2	< 0.001	< 0.05	1.9	< 0.1	0.1
C2131303	12.2	< 0.1	< 0.1	0.1	< 0.1	< 0.1	20.7	< 0.1	< 0.001	< 0.05	1.6	0.2	< 0.1
C2131304	105	< 0.1	0.1	0.8	0.1	0.2	90.4	0.1	0.001	< 0.05	3.5	3.1	0.7
C2131305	16.3	< 0.1	< 0.1	0.2	< 0.1	< 0.1	1.3	< 0.1	< 0.001	< 0.05	1.0	< 0.1	< 0.1
C2131306	690	< 0.1	0.1	0.8	0.2	< 0.1	24.0	0.1	< 0.001	0.12	2.4	7.3	1.2
C2131307	5.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.0	0.1	< 0.001	< 0.05	0.8	< 0.1	< 0.1
C2131308	356	< 0.1	0.3	2.0	0.3	< 0.1	94.2	0.1	0.002	< 0.05	2.5	0.2	0.2
C2131309	12.7	< 0.1	< 0.1	0.9	0.1	< 0.1	33.9	< 0.1	< 0.001	0.64	14.1	13.6	2.0
C2131310	63.4	< 0.1	< 0.1	0.2	< 0.1	0.2	6.0	0.2	0.002	0.19	33.7	3.4	0.5
C2131311	14.7	< 0.1	< 0.1	0.4	< 0.1	< 0.1	5.3	< 0.1	< 0.001	0.20	3.5	7.2	1.2
C2131351	8.9	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	10.0	0.3	< 0.001	< 0.05	0.8	0.1	0.1
C2131352	3.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	4.7	< 0.1	< 0.001	< 0.05	1.0	< 0.1	0.4
C2131353	6.3	0.2	0.2	1.4	0.2	0.2	109	0.3	0.008	< 0.05	3.3	0.2	0.5
C2131354	5.9	< 0.1	< 0.1	0.3	< 0.1	< 0.1	14.5	0.3	< 0.001	0.16	2.2	0.8	< 0.1
C2131355	7.5	< 0.1	0.1	1.0	0.1	0.2	40.2	0.7	< 0.001	0.24	3.7	3.2	0.8
C2131356	163	< 0.1	< 0.1	0.1	< 0.1	< 0.1	5.1	< 0.1	< 0.001	< 0.05	1.1	0.2	< 0.1
C2131357	376	< 0.1	< 0.1	0.3	< 0.1	0.2	6.7	2.8	< 0.001	< 0.05	1.6	2.3	0.5
C2131358	17.7	< 0.1	< 0.1	0.1	< 0.1	< 0.1	3.6	0.1	< 0.001	0.07	9.2	1.5	0.3
C2131359	452	< 0.1	< 0.1	0.4	< 0.1	< 0.1	18.2	< 0.1	< 0.001	< 0.05	2.0	2.5	0.7
C2131360	24.7	0.5	0.2	2.0	0.3	0.4	213	0.4	< 0.001	0.16	2.9	3.0	1.4
C2131361	80.1	< 0.1	< 0.1	0.3	< 0.1	< 0.1	4.5	1.4	0.001	< 0.05	0.9	< 0.1	< 0.1
C2131362	364	0.5	0.3	2.3	0.3	0.2	70.0	< 0.1	< 0.001	< 0.05	2.4	0.3	0.2
C2131363	41.0	< 0.1	< 0.1	0.4	< 0.1	0.3	12.4	0.3	< 0.001	0.21	10.1	5.9	2.0
C2131364	49.6	< 0.1	< 0.1	0.2	< 0.1	0.2	13.2	0.2	0.002	0.15	76.8	4.7	0.9
C2131365	10.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.9	< 0.1	< 0.001	0.05	5.5	1.2	0.2
C2131366	6.9	< 0.1	< 0.1	0.3	< 0.1	< 0.1	5.9	< 0.1	< 0.001	0.21	3.0	4.8	0.8
C2131367	768	0.1	0.3	2.4	0.4	< 0.1	71.4	< 0.1	0.005	< 0.05	3.3	0.5	1.3
C2131368	418	0.1	0.2	1.5	0.2	0.1	13.4	0.2	0.002	< 0.05	5.6	3.7	1.2
C2131201	6.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	129	< 0.1	< 0.001	0.08	5.2	0.2	0.3
C2131202	5.9	0.1	< 0.1	0.2	< 0.1	< 0.1	11.4	1.0	< 0.001	< 0.05	0.6	< 0.1	< 0.1
C2131203	2.8	0.2	0.3	1.8	0.3	0.7	101	0.4	< 0.001	0.55	6.9	27.7	3.8
C2131204	232	0.3	0.2	1.5	0.2	< 0.1	203	< 0.1	0.002	0.06	4.5	0.3	< 0.1
C2131205	> 10000	< 0.1	0.4	2.8	0.5	< 0.1	34.3	0.6	0.005	< 0.05	4.2	< 0.1	< 0.1
C2131206	140	0.1	< 0.1	0.6	< 0.1	< 0.1	46.5	0.3	< 0.001	0.37	3.9	7.4	0.7
C2131207	18.9	0.3	< 0.1	0.5	< 0.1	< 0.1	35.8	< 0.1	< 0.001	0.39	2.7	11.8	1.2
C2131208	120	< 0.1	< 0.1	0.3	< 0.1	0.2	9.9	0.2	< 0.001	0.09	1.2	1.8	0.3
C2131209	8.1	0.4	< 0.1	0.2	< 0.1	0.1	4.6	0.3	< 0.001	0.09	1.3	3.2	0.4
C2131210	21.0	< 0.1	< 0.1	0.1	< 0.1	< 0.1	11.5	0.2	0.002	0.06	1.1	0.3	< 0.1
C2131211	31.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	2.0	< 0.1	< 0.001	< 0.05	1.4	< 0.1	< 0.1
C2131212	1380	0.3	0.2	1.8	0.2	0.1	131	0.2	0.005	< 0.05	4.8	0.4	0.1
C2131213	237	0.2	0.4	2.6	0.3	< 0.1	99.2	< 0.1	0.003	< 0.05	2.3	0.4	0.1
C2131214	5.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	2.8	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1
C2131215	20.5	0.5	0.6	4.2	0.6	0.5	88.8	0.1	0.002	0.05	3.3	1.0	0.2
C2131216	3.5	0.2	< 0.1	0.3	< 0.1	< 0.1	16.1	< 0.1	< 0.001	0.23	4.9	8.2	1.2
C2131217	13.5	< 0.1	< 0.1	0.2	< 0.1	0.2	3.6	< 0.1	< 0.001	0.12	18.9	2.9	0.4
C2131218	39.6	< 0.1	< 0.1	0.3	< 0.1	0.3	29.8	0.3	< 0.001	0.34	17.4	5.3	0.9
C2131219	11.2	< 0.1	< 0.1	0.3	< 0.1	0.2	8.7	0.1	< 0.001	0.19	5.1	5.2	1.0
C2131220	22.0	0.2	0.3	2.0	0.3	0.3	217	0.3	< 0.001	0.15	2.6	2.9	1.3
C2131221	11.1	< 0.1	< 0.1	0.3	< 0.1	< 0.1	5.7	< 0.1	< 0.001	0.14	4.2	3.5	0.6
C2131222	13.2	< 0.1	0.2	1.3	0.2	0.4	300	0.5	0.006	0.48	12.8	6.8	1.7

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	Sr	W	Re	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131223	3.5	< 0.1	< 0.1	0.6	< 0.1	< 0.1	133	0.3	< 0.001	< 0.05	3.2	0.3	0.2
C2131224	4.0	< 0.1	< 0.1	0.1	< 0.1	< 0.1	10.2	< 0.1	< 0.001	< 0.05	1.8	< 0.1	< 0.1
C2131225	3.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.7	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1
C2131226	1.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.3	< 0.1	< 0.001	< 0.05	0.6	< 0.1	< 0.1
C2131227	8.8	< 0.1	< 0.1	0.3	< 0.1	< 0.1	12.4	0.1	< 0.001	< 0.05	1.0	0.2	< 0.1
C2131228	476	0.5	0.2	1.3	0.2	< 0.1	152	< 0.1	< 0.001	< 0.05	4.3	0.2	< 0.1
C2131229	591	0.5	0.3	2.3	0.3	0.1	76.9	0.2	0.003	< 0.05	3.1	0.5	0.3
C2131230	495	< 0.1	0.1	0.9	0.1	0.2	6.6	0.2	0.002	0.20	20.7	2.7	0.9
C2131251	4.1	< 0.1	< 0.1	0.1	< 0.1	< 0.1	3.1	0.7	< 0.001	< 0.05	0.6	< 0.1	< 0.1
C2131252	1.7	< 0.1	0.1	0.8	< 0.1	< 0.1	73.1	2.7	< 0.001	< 0.05	1.2	0.2	< 0.1
C2131253	2.0	0.1	0.2	1.6	0.3	0.5	22.0	0.1	0.003	0.28	4.6	28.3	2.1
C2131254	12.3	0.4	0.2	1.2	0.2	0.2	181	< 0.1	< 0.001	0.22	2.0	0.8	0.5
C2131255	114	0.3	0.2	1.3	0.2	0.1	182	< 0.1	< 0.001	0.06	20.4	0.3	< 0.1
C2131256	145	< 0.1	< 0.1	0.7	0.1	0.3	35.1	0.1	< 0.001	< 0.05	2.1	4.4	0.9
C2131257	36.6	< 0.1	< 0.1	0.4	< 0.1	0.1	18.2	0.1	< 0.001	0.05	1.7	1.0	0.2
C2131258	188	< 0.1	< 0.1	0.6	0.1	0.3	8.2	0.2	0.005	< 0.05	2.8	4.1	1.6
C2131259	636	< 0.1	0.2	2.0	0.3	< 0.1	180	0.1	0.001	0.17	11.6	0.2	0.1
C2131260	22.0	< 0.1	0.3	2.1	0.3	0.3	218	0.4	< 0.001	0.15	2.8	2.9	1.3
C2131261	245	0.2	0.4	2.8	0.5	< 0.1	161	< 0.1	0.001	0.33	6.8	0.4	0.2
C2131262	71.6	0.2	0.3	2.1	0.3	< 0.1	104	< 0.1	0.002	< 0.05	5.8	0.4	0.1
C2131263	8920	< 0.1	0.3	1.6	0.3	< 0.1	7.9	< 0.1	0.002	< 0.05	4.0	0.1	< 0.1
C2131264	269	0.5	0.2	1.2	0.2	0.1	120	0.3	0.001	< 0.05	3.8	0.2	< 0.1
C2131265	198	0.4	0.4	2.6	0.4	0.2	67.5	0.2	0.004	< 0.05	2.4	0.4	0.2
C2131266	55.2	< 0.1	< 0.1	0.6	0.1	< 0.1	36.0	0.1	< 0.001	0.07	1.6	< 0.1	< 0.1
C2131267	2.8	< 0.1	< 0.1	0.5	< 0.1	< 0.1	17.6	< 0.1	< 0.001	< 0.05	8.9	3.3	0.3
C2131268	5.9	< 0.1	< 0.1	0.2	< 0.1	< 0.1	11.3	0.2	< 0.001	0.15	6.7	3.5	0.6
C2131269	4.6	< 0.1	< 0.1	0.3	< 0.1	< 0.1	17.3	0.4	< 0.001	0.10	9.5	2.6	0.4
C2131270	27.2	< 0.1	< 0.1	0.4	< 0.1	0.1	12.1	0.3	< 0.001	0.40	3.5	9.0	1.6
C2131271	8.0	< 0.1	< 0.1	0.3	< 0.1	< 0.1	7.4	< 0.1	< 0.001	< 0.05	15.9	1.3	0.2
C2131272	3.1	0.3	< 0.1	0.2	< 0.1	0.1	5.9	< 0.1	< 0.001	0.07	15.6	8.0	0.4
C2131273	23.7	< 0.1	< 0.1	0.2	< 0.1	0.2	10.4	0.2	0.001	0.19	18.4	4.2	0.7
C2131274	359	0.2	0.2	1.7	0.3	< 0.1	103	< 0.1	0.003	< 0.05	1.5	0.3	< 0.1
C2131275	2.3	< 0.1	< 0.1	0.3	< 0.1	< 0.1	51.8	0.1	< 0.001	< 0.05	3.3	< 0.1	0.2
C2131276	21.1	< 0.1	< 0.1	0.6	0.1	0.2	7.2	0.2	< 0.001	0.07	1.9	0.5	0.2
C2131277	16.8	< 0.1	< 0.1	0.3	< 0.1	< 0.1	16.8	< 0.1	0.001	< 0.05	1.2	0.3	0.2
C2131278	11.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.2	< 0.1	< 0.001	< 0.05	0.8	< 0.1	< 0.1
C2131279	6.4	< 0.1	< 0.1	0.2	< 0.1	< 0.1	32.6	< 0.1	< 0.001	< 0.05	1.3	0.1	0.2
C2131280	> 10000	0.1	0.1	0.8	0.1	< 0.1	299	1.8	0.027	0.17	> 5000	1.0	1.1
C2131281	5.0	< 0.1	0.1	0.7	< 0.1	0.1	26.4	0.2	0.001	< 0.05	6.6	0.6	0.1
C2131282	56.7	0.4	0.4	2.9	0.5	< 0.1	44.6	0.4	0.001	0.81	33.0	8.7	4.8
C2131283	20.2	< 0.1	< 0.1	0.4	< 0.1	< 0.1	77.7	< 0.1	< 0.001	< 0.05	5.5	5.0	0.5
C2131284	1.8	0.5	< 0.1	0.4	< 0.1	< 0.1	9.9	0.9	< 0.001	0.07	2.1	0.3	0.2

Analyte Symbol	Au	Pd	Pt	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	2	5	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 101b (4 Acid) Meas						1.20		2.17			74		932	10.6		8.5	14.4		4.9			44.2	7.61
OREAS 101b (4 Acid) Cert						1.23		2.36			77		927	10.7		8.2	15		5.2			45	8.1
OREAS 101b (4 Acid) Meas						1.22		1.82			77		951	10.1		8.6	13.9		4.8			45.3	7.36
OREAS 101b (4 Acid) Cert						1.23		2.36			77		927	10.7		8.2	15		5.2			45	8.1
OREAS 101b (4 Acid) Meas						1.22		2.14			75		943	10.6		8.6	14.0		5.0			45.8	7.33
OREAS 101b (4 Acid) Cert						1.23		2.36			77		927	10.7		8.2	15		5.2			45	8.1
OREAS 903 (4 Acid) Meas				18.2	0.03	0.72	5.95	2.72	0.65	0.2	79	78	692	4.34	4.3	52.5		4.4		0.45	3.75	138	
OREAS 903 (4 Acid) Cert				18.3	0.0300	0.714	5.89	3.31	0.625	0.200	74.0	73.0	690	4.16	4.56	54.0		4.42		0.432	3.57	131	
OREAS 903 (4 Acid) Meas				17.7	0.03	0.73	6.15	2.60	0.63	0.2	80	76	698	4.34	4.6	52.1		4.6		0.46	3.54	141	
OREAS 903 (4 Acid) Cert				18.3	0.0300	0.714	5.89	3.31	0.625	0.200	74.0	73.0	690	4.16	4.56	54.0		4.42		0.432	3.57	131	
Oreas 77b (4 Acid) Meas				17.8	0.42	2.59	1.86	0.36	3.07	1.3	35	232	687	29.4	1.0	> 5000		0.5		1.65	2.17	> 500	
Oreas 77b (4 Acid) Cert				18.8	0.434	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15	113000		0.470		1.62	2.32	1550	
Oreas 77b (4 Acid) Meas				18.0	0.42	2.59	1.89	0.37	3.08	1.1	34	221	664	29.5	1.1	> 5000		0.5		1.62	2.27	> 500	
Oreas 77b (4 Acid) Cert				18.8	0.434	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15	113000		0.470		1.62	2.32	1550	
OREAS 681 (4 Acid) Meas				12.3	1.47	5.15	7.93	1.51	6.23		239	1350	1370	7.59	1.6	494	1.8	1.3	0.7	0.11	3.78	50.8	1.29
OREAS 681 (4 Acid) Cert				13.0	1.61	5.19	7.91	1.35	5.98		253	1640	1310	7.47	1.70	503	1.97	1.41	0.690	0.118	4.02	51.0	1.37
OREAS 681 (Fire Assay) Meas	56	246	532																				
OREAS 681 (Fire Assay) Cert	51.0	243	526																				
OREAS 681 (Fire Assay) Meas	57	254	558																				
OREAS 681 (Fire Assay) Cert	51.0	243	526																				
OREAS 681 (Fire Assay) Meas	59	259	569																				
OREAS 681 (Fire Assay) Cert	51.0	243	526																				
OREAS 681 (Fire Assay) Meas	54	241	526																				
OREAS 681 (Fire Assay) Cert	51.0	243	526																				
OREAS 681 (Fire Assay) Meas	55	232	512																				
OREAS 681 (Fire Assay) Cert	51.0	243	526																				
OREAS 601c (4 acid) Meas				30.2	1.87	0.16	7.08	2.29	0.94	2.6	15	13	209	2.32	5.1	6.7	0.8	2.5	0.4	51.4	5.19	4.7	1.02
OREAS 601c (4 acid) Cert				26.7	1.94	0.169	7.06	2.72	0.953	2.77	15.5	17.5	230.000	2.41	4.93	6.83	0.78	2.46	0.38	50.3	5.17	4.99	1.08
OREAS 601c (4 acid) Meas				27.4	1.82	0.17	6.98	2.16	0.93	2.4	14	12	209	2.29	5.2	6.7	0.8	2.6	0.4	51.2	5.21	4.6	1.08

Analyte Symbol	Au	Pd	Pt	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	2	5	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 601c (4 acid) Cert				26.7	1.94	0.169	7.06	2.72	0.953	2.77	15.5	17.5	230.000	2.41	4.93	6.83	0.78	2.46	0.38	50.3	5.17	4.99	1.08
OREAS 931 (4 Acid) Meas				26.3	0.20	1.53	6.40		0.48		78	54	978	11.5		31.8		2.0		17.8		47.2	
OREAS 931 (4 Acid) Cert				24.0	0.201	1.50	5.96		0.453		74.0	58.0	950	11.3		28.8		1.99		14.0		46.9	
OREAS 931 (4 Acid) Meas				26.1	0.20	1.49	6.29		0.47		79	52	993	11.1		31.5		1.9		14.3		46.8	
OREAS 931 (4 Acid) Cert				24.0	0.201	1.50	5.96		0.453		74.0	58.0	950	11.3		28.8		1.99		14.0		46.9	
OREAS 931 (4 Acid) Meas				25.5	0.21	1.47	6.19		0.48		76	52	1000	11.8		31.0		1.7		14.0		46.0	
OREAS 931 (4 Acid) Cert				24.0	0.201	1.50	5.96		0.453		74.0	58.0	950	11.3		28.8		1.99		14.0		46.9	
CDN-PGMS-31 Meas	129	1800	1920																				
CDN-PGMS-31 Cert	118	1750	1840																				
CDN-PGMS-31 Meas	110	1660	1780																				
CDN-PGMS-31 Cert	118	1750	1840																				
OREAS 625 (4 Acid) Meas				16.9	1.82	0.26	6.63	2.06	1.18	83.7	11	16	4580	4.09	6.6	5.9	1.1	2.4	0.5	11.8	6.33	4.3	1.36
OREAS 625 (4 Acid) Cert				17.9	1.91	0.261	6.68	2.86	1.14	83	11.5	13.3	4330.000	3.98	6.36	5.98	1.24	2.57	0.54	11.7	5.94	4.21	1.36
OREAS 625 (4 Acid) Meas				16.2	1.90	0.26	6.87	3.06	1.16	81.4	12	18	4430	4.01	6.3	5.9	1.3	2.3	0.6	12.4	6.17	4.2	1.42
OREAS 625 (4 Acid) Cert				17.9	1.91	0.261	6.68	2.86	1.14	83	11.5	13.3	4330.000	3.98	6.36	5.98	1.24	2.57	0.54	11.7	5.94	4.21	1.36
C2131310 Orig	4	< 5	< 5																				
C2131310 Dup	5	< 5	< 5																				
C2131356 Orig				0.8	< 0.01	0.09	0.20	0.02	0.15	< 0.1	4	10	235	3.83	< 0.1	7.0	0.2	< 0.1	< 0.1	0.15	0.06	5.7	0.16
C2131356 Dup				0.8	< 0.01	0.09	0.20	0.02	0.15	< 0.1	3	8	241	3.97	< 0.1	7.4	0.2	< 0.1	< 0.1	0.14	0.06	5.7	0.15
C2131359 Orig	20	< 5	< 5																				
C2131359 Dup	17	< 5	< 5																				
C2131365 Orig				1.4	0.02	0.03	0.45	0.25	0.02	< 0.1	3	12	71	1.01	0.6	2.3	< 0.1	< 0.1	< 0.1	< 0.05	0.16	0.9	0.06
C2131365 Dup				1.3	0.02	0.03	0.45	0.25	0.02	< 0.1	2	10	68	1.00	0.6	2.2	< 0.1	< 0.1	< 0.1	< 0.05	0.22	0.9	0.06
C2131201 Orig	2	< 5	< 5																				
C2131201 Dup	2	< 5	< 5																				
C2131207 Orig	< 2	< 5	< 5																				
C2131207 Dup	2	< 5	< 5																				
C2131211 Orig				0.8	0.01	0.14	0.17	< 0.01	0.04	< 0.1	6	13	148	1.29	< 0.1	5.8	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	0.8	< 0.05
C2131211 Dup				0.8	0.01	0.13	0.16	< 0.01	0.04	< 0.1	6	11	144	1.26	< 0.1	5.6	< 0.1	< 0.1	< 0.1	< 0.05	0.05	0.8	< 0.05
C2131221 Orig	< 2	< 5	< 5	5.1	0.26	0.08	1.65	0.81	< 0.01	< 0.1	8	12	77	1.28	1.0	2.0	0.2	0.3	< 0.1	< 0.05	0.60	1.1	0.19
C2131221 Split Prep dup	< 2	< 5	< 5	4.9	0.26	0.09	1.62	0.80	< 0.01	< 0.1	8	12	77	1.26	0.2	2.2	0.2	0.2	< 0.1	< 0.05	0.55	1.2	0.22
C2131222 Orig				25.1	> 3.00	0.77	8.29	2.09	2.11	< 0.1	45	15	528	3.16	4.6	8.9	1.2	1.3	0.5	0.07	7.13	7.8	1.02
C2131222 Dup				25.3	> 3.00	0.78	8.41	2.29	2.09	< 0.1	46	14	528	3.16	4.5	9.0	1.5	1.4	0.5	0.07	7.13	8.0	1.05
C2131229 Orig	5	< 5	< 5																				
C2131229 Dup	5	< 5	< 5																				
C2131259 Orig	176	6	< 5	1.7	0.02	3.30	0.14	0.05	11.8	0.2	3	5	7800	19.5	< 0.1	55.0	1.7	0.2	0.5	2.42	0.19	134	0.61
C2131259 Dup	176	< 5	< 5	1.7	0.02	3.41	0.13	0.06	12.2	0.3	3	12	7990	20.2	< 0.1	58.0	1.9	0.2	0.5	2.39	0.19	137	0.56
C2131262 Orig	< 2	11	6																				
C2131262 Dup	3	11	6																				

Analyte Symbol	Au	Pd	Pt	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	2	5	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131268 Orig				3.5	0.23	0.09	1.74	0.80	0.05	< 0.1	9	15	130	1.36	0.2	2.9	0.2	0.3	< 0.1	< 0.05	0.49	1.0	0.14
C2131268 Dup				3.4	0.23	0.09	1.71	0.80	0.04	< 0.1	9	14	128	1.34	0.5	2.8	0.2	0.3	< 0.1	< 0.05	0.50	1.1	0.15
C2131270 Orig	< 2	< 5	< 5																				
C2131270 Dup	< 2	< 5	< 5																				
C2131277 Orig	5	< 5	< 5																				
C2131277 Dup	4	< 5	< 5																				
C2131284 Orig	3	< 5	7	18.6	0.04	4.10	5.61	0.88	1.12	< 0.1	179	157	1110	5.89	0.4	93.7	0.5	0.2	0.2	< 0.05	0.33	30.7	0.08
C2131284 Split Prep dup	< 2	5	6	19.5	0.05	4.27	5.88	0.93	1.15	< 0.1	183	116	1100	6.09	0.4	97.9	0.5	0.2	0.2	< 0.05	0.36	31.2	0.10
Method Blank	< 2	< 5	< 5																				
Method Blank	2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank				< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	5	11	< 0.01	< 0.1	0.8	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05
Method Blank				< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	1	8	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				

Analyte Symbol	Bi	Se	Zn	Ga	As	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.1	0.2	0.1	0.1	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 101b (4 Acid) Meas							132			19.4						827	1430	129	383	46.9	33.5	5.0	25.6
OREAS 101b (4 Acid) Cert							133			20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas							127			20.3						875	1500	131	386	49.3	34.8	4.7	25.4
OREAS 101b (4 Acid) Cert							133			20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas							127			20.0						806	1420	125	376	46.6	33.9	4.7	25.1
OREAS 101b (4 Acid) Cert							133			20.1						754	1325	127	388	48	40	5.4	27
OREAS 903 (4 Acid) Meas	9.03	5.8	24.7	15.9	56.3	121	22.4	151		4.60	0.2	3	1.5		202	44.6	86.5					0.8	
OREAS 903 (4 Acid) Cert	8.90	6.06	24.3	15.0	49.7	137	22.5	152		4.32	0.160	2.63	1.57		197	40.0	82.0					0.830	
OREAS 903 (4 Acid) Meas	9.14	6.0	27.2	16.5	58.4	116	22.0	159		4.83	0.1	3	1.5		208	43.3	82.9					0.8	
OREAS 903 (4 Acid) Cert	8.90	6.06	24.3	15.0	49.7	137	22.5	152		4.32	0.160	2.63	1.57		197	40.0	82.0					0.830	
Oreas 77b (4 Acid) Meas	3.44		215	4.6	1920	19.4	6.5	36	3.0		< 0.1	2	7.6	1.4	23	15.1	26.7						
Oreas 77b (4 Acid) Cert	3.44		205	4.61	2050	19.1	6.55	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7						
Oreas 77b (4 Acid) Meas	3.22		210	4.8	1920	19.7	6.1	37	3.0		0.1	1	8.3	1.5	51	14.2	25.7						
Oreas 77b (4 Acid) Cert	3.44		205	4.61	2050	19.1	6.55	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7						
OREAS 681 (4 Acid) Meas	0.08		92.3	17.7		88.4	16.1	53	3.4	1.20	< 0.1	1	< 0.1		462	20.5	43.0	5.2	21.3	4.8	3.8	0.6	3.2
OREAS 681 (4 Acid) Cert	0.0980		88.0	17.6		80.0	17.5	58.0	6.17	1.38	0.0420	1.89	0.240		442	18.8	40.6	5.32	21.9	4.82	4.06	0.580	3.40
OREAS 681 (Fire Assay) Meas																							
OREAS 681 (Fire Assay) Cert																							
OREAS 681 (Fire Assay) Meas																							
OREAS 681 (Fire Assay) Cert																							
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OREAS 681 (Fire Assay) Meas																							
OREAS 681 (Fire Assay) Cert																							
OREAS 601c (4 acid) Meas	21.1	9.3	412	23.6	411	110	11.4	171	11.7	3.55	0.7	4	8.7	5.6		34.4	74.1	8.7	31.7	5.9	4.9	0.5	2.6
OREAS 601c (4 acid) Cert	21.1	8.75	425	23.5	390.000	115	11.5	178	14.7	3.66	0.56	4.23	37.2	7.50		37.1	75	8.41	29.8	5.76	4.65	0.55	2.66
OREAS 601c (4 acid) Meas	20.1	9.2	397	23.2	412	106	11.5	176	11.9	3.37	0.6	4	8.8	4.6		34.0	73.0	8.4	30.5	5.9	4.8	0.6	2.6

Analyte Symbol	Bi	Se	Zn	Ga	As	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.1	0.2	0.1	0.1	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 601c (4 acid) Cert	21.1	8.75	425	23.5	390.000	115	11.5	178	14.7	3.66	0.56	4.23	37.2	7.50		37.1	75	8.41	29.8	5.76	4.65	0.55	2.66
OREAS 931 (4 Acid) Meas	215	46.7	486		11.2		19.9		12.0			42	1.6			38.9							
OREAS 931 (4 Acid) Cert	204	43.5	480		11.6		19.6		11.0			42.1	1.70			34.0							
OREAS 931 (4 Acid) Meas	208	48.2	468		11.4		19.5		11.9			42	2.0			38.0							
OREAS 931 (4 Acid) Cert	204	43.5	480		11.6		19.6		11.0			42.1	1.70			34.0							
OREAS 931 (4 Acid) Meas	207	51.1	474		11.6		19.5		12.2			45	1.7			34.1							
OREAS 931 (4 Acid) Cert	204	43.5	480		11.6		19.6		11.0			42.1	1.70			34.0							
CDN-PGMS-31 Meas																							
CDN-PGMS-31 Cert																							
CDN-PGMS-31 Meas																							
CDN-PGMS-31 Cert																							
OREAS 625 (4 Acid) Meas	9.06		> 10000	21.4	147	126	13.8	217	15.8	13.5	2.2	4	35.5	< 0.1		29.2	76.7	9.2	34.8	6.9	5.6	0.7	3.4
OREAS 625 (4 Acid) Cert	8.61		31700.00	20.6	143	135	14.9	229	14.8	12.3	2.12	3.57	35.1	0.063		34.7	72	9.74	37.3	6.80	5.46	0.72	3.52
OREAS 625 (4 Acid) Meas	8.45		> 10000	20.0	149	120	15.3	226	16.1	13.3	2.3	4	36.8	< 0.1		40.0	84.7	9.7	34.6	6.6	5.6	0.7	3.6
OREAS 625 (4 Acid) Cert	8.61		31700.00	20.6	143	135	14.9	229	14.8	12.3	2.12	3.57	35.1	0.063		34.7	72	9.74	37.3	6.80	5.46	0.72	3.52
C2131310 Orig																							
C2131310 Dup																							
C2131356 Orig	0.05	1.3	12.8	0.5	1.2	0.9	2.3	1	0.5	0.51	< 0.1	< 1	< 0.1	< 0.1	4	1.7	2.9	0.4	1.9	0.5	0.7	< 0.1	0.5
C2131356 Dup	0.04	1.1	13.0	0.6	1.2	0.7	2.6	2	0.5	0.48	< 0.1	< 1	< 0.1	0.2	4	1.5	2.6	0.4	1.7	0.5	0.8	0.1	0.5
C2131359 Orig																							
C2131359 Dup																							
C2131365 Orig	0.12	< 0.1	7.3	1.1	3.4	11.1	0.5	22	1.2	0.49	< 0.1	< 1	0.1	< 0.1	66	2.2	4.5	0.5	1.7	0.3	0.2	< 0.1	< 0.1
C2131365 Dup	0.12	0.5	8.4	1.2	3.6	11.2	0.5	21	1.2	0.53	< 0.1	< 1	< 0.1	< 0.1	65	2.3	4.5	0.5	1.5	0.2	0.2	< 0.1	< 0.1
C2131201 Orig																							
C2131201 Dup																							
C2131207 Orig																							
C2131207 Dup																							
C2131211 Orig	< 0.02	< 0.1	6.6	0.4	1.4	0.4	< 0.1	< 1	0.6	0.63	< 0.1	< 1	0.1	< 0.1	2	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
C2131211 Dup	< 0.02	0.9	7.1	0.4	1.3	0.3	< 0.1	< 1	0.6	0.75	< 0.1	< 1	< 0.1	< 0.1	2	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
C2131221 Orig	0.05	< 0.1	16.4	3.2	0.8	35.5	2.1	20	1.1	0.44	< 0.1	< 1	< 0.1	< 0.1	154	4.4	8.8	1.0	3.8	0.8	0.6	< 0.1	0.4
C2131221 Split Prep dup	0.06	0.2	10.7	3.6	0.6	36.2	2.1	14	1.3	0.56	< 0.1	< 1	< 0.1	< 0.1	149	4.4	8.7	1.0	3.8	0.7	0.7	< 0.1	0.4
C2131222 Orig	0.33	0.6	53.6	19.4	1.7	80.6	12.3	167	5.7	6.68	< 0.1	1	1.3	< 0.1	871	26.2	56.8	6.2	23.5	3.8	3.0	0.4	2.3
C2131222 Dup	0.32	0.4	54.4	19.3	1.8	82.6	11.9	163	5.5	8.05	< 0.1	1	1.2	< 0.1	958	26.4	56.3	6.1	22.9	4.2	3.0	0.4	2.1
C2131229 Orig																							
C2131229 Dup																							
C2131259 Orig	0.39	4.3	25.3	0.4	1.8	2.4	13.7	< 1	0.2	0.23	< 0.1	< 1	0.9	1.8	24	2.0	4.0	0.6	2.5	0.7	1.1	0.3	1.9
C2131259 Dup	0.36	4.8	28.7	0.3	2.1	2.7	13.6	< 1	0.2	0.28	< 0.1	< 1	0.9	1.1	25	2.1	3.9	0.5	2.4	0.6	1.3	0.3	1.9
C2131262 Orig																							
C2131262 Dup																							

Analyte Symbol	Bi	Se	Zn	Ga	As	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.1	0.2	0.1	0.1	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131268 Orig	< 0.02	0.1	10.8	3.3	6.4	37.3	2.4	18	1.7	0.60	< 0.1	3	< 0.1	< 0.1	180	4.4	9.5	1.0	3.6	0.8	0.6	< 0.1	0.4
C2131268 Dup	< 0.02	< 0.1	11.6	3.3	6.1	39.5	2.5	17	1.6	0.56	< 0.1	3	< 0.1	< 0.1	179	4.5	9.7	1.0	3.6	0.8	0.5	< 0.1	0.4
C2131270 Orig																							
C2131270 Dup																							
C2131277 Orig																							
C2131277 Dup																							
C2131284 Orig	< 0.02	0.2	68.3	12.2	8.8	23.7	5.0	12	1.0	0.68	< 0.1	< 1	< 0.1	< 0.1	316	1.4	2.9	0.3	1.5	0.5	0.6	0.1	0.9
C2131284 Split Prep dup	< 0.02	< 0.1	65.4	13.2	7.9	25.9	4.8	12	0.4	0.68	< 0.1	< 1	< 0.1	< 0.1	333	1.3	2.9	0.3	1.3	0.4	0.6	0.1	0.9
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.02	0.1	< 0.2	< 0.1	0.2	< 0.2	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.02	< 0.1	0.4	< 0.1	0.1	0.3	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	Sr	W	Re	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 101b (4 Acid) Meas	396		2.1	13.2	1.7						23.0	39.0	378
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96						23	36.4	387
OREAS 101b (4 Acid) Meas	391		2.1	13.1	1.8						22.6	39.6	385
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96						23	36.4	387
OREAS 101b (4 Acid) Meas	422		1.9	13.4	1.8						22.6	37.7	391
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96						23	36.4	387
OREAS 903 (4 Acid) Meas	6650			2.2	0.3	0.8	85.6			0.65	11.5	14.5	7.6
OREAS 903 (4 Acid) Cert	6520			2.36	0.360	0.540	77.0			0.620	11.3	13.6	7.58
OREAS 903 (4 Acid) Meas	7000			2.3	0.3	0.9	83.9			0.67	11.8	14.4	7.9
OREAS 903 (4 Acid) Cert	6520			2.36	0.360	0.540	77.0			0.620	11.3	13.6	7.58
Oreas 77b (4 Acid) Meas	3160					0.3	33.6	3.0	0.023	1.37	57.6	6.8	1.7
Oreas 77b (4 Acid) Cert	3426					0.280	34.4	3.07	0.0220	1.37	61.0	6.61	1.71
Oreas 77b (4 Acid) Meas	3280					0.3	34.2	2.9	0.023	1.32	56.7	6.4	1.7
Oreas 77b (4 Acid) Cert	3426					0.280	34.4	3.07	0.0220	1.37	61.0	6.61	1.71
OREAS 681 (4 Acid) Meas	247		0.2	1.8	0.3	0.1	470	0.3			9.8	7.3	1.5
OREAS 681 (4 Acid) Cert	264		0.280	1.77	0.270	0.420	478	1.09			10.2	6.55	1.44
OREAS 681 (Fire Assay) Meas													
OREAS 681 (Fire Assay) Cert													
OREAS 681 (Fire Assay) Meas													
OREAS 681 (Fire Assay) Cert													
OREAS 681 (Fire Assay) Meas													
OREAS 681 (Fire Assay) Cert													
OREAS 681 (Fire Assay) Meas													
OREAS 681 (Fire Assay) Cert													
OREAS 681 (Fire Assay) Meas													
OREAS 681 (Fire Assay) Cert													
OREAS 601c (4 acid) Meas	1080	< 0.1	< 0.1	0.6	< 0.1	0.4	222	4.0		1.78	331	11.2	4.4
OREAS 601c (4 acid) Cert	1160.000	0.18	0.094	0.54	0.077	1.11	230	4.67		1.75	328	12.4	4.40
OREAS 601c (4 acid) Meas	1120	< 0.1	< 0.1	0.6	< 0.1	0.3	214	3.9		1.77	324	10.5	4.5

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	Sr	W	Re	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 601c (4 acid) Cert	1160.000	0.18	0.094	0.54	0.077	1.11	230	4.67		1.75	328	12.4	4.40
OREAS 931 (4 Acid) Meas	> 10000						33.8	22.9			152	12.3	
OREAS 931 (4 Acid) Cert	38200						34.5	19.8			147	12.3	
OREAS 931 (4 Acid) Meas	> 10000						32.6	21.7			144	11.4	
OREAS 931 (4 Acid) Cert	38200						34.5	19.8			147	12.3	
OREAS 931 (4 Acid) Meas	> 10000						35.9	24.6			151	12.0	
OREAS 931 (4 Acid) Cert	38200						34.5	19.8			147	12.3	
CDN-PGMS-31 Meas													
CDN-PGMS-31 Cert													
CDN-PGMS-31 Meas													
CDN-PGMS-31 Cert													
OREAS 625 (4 Acid) Meas	1600		0.2	0.9	0.1	1.1	79.7	4.7	0.006	9.91	> 5000	9.1	5.5
OREAS 625 (4 Acid) Cert	1710.000		0.17	0.96	0.14	1.11	130	3.99	0.004	9.79	8220.000	12.7	5.52
OREAS 625 (4 Acid) Meas	1680		0.1	1.0	0.1	1.2	136	4.6	0.003	9.84	> 5000	12.8	5.4
OREAS 625 (4 Acid) Cert	1710.000		0.17	0.96	0.14	1.11	130	3.99	0.004	9.79	8220.000	12.7	5.52
C2131310 Orig													
C2131310 Dup													
C2131356 Orig	164	< 0.1	< 0.1	0.1	< 0.1	< 0.1	5.1	0.1	< 0.001	< 0.05	1.0	0.2	< 0.1
C2131356 Dup	163	< 0.1	< 0.1	0.1	< 0.1	< 0.1	5.0	< 0.1	< 0.001	< 0.05	1.2	0.2	0.3
C2131359 Orig													
C2131359 Dup													
C2131365 Orig	10.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.8	< 0.1	< 0.001	0.05	5.6	1.2	0.2
C2131365 Dup	10.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	4.0	< 0.1	< 0.001	0.05	5.5	1.1	0.2
C2131201 Orig													
C2131201 Dup													
C2131207 Orig													
C2131207 Dup													
C2131211 Orig	30.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	2.0	< 0.1	< 0.001	< 0.05	1.5	< 0.1	< 0.1
C2131211 Dup	31.8	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	1.9	< 0.1	< 0.001	< 0.05	1.4	< 0.1	< 0.1
C2131221 Orig	11.1	< 0.1	< 0.1	0.3	< 0.1	< 0.1	5.7	< 0.1	< 0.001	0.14	4.2	3.5	0.6
C2131221 Split Prep dup	10.5	< 0.1	< 0.1	0.2	< 0.1	< 0.1	6.3	0.1	< 0.001	0.15	4.2	3.5	0.6
C2131222 Orig	13.4	< 0.1	0.2	1.4	0.2	0.4	300	0.5	0.006	0.48	12.9	6.9	1.7
C2131222 Dup	13.1	< 0.1	0.2	1.3	0.2	0.4	301	0.4	0.006	0.48	12.7	6.7	1.7
C2131229 Orig													
C2131229 Dup													
C2131259 Orig	645	< 0.1	0.2	2.0	0.3	< 0.1	179	0.1	0.002	0.17	11.7	0.2	0.1
C2131259 Dup	627	< 0.1	0.2	1.9	0.3	< 0.1	182	0.1	0.001	0.17	11.5	0.1	0.1
C2131262 Orig													
C2131262 Dup													

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	Sr	W	Re	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131268 Orig	6.5	< 0.1	< 0.1	0.2	< 0.1	< 0.1	11.9	0.2	< 0.001	0.15	6.9	3.5	0.6
C2131268 Dup	5.4	< 0.1	< 0.1	0.2	< 0.1	< 0.1	10.7	0.2	< 0.001	0.14	6.6	3.5	0.6
C2131270 Orig													
C2131270 Dup													
C2131277 Orig													
C2131277 Dup													
C2131284 Orig	1.8	0.5	< 0.1	0.4	< 0.1	< 0.1	9.9	0.9	< 0.001	0.07	2.1	0.3	0.2
C2131284 Split Prep dup	1.6	0.8	< 0.1	0.4	< 0.1	< 0.1	10.4	0.3	0.002	0.08	2.3	0.3	0.1
Method Blank													
Method Blank													
Method Blank													
Method Blank													
Method Blank													
Method Blank													
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	0.002	< 0.05	< 0.5	< 0.1	< 0.1
Method Blank													
Method Blank													
Method Blank													
Method Blank													
Method Blank													
Method Blank													

Quality Analysis ... *Innovative Technologies*

Report No.: **A25-11126**
Report Date: **22-Sep-25**
Date Submitted: **05-Aug-25**
Your Reference: **Fosse Alliance**

MIDLAND EXPLORATION
132, BD Cure Labelle Suite 220
Rosemere QC J7A 2H1
Canada

ATTN: Jean-Francois Lariviere

CERTIFICATE OF ANALYSIS

15 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES	QOP PGE-OES (Fire Assay ICPOES)	2025-09-16 15:16:14
8-4 Acid Total Digestion	QOP Total Assay (Code 8-4 Acid Total Digestion Assays)	2025-09-21 11:24:26
UT-4	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2025-09-11 13:15:22

REPORT **A25-11126**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

Refer to the Scope of Accreditation for information on accredited elements.

SCC Accredited LAB Accrédité CCN TM

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Pd	Pt	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	2	5	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131231	2	< 5	< 5	26.7	0.04	2.85	4.87	0.01	4.07	< 0.1	294	4	1490	12.0	0.5	27.0	2.9	< 0.1	1.0	< 0.05	0.17	58.0	1.21
C2131232	4	< 5	< 5	18.2	0.77	3.61	6.16	0.06	7.72	0.2	838	5	1880	16.8	1.0	71.1	2.2	0.3	0.8	0.06	0.11	71.4	0.93
C2131285	4	< 5	< 5	13.1	2.87	2.38	6.29	0.07	0.32	< 0.1	129	81	1770	9.83	1.8	19.0	0.7	1.0	0.2	0.06	0.46	25.8	0.36
C2131286	12	< 5	< 5	1.2	0.10	2.81	2.36	0.49	3.20	< 0.1	113	69	8240	26.5	1.2	19.2	1.6	2.4	0.5	0.10	22.5	26.1	0.40
C2131287	3	< 5	< 5	4.3	0.41	0.52	1.31	0.01	0.50	< 0.1	84	10	371	2.52	0.1	11.5	0.2	< 0.1	< 0.1	< 0.05	0.12	9.1	0.06
C2131288	< 2	< 5	< 5	8.1	0.23	0.99	2.03	0.04	0.73	< 0.1	216	10	589	4.98	0.2	11.7	0.8	< 0.1	0.2	< 0.05	0.17	19.9	0.31
C2131289	49	< 5	< 5	8.2	< 0.01	0.79	0.52	0.02	11.5	0.1	33	9	1530	9.42	0.3	17.8	7.2	0.4	2.6	5.55	0.05	6.2	6.09
C2131312	18	< 5	< 5	0.6	0.01	0.11	0.17	< 0.01	0.10	0.5	9	16	148	1.96	< 0.1	109	< 0.1	< 0.1	< 0.1	0.40	< 0.05	34.5	< 0.05
C2131313	< 2	< 5	< 5	1.7	1.08	0.09	1.48	0.02	0.30	< 0.1	5	12	123	1.16	1.0	8.7	0.2	< 0.1	< 0.1	< 0.05	< 0.05	1.6	0.18
C2131369	257	< 5	< 5	21.7	1.34	2.57	6.64	0.02	2.14	< 0.1	108	47	1650	14.3	0.6	3.2	5.5	0.2	2.0	< 0.05	0.06	32.0	2.28
C2131370	22	< 5	< 5	2.9	0.04	0.07	0.74	0.31	0.12	< 0.1	6	11	102	1.23	0.7	3.6	0.1	0.1	< 0.1	< 0.05	0.39	1.8	0.06
C2131371	10	< 5	< 5	31.6	< 0.01	2.77	1.72	< 0.01	13.4	< 0.1	44	17	1020	8.49	1.1	44.6	2.4	0.1	0.8	1.99	0.10	16.4	2.30
C2131372	49	< 5	< 5	13.0	< 0.01	1.23	0.76	< 0.01	15.1	0.1	24	13	1550	8.29	0.5	22.2	4.7	0.2	1.7	3.61	0.08	6.8	3.05
C2131373	3	< 5	< 5	51.6	0.91	5.98	4.90	1.67	8.49	0.2	39	61	574	3.45	1.5	43.8	1.0	1.3	0.3	< 0.05	2.07	14.3	0.90
C2131374	1620	462	266	11.3	1.42	5.88	6.42	0.42	4.88	120	106	448	1440	12.4	1.2	2880	0.8	0.4	0.3	> 100	0.78	200	0.84

Analyte Symbol	Bi	Se	Zn	Ga	As	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.1	0.2	0.1	0.1	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C2131231	< 0.02	0.2	113	17.3	0.4	1.6	24.0	17	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	6	3.4	10.1	1.6	8.6	3.0	4.3	0.8	5.0
C2131232	< 0.02	< 0.1	148	21.8	0.6	0.9	18.1	27	< 0.1	< 0.05	0.1	< 1	< 0.1	< 0.1	6	3.2	8.6	1.4	7.1	2.4	3.1	0.6	3.6
C2131285	0.12	1.6	110	19.0	0.6	3.5	5.2	55	6.7	0.28	< 0.1	< 1	< 0.1	0.1	6	4.1	8.2	1.0	3.6	0.7	0.7	0.1	0.8
C2131286	0.17	1.9	61.4	8.2	0.3	49.5	14.1	50	11.9	3.33	0.2	4	0.1	0.2	94	13.8	27.1	3.0	10.7	2.0	2.0	0.3	2.1
C2131287	< 0.02	0.1	21.0	3.0	1.6	1.9	1.6	5	1.0	0.65	< 0.1	< 1	0.1	< 0.1	7	0.7	1.6	0.2	0.8	0.3	0.3	< 0.1	0.3
C2131288	< 0.02	0.1	46.0	6.8	1.2	1.7	5.9	8	0.8	0.43	< 0.1	< 1	< 0.1	< 0.1	10	1.4	3.9	0.5	2.6	0.8	1.0	0.2	1.1
C2131289	1.28	79.9	38.4	1.6	12.7	1.0	85.1	9	0.6	2.31	0.8	< 1	0.5	0.6	36	59.7	130	21.0	102	27.0	28.5	3.2	14.2
C2131312	< 0.02	2.4	19.0	0.4	0.6	< 0.2	0.5	< 1	0.7	0.74	< 0.1	< 1	< 0.1	< 0.1	2	0.1	0.4	< 0.1	0.4	0.1	0.1	< 0.1	0.1
C2131313	< 0.02	0.4	10.5	1.8	0.6	0.5	2.2	39	0.8	0.44	< 0.1	< 1	< 0.1	< 0.1	5	2.5	5.0	0.6	2.2	0.5	0.5	< 0.1	0.4
C2131369	< 0.02	0.8	96.3	24.4	0.2	1.0	46.9	16	< 0.1	< 0.05	0.1	< 1	< 0.1	< 0.1	15	8.4	22.8	3.8	18.2	5.9	8.3	1.5	9.0
C2131370	0.08	0.2	8.5	1.6	0.5	13.7	1.2	29	0.8	0.41	< 0.1	< 1	< 0.1	< 0.1	56	1.6	3.1	0.4	1.3	0.3	0.2	< 0.1	0.2
C2131371	2.26	74.2	65.0	4.7	2.4	0.5	26.8	35	1.7	2.28	0.7	< 1	0.2	0.7	57	48.9	90.9	10.7	47.7	10.5	9.0	0.8	3.6
C2131372	1.87	73.5	42.7	2.7	5.8	0.6	42.7	17	1.0	5.95	0.7	< 1	0.3	2.4	27	57.2	87.4	9.8	38.7	12.6	14.0	1.9	9.0
C2131373	0.09	0.4	77.8	13.2	0.1	87.9	9.1	49	2.8	0.40	< 0.1	< 1	< 0.1	< 0.1	362	24.1	47.9	5.6	20.4	3.7	2.8	0.4	1.7
C2131374	3.55	8.3	> 10000	15.2	1650	14.1	7.7	39	1.2	2.78	0.3	9	9.9	< 0.1	246	10.8	21.7	2.7	10.3	2.4	1.9	0.3	1.7

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	Sr	W	Re	Tl	Pb	Th	U	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.001
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	4Acid ICPOES
C2131231	10.3	< 0.1	0.4	2.7	0.4	< 0.1	19.8	< 0.1	0.005	< 0.05	1.0	0.4	0.2	
C2131232	187	0.1	0.3	2.0	0.3	< 0.1	118	< 0.1	0.004	< 0.05	1.9	0.3	< 0.1	
C2131285	316	< 0.1	< 0.1	0.6	0.1	0.3	16.4	0.5	0.003	0.06	2.1	7.5	1.3	
C2131286	515	0.4	0.2	1.4	0.2	0.2	20.5	< 0.1	0.003	0.15	2.1	4.0	2.6	
C2131287	4.3	< 0.1	< 0.1	0.2	< 0.1	< 0.1	4.5	2.1	0.002	< 0.05	1.6	0.1	< 0.1	
C2131288	3.0	< 0.1	0.1	0.7	< 0.1	< 0.1	6.3	< 0.1	0.002	< 0.05	1.0	0.2	< 0.1	
C2131289	> 10000	< 0.1	1.0	6.2	1.0	< 0.1	42.6	0.3	0.001	0.12	80.1	0.9	677	9.92
C2131312	1140	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.9	< 0.1	0.002	< 0.05	0.8	< 0.1	1.2	
C2131313	129	< 0.1	< 0.1	0.2	< 0.1	< 0.1	25.0	< 0.1	0.001	< 0.05	3.3	2.0	2.0	
C2131369	262	0.1	0.8	4.8	0.8	< 0.1	40.8	< 0.1	0.003	< 0.05	2.1	1.3	0.7	
C2131370	26.4	< 0.1	< 0.1	0.1	< 0.1	< 0.1	7.9	< 0.1	< 0.001	0.06	5.6	1.8	0.4	
C2131371	> 10000	< 0.1	0.4	2.6	0.5	< 0.1	68.5	0.4	0.003	0.17	29.6	3.0	221	8.52
C2131372	> 10000	< 0.1	0.7	4.4	0.7	< 0.1	45.2	0.3	0.002	< 0.05	31.5	1.7	83.7	8.47
C2131373	339	0.2	0.1	0.8	0.1	< 0.1	151	0.2	0.002	0.35	3.3	6.4	1.3	
C2131374	> 10000	0.1	0.1	0.7	0.1	< 0.1	302	1.0	0.028	0.17	> 5000	1.1	0.9	

Analyte Symbol	Au	Pd	Pt	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	2	5	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
MP-1b Meas																							
MP-1b Cert																							
OREAS 101b (4 Acid) Meas						1.22		1.71			75		899	10.1		8.7	14.2		4.9			45.2	7.53
OREAS 101b (4 Acid) Cert						1.23		2.36			77		927	10.7		8.2	15		5.2			45	8.1
OREAS 101b (4 Acid) Meas						1.20		2.39			71		898	10.0		8.4	13.9		4.8			45.0	7.61
OREAS 101b (4 Acid) Cert						1.23		2.36			77		927	10.7		8.2	15		5.2			45	8.1
OREAS 101b (4 Acid) Meas						1.13		1.39			69		857	9.41		8.4	13.4		4.8			43.7	7.67
OREAS 101b (4 Acid) Cert						1.23		2.36			77		927	10.7		8.2	15		5.2			45	8.1
CCU-1d Meas																							
CCU-1d Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
OREAS 903 (4 Acid) Meas				17.7	0.04	0.72	6.11	3.11	0.63	0.3	78	70	653	4.12	0.2	50.6		5.2		0.42	3.68	136	
OREAS 903 (4 Acid) Cert				18.3	0.0300	0.714	5.89	3.31	0.625	0.200	74.0	73.0	690	4.16	4.56	54.0		4.42		0.432	3.57	131	
OREAS 903 (4 Acid) Meas				19.0	0.04	0.74	6.54	2.23	0.66	0.2	80	76	730	4.29	3.8	54.1		4.9		0.44	3.85	142	
OREAS 903 (4 Acid) Cert				18.3	0.0300	0.714	5.89	3.31	0.625	0.200	74.0	73.0	690	4.16	4.56	54.0		4.42		0.432	3.57	131	
OREAS 903 (4 Acid) Meas				17.2	0.03	0.69	5.80	2.91	0.59	0.3	75	67	678	4.05	4.4	51.2		4.6		0.38	3.48	135	
OREAS 903 (4 Acid) Cert				18.3	0.0300	0.714	5.89	3.31	0.625	0.200	74.0	73.0	690	4.16	4.56	54.0		4.42		0.432	3.57	131	
OREAS 903 (4 Acid) Meas				17.6	0.03	0.71	6.07	3.00	0.63	0.2	78	77	668	4.20	3.5	55.8		5.0		0.41	3.41	138	
OREAS 903 (4 Acid) Cert				18.3	0.0300	0.714	5.89	3.31	0.625	0.200	74.0	73.0	690	4.16	4.56	54.0		4.42		0.432	3.57	131	
PTC-1b Meas																							
PTC-1b Cert																							
Oreas 77b (4 Acid) Meas				18.4	0.43	2.69	1.90	0.37	3.16	1.1	32	284	690	27.9	1.1	> 5000		0.6		1.64	2.38	> 500	
Oreas 77b (4 Acid) Cert				18.8	0.434	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15	113000		0.470		1.62	2.32	1550	
Oreas 77b (4 Acid) Meas				17.0	0.41	2.57	1.82	0.35	3.03	1.0	32	247	646	25.9	1.1	> 5000		0.5		1.55	2.19	> 500	
Oreas 77b (4 Acid) Cert				18.8	0.434	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15	113000		0.470		1.62	2.32	1550	
OREAS 683 (4 Acid) Meas				6.9	1.01	8.46	6.90	0.50	5.37	< 0.1	191	> 5000	1240	7.29	0.8	1170	0.9	0.6	0.3	0.16	1.41	86.3	0.61
OREAS 683 (4 Acid) Cert				6.51	1.03	8.63	7.15	0.507	5.23	0.072	187	7710	1200	7.32	0.75	1180	0.93	0.56	0.32	0.172	1.32	85	0.58
OREAS 681 (Fire Assay) Meas	57	254	558																				
OREAS 681 (Fire Assay) Cert	51.0	243	526																				
OREAS 681 (Fire Assay) Meas	54	229	487																				
OREAS 681 (Fire Assay) Cert	51.0	243	526																				
OREAS 86 (4																							

Analyte Symbol	Au	Pd	Pt	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu
Unit Symbol	ppb	ppb	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	2	5	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05
Method Code	FA-ICP	FA-ICP	FA-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Meas																							
OREAS 86 (4 Acid) Cert																							
OREAS 601c (4 acid) Meas				27.9	2.00	0.18	7.50	2.01	0.98	2.7	16	18	237	2.39	5.5	7.4	0.8	2.6	0.4	54.0	5.44	4.9	1.05
OREAS 601c (4 acid) Cert				26.7	1.94	0.169	7.06	2.72	0.953	2.77	15.5	17.5	230.000	2.41	4.93	6.83	0.78	2.46	0.38	50.3	5.17	4.99	1.08
OREAS 931 (4 Acid) Meas				24.5	0.21	1.53	6.06		0.48		77	48	954	11.4		30.5		1.8		17.9		48.4	
OREAS 931 (4 Acid) Cert				24.0	0.201	1.50	5.96		0.453		74.0	58.0	950	11.3		28.8		1.99		14.0		46.9	
OREAS 931 (4 Acid) Meas				26.0	0.22	1.59	6.44		0.48		80	73	1030	11.9		30.5		1.8		15.5		48.6	
OREAS 931 (4 Acid) Cert				24.0	0.201	1.50	5.96		0.453		74.0	58.0	950	11.3		28.8		1.99		14.0		46.9	
OREAS 931 (4 Acid) Meas				27.3	0.21	1.54	6.32		0.48		77	65	1010	11.4		30.7		2.0		15.0		48.1	
OREAS 931 (4 Acid) Cert				24.0	0.201	1.50	5.96		0.453		74.0	58.0	950	11.3		28.8		1.99		14.0		46.9	
OREAS 625 (4 Acid) Meas				18.1	1.97	0.26	6.59	2.32	1.10	83.0	12	16	4340	4.08	6.4	5.6	1.3	2.5	0.5	10.8	5.88	4.2	1.39
OREAS 625 (4 Acid) Cert				17.9	1.91	0.261	6.68	2.86	1.14	83	11.5	13.3	4330.000	3.98	6.36	5.98	1.24	2.57	0.54	11.7	5.94	4.21	1.36
OREAS 625 (4 Acid) Meas				16.7	1.83	0.24	6.42	2.05	1.07	78.5	10	13	4240	3.79	6.1	5.7	1.2	2.3	0.5	12.7	6.22	4.2	1.41
OREAS 625 (4 Acid) Cert				17.9	1.91	0.261	6.68	2.86	1.14	83	11.5	13.3	4330.000	3.98	6.36	5.98	1.24	2.57	0.54	11.7	5.94	4.21	1.36
C2131369 Orig	250	< 5	< 5																				
C2131369 Dup	263	< 5	< 5																				
C2131370 Orig				2.8	0.04	0.07	0.73	0.31	0.12	< 0.1	6	10	98	1.20	0.5	3.7	0.1	0.1	< 0.1	< 0.05	0.38	1.7	0.06
C2131370 Dup				3.0	0.04	0.07	0.75	0.32	0.12	< 0.1	6	11	107	1.25	0.9	3.4	0.1	0.2	< 0.1	< 0.05	0.41	1.8	0.07
Method Blank				< 0.5	< 0.01	< 0.01	< 0.01	0.03	0.01	< 0.1	< 1	5	5	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05
Method Blank				< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	3	14	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05
Method Blank				< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	8	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05
Method Blank				< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05
Method Blank	2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank				< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank																							

Analyte Symbol	Bi	Se	Zn	Ga	As	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.1	0.2	0.1	0.1	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
MP-1b Meas																							
MP-1b Cert																							
OREAS 101b (4 Acid) Meas							123			20.3						776	1360	126	384	48.7	31.5	4.6	24.4
OREAS 101b (4 Acid) Cert							133			20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas							118			18.7						784	1390	129	386	47.5	32.6	4.6	23.9
OREAS 101b (4 Acid) Cert							133			20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas							124			18.1						789	1390	126	379	47.1	34.1	4.7	24.6
OREAS 101b (4 Acid) Cert							133			20.1						754	1325	127	388	48	40	5.4	27
CCU-1d Meas																							
CCU-1d Cert																							
CZN-4 Meas																							
CZN-4 Cert																							
OREAS 903 (4 Acid) Meas	9.03	6.5	24.6	15.5	55.4	139	22.1	26		4.49	0.1	3	1.6		207	44.7	86.7					0.8	
OREAS 903 (4 Acid) Cert	8.90	6.06	24.3	15.0	49.7	137	22.5	152		4.32	0.160	2.63	1.57		197	40.0	82.0					0.830	
OREAS 903 (4 Acid) Meas	9.24	5.4	28.7	16.3	55.4	135	23.7	164		5.09	0.1	2	1.8		180	46.2	88.9					0.9	
OREAS 903 (4 Acid) Cert	8.90	6.06	24.3	15.0	49.7	137	22.5	152		4.32	0.160	2.63	1.57		197	40.0	82.0					0.830	
OREAS 903 (4 Acid) Meas	9.06	5.6	24.6	15.6	54.3	140	22.2	154		4.42	0.2	3	1.6		206	43.4	81.7					0.8	
OREAS 903 (4 Acid) Cert	8.90	6.06	24.3	15.0	49.7	137	22.5	152		4.32	0.160	2.63	1.57		197	40.0	82.0					0.830	
OREAS 903 (4 Acid) Meas	8.80	6.6	27.8	15.9	54.9	135	22.2	152		4.73	0.1	3	1.7		199	44.3	85.1					0.8	
OREAS 903 (4 Acid) Cert	8.90	6.06	24.3	15.0	49.7	137	22.5	152		4.32	0.160	2.63	1.57		197	40.0	82.0					0.830	
PTC-1b Meas																							
PTC-1b Cert																							
Oreas 77b (4 Acid) Meas	3.32		202	4.6	1670	21.2	6.6	35	2.7		0.1	1	7.5	1.4	109	16.7	29.1						
Oreas 77b (4 Acid) Cert	3.44		205	4.61	2050	19.1	6.55	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7						
Oreas 77b (4 Acid) Meas	3.25		199	4.4	1560	17.3	6.7	38	2.9		0.1	1	6.9	2.0	93	15.4	26.8						
Oreas 77b (4 Acid) Cert	3.44		205	4.61	2050	19.1	6.55	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7						
OREAS 683 (4 Acid) Meas	0.18		89.5	14.2		26.9	7.4	31	2.7	1.02	< 0.1	< 1			197	8.2	17.4	2.2	8.9	1.9	1.6	0.2	1.5
OREAS 683 (4 Acid) Cert	0.16		92	13.8		26.8	8.02	26	2.61	1.00	0.028	0.85			188	8.17	17.1	2.2	8.75	1.86	1.64	0.25	1.54
OREAS 681 (Fire Assay) Meas																							
OREAS 681 (Fire Assay) Cert																							
OREAS 681 (Fire Assay) Meas																							
OREAS 681 (Fire Assay) Cert																							
OREAS 86 (4																							

Analyte Symbol	Bi	Se	Zn	Ga	As	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.1	0.2	0.1	0.1	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Meas																							
OREAS 86 (4 Acid) Cert																							
OREAS 601c (4 acid) Meas	21.5	9.1	402	24.2	421	113	11.7	181	13.5	3.63	0.6	4	12.1	5.8		34.9	75.7	9.3	33.1	6.3	5.0	0.6	2.8
OREAS 601c (4 acid) Cert	21.1	8.75	425	23.5	390.000	115	11.5	178	14.7	3.66	0.56	4.23	37.2	7.50		37.1	75	8.41	29.8	5.76	4.65	0.55	2.66
OREAS 931 (4 Acid) Meas	209	43.2	482		11.9		20.8		11.1			48	1.7			36.3							
OREAS 931 (4 Acid) Cert	204	43.5	480		11.6		19.6		11.0			42.1	1.70			34.0							
OREAS 931 (4 Acid) Meas	208	49.5	468		11.1		20.8		12.5			45	1.9			37.3							
OREAS 931 (4 Acid) Cert	204	43.5	480		11.6		19.6		11.0			42.1	1.70			34.0							
OREAS 931 (4 Acid) Meas	196	49.0	470		13.5		21.1		11.7			45	1.7			38.6							
OREAS 931 (4 Acid) Cert	204	43.5	480		11.6		19.6		11.0			42.1	1.70			34.0							
OREAS 625 (4 Acid) Meas	8.65		> 10000	19.9	138	130	14.2	216	14.6	12.3	1.8	4	33.8	< 0.1		29.2	72.8	9.5	36.9	6.8	5.5	0.7	3.3
OREAS 625 (4 Acid) Cert	8.61		31700.00	20.6	143	135	14.9	229	14.8	12.3	2.12	3.57	35.1	0.063		34.7	72	9.74	37.3	6.80	5.46	0.72	3.52
OREAS 625 (4 Acid) Meas	8.70		> 10000	20.1	140	134	14.7	215	15.5	12.2	2.2	3	35.6	< 0.1		27.8	70.2	9.0	35.2	6.6	5.6	0.7	3.3
OREAS 625 (4 Acid) Cert	8.61		31700.00	20.6	143	135	14.9	229	14.8	12.3	2.12	3.57	35.1	0.063		34.7	72	9.74	37.3	6.80	5.46	0.72	3.52
C2131369 Orig																							
C2131369 Dup																							
C2131370 Orig	0.07	0.1	8.1	1.6	0.5	13.6	1.1	29	0.7	0.40	< 0.1	< 1	< 0.1	< 0.1	55	1.5	3.0	0.3	1.3	0.3	0.2	< 0.1	0.2
C2131370 Dup	0.08	0.2	8.9	1.7	0.5	13.9	1.2	29	0.8	0.43	< 0.1	< 1	< 0.1	< 0.1	56	1.6	3.2	0.4	1.3	0.3	0.3	< 0.1	0.2
Method Blank	< 0.02	< 0.1	0.4	< 0.1	< 0.1	0.2	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.02	< 0.1	0.3	< 0.1	0.2	< 0.2	< 0.1	< 1	< 0.1	0.06	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.02	0.4	0.9	< 0.1	0.4	< 0.2	< 0.1	< 1	< 0.1	0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.02	< 0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank	0.05	< 0.1	0.6	< 0.1	< 0.1	< 0.2	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	Sr	W	Re	Tl	Pb	Th	U	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.001
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	4Acid ICPOES
MP-1b Meas														3.02
MP-1b Cert														3.07
OREAS 101b (4 Acid) Meas	412		2.0	13.2	1.9						21.5	37.0	381	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96						23	36.4	387	
OREAS 101b (4 Acid) Meas	421		2.0	11.9	1.9						21.4	38.0	370	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96						23	36.4	387	
OREAS 101b (4 Acid) Meas	404		2.0	13.5	1.8						22.0	38.1	372	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96						23	36.4	387	
CCU-1d Meas														23.4
CCU-1d Cert														23.93
CZN-4 Meas														0.412
CZN-4 Cert														0.403
OREAS 903 (4 Acid) Meas	6710			2.4	0.4	< 0.1	82.9			0.65	10.9	15.0	7.9	
OREAS 903 (4 Acid) Cert	6520			2.36	0.360	0.540	77.0			0.620	11.3	13.6	7.58	
OREAS 903 (4 Acid) Meas	6810			2.7	0.3	0.5	87.2			0.64	11.9	15.1	7.9	
OREAS 903 (4 Acid) Cert	6520			2.36	0.360	0.540	77.0			0.620	11.3	13.6	7.58	
OREAS 903 (4 Acid) Meas	6460			2.5	0.4	0.5	82.6			0.64	11.5	14.6	7.8	
OREAS 903 (4 Acid) Cert	6520			2.36	0.360	0.540	77.0			0.620	11.3	13.6	7.58	
OREAS 903 (4 Acid) Meas	6780			2.5	0.4	0.5	83.7			0.63	11.4	14.9	7.6	
OREAS 903 (4 Acid) Cert	6520			2.36	0.360	0.540	77.0			0.620	11.3	13.6	7.58	
PTC-1b Meas														7.98
PTC-1b Cert														7.97
Oreas 77b (4 Acid) Meas	3380					0.2	35.4	2.8	0.021	1.35	58.3	6.7	1.7	
Oreas 77b (4 Acid) Cert	3426					0.280	34.4	3.07	0.0220	1.37	61.0	6.61	1.71	
Oreas 77b (4 Acid) Meas	3240					0.2	35.1	2.8	0.022	1.33	58.0	6.8	1.7	
Oreas 77b (4 Acid) Cert	3426					0.280	34.4	3.07	0.0220	1.37	61.0	6.61	1.71	
OREAS 683 (4 Acid) Meas	400		0.1	0.8	0.1		288	1.5			10.2	2.6	0.6	0.040
OREAS 683 (4 Acid) Cert	404		0.13	0.88	0.13		276	1.23			10.2	2.42	0.58	0.040
OREAS 681 (Fire Assay) Meas														
OREAS 681 (Fire Assay) Cert														
OREAS 681 (Fire Assay) Meas														
OREAS 681 (Fire Assay) Cert														

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	Sr	W	Re	Tl	Pb	Th	U	Cu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.001
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	4Acid ICPOES
OREAS 86 (4 Acid) Meas														0.565
OREAS 86 (4 Acid) Cert														0.562
OREAS 601c (4 acid) Meas	1160	< 0.1	< 0.1	0.5	< 0.1	0.3	215	3.7		1.82	343	11.1	4.7	
OREAS 601c (4 acid) Cert	1160.000	0.18	0.094	0.54	0.077	1.11	230	4.67		1.75	328	12.4	4.40	
OREAS 931 (4 Acid) Meas	> 10000						36.2	18.7			156	12.7		
OREAS 931 (4 Acid) Cert	38200						34.5	19.8			147	12.3		
OREAS 931 (4 Acid) Meas	> 10000						35.2	21.4			147	13.3		
OREAS 931 (4 Acid) Cert	38200						34.5	19.8			147	12.3		
OREAS 931 (4 Acid) Meas	> 10000						36.5	18.2			159	14.3		
OREAS 931 (4 Acid) Cert	38200						34.5	19.8			147	12.3		
OREAS 625 (4 Acid) Meas	1660		0.1	1.0	0.1	0.6	95.6	4.1	0.006	10.0	> 5000	9.3	5.6	
OREAS 625 (4 Acid) Cert	1710.000		0.17	0.96	0.14	1.11	130	3.99	0.004	9.79	8220.000	12.7	5.52	
OREAS 625 (4 Acid) Meas	1680		0.2	0.9	0.1	0.7	86.9	4.5	0.005	10.1	> 5000	8.5	5.6	
OREAS 625 (4 Acid) Cert	1710.000		0.17	0.96	0.14	1.11	130	3.99	0.004	9.79	8220.000	12.7	5.52	
C2131369 Orig														
C2131369 Dup														
C2131370 Orig	24.9	< 0.1	< 0.1	0.1	< 0.1	< 0.1	7.8	0.2	< 0.001	0.06	5.5	1.8	0.4	
C2131370 Dup	27.8	< 0.1	< 0.1	0.1	< 0.1	< 0.1	8.0	< 0.1	0.002	0.06	5.7	1.9	0.4	
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank	0.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	0.003	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank	0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	0.002	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank														
Method Blank														
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank														
Method Blank														
Method Blank														< 0.001

2024 – CERTIFICATES: Midland

2024 – Prospection : Midland

Quality Analysis ... *Innovative Technologies*

Report No.: **A24-06953**
Report Date: **29-Jul-24**
Date Submitted: **18-Jun-24**
Your Reference: **Willbob project**

MIDLAND EXPLORATION
132,BD CURE LABELLE SUITE 220
ROSEMERE QC J7A 2H1
Canada

ATTN: Richard D St-Cyr

CERTIFICATE OF ANALYSIS

124 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Val dOr	QOP AA-Au (Au - Fire Assay AA)	2024-07-08 10:15:43
1A3-Val dOr	QOP AA-Au (Au - Fire Assay Gravimetric)	2024-07-11 12:33:16

REPORT **A24-06953**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Total includes all elements in % oxide to the left of total.

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
150 Rue Georges Dumont, Val dOr, Quebec, Canada, J9P 7B2
TELEPHONE +819 824-2777 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ACTLABS GROUP WEBSITE www.actlabs.com

Report No.: **A24-06953**
Report Date: **29-Jul-24**
Date Submitted: **18-Jun-24**
Your Reference: **Willbob project**

MIDLAND EXPLORATION
132,BD CURE LABELLE SUITE 220
ROSEMERE QC J7A 2H1
Canada

ATTN: Richard D St-Cyr

CERTIFICATE OF ANALYSIS

124 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
4B (11+)	QOP WRA (Major Elements Fusion ICPOES)	2024-07-04 11:42:43
UT-4	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2024-07-08 13:52:16

REPORT **A24-06953**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Total includes all elements in % oxide to the left of total.

Values which exceed the upper limit should be assayed for accurate numbers.

Refer to the Scope of Accreditation for information on accredited elements.

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

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Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Ba	Sr	Y	Sc	Zr	Be	V	B	Li	Na
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	5	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.001	0.01		0.01	2	2	1	1	2	1	5	20	0.5	0.01
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	TD-MS	TD-MS	TD-MS
C1457501	< 5	95.80	0.69	1.35	0.017	0.35	0.22	0.03	0.03	0.030	< 0.01	0.72	99.24	14	4	2	2	4	< 1	8	< 20	3.2	0.02
C1457502	> 5000	74.78	1.75	16.55	0.181	1.45	0.37	0.07	0.45	0.053	0.20	3.93	99.80	158	6	8	1	9	< 1	14	< 20	0.7	0.05
C1457503	32	82.47	0.12	1.61	0.153	0.16	8.61	0.02	0.03	0.002	< 0.01	7.45	100.6	13	50	8	< 1	3	< 1	< 5	< 20	0.5	< 0.01
C1457504	8	73.32	4.80	14.33	0.139	2.49	0.77	< 0.01	0.03	0.011	< 0.01	4.00	99.90	15	7	3	< 1	4	< 1	29	< 20	4.3	< 0.01
C1457505	< 5	85.41	1.65	8.24	0.041	0.77	0.04	0.02	< 0.01	0.049	0.01	3.73	99.97	< 2	< 2	4	5	2	< 1	32	< 20	2.0	0.02
C1457506	< 5	78.56	4.76	9.31	0.082	2.67	0.34	0.03	0.01	0.052	0.01	2.58	98.40	6	4	3	9	13	< 1	64	< 20	10.4	0.02
C1457507	< 5	55.26	10.07	22.03	0.186	4.98	1.18	0.01	0.01	0.268	0.06	5.98	100.0	2	9	12	13	46	< 1	139	< 20	16.2	< 0.01
C1457508	< 5	56.48	5.37	25.89	0.196	3.15	1.11	0.02	0.39	0.105	0.07	7.10	99.88	173	19	8	3	26	< 1	37	< 20	3.2	< 0.01
C1457509	35	46.57	12.00	28.36	0.271	5.39	1.29	0.01	0.13	0.034	< 0.01	6.45	100.5	46	9	< 1	7	6	< 1	175	< 20	9.9	< 0.01
C1457510	3900	55.03	13.78	8.40	0.155	8.60	7.36	2.15	1.08	0.339	0.09	2.16	99.15	340	251	18	21	60	< 1	135	< 20	15.1	1.59
C1457511	< 5	75.09	1.19	15.81	0.419	2.44	0.96	0.03	0.32	0.050	0.27	2.23	98.81	122	8	13	3	12	< 1	11	< 20	1.2	0.01
C1457512	> 5000	93.44	0.21	4.07	0.028	0.16	0.23	0.02	0.04	0.011	< 0.01	1.54	99.75	21	3	< 1	< 1	2	< 1	< 5	< 20	< 0.5	0.01
C1457513	793	75.61	0.44	14.01	0.057	0.33	0.04	0.02	0.07	0.003	0.01	7.56	98.15	48	4	< 1	< 1	3	< 1	< 5	< 20	0.5	0.01
C1457514	16	27.69	3.25	2.50	0.096	12.99	20.45	1.02	0.47	0.055	0.11	31.10	99.75	70	183	6	1	16	< 1	18	< 20	9.8	0.84
C1457515	15	91.93	0.64	5.80	0.046	0.48	0.10	0.02	0.09	0.011	< 0.01	1.74	100.9	59	4	< 1	< 1	4	< 1	< 5	< 20	0.7	0.01
C1457516	25	91.83	0.32	4.82	0.096	0.19	0.18	0.03	0.05	0.002	0.02	1.30	98.82	30	4	2	< 1	2	< 1	< 5	< 20	< 0.5	0.02
C1457517	< 5	82.34	6.33	4.12	0.023	1.12	0.06	0.11	1.82	0.207	0.03	1.87	98.04	379	7	< 1	3	73	< 1	54	< 20	17.5	0.09
C1457518	39	89.10	0.54	6.57	0.270	0.36	0.34	0.03	0.13	0.006	0.02	1.73	99.09	67	7	20	< 1	4	< 1	< 5	< 20	0.8	0.02
C1457519	143	50.80	3.04	29.64	0.651	3.38	2.01	0.11	1.03	0.107	0.33	8.76	99.86	293	23	16	3	22	1	18	< 20	0.6	0.07
C1457520	< 5	64.55	14.08	7.78	0.114	2.61	3.95	3.00	1.64	0.698	0.17	0.84	99.43	725	433	59	19	177	2	117	< 20	9.5	2.29
C1457521	30	95.40	0.17	1.97	0.032	0.10	0.08	0.02	0.02	0.005	0.02	0.32	98.14	14	2	< 1	< 1	3	< 1	< 5	< 20	< 0.5	0.01
C1457522	< 5	62.49	5.53	10.07	0.195	3.18	8.24	0.06	0.04	0.844	0.07	8.75	99.46	18	52	24	27	40	< 1	202	< 20	26.1	0.04
C1457523	< 5	90.98	0.10	1.05	0.028	0.04	3.15	0.03	< 0.01	0.005	< 0.01	2.67	98.04	4	6	< 1	1	4	< 1	< 5	< 20	< 0.5	0.02
C1457524	< 5	56.02	1.39	1.98	0.106	1.24	21.21	0.02	< 0.01	0.002	0.01	17.15	99.14	2	21	< 1	< 1	3	< 1	11	< 20	4.3	< 0.01
C1457525	< 5	80.75	0.88	1.25	0.051	0.47	8.71	0.13	0.03	0.017	0.01	6.45	98.74	9	14	1	2	3	< 1	15	< 20	1.8	0.10
C1457526	< 5	94.21	0.34	3.56	0.062	0.19	0.32	0.02	0.04	0.007	< 0.01	0.52	99.26	17	5	2	< 1	4	< 1	13	< 20	0.6	< 0.01
C1457527	< 5	83.75	3.53	6.56	0.307	2.29	0.34	0.03	0.01	0.014	0.04	2.09	98.96	6	10	< 1	1	4	< 1	20	< 20	10.9	0.01
C1457528	< 5	54.58	9.71	19.65	2.577	3.98	1.22	0.57	1.30	0.388	0.16	4.77	98.89	475	41	12	7	122	1	58	< 20	40.2	0.42
C1457529	< 5	79.92	3.97	5.03	0.261	1.62	2.75	0.94	0.64	0.104	0.12	3.14	98.50	133	84	4	2	47	< 1	18	< 20	16.5	0.72
C1457530	3980	54.88	13.73	8.53	0.155	8.27	7.39	2.13	1.07	0.342	0.08	2.20	98.77	334	249	18	20	67	< 1	133	< 20	14.6	1.68
C1457531	5	95.62	0.43	2.01	0.021	0.05	0.06	0.03	0.11	0.002	< 0.01	0.33	98.67	18	4	< 1	< 1	3	< 1	< 5	< 20	< 0.5	0.02
C1457551	< 5	80.72	4.62	4.45	0.073	2.63	2.44	0.67	0.08	0.312	0.04	3.18	99.21	51	10	5	14	15	< 1	92	< 20	12.1	0.54
C1457552	< 5	98.68	0.17	1.12	0.011	0.05	0.19	0.03	< 0.01	0.003	< 0.01	0.19	100.5	3	3	< 1	< 1	2	< 1	< 5	< 20	0.6	0.02
C1457553	< 5	97.38	0.41	1.65	0.018	0.21	0.19	0.02	< 0.01	0.002	< 0.01	0.35	100.2	< 2	3	< 1	1	2	< 1	8	< 20	1.3	< 0.01
C1457554	6	82.68	3.38	9.13	0.058	1.78	0.03	0.02	< 0.01	0.006	< 0.01	2.44	99.52	< 2	< 2	< 1	2	4	< 1	20	< 20	3.3	< 0.01
C1457555	160	66.55	2.33	20.73	0.051	1.30	0.18	0.01	< 0.01	0.009	0.02	8.29	99.47	< 2	2	< 1	4	4	< 1	35	< 20	3.1	< 0.01
C1457556	< 5	96.94	0.42	1.98	0.014	0.17	0.15	0.02	< 0.01	0.002	< 0.01	0.29	99.99	< 2	2	< 1	1	2	< 1	11	< 20	1.8	< 0.01
C1457557	5	52.21	5.08	30.13	0.269	4.32	0.08	0.02	1.02	0.179	0.04	7.55	100.9	488	19	12	4	42	< 1	38	< 20	1.6	0.01
C1457558	< 5	96.07	0.88	1.41	0.019	0.55	0.26	0.11	< 0.01	0.048	0.03	0.65	100.1	14	4	1	3	4	< 1	17	< 20	2.9	0.09
C1457559	< 5	37.74	15.48	13.12	0.218	10.12	8.39	2.20	0.15	0.730	0.05	11.28	99.48	50	44	14	51	40	< 1	288	< 20	43.3	1.57
C1457560	3780	55.74	13.92	8.28	0.158	8.52	7.45	2.21	1.11	0.342	0.10	2.29	100.1	348	254	17	21	58	< 1	139	< 20	15.1	1.78
C1457561	281	48.29	10.63	13.49	0.207	7.61	7.40	0.59	0.01	0.876	0.05	9.70	98.87	7	55	13	41	46	< 1	301	< 20	44.6	0.42
C1457562	< 5	99.31	0.16	1.10	0.009	0.06	0.07	0.03	< 0.01	0.008	< 0.01	0.09	100.9	4	3	< 1	< 1	4	< 1	< 5	< 20	0.6	0.02
C1457563	5	84.90	3.35	3.25	0.059	2.30	2.54	0.30	0.07	0.144	0.01	3.09	100.0	20	12	3	13	9	< 1	59	< 20	12.2	0.25
C1457564	< 5	84.14	1.22	8.96	0.318	1.35	0.34	0.02	0.26	0.047	0.04	2.74	99.43	138	6	6	1	12	< 1	20	< 20	0.6	< 0.01
C1457565	< 5	72.60	2.08	15.09	0.452	2.27	0.45	0.03	0.46	0.083	0.11	4.55	98.17	230	8	14	2	20	< 1	28	< 20	0.9	0.02
C1457566	68	84.69	4.23	6.59	0.099	2.49	0.76	0.01	0.21	0.051	0.03	1.80	101.0	16	13	4	10	12	< 1	32	< 20	15.4	< 0.01
C1457567	5	73.47	8.00	9.77	0.179	4.71	0.55	0.37	0.44	0.135	0.08	2.80	100.5	33	9	16	7	153	< 1	27	< 20	34.2	0.33
C1457568	< 5	94.66	1.00	2.33	0.097	0.49	0.96	0.09	0.20	0.038	< 0.01	1.12	101.0	49	16	2	1	11	< 1	9	< 20	4.9	0.07

Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Ba	Sr	Y	Sc	Zr	Be	V	B	Li	Na
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	5	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.001	0.01		0.01	2	2	1	1	2	1	5	20	0.5	0.01
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	TD-MS	TD-MS	TD-MS
C1457569	< 5	97.88	0.10	1.26	0.021	0.04	0.86	0.02	< 0.01	0.002	< 0.01	0.59	100.8	3	6	< 1	< 1	2	< 1	< 5	< 20	< 0.5	0.01
C1457570	5	70.39	9.04	11.69	0.194	1.73	0.08	0.57	1.56	0.239	0.04	2.95	98.48	306	19	4	6	53	1	49	< 20	24.2	0.45
C1457651	< 5	74.10	1.17	11.87	0.305	1.64	4.96	0.05	0.45	0.051	0.02	5.21	99.83	116	36	10	1	12	< 1	11	< 20	0.6	0.03
C1457652	6	55.47	2.59	25.53	0.453	3.54	4.33	0.08	0.84	0.063	0.12	5.86	98.87	253	34	13	2	16	1	24	< 20	0.8	0.06
C1457653	< 5	62.56	2.97	25.13	0.450	2.91	0.83	0.18	0.87	0.096	0.10	4.69	100.8	272	10	10	3	29	1	26	< 20	0.9	0.12
C1457654	144	54.61	4.41	28.74	0.269	2.84	1.26	0.32	0.79	0.241	0.10	6.10	99.69	419	18	16	4	45	< 1	79	< 20	2.6	0.22
C1457655	28	62.64	5.69	20.26	0.097	3.17	0.59	0.01	0.01	0.251	0.04	6.03	98.78	4	4	12	6	50	< 1	52	< 20	4.3	< 0.01
C1457656	7	65.47	5.49	17.58	0.294	2.77	1.82	0.03	0.09	0.180	0.06	4.89	98.67	43	15	12	7	30	< 1	69	< 20	4.6	0.02
C1457657	3740	51.75	3.09	27.23	0.214	2.62	0.70	0.03	0.51	0.098	0.49	11.23	97.96	224	8	19	3	20	< 1	29	< 20	1.1	0.02
C1457658	2960	68.34	3.41	19.53	0.157	2.10	0.24	0.02	0.14	0.034	0.03	6.38	100.4	75	4	6	2	5	< 1	46	< 20	1.9	< 0.01
C1457659	11	64.88	3.35	20.95	0.073	2.03	0.26	0.01	0.08	0.107	0.07	7.02	98.84	37	5	4	4	24	< 1	69	< 20	1.8	< 0.01
C1457660	3930	54.96	13.50	8.45	0.155	8.27	7.44	2.12	1.07	0.342	0.08	2.19	98.58	334	252	17	21	59	< 1	136	< 20	13.7	1.45
C1457661	7	65.65	6.58	16.24	0.122	4.18	1.01	0.01	0.04	0.088	0.05	5.01	98.98	16	18	4	9	19	< 1	172	< 20	7.3	< 0.01
C1457662	9	58.39	2.99	26.91	0.306	2.86	0.44	0.13	0.78	0.092	0.04	7.55	100.5	335	10	5	2	21	< 1	24	< 20	0.7	0.08
C1457663	12	87.09	0.30	8.66	0.086	0.66	0.04	0.01	0.09	0.007	< 0.01	2.03	98.99	42	< 2	< 1	< 1	4	< 1	< 5	< 20	< 0.5	< 0.01
C1457664	8	67.28	6.03	18.09	0.119	2.77	0.37	0.01	0.02	0.502	0.10	4.46	99.75	5	4	11	8	61	< 1	52	< 20	5.1	< 0.01
C1457665	819	66.49	2.60	22.22	0.259	2.25	0.16	0.06	0.65	0.039	0.01	5.46	100.2	231	6	3	2	10	< 1	14	< 20	< 0.5	0.04
C1457666	86	64.17	3.20	22.19	0.242	2.50	0.49	0.12	0.94	0.055	0.11	4.92	98.93	323	11	4	1	13	< 1	17	< 20	0.7	0.08
C1457667	16	52.09	2.79	28.73	0.554	2.89	3.02	0.08	0.84	0.077	0.16	8.46	99.70	276	29	15	2	18	< 1	17	< 20	0.6	0.06
C1457668	10	49.33	3.91	29.99	0.457	4.05	2.04	0.30	1.41	0.131	0.05	9.27	100.9	417	23	13	3	29	2	32	< 20	0.8	0.20
C1457669	10	91.34	0.48	4.92	0.126	0.42	0.73	0.03	0.14	0.008	0.02	1.74	99.95	48	6	7	< 1	3	< 1	5	< 20	1.1	0.02
C1457670	< 5	62.27	14.91	8.03	0.073	3.07	3.64	3.04	2.63	0.913	0.24	1.18	100.0	1304	425	25	18	164	1	154	< 20	13.6	2.30
C1457671	12	77.34	5.30	11.45	0.096	2.47	0.25	0.02	0.01	0.039	< 0.01	2.60	99.58	5	3	2	5	4	< 1	67	< 20	14.1	0.01
C1457672	6	58.24	8.32	23.88	0.150	3.65	0.30	0.01	0.09	0.093	0.05	5.75	100.5	42	6	3	5	5	< 1	100	< 20	9.8	< 0.01
C1457673	324	80.95	1.45	11.72	0.222	1.26	0.92	0.04	0.39	0.012	0.04	3.64	100.6	127	13	4	< 1	5	< 1	14	< 20	< 0.5	0.02
C1457674	< 5	88.06	0.78	5.72	0.240	0.55	1.97	0.02	0.01	0.009	0.04	3.24	100.6	10	13	3	2	5	< 1	10	< 20	3.9	< 0.01
C1457675	< 5	88.83	1.28	6.48	0.206	0.54	0.96	0.02	0.02	0.017	0.02	2.19	100.6	13	8	3	2	4	< 1	15	< 20	4.5	0.01
C1457676	< 5	56.16	7.99	20.89	0.602	3.90	3.48	0.02	0.08	0.135	0.14	7.26	100.6	28	24	14	5	23	< 1	90	< 20	9.9	< 0.01
C1457677	9	44.93	12.57	24.19	0.269	5.14	1.67	1.79	0.02	2.137	0.10	7.17	99.99	4	17	16	54	66	< 1	966	< 20	18.3	1.33
C1457678	8	41.06	5.75	35.05	0.458	5.04	0.26	0.03	1.34	0.200	0.31	10.92	100.4	311	22	8	5	43	< 1	92	< 20	1.9	0.02
C1457679	44	71.84	5.02	13.72	0.171	2.63	0.76	0.03	0.30	0.203	0.02	5.13	99.83	137	5	2	18	13	< 1	76	100	12.7	0.02
C1457680	3980	55.41	13.99	8.87	0.158	8.48	7.33	2.24	1.12	0.346	0.08	2.51	100.5	348	257	18	21	61	< 1	135	< 20	14.3	1.66
C1457681	< 5	92.52	2.60	3.43	0.048	0.16	0.16	0.47	0.53	0.073	0.03	0.92	100.9	84	13	1	2	16	< 1	27	< 20	2.3	0.38
C1457682	6	94.72	2.31	1.99	0.024	0.08	0.04	0.72	0.33	0.068	0.02	0.55	100.9	50	17	2	2	33	< 1	6	< 20	1.5	0.68
C1457701	< 5	47.96	3.90	27.27	0.376	3.90	5.31	0.48	1.30	0.138	0.08	9.22	99.94	389	37	14	3	31	2	36	< 20	1.1	0.34
C1457702	< 5	58.48	3.78	24.43	0.308	3.64	1.79	0.47	1.23	0.150	0.11	6.50	100.9	379	19	12	3	32	2	36	< 20	1.2	0.33
C1457703	< 5	51.96	2.29	18.54	0.430	2.77	11.43	0.10	0.76	0.056	0.21	11.00	99.56	218	85	18	2	15	< 1	22	< 20	0.7	0.07
C1457704	< 5	55.54	2.35	15.63	0.484	3.03	10.55	0.09	0.77	0.056	0.09	10.62	99.21	238	71	14	2	24	< 1	16	< 20	1.1	0.06
C1457705	4660	46.97	4.25	32.82	0.458	4.01	1.19	0.69	1.30	0.128	0.08	7.42	99.32	521	16	8	3	28	1	32	< 20	2.0	0.44
C1457706	> 5000	88.77	0.62	8.04	0.256	0.30	0.31	0.02	0.05	0.007	0.06	1.99	100.4	47	5	18	< 1	3	< 1	8	< 20	0.9	0.01
C1457707	632	58.33	2.44	25.55	0.712	2.37	2.18	0.02	0.66	0.092	0.03	7.96	100.4	306	31	9	2	22	< 1	15	< 20	< 0.5	0.01
C1457708	8	75.95	4.60	13.34	0.139	2.43	0.59	0.02	0.03	0.133	0.03	3.60	100.9	12	5	8	6	28	< 1	53	< 20	4.2	< 0.01
C1457709	55	89.80	5.36	1.22	0.013	0.23	0.16	2.52	0.26	0.102	0.05	0.49	100.2	112	43	3	1	104	< 1	11	< 20	4.8	2.17
C1457710	3780	55.49	13.80	8.74	0.159	8.46	7.44	2.20	1.09	0.346	0.09	2.44	100.3	343	257	18	21	61	< 1	136	< 20	16.0	1.80
C1457711	14	61.52	7.91	21.86	0.196	3.30	0.29	0.04	0.05	0.329	0.07	5.35	100.9	16	6	13	8	74	< 1	71	< 20	12.7	0.03
C1457712	64	88.36	2.09	3.41	0.047	1.72	1.03	0.04	< 0.01	0.006	< 0.01	1.79	98.50	4	4	< 1	< 1	3	< 1	11	< 20	9.0	0.03
C1457713	< 5	15.86	0.96	6.12	0.316	13.96	24.64	0.03	0.20	0.149	0.06	36.59	98.89	28	50	7	2	14	< 1	21	< 20	6.6	0.02
C1457714	5	89.48	0.87	5.32	0.100	0.83	0.33	0.02	0.23	0.021	0.05	1.53	98.77	84	7	1	< 1	7	< 1	8	< 20	0.7	0.02
C1457715	< 5	49.15	2.83	34.64	0.674	5.84	0.35	0.03	0.46	0.124	0.18	5.70	99.98	302	9	7	5	30	< 1	28	< 20	1.4	0.01
C1457716	< 5	47.66	5.27	31.04	0.524	4.74	1.46	0.13	1.31	0.175	0.11	8.37	100.8	593	23	19	5	45	1	45	< 20	1.7	0.09

Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Ba	Sr	Y	Sc	Zr	Be	V	B	Li	Na
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	5	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.001	0.01		0.01	2	2	1	1	2	1	5	20	0.5	0.01
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	TD-MS	TD-MS	TD-MS
C1457717	8	62.52	2.77	22.96	0.245	3.12	0.40	0.09	0.67	0.076	0.29	7.18	100.3	305	7	13	2	18	1	48	< 20	0.9	0.07
C1457718	1070	81.52	1.31	10.61	0.135	1.36	0.51	0.07	0.33	0.027	0.03	2.70	98.61	147	8	4	1	8	< 1	7	< 20	0.7	0.05
C1457719	74	51.54	3.73	33.61	0.499	3.89	0.16	0.04	0.99	0.099	0.06	6.14	100.8	413	5	3	3	22	< 1	22	< 20	0.7	0.02
C1457720	3740	55.87	13.88	8.70	0.159	8.63	7.47	2.21	1.10	0.347	0.09	2.38	100.8	342	257	18	21	62	< 1	140	< 20	15.4	1.72
C1457721	54	97.06	0.22	2.69	0.036	0.10	0.26	0.02	0.02	0.015	< 0.01	0.30	100.7	12	3	1	< 1	2	< 1	< 5	< 20	< 0.5	0.01
C1457722	< 5	85.51	0.61	9.42	0.112	0.75	0.98	0.02	0.20	0.024	0.02	2.84	100.5	65	10	4	< 1	7	< 1	10	< 20	0.5	0.01
C1457723	< 5	62.42	5.78	23.44	0.207	2.96	0.29	0.04	0.31	0.216	0.04	5.03	100.7	163	11	13	7	47	< 1	45	< 20	4.1	0.02
C1457724	< 5	77.12	0.95	11.33	0.242	1.62	2.11	0.02	0.13	0.033	0.55	4.13	98.23	65	14	18	< 1	10	< 1	15	< 20	1.1	< 0.01
C1457725	34	51.37	8.73	27.28	0.210	2.82	0.56	0.02	0.14	1.449	0.13	7.17	99.87	50	4	24	29	98	< 1	225	< 20	19.8	< 0.01
C1457726	5	54.18	2.26	29.47	0.524	2.21	1.23	0.08	0.58	0.089	0.03	9.47	100.1	225	14	11	2	21	1	20	< 20	0.6	0.05
C1457727	218	89.44	0.64	6.49	0.161	0.63	0.98	0.05	0.18	0.012	0.07	2.03	100.7	58	10	7	< 1	4	< 1	6	< 20	0.6	0.04
C1457728	148	46.01	4.00	33.30	0.525	3.92	1.10	0.47	1.28	0.126	0.20	8.66	99.59	379	12	11	3	28	2	25	< 20	0.9	0.30
C1457729	< 5	60.88	15.07	9.69	0.091	4.71	0.37	0.08	3.37	0.524	0.05	4.51	99.35	736	12	6	8	206	1	115	40	61.3	0.06
C1457730	6	41.22	10.43	29.19	0.473	4.54	4.12	0.02	0.02	0.045	0.09	9.61	99.78	5	28	8	4	5	< 1	108	< 20	15.3	0.01
C1457731	46	45.47	4.44	35.71	0.333	3.79	1.13	0.35	1.31	0.127	0.05	7.69	100.4	439	14	5	3	28	1	46	< 20	1.1	0.23
C1457732	8	44.79	3.77	24.44	0.213	11.01	7.74	0.11	0.05	0.256	0.03	7.14	99.54	8	3	5	26	17	< 1	134	< 20	6.9	0.07
C1457733	< 5	76.89	4.12	12.44	0.158	1.95	0.13	0.28	0.71	0.140	0.04	3.86	100.7	90	4	7	3	47	< 1	41	< 20	20.9	0.22
C1457734	< 5	67.02	1.07	14.50	0.592	1.74	5.60	0.03	0.29	0.027	0.12	8.67	99.65	85	42	18	< 1	7	< 1	10	< 20	0.9	0.01
C1457735	6	56.65	2.79	27.54	0.150	1.24	0.47	0.02	0.02	0.020	0.16	10.04	99.10	10	5	8	2	10	< 1	28	< 20	3.0	< 0.01
C1457736	32	47.61	6.32	24.86	0.385	3.41	5.82	0.01	0.03	0.189	1.10	9.35	99.08	10	63	29	6	28	< 1	64	< 20	9.0	< 0.01
C1457737	< 5	95.04	0.49	3.77	0.078	0.35	0.08	0.02	0.07	0.003	< 0.01	0.80	100.7	33	4	< 1	< 1	2	< 1	8	< 20	0.8	0.01
C1457738	< 5	67.90	8.41	13.24	0.155	4.54	1.84	0.02	0.02	0.219	0.03	4.28	100.7	7	35	7	22	14	< 1	187	< 20	23.0	0.01
C1457739	66	45.32	7.57	28.55	0.393	1.21	2.13	0.48	1.83	0.227	1.61	10.41	99.72	216	81	35	6	53	1	72	< 20	13.0	0.30
C1457740	< 5	62.95	14.12	9.19	0.083	3.29	3.43	2.78	2.19	0.963	0.20	0.76	99.98	942	393	25	20	206	1	161	< 20	14.6	2.14
C1457741	33	78.66	4.33	9.44	0.149	0.55	0.59	0.19	1.14	0.133	0.14	3.21	98.55	166	28	5	3	21	< 1	41	< 20	8.1	0.15

Analyte Symbol	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se	Zn	Ga	As
Unit Symbol	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1	0.2	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C1457501	0.22	0.39	0.04	0.15	< 0.1	15	15	135	0.91	< 0.1	4.2	0.2	< 0.1	< 0.1	< 0.05	0.06	1.8	0.08	< 0.02	< 0.1	6.1	1.3	0.5
C1457502	0.85	0.87	0.40	0.24	< 0.1	12	13	1300	10.8	0.2	4.3	0.7	0.4	0.3	0.61	5.97	3.6	0.24	0.69	2.3	33.4	1.7	2.3
C1457503	0.09	0.06	0.03	6.09	0.2	2	6	1140	1.09	< 0.1	0.8	1.0	< 0.1	0.3	< 0.05	0.31	0.4	0.10	< 0.02	0.4	4.2	0.4	1.7
C1457504	1.46	2.50	0.02	0.56	< 0.1	24	11	1050	10.1	< 0.1	9.3	0.2	0.2	< 0.1	0.14	0.39	7.2	0.10	0.07	2.1	50.9	8.1	0.5
C1457505	0.52	0.91	0.01	0.04	< 0.1	28	14	320	6.09	< 0.1	14.5	0.5	0.1	0.1	0.13	0.07	8.7	< 0.05	0.05	2.5	22.6	3.4	3.6
C1457506	1.71	2.41	0.02	0.23	< 0.1	55	32	616	6.51	0.3	11.8	0.2	0.2	< 0.1	0.06	0.10	5.5	0.19	0.03	0.5	44.9	7.3	2.2
C1457507	2.96	5.72	0.01	0.76	< 0.1	126	30	1350	14.6	1.2	9.5	0.9	0.3	0.4	0.13	0.25	8.9	0.73	< 0.02	0.3	99.2	16.8	1.1
C1457508	1.92	2.95	0.33	0.74	< 0.1	27	25	1440	17.7	0.6	16.8	0.6	0.4	0.3	0.19	4.81	16.3	0.41	0.08	3.9	65.4	7.0	0.3
C1457509	3.25	6.24	0.12	0.88	< 0.1	153	12	2020	18.9	< 0.1	6.3	0.1	0.3	< 0.1	0.06	1.41	5.2	< 0.05	0.25	0.5	85.0	22.8	0.5
C1457510	4.98	7.74	1.01	5.17	0.8	129	323	1150	5.81	1.4	286	2.1	0.9	0.7	17.4	2.39	39.7	0.58	0.83	0.9	160	12.3	11.0
C1457511	1.34	0.62	0.28	0.65	< 0.1	10	15	2960	10.5	0.2	3.8	1.3	0.5	0.5	0.07	3.68	2.0	0.33	0.04	0.5	51.8	1.1	0.7
C1457512	0.09	0.13	0.04	0.16	< 0.1	4	15	224	2.79	< 0.1	7.5	< 0.1	< 0.1	< 0.1	34.3	0.61	3.5	< 0.05	0.59	1.1	4.2	0.5	2.7
C1457513	0.19	0.24	0.07	0.03	< 0.1	4	12	422	10.0	< 0.1	18.5	0.1	< 0.1	< 0.1	0.10	1.31	13.1	< 0.05	0.08	7.7	8.4	0.7	1.6
C1457514	8.19	1.83	0.46	15.7	< 0.1	15	9	764	1.72	0.3	2.4	0.6	0.4	0.2	< 0.05	0.53	1.3	0.46	< 0.02	0.5	24.0	2.5	< 0.1
C1457515	0.33	0.36	0.10	0.07	< 0.1	6	12	359	4.19	< 0.1	2.4	0.1	0.2	< 0.1	< 0.05	1.80	1.1	< 0.05	0.02	0.6	10.8	0.9	2.6
C1457516	0.11	0.18	0.06	0.12	< 0.1	4	14	732	3.11	< 0.1	2.4	0.1	0.1	< 0.1	< 0.05	0.42	1.1	0.06	0.03	0.3	4.7	0.7	2.9
C1457517	0.76	3.53	1.63	0.05	< 0.1	47	31	179	2.86	1.6	3.8	0.2	0.7	< 0.1	0.38	1.36	1.2	< 0.05	0.70	3.0	41.2	7.5	0.3
C1457518	0.22	0.29	0.12	0.24	0.2	5	15	2060	4.77	< 0.1	5.8	1.5	0.2	0.4	< 0.05	1.40	3.0	0.15	0.02	0.4	14.2	0.7	2.9
C1457519	1.89	1.51	0.88	1.44	0.2	17	23	4620	20.1	0.4	9.7	1.2	0.9	0.5	0.11	11.2	6.2	0.52	< 0.02	0.8	47.1	2.0	2.6
C1457520	1.62	7.91	1.47	2.81	0.2	62	66	878	5.48	3.2	43.1	7.6	1.6	2.3	0.05	0.65	18.7	1.58	< 0.02	0.5	88.5	15.1	1.1
C1457521	0.06	0.09	0.03	0.05	< 0.1	4	22	247	1.37	< 0.1	3.3	0.1	< 0.1	< 0.1	< 0.05	0.34	0.8	< 0.05	< 0.02	< 0.1	6.9	0.5	2.2
C1457522	1.93	3.09	0.04	5.83	0.1	134	9	1390	7.19	0.9	22.4	1.4	0.4	0.5	< 0.05	0.16	30.5	0.88	< 0.02	0.4	59.3	8.0	0.6
C1457523	0.02	0.05	0.01	2.17	< 0.1	3	8	205	0.68	< 0.1	2.2	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	0.6	< 0.05	< 0.02	0.1	2.9	0.4	1.4
C1457524	0.70	0.69	< 0.01	13.9	< 0.1	8	10	742	1.23	< 0.1	15.0	0.1	< 0.1	< 0.1	< 0.05	< 0.05	4.1	< 0.05	< 0.02	< 0.1	11.3	0.9	< 0.1
C1457525	0.31	0.49	0.03	6.24	< 0.1	15	22	384	0.88	< 0.1	6.8	0.2	< 0.1	< 0.1	< 0.05	< 0.05	2.1	< 0.05	< 0.02	0.3	5.7	0.9	1.2
C1457526	0.11	0.17	0.03	0.20	< 0.1	10	13	414	2.12	< 0.1	4.0	0.3	< 0.1	< 0.1	0.07	0.55	1.6	0.08	< 0.02	< 0.1	6.5	0.7	0.7
C1457527	1.49	2.04	0.02	0.25	< 0.1	19	12	2240	4.69	< 0.1	8.1	0.1	0.2	< 0.1	< 0.05	0.16	5.4	< 0.05	< 0.02	0.5	47.3	6.2	1.7
C1457528	2.48	5.10	1.23	0.85	< 0.1	48	47	> 10000	13.7	2.6	22.0	1.5	1.1	0.5	0.27	6.01	19.9	0.54	0.69	2.8	83.4	10.9	6.6
C1457529	1.03	2.19	0.62	1.94	< 0.1	17	17	1780	3.62	< 0.1	7.7	0.6	0.5	0.2	0.06	3.00	3.8	0.27	0.07	0.4	31.1	4.8	2.5
C1457530	5.38	7.70	1.05	5.56	0.9	142	372	1220	6.31	1.4	293	2.1	0.9	0.7	17.3	2.44	42.2	0.60	0.79	0.9	169	12.8	13.0
C1457531	0.03	0.23	0.11	0.04	0.1	4	11	167	1.35	< 0.1	4.0	< 0.1	< 0.1	< 0.1	0.84	0.17	0.9	< 0.05	0.21	0.7	7.8	1.6	1.8
C1457551	1.69	2.74	0.09	1.81	< 0.1	89	130	567	3.18	0.3	35.8	0.6	0.2	0.2	< 0.05	0.07	16.3	0.33	< 0.02	0.5	33.1	4.8	0.9
C1457552	0.02	0.10	0.01	0.14	< 0.1	6	16	80	0.78	< 0.1	3.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	0.7	< 0.05	< 0.02	0.3	4.2	0.6	2.2
C1457553	0.13	0.22	< 0.01	0.13	< 0.1	8	18	135	1.10	< 0.1	4.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	0.9	< 0.05	< 0.02	< 0.1	5.9	0.9	0.7
C1457554	1.16	2.00	< 0.01	0.02	< 0.1	18	12	433	6.78	< 0.1	4.8	0.1	0.1	< 0.1	0.11	0.10	3.9	0.06	0.57	1.0	40.2	5.5	2.3
C1457555	0.75	1.18	0.01	0.12	0.2	36	12	396	15.3	< 0.1	65.3	< 0.1	0.1	< 0.1	0.65	0.07	40.5	0.07	0.58	12.3	29.9	4.3	9.0
C1457556	0.11	0.23	0.01	0.10	< 0.1	11	12	110	1.35	< 0.1	3.2	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	1.0	< 0.05	< 0.02	< 0.1	5.7	1.0	2.8
C1457557	2.45	2.50	0.92	0.06	< 0.1	30	34	1970	20.8	1.0	14.8	0.6	0.9	0.2	0.18	15.1	7.6	0.30	0.17	2.2	43.8	3.7	2.4
C1457558	0.36	0.50	0.02	0.18	< 0.1	17	38	152	0.95	< 0.1	6.5	0.1	< 0.1	< 0.1	< 0.05	< 0.05	3.0	< 0.05	< 0.02	< 0.1	7.3	1.3	1.2
C1457559	5.88	8.38	0.14	5.94	0.2	265	74	1690	9.66	0.7	85.5	1.9	0.5	0.6	0.09	0.08	49.5	0.44	< 0.02	0.6	90.5	15.1	0.8
C1457560	5.30	8.02	1.06	5.25	0.8	142	332	1260	6.32	1.4	299	2.2	0.9	0.7	17.2	2.29	41.9	0.59	0.97	0.9	168	12.7	12.7
C1457561	4.56	5.70	0.02	5.07	0.5	236	29	1530	9.41	0.7	217	1.1	0.4	0.4	1.55	0.09	91.7	0.37	0.41	1.8	95.4	14.0	151
C1457562	0.04	0.09	0.02	0.05	< 0.1	4	8	78	0.77	< 0.1	3.8	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	1.0	< 0.05	< 0.02	< 0.1	2.7	0.5	1.8
C1457563	1.59	2.15	0.07	1.89	< 0.1	52	64	525	2.33	0.1	26.6	0.4	0.1	0.1	< 0.05	0.07	11.2	0.14	< 0.02	0.4	22.8	3.5	1.8
C1457564	0.90	0.72	0.26	0.25	< 0.1	18	16	2460	6.51	0.3	6.1	0.5	0.6	0.2	0.05	3.82	2.8	0.21	0.02	0.7	26.4	1.2	1.5
C1457565	1.50	1.17	0.43	0.32	< 0.1	29	28	3460	10.6	0.5	9.9	1.0	0.8	0.4	0.08	7.06	5.0	0.33	0.03	1.5	41.5	1.7	0.7
C1457566	1.59	2.53	0.22	0.57	0.5	27	107	781	4.65	0.2	25.2	0.6	0.2	0.2	2.51	0.73	10.8	0.80	0.06	2.1	32.5	4.8	0.9
C1457567	3.17	4.63	0.47	0.40	< 0.1	24	61	1390	6.92	3.4	56.0	1.8	0.2	0.7	0.12	1.70	22.3	0.75	< 0.02	0.4	47.8	6.9	1.7
C1457568	0.29	0.50	0.19	0.65	0.1	8	20	670	1.50	0.2	4.1	0.4	0.1	< 0.1	0.06	1.02	1.5	0.14	0.06	< 0.1	11.9	1.7	0.2
C1457569	0.03	0.06	0.01	0.65	< 0.1	3	16	185	0.64	< 0.1	4.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	1.2	< 0.05	< 0.02	< 0.1	1.8	0.4	2.3
C1457570	1.10	5.29	1.54	0.06	0.1	40	56	1540	8.33	1.2	20.4	0.3	1.4	0.1	0.16	1.04	20.5	0.47	0.04	1.3	107	13.3	9.0

Analyte Symbol	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se	Zn	Ga	As
Unit Symbol	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1	0.2	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C1457651	1.04	0.62	0.44	3.58	0.2	9	23	2320	8.20	0.3	8.4	1.0	0.8	0.3	< 0.05	4.53	3.0	0.26	< 0.02	0.7	31.7	1.2	2.4
C1457652	1.96	1.34	0.75	2.87	0.2	21	79	3230	16.6	0.4	7.3	1.4	1.0	0.5	0.08	9.94	5.4	0.29	0.03	0.8	52.6	2.1	3.2
C1457653	1.66	1.53	0.74	0.52	< 0.1	21	22	3410	16.4	0.5	7.8	1.1	1.0	0.4	0.11	11.1	5.1	0.34	0.04	0.9	66.3	3.3	3.5
C1457654	1.54	2.31	0.67	0.80	< 0.1	59	28	2030	19.0	1.2	15.6	1.4	0.7	0.6	0.17	10.3	20.4	0.64	0.15	2.4	105	5.6	0.3
C1457655	1.84	2.97	0.02	0.41	< 0.1	41	44	728	13.8	1.5	26.0	1.0	0.2	0.4	0.34	0.12	19.8	0.70	0.18	7.6	49.2	10.4	1.4
C1457656	1.77	2.95	0.10	1.23	< 0.1	61	41	2200	12.5	0.8	15.5	0.9	0.3	0.3	0.13	0.89	7.3	0.54	0.12	2.1	58.9	9.1	1.2
C1457657	1.55	1.47	0.46	0.48	< 0.1	26	23	1500	18.3	0.5	34.3	1.8	0.5	0.7	0.31	7.05	21.4	0.61	0.34	8.2	50.2	4.2	2.0
C1457658	1.17	1.73	0.12	0.14	< 0.1	37	16	1070	12.6	< 0.1	16.9	0.6	0.3	0.2	0.23	1.92	10.5	0.16	0.46	4.4	35.4	5.9	0.6
C1457659	1.06	1.61	0.07	0.16	< 0.1	55	29	504	14.0	0.6	20.7	0.4	0.2	0.2	0.46	1.23	21.4	0.18	0.31	8.1	30.5	5.6	0.4
C1457660	4.69	6.95	0.89	4.72	0.8	139	320	1210	5.88	1.5	289	2.0	0.8	0.7	16.6	2.32	39.8	0.57	0.83	0.9	161	12.1	10.9
C1457661	2.60	3.54	0.04	0.72	< 0.1	174	22	932	11.4	0.5	13.8	0.4	0.3	0.1	0.38	0.66	24.5	0.21	0.79	2.1	56.7	13.2	8.8
C1457662	1.54	1.38	0.63	0.25	< 0.1	20	38	2050	16.9	0.5	9.2	0.5	0.4	0.2	0.20	10.5	8.7	0.18	0.08	3.9	32.1	3.6	1.5
C1457663	0.36	0.14	0.07	0.02	< 0.1	4	12	613	5.65	< 0.1	1.2	< 0.1	0.1	< 0.1	< 0.05	0.67	0.6	< 0.05	< 0.02	0.8	11.2	0.5	1.7
C1457664	1.66	3.09	0.02	0.23	< 0.1	45	18	856	12.2	1.7	11.5	1.2	0.5	0.4	0.14	0.21	8.0	0.34	0.15	2.4	59.3	10.0	1.3
C1457665	1.34	1.34	0.56	0.10	< 0.1	15	24	1880	15.1	0.2	7.1	0.3	0.7	0.1	0.07	8.69	7.0	0.11	0.03	1.4	36.9	2.2	0.3
C1457666	1.52	1.54	0.79	0.31	< 0.1	16	25	1630	14.3	0.2	4.3	0.4	0.7	0.1	0.08	11.0	4.5	0.13	0.06	0.5	46.5	2.1	4.1
C1457667	1.68	1.48	0.74	1.97	0.3	18	23	4190	18.8	0.4	9.1	0.8	0.8	0.3	0.08	10.9	5.2	0.35	0.02	0.7	47.2	1.7	3.3
C1457668	2.39	2.02	1.15	1.34	0.2	31	32	3490	20.1	0.7	12.3	1.1	1.5	0.4	0.11	15.5	6.1	0.50	< 0.02	0.6	59.9	2.4	1.7
C1457669	0.27	0.27	0.12	0.52	0.2	5	14	912	3.30	< 0.1	3.0	0.8	0.1	0.2	< 0.05	1.45	0.9	0.09	0.04	< 0.1	22.4	0.8	1.3
C1457670	2.07	8.26	1.87	2.50	< 0.1	111	104	562	5.63	3.3	50.7	2.7	1.4	0.9	< 0.05	1.42	20.0	1.69	< 0.02	0.6	98.3	13.6	0.9
C1457671	1.70	2.99	0.02	0.17	< 0.1	61	14	773	8.07	< 0.1	8.0	0.2	0.4	< 0.1	< 0.05	0.09	5.0	< 0.05	0.06	0.4	52.6	9.7	2.1
C1457672	2.29	4.36	0.09	0.20	< 0.1	90	22	1150	16.1	< 0.1	10.4	0.3	0.5	< 0.1	0.12	1.05	15.8	0.07	0.06	2.6	70.7	14.4	1.2
C1457673	0.89	0.75	0.33	0.60	< 0.1	13	10	1640	7.78	< 0.1	3.9	0.4	0.3	0.1	0.08	4.39	2.2	0.11	0.07	0.5	22.7	1.6	1.5
C1457674	0.32	0.41	0.01	1.32	0.7	10	17	1690	3.91	< 0.1	3.1	0.3	< 0.1	< 0.1	< 0.05	0.07	1.0	0.16	< 0.02	< 0.1	16.2	1.4	1.6
C1457675	0.31	0.64	0.02	0.69	0.6	15	18	1480	4.30	< 0.1	3.5	0.3	0.1	< 0.1	< 0.05	0.09	1.6	0.14	< 0.02	0.5	20.0	2.2	2.0
C1457676	2.56	4.16	0.07	2.42	0.1	83	37	4540	14.5	0.6	8.0	1.0	0.5	0.4	0.09	0.77	4.8	0.70	0.03	0.6	70.1	14.5	1.2
C1457677	3.20	6.56	0.02	1.12	< 0.1	741	11	1850	15.8	1.3	35.0	2.3	0.3	0.8	0.19	0.11	54.8	0.50	0.39	2.3	86.7	19.4	0.4
C1457678	2.89	2.78	1.07	0.17	< 0.1	80	46	3210	21.7	1.0	20.2	1.1	0.9	0.3	0.28	17.1	7.9	0.38	0.47	2.9	102	6.6	1.2
C1457679	1.38	2.38	0.23	0.48	< 0.1	64	35	1170	9.13	0.2	20.6	0.3	0.8	< 0.1	0.86	0.15	35.4	0.06	0.04	5.0	28.7	2.8	18.3
C1457680	5.24	7.24	0.96	5.14	0.8	151	425	1200	5.80	1.4	282	2.1	0.9	0.7	16.4	2.32	38.5	0.60	0.74	0.9	157	12.3	11.6
C1457681	0.11	1.54	0.51	0.11	< 0.1	27	23	362	2.30	0.2	12.3	0.2	0.4	< 0.1	0.06	0.27	5.8	0.13	< 0.02	0.5	19.9	4.6	13.8
C1457682	0.09	1.36	0.32	0.04	< 0.1	14	12	185	1.42	0.6	4.9	0.2	0.4	< 0.1	< 0.05	0.18	1.8	0.12	< 0.02	0.5	13.0	3.5	4.9
C1457701	2.31	1.91	1.04	3.51	0.2	32	36	2800	17.6	0.8	15.0	1.4	1.2	0.5	0.13	15.2	7.6	0.47	0.04	1.0	60.3	2.7	2.6
C1457702	2.09	1.90	1.02	1.15	< 0.1	31	32	2350	16.6	0.8	15.8	1.5	1.4	0.5	0.11	15.1	5.3	0.51	0.02	0.6	62.0	2.7	3.2
C1457703	1.55	1.13	0.63	7.37	0.4	20	16	3170	11.4	0.3	6.8	1.7	0.9	0.6	0.07	8.53	3.3	0.39	0.06	0.7	39.8	1.4	6.2
C1457704	1.73	1.27	0.67	6.76	0.2	17	15	3460	9.59	0.6	6.3	1.4	0.7	0.5	0.06	8.85	4.5	0.41	0.04	0.8	35.8	1.2	3.8
C1457705	2.18	2.12	1.03	0.76	< 0.1	30	37	3350	20.9	0.7	11.2	0.7	1.1	0.2	0.16	15.2	7.0	0.25	0.08	3.3	57.0	4.8	3.1
C1457706	0.17	0.32	0.05	0.21	0.1	8	16	1820	5.29	< 0.1	4.3	1.3	0.2	0.4	1.32	0.67	1.7	0.13	0.23	1.2	14.2	1.1	1.5
C1457707	1.30	1.20	0.54	1.40	0.2	21	24	5150	16.1	0.5	8.1	0.7	0.6	0.2	0.15	8.08	6.0	0.27	0.06	2.0	41.6	2.0	1.3
C1457708	1.47	2.46	0.03	0.40	< 0.1	50	26	1030	8.84	0.8	10.5	0.5	0.2	0.2	0.12	0.36	5.4	0.27	0.06	1.1	46.7	7.7	1.2
C1457709	0.15	3.12	0.27	0.11	< 0.1	15	17	111	0.84	< 0.1	5.4	0.3	0.3	0.1	0.06	0.34	1.1	0.12	0.06	0.4	11.8	4.2	1.4
C1457710	5.36	7.85	1.03	5.50	0.8	162	607	1260	6.07	1.5	303	2.1	1.0	0.7	17.2	2.26	41.3	0.58	0.77	1.0	174	12.7	12.4
C1457711	1.95	4.02	0.05	0.20	< 0.1	65	60	1390	14.0	2.0	14.9	1.3	0.5	0.5	0.31	0.20	6.2	0.65	0.16	3.1	153	12.4	2.8
C1457712	1.25	1.27	0.02	0.76	< 0.1	21	17	362	2.23	< 0.1	18.9	< 0.1	< 0.1	< 0.1	< 0.05	0.05	7.7	< 0.05	< 0.02	0.5	24.8	1.9	1.3
C1457713	8.93	0.53	0.19	18.9	< 0.1	21	14	2490	4.34	0.3	7.2	0.7	0.5	0.3	< 0.05	0.16	6.2	0.30	< 0.02	0.5	15.6	1.8	0.7
C1457714	0.60	0.53	0.22	0.23	< 0.1	9	18	773	3.70	0.1	3.5	0.2	0.2	< 0.1	< 0.05	2.57	1.4	0.11	< 0.02	0.4	18.1	0.8	1.8
C1457715	3.30	1.41	0.41	0.23	< 0.1	29	25	5130	22.8	0.7	6.3	0.9	0.6	0.3	0.12	10.0	3.5	0.22	0.03	1.1	77.8	1.2	16.0
C1457716	2.72	2.69	1.09	0.96	0.1	42	34	4050	20.4	1.2	13.6	1.7	0.9	0.6	0.17	17.3	6.5	0.75	0.07	0.9	79.4	1.8	2.4
C1457717	1.88	1.47	0.58	0.26	< 0.1	44	29	1840	14.7	0.5	26.3	1.3	1.1	0.5	0.13	9.04	9.8	0.37	0.17	2.5	58.1	3.7	4.1
C1457718	0.85	0.70	0.30	0.35	< 0.1	13	29	1010	7.18	0.2	9.9	0.4	0.3	0.1	0.09	4.28	5.0	0.12	< 0.02	1.2	20.6	1.2	1.5
C1457719	2.28	1.86	0.85	0.10	< 0.1	23	27	3750	21.5	0.5	8.4	0.4	0.6	0.2	0.09	14.5	5.1	0.11	0.03	1.5	46.1	1.6	2.6

Analyte Symbol	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se	Zn	Ga	As
Unit Symbol	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1	0.2	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C1457720	5.56	7.57	1.05	5.34	0.9	157	365	1310	6.31	1.4	305	2.1	0.9	0.7	17.7	2.46	42.2	0.59	0.80	0.9	174	13.7	12.1
C1457721	0.06	0.11	0.02	0.17	< 0.1	4	13	241	1.66	< 0.1	3.3	0.2	< 0.1	< 0.1	< 0.05	0.32	1.0	< 0.05	< 0.02	< 0.1	5.7	0.6	2.2
C1457722	0.48	0.32	0.19	0.70	0.1	12	15	824	6.64	0.1	22.5	0.5	0.5	0.2	0.08	1.94	7.6	0.08	0.09	1.4	24.8	0.9	3.4
C1457723	1.75	3.01	0.28	0.21	< 0.1	42	45	1440	15.4	1.2	25.5	1.3	0.7	0.5	0.17	3.89	10.6	0.65	0.10	2.5	71.7	6.9	1.3
C1457724	0.97	0.47	0.11	1.44	< 0.1	16	20	1810	7.80	0.2	7.3	1.1	0.4	0.5	0.05	1.58	3.2	0.35	< 0.02	0.5	35.6	1.2	2.7
C1457725	1.72	4.71	0.13	0.39	< 0.1	185	8	1410	18.6	2.3	29.3	1.5	0.4	0.6	1.05	0.14	20.7	0.73	30.2	2.4	104	14.4	201
C1457726	1.24	1.10	0.50	0.81	0.1	21	22	3720	18.6	0.5	7.9	1.0	1.2	0.4	0.21	7.13	5.0	0.30	0.39	3.1	47.4	2.6	1.9
C1457727	0.41	0.35	0.18	0.71	0.1	7	15	1220	4.73	< 0.1	4.0	0.6	0.3	0.2	< 0.05	2.12	1.4	0.11	0.12	0.2	25.8	0.9	2.6
C1457728	2.21	1.98	1.07	0.71	0.1	25	54	3880	22.1	0.7	11.7	0.9	1.5	0.4	0.13	15.2	7.2	0.44	0.05	0.4	68.9	2.6	4.5
C1457729	2.97	7.95	1.92	0.26	< 0.1	133	81	731	6.80	4.4	16.2	0.7	1.4	0.2	0.23	2.30	6.7	0.21	0.05	0.7	162	16.4	1.2
C1457730	2.93	5.68	0.02	2.91	0.6	117	18	3820	20.0	< 0.1	2.9	0.5	0.5	0.1	0.07	0.17	3.4	0.18	0.04	0.7	100	20.1	1.3
C1457731	2.04	2.14	1.08	0.74	0.2	40	33	2470	23.0	0.6	12.6	0.5	1.0	0.1	0.16	16.0	8.4	0.19	0.14	3.1	68.9	5.4	2.1
C1457732	5.94	1.90	0.04	5.30	0.2	138	96	1590	16.4	0.4	170	0.7	0.4	0.2	0.23	0.16	92.2	0.13	0.17	4.7	65.6	4.3	0.7
C1457733	1.26	2.39	0.65	0.09	0.1	38	24	1150	8.83	1.3	21.2	1.0	0.7	0.3	0.46	2.07	8.9	0.34	1.01	2.4	60.0	7.2	1.3
C1457734	1.06	0.54	0.25	3.95	0.5	12	28	4280	9.87	0.1	5.4	1.0	0.3	0.3	0.06	3.00	2.7	0.35	0.06	< 0.1	24.0	1.2	2.2
C1457735	0.65	1.34	0.02	0.31	0.3	26	15	1050	18.9	0.2	33.2	0.6	0.2	0.2	1.20	0.18	19.6	0.21	2.83	13.0	31.7	5.0	1.5
C1457736	2.02	3.25	0.03	3.89	1.5	59	41	2870	17.2	0.5	5.8	1.9	0.4	0.7	0.29	0.24	4.1	1.45	0.25	0.9	74.5	10.4	5.3
C1457737	0.22	0.27	0.07	0.05	0.1	8	12	580	2.49	< 0.1	4.1	< 0.1	< 0.1	< 0.1	< 0.05	1.31	1.2	0.06	0.06	0.2	19.6	0.9	2.8
C1457738	2.88	4.52	0.02	1.29	< 0.1	199	22	1110	9.31	0.2	16.8	0.9	0.1	0.3	0.09	0.12	26.0	0.34	0.04	1.6	74.2	11.8	1.4
C1457739	0.65	3.84	1.50	1.41	0.1	64	48	2730	19.2	1.3	72.6	2.4	0.9	1.0	0.32	0.96	71.6	1.96	0.22	10.2	59.9	13.4	6.4
C1457740	2.07	7.70	1.69	2.47	0.1	90	104	647	6.39	3.9	51.7	2.8	1.3	1.0	< 0.05	1.20	21.1	1.58	< 0.02	< 0.1	105	14.1	0.5
C1457741	0.35	2.41	1.06	0.42	< 0.1	41	41	1120	6.78	0.5	12.6	0.4	0.6	0.2	0.12	0.54	8.9	0.38	0.14	1.8	30.0	7.9	214

Analyte Symbol	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C1457501	0.9	1.7	1	0.3	1.04	< 0.1	< 1	0.1	0.2	14	0.3	0.5	< 0.1	0.3	0.1	0.2	< 0.1	0.3	1.8	< 0.1	< 0.1	0.1	< 0.1
C1457502	20.1	8.2	8	1.5	0.54	< 0.1	< 1	0.6	1.2	153	7.3	12.7	1.5	6.5	1.4	1.3	0.2	1.3	183	0.2	< 0.1	0.6	< 0.1
C1457503	1.2	8.6	1	0.2	0.39	< 0.1	< 1	0.2	< 0.1	12	1.0	1.4	0.2	1.0	0.3	0.5	0.1	1.0	3.0	< 0.1	0.2	1.1	0.1
C1457504	1.1	1.7	3	0.5	0.56	< 0.1	< 1	0.1	0.5	15	2.0	3.7	0.5	1.8	0.3	0.4	< 0.1	0.3	182	0.1	< 0.1	0.3	< 0.1
C1457505	0.3	4.3	1	1.9	1.64	< 0.1	< 1	0.2	0.3	1	0.5	0.9	0.1	0.5	0.1	0.2	< 0.1	0.6	194	0.2	< 0.1	0.6	< 0.1
C1457506	0.6	2.1	10	1.0	0.64	< 0.1	< 1	0.2	0.2	6	5.4	9.0	1.0	4.4	1.0	0.8	< 0.1	0.5	6.7	0.1	< 0.1	0.2	< 0.1
C1457507	0.7	9.5	47	4.3	0.59	< 0.1	< 1	0.1	< 0.1	2	24.6	39.2	4.8	19.7	3.2	3.3	0.4	2.3	14.9	0.7	0.1	0.8	0.1
C1457508	17.2	6.1	26	2.7	0.68	< 0.1	< 1	0.3	0.3	91	9.7	17.2	2.1	9.1	1.6	1.7	0.2	1.3	264	0.2	< 0.1	0.6	< 0.1
C1457509	5.2	1.5	5	0.6	0.37	< 0.1	< 1	0.6	2.6	45	0.9	1.6	0.2	0.8	0.2	0.2	< 0.1	0.2	5.3	0.3	< 0.1	0.2	< 0.1
C1457510	40.3	19.0	37	9.3	8.01	< 0.1	1	6.3	0.2	329	16.4	31.6	3.4	14.0	2.5	2.8	0.5	3.3	303	0.2	0.3	2.3	0.3
C1457511	13.5	14.0	9	1.5	0.64	< 0.1	< 1	0.6	< 0.1	117	13.1	19.8	2.5	10.7	1.7	2.2	0.3	2.2	15.2	0.2	0.2	1.0	0.1
C1457512	1.9	1.0	< 1	0.5	0.55	< 0.1	< 1	1.5	7.7	24	0.5	0.7	< 0.1	0.3	0.1	< 0.1	< 0.1	0.1	70.5	0.1	< 0.1	0.1	< 0.1
C1457513	3.6	0.9	2	0.3	0.72	< 0.1	< 1	0.4	0.8	50	0.8	1.1	0.1	0.6	< 0.1	0.1	< 0.1	0.1	356	0.1	< 0.1	0.1	< 0.1
C1457514	11.9	6.5	13	1.1	0.29	< 0.1	< 1	< 0.1	< 0.1	70	5.9	11.5	1.4	6.3	1.2	1.3	0.2	1.2	2.4	< 0.1	< 0.1	0.4	< 0.1
C1457515	5.2	1.2	2	0.5	0.50	< 0.1	< 1	0.3	< 0.1	55	0.7	1.3	0.2	0.6	0.2	0.2	< 0.1	0.2	13.5	< 0.1	< 0.1	0.2	< 0.1
C1457516	2.2	1.4	1	0.2	0.87	< 0.1	< 1	0.2	0.1	32	0.6	1.2	0.2	0.7	< 0.1	0.2	< 0.1	0.2	12.0	< 0.1	< 0.1	0.2	< 0.1
C1457517	71.8	1.1	56	3.4	2.11	< 0.1	< 1	< 0.1	0.5	352	0.9	1.8	0.2	0.9	0.2	0.2	< 0.1	0.2	24.4	0.1	< 0.1	0.2	< 0.1
C1457518	5.7	15.5	3	0.4	0.69	< 0.1	< 1	0.2	< 0.1	64	2.1	3.9	0.4	1.8	0.3	0.9	0.2	1.7	16.8	< 0.1	0.2	1.6	0.2
C1457519	43.0	13.5	15	2.9	0.46	< 0.1	< 1	0.5	< 0.1	293	14.5	24.0	2.9	13.1	2.5	2.6	0.4	2.2	20.6	0.3	0.2	1.2	0.2
C1457520	49.4	59.9	124	0.4	0.33	< 0.1	< 1	< 0.1	< 0.1	714	41.4	75.5	8.1	33.4	5.5	6.1	1.2	9.5	34.1	0.6	1.1	8.3	1.1
C1457521	1.3	1.2	< 1	0.6	0.91	< 0.1	< 1	0.2	< 0.1	14	0.8	1.4	0.2	0.7	0.1	0.2	< 0.1	0.2	3.8	0.2	< 0.1	0.1	< 0.1
C1457522	1.0	11.5	32	< 0.1	0.10	< 0.1	< 1	< 0.1	< 0.1	18	5.0	11.5	1.6	8.8	2.6	3.0	0.5	2.6	2.0	0.4	0.2	1.3	0.2
C1457523	0.4	0.7	< 1	0.3	0.90	< 0.1	< 1	< 0.1	< 0.1	4	0.1	0.3	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	4.7	< 0.1	< 0.1	0.1	< 0.1
C1457524	< 0.2	1.0	< 1	0.1	0.23	< 0.1	< 1	< 0.1	< 0.1	2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.5	< 0.1	< 0.1	0.3	< 0.1
C1457525	0.8	1.3	< 1	0.3	0.46	< 0.1	< 1	0.1	< 0.1	8	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.1	0.1	9.3	< 0.1	< 0.1	0.3	< 0.1
C1457526	1.9	2.1	2	0.3	0.46	< 0.1	< 1	< 0.1	< 0.1	17	3.2	3.4	0.6	2.2	0.4	0.4	< 0.1	0.3	12.1	0.2	< 0.1	0.2	< 0.1
C1457527	0.5	1.2	2	0.3	0.55	< 0.1	< 1	0.1	< 0.1	6	0.4	0.8	< 0.1	0.4	0.1	0.1	< 0.1	0.1	19.4	0.1	< 0.1	0.2	< 0.1
C1457528	53.3	13.3	104	6.9	3.86	< 0.1	1	0.1	0.9	375	13.8	23.9	2.6	9.9	1.9	2.0	0.3	2.2	151	0.3	0.2	1.6	0.2
C1457529	30.7	5.0	3	1.7	0.88	< 0.1	< 1	0.2	< 0.1	129	9.7	17.6	2.0	7.2	1.5	1.0	0.1	0.8	9.0	0.1	< 0.1	0.8	0.1
C1457530	40.8	18.6	38	9.6	7.64	< 0.1	1	3.6	0.1	350	16.2	31.4	3.5	13.9	2.9	2.8	0.5	3.1	304	0.3	0.3	2.4	0.3
C1457531	3.9	0.2	< 1	0.3	0.54	< 0.1	< 1	0.8	0.6	18	0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.0	< 0.1	< 0.1	< 0.1	< 0.1
C1457551	2.1	5.5	10	< 0.1	0.39	< 0.1	< 1	< 0.1	< 0.1	51	0.9	2.4	0.4	1.9	0.6	0.8	0.2	1.0	15.7	0.6	< 0.1	0.6	< 0.1
C1457552	0.3	0.2	< 1	0.3	0.77	< 0.1	< 1	0.1	< 0.1	3	0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	4.1	< 0.1	< 0.1	< 0.1	< 0.1
C1457553	0.3	0.3	< 1	0.2	0.52	< 0.1	< 1	< 0.1	< 0.1	1	0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	5.0	0.1	< 0.1	< 0.1	< 0.1
C1457554	0.2	1.1	3	0.3	0.83	< 0.1	< 1	0.4	1.3	2	1.3	2.5	0.3	1.3	0.3	0.3	< 0.1	0.2	51.2	< 0.1	< 0.1	0.1	< 0.1
C1457555	0.2	1.0	4	0.4	3.43	< 0.1	< 1	0.5	3.2	1	1.7	2.7	0.3	1.5	0.2	0.3	< 0.1	0.2	1010	0.2	< 0.1	< 0.1	< 0.1
C1457556	0.2	0.3	< 1	0.2	0.47	< 0.1	< 1	0.3	< 0.1	< 1	0.3	0.5	< 0.1	0.3	< 0.1	< 0.1	< 0.1	< 0.1	12.9	< 0.1	< 0.1	< 0.1	< 0.1
C1457557	49.6	6.5	41	4.6	0.90	< 0.1	< 1	1.0	0.3	492	8.1	13.7	1.5	6.0	1.2	1.1	0.2	1.1	82.4	0.9	< 0.1	0.8	0.1
C1457558	0.5	0.8	2	0.5	0.33	< 0.1	< 1	< 0.1	< 0.1	5	0.4	0.9	0.1	0.5	0.3	0.2	< 0.1	0.1	3.7	0.1	< 0.1	< 0.1	< 0.1
C1457559	2.5	14.9	22	3.3	0.45	< 0.1	1	< 0.1	< 0.1	51	2.1	4.6	0.7	3.7	1.1	1.7	0.4	2.8	2.6	1.3	0.3	1.8	0.2
C1457560	40.7	18.4	37	9.2	7.18	< 0.1	1	5.7	0.1	352	16.4	32.1	3.5	14.5	2.8	2.8	0.5	3.2	307	0.2	0.3	2.3	0.3
C1457561	0.5	9.1	25	0.6	0.43	0.3	< 1	0.2	0.7	6	2.5	6.2	0.8	4.5	1.3	1.7	0.3	2.1	2290	1.1	0.2	1.2	0.2
C1457562	0.5	0.2	1	0.3	0.51	< 0.1	< 1	0.1	< 0.1	3	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	17.0	< 0.1	< 0.1	< 0.1	< 0.1
C1457563	1.8	3.5	4	0.6	0.51	< 0.1	< 1	0.1	< 0.1	19	0.6	1.5	0.2	1.2	0.4	0.5	< 0.1	0.7	5.7	0.1	< 0.1	0.4	< 0.1
C1457564	12.4	4.8	9	1.1	0.42	< 0.1	< 1	0.2	0.1	146	5.6	8.6	1.1	5.2	1.0	1.0	0.2	1.0	19.5	< 0.1	< 0.1	0.5	< 0.1
C1457565	22.9	10.2	19	1.9	0.34	< 0.1	< 1	0.3	0.2	234	10.5	15.8	2.3	9.9	1.7	1.9	0.3	1.7	42.6	0.2	0.1	0.9	0.1
C1457566	10.2	5.1	7	1.2	0.87	< 0.1	< 1	0.3	0.2	16	3.3	6.6	0.7	3.1	0.7	0.7	0.1	0.9	2680	< 0.1	< 0.1	0.5	< 0.1
C1457567	22.2	17.3	152	5.1	0.60	< 0.1	< 1	0.2	< 0.1	32	21.9	44.7	4.5	19.2	3.4	3.7	0.5	3.2	7.1	0.2	0.2	1.6	0.2
C1457568	12.1	2.5	9	1.0	1.13	< 0.1	< 1	< 0.1	< 0.1	50	3.9	6.2	0.8	2.7	0.7	0.4	< 0.1	0.4	4.0	0.2	< 0.1	0.4	< 0.1
C1457569	0.3	0.2	< 1	0.3	0.66	< 0.1	< 1	0.1	< 0.1	2	0.2	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	11.4	< 0.1	< 0.1	< 0.1	< 0.1
C1457570	68.5	3.1	48	4.2	0.81	< 0.1	< 1	0.6	< 0.1	305	14.8	28.2	2.8	10.8	1.8	1.4	0.1	0.6	54.9	0.2	< 0.1	0.4	< 0.1

Analyte Symbol	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C1457651	17.3	10.2	11	1.3	0.33	< 0.1	< 1	0.6	< 0.1	121	7.9	12.3	1.4	6.2	1.1	1.2	0.2	1.4	26.3	0.1	0.1	1.1	0.1
C1457652	35.4	13.9	15	1.8	0.25	< 0.1	< 1	0.8	< 0.1	268	8.0	14.4	1.6	7.4	1.4	1.7	0.3	2.0	48.6	0.3	0.2	1.4	0.2
C1457653	36.4	11.2	22	2.5	0.21	< 0.1	< 1	1.0	< 0.1	141	11.9	19.7	2.3	9.6	1.8	1.8	0.3	1.8	122	0.2	0.2	1.1	0.1
C1457654	35.1	14.1	51	3.0	0.38	0.1	1	0.4	0.6	36	18.1	31.4	4.1	17.7	3.6	3.6	0.5	3.2	292	1.0	0.2	1.3	0.2
C1457655	0.6	8.2	56	4.7	1.18	< 0.1	< 1	0.2	1.1	4	17.7	31.5	3.9	16.2	2.9	2.9	0.4	2.2	790	1.2	0.1	1.0	0.1
C1457656	3.2	8.0	31	2.9	0.61	< 0.1	< 1	0.2	0.4	43	15.8	25.2	3.2	13.5	2.4	2.4	0.3	1.7	138	0.2	0.1	0.9	0.1
C1457657	20.5	18.4	20	2.1	0.47	< 0.1	< 1	0.5	1.4	26	16.6	30.9	4.0	17.6	3.5	3.7	0.6	3.4	847	0.2	0.2	1.5	0.2
C1457658	6.1	7.0	4	1.5	0.70	< 0.1	< 1	0.3	4.0	73	5.4	8.1	1.0	4.2	1.0	1.1	0.2	1.1	452	0.2	< 0.1	0.6	< 0.1
C1457659	3.2	4.2	24	1.2	6.84	< 0.1	< 1	0.2	1.1	37	4.3	7.8	1.0	4.4	0.9	0.9	0.1	0.9	996	0.2	< 0.1	0.5	< 0.1
C1457660	37.9	18.0	37	8.6	7.03	< 0.1	< 1	3.9	0.1	347	16.3	31.6	3.5	13.5	3.3	2.9	0.5	3.1	287	0.3	0.3	2.4	0.3
C1457661	1.5	3.8	18	1.0	3.20	< 0.1	< 1	1.4	0.2	16	6.0	10.5	1.3	5.5	1.2	0.9	0.1	0.8	209	0.2	< 0.1	0.4	< 0.1
C1457662	31.2	5.5	19	2.2	0.69	< 0.1	< 1	0.9	0.5	50	8.3	15.7	1.8	7.8	1.4	1.2	0.2	0.9	325	0.2	< 0.1	0.7	0.1
C1457663	2.2	0.7	2	0.3	0.48	< 0.1	< 1	0.3	< 0.1	43	0.5	0.8	< 0.1	0.4	0.1	< 0.1	< 0.1	0.1	33.3	0.1	< 0.1	< 0.1	< 0.1
C1457664	1.1	9.2	62	2.7	0.86	< 0.1	< 1	< 0.1	0.2	5	10.7	19.3	2.5	10.5	2.0	2.1	0.4	2.1	117	0.9	0.2	1.3	0.2
C1457665	28.4	2.9	9	1.2	0.32	< 0.1	< 1	0.4	0.2	233	2.8	4.9	0.5	2.3	0.3	0.5	< 0.1	0.5	43.4	0.2	< 0.1	0.4	< 0.1
C1457666	38.5	3.4	11	1.6	0.67	< 0.1	< 1	0.3	< 0.1	327	1.6	3.0	0.4	1.9	0.5	0.6	0.1	0.6	12.5	0.2	< 0.1	0.4	< 0.1
C1457667	37.0	8.2	16	2.2	0.65	< 0.1	< 1	0.5	< 0.1	287	6.7	11.9	1.5	6.2	1.5	1.4	0.2	1.3	11.4	0.3	0.1	1.0	0.1
C1457668	53.2	10.0	25	3.3	0.49	< 0.1	1	0.8	< 0.1	421	14.4	24.4	2.9	11.0	2.1	2.0	0.3	1.8	12.3	0.3	0.2	1.2	0.2
C1457669	5.2	6.4	< 1	0.4	0.45	< 0.1	< 1	0.3	< 0.1	48	0.6	1.0	0.1	0.6	0.2	0.3	< 0.1	0.7	5.9	0.1	0.1	1.0	0.2
C1457670	63.1	22.2	126	0.3	0.16	< 0.1	< 1	< 0.1	< 0.1	1250	40.6	78.7	9.0	36.3	5.3	5.3	0.8	4.7	43.0	0.1	0.4	2.7	0.4
C1457671	0.6	1.6	3	1.2	0.56	< 0.1	< 1	0.4	0.2	5	1.0	1.7	0.2	0.8	0.2	0.2	< 0.1	0.3	5.2	0.1	< 0.1	0.2	< 0.1
C1457672	2.9	2.3	3	2.3	0.58	< 0.1	< 1	0.1	0.4	43	1.5	2.7	0.3	1.4	0.3	0.4	< 0.1	0.4	168	0.3	< 0.1	0.2	< 0.1
C1457673	15.0	3.4	3	0.5	0.94	< 0.1	< 1	0.5	< 0.1	122	2.4	4.6	0.5	2.2	0.5	0.4	< 0.1	0.5	18.9	0.1	< 0.1	0.4	< 0.1
C1457674	0.6	2.7	3	0.4	2.22	< 0.1	< 1	0.4	0.5	10	1.5	2.6	0.3	1.3	0.3	0.3	< 0.1	0.4	5.0	< 0.1	< 0.1	0.4	< 0.1
C1457675	0.8	2.7	2	0.6	1.14	< 0.1	< 1	0.2	< 0.1	13	1.1	2.1	0.3	1.1	0.3	0.3	< 0.1	0.4	6.7	< 0.1	< 0.1	0.4	< 0.1
C1457676	2.8	10.0	22	3.0	2.51	< 0.1	< 1	0.2	0.2	29	11.5	20.1	2.5	10.8	2.6	2.4	0.4	1.8	2.2	0.3	0.1	1.0	0.2
C1457677	0.4	17.3	48	0.2	0.17	< 0.1	< 1	< 0.1	< 0.1	5	3.1	7.0	1.0	5.4	1.8	2.4	0.5	3.4	756	0.3	0.3	2.3	0.3
C1457678	57.8	8.6	40	5.1	0.99	< 0.1	1	1.0	0.4	172	9.5	15.4	2.1	8.4	1.5	1.4	0.3	1.6	50.6	0.4	0.1	1.1	0.2
C1457679	7.2	2.4	6	0.8	0.70	0.1	< 1	0.2	0.8	123	0.5	1.0	0.1	0.6	0.2	0.2	< 0.1	0.5	2260	0.1	< 0.1	0.4	< 0.1
C1457680	38.7	17.6	34	8.9	6.78	< 0.1	1	3.2	0.1	332	16.2	31.4	3.3	13.2	3.2	2.8	0.5	3.3	292	0.2	0.3	2.3	0.3
C1457681	19.4	1.8	8	1.6	0.93	< 0.1	< 1	0.3	< 0.1	81	3.8	6.6	0.7	2.8	0.4	0.4	< 0.1	0.4	17.8	< 0.1	< 0.1	0.2	< 0.1
C1457682	12.5	1.8	22	1.3	0.59	< 0.1	< 1	0.2	< 0.1	50	4.9	9.0	1.0	4.1	0.5	0.5	< 0.1	0.4	5.5	< 0.1	< 0.1	0.2	< 0.1
C1457701	53.2	13.7	29	3.5	0.52	< 0.1	< 1	1.3	0.1	388	19.1	31.2	3.7	15.2	2.5	2.7	0.4	2.3	43.6	0.3	0.2	1.5	0.2
C1457702	47.6	13.4	29	3.6	0.28	< 0.1	1	1.4	< 0.1	379	19.5	31.7	3.8	15.5	2.9	2.8	0.4	2.4	12.6	0.2	0.2	1.3	0.2
C1457703	30.7	18.3	12	1.7	0.61	< 0.1	< 1	0.8	< 0.1	213	8.0	13.8	1.7	7.5	1.6	1.9	0.4	2.4	33.0	0.1	0.3	1.9	0.3
C1457704	30.2	13.9	20	1.3	0.39	< 0.1	< 1	0.6	0.1	225	9.3	15.4	2.0	8.4	1.6	1.8	0.3	2.2	24.1	0.1	0.2	1.4	0.2
C1457705	48.6	6.2	25	2.8	0.46	< 0.1	< 1	0.9	0.5	48	8.6	15.3	1.9	7.6	1.4	1.2	0.2	1.2	163	0.3	< 0.1	0.8	0.1
C1457706	2.3	12.8	2	0.3	0.65	< 0.1	< 1	0.3	2.6	44	2.1	3.1	0.5	2.2	0.5	0.9	0.2	1.7	62.7	< 0.1	0.2	1.5	0.2
C1457707	26.4	6.0	20	2.3	0.40	< 0.1	< 1	0.4	0.4	170	8.0	13.9	1.5	6.2	1.2	1.1	0.2	1.0	181	0.2	0.1	0.9	0.1
C1457708	1.4	4.2	26	3.0	6.03	< 0.1	< 1	0.1	0.2	12	7.8	14.0	1.7	7.1	1.3	1.1	0.2	0.9	87.4	0.2	< 0.1	0.5	< 0.1
C1457709	10.1	3.2	4	0.8	0.54	< 0.1	< 1	< 0.1	< 0.1	112	3.1	6.7	0.7	3.0	0.3	0.6	< 0.1	0.5	2.6	< 0.1	< 0.1	0.4	< 0.1
C1457710	36.8	18.1	37	9.7	7.77	< 0.1	1	7.8	0.2	346	16.4	32.0	3.5	14.3	2.8	2.7	0.5	3.5	304	0.2	0.3	2.4	0.3
C1457711	2.3	10.1	70	7.2	1.74	< 0.1	< 1	0.3	0.4	15	13.8	24.9	3.3	13.7	2.7	2.4	0.4	2.3	131	1.0	0.2	1.4	0.2
C1457712	0.5	0.2	1	0.3	0.48	< 0.1	< 1	0.2	< 0.1	4	0.2	0.6	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	21.1	< 0.1	< 0.1	< 0.1	< 0.1
C1457713	5.2	7.7	13	1.0	0.25	< 0.1	< 1	< 0.1	< 0.1	29	2.9	5.9	0.8	3.7	0.9	1.1	0.2	1.0	4.4	< 0.1	< 0.1	0.6	< 0.1
C1457714	8.3	2.1	5	0.7	0.66	< 0.1	< 1	0.3	< 0.1	83	2.3	3.8	0.5	2.2	0.5	0.4	< 0.1	0.4	3.3	< 0.1	< 0.1	0.2	< 0.1
C1457715	28.3	7.7	28	3.2	0.28	< 0.1	< 1	1.1	< 0.1	303	5.6	10.6	1.2	5.0	1.1	1.3	0.2	1.4	38.0	0.4	0.1	0.9	0.1
C1457716	55.6	15.6	44	5.9	1.04	< 0.1	1	1.3	< 0.1	599	25.0	42.1	5.0	20.2	3.9	3.7	0.5	2.9	27.6	0.3	0.2	1.6	0.2
C1457717	28.1	13.1	18	2.0	0.70	< 0.1	< 1	1.2	0.4	71	10.6	16.1	2.3	9.8	2.0	2.1	0.4	2.3	152	0.2	0.2	1.2	0.2
C1457718	14.3	4.1	7	0.9	0.83	< 0.1	< 1	0.4	0.1	145	4.0	7.7	0.9	3.4	0.7	0.6	< 0.1	0.6	94.5	0.1	< 0.1	0.4	< 0.1
C1457719	44.9	3.8	20	2.6	0.46	< 0.1	< 1	1.3	0.1	408	4.1	6.4	0.8	3.4	0.6	0.7	0.1	0.7	68.5	0.3	< 0.1	0.5	< 0.1

Analyte Symbol	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C1457720	42.1	19.1	36	10.2	7.75	< 0.1	1	7.7	0.2	342	16.9	32.7	3.6	14.0	2.7	2.8	0.5	3.5	312	0.2	0.3	2.4	0.3
C1457721	1.3	1.9	< 1	0.9	0.82	< 0.1	< 1	0.2	< 0.1	12	0.3	0.5	< 0.1	0.3	< 0.1	0.2	< 0.1	0.2	6.2	< 0.1	< 0.1	0.1	< 0.1
C1457722	7.5	4.9	5	0.8	0.67	< 0.1	< 1	0.5	0.3	62	2.3	3.4	0.5	1.9	0.4	0.5	0.1	0.7	121	0.1	< 0.1	0.5	< 0.1
C1457723	13.5	11.1	44	4.4	1.24	< 0.1	< 1	0.3	0.3	156	17.2	30.1	3.7	14.8	3.3	2.6	0.4	2.4	104	0.3	0.2	1.4	0.2
C1457724	5.4	13.2	9	1.2	0.58	< 0.1	< 1	0.3	< 0.1	62	8.7	12.5	1.7	7.6	1.6	1.9	0.3	2.0	25.1	< 0.1	0.1	0.9	< 0.1
C1457725	3.4	13.7	86	0.2	0.81	0.2	< 1	< 0.1	< 0.1	50	7.2	15.2	2.1	9.7	2.8	2.8	0.5	3.2	188	0.3	0.2	1.6	0.2
C1457726	24.2	9.8	21	2.4	1.11	< 0.1	< 1	0.7	0.8	111	7.2	12.1	1.4	5.5	1.3	1.5	0.3	1.8	88.2	0.3	0.2	1.1	0.1
C1457727	7.6	6.0	3	0.7	0.90	< 0.1	< 1	0.2	0.1	59	3.0	4.6	0.6	2.4	0.7	0.7	0.1	0.8	9.8	0.1	< 0.1	0.7	< 0.1
C1457728	52.4	10.4	26	3.6	0.19	< 0.1	< 1	0.6	0.2	371	13.4	23.5	3.1	12.2	2.3	2.2	0.3	2.0	30.7	0.3	0.1	1.0	0.1
C1457729	57.4	4.4	161	9.8	7.95	< 0.1	1	< 0.1	< 0.1	652	4.5	11.4	1.3	5.4	1.1	0.9	0.1	1.0	29.2	0.2	0.1	0.9	0.1
C1457730	0.8	4.2	4	0.7	0.38	< 0.1	< 1	< 0.1	0.2	5	1.2	2.5	0.3	1.3	0.3	0.5	0.1	0.7	30.2	0.3	< 0.1	0.6	< 0.1
C1457731	52.9	4.2	25	3.1	2.00	< 0.1	< 1	0.7	0.5	38	4.5	8.7	1.1	4.4	0.8	0.8	0.1	0.7	172	0.4	< 0.1	0.6	0.1
C1457732	1.2	5.9	17	1.3	0.61	< 0.1	< 1	0.3	0.5	7	2.0	4.0	0.5	2.4	0.7	0.8	0.2	1.1	966	1.4	< 0.1	0.8	0.1
C1457733	36.6	7.6	46	4.9	1.14	< 0.1	< 1	0.2	0.8	87	8.8	18.4	2.1	8.9	1.8	1.4	0.2	1.5	67.7	0.2	0.1	1.0	0.1
C1457734	12.4	10.3	6	1.1	0.76	< 0.1	< 1	0.3	< 0.1	86	4.3	7.9	1.0	4.5	1.0	1.2	0.2	1.4	13.9	0.1	0.2	1.2	0.2
C1457735	0.8	6.0	11	0.6	2.89	< 0.1	< 1	0.2	7.9	10	5.1	9.3	1.0	4.6	1.0	0.9	0.1	0.9	418	0.3	< 0.1	0.6	< 0.1
C1457736	1.6	20.6	22	6.5	11.4	< 0.1	< 1	0.6	1.7	9	39.7	67.7	8.1	34.8	6.7	6.8	0.8	4.4	65.9	0.2	0.2	1.6	0.2
C1457737	4.8	1.1	< 1	0.5	0.64	< 0.1	< 1	0.3	< 0.1	34	0.7	1.4	0.2	0.7	0.2	0.2	< 0.1	0.2	8.3	0.1	< 0.1	0.1	< 0.1
C1457738	0.5	7.8	6	1.0	0.81	0.3	< 1	0.7	0.3	7	1.5	3.1	0.4	2.1	0.5	1.0	0.2	1.5	210	0.1	0.1	0.8	< 0.1
C1457739	91.6	30.0	46	3.8	2.54	< 0.1	< 1	0.5	0.5	30	51.6	113	11.4	47.5	8.2	8.4	1.0	5.3	917	0.3	0.3	1.6	0.2
C1457740	69.4	24.7	145	0.2	0.15	< 0.1	< 1	< 0.1	< 0.1	900	40.9	77.4	8.5	34.6	5.8	5.4	0.8	5.1	26.1	0.2	0.4	2.9	0.4
C1457741	52.8	4.6	19	2.3	3.03	< 0.1	< 1	0.4	0.3	166	13.7	27.7	2.9	11.9	1.9	1.6	0.2	1.0	96.6	0.1	< 0.1	0.4	< 0.1

Analyte Symbol	Ta	Sr	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
C1457501	< 0.1	3.1	0.1	0.003	< 0.05	0.8	< 0.1	< 0.1	
C1457502	< 0.1	6.3	0.2	< 0.001	0.15	4.3	1.3	0.3	26.5
C1457503	< 0.1	52.4	< 0.1	< 0.001	< 0.05	6.4	< 0.1	< 0.1	
C1457504	< 0.1	7.3	< 0.1	< 0.001	< 0.05	5.6	0.2	0.1	
C1457505	0.1	2.5	0.1	< 0.001	< 0.05	4.3	< 0.1	0.1	
C1457506	< 0.1	3.7	0.2	< 0.001	< 0.05	2.8	1.6	0.2	
C1457507	0.3	9.1	0.3	< 0.001	< 0.05	1.3	6.1	0.8	
C1457508	0.3	20.8	0.1	0.002	0.07	5.4	3.9	0.6	
C1457509	< 0.1	9.7	< 0.1	< 0.001	< 0.05	5.3	0.3	< 0.1	
C1457510	0.5	255	3.6	0.001	0.31	231	5.3	1.8	
C1457511	< 0.1	8.6	0.2	< 0.001	< 0.05	2.0	1.5	0.2	
C1457512	< 0.1	3.0	< 0.1	0.002	< 0.05	12.1	< 0.1	< 0.1	9.85
C1457513	< 0.1	3.6	0.2	< 0.001	0.07	4.0	< 0.1	0.1	
C1457514	< 0.1	196	0.2	< 0.001	0.08	1.7	1.4	0.7	
C1457515	< 0.1	3.7	< 0.1	< 0.001	< 0.05	3.8	0.3	< 0.1	
C1457516	< 0.1	4.8	0.2	0.002	< 0.05	5.3	< 0.1	0.1	
C1457517	0.1	6.8	0.4	< 0.001	0.35	74.1	4.9	1.1	
C1457518	< 0.1	6.5	0.1	< 0.001	< 0.05	4.9	0.2	0.1	
C1457519	0.1	23.2	0.3	< 0.001	0.09	2.7	3.3	0.5	
C1457520	< 0.1	468	< 0.1	< 0.001	0.29	14.5	11.3	1.6	
C1457521	< 0.1	2.1	< 0.1	< 0.001	< 0.05	2.2	0.1	< 0.1	
C1457522	< 0.1	54.1	< 0.1	< 0.001	< 0.05	5.9	0.6	0.3	
C1457523	< 0.1	6.7	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
C1457524	< 0.1	21.1	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
C1457525	< 0.1	14.1	< 0.1	< 0.001	< 0.05	0.6	< 0.1	< 0.1	
C1457526	< 0.1	5.0	< 0.1	< 0.001	< 0.05	1.5	< 0.1	< 0.1	
C1457527	< 0.1	10.0	< 0.1	< 0.001	< 0.05	2.7	< 0.1	< 0.1	
C1457528	0.5	44.2	0.2	< 0.001	0.25	20.6	8.3	1.2	
C1457529	< 0.1	87.0	0.2	< 0.001	0.14	4.5	2.9	0.3	
C1457530	0.5	265	3.4	< 0.001	0.31	229	5.4	1.8	
C1457531	< 0.1	4.1	0.1	0.001	< 0.05	774	< 0.1	< 0.1	
C1457551	< 0.1	10.6	< 0.1	0.024	< 0.05	1.6	0.1	< 0.1	
C1457552	< 0.1	2.2	< 0.1	< 0.001	< 0.05	0.8	< 0.1	< 0.1	
C1457553	< 0.1	3.1	< 0.1	< 0.001	< 0.05	1.6	< 0.1	< 0.1	
C1457554	< 0.1	0.9	< 0.1	< 0.001	< 0.05	5.4	0.3	< 0.1	
C1457555	< 0.1	2.2	0.2	0.003	< 0.05	7.3	0.2	0.3	
C1457556	< 0.1	2.3	< 0.1	< 0.001	< 0.05	0.7	< 0.1	< 0.1	
C1457557	0.3	20.1	0.2	< 0.001	0.31	4.3	6.6	1.1	
C1457558	< 0.1	1.7	0.3	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
C1457559	0.1	48.2	1.3	< 0.001	< 0.05	2.6	0.4	0.1	
C1457560	0.6	266	3.9	< 0.001	0.31	232	5.5	1.8	
C1457561	< 0.1	55.9	< 0.1	0.002	< 0.05	30.3	0.4	0.1	
C1457562	< 0.1	3.3	< 0.1	0.001	< 0.05	< 0.5	< 0.1	< 0.1	
C1457563	< 0.1	13.5	0.3	< 0.001	< 0.05	1.0	< 0.1	< 0.1	
C1457564	< 0.1	5.8	0.1	< 0.001	< 0.05	2.1	1.4	0.2	
C1457565	0.1	8.3	0.1	< 0.001	0.06	2.8	2.6	0.4	
C1457566	< 0.1	13.3	< 0.1	< 0.001	0.07	3.4	0.6	0.4	
C1457567	0.4	9.2	0.1	< 0.001	0.13	0.9	4.2	0.8	
C1457568	< 0.1	15.9	0.3	0.001	0.08	7.1	0.8	0.1	
C1457569	< 0.1	6.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	

Analyte Symbol	Ta	Sr	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
C1457570	0.3	19.1	0.5	< 0.001	0.19	66.3	5.0	0.6	
C1457651	< 0.1	37.3	0.2	< 0.001	< 0.05	2.3	1.6	0.4	
C1457652	0.1	36.4	0.1	< 0.001	0.11	2.4	2.1	0.4	
C1457653	0.2	11.0	0.3	< 0.001	0.10	1.4	3.6	0.5	
C1457654	0.3	18.8	0.2	0.006	0.15	3.0	6.2	0.8	
C1457655	0.4	3.8	0.2	0.003	< 0.05	8.6	7.9	1.4	
C1457656	0.2	16.4	0.2	< 0.001	< 0.05	3.6	4.2	0.5	
C1457657	0.2	8.0	0.3	< 0.001	0.15	11.1	3.5	0.7	
C1457658	0.1	4.3	0.2	< 0.001	0.10	15.5	0.7	0.1	
C1457659	< 0.1	4.5	0.3	0.003	< 0.05	29.6	4.7	0.7	
C1457660	0.5	259	3.4	0.002	0.31	230	6.1	1.9	
C1457661	< 0.1	19.5	0.3	< 0.001	< 0.05	141	3.3	0.4	
C1457662	0.1	10.0	0.2	< 0.001	0.14	6.1	3.1	0.4	
C1457663	< 0.1	0.9	< 0.1	< 0.001	< 0.05	1.0	0.3	< 0.1	
C1457664	< 0.1	3.5	0.1	0.001	< 0.05	4.6	5.5	1.1	
C1457665	< 0.1	5.2	0.1	< 0.001	< 0.05	1.6	1.2	0.2	
C1457666	< 0.1	10.6	0.2	< 0.001	0.13	11.8	1.7	0.3	
C1457667	0.1	29.8	0.2	< 0.001	0.17	5.7	2.3	0.4	
C1457668	0.2	21.6	0.3	< 0.001	0.07	2.8	4.4	1.0	
C1457669	< 0.1	6.5	< 0.1	< 0.001	< 0.05	7.6	< 0.1	< 0.1	
C1457670	< 0.1	453	< 0.1	< 0.001	0.45	19.2	10.0	1.0	
C1457671	< 0.1	2.5	0.1	< 0.001	< 0.05	1.4	0.2	< 0.1	
C1457672	< 0.1	5.4	1.9	< 0.001	< 0.05	3.6	0.4	0.1	
C1457673	< 0.1	13.1	0.1	< 0.001	< 0.05	12.4	0.3	0.2	
C1457674	< 0.1	13.7	< 0.1	< 0.001	< 0.05	4.3	0.3	0.2	
C1457675	< 0.1	8.2	0.1	< 0.001	< 0.05	3.9	0.3	< 0.1	
C1457676	0.2	24.0	0.4	< 0.001	< 0.05	2.5	3.7	0.3	
C1457677	< 0.1	16.8	< 0.1	0.001	< 0.05	7.5	0.9	0.2	
C1457678	0.3	21.1	0.2	0.005	0.30	14.6	6.0	1.8	
C1457679	< 0.1	4.9	0.3	< 0.001	< 0.05	4.6	0.2	0.1	
C1457680	0.5	252	3.2	0.001	0.32	220	5.4	1.7	
C1457681	< 0.1	12.4	1.8	< 0.001	0.08	2.0	1.3	0.5	
C1457682	< 0.1	20.9	0.9	< 0.001	< 0.05	1.3	1.8	0.4	
C1457701	0.3	37.2	0.3	< 0.001	0.08	3.8	4.8	0.8	
C1457702	0.2	19.5	0.2	< 0.001	0.17	2.0	4.8	0.9	
C1457703	0.1	86.8	3.6	< 0.001	0.06	5.2	1.8	0.5	
C1457704	0.1	71.1	11.8	< 0.001	0.18	6.6	2.1	0.4	
C1457705	0.2	15.1	0.6	< 0.001	0.16	2.9	4.1	0.8	
C1457706	< 0.1	4.7	< 0.1	< 0.001	< 0.05	10.3	0.2	0.2	39.5
C1457707	0.2	30.3	0.2	< 0.001	0.12	5.2	3.4	0.5	
C1457708	0.2	5.0	0.3	0.022	< 0.05	4.0	4.1	0.5	
C1457709	< 0.1	43.1	0.1	< 0.001	< 0.05	20.6	4.8	0.7	
C1457710	0.6	261	4.5	< 0.001	0.32	226	5.3	1.8	
C1457711	0.5	5.5	0.3	0.003	< 0.05	7.0	11.7	2.2	
C1457712	< 0.1	4.2	< 0.1	< 0.001	< 0.05	0.8	< 0.1	< 0.1	
C1457713	< 0.1	53.4	0.1	< 0.001	0.09	< 0.5	0.4	0.1	
C1457714	< 0.1	6.9	0.1	< 0.001	< 0.05	3.1	0.6	< 0.1	
C1457715	0.2	9.4	0.3	< 0.001	0.07	1.6	5.0	0.6	
C1457716	0.4	23.2	0.3	0.001	0.24	14.1	8.6	1.2	
C1457717	0.1	6.2	0.2	0.001	0.17	3.5	2.3	0.8	

Analyte Symbol	Ta	Sr	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
C1457718	< 0.1	8.5	0.1	< 0.001	0.09	2.9	1.0	0.2	
C1457719	0.2	5.2	0.2	< 0.001	0.14	1.6	2.5	0.4	
C1457720	0.6	269	4.5	0.001	0.32	231	5.4	1.8	
C1457721	< 0.1	2.9	0.1	< 0.001	< 0.05	1.3	< 0.1	< 0.1	
C1457722	< 0.1	10.9	1.6	< 0.001	< 0.05	2.7	0.5	0.2	
C1457723	0.3	11.5	0.2	0.002	0.09	8.0	6.4	1.1	
C1457724	< 0.1	14.6	0.2	< 0.001	< 0.05	1.2	1.0	0.4	
C1457725	< 0.1	4.2	< 0.1	0.009	< 0.05	13.4	2.6	0.6	
C1457726	0.2	14.3	0.2	< 0.001	0.31	10.3	3.3	0.5	
C1457727	< 0.1	9.8	< 0.1	< 0.001	< 0.05	4.8	0.5	< 0.1	
C1457728	0.2	13.6	0.2	< 0.001	0.13	1.8	4.0	0.6	
C1457729	0.7	10.9	0.8	< 0.001	0.60	13.3	7.2	3.5	
C1457730	< 0.1	29.7	0.2	< 0.001	< 0.05	5.8	0.2	< 0.1	
C1457731	0.2	12.7	0.3	< 0.001	0.19	3.5	3.8	0.6	
C1457732	< 0.1	3.0	0.2	0.013	< 0.05	5.2	0.8	0.2	
C1457733	0.4	3.8	0.7	0.002	0.36	49.4	5.2	1.7	
C1457734	< 0.1	46.4	0.2	< 0.001	0.06	13.0	0.9	0.2	
C1457735	< 0.1	5.6	0.2	0.003	< 0.05	267	1.1	0.3	
C1457736	0.4	68.3	0.5	0.020	< 0.05	31.5	5.6	0.8	
C1457737	< 0.1	3.7	< 0.1	< 0.001	< 0.05	9.0	< 0.1	< 0.1	
C1457738	< 0.1	36.8	0.2	< 0.001	0.09	5.3	0.2	0.1	
C1457739	0.3	80.2	0.9	< 0.001	0.42	15.6	4.9	2.2	
C1457740	< 0.1	427	< 0.1	< 0.001	0.46	16.2	11.5	1.2	
C1457741	0.1	29.1	0.5	< 0.001	0.24	18.0	2.5	1.0	

Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Ba	Sr	Y	Sc	Zr	Be	V	B	Li	Na
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	5	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.001	0.01		0.01	2	2	1	1	2	1	5	20	0.5	0.01
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	TD-MS	TD-MS	TD-MS
NIST 694 Meas		11.45	1.90	0.76	0.011	0.34	42.06	0.87	0.55	0.118	30.37									1642			
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2									1740			
NCS DC71305 (GBW 07113) Meas		71.69	12.78	3.35	0.150	0.14	0.59	2.52	5.45	0.284	0.05			494	41	45	5	383	4	< 5			
NCS DC71305 (GBW 07113) Cert		72.8	13.0	3.21	0.140	0.160	0.590	2.57	5.43	0.300	0.0500			506	43.0	43.0	5.00	403	4.00	5.00			
NIST 696 Meas		3.90	52.55	8.81	< 0.005	0.03	0.04		0.01	2.671	0.08							1026		400			
NIST 696 Cert		3.79	54.5	8.70	0.00400	0.0120	0.0180		0.00900	2.64	0.0500							1037.0000		403.0000			
DTS-2b Meas		39.43	0.41			49.17	0.14							12			3			20			
DTS-2b Cert		39.4	0.450			49.4	0.120							16.0			3.00			22.0			
SY-4 Meas		49.87	20.82	6.19	0.106	0.50	8.02	6.88	1.65	0.293	0.13			332	1205	112	1	538	3	7			
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			340	1191	119	1.1	517	2.6	8.0			
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 101b (4 Acid) Meas																							
OREAS 101b (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas		47.30	18.62	9.90	0.150	10.14	11.41	1.92	0.23	0.488	0.08			102	143	15	32	36		154			
DNC-1a Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.07			118	144	18.0	31	38.0		148			
BHVO-2 Meas		50.64	13.40	12.65		7.23	11.61	2.23	0.51	2.831	0.27			131	387	22	32	162		336			
BHVO-2 Cert		49.9	13.5	12.3		7.23	11.4	2.22	0.52	2.73	0.27			130	389	26	32	172		317			
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
Oreas 77b (4 Acid) Meas																						17.6	0.39
Oreas 77b (4 Acid) Cert																						18.8	0.434

Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Ba	Sr	Y	Sc	Zr	Be	V	B	Li	Na
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	5	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.001	0.01		0.01	2	2	1	1	2	1	5	20	0.5	0.01
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	TD-MS	TD-MS	TD-MS
Oreas 77b (4 Acid) Meas																						17.6	0.41
Oreas 77b (4 Acid) Cert																						18.8	0.434
Oreas 77b (4 Acid) Meas																						15.7	0.33
Oreas 77b (4 Acid) Cert																						18.8	0.434
OREAS 239 (Fire Assay) Meas	3640																						
OREAS 239 (Fire Assay) Cert	3550																						
W-2b Meas		52.90	15.35	10.85	0.169	6.31	11.01	2.22	0.62	1.087	0.14			172	197	18	36	92	< 1	274			
W-2b Cert		52.68	15.45	10.83	0.167	6.370	10.860	2.200	0.626	1.06	0.140			170	190	23.0	36.0	100	1.3	260			
Oreas E1336 (Fire Assay) Meas	494																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	501																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	510																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	509																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	498																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 681 (4 Acid) Meas																						14.0	1.59
OREAS 681 (4 Acid) Cert																						13.0	1.61
OREAS 297 (Fire Assay) Meas																							
OREAS 297 (Fire Assay) Cert																							
OREAS 70b (4 Acid) Meas																						34.9	0.74
OREAS 70b (4 Acid) Cert																						34.4	0.77
OREAS 620 (4 Acid) Meas																						20.1	1.91
OREAS 620 (4 Acid) Cert																						20.0	1.94
OREAS 620 (4 Acid) Meas																						21.7	2.11
OREAS 620 (4 Acid) Cert																						20.0	1.94
OREAS 620 (4 Acid) Meas																						21.0	2.07

Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Ba	Sr	Y	Sc	Zr	Be	V	B	Li	Na
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	5	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.001	0.01		0.01	2	2	1	1	2	1	5	20	0.5	0.01
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	TD-MS	TD-MS	TD-MS
OREAS 620 (4 Acid) Cert																						20.0	1.94
OREAS L13 Meas	1300																						
OREAS L13 Cert	1290.000																						
OREAS L13 Meas	1260																						
OREAS L13 Cert	1290.000																						
OREAS L13 Meas	1280																						
OREAS L13 Cert	1290.000																						
OREAS L13 Meas	1270																						
OREAS L13 Cert	1290.000																						
OREAS 603c (4 Acid) Meas																						29.6	1.73
OREAS 603c (4 Acid) Cert																						27.6	2
OREAS 601c (4 acid) Meas																						26.7	1.82
OREAS 601c (4 acid) Cert																						26.7	1.94
OREAS 601c (4 acid) Meas																						29.8	1.97
OREAS 601c (4 acid) Cert																						26.7	1.94
OREAS 601c (4 acid) Meas																						27.1	1.92
OREAS 601c (4 acid) Cert																						26.7	1.94
OREAS 601c (4 acid) Meas																						29.8	1.97
OREAS 601c (4 acid) Cert																						26.7	1.94
OREAS 504 (4 Acid) Meas																							
OREAS 504 (4 Acid) Cert																							
OREAS 504 (4 Acid) Meas																							
OREAS 504 (4 Acid) Cert																							
OREAS 504 (4 Acid) Meas																							
OREAS 504 (4 Acid) Cert																							
C1457504 Orig	8																						
C1457504 Dup	8																						
C1457514 Orig																					< 20	9.3	0.81
C1457514 Dup																					< 20	10.2	0.87
C1457516 Orig	40																						
C1457516 Dup	10																						

Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Ba	Sr	Y	Sc	Zr	Be	V	B	Li	Na
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	5	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	2	2	1	1	2	1	5	20	0.5	0.01
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	TD-MS	TD-MS	TD-MS
C1457524 Orig																					< 20	4.3	< 0.01
C1457524 Orig																					< 20	5.2	< 0.01
C1457524 Dup																					< 20	4.3	< 0.01
C1457524 Dup																					< 20	5.1	< 0.01
C1457552 Orig	< 5																						
C1457552 Dup	< 5																						
C1457553 Orig																					< 20	1.3	< 0.01
C1457553 Dup																					< 20	1.3	< 0.01
C1457562 Orig		99.39	0.16	1.10	0.009	0.06	0.07	0.03	0.01	0.008	< 0.01		100.9	4	3	< 1	< 1	4	< 1	< 5			
C1457562 Dup		99.23	0.16	1.10	0.009	0.06	0.07	0.03	< 0.01	0.008	< 0.01		100.8	4	3	< 1	< 1	4	< 1	< 5			
C1457564 Orig	< 5																						
C1457564 Dup	< 5																						
C1457566 Orig																					< 20	15.0	< 0.01
C1457566 Dup																					< 20	15.9	< 0.01
C1457651 Orig	< 5																						
C1457651 Dup	< 5																						
C1457662 Orig		58.23	3.01	26.72	0.308	2.86	0.44	0.13	0.78	0.093	0.04		100.2	335	10	5	2	21	< 1	25	< 20	0.8	0.08
C1457662 Dup		58.56	2.98	27.09	0.304	2.86	0.44	0.13	0.78	0.092	0.05		100.8	335	10	5	2	21	< 1	24	< 20	0.7	0.08
C1457667 Orig	18																						
C1457667 Dup	13																						
C1457670 Orig	< 5																						
C1457670 Dup	< 5																						
C1457674 Orig																					< 20	4.1	< 0.01
C1457674 Dup																					< 20	3.9	< 0.01
C1457679 Orig		71.68	5.07	13.65	0.172	2.62	0.76	0.03	0.30	0.204	0.02		99.64	137	5	2	17	13	< 1	77			
C1457679 Dup		72.00	4.98	13.80	0.170	2.63	0.75	0.03	0.30	0.202	0.02		100.0	137	5	2	18	14	< 1	76			
C1457704 Orig	< 5																						
C1457704 Dup	< 5																						
C1457707 Orig																					< 20	< 0.5	0.01
C1457707 Dup																					< 20	0.5	0.01
C1457708 Orig		75.99	4.60	13.23	0.139	2.44	0.59	0.02	0.03	0.134	0.03		100.8	12	5	7	6	29	< 1	53			
C1457708 Dup		75.92	4.60	13.45	0.140	2.42	0.59	0.02	0.03	0.132	0.03		100.9	12	5	8	6	28	< 1	53			
C1457715 Orig	< 5																						
C1457715 Dup	< 5																						
C1457717 Orig	8	62.52	2.77	22.96	0.245	3.12	0.40	0.09	0.67	0.076	0.29	7.18	100.3	305	7	13	2	18	1	48	< 20	0.9	0.07
C1457717 Split Prep dup	12	62.18	2.82	23.48	0.248	3.15	0.41	0.09	0.67	0.076	0.31	7.20	100.6	308	7	13	2	19	1	47	< 20	0.9	0.06
C1457718 Orig																					< 20	0.7	0.05
C1457718 Dup																					< 20	0.7	0.05
C1457724 Orig	< 5																						
C1457724 Dup	< 5																						
C1457728 Orig		46.00	3.99	33.32	0.525	3.91	1.10	0.47	1.28	0.126	0.20		99.57	380	12	11	3	28	2	25			
C1457728 Dup		46.02	4.00	33.29	0.526	3.94	1.10	0.47	1.28	0.126	0.20		99.61	379	12	11	3	29	2	24			
C1457731 Orig	51																						
C1457731 Dup	40																						
C1457732 Orig																					< 20	7.0	0.07
C1457732 Dup																					< 20	6.9	0.07
C1457736 Orig	27																						
C1457736 Dup	36																						
Method Blank	< 5																						

Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Ba	Sr	Y	Sc	Zr	Be	V	B	Li	Na
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	5	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.001	0.01		0.01	2	2	1	1	2	1	5	20	0.5	0.01
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	TD-MS	TD-MS	TD-MS
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank																					< 20	< 0.5	< 0.01
Method Blank																					< 20	< 0.5	< 0.01
Method Blank																					< 20	< 0.5	< 0.01
Method Blank																							
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank																					< 20	< 0.5	< 0.01
Method Blank																					< 20	< 0.5	< 0.01
Method Blank																					< 20	< 0.5	< 0.01
Method Blank																					< 20	< 0.5	< 0.01
Method Blank																					< 20	< 0.5	< 0.01
Method Blank																					< 20	< 0.5	< 0.01
Method Blank																					< 20	< 0.5	< 0.01

Analyte Symbol	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se	Zn	Ga	As
Unit Symbol	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1	0.2	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
NIST 694 Meas																							
NIST 694 Cert																							
NCS DC71305 (GBW 07113) Meas																							
NCS DC71305 (GBW 07113) Cert																							
NIST 696 Meas																							
NIST 696 Cert																							
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas																							
SY-4 Cert																							
OREAS 101b (4 Acid) Meas	1.16		2.37			69		891	10.3		8.3	14.2		5.0			43.7	7.59					
OREAS 101b (4 Acid) Cert	1.23		2.36			77		927	10.7		8.2	15		5.2			45	8.1					
OREAS 101b (4 Acid) Meas	1.22		2.38			60		927	10.3		8.5	13.9		4.9			44.5	6.88					
OREAS 101b (4 Acid) Cert	1.23		2.36			77		927	10.7		8.2	15		5.2			45	8.1					
OREAS 98 (4 Acid) Meas															43.2		127		97.3	175	1420		
OREAS 98 (4 Acid) Cert															45.10000		121		97.2	158	1360		
OREAS 98 (4 Acid) Meas															44.1		112		97.9	167	1230		
OREAS 98 (4 Acid) Cert															45.10000		121		97.2	158	1360		
DNC-1a Meas																							
DNC-1a Cert																							
BHVO-2 Meas																							
BHVO-2 Cert																							
OREAS 96 (4 Acid) Meas															10.8		49.6		27.7	42.0	440		
OREAS 96 (4 Acid) Cert															11.5		49.9		26.3	40.7	457		
OREAS 96 (4 Acid) Meas															11.2		49.9		27.7	45.3	457		
OREAS 96 (4 Acid) Cert															11.5		49.9		26.3	40.7	457		
OREAS 96 (4 Acid) Meas															11.2		51.2		28.0	39.4	455		
OREAS 96 (4 Acid) Cert															11.5		49.9		26.3	40.7	457		
OREAS 96 (4 Acid) Meas															11.2		49.9		27.7	45.3	457		
OREAS 96 (4 Acid) Cert															11.5		49.9		26.3	40.7	457		
Oreas 77b (4 Acid) Meas	2.48	1.74	0.36	2.92	1.2	33	279	654	28.9	1.1	> 5000		0.4		1.58	2.33	> 500		3.43		212	5.0	1830
Oreas 77b (4 Acid) Cert	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15	113000		0.470		1.62	2.32	1550		3.44		205	4.61	2050
Oreas 77b (4 Acid) Meas	2.67	1.85	0.38	3.17	1.2	35	323	693	30.1	1.1	> 5000		0.4		1.64	2.45	> 500		3.53		223	5.3	2020
Oreas 77b (4	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15	113000		0.470		1.62	2.32	1550		3.44		205	4.61	2050

Analyte Symbol	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se	Zn	Ga	As
Unit Symbol	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1	0.2	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Cert																							
Oreas 77b (4 Acid) Meas	2.15	1.51	0.30	2.56	1.0	35	240	626	26.7	1.1	> 5000		0.5		1.54	2.26	> 500		3.59		198	4.5	1640
Oreas 77b (4 Acid) Cert	2.59	1.94	0.361	3.06	1.20	33.6	280	640	29.9	1.15	113000		0.470		1.62	2.32	1550		3.44		205	4.61	2050
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
W-2b Meas																							
W-2b Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
OREAS 681 (4 Acid) Meas	5.32	8.39	1.33	5.97		175	2000	1350	7.66	1.4	471	1.9	1.3	0.7	0.13	3.99	50.7	1.29	0.09		91.8	14.2	
OREAS 681 (4 Acid) Cert	5.19	7.91	1.35	5.98		253	1640	1310	7.47	1.70	503	1.97	1.41	0.690	0.118	4.02	51.0	1.37	0.0980		88.0	17.6	
OREAS 297 (Fire Assay) Meas																							
OREAS 297 (Fire Assay) Cert																							
OREAS 70b (4 Acid) Meas	13.0	3.66	0.64	3.07	0.3	63		1150	5.64	1.7	2200		1.0		0.21	3.30	78.4		1.13		111	7.8	134
OREAS 70b (4 Acid) Cert	13.4	3.87	0.62	3.05	0.4	67		1150	5.52	1.9	2180		1		0.18	3.44	78.0		0.840		112	10	148
OREAS 620 (4 Acid) Meas	0.33	6.77	2.65	1.54	167	20	19	367	2.91	5.5	14.5		2.6		34.3	4.97	12.9		1.96		> 10000	26.0	49.9
OREAS 620 (4 Acid) Cert	0.34	6.72	2.63	1.60	163	21	22	440	2.94	5.6	15.2		2.4		38.5	5.01	12.1		1.93		31500	23.7	50.0
OREAS 620 (4 Acid) Meas	0.37	7.79	2.80	1.69	157	24	22	409	3.30	5.4	15.7		2.6		36.2	4.91	14.0		1.93		> 10000	26.7	50.5
OREAS 620 (4 Acid) Cert	0.34	6.72	2.63	1.60	163	21	22	440	2.94	5.6	15.2		2.4		38.5	5.01	12.1		1.93		31500	23.7	50.0
OREAS 620 (4 Acid) Meas	0.38	7.10	1.58	1.74	157	22	25	388	3.13	5.4	14.6		2.6		35.1	4.83	13.6		1.83		> 10000	24.6	46.1
OREAS 620 (4 Acid) Cert	0.34	6.72	2.63	1.60	163	21	22	440	2.94	5.6	15.2		2.4		38.5	5.01	12.1		1.93		31500	23.7	50.0
OREAS L13 Meas																							
OREAS L13 Cert																							

Analyte Symbol	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se	Zn	Ga	As
Unit Symbol	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1	0.2	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS L13 Meas																							
OREAS L13 Cert																							
OREAS L13 Meas																							
OREAS L13 Cert																							
OREAS L13 Meas																							
OREAS L13 Cert																							
OREAS 603c (4 Acid) Meas	0.15	6.01	2.23	0.94	29.4	19	22	595	4.05	5.0	26.2	0.8	2.2	0.4	> 100	5.06	14.5	1.10	85.9	30.0	8370	23.5	1460
OREAS 603c (4 Acid) Cert	0.162	6	2	1	31.4	18.6	19.4	660	4	4.87	26.9	0.83	2.28	0.36	294	4.81	14.9	1.19	89	29.6	8030	23.3	1560
OREAS 601c (4 acid) Meas	0.17	6.82	3.02	0.94	2.9	15	17	206	2.34	4.8	6.1	0.9	2.5	0.4	46.1	5.33	4.7	1.06	21.1	7.7	408	24.8	403
OREAS 601c (4 acid) Cert	0.169	7.06	2.72	0.953	2.77	15.5	17.5	230.000	2.41	4.93	6.83	0.78	2.46	0.38	50.3	5.17	4.99	1.08	21.1	8.75	425	23.5	390.000
OREAS 601c (4 acid) Meas	0.17	7.46	3.10	1.01	2.6	18	19	231	2.46	4.9	6.6	0.7	2.5	0.4	48.0	5.24	5.1	0.96	20.6	8.8	434	24.2	391
OREAS 601c (4 acid) Cert	0.169	7.06	2.72	0.953	2.77	15.5	17.5	230.000	2.41	4.93	6.83	0.78	2.46	0.38	50.3	5.17	4.99	1.08	21.1	8.75	425	23.5	390.000
OREAS 601c (4 acid) Meas	0.17	7.02	3.01	0.91	2.9	16	24	231	2.38	5.0	7.0	0.9	2.5	0.4	47.5	5.20	5.0	1.07	21.2	7.3	419	25.8	421
OREAS 601c (4 acid) Cert	0.169	7.06	2.72	0.953	2.77	15.5	17.5	230.000	2.41	4.93	6.83	0.78	2.46	0.38	50.3	5.17	4.99	1.08	21.1	8.75	425	23.5	390.000
OREAS 601c (4 acid) Meas	0.17	7.46	3.10	1.01	2.6	18	19	231	2.46	4.9	6.6	0.7	2.5	0.4	48.0	5.24	5.1	0.96	20.6	8.8	434	24.2	391
OREAS 601c (4 acid) Cert	0.169	7.06	2.72	0.953	2.77	15.5	17.5	230.000	2.41	4.93	6.83	0.78	2.46	0.38	50.3	5.17	4.99	1.08	21.1	8.75	425	23.5	390.000
OREAS 504 (4 Acid) Meas															3.05								
OREAS 504 (4 Acid) Cert															3.13								
OREAS 504 (4 Acid) Meas															3.23								
OREAS 504 (4 Acid) Cert															3.13								
OREAS 504 (4 Acid) Meas															2.87								
OREAS 504 (4 Acid) Cert															3.13								
C1457504 Orig																							
C1457504 Dup																							
C1457514 Orig	8.07	1.79	0.46	15.2	< 0.1	15	9	732	1.68	0.3	2.6	0.6	0.4	0.2	< 0.05	0.54	1.3	0.44	< 0.02	0.5	23.7	2.4	0.2
C1457514 Dup	8.31	1.87	0.47	16.1	0.1	15	9	797	1.76	0.4	2.2	0.6	0.4	0.2	< 0.05	0.52	1.3	0.47	< 0.02	0.6	24.4	2.6	< 0.1
C1457516 Orig																							
C1457516 Dup																							
C1457524 Orig	0.71	0.72	< 0.01	14.2	< 0.1	8	15	760	1.25	< 0.1	15.1	0.1	< 0.1	< 0.1	< 0.05	< 0.05	4.1	< 0.05	< 0.02	< 0.1	11.3	0.9	< 0.1
C1457524 Orig	0.77	0.79	0.01	16.3	< 0.1	9	16	839	1.43	< 0.1	17.1	0.2	< 0.1	< 0.1	< 0.05	< 0.05	4.7	< 0.05	0.05	0.6	15.1	1.0	0.7
C1457524 Dup	0.69	0.67	< 0.01	13.5	< 0.1	7	5	723	1.21	< 0.1	14.8	0.2	< 0.1	< 0.1	< 0.05	< 0.05	4.0	< 0.05	< 0.02	< 0.1	11.2	0.9	0.3
C1457524 Dup	0.78	0.82	< 0.01	16.8	< 0.1	9	6	833	1.39	< 0.1	16.6	0.1	< 0.1	< 0.1	< 0.05	< 0.05	4.6	< 0.05	< 0.02	0.5	13.4	1.0	< 0.1
C1457552 Orig																							
C1457552 Dup																							
C1457553 Orig	0.13	0.22	< 0.01	0.13	< 0.1	8	22	132	1.09	< 0.1	5.4	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	0.9	< 0.05	< 0.02	< 0.1	6.2	0.9	1.0
C1457553 Dup	0.13	0.22	< 0.01	0.12	< 0.1	8	14	138	1.11	< 0.1	2.7	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	0.9	< 0.05	< 0.02	< 0.1	5.6	0.9	0.4
C1457562 Orig																							

Analyte Symbol	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se	Zn	Ga	As
Unit Symbol	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1	0.2	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C1457562 Dup																							
C1457564 Orig																							
C1457564 Dup																							
C1457566 Orig	1.57	2.43	0.21	0.57	0.4	26	108	763	4.50	0.2	24.7	0.6	0.1	0.2	2.44	0.72	10.7	0.81	0.06	2.1	33.3	4.8	0.4
C1457566 Dup	1.61	2.63	0.22	0.57	0.5	27	106	798	4.81	0.2	25.6	0.5	0.2	0.2	2.58	0.73	10.9	0.79	0.07	2.1	31.7	4.8	1.4
C1457651 Orig																							
C1457651 Dup																							
C1457662 Orig	1.62	1.37	0.62	0.27	< 0.1	21	22	2090	17.3	0.5	9.5	0.5	0.5	0.2	0.21	10.6	8.9	0.19	0.08	4.0	32.2	3.6	1.8
C1457662 Dup	1.45	1.40	0.63	0.23	< 0.1	20	53	2000	16.4	0.5	8.9	0.6	0.4	0.2	0.19	10.4	8.5	0.17	0.08	3.9	32.1	3.6	1.2
C1457667 Orig																							
C1457667 Dup																							
C1457670 Orig																							
C1457670 Dup																							
C1457674 Orig	0.34	0.42	0.01	1.32	0.7	9	18	1720	3.94	< 0.1	3.0	0.3	< 0.1	0.1	< 0.05	0.08	1.1	0.19	< 0.02	< 0.1	16.7	1.4	1.7
C1457674 Dup	0.33	0.41	0.01	1.31	0.7	11	15	1650	3.88	< 0.1	3.2	0.3	< 0.1	< 0.1	< 0.05	0.06	1.1	0.18	< 0.02	< 0.1	15.6	1.4	1.4
C1457679 Orig																							
C1457679 Dup																							
C1457704 Orig																							
C1457704 Dup																							
C1457707 Orig	1.30	1.21	0.53	1.32	0.2	20	23	5070	15.8	0.5	8.1	0.7	0.6	0.2	0.18	8.01	5.9	0.27	0.06	2.0	41.4	2.4	1.6
C1457707 Dup	1.30	1.19	0.56	1.47	0.2	22	26	5230	16.3	0.5	8.1	0.8	0.7	0.2	0.12	8.15	6.1	0.27	0.06	2.0	41.7	1.6	1.0
C1457708 Orig																							
C1457708 Dup																							
C1457715 Orig																							
C1457715 Dup																							
C1457717 Orig	1.88	1.47	0.58	0.26	< 0.1	44	29	1840	14.7	0.5	26.3	1.3	1.1	0.5	0.13	9.04	9.8	0.37	0.17	2.5	58.1	3.7	4.1
C1457717 Split Prep dup	1.85	1.51	0.58	0.29	< 0.1	43	39	1880	14.6	0.5	27.0	1.2	1.1	0.5	0.13	9.05	10.1	0.36	0.21	2.5	58.9	3.2	4.2
C1457718 Orig	0.87	0.70	0.30	0.35	< 0.1	13	17	1040	7.30	0.2	9.9	0.4	0.3	0.2	0.06	4.29	5.0	0.12	0.02	1.2	21.2	1.2	1.9
C1457718 Dup	0.83	0.70	0.31	0.34	< 0.1	13	42	990	7.06	0.2	9.9	0.4	0.4	0.1	0.11	4.28	4.9	0.12	< 0.02	1.2	20.0	1.2	1.2
C1457724 Orig																							
C1457724 Dup																							
C1457728 Orig																							
C1457728 Dup																							
C1457731 Orig																							
C1457731 Dup																							
C1457732 Orig	5.92	1.88	0.04	5.26	0.1	137	90	1600	16.5	0.4	167	0.7	0.4	0.2	0.23	0.17	92.2	0.13	0.17	5.0	65.1	4.2	0.7
C1457732 Dup	5.96	1.92	0.04	5.33	0.2	138	102	1580	16.4	0.4	174	0.7	0.4	0.2	0.22	0.15	92.2	0.12	0.17	4.4	66.1	4.3	0.7
C1457736 Orig																							
C1457736 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	3	8	7	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	0.06	< 0.1	< 0.05	< 0.02	0.3	1.7	0.3	0.3
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	3	4	5	< 0.01	< 0.1	< 0.5	< 0.1	0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	0.1	1.0	0.3	0.5
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	2	< 1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1	1.0	0.2	< 0.1
Method Blank																							

Analyte Symbol	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se	Zn	Ga	As
Unit Symbol	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1	0.2	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank																							
Method Blank																							
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1	< 0.2	< 0.1	< 0.1
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	7	7	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	0.07	< 0.1	< 0.05	< 0.02	0.1	0.9	0.2	< 0.1
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	13	7	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1	0.7	0.1	0.3
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	2	8	6	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1	< 0.2	0.1	0.5
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	1	4	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1	0.4	0.1	0.1
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1	< 0.2	< 0.1	< 0.1
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1	< 0.2	< 0.1	0.2

Analyte Symbol	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
NIST 694 Meas																							
NIST 694 Cert																							
NCS DC71305 (GBW 07113) Meas																							
NCS DC71305 (GBW 07113) Cert																							
NIST 696 Meas																							
NIST 696 Cert																							
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas																							
SY-4 Cert																							
OREAS 101b (4 Acid) Meas		127			18.3						810	1330	132	372	50.8	40.3	4.7	25.2	398		2.0	13.1	1.8
OREAS 101b (4 Acid) Cert		133			20.1						754	1325	127	388	48	40	5.4	27	412		2.08	13.9	1.96
OREAS 101b (4 Acid) Meas		133			18.9						829	1380	124	374	51.5	40.6	4.6	25.9	375		1.9	13.2	1.7
OREAS 101b (4 Acid) Cert		133			20.1						754	1325	127	388	48	40	5.4	27	412		2.08	13.9	1.96
OREAS 98 (4 Acid) Meas							> 200	9.4											> 10000				
OREAS 98 (4 Acid) Cert							206	20.1											148000.0				
OREAS 98 (4 Acid) Meas							> 200	9.1											> 10000				
OREAS 98 (4 Acid) Cert							206	20.1											148000.0				
DNC-1a Meas																							
DNC-1a Cert																							
BHVO-2 Meas																							
BHVO-2 Cert																							
OREAS 96 (4 Acid) Meas							66	4.3											> 10000				
OREAS 96 (4 Acid) Cert							65.6	5.09											39300				
OREAS 96 (4 Acid) Meas							62	3.9											> 10000				
OREAS 96 (4 Acid) Cert							65.6	5.09											39300				
OREAS 96 (4 Acid) Meas							67	3.2											> 10000				
OREAS 96 (4 Acid) Cert							65.6	5.09											39300				
OREAS 96 (4 Acid) Meas							62	3.9											> 10000				
OREAS 96 (4 Acid) Cert							65.6	5.09											39300				
Oreas 77b (4 Acid) Meas	19.3	6.8	40	3.3		0.1	2	8.1	1.6	11	15.9	28.0							3350				
Oreas 77b (4 Acid) Cert	19.1	6.55	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7							3426				
Oreas 77b (4 Acid) Meas	20.4	7.0	42	3.4		< 0.1	2	9.3	2.1	10	16.8	29.4							3640				
Oreas 77b (4	19.1	6.55	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7							3426				

Analyte Symbol	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Acid) Cert																							
Oreas 77b (4 Acid) Meas	18.0	6.4	40	3.2		0.1	2	7.7	1.4	11	15.5	26.8							3100				
Oreas 77b (4 Acid) Cert	19.1	6.55	37.9	3.26		0.112	1.59	9.100	1.35	118	15.8	27.7							3426				
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
W-2b Meas																							
W-2b Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
OREAS 681 (4 Acid) Meas	76.4	17.3	47	6.7	1.74	< 0.1	1	< 0.1		430	19.4	40.4	5.0	22.6	4.9	3.9	0.6	3.5	246		0.3	1.9	0.3
OREAS 681 (4 Acid) Cert	80.0	17.5	58.0	6.17	1.38	0.0420	1.89	0.240		442	18.8	40.6	5.32	21.9	4.82	4.06	0.580	3.40	264		0.280	1.77	0.270
OREAS 297 (Fire Assay) Meas																							
OREAS 297 (Fire Assay) Cert																							
OREAS 70b (4 Acid) Meas		9.3	68	3.6	3.92	< 0.1	1	0.5		198	15.3	26.8							46.3				
OREAS 70b (4 Acid) Cert		9.9	66	3.7	3.30	0.05	1	0.6		202	15.3	28.2							52.0				
OREAS 620 (4 Acid) Meas	114	12.8	198	13.0	7.91	1.2	5	11.4		55	30.7	66.2					0.6		1710			0.8	0.1
OREAS 620 (4 Acid) Cert	116	12.3	202	13.1	9.47	1.2	5	76.0		2500	29.7	64.0					0.6		1730			0.7	0.1
OREAS 620 (4 Acid) Meas	113	12.7	212	13.3	8.91	1.1	5	10.8		53	30.3	65.1					0.6		1850			0.8	< 0.1
OREAS 620 (4 Acid) Cert	116	12.3	202	13.1	9.47	1.2	5	76.0		2500	29.7	64.0					0.6		1730			0.7	0.1
OREAS 620 (4 Acid) Meas	104	13.0	199	11.7	10.00	1.0	5	11.6		55	30.6	65.7					0.6		1770			0.8	0.1
OREAS 620 (4 Acid) Cert	116	12.3	202	13.1	9.47	1	5	76.0		2500	29.7	64.0					0.6		1730			0.7	0.1
OREAS L13 Meas																							
OREAS L13 Cert																							

Analyte Symbol	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS L13 Meas																							
OREAS L13 Cert																							
OREAS L13 Meas																							
OREAS L13 Cert																							
OREAS L13 Meas																							
OREAS L13 Cert																							
OREAS 603c (4 Acid) Meas	96.9	11.1	166	12.7	55.3	3.6	12	33.2	14.4		17.6	51.2	6.6	28.3	6.3	4.5	0.6	2.7	> 10000	0.3	< 0.1	0.5	< 0.1
OREAS 603c (4 Acid) Cert	107	11.6	177	13.6	60	4.04	12.1	396	23.8		31.7	68	7.91	28.2	5.90	4.64	0.55	2.76	12100	0.16	0.095	0.58	0.078
OREAS 601c (4 acid) Meas	117	11.2	173	12.5	3.25	0.6	4	7.9	6.0		33.8	73.1	8.1	29.8	6.4	4.6	0.6	2.9	1150	0.2	< 0.1	0.5	< 0.1
OREAS 601c (4 acid) Cert	115	11.5	178	14.7	3.66	0.56	4.23	37.2	7.50		37.1	75	8.41	29.8	5.76	4.65	0.55	2.66	1160.000	0.18	0.094	0.54	0.077
OREAS 601c (4 acid) Meas	119	11.3	180	13.0	3.54	0.5	4	7.2	4.7		33.0	70.0	7.8	30.4	5.3	4.5	0.6	2.7	1230	0.2	< 0.1	0.5	< 0.1
OREAS 601c (4 acid) Cert	115	11.5	178	14.7	3.66	0.56	4.23	37.2	7.50		37.1	75	8.41	29.8	5.76	4.65	0.55	2.66	1160.000	0.18	0.094	0.54	0.077
OREAS 601c (4 acid) Meas	120	11.3	180	14.2	3.24	0.5	4	10.5	6.5		33.6	70.5	8.2	28.8	5.6	4.4	0.6	2.8	1190	0.2	< 0.1	0.5	< 0.1
OREAS 601c (4 acid) Cert	115	11.5	178	14.7	3.66	0.56	4.23	37.2	7.50		37.1	75	8.41	29.8	5.76	4.65	0.55	2.66	1160.000	0.18	0.094	0.54	0.077
OREAS 601c (4 acid) Meas	119	11.3	180	13.0	3.54	0.5	4	7.2	4.7		33.0	70.0	7.8	30.4	5.3	4.5	0.6	2.7	1230	0.2	< 0.1	0.5	< 0.1
OREAS 601c (4 acid) Cert	115	11.5	178	14.7	3.66	0.56	4.23	37.2	7.50		37.1	75	8.41	29.8	5.76	4.65	0.55	2.66	1160.000	0.18	0.094	0.54	0.077
OREAS 504 (4 Acid) Meas					676														> 10000				
OREAS 504 (4 Acid) Cert					643														11370.000				
OREAS 504 (4 Acid) Meas					685														> 10000				
OREAS 504 (4 Acid) Cert					643														11370.000				
OREAS 504 (4 Acid) Meas					644														> 10000				
OREAS 504 (4 Acid) Cert					643														11370.000				
C1457504 Orig																							
C1457504 Dup																							
C1457514 Orig	11.6	6.4	13	1.1	0.26	< 0.1	< 1	< 0.1	< 0.1	69	5.8	11.2	1.4	6.3	1.0	1.2	0.2	1.1	2.3	< 0.1	< 0.1	0.4	< 0.1
C1457514 Dup	12.1	6.5	14	1.1	0.32	< 0.1	< 1	< 0.1	< 0.1	70	6.1	11.8	1.5	6.4	1.4	1.3	0.2	1.2	2.6	< 0.1	< 0.1	0.4	< 0.1
C1457516 Orig																							
C1457516 Dup																							
C1457524 Orig	< 0.2	1.0	< 1	0.1	0.22	< 0.1	< 1	< 0.1	< 0.1	2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.3	< 0.1	< 0.1	0.3	< 0.1
C1457524 Orig	< 0.2	1.1	< 1	0.1	0.32	< 0.1	< 1	< 0.1	< 0.1	2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1	< 0.1	0.3	< 0.1
C1457524 Dup	< 0.2	1.0	< 1	0.1	0.24	< 0.1	< 1	< 0.1	< 0.1	2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.7	< 0.1	< 0.1	0.3	< 0.1
C1457524 Dup	< 0.2	1.0	< 1	0.1	0.31	< 0.1	< 1	< 0.1	< 0.1	2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1	< 0.1	0.3	< 0.1
C1457552 Orig																							
C1457552 Dup																							
C1457553 Orig	0.3	0.3	< 1	0.2	0.54	< 0.1	< 1	0.1	< 0.1	1	0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	4.8	0.1	< 0.1	< 0.1	< 0.1
C1457553 Dup	0.3	0.3	< 1	0.2	0.50	< 0.1	< 1	< 0.1	< 0.1	1	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	5.2	0.1	< 0.1	< 0.1	< 0.1
C1457562 Orig																							

Analyte Symbol	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
C1457562 Dup																							
C1457564 Orig																							
C1457564 Dup																							
C1457566 Orig	10.1	5.0	7	1.2	0.88	< 0.1	< 1	0.3	0.1	15	3.2	6.6	0.7	3.0	0.7	0.7	0.1	0.9	2660	< 0.1	< 0.1	0.5	< 0.1
C1457566 Dup	10.3	5.1	7	1.3	0.86	< 0.1	< 1	0.3	0.2	17	3.3	6.7	0.7	3.2	0.6	0.8	0.1	0.9	2690	0.1	< 0.1	0.5	< 0.1
C1457651 Orig																							
C1457651 Dup																							
C1457662 Orig	31.8	5.6	20	2.2	0.64	< 0.1	< 1	0.9	0.5	57	8.6	15.9	1.9	8.1	1.3	1.3	0.2	1.0	325	0.2	< 0.1	0.7	0.1
C1457662 Dup	30.6	5.3	19	2.2	0.74	< 0.1	< 1	0.8	0.5	43	8.1	15.5	1.8	7.5	1.4	1.2	0.2	0.9	324	0.2	< 0.1	0.6	0.1
C1457667 Orig																							
C1457667 Dup																							
C1457670 Orig																							
C1457670 Dup																							
C1457674 Orig	0.6	2.8	3	0.4	2.21	< 0.1	< 1	0.4	0.6	10	1.5	2.8	0.4	1.5	0.2	0.4	< 0.1	0.5	4.6	< 0.1	< 0.1	0.4	< 0.1
C1457674 Dup	0.6	2.8	3	0.4	2.24	< 0.1	< 1	0.4	0.6	9	1.5	2.7	0.4	1.3	0.4	0.3	< 0.1	0.5	5.4	< 0.1	< 0.1	0.4	< 0.1
C1457679 Orig																							
C1457679 Dup																							
C1457704 Orig																							
C1457704 Dup																							
C1457707 Orig	26.1	6.0	20	2.3	0.40	< 0.1	< 1	0.4	0.4	111	7.9	13.6	1.5	6.2	1.1	1.0	0.2	1.0	180	0.2	0.1	0.9	0.1
C1457707 Dup	26.8	6.1	20	2.3	0.41	< 0.1	< 1	0.4	0.4	229	8.1	14.1	1.6	6.2	1.3	1.1	0.2	1.0	183	0.2	0.1	0.9	0.1
C1457708 Orig																							
C1457708 Dup																							
C1457715 Orig																							
C1457715 Dup																							
C1457717 Orig	28.1	13.1	18	2.0	0.70	< 0.1	< 1	1.2	0.4	71	10.6	16.1	2.3	9.8	2.0	2.1	0.4	2.3	152	0.2	0.2	1.2	0.2
C1457717 Split Prep dup	29.2	12.9	18	2.0	0.80	< 0.1	< 1	1.2	0.5	132	10.8	16.8	2.5	10.0	2.2	2.2	0.4	2.4	156	0.2	0.2	1.2	0.2
C1457718 Orig	14.5	4.1	7	0.8	1.22	< 0.1	< 1	0.4	0.1	146	4.0	7.7	0.9	3.4	0.8	0.7	0.1	0.6	96.1	0.1	< 0.1	0.4	< 0.1
C1457718 Dup	14.1	4.2	7	0.9	0.44	< 0.1	< 1	0.4	0.1	144	4.0	7.6	0.8	3.4	0.6	0.6	< 0.1	0.6	93.0	0.1	< 0.1	0.4	< 0.1
C1457724 Orig																							
C1457724 Dup																							
C1457728 Orig																							
C1457728 Dup																							
C1457731 Orig																							
C1457731 Dup																							
C1457732 Orig	1.2	5.9	17	1.4	0.63	< 0.1	< 1	0.3	0.5	7	2.0	3.9	0.5	2.4	0.8	0.8	0.2	1.1	959	1.2	< 0.1	0.8	0.1
C1457732 Dup	1.1	5.9	17	1.3	0.60	< 0.1	< 1	0.3	0.5	7	2.0	4.0	0.6	2.5	0.6	0.8	0.2	1.1	973	1.7	< 0.1	0.8	0.1
C1457736 Orig																							
C1457736 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.2	< 0.1	< 1	< 0.1	0.27	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.7	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.2	< 0.1	< 1	< 0.1	0.08	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.5	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.2	< 0.1	< 1	< 0.1	0.47	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							

Analyte Symbol	Rb	Y	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge	Tm	Yb	Lu
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
Method Blank																							
Method Blank																							
Method Blank	< 0.2	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.2	< 0.1	< 1	< 0.1	0.35	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.2	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.2	< 0.1	< 1	< 0.1	0.17	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.2	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.2	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.2	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Ta	Sr	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
NIST 694 Meas									
NIST 694 Cert									
NCS DC71305 (GBW 07113) Meas									
NCS DC71305 (GBW 07113) Cert									
NIST 696 Meas									
NIST 696 Cert									
DTS-2b Meas									
DTS-2b Cert									
SY-4 Meas									
SY-4 Cert									
OREAS 101b (4 Acid) Meas						22.1	38.0	371	
OREAS 101b (4 Acid) Cert						23	36.4	387	
OREAS 101b (4 Acid) Meas						22.3	35.5	401	
OREAS 101b (4 Acid) Cert						23	36.4	387	
OREAS 98 (4 Acid) Meas						332			
OREAS 98 (4 Acid) Cert						345			
OREAS 98 (4 Acid) Meas						362			
OREAS 98 (4 Acid) Cert						345			
DNC-1a Meas									
DNC-1a Cert									
BHVO-2 Meas									
BHVO-2 Cert									
OREAS 96 (4 Acid) Meas						98.7			
OREAS 96 (4 Acid) Cert						101			
OREAS 96 (4 Acid) Meas						100			
OREAS 96 (4 Acid) Cert						101			
OREAS 96 (4 Acid) Meas						97.1			
OREAS 96 (4 Acid) Cert						101			
OREAS 96 (4 Acid) Meas						100			
OREAS 96 (4 Acid) Cert						101			
Oreas 77b (4 Acid) Meas	0.3	35.8	3.1	0.023	1.38	57.0	6.7	1.8	
Oreas 77b (4 Acid) Cert	0.280	34.4	3.07	0.0220	1.37	61.0	6.61	1.71	
Oreas 77b (4 Acid) Meas	0.3	35.8	3.5	0.023	1.38	57.8	6.7	1.7	

Analyte Symbol	Ta	Sr	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
Oreas 77b (4 Acid) Cert	0.280	34.4	3.07	0.0220	1.37	61.0	6.61	1.71	
Oreas 77b (4 Acid) Meas	0.3	33.8	3.1	0.020	1.43	59.9	6.7	1.8	
Oreas 77b (4 Acid) Cert	0.280	34.4	3.07	0.0220	1.37	61.0	6.61	1.71	
OREAS 239 (Fire Assay) Meas									3.65
OREAS 239 (Fire Assay) Cert									3.55
W-2b Meas									
W-2b Cert									
Oreas E1336 (Fire Assay) Meas									
Oreas E1336 (Fire Assay) Cert									
Oreas E1336 (Fire Assay) Meas									
Oreas E1336 (Fire Assay) Cert									
Oreas E1336 (Fire Assay) Meas									
Oreas E1336 (Fire Assay) Cert									
Oreas E1336 (Fire Assay) Meas									
Oreas E1336 (Fire Assay) Cert									
Oreas E1336 (Fire Assay) Meas									
Oreas E1336 (Fire Assay) Cert									
OREAS 681 (4 Acid) Meas	< 0.1	490	< 0.1			9.8	6.0	1.4	
OREAS 681 (4 Acid) Cert	0.420	478	1.09			10.2	6.55	1.44	
OREAS 297 (Fire Assay) Meas									18.3
OREAS 297 (Fire Assay) Cert									17.83
OREAS 70b (4 Acid) Meas	0.3	73.8	5.1		0.33	13.9	6.4	1.6	
OREAS 70b (4 Acid) Cert	0.3	74.0	4.9		0.33	13.7	6.9	1.7	
OREAS 620 (4 Acid) Meas	0.3	122	1.7		1.59	> 5000	9.4	4.1	
OREAS 620 (4 Acid) Cert	1	131	2.2		1.61	7740	11	4.2	
OREAS 620 (4 Acid) Meas	0.3	126	1.8		1.60	> 5000	8.7	4.1	
OREAS 620 (4 Acid) Cert	1	131	2.2		1.61	7740	11	4.2	
OREAS 620 (4 Acid) Meas	0.3	120	1.7		1.59	> 5000	8.6	4.2	
OREAS 620 (4 Acid) Cert	1	131	2.2		1.61	7740	11	4.2	
OREAS L13									

Analyte Symbol	Ta	Sr	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
Meas									
OREAS L13 Cert									
OREAS L13 Meas									
OREAS L13 Cert									
OREAS L13 Meas									
OREAS L13 Cert									
OREAS L13 Meas									
OREAS L13 Cert									
OREAS 603c (4 Acid) Meas	0.3	143	7.7	0.029	4.19	> 5000	4.8	4.4	
OREAS 603c (4 Acid) Cert	1.04	270	8.99	0.035	4.18	10428	11.4	4.42	
OREAS 601c (4 acid) Meas	0.5	226	4.3		1.81	323	11.0	4.2	
OREAS 601c (4 acid) Cert	1.11	230	4.67		1.75	328	12.4	4.40	
OREAS 601c (4 acid) Meas	0.5	228	4.1		1.76	341	10.0	4.2	
OREAS 601c (4 acid) Cert	1.11	230	4.67		1.75	328	12.4	4.40	
OREAS 601c (4 acid) Meas	0.6	224	4.6		1.75	326	10.6	4.0	
OREAS 601c (4 acid) Cert	1.11	230	4.67		1.75	328	12.4	4.40	
OREAS 601c (4 acid) Meas	0.5	228	4.1		1.76	341	10.0	4.2	
OREAS 601c (4 acid) Cert	1.11	230	4.67		1.75	328	12.4	4.40	
OREAS 504 (4 Acid) Meas									
OREAS 504 (4 Acid) Cert									
OREAS 504 (4 Acid) Meas									
OREAS 504 (4 Acid) Cert									
OREAS 504 (4 Acid) Meas									
OREAS 504 (4 Acid) Cert									
C1457504 Orig									
C1457504 Dup									
C1457514 Orig	< 0.1	194	0.3	< 0.001	0.07	1.7	1.4	0.7	
C1457514 Dup	< 0.1	198	0.2	< 0.001	0.08	1.7	1.4	0.7	
C1457516 Orig									
C1457516 Dup									
C1457524 Orig	< 0.1	21.3	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
C1457524 Orig	< 0.1	21.3	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
C1457524 Dup	< 0.1	20.8	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
C1457524 Dup	< 0.1	21.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
C1457552 Orig									
C1457552 Dup									

Analyte Symbol	Ta	Sr	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
C1457553 Orig	< 0.1	3.0	< 0.1	0.001	< 0.05	1.8	< 0.1	< 0.1	
C1457553 Dup	< 0.1	3.1	< 0.1	< 0.001	< 0.05	1.5	< 0.1	< 0.1	
C1457562 Orig									
C1457562 Dup									
C1457564 Orig									
C1457564 Dup									
C1457566 Orig	< 0.1	13.1	< 0.1	< 0.001	0.07	3.4	0.6	0.2	
C1457566 Dup	< 0.1	13.6	< 0.1	< 0.001	0.07	3.4	0.6	0.6	
C1457651 Orig									
C1457651 Dup									
C1457662 Orig	0.1	10.2	0.2	< 0.001	0.14	6.4	3.2	0.4	
C1457662 Dup	0.1	9.8	0.2	< 0.001	0.14	5.8	3.0	0.4	
C1457667 Orig									
C1457667 Dup									
C1457670 Orig									
C1457670 Dup									
C1457674 Orig	< 0.1	14.5	0.1	0.001	< 0.05	4.4	0.4	0.1	
C1457674 Dup	< 0.1	14.1	< 0.1	0.002	< 0.05	4.3	0.3	0.3	
C1457679 Orig									
C1457679 Dup									
C1457704 Orig									
C1457704 Dup									
C1457707 Orig	0.2	30.1	0.2	< 0.001	0.12	5.0	3.3	0.5	
C1457707 Dup	0.2	30.5	0.2	< 0.001	0.12	5.3	3.5	0.6	
C1457708 Orig									
C1457708 Dup									
C1457715 Orig									
C1457715 Dup									
C1457717 Orig	0.1	6.2	0.2	0.001	0.17	3.5	2.3	0.8	
C1457717 Split Prep dup	0.1	7.0	0.3	0.002	0.17	3.7	2.4	0.8	
C1457718 Orig	< 0.1	7.8	0.1	< 0.001	0.09	2.9	1.0	0.2	
C1457718 Dup	< 0.1	9.3	0.1	< 0.001	0.09	2.9	1.0	0.2	
C1457724 Orig									
C1457724 Dup									
C1457728 Orig									
C1457728 Dup									
C1457731 Orig									
C1457731 Dup									
C1457732 Orig	< 0.1	3.2	0.2	0.013	< 0.05	5.1	0.8	0.2	
C1457732 Dup	< 0.1	2.8	0.2	0.012	< 0.05	5.2	0.8	0.2	
C1457736 Orig									
C1457736 Dup									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	

Analyte Symbol	Ta	Sr	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.1	0.2	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
Method Blank	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank									< 0.03
Method Blank									
Method Blank									
Method Blank	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank	< 0.1	< 0.2	< 0.1	0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	
Method Blank	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	

2024 – Soils : Midland

Quality Analysis ... *Innovative Technologies*

Report No.: **A24-06951**
Report Date: **15-Jul-24**
Date Submitted: **20-Jun-24**
Your Reference: **Willbob project**

MIDLAND EXPLORATION
132,BD CURE LABELLE SUITE 220
ROSEMERE QC J7A 2H1
Canada

ATTN: Richard D St-Cyr

CERTIFICATE OF ANALYSIS

78 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1H	QOP INAAGEO/QOP Total (INAA/Total Digestion ICPOES)	2024-06-26 10:41:31

REPORT **A24-06951**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

Refer to the Scope of Accreditation for information on accredited elements.

SCC Accredited LAB Accrédité CCN

LabID: 266

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
C1457901	< 2	0.4	17	< 0.3	1	13	19	35	0.02	6.36	9.9	610	1	< 2	11.1	1.17	7	55	3	0.4	4.32	7	< 1
C1457902	< 2	0.6	24	< 0.3	1	12	17	36	0.02	6.67	7.6	500	1	< 2	22.9	1.36	9	54	< 1	1.1	3.94	8	< 1
C1457903	< 2	0.5	2	< 0.3	< 1	12	14	27	< 0.01	6.32	4.9	840	1	< 2	< 0.5	1.59	7	49	1	0.4	3.30	10	< 1
C1457904	< 2	0.7	10	< 0.3	2	10	18	35	0.02	7.35	5.6	540	1	< 2	8.5	1.28	7	49	< 1	1.0	3.79	7	< 1
C1457905	< 2	0.8	13	< 0.3	< 1	10	18	35	< 0.01	6.67	2.5	620	1	< 2	4.9	1.65	9	47	< 1	1.0	2.87	7	< 1
C1457906	76	0.6	35	< 0.3	< 1	10	15	35	0.02	6.02	6.0	630	1	< 2	9.5	1.28	6	50	5	1.0	5.65	8	< 1
C1457907	8	0.4	63	< 0.3	< 1	15	10	27	0.10	4.98	4.6	540	< 1	2	5.9	0.91	3	42	4	0.4	7.55	6	< 1
C1457908	< 2	0.8	4	< 0.3	1	12	14	33	< 0.01	6.26	6.2	570	1	3	3.6	1.35	4	42	1	0.6	3.19	8	< 1
C1457909	< 2	0.6	10	< 0.3	< 1	12	13	39	0.01	4.27	7.9	360	< 1	< 2	< 0.5	0.61	9	36	12	< 0.2	10.4	6	< 1
C1457910	< 2	0.4	9	< 0.3	< 1	20	14	35	< 0.01	5.08	8.9	460	< 1	< 2	5.7	0.72	9	29	4	< 0.2	5.72	7	< 1
C1457911	< 2	< 0.3	6	< 0.3	< 1	11	16	37	< 0.01	6.62	34.5	620	1	2	5.5	1.16	6	56	4	0.4	3.46	8	< 1
C1457912	< 2	0.5	14	< 0.3	< 1	12	22	44	0.01	7.09	6.3	670	1	< 2	9.6	1.19	9	72	2	1.2	4.19	8	< 1
C1457913	< 2	0.6	12	< 0.3	< 1	10	21	43	0.01	6.90	8.9	710	1	2	8.6	1.18	14	65	3	0.4	4.51	8	< 1
C1457914	< 2	0.4	7	< 0.3	< 1	13	14	28	< 0.01	6.48	54.0	730	1	< 2	6.2	1.18	8	56	4	< 0.2	3.02	9	< 1
C1457915	8	0.5	8	< 0.3	< 1	9	20	37	< 0.01	5.91	3.6	630	1	< 2	3.3	1.14	11	45	8	1.4	5.27	5	< 1
C1457916	< 2	0.8	38	< 0.3	< 1	11	13	31	0.02	7.24	14.4	780	1	4	8.5	1.77	7	60	7	1.0	4.61	8	< 1
C1457917	95	< 0.3	504	0.4	< 1	17	11	44	0.44	2.49	12.1	730	< 1	< 2	20.4	0.15	14	42	14	0.3	27.0	3	< 1
C1457918	< 2	0.5	10	< 0.3	< 1	12	12	25	0.02	6.23	27.6	540	< 1	< 2	15.8	1.18	6	78	< 1	1.0	3.71	11	< 1
C1457919	< 2	0.5	11	< 0.3	< 1	14	17	34	0.02	6.04	46.2	740	< 1	< 2	14.8	1.07	7	78	< 1	0.3	5.95	9	< 1
C1457920	30	0.4	9	< 0.3	1	11	17	29	0.01	7.15	5.6	600	1	< 2	10.8	1.50	9	67	< 1	1.0	3.73	9	< 1
C1457921	< 2	0.7	10	< 0.3	< 1	10	18	31	0.01	6.92	4.6	700	1	< 2	15.3	1.48	9	61	2	1.1	3.26	9	< 1
C1457922	< 2	0.4	9	< 0.3	1	12	14	26	< 0.01	6.57	7.3	670	1	< 2	9.4	1.39	7	60	2	0.4	3.01	9	< 1
C1457923	< 2	0.8	2	< 0.3	< 1	13	13	26	< 0.01	6.10	8.9	780	< 1	< 2	5.0	1.37	6	52	3	0.4	3.42	9	< 1
C1457924	< 2	0.4	11	< 0.3	< 1	9	12	22	< 0.01	6.54	< 0.5	630	1	< 2	5.0	1.57	5	40	< 1	0.6	2.27	5	< 1
C1457925	< 2	0.4	24	< 0.3	< 1	15	20	41	< 0.01	6.30	4.2	430	1	3	4.5	1.20	14	52	7	1.0	5.95	9	< 1
C1457926	< 2	0.7	4	< 0.3	< 1	11	15	30	0.01	6.50	3.0	710	1	< 2	7.2	1.34	6	48	2	0.3	3.79	8	< 1
C1457927	< 2	0.3	1	< 0.3	< 1	5	16	48	< 0.01	5.09	1.1	160	1	< 2	3.9	1.47	17	25	2	< 0.2	5.97	4	< 1
C1457928	< 2	0.5	13	< 0.3	< 1	8	22	51	< 0.01	6.62	3.0	470	2	< 2	< 0.5	0.96	14	40	7	1.0	5.64	7	< 1
C1457929	< 2	0.7	12	< 0.3	< 1	11	14	30	0.01	6.19	3.2	710	1	3	9.9	1.46	7	45	< 1	0.9	3.39	10	< 1
C1457930	< 2	< 0.3	6	< 0.3	1	10	17	34	0.01	6.78	6.4	540	1	3	7.4	1.39	7	57	2	0.4	3.81	7	< 1
C1457931	< 2	< 0.3	8	< 0.3	1	10	16	35	0.01	7.10	8.6	650	1	< 2	8.2	1.55	8	54	< 1	1.0	3.60	9	2
C1457932	< 2	0.6	10	< 0.3	< 1	10	20	39	< 0.01	6.74	7.3	630	1	< 2	4.8	1.27	9	61	3	0.3	4.04	6	< 1
C1457933	< 2	0.7	4	< 0.3	< 1	14	14	26	< 0.01	6.44	4.3	690	1	< 2	3.7	1.47	6	46	< 1	1.0	3.06	10	< 1
C1457934	< 2	0.5	22	< 0.3	1	11	17	33	0.02	6.42	2.3	690	1	< 2	12.4	1.40	11	55	< 1	0.7	3.85	7	< 1
C1457935	9	0.3	29	< 0.3	2	12	19	44	0.02	6.36	1.7	660	1	< 2	14.3	1.31	9	59	6	0.8	4.67	10	< 1
C1457936	< 2	0.8	5	< 0.3	1	12	19	38	0.01	6.01	2.2	650	< 1	< 2	5.8	1.38	6	61	3	< 0.2	3.94	10	< 1
C1457937	< 2	0.5	25	< 0.3	< 1	31	16	50	0.01	4.37	2.4	320	2	< 2	5.1	1.00	10	33	13	0.9	9.59	4	< 1
C1457938	431	0.5	9	< 0.3	< 1	13	15	34	0.02	6.09	13.7	570	1	< 2	10.3	1.22	6	55	4	0.6	6.02	10	< 1
C1457939	< 2	0.8	12	< 0.3	< 1	12	17	32	0.01	6.59	4.3	550	1	< 2	5.5	1.50	9	45	2	1.0	3.60	8	< 1
C1457940	8	< 0.3	64	< 0.3	< 1	12	49	70	< 0.01	6.66	7.3	520	1	< 2	3.2	1.04	19	80	3	1.3	5.12	7	< 1
C1457941	< 2	0.7	18	< 0.3	1	10	14	37	0.01	5.86	5.8	590	< 1	< 2	6.9	1.14	7	45	3	1.0	5.11	8	< 1
C1457942	< 2	0.7	5	< 0.3	2	11	16	33	0.02	6.99	2.7	530	1	< 2	6.4	1.49	7	45	2	1.1	3.43	8	< 1
C1457943	< 2	< 0.3	7	< 0.3	1	10	11	21	< 0.01	6.50	4.4	490	1	< 2	8.9	1.59	5	37	< 1	0.9	2.61	7	< 1
C1457944	7	0.9	16	< 0.3	1	10	17	37	0.02	11.6	4.7	550	1	2	4.4	1.79	6	45	2	< 0.2	3.71	10	< 1
C1457945	28	0.5	28	< 0.3	< 1	9	27	53	< 0.01	6.01	7.2	450	1	2	< 0.5	0.71	9	72	4	0.8	5.53	6	< 1
C1457946	< 2	0.5	14	< 0.3	1	11	14	35	0.01	6.37	5.4	680	1	2	7.9	1.49	8	43	2	1.2	2.92	11	< 1
C1457947	12	1.2	29	< 0.3	1	15	31	73	0.03	6.74	11.8	650	2	< 2	11.6	1.15	23	58	< 1	1.4	7.70	7	< 1
C1457948	31	0.6	17	< 0.3	2	9	17	34	0.01	6.92	1.6	450	1	< 2	12.4	1.46	5	68	2	0.8	4.05	8	< 1
C1457949	< 2	0.4	11	< 0.3	< 1	12	19	46	0.01	6.69	5.6	480	1	3	8.2	1.32	10	56	1	1.4	3.98	7	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
C1457950	< 2	0.8	6	< 0.3	1	13	17	34	0.02	7.20	4.8	480	1	< 2	9.1	1.36	8	66	2	1.0	4.06	8	< 1
C1457951	< 2	0.8	5	< 0.3	< 1	9	16	34	0.01	12.8	3.6	480	1	2	3.6	1.95	8	44	< 1	0.7	2.67	7	< 1
C1457952	< 2	0.6	8	< 0.3	< 1	11	20	43	< 0.01	7.09	3.2	330	1	2	5.7	1.49	5	62	< 1	1.0	3.35	7	< 1
C1457953	< 2	0.3	5	< 0.3	1	12	15	35	0.02	6.55	4.3	490	1	3	14.1	1.28	9	76	2	0.5	4.94	10	< 1
C1457954	< 2	0.4	4	< 0.3	< 1	12	13	26	0.01	6.47	8.0	500	< 1	2	17.6	1.32	4	60	< 1	1.0	3.55	10	< 1
C1457955	< 2	0.5	13	< 0.3	< 1	15	20	43	< 0.01	6.69	6.0	590	1	< 2	7.5	1.57	12	61	< 1	1.4	3.46	9	< 1
C1457956	< 2	0.5	17	< 0.3	< 1	11	21	45	0.01	6.72	5.7	800	1	< 2	3.4	1.46	11	51	< 1	0.9	3.55	9	< 1
C1457957	< 2	0.6	8	< 0.3	1	10	15	31	0.01	6.65	1.4	510	1	< 2	7.8	1.51	5	48	< 1	1.0	2.87	6	< 1
C1457958	< 2	0.7	9	< 0.3	1	11	16	35	< 0.01	6.61	4.6	430	1	< 2	3.9	1.50	6	51	1	0.9	3.26	6	< 1
C1457959	< 2	0.3	5	< 0.3	< 1	16	15	33	0.01	6.38	7.8	470	1	< 2	11.6	1.42	7	68	1	0.8	4.56	8	< 1
C1457960	< 2	0.4	17	< 0.3	< 1	11	21	48	< 0.01	6.85	5.3	540	1	< 2	3.6	1.24	15	64	2	0.8	4.01	8	< 1
C1457961	< 2	0.4	18	< 0.3	< 1	12	21	46	< 0.01	6.88	3.5	390	1	< 2	7.3	1.49	14	54	< 1	1.4	3.45	8	< 1
C1457962	< 2	0.8	7	< 0.3	2	13	16	33	< 0.01	6.64	5.4	550	1	< 2	7.9	1.49	7	67	< 1	1.5	3.81	9	< 1
C1457963	< 2	0.6	6	< 0.3	2	11	14	30	< 0.01	6.56	1.9	340	1	2	10.3	1.54	3	54	< 1	0.7	3.19	7	< 1
C1457964	< 2	0.6	5	< 0.3	2	13	14	28	< 0.01	6.46	4.7	550	1	< 2	2.6	1.64	7	50	1	1.0	3.36	8	< 1
C1457965	< 2	1.0	4	< 0.3	< 1	11	17	30	< 0.01	6.18	4.3	500	< 1	2	1.6	1.57	10	65	< 1	1.1	4.07	9	< 1
C1457966	< 2	0.3	7	< 0.3	1	13	14	28	0.01	6.61	3.3	440	1	< 2	12.0	1.32	5	53	< 1	0.7	3.75	9	< 1
C1457967	6	< 0.3	7	< 0.3	1	11	14	27	0.01	6.50	3.9	490	1	2	9.0	1.06	3	57	3	0.4	4.08	8	< 1
C1457968	< 2	0.6	12	< 0.3	1	13	13	26	0.01	6.18	4.9	500	1	< 2	8.8	1.23	2	72	2	0.7	4.63	8	< 1
C1457969	< 2	0.7	9	< 0.3	< 1	13	14	27	< 0.01	6.97	6.1	580	1	< 2	9.5	1.44	6	62	< 1	1.2	3.40	10	< 1
C1457970	< 2	0.8	6	< 0.3	< 1	13	16	39	< 0.01	6.68	2.0	460	1	4	7.2	1.70	11	46	< 1	1.1	3.53	10	< 1
C1457971	< 2	0.5	25	< 0.3	< 1	12	29	61	< 0.01	7.23	3.0	460	1	< 2	< 0.5	1.31	17	55	< 1	1.1	3.98	6	< 1
C1457972	< 2	0.8	21	< 0.3	< 1	11	25	47	0.01	7.00	3.8	420	1	< 2	11.1	1.34	15	58	< 1	1.1	4.05	8	< 1
C1457973	< 2	0.7	24	< 0.3	< 1	10	21	46	0.01	9.05	2.9	370	1	< 2	7.5	1.55	9	56	2	0.2	3.68	6	< 1
C1457974	4	0.8	15	< 0.3	< 1	10	21	38	< 0.01	6.66	2.0	500	1	< 2	< 0.5	1.65	11	61	< 1	1.4	3.56	9	< 1
C1457975	11	0.6	28	< 0.3	2	13	20	33	< 0.01	6.76	1.7	560	1	< 2	6.4	1.54	9	46	1	1.4	3.40	10	< 1
C1457976	32	0.6	10	< 0.3	< 1	11	18	28	0.02	6.28	5.6	520	1	< 2	< 0.5	1.17	10	45	1	0.6	4.80	8	< 1
C1457977	62	0.8	16	< 0.3	< 1	13	12	32	0.01	5.46	7.3	470	< 1	< 2	3.2	1.06	8	44	4	0.7	6.88	9	< 1
C1457978	< 2	0.7	5	< 0.3	1	12	11	23	< 0.01	6.27	2.6	630	1	< 2	7.6	1.38	3	43	< 1	0.9	3.06	12	< 1

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
C1457901	< 5	1.90	18	0.69	440	1.86	0.041	27	0.3	7.6	< 3	234	< 0.5	0.33	8.7	0.8	75	< 1	9	20.6	40	< 5	2.8
C1457902	< 5	1.75	15	0.65	491	2.05	0.043	106	0.2	8.3	< 3	260	< 0.5	0.29	7.3	0.8	63	< 1	10	20.6	45	10	3.2
C1457903	< 5	2.13	9	0.64	327	2.61	0.028	104	< 0.1	7.4	< 3	318	< 0.5	0.11	5.2	< 0.5	25	< 1	8	15.2	29	11	2.5
C1457904	< 5	2.43	19	0.67	352	1.99	0.054	160	0.2	7.4	< 3	269	< 0.5	0.28	7.2	1.3	64	< 1	10	19.3	43	13	3.1
C1457905	< 5	2.20	12	0.72	414	2.33	0.074	112	< 0.1	7.2	< 3	311	< 0.5	0.27	7.3	< 0.5	58	< 1	11	22.9	39	10	3.7
C1457906	< 5	2.11	14	0.77	529	2.00	0.036	108	0.1	7.4	< 3	250	< 0.5	0.29	6.5	0.7	64	< 1	10	22.6	38	20	2.9
C1457907	< 5	1.50	7	0.92	567	1.46	0.042	44	0.5	6.2	< 3	191	< 0.5	0.24	6.3	< 0.5	67	< 1	9	16.8	32	17	2.7
C1457908	< 5	1.77	11	0.60	322	2.07	0.028	89	0.3	6.3	< 3	280	< 0.5	0.32	4.3	1.1	74	< 1	7	13.6	27	6	2.1
C1457909	< 5	1.36	10	1.42	2170	1.10	0.037	178	0.7	5.4	< 3	127	< 0.5	0.25	3.5	< 0.5	77	< 1	6	10.4	19	< 5	1.5
C1457910	< 5	0.85	16	1.95	1200	1.88	0.014	< 15	0.2	5.1	< 3	102	< 0.5	0.23	8.2	1.7	48	< 1	6	16.5	25	7	1.9
C1457911	< 5	1.96	15	0.71	347	1.89	0.020	106	0.2	8.2	< 3	241	< 0.5	0.32	7.1	0.9	62	< 1	10	21.1	34	17	2.7
C1457912	< 5	2.09	21	0.80	365	2.22	0.037	127	< 0.1	9.2	< 3	250	< 0.5	0.21	8.0	1.8	50	< 1	9	22.0	43	12	3.9
C1457913	< 5	2.30	20	0.79	482	2.21	0.063	97	< 0.1	8.6	< 3	246	< 0.5	0.30	9.7	< 0.5	67	< 1	9	24.7	50	17	4.5
C1457914	< 5	2.36	12	0.64	316	2.17	0.029	60	0.1	7.7	< 3	251	< 0.5	0.18	6.4	< 0.5	42	< 1	8	19.0	28	17	3.3
C1457915	< 5	1.37	24	1.68	1990	1.68	0.045	122	0.3	6.6	< 3	217	< 0.5	0.22	7.0	1.0	47	< 1	11	30.8	46	17	4.8
C1457916	< 5	1.42	22	0.80	712	1.98	0.038	103	0.2	7.1	< 3	272	< 0.5	0.33	5.7	2.6	64	< 1	20	25.7	39	20	4.6
C1457917	< 5	0.43	2	1.71	3330	0.11	0.117	< 15	1.4	7.4	< 3	18	< 0.5	0.07	7.0	< 0.5	48	< 1	11	9.6	22	10	3.0
C1457918	< 5	1.74	11	0.55	251	2.03	0.023	< 15	< 0.1	7.8	< 3	236	< 0.5	0.31	6.1	3.1	75	< 1	7	18.3	31	11	3.1
C1457919	< 5	1.74	14	0.76	327	1.72	0.029	24	0.3	8.4	< 3	213	< 0.5	0.21	6.4	< 0.5	77	< 1	7	16.8	33	10	3.0
C1457920	< 5	1.82	14	0.66	319	2.32	0.026	< 15	< 0.1	7.8	< 3	300	< 0.5	0.20	6.2	1.6	45	< 1	9	16.9	35	9	3.8
C1457921	< 5	1.94	16	0.70	327	2.48	0.045	69	0.1	8.3	< 3	293	1.7	0.27	6.0	1.2	56	< 1	9	21.6	41	14	4.0
C1457922	< 5	1.66	11	0.60	287	2.49	0.014	57	< 0.1	7.7	< 3	295	< 0.5	0.12	5.0	1.3	27	< 1	8	16.5	29	6	3.4
C1457923	< 5	1.66	9	0.59	272	2.64	0.015	116	< 0.1	7.6	< 3	292	< 0.5	0.29	4.4	1.6	64	< 1	7	14.8	27	15	2.8
C1457924	< 5	1.88	8	0.52	252	2.56	0.065	121	< 0.1	5.5	< 3	330	< 0.5	0.21	4.0	< 0.5	40	< 1	8	13.6	24	10	2.9
C1457925	< 5	1.55	24	1.43	1890	2.11	0.030	135	< 0.1	7.5	< 3	233	< 0.5	0.26	9.0	1.0	57	< 1	10	29.5	53	19	5.4
C1457926	< 5	1.59	15	0.72	385	2.32	0.043	96	0.1	7.0	< 3	273	< 0.5	0.23	5.7	1.1	51	< 1	8	14.5	28	8	2.9
C1457927	< 5	0.81	43	4.02	5150	2.18	0.020	< 15	< 0.1	4.8	< 3	34	< 0.5	0.19	7.2	< 0.5	26	< 1	4	11.2	18	< 5	1.1
C1457928	< 5	1.44	31	1.97	1850	2.19	0.041	153	< 0.1	7.6	< 3	183	< 0.5	0.26	10.5	< 0.5	49	< 1	10	45.2	62	22	5.5
C1457929	< 5	1.97	9	0.61	355	2.26	0.052	105	< 0.1	7.1	< 3	289	< 0.5	0.29	5.2	2.4	63	< 1	9	18.0	30	13	3.5
C1457930	< 5	1.65	11	0.63	352	2.19	0.052	101	< 0.1	7.1	< 3	278	< 0.5	0.29	6.2	0.7	66	< 1	8	15.6	31	14	3.3
C1457931	< 5	1.55	12	0.61	349	2.27	0.056	66	< 0.1	7.6	< 3	300	< 0.5	0.27	7.1	0.7	59	< 1	10	18.9	35	11	4.3
C1457932	< 5	1.87	20	0.87	346	2.15	0.013	120	< 0.1	8.7	< 3	261	< 0.5	0.18	5.3	1.0	54	< 1	7	17.1	28	19	3.0
C1457933	< 5	1.69	8	0.58	303	2.37	0.023	83	< 0.1	7.1	< 3	303	< 0.5	0.16	4.2	0.7	41	< 1	8	16.1	30	11	3.1
C1457934	< 5	1.74	12	0.60	512	2.07	0.049	< 15	< 0.1	6.4	< 3	281	< 0.5	0.24	6.7	1.3	56	< 1	9	17.5	38	13	3.7
C1457935	< 5	1.65	17	0.71	530	1.97	0.024	< 15	< 0.1	8.3	< 3	256	< 0.5	0.34	8.0	< 0.5	80	< 1	11	26.3	51	21	4.8
C1457936	< 5	1.95	11	0.70	375	2.01	0.038	141	< 0.1	6.9	< 3	273	< 0.5	0.31	4.3	< 0.5	73	< 1	7	14.0	26	< 5	2.5
C1457937	< 5	1.02	51	3.84	4350	0.16	0.030	108	0.2	4.7	< 3	28	< 0.5	0.16	8.3	< 0.5	35	< 1	5	27.4	47	25	3.9
C1457938	< 5	1.77	11	0.70	463	2.11	0.028	132	< 0.1	7.9	< 3	250	< 0.5	0.34	6.2	< 0.5	86	< 1	8	16.7	32	17	3.1
C1457939	< 5	1.79	12	0.68	382	2.18	0.048	52	< 0.1	7.3	< 3	292	< 0.5	0.26	6.2	0.9	58	< 1	9	17.4	39	12	3.3
C1457940	< 5	1.83	28	1.31	836	1.57	0.056	115	0.1	11.5	< 3	162	< 0.5	0.13	9.1	< 0.5	33	< 1	16	36.3	64	18	5.9
C1457941	< 5	2.02	9	0.64	603	1.84	0.036	114	0.3	6.4	< 3	244	< 0.5	0.26	5.5	< 0.5	67	< 1	8	20.2	37	9	3.0
C1457942	< 5	2.11	12	0.64	346	2.24	0.053	92	0.1	7.1	< 3	298	< 0.5	0.28	5.7	1.2	61	< 1	8	15.5	31	11	3.1
C1457943	< 5	1.79	7	0.53	304	2.43	0.050	145	< 0.1	6.3	< 3	318	< 0.5	0.23	3.7	1.0	49	< 1	8	14.4	27	8	2.9
C1457944	< 5	2.01	12	1.14	400	2.13	0.060	97	< 0.1	7.6	< 3	398	< 0.5	0.35	5.3	1.2	71	< 1	19	17.4	31	13	3.2
C1457945	< 5	1.55	20	1.10	711	1.70	0.035	53	0.3	9.0	< 3	124	< 0.5	0.30	7.4	0.5	56	< 1	9	15.4	27	14	2.7
C1457946	< 5	1.78	12	0.59	364	2.24	0.039	121	< 0.1	7.2	< 3	293	< 0.5	0.30	6.1	< 0.5	56	< 1	13	31.5	52	16	5.3
C1457947	< 5	1.62	21	0.72	1010	1.90	0.077	75	0.3	8.2	< 3	227	< 0.5	0.24	9.4	< 0.5	60	< 1	10	23.1	69	17	4.9
C1457948	< 5	1.74	13	0.69	407	2.45	0.069	33	< 0.1	8.1	< 3	282	< 0.5	0.27	6.8	1.3	57	< 1	10	21.0	41	9	3.9
C1457949	< 5	1.98	18	0.78	437	2.26	0.052	64	< 0.1	8.2	< 3	264	< 0.5	0.27	7.0	< 0.5	61	< 1	9	18.8	53	15	3.6
C1457950	< 5	1.48	14	0.70	382	2.29	0.070	89	< 0.1	8.0	< 3	277	< 0.5	0.30	6.3	< 0.5	68	< 1	10	18.8	37	9	3.8
C1457951	< 5	1.84	12	1.03	376	2.49	0.114	71	< 0.1	6.9	< 3	440	< 0.5	0.27	5.2	< 0.5	52	< 1	19	15.8	29	8	3.2

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
C1457952	< 5	1.47	14	0.75	380	2.45	0.071	60	0.1	8.1	< 3	297	< 0.5	0.28	6.7	1.9	61	< 1	10	18.5	47	24	3.6
C1457953	< 5	1.67	10	0.60	468	2.29	0.038	110	< 0.1	7.8	< 3	258	< 0.5	0.33	5.7	< 0.5	84	< 1	7	16.6	36	10	3.1
C1457954	< 5	1.71	8	0.54	291	2.24	0.039	122	< 0.1	7.4	< 3	266	< 0.5	0.30	5.3	< 0.5	68	< 1	8	16.4	35	< 5	3.2
C1457955	< 5	1.80	14	0.73	416	2.57	0.067	141	0.2	8.3	< 3	298	< 0.5	0.28	7.1	< 0.5	62	< 1	10	20.4	43	10	4.2
C1457956	< 5	1.73	17	0.75	481	2.19	0.060	69	0.4	8.3	< 3	283	< 0.5	0.28	6.1	1.1	61	< 1	10	22.6	43	18	4.1
C1457957	< 5	2.04	11	0.63	329	2.58	0.067	114	< 0.1	7.1	< 3	298	< 0.5	0.24	4.6	1.0	49	< 1	9	18.0	48	12	3.4
C1457958	< 5	1.91	12	0.66	373	2.57	0.046	65	0.1	7.1	< 3	305	< 0.5	0.26	4.1	< 0.5	58	< 1	8	15.0	31	< 5	2.8
C1457959	< 5	1.83	11	0.66	353	2.23	0.043	88	< 0.1	7.2	< 3	271	< 0.5	0.32	4.4	1.6	72	< 1	8	14.9	34	10	2.9
C1457960	< 5	1.91	20	0.82	456	2.21	0.049	222	< 0.1	8.7	< 3	252	< 0.5	0.29	6.8	1.1	66	< 1	10	22.8	45	15	3.3
C1457961	< 5	1.87	15	0.74	418	2.41	0.055	186	< 0.1	8.3	< 3	290	< 0.5	0.22	7.1	< 0.5	49	< 1	11	24.1	51	13	3.8
C1457962	< 5	2.09	12	0.69	373	2.37	0.041	203	< 0.1	7.9	< 3	297	< 0.5	0.27	5.7	< 0.5	63	< 1	9	19.6	39	11	3.1
C1457963	< 5	1.86	10	0.62	325	2.34	0.051	< 15	< 0.1	7.0	< 3	304	< 0.5	0.28	5.2	1.5	65	< 1	9	18.5	31	13	2.8
C1457964	< 5	1.86	9	0.64	354	2.50	0.059	149	< 0.1	7.3	< 3	313	< 0.5	0.28	4.4	< 0.5	65	< 1	9	17.1	32	9	2.8
C1457965	< 5	1.74	12	0.72	391	2.50	0.034	178	< 0.1	8.0	< 3	297	< 0.5	0.34	5.1	< 0.5	83	< 1	9	17.5	38	10	2.9
C1457966	< 5	1.90	13	0.64	318	2.16	0.024	128	< 0.1	7.6	< 3	261	< 0.5	0.34	6.2	1.4	79	< 1	8	17.5	37	< 5	2.7
C1457967	< 5	1.62	14	0.63	374	1.87	0.019	208	< 0.1	7.0	< 3	235	< 0.5	0.31	5.2	< 0.5	67	< 1	8	16.6	30	< 5	2.3
C1457968	< 5	1.94	11	0.62	348	2.14	0.020	98	< 0.1	7.7	< 3	254	< 0.5	0.17	6.1	< 0.5	45	< 1	8	19.4	35	12	2.8
C1457969	< 5	2.31	12	0.64	322	2.41	0.025	< 15	< 0.1	9.2	< 3	285	< 0.5	0.13	5.8	2.3	29	< 1	10	24.0	49	8	3.6
C1457970	< 5	2.05	14	0.71	602	2.50	0.074	150	< 0.1	7.9	< 3	317	< 0.5	0.27	4.7	1.1	60	< 1	11	21.3	43	20	4.0
C1457971	< 5	2.22	26	1.01	646	2.19	0.066	266	< 0.1	9.2	< 3	259	< 0.5	0.22	9.3	< 0.5	58	< 1	12	27.1	57	10	4.4
C1457972	< 5	1.69	24	0.88	686	2.05	0.063	174	< 0.1	8.9	< 3	259	< 0.5	0.32	7.3	1.5	71	< 1	11	21.2	55	11	3.9
C1457973	< 5	1.92	21	0.95	434	1.90	0.050	115	< 0.1	8.9	< 3	264	< 0.5	0.37	6.6	2.3	80	< 1	16	25.2	40	10	3.8
C1457974	< 5	1.88	13	0.72	458	2.44	0.077	< 15	< 0.1	7.9	< 3	306	< 0.5	0.30	7.3	0.8	62	< 1	11	23.9	63	13	4.4
C1457975	< 5	1.82	12	0.67	345	2.45	0.048	178	< 0.1	8.1	< 3	297	< 0.5	0.30	6.2	2.5	60	< 1	11	25.2	51	12	3.9
C1457976	< 5	1.98	10	0.65	410	2.22	0.025	157	< 0.1	10.2	< 3	237	< 0.5	0.26	4.9	< 0.5	56	< 1	10	15.0	34	6	2.8
C1457977	< 5	1.81	10	0.75	821	1.67	0.040	119	0.2	7.6	< 3	212	< 0.5	0.32	6.0	< 0.5	69	< 1	9	16.6	28	7	2.7
C1457978	< 5	2.37	8	0.52	275	2.40	0.011	134	0.1	7.5	< 3	288	< 0.5	0.09	5.6	1.3	22	< 1	8	17.2	35	5	2.8

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.02	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
C1457901	< 0.02	< 0.5	1.2	0.05	23.5
C1457902	< 0.02	< 0.5	0.9	0.06	25.9
C1457903	< 0.02	< 0.5	1.3	0.06	25.7
C1457904	< 0.02	< 0.5	1.1	0.05	26.9
C1457905	< 0.02	< 0.5	1.3	0.06	33.1
C1457906	< 0.02	< 0.5	1.5	0.05	25.8
C1457907	< 0.02	< 0.5	1.0	0.07	24.0
C1457908	< 0.02	< 0.5	1.1	0.05	28.9
C1457909	< 0.02	< 0.5	1.5	0.08	22.5
C1457910	< 0.02	< 0.5	1.0	0.06	24.0
C1457911	< 0.02	< 0.5	1.2	0.06	27.8
C1457912	< 0.02	< 0.5	1.3	0.06	25.4
C1457913	< 0.02	< 0.5	1.5	0.08	26.6
C1457914	< 0.02	< 0.5	1.1	0.08	28.2
C1457915	< 0.02	< 0.5	1.2	0.09	31.4
C1457916	< 0.02	< 0.5	1.7	0.10	23.2
C1457917	< 0.02	< 0.5	1.8	0.28	1.11
C1457918	< 0.02	< 0.5	1.1	0.06	23.1
C1457919	< 0.02	< 0.5	1.1	0.06	19.8
C1457920	< 0.02	< 0.5	0.9	0.07	29.0
C1457921	< 0.02	< 0.5	1.1	0.09	25.1
C1457922	< 0.02	< 0.5	1.1	0.07	29.3
C1457923	< 0.02	< 0.5	1.3	0.06	22.0
C1457924	< 0.02	< 0.5	0.8	< 0.05	36.5
C1457925	< 0.02	< 0.5	1.3	0.08	27.7
C1457926	< 0.02	< 0.5	1.3	0.06	29.3
C1457927	< 0.02	< 0.5	0.9	0.06	28.8
C1457928	< 0.02	< 0.5	1.0	0.06	29.6
C1457929	< 0.02	< 0.5	1.4	0.06	30.7
C1457930	< 0.02	< 0.5	0.9	0.06	24.6
C1457931	< 0.02	< 0.5	1.4	0.08	29.3
C1457932	< 0.02	< 0.5	0.9	0.05	24.0
C1457933	< 0.02	< 0.5	1.0	0.07	27.8
C1457934	< 0.02	< 0.5	0.9	0.09	1.65
C1457935	< 0.02	< 0.5	1.5	0.19	1.33
C1457936	< 0.02	< 0.5	0.8	0.12	1.52
C1457937	< 0.02	< 0.5	1.0	0.06	26.1
C1457938	< 0.02	< 0.5	1.2	0.11	17.0
C1457939	< 0.02	< 0.5	1.1	0.07	28.6
C1457940	< 0.02	< 0.5	1.6	0.08	27.4
C1457941	< 0.02	< 0.5	1.3	0.08	25.0
C1457942	< 0.02	< 0.5	1.0	0.06	27.9
C1457943	< 0.02	< 0.5	0.9	0.05	24.4
C1457944	< 0.02	< 0.5	1.2	0.10	26.0
C1457945	< 0.02	< 0.5	1.5	0.09	26.5
C1457946	< 0.02	< 0.5	1.4	0.10	26.7
C1457947	< 0.02	< 0.5	1.4	0.09	17.1
C1457948	< 0.02	< 0.5	1.2	0.05	25.5
C1457949	< 0.02	< 0.5	1.3	0.05	27.2
C1457950	< 0.02	< 0.5	1.4	0.08	26.5
C1457951	< 0.02	< 0.5	1.1	0.05	33.0

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.02	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
C1457952	< 0.02	< 0.5	1.2	< 0.05	29.4
C1457953	< 0.02	< 0.5	0.6	0.05	18.8
C1457954	< 0.02	< 0.5	1.1	< 0.05	19.0
C1457955	< 0.02	< 0.5	1.3	0.07	19.9
C1457956	< 0.02	< 0.5	1.1	0.25	1.70
C1457957	0.04	< 0.5	1.0	0.06	30.8
C1457958	< 0.02	< 0.5	0.8	< 0.05	29.9
C1457959	< 0.02	< 0.5	1.0	0.05	26.8
C1457960	< 0.02	< 0.5	1.5	0.07	26.5
C1457961	< 0.02	< 0.5	1.4	0.07	28.4
C1457962	< 0.02	< 0.5	1.1	0.05	26.7
C1457963	< 0.02	< 0.5	1.2	0.07	29.4
C1457964	< 0.02	< 0.5	1.0	0.05	31.3
C1457965	< 0.02	< 0.5	1.0	< 0.05	30.3
C1457966	< 0.02	< 0.5	1.0	< 0.05	23.7
C1457967	< 0.02	< 0.5	0.6	0.07	25.7
C1457968	< 0.02	< 0.5	1.3	0.07	25.1
C1457969	< 0.02	< 0.5	1.4	0.06	23.3
C1457970	< 0.02	< 0.5	1.5	0.06	30.9
C1457971	< 0.02	< 0.5	1.1	0.05	29.0
C1457972	< 0.02	< 0.5	1.4	0.06	26.2
C1457973	< 0.02	< 0.5	1.2	< 0.05	23.8
C1457974	< 0.02	< 0.5	1.4	0.06	32.6
C1457975	< 0.02	< 0.5	1.5	0.07	28.3
C1457976	< 0.02	< 0.5	1.9	0.10	27.1
C1457977	< 0.02	< 0.5	2.0	0.09	24.9
C1457978	< 0.02	< 0.5	1.6	0.06	27.4

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
OREAS 101b (4 Acid) Meas				462		19	24	9															
OREAS 101b (4 Acid) Cert				412		20.1	23	8.2															
OREAS 101b (4 Acid) Meas				408		19	21	9															
OREAS 101b (4 Acid) Cert				412		20.1	23	8.2															
OREAS 98 (4 Acid) Meas		41.2		> 10000			324			1290							20						
OREAS 98 (4 Acid) Cert		45.10000		148000.0			345			1360							97.2						
OREAS 98 (4 Acid) Meas		40.7		> 10000			276			1230							72						
OREAS 98 (4 Acid) Cert		45.10000		148000.0			345			1360							97.2						
OREAS 903 (4 Acid) Meas		0.8		6570	< 0.3	4	8	55		28		0.49	5.90			5	7		0.69				
OREAS 903 (4 Acid) Cert		0.432		6520	0.200	4.32	11.3	54.0		24.3		0.500	5.89			4.42	8.90		0.625				
OREAS 903 (4 Acid) Meas		0.7		6690	0.3	4	9	57		26		0.49	5.88			5	21		0.68				
OREAS 903 (4 Acid) Cert		0.432		6520	0.200	4.32	11.3	54.0		24.3		0.500	5.89			4.42	8.90		0.625				
OREAS 96 (4 Acid) Meas		11.1		> 10000			97			454		4.14					18						
OREAS 96 (4 Acid) Cert		11.5		39300			101			457		4.19					26.3						
OREAS 96 (4 Acid) Meas		10.9		> 10000			92			448		4.23					18						
OREAS 96 (4 Acid) Cert		11.5		39300			101			457		4.19					26.3						
OREAS 520 (4 Acid) Meas		0.7		2910		61	6	73		21		0.88	5.25			< 1	2		3.96				
OREAS 520 (4 Acid) Cert		0.450		2930		65.0	5.85	76.0		22.7		1.01	5.63			1.06	2.94		4.10				
OREAS 520 (4 Acid) Meas		0.7		2910		64	6	72		21		0.91	5.41			< 1	4		3.99				
OREAS 520 (4 Acid) Cert		0.450		2930		65.0	5.85	76.0		22.7		1.01	5.63			1.06	2.94		4.10				
Oreas 77b (4 Acid) Meas		1.3		3330	2.1		68	> 10000		169			1.63			< 1	< 2		2.64				
Oreas 77b (4 Acid) Cert		1.62		3426	1.20		61.0	113000		205			1.94			0.470	3.44		3.06				
Oreas 77b (4 Acid) Meas		1.4		3260	1.6		66	> 10000		175			1.75			< 1	4		2.44				
Oreas 77b (4 Acid) Cert		1.62		3426	1.20		61.0	113000		205			1.94			0.470	3.44		3.06				
Oreas 72b (4 Acid) Meas		0.3		219	< 0.3	3	15	6390		90		1.40	4.40			< 1	< 2		2.68				
Oreas 72b (4 Acid) Cert		0.230		222	0.310	4.01	14.9	6860		99.0		1.49	4.79			1.02	0.680		2.79				
Oreas 72b (4 Acid) Meas		0.4		220	< 0.3	3	12	6230		86		1.39	4.44			< 1	< 2		2.65				
Oreas 72b (4 Acid) Cert		0.230		222	0.310	4.01	14.9	6860		99.0		1.49	4.79			1.02	0.680		2.79				
OREAS 683 (4 Acid) Meas		< 0.3		399	< 0.3	< 1	12	1070		76		0.19	6.53			< 1	< 2		4.85				

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
OREAS 683 (4 Acid) Cert		0.172		404	0.072	1.00	10.2	1180		92		0.205	7.15			0.56	0.16		5.23				
OREAS 683 (4 Acid) Meas		< 0.3		391	< 0.3	5	8	1070		74		0.19	6.74			< 1	< 2		4.89				
OREAS 683 (4 Acid) Cert		0.172		404	0.072	1.00	10.2	1180		92		0.205	7.15			0.56	0.16		5.23				
OREAS 681 (4 Acid) Meas		0.5		265		< 1	6	463		77		0.10	7.48			< 1	< 2		5.72				
OREAS 681 (4 Acid) Cert		0.118		264		1.38	10.2	503		88.0		0.109	7.91			1.41	0.0980		5.98				
OREAS 681 (4 Acid) Meas		0.4		255		1	4	449		75		0.10	7.43			< 1	< 2		5.60				
OREAS 681 (4 Acid) Cert		0.118		264		1.38	10.2	503		88.0		0.109	7.91			1.41	0.0980		5.98				
OREAS 148 (4 Acid) Meas				378		10	25	24		177			5.21			36	15		0.90				
OREAS 148 (4 Acid) Cert				338		8.86	24.9	22.2		162			5.27			36.2	18.9		0.872				
OREAS 70b (4 Acid) Meas		< 0.3		53	0.5	4	12	1980		98		0.29	3.52			< 1	< 2		2.89				
OREAS 70b (4 Acid) Cert		0.2		52	0.4	3	14	2180		110		0.31	3.87			1	0.8		3.05				
OREAS 70b (4 Acid) Meas		< 0.3		47	< 0.3	3	11	1920		95		0.28	3.52			< 1	< 2		2.86				
OREAS 70b (4 Acid) Cert		0.2		52	0.4	3	14	2180		110		0.31	3.87			1	0.8		3.05				
OREAS 620 (4 Acid) Meas		38.0		1760	158	9	> 5000	15		> 10000		2.47	6.68			2	< 2		1.73				
OREAS 620 (4 Acid) Cert		38.5		1730	163	9	7740	15		31500		2.47	6.72			2	2		1.60				
OREAS 620 (4 Acid) Meas		38.9		1780	166	9	> 5000	16		> 10000		2.53	6.79			2	2		1.74				
OREAS 620 (4 Acid) Cert		38.5		1730	163	9	7740	15		31500		2.47	6.72			2	2		1.60				
OREAS 620 (4 Acid) Meas		37.3		1710	159	11	> 5000	16		> 10000		2.49	6.71			2	2		1.70				
OREAS 620 (4 Acid) Cert		38.5		1730	163	9.5	7740	15		31500		2.47	6.72			2	2		1.60				
OREAS 753 (4 Acid) Meas				23	1.6	3	6	12		97		0.01	7.87			113	3		0.13				
OREAS 753 (4 Acid) Cert				18.4	1.54	3.32	10.9	10.8		87		0.014	8.22			118	2.20		0.113				
OREAS 753 (4 Acid) Meas				19	1.6	3	8	13		96		0.01	8.19			114	6		0.13				
OREAS 753 (4 Acid) Cert				18.4	1.54	3.32	10.9	10.8		87		0.014	8.22			118	2.20		0.113				
OREAS 603c (4 Acid) Meas		> 100		> 10000	32.7	56	> 5000	28		8360		3.65	5.84			2	92		1.03				
OREAS 603c (4 Acid) Cert		294		12100	31.4	60	10428	26.9		8030		4	6			2.28	89		1				
DMMAS 126 Meas	1170								< 20		< 50			1610	< 50					42	65	< 1	< 0.2
DMMAS 126 Cert	1211								34.5		85.8			1588	266					40.9	66.0	1.31	0.391
OREAS 601c (4 acid) Meas		50.8		1140	2.5	4	356	8		458		1.55	6.62			2	15		1.00				
OREAS 601c (4 acid) Cert		50.3		1160.000	2.77	3.66	328	6.83		425		1.58	7.06			2.46	21.1		0.953				
OREAS 601c (4		50.3		1140	2.1	3	334	8		446		1.57	6.32			2	18		1.00				

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
acid) Meas																							
OREAS 601c (4 acid) Cert		50.3		1160.000	2.77	3.66	328	6.83		425		1.58	7.06			2.46	21.1		0.953				
OREAS 504 (4 Acid) Meas		3.3		> 10000		656						1.31											
OREAS 504 (4 Acid) Cert		3.13		11370.000		643						1.37											
OREAS 504 (4 Acid) Meas		3.3		> 10000		656						1.39											
OREAS 504 (4 Acid) Cert		3.13		11370.000		643						1.37											
GMO-04 Meas		2.2		242		7520	37			124		0.62					88						
GMO-04 Cert		1.930		239.50		7949.0	45.7			128.0		0.71					95.00						
GMO-04 Meas		1.9		240		7290	33			123		0.62					92						
GMO-04 Cert		1.930		239.50		7949.0	45.7			128.0		0.71					95.00						
OREAS 45h (4-Acid) Meas		0.5		791		< 1	12	435		40		0.03	7.34			< 1	5		0.15				
OREAS 45h (4-Acid) Cert		0.147		767		1.55	11.9	423		39.7		0.035	7.99			1.09	0.17		0.135				
OREAS 45h (4-Acid) Meas		0.3		786		< 1	6	432		40		0.03	7.76			1	3		0.15				
OREAS 45h (4-Acid) Cert		0.147		767		1.55	11.9	423		39.7		0.035	7.99			1.09	0.17		0.135				
OREAS 520 (INAA) Meas	162								< 20					169	8130					213	54	< 1	0.4
OREAS 520 (INAA) Cert	176								80					156	8058.00					207.00	44	0.9	1
C1457914 Orig		0.5		7	< 0.3	< 1	13	14		27		< 0.01	6.42			1	< 2		1.18				
C1457914 Dup		0.4		7	< 0.3	1	13	14		28		< 0.01	6.54			1	< 2		1.18				
C1457924 Orig		0.5		9	< 0.3	< 1	9	12		21		< 0.01	6.47			1	< 2		1.57				
C1457924 Dup		0.4		12	< 0.3	< 1	10	13		22		< 0.01	6.62			1	< 2		1.58				
C1457933 Orig	< 2		< 5						< 20		< 50			3.2	700			3.1		6	45	< 1	1.0
C1457933 Dup	< 2		< 5						< 20		< 50			5.5	680			4.2		5	47	1	0.9
C1457934 Orig		0.3		20	< 0.3	1	11	18		34		0.02	6.41			1	< 2		1.39				
C1457934 Dup		0.7		24	< 0.3	2	10	17		32		0.02	6.44			1	< 2		1.40				
C1457947 Orig		2.1		29	< 0.3	1	15	31		73		0.03	6.76			2	< 2		1.15				
C1457947 Dup		0.4		29	< 0.3	1	15	31		73		0.03	6.72			2	< 2		1.14				
C1457964 Orig		0.7		4	< 0.3	2	14	14		28		< 0.01	6.46			1	< 2		1.63				
C1457964 Dup		0.5		6	< 0.3	2	12	14		27		< 0.01	6.46			1	< 2		1.65				
C1457969 Orig	< 2		< 5						< 20		< 50			5.8	630			9.5		7	66	1	1.3
C1457969 Dup	< 2		< 5						< 20		< 50			6.5	530			9.5		4	58	< 1	1.2
C1457976 Orig		0.7		10	< 0.3	< 1	11	15		28		0.01	6.27			1	< 2		1.16				
C1457976 Dup		0.5		11	< 0.3	< 1	11	22		28		0.02	6.30			1	< 2		1.17				
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		7		< 0.01	< 0.01			< 1	< 2		0.02				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		3	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
OREAS 101b (4 Acid) Meas					2.18		1.25	909		0.115							0.37			77		128	
OREAS 101b (4 Acid) Cert					2.36		1.23	927		0.1118							0.35			77		133	
OREAS 101b (4 Acid) Meas					1.74		1.22	901		0.116							0.36			77		128	
OREAS 101b (4 Acid) Cert					2.36		1.23	927		0.1118							0.35			77		133	
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
OREAS 903 (4 Acid) Meas					3.90	19	0.76	734		0.124					86		0.31			80		23	
OREAS 903 (4 Acid) Cert					3.31	18.3	0.714	690		0.107					77.0		0.192			74.0		22.5	
OREAS 903 (4 Acid) Meas					3.34	19	0.75	711		0.117					84		0.30			80		23	
OREAS 903 (4 Acid) Cert					3.31	18.3	0.714	690		0.107					77.0		0.192			74.0		22.5	
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 520 (4 Acid) Meas					2.35	18	1.22	2330		0.075					83		0.49			253		19	
OREAS 520 (4 Acid) Cert					3.46	16.9	1.19	2420		0.0740					104		0.445			257		20.8	
OREAS 520 (4 Acid) Meas					3.62	18	1.23	2350		0.075					98		0.48			254		19	
OREAS 520 (4 Acid) Cert					3.46	16.9	1.19	2420		0.0740					104		0.445			257		20.8	
Oreas 77b (4 Acid) Meas					0.32	17	2.50	588							31		0.06			34		7	
Oreas 77b (4 Acid) Cert					0.361	18.8	2.59	640							34.4		0.0640			33.6		6.55	
Oreas 77b (4 Acid) Meas					0.34	19	2.53	625							31		0.06			37		6	
Oreas 77b (4 Acid) Cert					0.361	18.8	2.59	640							34.4		0.0640			33.6		6.55	
Oreas 72b (4 Acid) Meas					1.10	33	9.36	948		0.026					61		0.21			69		12	
Oreas 72b (4 Acid) Cert					1.14	33.3	9.59	1010		0.0260					63.8		0.216			73.6		12.8	
Oreas 72b (4 Acid) Meas					1.10	34	9.04	940		0.026					61		0.20			69		12	
Oreas 72b (4 Acid) Cert					1.14	33.3	9.59	1010		0.0260					63.8		0.216			73.6		12.8	
OREAS 683 (4 Acid) Meas					0.50	7	8.35	1110		0.049					247		0.25			162		7	

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
OREAS 683 (4 Acid) Cert					0.507	6.51	8.63	1200		0.050					276		0.263			187		8.02	
OREAS 683 (4 Acid) Meas					0.52	7	8.30	1140		0.048					259		0.25			167		7	
OREAS 683 (4 Acid) Cert					0.507	6.51	8.63	1200		0.050					276		0.263			187		8.02	
OREAS 681 (4 Acid) Meas					1.36	14	5.18	1260		0.143					453		0.58			240		16	
OREAS 681 (4 Acid) Cert					1.35	13.0	5.19	1310		0.141					478		0.588			253		17.5	
OREAS 681 (4 Acid) Meas					1.37	14	5.01	1260		0.137					452		0.55			235		16	
OREAS 681 (4 Acid) Cert					1.35	13.0	5.19	1310		0.141					478		0.588			253		17.5	
OREAS 148 (4 Acid) Meas					1.60	4660	0.49	380		0.128					219		0.33			56		20	
OREAS 148 (4 Acid) Cert					1.47	4650	0.454	370		0.131					204		0.345			54.0		18.5	
OREAS 70b (4 Acid) Meas					0.60	35	13.2	1080		0.023					70		0.18			62		8	
OREAS 70b (4 Acid) Cert					0.62	34	13.4	1150		0.022					74		0.18			67		10	
OREAS 70b (4 Acid) Meas					0.61	36	12.7	1080		0.022					71		0.17			63		8	
OREAS 70b (4 Acid) Cert					0.62	34	13.4	1150		0.022					74		0.18			67		10	
OREAS 620 (4 Acid) Meas					1.28	21	0.36	451		0.038					114		0.16			23		13	
OREAS 620 (4 Acid) Cert					2.63	20	0.34	440		0.035					131		0.14			21		12	
OREAS 620 (4 Acid) Meas					1.86	21	0.36	473		0.038					116		0.16			23		13	
OREAS 620 (4 Acid) Cert					2.63	20	0.34	440		0.035					131		0.14			21		12	
OREAS 620 (4 Acid) Meas					1.22	21	0.35	458		0.037					129		0.15			22		13	
OREAS 620 (4 Acid) Cert					2.63	20	0.34	440		0.035					131		0.14			21		12	
OREAS 753 (4 Acid) Meas					1.81	9580	< 0.01	823		0.117					28		< 0.01			< 2		< 1	
OREAS 753 (4 Acid) Cert					1.93	9850.000	0.011	740.000		0.111					25.5		0.004			1.16		0.65	
OREAS 753 (4 Acid) Meas					1.90	9210	0.01	757		0.117					31		< 0.01			< 2		< 1	
OREAS 753 (4 Acid) Cert					1.93	9850.000	0.011	740.000		0.111					25.5		0.004			1.16		0.65	
OREAS 603c (4 Acid) Meas					1.70	29	0.17	647		0.046					140		0.14			19		12	
OREAS 603c (4 Acid) Cert					2	27.6	0.162	660		0.043					270		0.142			18.6		11.6	
DMMAS 126 Meas	7.88								0.47		< 15	4.4	7.6	< 3				2.7	15.8				8.1
DMMAS 126 Cert	7.70								0.459		28.5	4.51	7.88	4.26				1.56	15.6				8.07
OREAS 601c (4 acid) Meas					1.87	29	0.18	257		0.041					214		0.14			17		12	
OREAS 601c (4 acid) Cert					2.72	26.7	0.169	230.000		0.039					230		0.135			15.5		11.5	
OREAS 601c (4					2.92	29	0.18	222		0.039					209		0.14			16		11	

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
acid) Meas																							
OREAS 601c (4 acid) Cert					2.72	26.7	0.169	230.000		0.039					230		0.135			15.5		11.5	
OREAS 504 (4 Acid) Meas																							
OREAS 504 (4 Acid) Cert																							
OREAS 504 (4 Acid) Meas																							
OREAS 504 (4 Acid) Cert																							
GMO-04 Meas																							
GMO-04 Cert																							
GMO-04 Meas																							
GMO-04 Cert																							
OREAS 45h (4-Acid) Meas					0.20	14	0.25	409		0.021					28		0.69			233		10	
OREAS 45h (4-Acid) Cert					0.205	13.1	0.238	380.000		0.023					27.1		0.878			263		10.40	
OREAS 45h (4-Acid) Meas					0.21	14	0.26	403		0.019					30		0.28			118		11	
OREAS 45h (4-Acid) Cert					0.205	13.1	0.238	380.000		0.023					27.1		0.878			263		10.40	
OREAS 520 (INAA) Meas	16.8	4							1.34		33	3.1	17.0			< 0.5		10.1	18.0		48		84.9
OREAS 520 (INAA) Cert	16.84	4							1.35		110	3.4	16.6			0.5		10.1	18.1		45		90.0
C1457914 Orig					2.55	12	0.64	320		0.030					248		0.10			26		8	
C1457914 Dup					2.17	12	0.65	311		0.028					254		0.27			57		8	
C1457924 Orig					1.89	8	0.52	248		0.066					326		0.21			40		8	
C1457924 Dup					1.86	8	0.52	256		0.064					334		0.21			41		8	
C1457933 Orig	3.03	10	< 1	< 5					2.32		97	< 0.1	7.0	< 3		< 0.5		3.9	0.7		< 1		16.0
C1457933 Dup	3.09	10	< 1	< 5					2.41		70	< 0.1	7.1	< 3		< 0.5		4.4	0.7		< 1		16.2
C1457934 Orig					1.70	12	0.60	504		0.047					282		0.24			55		9	
C1457934 Dup					1.78	11	0.60	520		0.052					281		0.25			58		9	
C1457947 Orig					1.62	22	0.72	1020		0.078					227		0.24			61		10	
C1457947 Dup					1.62	21	0.72	1010		0.077					228		0.24			60		10	
C1457964 Orig					2.00	9	0.65	360		0.060					310		0.24			61		9	
C1457964 Dup					1.72	9	0.64	348		0.059					317		0.31			69		9	
C1457969 Orig	3.36	11	< 1	< 5					2.46		< 15	< 0.1	9.4	< 3		< 0.5		5.9	2.8		< 1		24.7
C1457969 Dup	3.45	10	< 1	< 5					2.37		171	< 0.1	9.0	< 3		< 0.5		5.7	1.9		< 1		23.3
C1457976 Orig					1.93	10	0.65	410		0.027					235		0.21			47		9	
C1457976 Dup					2.03	10	0.65	411		0.023					238		0.30			65		10	
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01	8		< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01	4		< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01	7		< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01	5		0.001					< 1		< 0.01			< 2		< 1	

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.02	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
OREAS 101b (4 Acid) Meas								
OREAS 101b (4 Acid) Cert								
OREAS 101b (4 Acid) Meas								
OREAS 101b (4 Acid) Cert								
OREAS 98 (4 Acid) Meas								
OREAS 98 (4 Acid) Cert								
OREAS 98 (4 Acid) Meas								
OREAS 98 (4 Acid) Cert								
OREAS 903 (4 Acid) Meas								
OREAS 903 (4 Acid) Cert								
OREAS 903 (4 Acid) Meas								
OREAS 903 (4 Acid) Cert								
OREAS 96 (4 Acid) Meas								
OREAS 96 (4 Acid) Cert								
OREAS 96 (4 Acid) Meas								
OREAS 96 (4 Acid) Cert								
OREAS 520 (4 Acid) Meas								
OREAS 520 (4 Acid) Cert								
OREAS 520 (4 Acid) Meas								
OREAS 520 (4 Acid) Cert								
Oreas 77b (4 Acid) Meas								
Oreas 77b (4 Acid) Cert								
Oreas 77b (4 Acid) Meas								
Oreas 77b (4 Acid) Cert								
Oreas 72b (4 Acid) Meas								
Oreas 72b (4 Acid) Cert								
Oreas 72b (4 Acid) Meas								
Oreas 72b (4 Acid) Cert								
OREAS 683 (4 Acid) Meas								

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.02	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
OREAS 683 (4 Acid) Cert								
OREAS 683 (4 Acid) Meas								
OREAS 683 (4 Acid) Cert								
OREAS 681 (4 Acid) Meas								
OREAS 681 (4 Acid) Cert								
OREAS 681 (4 Acid) Meas								
OREAS 681 (4 Acid) Cert								
OREAS 148 (4 Acid) Meas								
OREAS 148 (4 Acid) Cert								
OREAS 70b (4 Acid) Meas								
OREAS 70b (4 Acid) Cert								
OREAS 70b (4 Acid) Meas								
OREAS 70b (4 Acid) Cert								
OREAS 620 (4 Acid) Meas								
OREAS 620 (4 Acid) Cert								
OREAS 620 (4 Acid) Meas								
OREAS 620 (4 Acid) Cert								
OREAS 620 (4 Acid) Meas								
OREAS 620 (4 Acid) Cert								
OREAS 753 (4 Acid) Meas								
OREAS 753 (4 Acid) Cert								
OREAS 753 (4 Acid) Meas								
OREAS 753 (4 Acid) Cert								
OREAS 603c (4 Acid) Meas								
OREAS 603c (4 Acid) Cert								
DMMAS 126 Meas	14	< 5	1.4		< 0.5	0.7	0.06	
DMMAS 126 Cert	12.8	6.61	1.35		0.227	0.906	0.156	
OREAS 601c (4 acid) Meas								
OREAS 601c (4 acid) Cert								
OREAS 601c (4								

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.02	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
acid) Meas								
OREAS 601c (4 acid) Cert								
OREAS 504 (4 Acid) Meas								
OREAS 504 (4 Acid) Cert								
OREAS 504 (4 Acid) Meas								
OREAS 504 (4 Acid) Cert								
GMO-04 Meas								
GMO-04 Cert								
GMO-04 Meas								
GMO-04 Cert								
OREAS 45h (4-Acid) Meas								
OREAS 45h (4-Acid) Cert								
OREAS 45h (4-Acid) Meas								
OREAS 45h (4-Acid) Cert								
OREAS 520 (INAA) Meas	86	< 5	4.1		< 0.5	2.3	0.31	
OREAS 520 (INAA) Cert	85	20	4.3		0.7	2.4	0.38	
C1457914 Orig								
C1457914 Dup								
C1457924 Orig								
C1457924 Dup								
C1457933 Orig	30	13	3.0	< 0.02	< 0.5	0.9	0.06	28.9
C1457933 Dup	29	9	3.1	< 0.02	< 0.5	1.1	0.08	26.6
C1457934 Orig								
C1457934 Dup								
C1457947 Orig								
C1457947 Dup								
C1457964 Orig								
C1457964 Dup								
C1457969 Orig	49	7	3.6	< 0.02	< 0.5	1.5	0.06	22.9
C1457969 Dup	48	10	3.5	0.09	< 0.5	1.3	0.07	23.6
C1457976 Orig								
C1457976 Dup								
Method Blank	< 3	< 5	< 0.1	< 0.02	< 0.5	< 0.2	< 0.05	1.00
Method Blank	< 3	< 5	< 0.1	< 0.02	< 0.5	< 0.2	< 0.05	30.0
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								

2021 – CERTIFICATES: Midland

2021 – Prospection : Midland

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 9-NOV-2021
Compte: MIDEXP

CERTIFICAT VO21259049

Projet: WILLBOB

Ce rapport s'applique à 2 échantillons de Roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24-SEPT-2021.

Les résultats sont transmis à:

SIMON HÉBERT	MARIO MASSON	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
LOG-21	Entrée échantillon - Code barre client
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC

PROCÉDURES ANALYTIOUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS
Au-GRA21	Au 30 g fini FA-GRAV	WST-SIM

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat.Les résultats s'appliquent aux échantillons soumis.Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Chimiste 2015-06, Laboratory Manager, Val d'

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Finalisée date: 9-NOV-2021
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO21259049

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
V705583		0.81	0.005	
V705584		0.76	>10.0	87.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9-NOV-2021
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO21259049

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au-AA23	Au-GRA21	BAG-01	CRU-32
CRU-QC	LOG-21	PUL-32	SPL-21
WEI-21			

2020 – CERTIFICATES: Midland

2020 – DDH : Midland

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 8-JUIN-2020
Compte: MIDEXP

CERTIFICAT RY20111332

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 45 échantillons de pulpe soumis à notre laboratoire de Rouyn-Noranda, QC, Canada le 26-MAI-2020.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
DRY-22	Séchage - Temp. max. 60 C
BAG-01	Entreposage pulp de ref.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME-MS81	Fusion Lithium Borate ICP-MS	ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Saa Traxler, General Manager, North Vancouver

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À: **EXPLORATION MIDLAND INC**
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 8-JUIN-2020
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE RY20111332

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.02	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.1	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.1
Y882001		0.23	162.5	30.8	10	2.83	9.52	5.91	1.96	20.8	8.65	4.8	2.05	12.1	0.85	7.1
Y882002		0.18	184.5	28.1	10	3.23	9.24	5.55	1.67	17.5	8.27	4.8	1.88	10.7	0.77	7.3
Y882003		0.21	231	23.3	<10	4.06	7.64	4.96	1.75	18.1	6.79	4.0	1.75	9.1	0.78	7.9
Y882004		0.26	225	20.1	<10	4.02	7.82	4.83	1.68	18.6	6.61	3.9	1.66	7.9	0.66	7.2
Y882005		0.24	234	21.6	<10	4.03	7.56	4.73	1.71	20.2	6.49	4.5	1.65	8.5	0.70	6.7
Y882006		0.23	162.0	21.1	10	2.83	7.49	4.43	1.41	15.1	6.61	3.6	1.56	8.0	0.62	6.3
Y882007		0.22	226	25.1	<10	4.02	7.91	4.68	1.70	19.6	7.11	3.8	1.67	9.5	0.68	6.0
Y882008		0.25	49.6	10.3	<10	0.89	3.64	2.46	0.79	10.9	3.40	1.7	0.78	3.9	0.41	4.0
Y882009		0.23	114.5	22.9	10	1.90	7.00	4.32	1.54	19.6	6.07	3.6	1.47	8.9	0.66	6.3
Y882010		0.23	69.8	21.0	<10	1.14	6.59	3.79	1.54	17.8	5.87	3.3	1.37	8.5	0.55	5.7
Y882011		0.23	173.5	18.6	<10	3.10	5.73	3.72	1.21	16.0	5.16	3.4	1.20	7.8	0.55	4.4
Y882012		0.17	309	17.9	<10	5.83	5.47	3.57	1.36	17.1	4.92	2.8	1.15	7.5	0.56	4.6
Y882013		0.12	63.2	55.3	20	0.70	14.85	8.88	2.51	15.8	14.45	12.2	3.10	21.2	1.37	12.0
Y882014		0.14	33.4	55.1	10	0.34	14.20	8.99	2.24	15.2	13.00	12.8	3.05	23.7	1.37	12.9
Y882015		0.10	27.7	48.3	20	0.12	14.00	9.26	2.25	16.9	12.30	8.8	3.07	19.5	1.35	12.5
Y882016		0.09	13.3	49.8	20	0.06	16.20	10.35	2.79	25.3	12.55	8.2	3.41	20.5	1.47	12.8
Y882017		0.12	22.6	41.3	20	0.07	12.80	8.66	2.20	17.6	11.05	7.3	2.87	17.0	1.26	12.2
Y882018		0.17	30.9	45.4	20	0.12	12.90	8.18	2.40	19.4	11.15	7.6	2.84	18.8	1.29	12.7
Y882019		0.17	37.5	51.8	20	0.09	14.85	9.81	2.43	18.9	13.15	9.1	3.13	20.6	1.41	14.8
Y882020		0.23	34.5	40.0	10	0.05	12.20	7.65	2.08	19.0	10.40	6.6	2.54	15.6	1.14	11.1
Y882021		0.21	32.5	34.5	20	0.23	11.20	7.35	2.06	19.2	9.81	5.6	2.39	13.7	1.06	9.6
Y882022		0.23	34.0	38.6	10	0.22	11.55	7.05	2.01	20.8	10.50	5.9	2.40	15.6	1.04	10.3
Y882023		0.20	40.6	34.7	20	0.26	10.55	6.53	2.21	19.5	9.28	5.3	2.25	14.3	1.02	9.7
Y882024		0.20	57.4	35.0	10	0.62	10.10	6.24	2.10	19.1	9.20	6.4	2.13	14.4	1.04	9.3
Y882025		0.16	58.7	35.1	20	0.73	8.91	5.63	2.20	18.4	8.66	5.5	1.96	15.2	0.87	9.6
Y882026		0.17	43.3	33.8	10	0.57	8.43	5.26	2.12	18.5	8.08	5.6	1.81	14.4	0.88	8.1
Y882027		0.15	47.2	37.8	10	0.71	10.05	6.50	2.01	18.3	9.49	6.0	2.14	16.0	0.94	9.5
Y882028		0.29	20.5	28.3	10	0.23	9.78	6.51	1.78	18.0	8.33	5.5	2.12	11.2	0.92	9.0
Y882029		0.25	33.6	31.6	<10	0.55	9.95	6.42	2.07	20.1	8.44	4.7	2.13	12.3	0.92	8.4
Y882030		0.24	50.2	32.3	30	1.03	5.70	3.34	0.92	8.6	5.43	3.7	1.18	15.0	0.46	5.2
Y882031		0.20	35.3	13.9	30	1.14	1.99	1.21	0.33	6.1	1.80	1.7	0.43	6.9	0.21	3.1
Y882032		0.18	0.9	0.5	20	<0.01	0.12	0.16	0.05	0.2	0.10	<0.1	0.04	0.3	0.09	0.1
Y882033		0.16	18.8	44.0	10	0.10	12.30	8.04	2.35	19.0	11.20	7.6	2.72	17.6	1.16	10.2
Y882034		0.21	25.4	35.4	10	0.15	10.20	6.48	2.23	17.1	9.17	5.4	2.16	14.1	0.93	9.3
Y882035		0.19	49.2	35.5	10	0.70	11.55	7.34	2.09	20.2	10.65	7.7	2.55	13.9	1.15	10.8
Y882036		0.21	67.5	29.7	10	1.02	10.55	6.11	2.00	19.2	8.71	3.8	2.16	11.4	0.92	9.9
Y882037		0.20	35.0	36.9	10	0.47	11.55	6.89	2.17	18.0	10.35	6.4	2.32	14.9	1.03	10.3
Y882038		0.22	51.0	33.7	10	0.77	10.90	6.73	1.80	17.7	9.79	5.4	2.27	13.4	1.07	10.6
Y882039		0.18	42.8	32.8	10	0.75	10.40	6.05	1.99	17.5	9.18	5.4	2.13	12.7	0.93	9.1
Y882040		0.22	128.0	27.6	10	2.78	9.14	5.50	1.94	19.3	8.00	4.4	1.90	10.8	0.80	7.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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132 BOULEVARD LABELLE
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ROSEMÈRE QC J7A 2H1

Finalisée date: 8-JUIN-2020
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE RY20111332

Description échantillon	Méthode élément unités LDI	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.02	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03
Y882001		22.0	4.47	9.1	6.50	<1	86.5	0.5	1.45	1.84	0.82	0.43	10	1	51.4	5.47
Y882002		21.3	4.25	10.4	6.80	<1	68.4	0.6	1.37	1.57	0.80	0.37	8	1	49.6	5.18
Y882003		16.3	3.44	13.6	5.30	<1	80.4	0.6	1.18	1.22	0.75	0.32	12	1	44.1	5.01
Y882004		15.5	3.05	14.7	5.07	<1	80.7	0.5	1.12	1.09	0.67	0.30	12	1	41.4	4.57
Y882005		15.8	3.20	16.5	5.14	<1	72.4	0.5	1.11	1.63	0.68	0.46	11	1	41.8	4.52
Y882006		16.1	3.15	9.7	4.94	<1	66.8	0.5	1.04	1.20	0.68	0.32	15	1	39.5	4.21
Y882007		18.0	3.67	18.4	5.33	<1	68.8	0.5	1.18	1.24	0.68	0.31	12	1	42.7	4.48
Y882008		7.7	1.57	3.7	2.59	<1	66.2	0.3	0.56	0.56	0.39	0.16	18	1	21.4	2.68
Y882009		16.4	3.31	10.9	5.32	<1	55.3	0.3	1.04	1.25	0.64	0.45	24	1	40.2	4.33
Y882010		14.3	3.00	5.6	4.83	<1	55.7	0.4	0.99	1.08	0.58	0.29	17	1	37.6	3.72
Y882011		13.1	2.62	15.9	3.85	1	88.0	0.1	0.91	1.26	0.53	0.41	26	1	33.2	3.33
Y882012		12.8	2.58	35.9	3.81	<1	87.9	0.2	0.86	1.02	0.53	0.29	38	1	31.6	3.15
Y882013		40.6	8.12	16.4	12.25	1	43.6	0.8	2.30	3.67	1.36	0.90	6	1	83.2	8.60
Y882014		37.5	7.91	6.6	10.85	<1	30.4	0.8	2.32	3.74	1.42	0.91	84	1	81.3	8.88
Y882015		33.0	6.91	3.1	10.05	<1	46.8	0.7	2.06	3.06	1.36	0.85	6	1	82.3	8.98
Y882016		33.1	7.03	0.8	9.99	1	60.5	0.8	2.26	3.10	1.53	0.83	9	1	98.5	10.00
Y882017		28.9	5.97	1.4	8.40	1	44.9	0.8	1.88	2.58	1.33	0.71	5	1	77.7	8.51
Y882018		30.8	6.43	1.3	9.09	1	55.5	0.7	1.91	2.53	1.33	0.77	<5	1	76.7	8.26
Y882019		35.8	7.49	1.2	10.40	1	67.6	0.8	2.21	2.95	1.47	0.85	<5	1	88.3	9.19
Y882020		27.6	5.70	0.9	8.45	<1	69.2	0.7	1.78	2.49	1.16	0.64	5	1	70.3	7.65
Y882021		24.1	4.95	1.7	7.65	1	80.1	0.5	1.64	2.10	1.06	0.53	5	1	64.2	6.96
Y882022		27.5	5.62	2.2	8.21	1	92.3	0.6	1.69	2.17	1.14	0.57	<5	1	65.5	6.76
Y882023		24.6	5.00	2.7	7.68	1	97.9	0.5	1.61	1.99	1.01	0.48	7	1	61.2	6.67
Y882024		24.8	5.13	4.1	7.33	1	94.1	0.5	1.48	2.04	1.01	0.52	7	1	58.9	6.42
Y882025		23.7	4.91	4.1	6.88	1	82.6	0.5	1.35	1.85	0.89	0.55	9	1	53.2	5.79
Y882026		23.3	4.73	4.4	6.62	1	102.0	0.5	1.25	1.81	0.79	0.56	12	1	48.7	5.57
Y882027		25.2	5.32	5.8	7.29	1	80.0	0.5	1.62	2.05	0.96	0.52	5	1	58.4	6.10
Y882028		20.9	4.20	3.7	6.44	1	66.6	0.4	1.45	1.82	0.99	0.49	<5	1	57.0	6.03
Y882029		22.8	4.55	4.5	6.92	1	71.5	0.5	1.55	1.68	0.96	0.46	<5	1	56.0	6.05
Y882030		19.0	4.33	21.9	4.91	<1	44.0	0.3	0.93	3.72	0.52	0.60	21	1	31.2	3.13
Y882031		7.3	1.71	23.3	1.73	<1	20.0	0.1	0.28	1.67	0.20	0.25	21	1	11.9	1.27
Y882032		0.3	0.06	0.2	0.06	<1	21.4	<0.1	0.02	<0.05	0.04	<0.05	<5	1	1.6	0.45
Y882033		30.5	6.24	0.9	9.37	<1	62.0	0.6	1.86	2.59	1.23	0.70	14	1	71.9	7.63
Y882034		24.9	4.97	1.3	7.04	1	75.6	0.5	1.49	2.03	0.96	0.54	7	1	56.5	6.44
Y882035		25.8	5.21	4.3	8.26	1	80.1	0.6	1.77	2.17	1.14	0.62	10	1	67.5	7.14
Y882036		22.5	4.52	6.3	7.22	1	92.2	0.4	1.52	1.64	0.90	0.42	5	1	57.4	5.99
Y882037		26.5	5.35	3.0	7.93	1	79.1	0.6	1.68	2.02	1.12	0.55	9	1	62.8	6.56
Y882038		25.1	4.96	4.5	7.47	1	73.5	0.5	1.55	1.97	1.06	0.46	<5	1	61.1	6.62
Y882039		24.1	4.82	3.7	7.11	1	81.4	0.5	1.53	1.76	0.97	0.49	7	1	57.8	6.08
Y882040		20.4	4.07	14.2	6.55	1	88.0	0.4	1.34	1.53	0.81	0.37	11	1	50.5	5.34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 8-JUIN-2020
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE RY20111332

Description échantillon	Méthode élément unités LDI	ME-MS81 Zr ppm 2
Y882001		176
Y882002		163
Y882003		139
Y882004		138
Y882005		174
Y882006		124
Y882007		132
Y882008		64
Y882009		136
Y882010		110
Y882011		129
Y882012		110
Y882013		489
Y882014		544
Y882015		306
Y882016		288
Y882017		260
Y882018		281
Y882019		336
Y882020		225
Y882021		203
Y882022		219
Y882023		195
Y882024		241
Y882025		199
Y882026		202
Y882027		211
Y882028		190
Y882029		176
Y882030		144
Y882031		61
Y882032		<2
Y882033		262
Y882034		196
Y882035		299
Y882036		130
Y882037		225
Y882038		188
Y882039		201
Y882040		159

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Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.02	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.1	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.1
Y882041		0.18	124.0	33.1	10	2.45	9.35	5.79	2.15	18.5	8.85	5.8	1.98	13.7	0.90	8.8
Y882042		0.18	112.0	35.8	10	2.02	11.15	7.02	2.08	18.4	10.35	5.8	2.36	14.0	1.03	8.7
Y882043		0.18	101.0	28.6	10	1.95	8.54	5.29	1.83	15.9	8.04	4.9	1.83	11.3	0.81	8.0
Y882044		0.21	153.5	29.6	10	2.86	9.84	5.97	2.14	20.8	9.01	4.6	2.06	11.5	0.91	7.7
Y882045		0.22	113.0	28.6	10	1.74	8.62	5.51	1.85	19.0	8.32	5.1	1.94	11.4	0.85	8.1

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Description échantillon	Méthode élément unités LDI	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.02	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03
Y882041		23.2	4.85	13.1	7.15	1	101.0	0.5	1.47	1.72	0.95	0.47	5	1	53.8	5.73
Y882042		26.3	5.17	9.1	8.26	1	77.7	0.5	1.67	2.14	1.08	0.56	11	1	62.7	6.55
Y882043		21.1	4.26	10.1	6.42	1	83.1	0.4	1.36	1.61	0.81	0.42	8	1	49.7	5.29
Y882044		22.2	4.28	17.5	6.68	1	83.2	0.4	1.46	2.12	0.95	0.45	8	1	57.1	5.84
Y882045		20.8	4.21	7.1	6.44	1	48.4	0.6	1.38	1.63	0.79	0.43	16	1	49.8	5.47

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CERTIFICAT D'ANALYSE RY20111332

Description échantillon	Méthode élément unités LDI	ME-MS81 Zr ppm 2
Y882041		234
Y882042		214
Y882043		187
Y882044		167
Y882045		181

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CERTIFICAT D'ANALYSE RY20111332

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-MS81

Applique à la Méthode: Traité à ALS Rouyn-Noranda
BAG-01 DRY-22 WEI-21

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 26-JUIL-2020
Cette copie a fait un rapport sur 18-AOUT-2020
Compte: MIDEXP

CERTIFICAT RY20149523

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 45 échantillons de pulpe soumis à notre laboratoire de Rouyn-Noranda, QC, Canada le 15-JUIL-2020.

Les résultats sont transmis à:

SANDRO BOURASSA SYLVAIN TRÉPANIER	MARIO MASSON	LOUIS-PHILIPPE RICHARD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND-02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Saa Traxler, General Manager, North Vancouver

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Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE RY20149523

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10
Y882001		<0.5	6.54	10	170	0.5	<2	3.67	<0.5	24	5	4	11.20	20	0.28	10
Y882002		<0.5	6.19	6	190	0.5	2	3.24	<0.5	22	5	2	11.05	20	0.31	10
Y882003		<0.5	6.03	5	230	0.5	3	5.00	<0.5	22	3	49	10.45	20	0.38	10
Y882004		<0.5	6.00	8	220	<0.5	2	5.01	<0.5	28	4	106	10.75	20	0.38	10
Y882005		<0.5	6.21	<5	230	<0.5	<2	4.26	<0.5	29	4	226	11.55	20	0.42	10
Y882006		<0.5	5.67	<5	160	<0.5	<2	4.83	<0.5	31	5	397	10.85	10	0.25	10
Y882007		<0.5	6.20	<5	220	<0.5	<2	4.29	<0.5	33	3	278	11.85	20	0.44	10
Y882008		<0.5	3.92	5	50	<0.5	<2	12.70	0.6	12	4	17	6.67	10	0.10	10
Y882009		<0.5	6.20	<5	110	<0.5	2	3.51	<0.5	35	3	335	11.60	20	0.25	10
Y882010		<0.5	6.51	5	70	<0.5	2	4.01	0.5	36	2	454	12.15	20	0.15	10
Y882011		<0.5	5.36	6	160	<0.5	<2	8.01	<0.5	29	2	152	10.30	20	0.36	10
Y882012		<0.5	6.31	11	320	0.5	2	3.79	0.7	35	2	11	12.55	20	0.85	10
Y882013		<0.5	5.84	<5	60	0.7	<2	1.59	<0.5	4	19	5	1.70	20	0.34	20
Y882014		<0.5	6.21	9	40	0.6	<2	1.43	<0.5	9	14	6	3.25	20	0.17	20
Y882015		<0.5	6.12	12	30	0.7	<2	2.14	<0.5	17	17	93	3.33	20	0.10	20
Y882016		<0.5	5.80	<5	10	1.1	<2	4.68	<0.5	9	14	111	3.25	30	0.04	20
Y882017		<0.5	5.94	<5	30	0.7	<2	1.90	<0.5	13	19	115	4.09	20	0.06	20
Y882018		<0.5	5.82	<5	30	0.8	<2	2.81	<0.5	9	14	102	4.17	20	0.06	10
Y882019		<0.5	5.87	<5	40	0.9	<2	2.74	<0.5	9	15	96	4.32	20	0.06	20
Y882020		<0.5	5.91	<5	40	0.9	<2	3.14	<0.5	4	11	15	4.93	20	0.05	10
Y882021		<0.5	5.52	<5	30	0.7	<2	2.95	<0.5	9	16	52	6.01	20	0.06	10
Y882022		<0.5	5.98	<5	30	0.8	<2	3.11	<0.5	8	12	59	6.61	20	0.07	10
Y882023		<0.5	5.93	<5	40	0.8	<2	3.22	<0.5	10	13	88	6.30	20	0.09	10
Y882024		<0.5	5.96	<5	60	0.8	<2	3.25	<0.5	10	13	77	6.64	20	0.13	10
Y882025		<0.5	5.78	<5	60	0.8	<2	4.36	0.5	11	12	71	6.75	20	0.13	10
Y882026		<0.5	5.14	<5	40	0.7	<2	7.19	<0.5	8	7	32	6.07	20	0.11	10
Y882027		<0.5	5.70	<5	50	0.7	<2	4.25	<0.5	12	11	82	7.34	20	0.14	20
Y882028		<0.5	6.31	5	20	0.7	<2	3.14	<0.5	16	5	26	8.13	20	0.09	10
Y882029		<0.5	6.26	<5	40	0.8	<2	3.52	<0.5	15	3	48	8.58	20	0.12	10
Y882030		<0.5	3.96	<5	50	<0.5	<2	2.71	<0.5	8	25	3	3.36	10	0.42	20
Y882031		<0.5	2.08	<5	30	<0.5	<2	2.07	<0.5	5	27	1	2.93	10	0.37	10
Y882032		<0.5	0.03	<5	<10	<0.5	<2	11.40	<0.5	<1	15	3	0.43	<10	<0.01	<10
Y882033		<0.5	5.98	<5	20	<0.5	<2	3.11	<0.5	9	11	183	6.69	20	0.04	20
Y882034		<0.5	6.02	<5	30	0.5	<2	3.50	<0.5	8	11	107	6.21	20	0.06	10
Y882035		<0.5	5.64	<5	50	0.5	<2	3.71	<0.5	12	7	151	8.98	20	0.11	10
Y882036		<0.5	6.04	<5	70	0.6	<2	3.60	<0.5	9	9	140	8.76	20	0.17	10
Y882037		<0.5	5.76	<5	40	0.5	<2	3.30	<0.5	13	6	204	8.68	20	0.09	10
Y882038		<0.5	5.82	<5	50	0.5	<2	4.62	0.5	11	7	147	8.33	20	0.13	10
Y882039		<0.5	5.84	<5	40	0.5	<2	3.94	<0.5	15	8	194	9.28	20	0.10	10
Y882040		<0.5	6.03	<5	130	0.6	<2	3.73	<0.5	13	7	59	9.88	20	0.35	10

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ROSEMÈRE QC J7A 2H1

Finalisée date: 26-JUIL-2020
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE RY20149523

Description échantillon	Méthode élément unités LDI	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10
Y882001		1.01	1620	<1	1.88	<1	1140	3	0.01	<5	35	101	<20	0.67	<10	<10
Y882002		1.05	1710	<1	2.16	<1	990	3	<0.01	7	39	80	<20	0.81	<10	<10
Y882003		0.81	1755	1	2.40	1	900	<2	0.18	<5	36	91	<20	0.86	<10	<10
Y882004		0.81	1750	1	2.22	<1	880	2	0.33	<5	35	89	<20	0.83	<10	<10
Y882005		0.88	1860	1	2.31	<1	1010	<2	0.58	<5	36	81	<20	0.83	<10	<10
Y882006		0.81	1630	1	2.36	<1	810	2	1.02	<5	36	73	<20	0.84	<10	<10
Y882007		0.93	1765	1	2.15	<1	890	3	0.73	<5	39	75	<20	0.81	<10	<10
Y882008		0.76	1600	<1	1.19	<1	470	4	0.03	<5	20	81	<20	0.52	<10	<10
Y882009		1.04	1610	1	2.12	<1	760	3	0.71	<5	40	58	<20	0.90	<10	<10
Y882010		1.12	1620	<1	2.36	<1	780	<2	0.98	6	43	63	<20	0.91	<10	<10
Y882011		1.08	1735	<1	1.70	<1	680	3	0.23	<5	37	95	<20	0.73	<10	<10
Y882012		1.31	1905	1	1.52	<1	720	2	<0.01	<5	44	100	<20	0.94	<10	<10
Y882013		0.22	248	<1	4.28	<1	120	2	0.01	5	5	47	<20	0.13	<10	<10
Y882014		0.32	425	<1	4.16	2	140	9	0.02	<5	7	38	<20	0.14	<10	<10
Y882015		0.25	422	1	4.10	<1	160	4	0.37	<5	7	52	<20	0.15	<10	<10
Y882016		0.15	413	1	3.59	<1	140	3	0.55	<5	6	71	<20	0.14	<10	<10
Y882017		0.21	488	1	3.79	<1	200	4	0.56	<5	7	52	<20	0.19	<10	<10
Y882018		0.15	584	<1	3.58	<1	200	6	0.49	<5	10	61	<20	0.23	<10	<10
Y882019		0.13	595	<1	3.85	<1	290	3	0.66	<5	8	71	<20	0.25	<10	<10
Y882020		0.23	805	1	3.61	<1	320	2	0.09	<5	9	76	<20	0.23	<10	<10
Y882021		0.22	835	<1	2.78	<1	340	3	0.38	<5	9	86	<20	0.24	<10	<10
Y882022		0.24	903	1	2.85	<1	510	4	0.35	<5	11	100	<20	0.29	10	<10
Y882023		0.19	840	<1	3.05	<1	490	7	0.55	<5	15	108	<20	0.31	<10	<10
Y882024		0.21	918	1	3.18	<1	620	<2	0.52	<5	16	108	<20	0.34	<10	<10
Y882025		0.27	1085	<1	3.27	<1	830	4	0.51	<5	16	90	<20	0.40	<10	<10
Y882026		0.29	1200	1	2.58	<1	720	2	0.24	<5	16	113	<20	0.33	<10	<10
Y882027		0.41	1110	<1	2.86	<1	1030	<2	0.53	<5	22	88	<20	0.45	<10	<10
Y882028		0.76	1140	1	2.82	<1	1320	3	0.12	<5	24	72	<20	0.58	<10	<10
Y882029		0.49	1180	<1	2.90	<1	1730	2	0.26	<5	23	80	<20	0.62	<10	<10
Y882030		1.81	634	1	1.59	7	230	<2	<0.01	<5	7	52	<20	0.17	<10	<10
Y882031		1.27	514	1	0.54	7	160	2	<0.01	<5	4	22	<20	0.07	<10	<10
Y882032		0.02	654	<1	0.01	1	<10	2	<0.01	<5	<1	25	<20	<0.01	<10	<10
Y882033		0.52	879	1	2.99	<1	560	5	0.84	<5	17	67	<20	0.30	<10	<10
Y882034		0.31	843	<1	3.16	<1	550	3	0.94	<5	16	87	<20	0.31	<10	<10
Y882035		0.31	1240	<1	2.68	<1	950	5	1.54	<5	21	86	<20	0.47	<10	<10
Y882036		0.24	1255	<1	3.02	<1	950	2	1.46	7	24	107	<20	0.48	<10	<10
Y882037		0.25	1005	<1	3.00	<1	1210	5	1.86	<5	25	90	<20	0.52	<10	<10
Y882038		0.28	1255	<1	3.28	<1	910	4	1.48	<5	25	81	<20	0.51	<10	<10
Y882039		0.34	1135	<1	3.02	<1	1080	4	1.71	<5	23	89	<20	0.46	<10	<10
Y882040		0.42	1590	<1	2.68	<1	1620	4	0.53	<5	23	100	<20	0.52	10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 26-JUIL-2020
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE RY20149523

Description échantillon	Méthode élément unités LDI	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
Y882001		3	<10	72
Y882002		5	<10	69
Y882003		6	<10	60
Y882004		7	<10	65
Y882005		7	<10	65
Y882006		10	<10	58
Y882007		9	<10	68
Y882008		15	<10	48
Y882009		12	<10	72
Y882010		15	<10	74
Y882011		19	<10	75
Y882012		34	<10	91
Y882013		4	<10	13
Y882014		2	<10	36
Y882015		2	<10	24
Y882016		1	<10	16
Y882017		3	<10	25
Y882018		1	<10	26
Y882019		2	<10	25
Y882020		1	<10	39
Y882021		3	<10	40
Y882022		1	<10	51
Y882023		2	<10	40
Y882024		1	<10	42
Y882025		2	<10	43
Y882026		1	<10	43
Y882027		2	<10	49
Y882028		1	<10	67
Y882029		2	<10	62
Y882030		19	<10	49
Y882031		19	<10	36
Y882032		2	<10	<2
Y882033		6	<10	43
Y882034		4	<10	35
Y882035		4	<10	45
Y882036		2	<10	42
Y882037		4	<10	34
Y882038		3	<10	46
Y882039		4	<10	44
Y882040		1	<10	61

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Description échantillon	Méthode élément unités LDI	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10
Y882041		<0.5	5.94	5	120	0.6	<2	3.84	<0.5	14	6	53	8.41	20	0.32	10
Y882042		<0.5	6.30	<5	110	0.5	<2	3.19	<0.5	19	6	134	10.15	20	0.24	10
Y882043		<0.5	5.75	<5	110	0.5	<2	5.13	<0.5	14	5	78	7.95	20	0.25	10
Y882044		<0.5	5.94	<5	160	0.5	<2	5.65	<0.5	15	5	28	9.14	20	0.41	10
Y882045		<0.5	6.41	6	120	<0.5	<2	3.16	<0.5	20	4	20	10.30	20	0.22	10

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CERTIFICAT D'ANALYSE RY20149523

Description échantillon	Méthode élément unités LDI	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10
Y882041		0.38	1335	1	2.72	<1	1310	4	0.49	<5	27	109	<20	0.60	<10	<10
Y882042		0.54	1285	<1	2.83	<1	2100	2	0.95	<5	32	86	<20	0.63	<10	<10
Y882043		0.43	1260	<1	2.78	<1	1810	4	0.64	<5	24	94	<20	0.62	<10	<10
Y882044		0.60	1520	1	2.31	<1	1410	6	0.25	<5	28	93	<20	0.59	<10	<10
Y882045		0.87	1510	<1	2.41	<1	1170	3	0.15	<5	36	59	<20	0.72	10	<10

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CERTIFICAT D'ANALYSE RY20149523

Description échantillon	Méthode élément unités LDI	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
Y882041		2	<10	50
Y882042		5	<10	57
Y882043		3	<10	46
Y882044		3	<10	58
Y882045		5	<10	69

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CERTIFICAT D'ANALYSE RY20149523

COMMENTAIRE DE CERTIFICAT

Applique à la Méthode:

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-ICP61

2019 – CERTIFICATES: Midland

2019 – DDH : Midland

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 20-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19235093

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 99 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 16-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
DRY-22	Séchage - Temp. max. 60 C
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	
Ni-OG62	Teneur marchande Ni - quatre acides	
Au-AA23	Au 30 g fini FA-AA	AAS
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES
ME-OG62	Teneur marchande éléments - quatre acides	ICP-AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235093

Description échantillon / Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
V705001	0.11	0.008	<0.5	7.48	5	860	1.0	<2	1.77	<0.5	4	13	23	2.77	10
V705002	3.47	<0.005	<0.5	7.20	23	10	<0.5	<2	7.21	<0.5	49	133	123	8.47	20
V705003	2.06	0.006	<0.5	6.61	29	<10	<0.5	<2	6.59	<0.5	55	127	253	8.35	20
V705004	1.44	<0.005	<0.5	7.10	10	<10	<0.5	<2	5.49	<0.5	43	139	116	8.23	20
V705005	1.98	0.007	<0.5	7.65	5	<10	0.6	3	2.34	<0.5	60	132	382	8.97	20
V705006	2.45	0.026	<0.5	8.28	<5	410	1.3	<2	1.13	<0.5	40	51	1345	14.10	20
V705007	0.62	0.016	<0.5	7.12	<5	300	0.8	<2	0.79	<0.5	20	114	676	7.12	10
V705008	1.17	0.006	<0.5	7.28	<5	250	1.0	2	0.84	<0.5	32	59	1205	15.05	10
V705009	1.05	0.046	0.7	3.13	1635	110	<0.5	10	0.48	<0.5	153	20	2180	38.9	10
V705010	2.35	0.039	<0.5	5.08	41	150	1.4	7	2.40	<0.5	42	110	1095	18.20	20
V705011	1.96	0.028	<0.5	5.98	84	170	1.4	2	1.02	1.1	30	159	201	16.95	10
V705012	3.02	0.026	<0.5	4.03	62	100	1.1	<2	2.25	2.8	18	77	169	20.0	10
V705013	2.49	0.024	<0.5	2.95	58	50	1.4	<2	2.32	1.9	16	66	109	25.4	10
V705014	2.47	0.008	<0.5	4.29	14	110	1.9	<2	1.22	<0.5	10	93	97	20.4	20
V705015	2.33	0.015	<0.5	4.36	105	120	1.5	<2	1.65	<0.5	12	96	73	19.20	20
V705016	2.81	0.005	<0.5	4.77	114	130	1.5	<2	0.64	<0.5	11	109	96	20.9	20
V705017	2.25	0.015	<0.5	4.85	9	150	1.7	<2	0.32	<0.5	17	103	118	19.55	20
V705018	3.79	0.013	<0.5	4.61	9	140	1.6	<2	0.82	<0.5	15	100	110	21.9	10
V705019	3.93	0.018	<0.5	4.02	189	110	1.3	2	1.40	<0.5	16	93	140	22.4	10
V705020	2.57	0.011	<0.5	4.57	39	130	1.5	<2	0.78	<0.5	15	94	118	21.0	20
V705021	0.11	0.037	1.4	1.48	5	20	<0.5	<2	0.97	0.8	346	2350	4380	17.00	<10
V705022	1.33	0.016	<0.5	5.04	<5	180	1.8	<2	0.51	2.1	7	90	134	22.9	20
V705023	2.98	0.015	<0.5	5.73	<5	220	1.8	<2	0.57	0.7	7	116	106	20.1	20
V705024	2.64	0.009	<0.5	6.61	20	250	2.1	<2	0.88	2.7	15	95	82	16.60	10
V705025	2.78	0.013	<0.5	7.76	33	300	2.4	<2	0.36	1.3	18	114	58	10.80	20
V705026	3.03	0.011	<0.5	7.75	64	330	2.6	<2	0.43	1.6	19	111	53	10.80	20
V705027	2.79	0.028	0.6	7.36	17	290	2.4	<2	0.63	1.8	17	110	82	11.85	20
V705028	2.89	0.013	<0.5	8.36	77	360	2.6	<2	0.62	1.6	32	121	75	10.25	20
V705029	2.46	0.025	<0.5	8.14	39	290	2.0	<2	0.52	<0.5	22	116	57	9.86	20
V705030	3.11	<0.005	<0.5	8.35	14	290	1.9	<2	0.78	<0.5	19	113	60	9.42	20
V705031	3.09	0.009	<0.5	8.47	36	370	2.2	<2	0.56	<0.5	20	114	49	8.35	20
V705032	2.41	0.010	<0.5	8.06	13	400	2.0	<2	0.73	<0.5	17	95	30	8.36	20
V705033	2.76	0.009	<0.5	7.99	10	470	2.1	<2	0.85	<0.5	16	90	29	7.21	20
V705034	3.42	<0.005	<0.5	7.62	9	420	1.8	<2	1.18	<0.5	15	84	18	7.90	20
V705035	0.11	0.009	<0.5	7.14	<5	840	1.0	<2	1.69	<0.5	4	13	21	2.74	10
V705036	3.51	<0.005	<0.5	7.06	15	<10	<0.5	<2	7.41	<0.5	52	129	147	8.54	20
V705037	2.47	0.005	<0.5	7.79	8	<10	<0.5	<2	7.18	<0.5	51	161	118	9.08	20
V705038	1.23	0.038	<0.5	6.75	6	10	<0.5	<2	7.31	<0.5	59	153	321	10.20	10
V705039	3.05	0.028	<0.5	6.72	21	<10	<0.5	<2	7.81	<0.5	60	154	175	9.81	20
V705040	2.73	0.013	<0.5	7.33	14	<10	<0.5	<2	7.16	<0.5	51	133	127	9.06	20

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Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235093

Description échantillon	Méthode élément unités LDI	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	Ni-OG62 Ni % 0.001	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
V705001		1.67	10	0.56	744	3	3.56	7		430	<2	0.06	<5	7	213	<20
V705002		0.02	<10	5.06	1325	<1	0.91	164		300	<2	0.34	<5	36	133	<20
V705003		0.02	<10	4.54	1305	<1	0.77	154		280	<2	0.44	5	33	107	<20
V705004		0.01	<10	4.41	1380	<1	1.47	113		330	<2	0.66	<5	40	76	<20
V705005		0.01	10	5.25	1160	1	2.79	98		550	<2	1.90	<5	41	28	<20
V705006		2.33	30	1.70	252	9	2.92	91		860	<2	5.79	<5	22	23	<20
V705007		1.42	50	2.45	332	1	2.76	69		560	<2	3.10	<5	20	33	<20
V705008		2.69	20	2.06	296	12	1.77	87		820	<2	6.26	<5	17	15	<20
V705009		0.64	30	2.88	488	13	0.20	229		430	3	>10.0	<5	7	5	<20
V705010		1.83	20	1.57	1185	13	0.52	115		380	8	8.69	<5	13	47	<20
V705011		2.85	20	1.03	520	9	0.24	141		470	10	>10.0	<5	16	30	<20
V705012		1.26	10	1.50	2360	11	0.31	148		480	14	8.78	<5	10	55	<20
V705013		0.67	10	1.11	2530	18	0.46	152		470	16	>10.0	<5	9	83	<20
V705014		1.22	20	1.25	1645	15	0.69	113		370	11	>10.0	<5	12	80	<20
V705015		1.33	20	1.18	2050	16	0.69	99		370	9	9.73	<5	12	92	<20
V705016		1.76	20	1.37	1335	13	0.43	125		430	8	9.73	<5	12	58	<20
V705017		2.25	20	1.25	892	19	0.04	120		330	12	10.0	<5	12	26	<20
V705018		2.02	20	1.32	1475	13	0.11	140		350	8	>10.0	<5	12	43	<20
V705019		1.61	20	1.37	2370	13	0.09	144		390	19	>10.0	6	11	60	<20
V705020		1.92	20	1.42	1495	15	0.15	133		350	13	>10.0	<5	11	43	<20
V705021		0.02	<10	16.45	992	<1	0.12	>10000	1.530	70	18	6.81	<5	10	4	<20
V705022		2.35	30	1.38	1045	14	0.12	162		300	15	>10.0	6	10	32	<20
V705023		2.59	20	1.14	754	10	0.45	140		230	10	8.76	<5	13	42	<20
V705024		2.97	30	1.28	664	6	0.59	114		240	10	7.98	<5	12	51	<20
V705025		3.23	30	1.27	327	5	1.18	73		240	6	4.97	5	15	50	<20
V705026		3.81	30	1.23	375	6	0.29	73		270	8	4.12	<5	14	40	<20
V705027		3.34	30	1.23	516	5	0.44	82		230	18	4.69	<5	14	47	<20
V705028		3.84	30	1.25	550	4	0.28	76		220	8	3.48	<5	15	44	<20
V705029		2.91	30	1.37	771	4	0.70	63		250	<2	1.83	<5	14	43	<20
V705030		2.73	30	1.38	1005	2	0.79	53		270	<2	1.17	<5	14	51	<20
V705031		3.36	30	1.33	1055	1	0.32	54		230	5	1.06	<5	13	44	<20
V705032		3.02	20	1.36	1745	<1	0.45	40		170	2	1.02	<5	12	38	<20
V705033		3.20	30	1.22	2380	<1	0.46	35		170	4	0.64	<5	11	53	<20
V705034		2.44	30	1.21	4320	<1	0.83	35		200	14	0.31	<5	11	81	<20
V705035		1.59	10	0.52	739	3	3.44	9		420	<2	0.05	<5	6	201	<20
V705036		0.03	<10	4.88	1430	<1	0.97	184		290	<2	0.24	<5	29	125	<20
V705037		0.03	<10	4.95	1335	<1	1.49	170		280	<2	0.75	<5	37	144	<20
V705038		0.04	<10	4.56	1280	<1	1.23	160		260	<2	2.02	6	37	127	<20
V705039		0.02	<10	5.39	1720	<1	1.00	223		310	<2	0.29	<5	24	165	<20
V705040		0.02	<10	4.95	1495	<1	0.70	168		320	<2	0.32	<5	37	124	<20

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235093

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
V705001		0.21	<10	<10	35	<10	26
V705002		0.56	10	<10	285	<10	89
V705003		0.52	<10	<10	268	<10	81
V705004		0.59	<10	<10	300	<10	73
V705005		0.75	<10	<10	302	<10	48
V705006		0.78	<10	<10	181	<10	<2
V705007		0.56	10	<10	113	<10	15
V705008		0.71	<10	10	174	<10	20
V705009		0.30	<10	<10	105	<10	334
V705010		0.19	10	<10	265	<10	255
V705011		0.24	<10	10	163	<10	329
V705012		0.10	<10	<10	307	<10	699
V705013		0.09	<10	<10	375	<10	712
V705014		0.17	10	<10	318	<10	161
V705015		0.16	<10	<10	304	<10	107
V705016		0.09	<10	<10	279	<10	159
V705017		0.10	<10	10	278	<10	127
V705018		0.10	<10	10	260	<10	255
V705019		0.10	<10	<10	259	<10	258
V705020		0.10	<10	<10	278	<10	237
V705021		0.10	<10	<10	74	<10	95
V705022		0.13	<10	<10	265	<10	631
V705023		0.12	<10	<10	223	<10	200
V705024		0.14	<10	<10	305	<10	508
V705025		0.18	<10	<10	252	<10	286
V705026		0.22	<10	<10	259	<10	304
V705027		0.27	<10	<10	251	<10	365
V705028		0.38	<10	<10	220	<10	231
V705029		0.35	<10	<10	197	<10	226
V705030		0.34	<10	<10	176	<10	204
V705031		0.35	<10	<10	164	<10	165
V705032		0.29	<10	<10	107	<10	108
V705033		0.31	<10	<10	94	<10	77
V705034		0.30	<10	<10	79	<10	63
V705035		0.20	<10	<10	35	<10	33
V705036		0.52	<10	<10	279	<10	76
V705037		0.55	<10	<10	296	<10	83
V705038		0.49	<10	<10	276	<10	90
V705039		0.57	<10	<10	320	<10	121
V705040		0.58	<10	<10	297	<10	96

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CERTIFICAT D'ANALYSE VO19235093

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
V705041		2.25	0.012	<0.5	7.21	20	<10	<0.5	<2	6.92	<0.5	50	133	160	8.93	20
V705042		1.81	0.016	<0.5	7.85	28	440	1.5	<2	1.07	<0.5	27	101	1175	11.90	20
V705043		2.10	0.007	0.6	7.98	110	430	1.4	<2	0.69	0.9	11	140	1175	13.95	20
V705044		0.84	0.049	0.5	6.53	3050	80	1.1	16	0.66	<0.5	227	62	693	22.6	10
V705045		0.94	0.238	2.9	1.90	6190	70	0.5	76	2.10	1.4	340	33	1900	38.3	10
V705046		2.53	0.127	0.7	2.39	207	20	0.8	11	7.08	1.7	8	59	1450	22.7	10
V705047		2.54	0.044	0.6	3.06	113	40	1.2	5	6.67	1.5	8	77	1075	21.1	10
V705048		2.55	0.072	<0.5	6.17	85	160	2.3	<2	1.95	1.4	69	156	549	18.10	20
V705049		2.36	0.019	<0.5	5.96	35	200	2.1	<2	1.33	1.9	8	86	454	16.60	20
V705050		2.54	0.034	0.6	3.20	66	60	1.1	<2	1.58	4.8	24	77	366	23.2	20
V705051		2.37	0.014	<0.5	5.29	47	160	2.0	<2	1.03	0.8	12	122	264	19.80	20
V705052		2.80	0.011	<0.5	5.18	27	140	1.8	<2	1.01	0.8	12	101	148	20.9	20
V705053		2.80	0.014	<0.5	4.95	6	160	1.7	<2	0.68	<0.5	25	101	136	22.7	20
V705054		1.86	0.010	<0.5	5.46	7	200	1.9	<2	0.34	<0.5	54	114	90	17.55	20
V705055		0.11	0.084	1.2	1.47	<5	20	<0.5	7	0.96	0.5	338	2300	4240	16.95	<10
V705056		1.88	<0.005	<0.5	5.12	<5	170	1.8	<2	0.45	0.8	51	101	124	22.7	20
V705057		2.36	0.016	<0.5	7.06	26	270	2.2	<2	0.28	2.1	16	111	68	12.60	20
V705058		2.29	0.018	<0.5	7.17	126	280	2.2	<2	0.95	1.7	16	107	73	11.75	20
V705059		2.66	0.041	<0.5	8.25	<5	330	2.4	2	0.29	0.9	13	119	42	8.23	20
V705060		1.77	0.020	<0.5	8.05	17	320	2.2	<2	0.55	1.4	18	116	87	11.05	20
V705061		2.56	0.104	<0.5	8.05	46	320	2.2	<2	0.86	1.4	19	118	68	10.65	20
V705062		2.79	0.026	<0.5	8.50	9	380	2.5	<2	0.44	2.0	18	126	75	9.54	20
V705063		2.78	0.015	<0.5	8.40	76	310	2.0	<2	0.75	1.3	20	121	83	10.20	20
V705064		2.46	<0.005	<0.5	8.32	16	260	1.7	<2	0.77	0.5	18	111	75	9.38	20
V705065		2.45	0.010	<0.5	8.90	<5	380	2.4	<2	0.54	0.9	20	124	87	8.27	20
V705066		2.54	0.008	<0.5	8.63	20	380	2.3	<2	0.50	<0.5	17	117	87	8.82	20
V705067		2.44	0.006	<0.5	7.98	10	290	1.8	<2	0.82	0.8	16	103	57	9.65	20
V705068		2.84	<0.005	<0.5	6.17	7	180	1.1	<2	1.71	1.3	16	78	37	10.00	20
V705069		2.91	<0.005	<0.5	5.73	5	160	0.9	<2	1.92	1.0	15	71	35	9.75	20
V705070		2.61	0.010	<0.5	8.42	5	500	2.4	<2	0.28	0.7	17	102	42	8.13	20
V705071		2.21	<0.005	<0.5	7.40	6	370	1.5	<2	0.86	0.7	13	81	22	7.85	20
V705072		3.27	<0.005	<0.5	7.93	5	560	2.2	<2	0.58	<0.5	18	93	62	7.00	20
V705073		2.59	<0.005	<0.5	7.54	8	740	1.4	<2	0.29	<0.5	14	81	13	5.87	20
V705074		0.74	<0.005	<0.5	6.58	8	630	1.1	<2	0.31	1.7	19	69	280	6.15	20
V705075		0.11	<0.005	<0.5	7.04	6	840	1.0	<2	1.70	<0.5	3	13	22	2.68	10
V705076		2.28	0.006	<0.5	7.89	<5	850	1.4	<2	0.21	0.5	12	89	50	5.81	20
V705077		2.16	<0.005	<0.5	7.10	13	860	1.2	<2	0.26	<0.5	16	76	74	4.87	20
V705078		2.65	0.008	<0.5	4.42	25	670	0.6	<2	0.42	<0.5	27	45	88	2.80	10
V705079		2.65	0.010	<0.5	2.59	24	460	<0.5	<2	0.17	2.1	26	29	133	2.44	10
V705080		1.23	<0.005	<0.5	3.77	22	540	0.5	<2	0.16	0.5	26	42	78	3.96	10

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V705041		0.02	<10	4.93	1550	<1	1.25	168		310	<2	0.49	<5	39	68	<20
V705042		2.70	40	2.34	450	4	1.43	91		760	<2	5.03	<5	19	20	<20
V705043		3.71	40	1.41	187	7	0.65	101		760	67	5.74	<5	19	16	<20
V705044		2.83	30	1.78	350	10	0.41	107		760	2	>10.0	<5	13	11	<20
V705045		0.63	20	0.94	795	14	0.04	196		200	38	>10.0	19	5	26	<20
V705046		0.48	10	1.14	2850	14	0.48	149		500	14	9.94	<5	8	123	<20
V705047		0.75	10	1.27	3260	12	0.54	137		540	8	>10.0	7	10	116	<20
V705048		2.75	20	0.99	789	12	0.52	101		570	19	>10.0	7	18	47	<20
V705049		2.36	20	1.25	1050	7	0.62	106		210	8	7.76	<5	11	43	<20
V705050		0.93	20	1.54	2990	15	0.15	140		610	26	>10.0	<5	10	44	<20
V705051		1.96	30	1.48	1825	13	0.53	120		480	14	8.56	<5	14	60	<20
V705052		2.04	30	1.42	1415	18	0.43	132		330	8	>10.0	<5	12	67	<20
V705053		2.20	30	1.22	1105	16	0.21	143		340	13	>10.0	6	12	43	<20
V705054		2.63	20	1.22	785	16	0.17	110		240	15	8.77	7	13	31	<20
V705055		0.03	<10	16.15	970	<1	0.12	>10000	1.530	60	14	6.87	<5	10	5	<20
V705056		2.42	20	1.19	835	16	0.13	151		240	9	>10.0	<5	12	30	<20
V705057		3.21	30	1.22	573	9	0.57	86		310	10	5.97	<5	14	43	<20
V705058		3.32	30	1.17	763	6	0.56	81		280	12	5.47	<5	14	63	<20
V705059		3.69	30	1.27	497	5	0.64	55		230	11	3.21	<5	15	46	<20
V705060		3.44	30	1.44	688	3	0.34	64		210	6	3.71	<5	14	40	<20
V705061		3.18	30	1.37	859	4	0.43	67		220	6	3.22	<5	14	57	<20
V705062		3.80	30	1.24	564	5	0.19	67		220	11	2.84	<5	15	42	<20
V705063		2.95	30	1.39	778	4	0.60	64		290	<2	2.13	<5	14	58	<20
V705064		2.40	30	1.30	885	3	1.10	56		300	<2	1.15	<5	13	65	<20
V705065		3.63	30	1.20	677	3	0.40	65		240	9	1.46	<5	15	50	<20
V705066		3.55	30	1.27	666	3	0.20	54		210	16	1.65	<5	14	46	<20
V705067		2.50	30	1.51	1000	1	0.42	44		190	10	0.85	<5	12	59	<20
V705068		1.47	20	1.33	1785	1	0.42	35		180	5	0.92	<5	9	89	<20
V705069		1.24	20	1.35	2130	<1	0.33	30		150	3	0.69	<5	9	97	<20
V705070		3.60	20	1.30	1175	2	0.21	47		160	15	1.17	<5	13	34	<20
V705071		2.15	20	1.24	3300	1	0.80	31		210	8	0.23	<5	10	73	<20
V705072		3.36	30	1.20	2480	1	0.36	40		340	17	0.69	<5	11	53	<20
V705073		2.85	20	1.01	1550	<1	0.48	30		170	7	0.13	<5	10	38	<20
V705074		2.42	20	0.85	1250	<1	0.53	31		160	56	0.87	<5	8	38	<20
V705075		1.53	10	0.52	741	4	3.34	7		410	<2	0.05	<5	6	210	<20
V705076		3.29	20	1.13	1425	1	0.17	33		200	5	0.15	<5	11	30	<20
V705077		2.72	20	1.08	1150	<1	0.54	29		150	2	0.18	<5	9	40	<20
V705078		1.42	10	0.64	759	<1	0.95	16		100	6	0.22	<5	5	47	<20
V705079		0.70	10	0.48	556	<1	0.56	7		70	<2	0.24	<5	2	23	<20
V705080		1.17	10	0.88	914	<1	0.36	13		90	2	0.19	<5	4	20	<20

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À: **EXPLORATION MIDLAND INC**
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ROSEMÈRE QC J7A 2H1

Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235093

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
V705041		0.57	<10	<10	295	<10	100
V705042		0.63	<10	<10	151	<10	36
V705043		0.66	<10	<10	165	<10	395
V705044		0.55	<10	<10	135	<10	104
V705045		0.14	<10	<10	121	<10	436
V705046		0.11	<10	<10	317	<10	497
V705047		0.15	<10	<10	292	<10	389
V705048		0.37	<10	10	205	<10	452
V705049		0.13	<10	<10	263	<10	440
V705050		0.10	<10	<10	348	<10	1160
V705051		0.16	<10	<10	324	<10	383
V705052		0.13	<10	<10	292	<10	299
V705053		0.10	<10	<10	285	<10	175
V705054		0.11	<10	<10	277	<10	126
V705055		0.10	<10	<10	73	<10	92
V705056		0.10	<10	<10	263	<10	250
V705057		0.16	<10	10	318	<10	327
V705058		0.16	<10	10	271	<10	268
V705059		0.23	<10	<10	240	<10	208
V705060		0.34	<10	<10	200	<10	225
V705061		0.36	<10	<10	202	<10	250
V705062		0.38	<10	<10	216	<10	223
V705063		0.36	10	<10	198	<10	229
V705064		0.33	10	<10	166	<10	197
V705065		0.38	10	<10	182	<10	203
V705066		0.32	<10	<10	184	<10	203
V705067		0.28	<10	<10	143	<10	149
V705068		0.22	<10	<10	90	<10	92
V705069		0.20	<10	<10	84	<10	84
V705070		0.31	<10	<10	124	<10	132
V705071		0.29	10	<10	76	<10	75
V705072		0.31	10	<10	96	<10	88
V705073		0.28	<10	<10	64	<10	83
V705074		0.23	<10	<10	53	<10	517
V705075		0.20	<10	<10	35	<10	37
V705076		0.31	<10	<10	72	<10	339
V705077		0.26	<10	<10	59	<10	151
V705078		0.16	<10	<10	31	<10	161
V705079		0.07	<10	<10	14	<10	732
V705080		0.13	<10	<10	27	<10	245

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235093

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
V705081		1.13	0.005	<0.5	2.67	5	350	<0.5	<2	0.21	0.6	8	39	107	2.65	10
V705082		1.09	0.012	<0.5	4.11	<5	700	0.6	<2	2.19	2.2	11	43	314	4.52	10
V705083		3.46	0.012	<0.5	3.46	19	690	<0.5	<2	0.16	0.6	25	37	111	3.59	10
V705084		1.11	0.010	<0.5	1.93	<5	510	<0.5	<2	0.14	0.9	50	19	317	3.19	<10
V705085		2.26	0.013	<0.5	2.18	6	470	<0.5	<2	0.12	0.5	20	28	130	2.55	10
V705086		0.99	0.005	<0.5	1.74	<5	190	<0.5	<2	0.37	<0.5	9	20	49	2.71	<10
V705087		1.17	0.008	<0.5	2.76	<5	370	0.5	<2	0.15	<0.5	8	44	17	2.94	10
V705088		2.31	<0.005	<0.5	6.49	8	1240	1.2	<2	0.28	<0.5	17	72	20	4.59	20
V705089		2.14	0.010	<0.5	5.64	9	1210	0.7	<2	0.33	<0.5	13	58	7	3.94	10
V705090		2.15	0.008	<0.5	8.28	<5	1000	1.7	<2	0.39	<0.5	16	88	5	5.52	20
V705091		2.14	0.013	<0.5	7.15	5	880	1.5	<2	0.37	<0.5	20	79	29	6.34	20
V705092		2.09	0.011	<0.5	6.44	<5	980	1.4	<2	0.41	<0.5	14	64	88	5.47	20
V705093		2.21	0.007	<0.5	7.83	<5	970	2.0	3	0.41	<0.5	14	86	45	6.28	20
V705094		2.03	0.010	<0.5	8.50	<5	870	2.0	5	0.35	<0.5	17	90	19	6.24	20
V705095		0.12	0.057	1.1	1.51	<5	20	<0.5	<2	1.00	0.5	346	2510	4330	17.25	<10
V705096		2.12	0.014	<0.5	7.97	<5	660	1.7	4	0.45	<0.5	14	86	13	6.13	20
V705097		2.16	0.014	<0.5	5.96	<5	690	1.3	<2	0.52	<0.5	20	63	111	5.54	10
V705098		2.20	<0.005	<0.5	7.18	<5	810	1.5	<2	0.41	<0.5	18	76	64	5.35	20
V705099		2.24	0.007	<0.5	6.69	<5	810	1.3	3	0.52	<0.5	14	71	63	5.57	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235093

Description échantillon	Méthode élément unités LDI	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	Ni-OG62 Ni % 0.001	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
V705081		0.73	10	0.53	705	<1	0.46	6		80	<2	0.06	<5	3	21	<20
V705082		1.69	20	0.96	1600	<1	0.35	12		100	5	0.19	<5	5	61	<20
V705083		1.24	10	0.82	922	<1	0.47	8		70	<2	0.20	<5	3	22	<20
V705084		0.82	10	0.41	534	<1	0.19	5		50	3	0.97	<5	2	15	<20
V705085		0.90	10	0.50	560	<1	0.07	5		50	<2	0.45	<5	2	12	<20
V705086		0.44	10	0.49	576	<1	0.26	6		30	<2	0.39	<5	2	22	<20
V705087		0.80	10	0.66	511	<1	0.39	11		30	<2	0.18	<5	3	20	<20
V705088		2.25	20	0.94	1090	<1	1.35	25		150	<2	0.12	<5	8	55	<20
V705089		1.63	20	0.68	1270	<1	1.89	20		120	3	0.01	<5	7	69	<20
V705090		3.15	30	1.08	1495	1	1.15	36		200	8	0.07	<5	11	59	<20
V705091		2.54	20	1.05	1850	1	0.83	33		190	4	0.59	<5	9	48	<20
V705092		2.69	20	0.81	1455	1	0.53	23		300	17	1.29	<5	8	40	<20
V705093		3.33	30	1.06	1475	1	0.43	29		600	6	0.84	<5	11	39	<20
V705094		3.34	30	1.20	1570	<1	0.85	38		260	2	0.48	<5	11	48	<20
V705095		0.03	<10	16.50	1005	<1	0.13	>10000	1.575	60	17	6.86	<5	10	7	<20
V705096		2.40	30	1.10	1785	<1	1.52	43		200	4	0.18	<5	11	64	<20
V705097		2.37	20	0.75	800	<1	0.83	23		160	5	1.55	<5	7	41	<20
V705098		2.27	20	0.98	1425	<1	1.58	27		160	4	0.63	<5	9	52	<20
V705099		1.92	20	0.89	1645	1	1.73	25		150	6	1.06	<5	8	53	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235093

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
V705081		0.08	<10	<10	17	<10	289
V705082		0.15	<10	<10	29	<10	751
V705083		0.10	<10	<10	20	<10	223
V705084		0.04	<10	<10	9	<10	271
V705085		0.05	<10	<10	11	<10	129
V705086		0.04	<10	<10	11	<10	57
V705087		0.10	<10	<10	19	<10	72
V705088		0.25	<10	<10	52	<10	92
V705089		0.20	<10	<10	41	<10	103
V705090		0.32	<10	<10	70	<10	25
V705091		0.26	<10	<10	62	<10	25
V705092		0.23	<10	<10	45	<10	17
V705093		0.31	<10	<10	69	<10	18
V705094		0.35	<10	<10	75	<10	20
V705095		0.10	<10	<10	75	<10	92
V705096		0.32	<10	<10	69	<10	19
V705097		0.22	<10	<10	46	<10	12
V705098		0.28	<10	<10	60	<10	17
V705099		0.24	<10	<10	54	<10	17

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235093

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au-AA23	BAG-01	CRU-32	CRU-QC
	DRY-22	LOG-21	LOG-23	PUL-32
	PUL-QC	SPL-21	WEI-21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	ME-ICP61	ME-OG62	Ni-OG62

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
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Finalisée date: 10-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19235793

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 25 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 19-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
SCR-21	Filtrer à -100 - 106 um
PUL-21	Pulvériser échantillon entier
CRU-32	Granulation 90 % <2 mm
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
SPL-21	Échant. fractionné - div. riffles
LOG-21	Entrée échantillon - Code barre client

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-SCR21	Au essai pyro filtre - 100 - 106 um	WST-SIM
Au-AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au-AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 10-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235793

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
V705104		0.73	<0.05	<0.05	<0.05	<0.001	55.47	614.4	0.01	0.02
V705105		0.89	<0.05	<0.05	<0.05	<0.001	73.56	815.6	0.02	0.01
V705106		1.53	0.47	1.22	0.39	0.191	156.00	1350.0	0.25	0.52
V705107		0.66	0.49	1.91	0.28	0.165	86.28	569.6	0.18	0.37
V705108		1.11	0.94	4.65	0.55	0.482	103.75	987.5	0.45	0.65
V705109		1.92	1.33	4.49	1.05	0.647	143.95	1617.5	1.12	0.98
V705110		1.74	1.58	2.24	1.52	0.292	130.40	1556.5	1.46	1.58
V705111		2.31	0.10	<0.05	0.11	<0.001	141.80	2119	0.09	0.13
V705186		2.50	0.10	<0.05	0.11	<0.001	133.90	2312	0.01	0.20
V705187		2.20	<0.05	<0.05	<0.05	<0.001	101.40	1898.5	<0.01	<0.01
V705188		1.71	<0.05	<0.05	<0.05	<0.001	132.40	1544.0	0.01	0.01
V705189		1.53	0.05	<0.05	0.06	<0.001	130.10	1390.0	0.04	0.08
V705190		1.04	0.74	0.72	0.75	0.084	116.55	913.3	0.72	0.77
V705191		0.88	5.00	19.85	3.60	1.543	77.67	827.6	3.81	3.39
V705192		0.90	6.78	26.3	4.47	2.561	97.27	822.3	3.83	5.10
V705193		1.15	2.98	6.51	2.52	0.881	135.25	1033.5	2.76	2.27
V705194		1.16	2.86	6.79	2.49	0.699	102.95	1078.5	2.27	2.70
V705195		1.47	3.66	25.2	1.37	3.628	144.15	1348.0	1.22	1.51
V705196		1.84	0.73	2.87	0.55	0.412	143.50	1699.5	0.53	0.57
V705197		0.89	0.34	0.68	0.31	0.063	92.10	818.5	0.27	0.34
V705198		1.42	1.13	3.52	0.87	0.509	144.65	1292.5	0.97	0.76
V705199		0.70	1.27	4.30	0.77	0.444	103.35	623.2	0.68	0.86
V705200		1.72	0.34	0.68	0.31	0.099	145.00	1585.5	0.20	0.42
V705201		1.25	<0.05	<0.05	<0.05	<0.001	109.10	1163.0	0.03	0.04
V705202		2.46	0.17	0.88	0.13	0.120	135.90	2189	0.14	0.12

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 10-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235793

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au-AA25	Au-AA25D	Au-SCR21	BAG-01
CRU-32	CRU-QC	LOG-21	PUL-21
PUL-QC	SCR-21	SPL-21	WEI-21

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 11-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19235823

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 95 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
DRY-22	Séchage - Temp. max. 60 C
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS
Au-GRA21	Au 30 g fini FA-GRAV	WST-SIM

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Saa Traxler, General Manager, North Vancouver

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Finalisée date: 11-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235823

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
V705100		0.11	<0.005			
V705101		3.46	<0.005		90.1	97.9
V705102		2.23	<0.005			
V705103		0.99	<0.005			
V705112		2.30	0.194			
V705113		2.12	0.076			
V705114		2.18	0.030			
V705115		1.11	0.230		95.4	89.6
V705116		1.81	0.066			90.7
V705117		2.10	0.007			
V705118		1.84	0.022			
V705119		1.14	0.118			
V705120		0.11	4.22			
V705121		1.11	0.049			
V705122		1.44	0.040			
V705123		1.09	0.015			
V705124		0.76	<0.005			
V705125		1.20	0.759			
V705126		2.06	<0.005			
V705127		2.30	<0.005			
V705128		2.39	<0.005			
V705129		2.36	<0.005			
V705130		2.22	<0.005			
V705131		2.17	<0.005			
V705132		2.35	<0.005			
V705133		2.31	<0.005			
V705134		1.83	0.031			
V705135		1.05	0.130			
V705136		1.68	0.243			
V705137		2.33	0.010			
V705138		2.33	<0.005			
V705139		2.36	<0.005			
V705140		0.11	0.006			
V705141		2.34	<0.005			
V705142		2.00	0.005			
V705143		1.54	0.209			
V705144		1.31	6.86	6.13		
V705145		2.90	0.120			
V705146		1.43	0.006			
V705147		0.79	0.011		95.0	94.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
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ROSEMÈRE QC J7A 2H1

Finalisée date: 11-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235823

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
V705148		2.15	<0.005			
V705149		1.92	<0.005			
V705150		1.21	<0.005			
V705151		3.62	<0.005			
V705152		2.35	<0.005			
V705153		2.19	0.007			
V705154		2.42	0.011			
V705155		2.37	<0.005			
V705156		2.22	<0.005			
V705157		2.01	<0.005			
V705158		2.06	<0.005			
V705159		2.34	<0.005			
V705160		0.11	4.28			
V705161		2.63	<0.005			
V705162		1.91	<0.005			
V705163		1.97	<0.005			
V705164		2.87	<0.005			
V705165		2.70	<0.005			
V705166		3.14	<0.005		95.8	
V705167		3.03	<0.005			
V705168		3.02	0.005			
V705169		2.32	0.007			
V705170		2.16	0.005			
V705171		1.52	<0.005			
V705172		0.61	<0.005			
V705173		1.86	<0.005			
V705174		1.98	<0.005			
V705175		3.01	<0.005			
V705176		2.96	<0.005			
V705177		2.91	<0.005			
V705178		2.35	<0.005		90.6	
V705179		0.90	<0.005			
V705180		1.86	<0.005			
V705181		2.18	<0.005			
V705182		2.21	<0.005			
V705183		0.11	<0.005			
V705184		3.52	<0.005			
V705185		2.09	<0.005			91.2
V705203		0.11	4.38			
V705204		1.51	0.098		91.8	90.8

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Finalisée date: 11-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235823

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
V705205		2.81	0.457			
V705206		2.11	0.706			
V705207		2.14	0.131			
V705208		2.22	0.142			
V705209		2.33	<0.005			
V705210		2.17	<0.005			
V705211		2.18	<0.005			
V705212		2.13	0.018			
V705213		2.29	0.006			
V705214		3.12	<0.005			
V705215		1.18	<0.005			
V705216		3.13	<0.005			
V705217		2.83	<0.005			
V705218		3.51	<0.005			
V705219		3.67	<0.005			

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19235823

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU-32	CRU-QC	DRY-22	LOG-21
	LOG-23	PUL-32	PUL-QC	SPL-21
	WEI-21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
	Au-AA23	Au-GRA21

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 3-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19236080

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 42 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
LOG-23	Entrée pulpe - Reçu avec code barre
SCR-21	Filtrer à -100 - 106 um
CRU-32	Granulation 90 % <2 mm
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-21	Pulvériser échantillon entier
SPL-21	Échant. fractionné - div. riffles
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-SCR21	Au essai pyro filtre - 100 - 106 um	WST-SIM
Au-AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au-AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 3-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19236080

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
V705223		1.51	<0.05	<0.05	<0.05	<0.001	<0.01	1387.5	0.01	<0.01
V705224		0.79	<0.05	<0.05	<0.05	<0.001	<0.01	768.9	0.01	<0.01
V705225		1.23	0.09	<0.05	0.09	<0.001	<0.01	1195.5	0.11	0.07
V705226		1.07	<0.05	<0.05	<0.05	<0.001	<0.01	1043.5	<0.01	0.01
V705227		1.69	<0.05	<0.05	<0.05	<0.001	<0.01	1664.0	0.01	<0.01
V705228		1.15	<0.05	<0.05	<0.05	<0.001	<0.01	1118.5	0.02	<0.01
V705229		1.37	0.24	<0.05	0.24	<0.001	<0.01	1340.5	0.10	0.37
V705230		1.51	0.10	<0.05	0.10	<0.001	<0.01	1483.0	0.11	0.08
V705231		1.63	0.54	<0.05	0.54	<0.001	<0.01	1606.5	0.46	0.62
V705232		0.78	0.31	<0.05	0.31	<0.001	<0.01	755.8	0.32	0.29
V705233		0.98	0.17	<0.05	0.17	<0.001	<0.01	949.1	0.21	0.13
V705234		1.95	<0.05	<0.05	<0.05	<0.001	<0.01	1879.5	<0.01	0.04
V705235		1.08	0.23	<0.05	0.23	<0.001	<0.01	1055.5	0.18	0.28
V705236		1.30	<0.05	<0.05	<0.05	<0.001	<0.01	1273.5	0.03	0.03
V705237		1.90	0.10	<0.05	0.10	<0.001	<0.01	1865.0	0.06	0.14
V705238		1.88	<0.05	<0.05	<0.05	<0.001	<0.01	1848.5	0.01	<0.01
V705289		0.94	0.57	<0.05	0.57	<0.001	<0.01	919.4	0.59	0.54
V705290		1.19	<0.05	<0.05	<0.05	<0.001	<0.01	1163.5	0.01	0.02
V705291		1.28	<0.05	<0.05	<0.05	<0.001	<0.01	1258.0	0.02	0.02
V705292		0.97	<0.05	<0.05	<0.05	<0.001	<0.01	948.6	<0.01	0.02
V705293		1.46	<0.05	<0.05	<0.05	<0.001	<0.01	1407.5	<0.01	0.01
V705294		1.44	0.09	<0.05	0.09	<0.001	<0.01	1410.5	<0.01	0.17
V705295		0.78	0.05	<0.05	0.05	<0.001	<0.01	743.5	0.08	0.02
V705296		0.92	0.55	<0.05	0.55	<0.001	<0.01	888.0	0.48	0.61
V705297		0.61	1.14	<0.05	1.14	<0.001	<0.01	587.4	0.99	1.29
V705298		0.81	0.07	<0.05	0.07	<0.001	<0.01	775.1	0.10	0.03
V705300		1.08	0.06	<0.05	0.06	<0.001	<0.01	1053.5	0.04	0.07
V705301		0.86	<0.05	<0.05	<0.05	<0.001	<0.01	1472.0	<0.01	0.02
V705302		0.79	<0.05	<0.05	<0.05	<0.001	<0.01	840.0	<0.01	<0.01
V705303		1.25	<0.05	<0.05	<0.05	<0.001	<0.01	1227.0	0.02	0.04
V705304		1.50	<0.05	<0.05	<0.05	<0.001	<0.01	765.7	<0.01	0.01
V705305		0.51	0.05	<0.05	0.05	<0.001	<0.01	489.9	0.08	0.01
V705306		1.35	<0.05	<0.05	<0.05	<0.001	<0.01	1311.0	<0.01	0.01
V705307		1.55	<0.05	<0.05	<0.05	<0.001	<0.01	1496.0	<0.01	0.02
V705308		1.43	<0.05	<0.05	<0.05	<0.001	<0.01	1397.0	<0.01	<0.01
V705309		1.35	<0.05	<0.05	<0.05	<0.001	<0.01	1317.5	<0.01	0.01
V705362		1.19	<0.05	<0.05	<0.05	<0.001	<0.01	1171.5	<0.01	0.01
V705363		1.25	<0.05	<0.05	<0.05	<0.001	<0.01	1221.0	<0.01	0.01
V705364		1.46	<0.05	<0.05	<0.05	<0.001	<0.01	1437.5	0.03	0.02
V705365		0.10							<0.01	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 3-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19236080

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
V705366		1.17	0.12	<0.05	0.12	<0.001	<0.01	1115.5	0.08	0.16
V705367		1.67	<0.05	<0.05	<0.05	<0.001	<0.01	1646.0	0.02	0.01

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Finalisée date: 3-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19236080

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au-AA25	Au-AA25D	Au-SCR21	BAG-01
CRU-32	CRU-QC	LOG-21	LOG-23
PUL-21	PUL-QC	SCR-21	SPL-21
WEI-21			

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 21-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19236179

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 131 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
DRY-22	Séchage - Temp. max. 60 C
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 21-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19236179

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
V705220		0.11	<0.005
V705221		3.54	0.006
V705222		3.34	<0.005
V705239		2.49	0.010
V705240		0.11	0.494
V705241		2.76	0.006
V705242		2.69	0.020
V705243		1.45	0.005
V705244		1.17	0.213
V705245		1.17	0.090
V705246		1.16	0.034
V705247		1.68	<0.005
V705248		0.93	0.005
V705249		1.17	0.030
V705250		2.41	<0.005
V705251		0.88	0.151
V705252		1.91	0.008
V705253		0.92	0.017
V705254		1.71	0.005
V705255		2.16	<0.005
V705256		1.07	0.537
V705257		2.90	0.023
V705258		2.91	<0.005
V705259		1.04	0.014
V705260		0.11	<0.005
V705261		1.16	0.005
V705262		1.94	0.012
V705263		1.56	0.046
V705264		0.83	0.006
V705265		2.45	<0.005
V705266		2.63	0.011
V705267		2.13	0.014
V705268		1.18	<0.005
V705269		2.72	0.010
V705270		3.77	0.006
V705271		1.47	0.014
V705272		2.36	0.006
V705273		3.01	<0.005
V705274		2.58	<0.005
V705275		1.59	0.006

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 21-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19236179

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
V705276		2.42	0.006
V705277		3.89	0.008
V705278		3.83	0.024
V705279		0.12	<0.005
V705280		2.12	<0.005
V705281		1.91	<0.005
V705282		2.82	<0.005
V705283		2.10	<0.005
V705284		1.95	<0.005
V705285		0.96	0.007
V705286		2.76	<0.005
V705287		2.66	<0.005
V705288		2.56	<0.005
V705299		0.11	0.501
V705310		1.47	0.005
V705311		1.04	<0.005
V705312		1.96	<0.005
V705313		2.12	<0.005
V705314		1.06	<0.005
V705315		0.87	<0.005
V705316		0.64	0.016
V705317		1.51	<0.005
V705318		0.98	0.006
V705319		0.11	<0.005
V705320		1.79	0.011
V705321		1.07	<0.005
V705322		1.10	<0.005
V705323		2.12	0.005
V705324		3.32	<0.005
V705325		0.11	<0.005
V705326		3.24	<0.005
V705327		2.66	<0.005
V705328		2.39	0.006
V705329		1.61	<0.005
V705330		1.67	0.018
V705331		1.90	0.009
V705332		2.65	0.039
V705333		1.38	0.008
V705334		2.75	0.021
V705335		1.94	<0.005

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 21-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19236179

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
V705336		2.08	<0.005
V705337		2.40	0.006
V705338		3.12	<0.005
V705339		3.30	<0.005
V705340		2.54	<0.005
V705341		3.30	<0.005
V705342		2.31	<0.005
V705343		1.95	<0.005
V705344		0.78	0.021
V705345		0.11	0.474
V705346		0.95	0.014
V705347		2.11	0.007
V705348		2.29	<0.005
V705349		2.57	0.029
V705350		3.18	<0.005
V705351		3.16	<0.005
V705352		2.35	<0.005
V705353		3.08	<0.005
V705354		2.79	0.013
V705355		1.97	<0.005
V705356		1.90	<0.005
V705357		1.63	0.010
V705358		2.11	0.006
V705359		2.21	<0.005
V705360		1.65	<0.005
V705361		1.58	<0.005
V705368		1.72	<0.005
V705369		1.60	<0.005
V705370		1.48	<0.005
V705371		1.91	<0.005
V705372		1.79	0.078
V705373		1.46	0.005
V705374		1.62	0.116
V705375		1.71	<0.005
V705376		1.31	0.122
V705377		1.46	<0.005
V705378		2.21	<0.005
V705379		2.22	<0.005
V705380		2.23	<0.005
V705381		1.28	<0.005

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
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plus les pages d'annexe
Finalisée date: 21-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19236179

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
V705382		0.86	<0.005
V705383		2.20	<0.005
V705384		2.45	<0.005
V705385		0.11	0.480
V705386		2.98	<0.005
V705387		1.46	<0.005
V705388		3.18	<0.005
V705389		3.31	<0.005
V705390		1.87	<0.005
V705391		2.15	<0.005
V705392		2.67	<0.005

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 21-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19236179

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au-AA23	BAG-01	CRU-32	CRU-QC
DRY-22	LOG-21	LOG-23	PUL-32
PUL-QC	SPL-21	WEI-21	

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 29-SEPT-2019
Compte: MIDEXP

CERTIFICAT VO19237975

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 15 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 23-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
LOG-21	Entrée échantillon - Code barre client
PUL-21	Pulvériser échantillon entier
SCR-21	Filtrer à -100 - 106 um
DRY-22	Séchage - Temp. max. 60 C
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-SCR21	Au essai pyro filtre - 100 - 106 um	WST-SIM
Au-AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au-AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 29-SEPT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19237975

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
V705464		1.53	<0.05	<0.05	<0.05	<0.001	46.82	555.0	0.01	0.01
V705465		1.36	<0.05	<0.05	<0.05	<0.001	65.22	547.2	<0.01	0.01
V705466		1.17	<0.05	<0.05	<0.05	<0.001	59.65	562.6	<0.01	0.01
V705467		0.80	<0.05	<0.05	<0.05	<0.001	51.53	472.6	<0.01	0.01
V705468		1.02	<0.05	<0.05	<0.05	<0.001	54.19	454.2	0.01	<0.01
V705469		1.97	<0.05	<0.05	<0.05	<0.001	51.36	966.5	<0.01	0.01
V705470		1.48	<0.05	<0.05	<0.05	<0.001	17.81	767.0	<0.01	<0.01
V705471		1.10	<0.05	<0.05	<0.05	<0.001	28.14	740.7	<0.01	0.01
V705472		0.86	<0.05	<0.05	<0.05	<0.001	23.68	809.9	0.01	0.01
V705473		1.54	0.19	1.08	0.16	0.037	34.27	907.2	0.17	0.14
V705474		1.38	0.23	0.26	0.23	0.011	42.81	916.7	0.18	0.27
V705475		2.39	<0.05	<0.05	<0.05	<0.001	36.20	949.0	0.02	0.05
V705476		1.38	0.31	0.79	0.26	0.048	60.89	524.8	0.32	0.20
V705477		1.91	0.39	1.00	0.30	0.080	80.16	540.0	0.27	0.32
V705478		2.98	0.06	0.40	<0.05	0.025	62.94	852.3	0.03	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 29-SEPT-2019
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Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19237975

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au-AA25	Au-AA25D	Au-SCR21	BAG-01
CRU-32	CRU-QC	DRY-22	LOG-21
PUL-21	PUL-QC	SCR-21	SPL-21
WEI-21			

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 9-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19238158

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 16 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 23-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
DRY-22	Séchage - Temp. max. 60 C
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: **EXPLORATION MIDLAND INC**
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ROSEMÈRE QC J7A 2H1

Finalisée date: 9-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19238158

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
V705461		0.12	0.495
V705462		3.67	0.017
V705463		2.42	0.071
V705479		2.81	0.056
V705480		1.62	0.049
V705481		0.11	0.497
V705482		2.01	0.007
V705483		1.39	0.007
V705484		2.28	<0.005
V705485		1.33	<0.005
V705486		2.32	0.006
V705487		1.11	0.048
V705488		1.09	0.046
V705489		2.20	0.019
V705490		2.07	0.019
V705491		2.06	0.014

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19238158

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au-AA23	BAG-01	CRU-32	CRU-QC
DRY-22	LOG-21	LOG-23	PUL-32
PUL-QC	SPL-21	WEI-21	

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 14-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19238188

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 7 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 23-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
CRU-32	Granulation 90 % <2 mm
DRY-22	Séchage - Temp. max. 60 C
LOG-21	Entrée échantillon - Code barre client
PUL-21	Pulvériser échantillon entier
SPL-21	Échant. fractionné - div. riffles
SCR-21	Filtrer à -100 - 106 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-SCR21	Au essai pyro filtre - 100 - 106 um	WST-SIM
Au-AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au-AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 14-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19238188

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
V705409		1.15	<0.05	<0.05	<0.05	<0.001	77.21	739.5	0.01	<0.01
V705410		2.03	0.86	3.69	0.55	0.272	73.73	668.3	0.57	0.52
V705438		0.84	<0.05	<0.05	<0.05	<0.001	71.88	562.8	<0.01	<0.01
V705439		1.26	<0.05	<0.05	<0.05	<0.001	69.06	652.2	0.01	<0.01
V705440		0.92	<0.05	<0.05	<0.05	<0.001	76.15	609.6	<0.01	0.01
V705441		0.80	<0.05	<0.05	<0.05	<0.001	81.97	693.9	<0.01	<0.01
V705442		2.12	<0.05	0.43	<0.05	0.034	79.02	745.2	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14-OCT-2019
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Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19238188

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au-AA25	Au-AA25D	Au-SCR21	BAG-01
CRU-32	CRU-QC	DRY-22	LOG-21
PUL-21	PUL-QC	SCR-21	SPL-21
WEI-21			

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Finalisée date: 18-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19238203

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 61 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 23-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
DRY-22	Séchage - Temp. max. 60 C
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Saa Traxler, General Manager, North Vancouver

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Finalisée date: 18-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19238203

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
V705393		0.10	<0.005
V705394		3.24	<0.005
V705395		1.89	<0.005
V705396		2.10	<0.005
V705397		1.60	<0.005
V705398		2.95	<0.005
V705399		2.29	<0.005
V705400		1.78	<0.005
V705401		2.40	<0.005
V705402		3.05	<0.005
V705403		2.47	<0.005
V705404		2.95	<0.005
V705405		3.37	<0.005
V705406		3.03	<0.005
V705407		1.77	<0.005
V705408		2.11	<0.005
V705411		2.10	0.007
V705412		1.30	<0.005
V705413		1.05	0.009
V705414		0.99	<0.005
V705415		1.71	0.241
V705416		1.95	<0.005
V705417		2.24	0.062
V705418		2.37	0.197
V705419		2.34	<0.005
V705420		1.42	<0.005
V705421		1.56	<0.005
V705422		1.62	<0.005
V705423		2.44	<0.005
V705424		3.58	0.006
V705425		3.21	0.006
V705426		2.64	<0.005
V705427		3.61	0.010
V705428		1.18	<0.005
V705429		0.11	<0.005
V705430		3.50	<0.005
V705431		2.37	<0.005
V705432		1.05	<0.005
V705433		1.97	<0.005
V705434		1.52	<0.005

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19238203

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005
V705435		1.43	<0.005
V705436		0.81	<0.005
V705437		1.23	<0.005
V705443		2.40	<0.005
V705444		2.21	<0.005
V705445		1.99	<0.005
V705446		2.44	<0.005
V705447		0.93	<0.005
V705448		1.09	<0.005
V705449		0.09	0.471
V705450		2.49	<0.005
V705451		2.42	<0.005
V705452		3.46	<0.005
V705453		2.06	<0.005
V705454		1.10	<0.005
V705455		2.61	<0.005
V705456		2.07	<0.005
V705457		2.28	<0.005
V705458		2.37	<0.005
V705459		2.57	<0.005
V705460		1.54	<0.005

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19238203

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23

Applique à la Méthode: Traité à ALS Timmins, Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

CRU-32	CRU-QC	DRY-22	LOG-21
LOG-23	PUL-32	PUL-QC	SPL-21
WEI-21			

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 11-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19240495

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 21 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 25-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
SCR-21	Filtrer à -100 - 106 um
CRU-32	Granulation 90 % <2 mm
LOG-21	Entrée échantillon - Code barre client
SPL-21	Échant. fractionné - div. riffles
PUL-21	Pulvériser échantillon entier
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-SCR21	Au essai pyro filtre - 100 - 106 um	WST-SIM
Au-AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au-AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 11-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19240495

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
V705499		3.16	<0.05	<0.05	<0.05	<0.001	97.99	3000	0.03	0.03
V705500		1.89	<0.05	<0.05	<0.05	<0.001	98.65	1753.5	0.03	0.05
V705501		1.08	2.02	10.30	1.66	0.455	44.09	1005.5	1.29	2.03
V705502		1.70	2.26	8.17	1.91	0.764	93.47	1567.0	2.09	1.73
V705503		1.38	2.94	23.2	2.17	1.156	49.77	1301.5	1.77	2.56
V705504		2.04	3.28	2.63	3.32	0.289	110.00	1898.5	3.16	3.48
V705505		1.40	2.80	1.69	2.90	0.177	104.45	1265.0	3.30	2.49
V705506		1.08	5.57	17.10	4.32	1.782	104.15	959.5	3.29	5.35
V705507		1.62	2.54	14.45	1.83	1.306	90.36	1501.0	1.16	2.49
V705508		1.70	<0.05	0.15	<0.05	0.017	111.25	1539.5	0.02	0.03
V705509		1.01	<0.05	<0.05	<0.05	<0.001	45.53	946.7	0.02	0.02
V705510		2.18	0.07	0.27	0.06	0.039	143.80	2003	0.06	0.06
V705511		1.58	<0.05	<0.05	<0.05	<0.001	148.15	1393.5	0.04	0.03
V705513		0.97	0.33	1.61	0.22	0.123	76.17	880.0	0.13	0.31
V705514		1.44	2.28	2.02	2.31	0.293	145.35	1266.5	2.33	2.28
V705515		1.43	0.12	<0.05	0.13	<0.001	139.25	1266.0	0.11	0.15
V705516		0.96	0.52	2.06	0.38	0.172	83.68	854.6	0.45	0.30
V705517		1.66	3.09	6.62	2.75	0.955	144.20	1480.0	2.17	3.32
V705518		1.11	2.11	4.74	1.89	0.408	86.13	1009.0	2.19	1.59
V705519		2.34	2.75	5.89	2.54	0.853	144.75	2159	2.17	2.91
V705520		2.24	<0.05	<0.05	<0.05	<0.001	141.35	2049	0.03	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 11-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19240495

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au-AA25	Au-AA25D	Au-SCR21	BAG-01
CRU-32	CRU-QC	LOG-21	PUL-21
PUL-QC	SCR-21	SPL-21	WEI-21

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 22-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19240503

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 30 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 25-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
DRY-22	Séchage - Temp. max. 60 C
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Saa Traxler, General Manager, North Vancouver

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 22-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19240503

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
V705492		0.39	<0.005	96.4	96.0
V705493		2.95	0.009		96.2
V705494		2.94	<0.005		
V705495		3.22	<0.005		
V705496		3.06	<0.005		
V705497		1.31	<0.005		
V705498		2.51	<0.005		
V705512		0.11	0.455		
V705521		1.91	<0.005		
V705522		1.97	<0.005		
V705523		2.24	0.015		
V705524		2.34	0.106		
V705525		2.02	0.069		
V705526		2.39	0.103		
V705527		1.95	0.008		
V705528		1.44	<0.005		
V705529		0.94	<0.005		
V705530		3.04	<0.005		
V705531		2.94	<0.005		
V705532		0.44	<0.005		
V705533		2.42	<0.005		
V705534		2.77	<0.005		
V705535		1.47	<0.005		
V705536		1.84	<0.005		
V705537		2.00	0.006		
V705538		2.28	0.008		
V705539		2.09	<0.005		
V705540		2.20	0.010		
V705541		2.94	0.005		
V705542		3.66	0.005		

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 22-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19240503

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU-32	CRU-QC	DRY-22	LOG-21
	LOG-23	PUL-32	PUL-QC	SPL-21
	WEI-21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	Au-AA23

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 22-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19244374

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 43 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 25-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-21	Entrée échantillon - Code barre client
DRY-22	Séchage - Temp. max. 60 C
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME-ICP06	Roche entière - ICP-AES	ICP-AES
OA-GRA05	Perte par calcination à 1 000 C	WST-SEQ
ME-MS81	Fusion Lithium Borate ICP-MS	ICP-MS
TOT-ICP06		

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Saa Traxler, General Manager, North Vancouver

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 22-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19244374

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2
S437901		0.31	307	118.0	140	1.58	4.07	2.06	1.67	16.3	6.34	4.3	0.82	61.6	0.27	33.3
S437902		0.35	104.0	24.5	80	1.99	2.17	1.42	0.59	14.4	2.26	1.7	0.46	14.7	0.31	12.9
S437903		0.30	580	102.5	150	3.87	4.27	2.24	2.00	22.5	6.11	5.4	0.86	52.9	0.27	45.4
S437904		0.35	173.0	74.3	110	3.33	3.77	2.17	1.50	18.7	4.45	3.8	0.76	41.1	0.44	34.5
S437905		0.29	620	65.1	120	4.87	2.26	1.32	0.94	22.6	2.88	3.4	0.42	32.0	0.17	10.1
S437906		0.14	374	11.6	40	0.57	0.42	0.17	0.13	4.1	0.50	2.0	0.06	4.7	0.03	1.2
S437907		0.30	410	41.2	30	0.18	2.22	1.31	0.72	8.7	2.85	2.0	0.46	22.5	0.12	3.9
S437908		0.18	21.7	31.0	10	0.06	10.45	6.63	2.00	19.0	9.47	5.3	2.26	12.1	0.97	9.2
S437909		0.32	148.0	14.7	10	2.56	5.85	3.39	1.17	19.7	4.81	2.3	1.17	6.1	0.55	4.2
S437910		0.32	128.5	15.6	10	2.56	6.04	3.76	1.33	19.7	5.00	3.3	1.27	6.2	0.56	4.8
S437911		0.37	26.6	32.9	10	0.19	10.70	7.24	2.30	19.9	9.34	7.6	2.38	13.0	1.08	12.2
S437912		0.29	217	25.5	10	4.25	8.81	5.52	2.07	20.1	7.68	4.1	1.88	10.0	0.88	8.3
S437913		0.33	44.4	9.5	10	0.64	3.56	2.36	0.78	17.3	2.97	1.9	0.78	3.9	0.30	3.2
S437914		0.35	16.9	36.1	10	0.18	10.85	6.78	2.44	23.1	9.76	5.5	2.19	14.6	1.00	10.0
S437915		0.31	231	25.4	10	3.85	8.15	4.85	1.67	19.1	6.94	3.7	1.63	9.6	0.73	7.2
S437916		0.29	218	15.5	10	3.86	5.48	3.40	1.34	21.9	4.34	2.9	1.10	6.2	0.52	6.2
S437917		0.33	17.6	10.0	<10	0.17	4.17	2.66	0.96	18.5	3.59	1.6	0.90	4.4	0.35	3.2
S437918		0.30	15.3	8.2	20	0.10	3.25	2.14	0.85	17.0	2.74	1.2	0.67	3.1	0.30	2.6
S437919		0.29	173.5	33.3	10	6.39	11.25	7.60	2.00	20.6	10.40	6.6	2.60	13.1	1.12	9.9
S437920		0.27	193.5	30.2	10	5.50	10.00	6.33	2.21	21.7	8.99	6.0	2.10	11.7	0.88	8.0
S437921		0.30	223	21.9	10	5.91	7.67	5.31	1.82	21.2	6.96	3.8	1.62	8.3	0.73	7.8
S437922		0.27	126.5	14.0	10	3.25	4.93	2.99	1.09	19.4	3.99	2.2	1.00	5.4	0.42	4.6
S437923		0.27	55.1	42.3	10	4.67	8.28	4.75	2.13	26.8	7.29	4.1	1.73	20.3	0.71	6.9
S437924		0.27	200	17.5	<10	3.76	5.85	3.92	1.39	18.1	5.28	3.0	1.31	6.8	0.61	5.5
S437925		0.27	19.8	28.7	10	0.17	8.94	5.77	1.43	13.5	8.34	4.3	1.95	11.3	0.76	8.6
S437926		0.31	198.5	32.9	10	4.30	11.10	6.68	2.22	21.8	9.34	5.6	2.27	12.4	0.98	9.5
S437927		0.28	28.6	27.8	10	0.61	9.25	5.77	1.87	21.6	8.48	4.7	1.96	10.7	0.70	9.9
S437928		0.33	315	18.6	10	6.72	6.99	4.12	1.49	19.7	5.77	2.9	1.47	7.4	0.66	6.9
S437929		0.35	232	15.3	<10	4.81	6.23	3.56	1.46	18.7	4.71	2.7	1.20	6.1	0.55	6.4
S437930		0.31	263	14.9	10	6.00	5.66	3.67	1.32	20.4	4.90	2.3	1.13	6.0	0.59	5.2
S437931		0.30	10.4	6.0	130	0.15	2.52	1.65	0.60	15.1	2.14	0.9	0.50	2.5	0.22	1.7
S437932		0.30	351	28.0	10	7.24	8.58	5.00	1.89	16.9	8.40	3.0	1.77	10.6	0.65	14.7
S437933		0.29	20.8	14.2	10	0.25	5.18	3.35	1.19	22.5	4.89	2.6	1.09	5.7	0.52	4.6
S437934		0.29	145.5	14.1	<10	3.43	5.92	3.36	1.28	18.5	4.54	2.7	1.21	5.4	0.47	5.5
S437935		0.36	98.8	13.3	10	1.76	5.17	3.46	1.29	20.3	4.21	2.2	1.12	5.4	0.53	4.5
S437936		0.22	45.7	70.5	10	0.60	21.8	12.20	3.58	19.2	20.1	12.9	4.33	26.5	1.53	12.6
S437937		0.35	36.7	42.1	20	0.21	12.65	7.96	2.25	21.2	10.20	6.1	2.57	17.2	1.11	11.0
S437938		0.28	24.5	31.4	10	0.36	10.35	6.70	2.12	21.6	9.73	5.7	2.29	12.6	0.97	10.3
S437939		0.31	131.5	23.5	10	2.99	8.95	5.30	1.81	20.3	7.17	3.9	1.76	9.3	0.68	7.6
S437940		0.34	103.0	39.5	20	0.04	11.00	7.26	2.14	23.6	10.50	6.0	2.43	16.6	1.03	11.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 22-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19244374

Description échantillon	Méthode élément unités LDI	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03
S437901		52.4	13.95	55.3	9.05	1	22.4	1.9	0.79	8.86	0.25	5.49	219	1	20.2	1.70
S437902		13.0	3.45	61.1	2.51	<1	59.5	0.7	0.42	2.39	0.20	9.28	405	3	13.8	1.55
S437903		44.8	12.20	149.5	8.17	34	17.0	2.6	0.91	7.85	0.30	12.10	204	3	20.5	1.86
S437904		31.9	9.08	116.5	5.47	1	55.9	2.2	0.67	6.46	0.30	9.01	305	2	22.0	2.51
S437905		24.9	7.14	186.5	4.17	2	40.9	1.0	0.34	11.30	0.20	2.34	105	2	11.8	0.97
S437906		3.7	1.00	26.1	0.66	1	10.6	0.2	0.05	2.37	0.04	0.55	9	<1	1.8	0.21
S437907		17.7	4.79	17.9	3.10	<1	36.7	0.3	0.37	6.54	0.16	0.80	20	1	14.3	0.94
S437908		23.3	4.75	0.8	7.32	1	82.7	0.7	1.60	1.88	0.97	0.48	<5	2	58.6	6.33
S437909		11.0	2.19	15.9	3.41	<1	141.5	0.4	0.78	0.76	0.50	0.20	458	1	30.1	3.51
S437910		11.9	2.32	24.9	3.64	1	128.0	0.4	0.81	0.93	0.54	0.23	482	6	32.1	3.58
S437911		24.3	5.06	1.5	7.30	1	93.9	0.8	1.59	2.07	0.96	1.40	5	1	56.7	6.79
S437912		18.6	3.73	22.3	5.86	1	68.2	0.6	1.34	1.81	0.81	0.48	10	1	48.9	5.66
S437913		7.6	1.43	4.3	2.32	1	98.0	0.3	0.52	0.56	0.30	0.33	721	1	20.1	2.42
S437914		25.5	5.30	1.0	7.52	1	88.5	0.8	1.66	2.32	0.96	0.49	10	1	56.5	6.36
S437915		18.8	3.70	19.7	5.76	1	68.4	0.6	1.22	1.31	0.74	0.31	11	1	43.0	4.95
S437916		11.4	2.27	14.0	3.57	1	91.3	0.4	0.80	0.96	0.48	0.22	86	1	28.9	3.00
S437917		8.0	1.51	2.7	2.58	1	103.5	0.4	0.62	0.54	0.38	0.13	899	1	22.7	2.61
S437918		6.3	1.19	2.6	1.97	1	97.2	0.3	0.45	0.45	0.30	0.14	324	1	17.2	1.88
S437919		25.3	4.84	25.1	7.77	1	87.3	0.8	1.75	1.92	1.07	0.50	24	2	65.3	6.87
S437920		22.4	4.59	20.8	7.03	1	146.5	0.7	1.47	1.76	0.91	0.48	<5	1	54.8	5.90
S437921		16.2	3.33	21.9	5.14	1	126.0	0.6	1.16	1.11	0.72	0.37	<5	1	43.7	5.01
S437922		10.5	2.16	12.0	3.28	1	132.5	0.3	0.73	0.71	0.44	0.15	326	1	26.7	2.81
S437923		25.6	5.66	106.0	6.78	1	316	0.6	1.20	3.70	0.72	0.65	9	2	45.3	4.48
S437924		13.3	2.48	16.6	4.52	1	84.0	0.5	0.89	1.03	0.55	0.25	172	1	33.3	3.72
S437925		21.1	4.25	1.2	5.95	1	52.5	0.7	1.37	1.59	0.82	0.44	12	1	49.2	5.33
S437926		24.2	4.88	15.2	7.30	1	114.0	0.7	1.58	1.90	0.95	0.47	<5	1	56.9	6.48
S437927		20.9	4.16	2.4	6.68	1	53.2	0.8	1.42	1.65	0.86	0.40	30	1	49.5	5.19
S437928		14.2	2.72	22.6	4.80	1	129.0	0.5	0.95	0.88	0.61	0.20	20	1	36.9	4.16
S437929		11.2	2.26	17.2	3.40	1	89.2	0.5	0.88	0.79	0.58	0.24	55	1	31.6	3.56
S437930		11.0	2.23	19.3	3.48	1	120.0	0.4	0.87	0.78	0.54	0.22	162	1	31.7	3.48
S437931		4.8	1.01	1.1	1.48	1	132.5	0.2	0.38	0.31	0.22	0.08	213	1	13.7	1.62
S437932		21.6	4.36	33.2	6.71	1	155.5	1.0	1.30	1.34	0.67	0.36	22	1	45.0	4.46
S437933		10.6	2.07	1.7	3.21	1	133.0	0.4	0.81	0.78	0.50	0.21	478	1	30.1	3.51
S437934		10.9	2.12	20.0	3.36	1	105.5	0.4	0.87	0.79	0.54	0.19	81	1	30.4	3.35
S437935		9.3	1.94	10.1	3.26	1	101.0	0.4	0.73	0.91	0.53	0.19	184	1	28.6	3.14
S437936		55.4	11.00	13.1	16.85	1	44.6	1.2	3.30	4.99	1.67	1.11	<5	1	111.0	10.75
S437937		28.9	6.02	2.1	8.53	1	88.7	0.8	1.85	2.13	1.09	0.53	<5	1	67.9	7.40
S437938		24.3	4.70	3.0	7.54	1	73.2	0.7	1.71	1.88	1.02	0.49	<5	1	61.1	6.47
S437939		16.9	3.44	18.2	5.29	1	55.3	0.6	1.18	1.30	0.74	0.32	27	1	44.8	4.82
S437940		28.0	5.77	5.7	8.15	1	116.5	0.8	1.69	1.90	1.03	0.80	<5	1	64.0	6.74

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 22-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19244374

Description échantillon	Méthode élément unités LDI	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	OA-GRA05 LOI % 0.01
S437901		182	58.4	14.35	10.70	1.05	4.30	3.92	1.72	0.018	1.02	0.04	0.12	<0.01	0.03	3.63
S437902		74	33.9	6.47	43.4	1.89	1.88	0.34	1.36	0.011	0.37	0.23	0.08	<0.01	0.01	10.35
S437903		215	43.5	15.10	24.8	0.99	1.76	0.59	4.52	0.019	1.15	0.01	0.19	<0.01	0.06	6.06
S437904		172	42.3	9.58	30.4	1.13	2.27	0.41	2.57	0.017	0.58	0.16	0.08	<0.01	0.02	8.94
S437905		127	61.5	16.15	10.05	0.48	2.29	0.38	4.38	0.016	0.57	0.32	0.04	<0.01	0.07	3.24
S437906		76	94.5	2.71	2.30	0.19	0.43	0.03	0.86	0.005	0.05	0.05	0.01	<0.01	0.04	0.72
S437907		75	53.3	6.26	4.14	14.35	14.40	1.77	0.90	0.005	0.23	0.13	0.09	<0.01	0.04	4.89
S437908		174	64.9	11.10	12.30	4.37	0.95	2.86	0.07	0.002	1.14	0.14	0.31	0.01	<0.01	2.44
S437909		75	49.6	12.35	18.10	9.07	3.67	2.00	0.46	<0.002	1.73	0.26	0.10	0.01	0.02	2.67
S437910		120	51.6	12.45	18.50	6.26	3.44	2.56	0.61	<0.002	1.64	0.22	0.13	0.01	0.01	2.56
S437911		268	66.5	11.50	9.16	4.71	0.47	4.45	0.07	0.002	0.70	0.11	0.18	0.01	<0.01	2.09
S437912		135	58.5	11.50	15.20	3.94	1.25	3.38	0.60	0.002	1.35	0.22	0.24	<0.01	0.02	2.82
S437913		59	50.8	11.05	16.60	8.74	4.06	2.16	0.19	<0.002	1.48	0.22	0.07	0.01	<0.01	2.72
S437914		186	58.3	12.55	15.10	4.94	2.68	1.82	0.03	0.002	1.24	0.16	0.40	0.01	<0.01	3.26
S437915		125	55.6	11.75	16.35	5.66	1.58	3.11	0.54	<0.002	1.63	0.24	0.19	<0.01	0.02	3.26
S437916		93	54.7	12.40	15.90	6.58	2.22	2.31	0.46	<0.002	1.99	0.23	0.15	0.01	0.02	3.23
S437917		56	47.9	12.35	19.45	8.86	5.26	2.32	0.18	<0.002	1.65	0.26	0.08	0.01	<0.01	1.78
S437918		45	50.8	14.45	12.80	10.75	5.99	1.73	0.09	0.002	0.81	0.19	0.06	0.01	<0.01	2.17
S437919		230	62.0	10.45	14.30	4.08	1.56	3.26	0.73	<0.002	1.01	0.27	0.26	<0.01	0.02	3.01
S437920		213	58.3	11.60	15.75	6.39	0.96	2.54	0.62	0.002	1.16	0.23	0.44	0.01	0.02	2.45
S437921		131	56.8	11.35	15.95	6.56	1.22	2.23	0.66	0.002	1.41	0.22	0.28	0.01	0.02	2.77
S437922		70	49.6	12.00	18.70	7.84	3.61	1.97	0.43	<0.002	1.99	0.33	0.10	0.01	0.01	2.76
S437923		152	54.3	15.90	10.70	9.65	1.87	3.53	1.25	<0.002	1.31	0.10	0.40	0.03	0.01	0.91
S437924		103	53.3	12.00	17.60	5.62	2.80	2.33	0.49	<0.002	1.85	0.25	0.15	<0.01	0.02	3.10
S437925		153	64.6	12.55	5.76	5.10	1.59	5.37	0.06	0.002	0.79	0.09	0.24	<0.01	<0.01	4.02
S437926		192	62.6	11.55	13.15	4.74	0.89	3.53	0.47	0.002	0.83	0.17	0.28	0.01	0.02	2.19
S437927		153	51.8	14.75	16.15	4.62	3.30	3.51	0.08	<0.002	1.94	0.18	0.24	<0.01	<0.01	4.05
S437928		97	53.7	11.70	17.15	6.42	1.91	2.53	0.71	<0.002	1.89	0.28	0.14	0.01	0.03	3.48
S437929		90	53.2	11.85	17.30	6.77	2.40	2.46	0.60	<0.002	2.20	0.27	0.12	<0.01	0.02	2.81
S437930		81	50.1	12.10	18.70	6.09	2.98	2.71	0.64	<0.002	2.16	0.31	0.12	0.01	0.03	3.43
S437931		34	48.9	14.90	11.10	12.00	7.48	2.49	0.12	0.017	0.54	0.19	0.03	0.01	<0.01	1.72
S437932		90	52.4	10.60	19.10	7.42	1.23	1.76	0.78	0.002	2.34	0.39	0.65	0.02	0.04	2.93
S437933		88	46.9	13.40	17.95	9.16	4.32	1.60	0.09	<0.002	1.87	0.24	0.11	0.01	<0.01	2.49
S437934		90	49.0	11.25	17.00	7.64	2.62	1.85	0.50	<0.002	1.92	0.28	0.11	0.01	0.02	6.13
S437935		81	51.4	12.25	17.80	7.36	3.07	2.59	0.36	<0.002	1.89	0.25	0.10	0.01	0.01	2.03
S437936		436	78.3	11.00	1.52	1.86	0.26	5.67	0.29	0.002	0.20	0.01	0.02	<0.01	<0.01	0.88
S437937		213	67.2	10.85	8.67	4.41	0.36	4.10	0.09	0.003	0.52	0.10	0.10	0.01	<0.01	2.89
S437938		194	61.3	11.15	11.60	5.17	0.85	3.75	0.09	0.002	0.98	0.15	0.34	<0.01	<0.01	3.66
S437939		134	57.1	12.05	16.85	2.77	1.80	3.39	0.48	<0.002	1.74	0.23	0.19	<0.01	0.01	3.29
S437940		212	65.2	11.40	9.37	5.75	0.48	2.75	0.26	0.003	0.69	0.09	0.19	0.01	0.01	2.37

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 22-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19244374

Description échantillon	Méthode élément unités LDI	TOT-ICP06 Total % 0.01	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
S437901		99.30	94.2	93.9
S437902		100.29		91.5
S437903		98.75		
S437904		98.46		
S437905		99.49		
S437906		101.90		
S437907		100.51		
S437908		100.59		
S437909		100.04		
S437910		99.99		
S437911		99.95		
S437912		99.02		
S437913		98.10		
S437914		100.49		
S437915		99.93		
S437916		100.20		
S437917		100.10		
S437918		99.85		
S437919		100.95		
S437920		100.47		
S437921		99.48		
S437922		99.35		
S437923		99.96		
S437924		99.51		
S437925		100.17		
S437926		100.43		
S437927		100.62		
S437928		99.95		
S437929		100.00		
S437930		99.38		
S437931		99.50		
S437932		99.66		
S437933		98.14		
S437934		98.33		
S437935		99.12		
S437936		100.01		
S437937		99.30		
S437938		99.04		
S437939		99.90		88.4
S437940		98.57	95.1	87.9

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CERTIFICAT D'ANALYSE VO19244374

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2
S437941		0.18	47.6	32.1	20	0.06	9.17	6.33	2.05	20.8	9.12	4.8	2.07	12.8	0.90	9.2
S437942		0.34	50.5	13.9	<10	0.55	4.96	2.95	1.10	19.5	4.55	2.4	1.04	5.8	0.52	4.8
S437943		0.31	19.4	6.4	20	0.04	2.64	1.69	0.63	15.0	2.12	1.1	0.61	2.7	0.23	1.9

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CERTIFICAT D'ANALYSE VO19244374

Description échantillon	Méthode élément unités LDI	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03
S437941		22.5	4.75	1.1	6.86	1	68.1	0.7	1.45	1.62	0.93	0.47	10	1	55.7	6.08
S437942		10.4	2.09	7.8	3.22	1	74.8	0.4	0.74	0.62	0.44	0.18	487	1	28.3	3.13
S437943		5.1	0.94	1.8	1.44	<1	113.0	0.2	0.37	0.33	0.24	0.10	278	1	14.1	1.57

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CERTIFICAT D'ANALYSE VO19244374

Description échantillon	Méthode élément unités LDI	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	OA-GRA05 LOI % 0.01
S437941		169	56.4	11.45	13.55	6.42	1.23	3.31	0.07	0.003	1.31	0.19	0.26	<0.01	0.01	3.84
S437942		88	47.9	11.75	17.90	7.54	3.70	0.56	0.19	<0.002	1.86	0.27	0.09	0.01	0.01	6.27
S437943		38	49.5	14.10	12.10	10.80	7.40	1.73	0.09	0.003	0.66	0.24	0.04	0.01	<0.01	2.61

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CERTIFICAT D'ANALYSE VO19244374

Description échantillon	Méthode élément unités LDI	TOT-ICP06 Total % 0.01	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
S437941		98.04		
S437942		98.05		
S437943		99.28		

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CERTIFICAT D'ANALYSE VO19244374

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:	CRU-32	CRU-QC	DRY-22	LOG-21
	PUL-32	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	ME-ICP06	ME-MS81	OA-GRA05	TOT-ICP06

2019 – Prospection : Midland

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www.alsglobal.com/geochemistry

À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Date: 19-AOUT-2019
Compte: MIDEXP

CERTIFICAT VO19183622

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 104 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24-JUIL-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

RAPPORT PARTIEL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
DRY-22	Séchage - Temp. max. 60 C
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS
Au-GRA21	Au 30 g fini FA-GRAV	WST-SIM
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES

Ceci est un Rapport Partiel de Données pour les résultats analytiques de l'au-dessus des méthodes mentionnées. Un Certificat final d'Analyse sera disponible sur l'achèvement de toutes méthodes demandées.

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Date: 19-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

RAPPORT PARTIEL VO19183622

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
X858451		0.54	<0.005	
X858452		0.63	0.005	
X858453		0.62	<0.005	
X858454		0.62	0.007	
X858455		0.70	0.025	
X858456		0.76	0.019	
X858457		0.84	0.008	
X858458		0.77	<0.005	
X858459		0.86	0.006	
X858460		0.11	<0.005	
X858461		0.53	0.007	
X858462		0.40	0.005	
X858463		0.47	<0.005	
X858464		0.56	<0.005	
X858465		0.60	0.006	
X858466		0.49	<0.005	
X858467		0.48	0.033	
X858468		0.68	<0.005	
X858469		0.64	0.020	
X858470		0.48	0.140	
X858471		0.54	>10.0	18.55
X858472		0.40	0.016	
X858473		0.63	0.966	
X858474		0.43	0.032	
X858475		0.47	0.011	
X858476		0.52	4.94	
X858477		0.54	1.010	
X858478		0.74	0.006	
X858479		0.45	0.007	
X858480		0.11	4.02	
X858481		0.78	<0.005	
X858482		0.54	<0.005	
X858483		0.54	0.022	
X858484		0.47	<0.005	
X858485		0.47	<0.005	
X858486		0.63	0.007	
X858487		0.38	0.007	
X858488		0.49	<0.005	
X858489		0.43	0.028	
X858490		0.47	<0.005	

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RAPPORT PARTIEL VO19183622

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
X858491		0.63	<0.005	
X858492		0.61	0.006	
X858493		0.57	0.248	
X858494		0.37	<0.005	
X858495		0.54	0.008	
X858496		0.57	0.082	
X858497		0.49	<0.005	
X858498		0.51	0.007	
X858499		0.55	<0.005	
X858500		0.10	0.005	
X858501		0.30	0.005	
X858502		0.51	0.007	
X858503		0.34	<0.005	
X858504		0.38	0.005	
X858505		0.44	<0.005	
X858506		0.43	0.048	
X858507		0.32	0.009	
X858508		0.26	<0.005	
X858509		0.58	<0.005	
X858510		0.52	<0.005	
X858511		0.57	<0.005	
X858512		0.49	<0.005	
X858513		0.49	<0.005	
X858514		0.38	<0.005	
X858515		0.51	<0.005	
X858516		0.46	<0.005	
X858517		0.50	<0.005	
X858518		0.50	<0.005	
X858519		0.45	0.011	
X858520		0.10	3.98	
X858521		0.37	<0.005	
X858522		0.45	<0.005	
X858523		0.44	0.006	
X858524		0.44	0.036	
X858525		0.45	0.009	
X858526		0.49	<0.005	
X858527		0.38	0.008	
X858528		0.42	0.006	
X858529		0.48	<0.005	
X858530		0.57	0.041	

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RAPPORT PARTIEL VO19183622

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
X858531		0.51	<0.005	
X858532		0.53	0.009	
X858533		0.26	0.006	
X858534		0.48	0.023	
X858535		0.47	<0.005	
X858536		2.55	1.130	
X858537		3.37	1.870	
X858538		2.99	0.070	
X858539		3.36	0.014	
X858540		0.11	0.005	
X858541		3.91	0.019	
X858542		3.57	0.168	
X858543		3.16	4.44	
X858544		4.00	3.17	
X858545		3.45	2.40	
X858546		3.72	0.129	
X858547		3.48	4.83	
X858548		2.91	0.061	
X858549		3.24	0.515	
X858550		3.05	1.380	
X858551		0.46	<0.005	
X858552		0.37	<0.005	
X858553		0.38	0.089	
X858554		0.61	<0.005	

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À: **EXPLORATION MIDLAND INC**
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SUITE 220
ROSEMÈRE QC J7A 2H1

Date: 26-AOUT-2019
Compte: MIDEXP

CERTIFICAT VO19183626

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 103 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 26-JUIL-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

RAPPORT PARTIEL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
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CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS
Au-GRA21	Au 30 g fini FA-GRAV	WST-SIM
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES
ME-OG62	Teneur marchande éléments - quatre acides	ICP-AES
Cu-OG62	Teneur marchande Cu - quatre acides	

Ceci est un Rapport Partiel de Données pour les résultats analytiques de l'au-dessus des méthodes mentionnées. Un Certificat final d'Analyse sera disponible sur l'achèvement de toutes méthodes demandées.

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RAPPORT PARTIEL VO19183626

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
X858555		0.41	0.014		<0.5	2.83	<5	20	0.9	<2	6.78	<0.5	20	31	75	10.85
X858556		0.60	0.017		<0.5	1.21	<5	10	<0.5	<2	4.20	<0.5	39	17	158	9.87
X858557		0.37	0.005		<0.5	2.81	<5	10	0.5	<2	5.41	<0.5	93	44	414	16.25
X858558		0.59	<0.005		<0.5	1.44	<5	10	<0.5	<2	4.91	<0.5	50	18	304	10.75
X858559		0.76	<0.005		<0.5	6.06	<5	40	1.0	2	4.58	<0.5	33	12	260	12.80
X858560		0.09	4.11		0.6	7.14	33	610	0.8	<2	2.48	0.9	18	65	148	5.36
X858561		0.43	0.012		<0.5	6.13	<5	100	0.8	2	3.30	<0.5	41	22	318	14.05
X858562		0.66	0.015		<0.5	3.44	<5	20	1.0	<2	3.81	<0.5	45	43	565	19.00
X858563		0.40	<0.005		<0.5	6.32	14	90	0.7	2	9.12	<0.5	35	4	83	12.95
X858564		0.48	0.007		<0.5	7.07	<5	20	<0.5	2	5.53	0.7	49	119	1580	9.49
X858565		0.47	<0.005		<0.5	6.71	7	50	<0.5	<2	5.41	<0.5	38	215	204	8.31
X858566		0.55	<0.005		<0.5	7.26	<5	30	0.5	<2	6.31	<0.5	47	12	398	10.45
X858567		0.41	<0.005		<0.5	7.22	<5	10	<0.5	5	6.37	<0.5	34	62	127	9.95
X858568		0.43	<0.005		<0.5	4.01	<5	10	<0.5	<2	2.60	<0.5	17	6	24	5.73
X858569		0.49	<0.005		<0.5	5.34	<5	10	<0.5	<2	4.54	<0.5	45	4	30	12.40
X858570		0.47	<0.005		<0.5	0.86	<5	90	<0.5	<2	2.03	<0.5	31	11	52	5.92
X858571		0.30	0.041		<0.5	5.67	<5	20	<0.5	<2	2.81	<0.5	14	23	18	14.80
X858572		0.51	0.010		<0.5	0.12	<5	<10	<0.5	<2	0.46	<0.5	1	17	12	0.76
X858573		0.30	<0.005		<0.5	3.11	7	480	0.9	<2	0.18	<0.5	6	33	82	21.8
X858574		0.46	<0.005		<0.5	0.13	<5	20	<0.5	<2	0.66	<0.5	3	16	58	2.54
X858575		0.43	<0.005		<0.5	1.14	<5	260	0.7	<2	2.65	<0.5	2	22	1	12.20
X858576		0.54	0.036		<0.5	1.10	<5	250	0.6	<2	1.99	<0.5	1	22	30	12.35
X858577		0.45	0.310		<0.5	1.56	<5	370	1.4	<2	0.16	<0.5	3	17	18	13.65
X858578		0.56	>10.0	16.85	0.9	0.24	<5	40	<0.5	<2	0.29	<0.5	<1	14	30	3.41
X858579		0.49	>10.0	10.20	<0.5	0.16	10	<10	<0.5	2	0.17	<0.5	1	19	69	1.22
X858580		0.11	0.005		<0.5	7.08	<5	830	1.0	<2	1.68	<0.5	4	13	20	2.74
X858581		0.40	0.007		<0.5	7.58	<5	140	<0.5	2	5.47	<0.5	35	61	564	9.58
X858582		0.36	0.035		<0.5	0.69	<5	90	<0.5	<2	0.05	<0.5	2	17	24	3.97
X858583		0.61	0.006		<0.5	5.72	<5	350	1.1	<2	0.13	<0.5	10	40	37	15.10
X858584		0.35	0.017		<0.5	1.74	<5	170	0.6	<2	1.01	<0.5	21	18	214	23.5
X858585		0.44	0.884		<0.5	0.14	9	30	<0.5	2	0.67	<0.5	<1	19	2	3.70
X858586		0.38	0.025		<0.5	1.82	<5	170	0.8	<2	1.18	<0.5	4	27	22	18.80
X858587		0.39	0.006		<0.5	0.68	17	60	<0.5	<2	1.41	0.5	8	18	52	6.04
X858588		0.31	0.008		<0.5	1.26	<5	20	<0.5	<2	0.12	<0.5	13	23	51	8.15
X858589		0.50	<0.005		<0.5	1.99	<5	120	<0.5	<2	0.67	<0.5	5	26	11	2.82
X858590		0.38	0.235		<0.5	0.73	<5	10	<0.5	<2	1.22	<0.5	3	19	52	4.77
X858591		0.51	0.010		<0.5	7.84	<5	570	2.9	2	0.15	1.0	21	81	88	7.80
X858592		0.59	0.006		<0.5	3.75	<5	120	0.8	2	0.21	<0.5	17	37	68	17.25
X858593		0.54	<0.005		<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	10	16	39	1.63
X858594		0.52	<0.005		<0.5	0.67	<5	30	<0.5	<2	0.49	<0.5	3	24	26	4.82

RAPPORT PARTIEL

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Date: 26-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT

RAPPORT PARTIEL VO19183626

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
X858555		10	0.18	10	1.69	2420	3	0.23	6	1190	2	0.24	<5	10	70	<20
X858556		<10	0.09	10	2.09	2090	<1	0.12	25	1020	<2	1.18	<5	2	16	<20
X858557		10	0.11	10	2.60	2580	5	0.15	81	710	9	3.87	<5	5	64	<20
X858558		<10	0.09	10	2.15	2230	6	0.11	33	1500	3	1.19	<5	4	28	<20
X858559		20	0.21	10	2.14	3070	1	1.82	15	840	<2	0.70	<5	37	95	<20
X858560		20	1.12	10	1.55	871	7	2.23	43	750	44	0.14	5	16	278	<20
X858561		20	0.44	10	1.97	2470	1	1.59	29	1370	<2	0.87	<5	19	69	<20
X858562		10	0.08	20	2.19	13000	7	0.07	74	2040	23	5.40	<5	7	4	<20
X858563		20	0.26	<10	2.08	2570	1	0.71	8	720	<2	0.32	<5	47	176	<20
X858564		10	0.08	<10	5.42	1325	<1	1.00	120	180	<2	0.15	6	25	75	<20
X858565		10	0.13	<10	4.46	1515	<1	2.79	93	220	5	0.03	<5	43	74	<20
X858566		20	0.13	<10	2.76	1370	<1	1.38	36	500	<2	0.56	<5	46	106	<20
X858567		20	0.05	<10	3.05	1570	<1	1.31	49	440	3	0.20	7	41	115	<20
X858568		20	0.02	<10	0.75	691	<1	0.63	6	120	<2	0.04	<5	6	116	<20
X858569		20	0.05	<10	2.51	1560	<1	0.88	10	380	<2	0.07	<5	42	81	<20
X858570		<10	0.14	<10	0.48	822	<1	0.03	1	130	<2	0.71	<5	5	12	<20
X858571		20	0.03	20	3.70	1970	<1	0.01	15	2610	<2	0.01	<5	12	23	<20
X858572		<10	0.01	<10	0.06	158	1	0.01	2	20	2	0.11	<5	1	6	<20
X858573		<10	0.79	10	2.57	2310	1	0.08	13	250	2	0.93	<5	5	11	<20
X858574		<10	0.02	<10	0.09	245	<1	0.01	12	90	5	0.66	<5	<1	4	<20
X858575		<10	0.55	10	1.51	3680	<1	0.03	4	90	6	0.01	<5	2	30	<20
X858576		<10	0.56	10	1.38	3090	<1	0.04	7	390	2	0.40	<5	2	22	<20
X858577		<10	0.65	10	1.62	2100	<1	0.02	6	100	3	0.07	<5	2	8	<20
X858578		<10	0.04	<10	0.17	2140	<1	0.01	4	60	8	0.17	<5	<1	4	<20
X858579		<10	0.01	<10	0.08	134	<1	0.01	6	10	3	0.11	<5	<1	<1	<20
X858580		10	1.55	10	0.52	717	5	3.39	9	420	<2	0.05	<5	6	202	<20
X858581		20	0.59	<10	3.52	1065	<1	0.24	48	450	<2	0.74	<5	43	90	<20
X858582		<10	0.23	<10	0.54	1830	1	0.02	3	110	12	0.05	<5	1	2	<20
X858583		20	1.77	30	3.68	4430	<1	0.01	27	280	<2	1.46	<5	7	3	<20
X858584		<10	0.83	20	2.51	2820	<1	0.16	15	1630	2	3.30	<5	3	12	<20
X858585		<10	0.04	<10	0.12	1095	<1	0.02	3	610	4	0.02	<5	<1	11	<20
X858586		<10	0.56	10	1.70	3430	<1	0.06	14	900	6	0.38	<5	3	27	<20
X858587		<10	0.30	<10	0.39	1060	<1	0.06	15	120	11	0.67	<5	1	56	<20
X858588		<10	0.14	<10	0.47	893	<1	0.01	37	170	<2	1.92	<5	1	3	<20
X858589		10	0.71	20	1.11	2620	<1	0.44	11	230	12	0.01	<5	2	48	<20
X858590		<10	0.03	<10	0.32	609	<1	0.10	9	50	13	0.68	<5	1	24	<20
X858591		20	4.30	20	1.40	433	4	0.55	68	590	16	4.19	<5	14	10	<20
X858592		10	0.35	30	2.09	5060	1	0.10	25	450	<2	0.74	<5	6	7	<20
X858593		<10	0.01	<10	0.01	52	<1	<0.01	82	<10	<2	0.83	<5	<1	<1	<20
X858594		<10	0.07	10	0.49	631	<1	0.01	8	800	5	0.49	<5	1	20	<20

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Date: 26-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT

RAPPORT PARTIEL VO19183626

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858555		0.31	<10	<10	98	<10	90
X858556		0.06	<10	<10	67	<10	87
X858557		0.11	10	<10	117	<10	113
X858558		0.18	<10	<10	61	<10	93
X858559		1.07	<10	<10	222	<10	108
X858560		0.38	<10	<10	147	30	291
X858561		0.54	<10	<10	177	<10	149
X858562		0.13	<10	<10	113	<10	115
X858563		1.52	<10	<10	552	<10	88
X858564		0.41	<10	<10	227	<10	111
X858565		0.61	<10	<10	292	<10	131
X858566		1.29	<10	<10	591	<10	87
X858567		0.77	<10	<10	370	<10	156
X858568		0.13	<10	<10	191	<10	39
X858569		1.16	<10	<10	656	<10	129
X858570		0.11	<10	<10	10	<10	29
X858571		0.04	<10	<10	149	<10	89
X858572		0.01	<10	<10	5	<10	3
X858573		0.13	<10	<10	38	<10	80
X858574		<0.01	<10	<10	3	<10	26
X858575		0.04	<10	<10	19	<10	36
X858576		0.04	<10	<10	17	<10	36
X858577		0.03	<10	<10	24	<10	48
X858578		<0.01	<10	<10	3	<10	8
X858579		<0.01	<10	<10	4	<10	5
X858580		0.20	<10	<10	35	<10	36
X858581		0.96	<10	<10	512	<10	74
X858582		0.02	<10	<10	7	10	19
X858583		0.27	<10	<10	71	<10	199
X858584		0.05	<10	<10	25	<10	70
X858585		0.01	<10	<10	2	<10	9
X858586		0.06	<10	<10	25	<10	104
X858587		0.03	<10	<10	7	<10	40
X858588		0.02	<10	<10	14	<10	75
X858589		0.13	<10	<10	17	<10	34
X858590		0.02	<10	<10	11	<10	18
X858591		0.30	<10	10	201	<10	145
X858592		0.13	<10	<10	55	<10	103
X858593		<0.01	<10	<10	<1	<10	2
X858594		0.02	<10	<10	9	<10	17

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Date: 26-AOUT-2019
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Projet: WILLBOB PROJECT

RAPPORT PARTIEL VO19183626

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
X858595		0.47	0.014		<0.5	0.88	<5	70	<0.5	<2	0.94	<0.5	3	28	12	6.19
X858596		0.39	<0.005		<0.5	0.19	<5	10	<0.5	<2	0.01	<0.5	1	21	2	2.08
X858597		0.56	<0.005		<0.5	2.01	<5	10	<0.5	<2	1.26	<0.5	8	17	105	7.26
X858598		0.64	<0.005		<0.5	0.10	<5	<10	<0.5	<2	0.16	0.7	1	17	58	1.29
X858599		0.45	0.005		<0.5	6.71	<5	20	<0.5	<2	4.30	<0.5	44	84	55	11.05
X858600		0.11	3.86		0.7	7.04	34	600	0.8	<2	2.45	0.9	17	64	147	5.27
X858601		0.53	0.016		<0.5	7.17	7	10	<0.5	<2	3.22	<0.5	50	21	210	8.67
X858602		0.46	0.005		<0.5	5.60	6	120	0.5	2	4.92	<0.5	42	3	26	13.60
X858603		0.51	0.006		<0.5	6.01	<5	90	1.3	2	4.63	<0.5	50	3	50	14.10
X858604		0.45	<0.005		<0.5	0.12	<5	10	<0.5	<2	4.90	<0.5	1	15	2	10.05
X858605		0.50	0.072		8.1	5.73	<5	20	<0.5	4	2.33	9.8	49	336	>10000	11.80
X858606		0.47	<0.005		<0.5	2.07	<5	30	<0.5	<2	2.46	<0.5	10	93	96	2.92
X858607		0.42	0.006		<0.5	0.25	<5	10	<0.5	<2	0.02	<0.5	1	22	38	2.61
X858608		0.33	0.010		<0.5	6.35	<5	40	<0.5	3	7.23	<0.5	56	89	440	11.50
X858609		0.43	<0.005		<0.5	1.32	<5	100	<0.5	<2	0.05	<0.5	6	21	10	10.05
X858610		0.50	<0.005		1.0	1.05	<5	10	<0.5	2	0.03	0.5	5	11	7	6.95
X858611		0.58	0.006		<0.5	1.31	<5	<10	<0.5	<2	0.12	<0.5	2	21	30	4.83
X858612		0.45	<0.005		<0.5	2.44	<5	10	<0.5	<2	0.96	0.7	13	31	275	18.75
X858613		0.39	0.017		<0.5	2.80	<5	10	<0.5	<2	0.18	<0.5	3	33	369	16.95
X858614		0.54	0.011		<0.5	1.00	<5	<10	<0.5	2	0.04	<0.5	1	24	20	3.85
X858615		0.55	0.005		<0.5	6.07	<5	10	<0.5	<2	0.86	<0.5	8	45	3	17.60
X858616		0.49	<0.005		<0.5	4.25	<5	420	1.0	<2	0.02	<0.5	1	49	7	3.02
X858617		0.48	<0.005		<0.5	0.11	<5	10	<0.5	2	0.01	<0.5	1	22	15	2.64
X858618		0.58	0.005		<0.5	0.09	<5	10	<0.5	<2	0.05	<0.5	1	15	6	1.41
X858619		0.39	0.033		<0.5	2.81	<5	670	0.9	<2	0.02	<0.5	<1	32	159	28.5
X858620		0.11	<0.005		<0.5	7.19	<5	850	1.0	<2	1.70	<0.5	4	14	21	2.80
X858621		0.53	0.007		<0.5	0.06	<5	<10	<0.5	<2	0.01	<0.5	<1	19	1	1.27
X858622		0.61	0.006		<0.5	5.11	<5	10	1.4	<2	3.53	<0.5	2	12	4	2.39
X858623		0.60	0.014		<0.5	0.19	<5	20	<0.5	<2	0.01	<0.5	<1	13	8	1.55
X858624		0.58	<0.005		<0.5	0.02	<5	<10	<0.5	<2	<0.01	<0.5	<1	16	4	1.12
X858625		0.60	<0.005		<0.5	5.41	<5	20	1.2	2	4.53	<0.5	4	11	27	5.01
X858626		2.33	0.010		<0.5	7.58	<5	70	0.6	2	5.32	<0.5	6	3	18	5.66
X858627		2.14	0.007		<0.5	8.30	<5	50	0.6	2	3.50	<0.5	7	2	5	8.69
X858628		1.44	0.005		<0.5	6.29	6	90	0.6	<2	5.28	<0.5	16	3	244	6.69
X858629		3.30	0.007		<0.5	6.71	<5	80	0.6	3	2.26	<0.5	17	4	313	8.08
X858630		2.70	0.005		<0.5	7.30	<5	80	0.6	<2	2.72	<0.5	10	9	143	7.10
X858631		2.99	0.069		<0.5	6.63	<5	110	0.6	<2	0.81	<0.5	9	9	285	7.17
X858632		3.40	0.060		<0.5	6.51	<5	130	0.7	<2	1.61	<0.5	19	12	713	7.02
X858633		2.84	0.175		<0.5	6.19	<5	100	0.6	<2	1.18	<0.5	9	13	201	5.88
X858634		2.99	0.086		<0.5	6.33	<5	140	0.7	<2	1.29	<0.5	9	10	222	6.05

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132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Date: 26-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT

RAPPORT PARTIEL VO19183626

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
X858595		<10	0.20	10	0.59	1215	<1	0.01	15	110	16	0.09	<5	2	35	<20
X858596		<10	0.01	<10	0.12	480	<1	0.01	3	10	<2	0.01	<5	<1	1	<20
X858597		<10	0.02	30	1.44	4150	<1	<0.01	10	90	4	0.67	<5	3	53	<20
X858598		<10	<0.01	<10	0.09	383	<1	<0.01	2	20	21	0.47	<5	<1	3	<20
X858599		20	0.05	<10	3.72	1695	<1	0.77	61	370	<2	0.03	<5	39	60	<20
X858600		20	1.11	10	1.52	870	7	2.21	42	730	45	0.14	5	16	273	<20
X858601		10	0.05	<10	5.33	1390	<1	1.32	88	210	<2	0.02	<5	51	34	<20
X858602		20	0.34	10	1.80	1985	<1	1.26	3	520	<2	0.04	<5	48	120	<20
X858603		30	0.21	10	1.90	1650	<1	1.68	5	610	<2	0.14	<5	42	110	<20
X858604		<10	0.05	10	2.91	2820	<1	0.01	5	490	<2	0.05	<5	<1	31	<20
X858605		10	0.04	10	4.54	1165	1	0.03	72	110	16	2.13	<5	33	40	<20
X858606		<10	0.10	<10	1.66	678	<1	0.11	29	70	<2	0.02	<5	12	13	<20
X858607		<10	0.01	<10	0.04	331	1	0.13	4	40	3	0.33	<5	<1	6	<20
X858608		10	0.15	<10	5.62	1940	1	0.49	120	190	5	0.93	<5	45	76	<20
X858609		<10	0.25	10	0.49	3440	1	0.17	9	130	<2	0.01	<5	2	10	<20
X858610		<10	0.02	<10	0.40	2420	<1	0.01	5	120	1405	0.04	<5	1	3	<20
X858611		<10	0.01	<10	0.58	200	<1	<0.01	3	510	5	0.07	<5	1	2	<20
X858612		10	0.01	20	1.32	2330	<1	0.01	27	2570	6	0.45	<5	4	24	<20
X858613		10	0.02	10	1.28	614	1	0.01	9	1250	5	0.47	<5	5	6	<20
X858614		<10	<0.01	10	0.48	134	<1	0.02	5	180	<2	0.03	<5	2	<1	<20
X858615		20	0.04	20	2.98	822	<1	0.01	16	880	5	0.01	<5	10	5	<20
X858616		10	2.27	10	0.59	108	1	0.22	3	180	29	0.05	<5	6	21	<20
X858617		<10	0.03	<10	0.02	138	<1	0.01	2	60	3	0.09	<5	<1	3	<20
X858618		<10	0.02	<10	0.07	103	<1	0.01	3	210	<2	0.12	<5	<1	2	<20
X858619		10	0.88	10	0.60	363	<1	0.55	<1	160	6	0.62	<5	4	76	<20
X858620		10	1.57	10	0.53	731	4	3.44	9	410	<2	0.06	<5	6	205	<20
X858621		<10	0.01	<10	0.03	159	<1	0.02	2	10	<2	<0.01	<5	<1	2	<20
X858622		20	0.05	<10	0.17	588	<1	2.28	2	440	2	0.09	<5	25	20	<20
X858623		<10	0.02	<10	0.08	104	<1	0.01	2	<10	<2	0.05	<5	<1	1	<20
X858624		<10	0.01	<10	0.01	115	1	<0.01	<1	10	<2	0.01	<5	<1	<1	<20
X858625		20	0.06	10	0.42	982	<1	2.01	2	600	6	0.31	<5	23	31	<20
X858626		20	0.08	10	0.97	1705	1	4.53	4	1390	<2	0.06	<5	29	87	<20
X858627		20	0.06	10	1.58	1975	<1	4.17	2	1570	<2	0.01	<5	30	73	<20
X858628		10	0.10	10	0.70	1275	<1	3.74	2	830	<2	1.29	<5	21	69	<20
X858629		20	0.09	10	0.96	1065	<1	3.59	<1	1430	<2	1.25	<5	31	66	<20
X858630		20	0.10	10	1.03	1305	<1	4.08	2	650	<2	0.51	<5	28	68	<20
X858631		10	0.14	10	0.45	840	1	4.34	1	1010	<2	0.52	<5	18	61	<20
X858632		10	0.19	10	0.49	916	<1	4.07	<1	860	<2	1.67	<5	20	64	<20
X858633		20	0.19	10	0.25	485	<1	3.90	<1	700	2	0.70	<5	16	63	<20
X858634		20	0.22	10	0.29	595	1	3.96	1	810	<2	0.42	<5	17	68	<20

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Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858595		0.06	<10	<10	18	<10	22
X858596		<0.01	<10	<10	2	<10	7
X858597		0.03	<10	<10	45	<10	54
X858598		<0.01	<10	<10	2	<10	129
X858599		0.72	<10	<10	357	<10	136
X858600		0.38	<10	<10	145	40	291
X858601		0.44	<10	<10	300	<10	82
X858602		1.61	<10	<10	456	<10	102
X858603		1.18	<10	<10	412	<10	86
X858604		0.01	<10	<10	8	<10	6
X858605		0.24	<10	<10	161	<10	113
X858606		0.08	<10	<10	64	<10	29
X858607		<0.01	<10	<10	4	<10	6
X858608		0.34	<10	<10	235	<10	105
X858609		0.04	<10	<10	16	<10	75
X858610		<0.01	<10	<10	10	<10	60
X858611		0.01	<10	<10	39	<10	80
X858612		0.05	<10	<10	67	<10	172
X858613		0.09	<10	<10	69	<10	154
X858614		0.03	<10	<10	34	<10	58
X858615		0.10	<10	<10	160	<10	294
X858616		0.17	<10	<10	39	<10	50
X858617		<0.01	<10	<10	3	<10	3
X858618		<0.01	<10	<10	1	<10	5
X858619		0.10	<10	<10	45	<10	56
X858620		0.20	<10	<10	36	<10	36
X858621		<0.01	<10	<10	1	<10	2
X858622		0.40	<10	<10	2	<10	46
X858623		<0.01	<10	<10	3	<10	6
X858624		<0.01	<10	<10	1	<10	3
X858625		0.36	<10	<10	1	<10	153
X858626		0.88	<10	<10	47	<10	42
X858627		0.71	<10	<10	61	<10	66
X858628		0.47	<10	<10	21	<10	29
X858629		0.67	<10	<10	28	<10	40
X858630		0.46	<10	<10	36	<10	44
X858631		0.52	<10	<10	19	<10	19
X858632		0.48	<10	<10	19	<10	20
X858633		0.45	<10	<10	14	<10	11
X858634		0.49	<10	<10	15	<10	13

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Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
X858635		2.65	0.005		<0.5	3.68	<5	30	<0.5	<2	1.51	<0.5	2	16	18	3.95
X858636		2.37	0.733		<0.5	6.19	<5	160	<0.5	<2	3.63	<0.5	18	7	61	10.40
X858637		0.52	0.180		<0.5	5.82	<5	50	0.5	<2	1.47	<0.5	5	14	214	7.29
X858638		0.48	0.337		<0.5	5.75	<5	90	0.5	<2	2.39	<0.5	9	18	338	7.10
X858639		0.29	0.005		<0.5	6.50	<5	90	0.8	<2	2.36	<0.5	16	11	45	9.08
X858640		0.10	3.88		0.8	6.59	30	570	0.8	2	2.32	0.8	16	60	139	5.01
X858641		0.50	<0.005		<0.5	6.73	<5	60	0.5	<2	5.29	<0.5	29	9	8	10.75
X858642		0.30	<0.005		<0.5	8.26	<5	40	0.8	3	8.02	<0.5	10	10	36	9.52
X858643		0.30	<0.005		<0.5	6.15	<5	180	5.6	<2	3.40	<0.5	15	7	8	11.10
X858644		0.42	2.94		<0.5	6.00	<5	70	<0.5	<2	3.63	<0.5	19	11	234	11.25
X858645		0.58	0.496		<0.5	0.93	<5	<10	<0.5	<2	0.82	<0.5	3	24	44	3.36
X858646		0.41	1.550		<0.5	6.04	<5	10	<0.5	2	1.44	<0.5	12	14	201	7.39
X858647		0.50	0.007		<0.5	6.69	<5	130	0.6	<2	3.34	<0.5	20	8	585	7.93
X858648		0.56	0.011		<0.5	6.11	<5	50	0.6	<2	2.54	<0.5	9	13	137	3.44
X858649		0.37	<0.005		<0.5	4.85	8	10	<0.5	<2	3.42	<0.5	20	19	108	5.15
X858650		0.46	0.007		<0.5	6.30	<5	10	<0.5	<2	1.64	<0.5	11	20	440	6.22
X858651		0.53	0.005		<0.5	6.47	<5	30	1.0	<2	4.69	<0.5	7	9	17	6.24
X858652		0.38	<0.005		<0.5	4.12	<5	10	5.6	<2	6.13	<0.5	1	16	2	4.26
X858653		0.51	0.368		<0.5	6.12	<5	40	<0.5	2	2.07	<0.5	13	10	98	9.67
X858654		0.49	0.080		<0.5	6.68	<5	100	<0.5	<2	2.28	<0.5	8	12	64	8.67
X858655		0.43	0.005		<0.5	0.23	9	20	<0.5	<2	0.05	<0.5	8	28	45	3.73
X858656		0.42	0.048		<0.5	3.97	10	10	<0.5	2	4.66	1.1	36	13	1015	7.93
X858657		0.34	0.006		<0.5	6.31	<5	50	0.7	<2	2.31	<0.5	9	13	31	7.30

RAPPORT PARTIEL

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Date: 26-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT

RAPPORT PARTIEL VO19183626

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
X858635		10	0.04	10	0.63	641	<1	1.84	1	570	<2	0.07	<5	15	31	<20
X858636		20	0.26	10	0.55	1735	<1	2.17	<1	1820	<2	0.54	<5	26	88	<20
X858637		20	0.11	10	0.21	837	<1	3.14	<1	460	<2	0.44	<5	20	68	<20
X858638		20	0.25	10	0.19	986	<1	3.06	1	640	<2	0.97	<5	15	88	<20
X858639		20	0.18	10	0.36	1340	<1	2.70	<1	1200	<2	0.14	<5	28	113	<20
X858640		10	1.05	10	1.43	814	7	2.12	41	720	41	0.14	<5	15	258	<20
X858641		20	0.24	10	2.08	1920	<1	2.71	10	580	<2	0.08	<5	45	83	<20
X858642		40	0.10	10	1.20	1960	1	1.19	5	440	<2	0.54	5	43	272	<20
X858643		20	0.36	10	1.02	3230	<1	1.99	1	2250	<2	0.10	<5	35	111	<20
X858644		20	0.16	10	0.61	1390	1	2.45	2	2490	<2	2.42	<5	36	122	<20
X858645		<10	0.01	<10	0.22	380	1	0.30	<1	570	<2	0.13	<5	7	5	<20
X858646		10	0.03	10	0.56	542	<1	3.71	1	1280	<2	1.66	<5	23	30	<20
X858647		20	0.12	10	0.86	1130	<1	3.57	<1	1020	<2	1.45	<5	28	53	<20
X858648		20	0.11	10	0.28	453	1	3.75	2	290	5	0.21	<5	17	84	<20
X858649		20	0.03	20	0.35	612	<1	1.58	<1	180	<2	0.46	<5	14	73	<20
X858650		20	0.04	10	0.53	673	1	3.29	2	640	<2	0.95	<5	22	73	<20
X858651		20	0.11	10	1.04	1575	<1	3.56	2	2350	<2	0.20	<5	35	50	<20
X858652		10	0.02	<10	0.26	6180	<1	0.03	2	950	<2	<0.01	<5	20	40	<20
X858653		20	0.09	10	1.19	915	1	2.55	<1	2610	<2	0.86	<5	38	38	<20
X858654		20	0.34	10	0.56	1170	<1	3.51	<1	1100	<2	0.84	<5	32	90	<20
X858655		<10	0.05	<10	0.03	431	<1	0.12	11	60	2	1.79	<5	<1	8	<20
X858656		10	0.05	<10	2.04	1100	<1	0.52	29	180	<2	0.48	<5	29	36	<20
X858657		20	0.15	10	0.47	1115	<1	3.06	1	840	<2	0.06	<5	25	121	<20

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Date: 26-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT

RAPPORT PARTIEL VO19183626

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858635		0.24	<10	<10	20	<10	27
X858636		0.65	<10	<10	4	<10	59
X858637		0.33	<10	<10	4	<10	29
X858638		0.39	<10	<10	5	<10	26
X858639		0.56	<10	<10	3	<10	75
X858640		0.36	<10	<10	138	30	273
X858641		0.94	<10	<10	274	<10	53
X858642		1.10	<10	<10	177	<10	56
X858643		0.82	<10	<10	4	<10	81
X858644		0.76	<10	<10	3	<10	48
X858645		0.20	<10	<10	8	<10	13
X858646		0.54	<10	<10	3	<10	29
X858647		0.76	<10	<10	27	<10	40
X858648		0.41	<10	<10	4	<10	19
X858649		0.18	<10	<10	12	<10	22
X858650		0.44	<10	<10	5	<10	29
X858651		0.84	<10	<10	6	<10	98
X858652		0.34	<10	<10	7	<10	95
X858653		0.93	<10	<10	4	<10	69
X858654		0.55	<10	<10	3	<10	45
X858655		0.01	<10	<10	7	<10	36
X858656		0.63	<10	<10	608	<10	74
X858657		0.69	<10	<10	6	<10	44

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À: **EXPLORATION MIDLAND INC**
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ROSEMÈRE QC J7A 2H1

Finalisée date: 20-OCT-2019
Compte: MIDEXP

CERTIFICAT VO19239095

Projet: WILLBOB PROJECT (WB)

Ce rapport s'applique aux 178 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 23-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
DRY-22	Séchage - Temp. max. 60 C
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS
Au-GRA21	Au 30 g fini FA-GRAV	WST-SIM
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Saa Traxler, General Manager, North Vancouver

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Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
X858658		0.63	0.215		0.8	1.20	>10000	<10	<0.5	<2	0.07	<0.5	22	26	115	6.06
X858659		0.44	<0.005		<0.5	0.39	61	30	<0.5	<2	0.03	<0.5	1	10	4	1.35
X858660		0.39	<0.005		<0.5	6.85	40	800	1.2	<2	2.50	<0.5	18	80	40	4.65
X858661		0.48	<0.005		<0.5	0.40	30	30	<0.5	<2	0.03	<0.5	1	14	4	1.61
X858662		0.38	0.011		<0.5	3.13	21	100	<0.5	3	0.04	<0.5	3	38	78	13.80
X858663		0.55	0.089		<0.5	1.37	6	<10	<0.5	<2	0.07	<0.5	<1	19	52	6.19
X858664		0.43	2.08		<0.5	2.82	<5	10	<0.5	<2	0.02	<0.5	3	28	60	11.15
X858665		0.60	<0.005		<0.5	7.16	5	10	<0.5	<2	0.09	<0.5	8	42	4	19.10
X858666		0.66	<0.005		<0.5	0.44	<5	30	<0.5	<2	0.13	<0.5	3	27	29	2.19
X858667		0.28	0.273		<0.5	1.14	<5	40	<0.5	<2	0.13	<0.5	5	24	72	6.11
X858668		0.39	<0.005		<0.5	3.27	7	140	<0.5	<2	0.31	<0.5	14	36	251	17.30
X858669		0.49	0.056		<0.5	2.91	7	390	<0.5	4	0.14	<0.5	9	36	177	19.55
X858670		0.41	<0.005		<0.5	5.58	6	30	0.7	<2	4.64	0.5	41	7	327	10.05
X858671		0.54	0.306		<0.5	2.92	<5	10	<0.5	<2	0.20	<0.5	4	26	63	9.84
X858672		0.47	0.016		<0.5	0.87	5	<10	<0.5	<2	0.11	<0.5	4	37	134	5.56
X858673		0.69	0.009		0.5	2.51	5	10	<0.5	<2	0.10	<0.5	38	37	1050	19.10
X858674		0.57	<0.005		<0.5	0.04	8	10	<0.5	<2	0.29	<0.5	2	51	6	2.66
X858675		0.53	<0.005		<0.5	1.14	<5	50	<0.5	<2	0.09	1.0	2	32	15	2.29
X858676		0.53	3.35		<0.5	1.79	6	330	0.7	2	0.08	<0.5	7	20	76	28.6
X858677		0.33	5.90	6.64	0.5	0.49	<5	110	0.7	<2	1.19	0.5	5	19	92	12.30
X858678		0.69	0.570		<0.5	1.03	<5	260	<0.5	<2	0.28	<0.5	5	21	109	21.7
X858679		0.57	0.477		<0.5	0.27	5	30	<0.5	<2	0.38	<0.5	1	33	26	3.93
X858680		0.10	0.500		0.5	7.44	14	410	0.5	<2	4.35	<0.5	21	187	102	4.38
X858681		0.65	0.027		<0.5	1.33	<5	300	0.8	3	1.99	0.8	12	17	155	19.75
X858682		0.44	<0.005		<0.5	1.59	<5	390	1.0	<2	1.51	<0.5	8	15	5	21.1
X858683		0.49	<0.005		<0.5	1.37	7	320	1.0	<2	2.41	0.9	5	14	6	20.5
X858684		0.47	<0.005		<0.5	1.04	6	230	0.6	<2	2.47	0.8	4	20	3	17.10
X858685		0.45	<0.005		<0.5	1.59	<5	30	<0.5	<2	0.24	<0.5	2	30	55	7.07
X858686		0.65	0.016		<0.5	2.57	8	420	0.5	<2	0.67	<0.5	9	28	174	20.9
X858687		0.38	<0.005		<0.5	3.29	<5	130	<0.5	2	0.30	<0.5	20	50	252	24.7
X858688		0.42	<0.005		<0.5	1.38	<5	20	<0.5	<2	0.03	<0.5	7	29	319	9.41
X858689		0.48	0.009		<0.5	3.20	<5	30	<0.5	2	0.11	<0.5	23	33	400	20.8
X858690		0.66	<0.005		<0.5	5.08	<5	10	<0.5	<2	0.12	<0.5	1	39	78	17.05
X858691		0.37	<0.005		<0.5	1.62	15	280	<0.5	3	0.03	<0.5	1	18	143	13.90
X858692		0.72	0.029		<0.5	3.91	<5	40	<0.5	<2	0.16	<0.5	2	20	67	13.15
X858693		0.32	<0.005		<0.5	7.99	<5	50	<0.5	<2	0.18	<0.5	5	23	22	23.3
X858694		0.50	0.032		<0.5	1.32	<5	270	<0.5	<2	0.36	<0.5	3	22	47	16.05
X858695		0.59	<0.005		<0.5	2.66	<5	460	<0.5	<2	1.63	<0.5	3	21	19	1.79
X858696		0.65	<0.005		<0.5	1.34	<5	220	<0.5	<2	0.94	<0.5	<1	38	4	1.16
X858697		0.40	<0.005		<0.5	0.78	331	50	<0.5	<2	0.66	<0.5	13	31	45	2.11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
X858658		<10	<0.01	<10	0.89	382	1	<0.01	11	110	528	0.88	26	3	1	<20
X858659		<10	0.14	<10	0.11	168	<1	<0.01	3	140	2	0.01	<5	<1	2	<20
X858660		20	1.34	20	1.40	558	1	2.13	41	690	14	0.11	<5	16	372	<20
X858661		<10	0.15	<10	0.10	185	1	0.01	4	120	3	0.03	<5	<1	2	<20
X858662		10	0.08	<10	1.94	853	1	0.01	9	120	16	0.13	<5	5	3	<20
X858663		<10	0.01	<10	0.75	445	<1	0.01	4	50	<2	0.19	<5	1	1	<20
X858664		10	0.01	<10	1.52	571	<1	<0.01	4	120	5	0.10	<5	3	1	<20
X858665		20	0.02	20	4.55	1465	1	0.01	32	290	2	0.01	7	14	3	<20
X858666		<10	0.08	<10	0.13	434	<1	0.10	6	20	3	0.23	<5	1	14	<20
X858667		10	0.05	<10	0.60	1005	<1	0.04	10	40	4	0.03	<5	4	6	<20
X858668		10	0.28	10	2.08	1350	<1	0.01	22	130	4	1.68	<5	6	11	<20
X858669		10	0.77	10	2.01	2240	<1	0.06	30	340	3	1.53	<5	5	7	<20
X858670		20	0.06	<10	1.72	1570	<1	2.06	15	530	35	0.98	<5	34	84	<20
X858671		10	0.01	<10	1.50	802	<1	0.02	9	180	8	0.15	<5	5	3	<20
X858672		<10	<0.01	<10	0.44	352	<1	0.01	8	60	4	0.99	<5	2	2	<20
X858673		10	0.01	10	1.33	585	1	<0.01	70	470	12	9.57	<5	5	<1	<20
X858674		<10	0.01	<10	0.16	1630	<1	0.01	3	10	2	0.25	<5	<1	6	<20
X858675		<10	0.23	20	0.31	251	<1	0.19	4	350	12	0.10	<5	1	10	<20
X858676		<10	0.49	<10	1.58	2910	<1	0.01	9	140	4	0.04	<5	2	4	<20
X858677		<10	0.16	10	0.54	5350	<1	<0.01	4	1400	6	0.20	<5	1	18	<20
X858678		<10	0.39	<10	0.99	1995	<1	0.01	7	110	4	0.29	<5	2	6	<20
X858679		<10	0.04	<10	0.16	1670	<1	0.01	2	130	4	0.02	<5	<1	6	<20
X858680		10	0.73	10	2.32	746	8	2.06	202	480	3	0.06	<5	13	270	<20
X858681		<10	0.67	10	1.59	5810	<1	0.01	10	80	7	1.49	<5	2	37	<20
X858682		<10	0.83	20	1.71	4490	<1	0.07	11	1300	6	0.02	<5	3	42	<20
X858683		<10	0.74	10	1.70	5000	1	0.04	7	100	5	0.08	<5	2	39	<20
X858684		<10	0.57	10	1.38	4210	1	0.07	6	130	2	0.02	<5	2	33	<20
X858685		10	0.05	<10	1.05	584	4	0.01	5	70	16	0.09	<5	1	4	<20
X858686		10	1.04	10	3.02	2470	<1	0.29	13	1590	7	1.88	<5	4	14	<20
X858687		10	0.23	30	2.37	1275	2	0.01	51	1320	6	3.57	<5	8	11	<20
X858688		10	0.03	<10	0.85	438	1	0.01	20	80	11	1.88	<5	1	2	<20
X858689		10	0.04	10	1.90	863	1	0.01	56	470	7	4.91	<5	4	2	<20
X858690		20	0.05	10	3.06	899	2	<0.01	5	530	4	0.18	<5	4	3	<20
X858691		<10	0.47	<10	1.77	1325	1	0.01	3	120	3	0.54	<5	3	5	<20
X858692		10	0.05	<10	2.25	1065	<1	<0.01	1	720	6	0.26	<5	5	3	<20
X858693		30	0.05	<10	4.68	2030	<1	<0.01	3	810	10	0.05	<5	10	3	<20
X858694		<10	0.39	<10	1.51	1655	<1	0.01	7	1610	5	0.56	<5	2	10	<20
X858695		10	1.41	10	0.22	427	<1	0.07	2	150	20	0.03	<5	1	69	<20
X858696		<10	0.69	<10	0.11	679	<1	0.45	2	290	63	0.06	<5	1	59	<20
X858697		<10	0.22	10	0.23	368	<1	0.01	16	780	5	0.21	<5	1	11	<20

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858658		0.05	<10	<10	29	<10	14
X858659		0.01	<10	<10	4	<10	24
X858660		0.44	<10	<10	115	<10	75
X858661		0.01	<10	<10	4	<10	13
X858662		0.14	<10	<10	43	<10	50
X858663		0.02	<10	<10	20	<10	24
X858664		0.06	<10	<10	43	<10	45
X858665		0.17	<10	<10	152	<10	116
X858666		0.02	<10	<10	9	<10	7
X858667		0.02	<10	<10	25	<10	20
X858668		0.14	<10	<10	46	<10	68
X858669		0.15	<10	<10	47	<10	86
X858670		0.81	<10	<10	333	<10	49
X858671		0.06	<10	<10	66	<10	51
X858672		0.04	<10	<10	20	<10	16
X858673		0.17	<10	<10	44	<10	42
X858674		<0.01	<10	<10	5	<10	3
X858675		0.02	<10	<10	9	<10	165
X858676		0.06	<10	<10	38	<10	40
X858677		0.02	<10	<10	13	<10	20
X858678		0.04	<10	<10	31	<10	27
X858679		<0.01	<10	<10	6	<10	7
X858680		0.28	<10	<10	102	<10	56
X858681		0.05	<10	<10	8	<10	45
X858682		0.05	<10	<10	13	<10	44
X858683		0.05	<10	<10	14	<10	41
X858684		0.04	<10	<10	17	<10	34
X858685		0.03	<10	<10	36	<10	23
X858686		0.07	<10	<10	47	<10	68
X858687		0.15	<10	<10	75	<10	48
X858688		0.03	<10	<10	34	<10	21
X858689		0.09	<10	<10	68	<10	44
X858690		0.11	<10	<10	111	<10	66
X858691		0.04	<10	<10	39	<10	24
X858692		0.03	<10	<10	75	<10	63
X858693		0.07	<10	<10	144	<10	129
X858694		0.03	<10	<10	36	<10	37
X858695		0.05	<10	<10	13	<10	6
X858696		0.03	<10	<10	9	<10	6
X858697		0.02	<10	<10	7	<10	13

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CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
X858698		0.61	<0.005		<0.5	3.40	<5	160	<0.5	<2	0.32	<0.5	1	39	21	1.25
X858699		0.53	<0.005		<0.5	1.78	<5	70	<0.5	2	2.16	<0.5	4	38	12	2.53
X858700		0.51	<0.005		<0.5	7.75	<5	1230	1.1	<2	2.44	<0.5	21	118	44	6.25
X858701		0.27	<0.005		<0.5	8.69	<5	150	1.3	<2	4.45	<0.5	42	187	1	11.50
X858702		0.57	0.030		<0.5	0.48	<5	<10	<0.5	<2	0.32	<0.5	2	42	2	1.84
X858703		0.45	0.012		<0.5	1.67	<5	320	0.5	2	0.19	<0.5	13	37	277	18.05
X858704		0.46	<0.005		<0.5	1.54	6	260	0.9	5	1.40	<0.5	15	23	219	21.0
X858705		0.34	0.152		<0.5	0.90	<5	10	<0.5	<2	6.91	<0.5	1	21	24	3.37
X858706		0.52	<0.005		<0.5	2.35	<5	10	<0.5	<2	0.94	<0.5	4	17	18	6.39
X858707		0.39	0.064		<0.5	1.46	7	260	1.5	<2	1.50	<0.5	12	21	620	21.6
X858708		0.42	<0.005		<0.5	0.97	<5	10	<0.5	<2	0.22	<0.5	1	28	8	3.36
X858709		0.56	3.77		<0.5	0.30	<5	<10	<0.5	<2	0.33	<0.5	2	42	43	1.70
X858710		0.49	0.122		0.9	3.79	<5	70	<0.5	5	1.77	<0.5	5	31	45	12.50
X858711		0.71	0.017		<0.5	4.28	<5	60	<0.5	<2	8.36	<0.5	6	20	5	13.45
X858712		0.43	0.218		<0.5	0.94	<5	20	<0.5	<2	2.78	<0.5	3	22	12	3.31
X858713		0.56	<0.005		<0.5	0.58	<5	<10	<0.5	<2	0.13	<0.5	4	45	65	3.43
X858714		0.60	<0.005		<0.5	1.90	<5	430	0.8	<2	0.64	<0.5	11	27	162	18.00
X858715		0.43	<0.005		<0.5	3.09	<5	10	<0.5	<2	1.02	<0.5	45	20	600	10.75
X858716		0.44	5.55	5.95	0.6	1.15	<5	20	<0.5	<2	1.34	<0.5	2	20	122	4.68
X858717		0.45	>10.0	31.5	0.8	2.01	<5	30	<0.5	3	0.89	<0.5	5	31	156	8.21
X858718		0.63	0.028		<0.5	1.73	<5	240	<0.5	<2	0.66	<0.5	6	26	131	12.35
X858719		0.39	0.089		<0.5	0.54	<5	20	<0.5	<2	0.38	<0.5	2	31	26	3.09
X858720		0.10	0.492		<0.5	7.69	7	400	0.6	<2	4.23	<0.5	20	195	98	4.31
X858721		0.53	0.103		<0.5	2.22	<5	420	0.6	<2	0.12	<0.5	10	23	227	18.45
X858722		0.54	>10.0	23.5	2.1	0.34	<5	10	<0.5	3	2.18	<0.5	7	24	291	5.96
X858723		0.43	0.350		<0.5	2.21	<5	370	0.6	4	0.21	<0.5	7	27	135	16.45
X858724		0.42	0.863		<0.5	1.10	<5	170	<0.5	<2	0.29	<0.5	3	29	128	9.19
X858725		0.56	0.386		<0.5	1.84	<5	10	<0.5	<2	0.08	<0.5	3	28	179	7.56
X858726		0.50	<0.005		<0.5	2.50	<5	370	0.7	<2	0.96	<0.5	10	22	255	19.75
X858727		0.59	<0.005		<0.5	1.55	<5	40	<0.5	<2	1.29	<0.5	1	15	9	5.77
X858728		0.39	0.070		<0.5	5.56	6	<10	<0.5	<2	0.41	0.7	15	67	2120	12.00
X858729		0.55	<0.005		0.5	0.30	<5	10	<0.5	<2	0.10	<0.5	4	36	54	1.69
X858730		0.57	<0.005		<0.5	1.40	<5	10	<0.5	<2	0.07	<0.5	3	37	178	6.09
X858731		0.53	<0.005		<0.5	2.03	<5	10	<0.5	<2	2.69	<0.5	13	84	12	2.94
X858732		0.39	<0.005		<0.5	2.88	<5	440	<0.5	<2	0.16	<0.5	<1	29	4	1.13
X858733		0.36	<0.005		<0.5	5.90	5	90	<0.5	<2	2.15	<0.5	38	10	80	9.62
X858734		0.41	<0.005		<0.5	1.89	7	350	2.5	<2	1.22	0.5	6	21	4	21.7
X858735		0.35	<0.005		<0.5	1.25	9	210	0.9	<2	0.15	0.6	8	16	2	16.15
X858736		0.41	<0.005		<0.5	0.06	28	10	0.5	<2	0.77	0.7	2	12	7	14.45
X858737		0.44	<0.005		<0.5	0.20	<5	80	<0.5	<2	0.03	<0.5	3	14	8	2.62

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
X858698		10	0.42	10	0.18	115	<1	2.25	7	1350	12	0.02	<5	2	67	<20
X858699		10	0.42	10	0.44	467	<1	0.04	16	50	22	0.04	<5	2	28	<20
X858700		20	2.14	30	1.92	724	1	1.98	57	1010	17	0.11	<5	23	425	<20
X858701		20	0.32	<10	5.55	1925	<1	1.17	103	320	3	<0.01	<5	55	53	<20
X858702		<10	0.01	<10	0.33	251	<1	0.01	4	10	<2	<0.01	<5	1	4	<20
X858703		10	0.64	10	2.42	2050	<1	0.04	14	560	3	1.00	<5	3	9	<20
X858704		10	0.67	20	3.36	4120	<1	0.05	21	2940	7	1.24	5	3	14	<20
X858705		<10	0.02	<10	0.57	1295	<1	0.01	7	40	4	0.02	<5	2	35	<20
X858706		10	0.02	<10	1.41	965	<1	0.02	10	60	2	0.01	<5	6	9	<20
X858707		<10	0.67	10	2.75	3250	<1	0.08	19	2230	2	2.46	<5	2	17	<20
X858708		<10	0.01	<10	0.53	338	<1	0.01	6	40	<2	0.02	<5	1	1	<20
X858709		<10	0.01	<10	0.16	212	<1	0.01	8	10	2	0.12	<5	<1	3	<20
X858710		10	0.14	20	2.02	1185	<1	0.01	32	2520	13	0.04	<5	5	15	<20
X858711		20	0.14	10	2.36	2100	<1	0.01	18	220	7	<0.01	<5	5	64	<20
X858712		<10	0.05	<10	0.74	890	<1	0.01	9	180	5	0.02	<5	2	18	<20
X858713		<10	0.01	<10	0.31	478	<1	0.01	6	70	<2	0.61	<5	1	2	<20
X858714		10	0.86	10	2.37	3300	<1	0.08	18	940	4	1.86	<5	3	14	<20
X858715		10	0.02	<10	2.35	803	<1	0.07	29	190	28	3.07	<5	17	4	<20
X858716		<10	0.04	<10	0.60	620	<1	0.01	10	20	7	0.20	<5	1	10	<20
X858717		10	0.07	<10	0.96	692	<1	0.01	14	340	4	0.26	<5	2	8	<20
X858718		10	0.45	10	1.45	1260	<1	0.11	14	220	6	1.31	<5	3	12	<20
X858719		<10	0.03	<10	0.30	684	<1	0.01	8	20	3	0.07	<5	1	5	<20
X858720		10	0.72	10	2.28	750	8	1.98	203	450	6	0.06	<5	14	256	<20
X858721		10	0.74	10	1.96	1550	<1	0.17	22	180	5	2.09	<5	4	7	<20
X858722		<10	0.01	<10	0.17	598	<1	0.01	24	50	5	2.30	<5	<1	16	<20
X858723		10	0.64	10	1.89	1465	<1	0.06	22	560	2	1.47	<5	4	9	<20
X858724		<10	0.24	10	0.94	721	1	0.01	11	760	3	0.89	<5	2	6	<20
X858725		10	0.01	<10	0.95	472	<1	0.01	9	170	10	0.71	<5	1	2	<20
X858726		10	0.65	20	2.20	2160	<1	0.01	27	80	9	2.66	<5	5	11	<20
X858727		10	0.07	<10	0.98	787	<1	<0.01	3	30	<2	0.02	<5	2	26	<20
X858728		10	<0.01	<10	4.29	1300	3	0.04	34	240	2	0.26	<5	15	3	<20
X858729		<10	0.05	<10	0.13	119	1	<0.01	6	390	174	0.39	<5	1	3	<20
X858730		<10	0.04	<10	0.80	496	1	0.01	5	290	13	0.23	<5	2	2	<20
X858731		10	0.02	<10	1.36	770	<1	0.49	29	130	2	0.01	<5	12	30	<20
X858732		10	1.51	<10	0.24	137	<1	0.23	4	170	3	0.04	<5	2	15	<20
X858733		20	0.26	<10	2.05	1250	1	1.71	21	290	6	0.01	<5	33	72	<20
X858734		<10	1.05	20	2.43	3280	<1	0.08	9	2110	<2	0.02	<5	3	21	<20
X858735		<10	0.52	10	1.22	4050	<1	0.03	6	220	5	<0.01	<5	1	13	<20
X858736		<10	0.01	<10	0.56	4560	1	<0.01	5	1480	<2	0.04	<5	<1	16	<20
X858737		<10	0.06	<10	0.26	2590	<1	<0.01	3	80	3	0.01	<5	<1	2	<20

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Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858698		0.09	<10	<10	19	<10	32
X858699		0.03	<10	<10	12	<10	47
X858700		0.53	<10	<10	149	<10	106
X858701		0.63	<10	<10	344	<10	114
X858702		0.01	<10	<10	13	<10	11
X858703		0.07	<10	<10	47	<10	47
X858704		0.06	10	<10	48	<10	94
X858705		<0.01	<10	<10	27	<10	19
X858706		0.01	<10	<10	64	<10	39
X858707		0.04	<10	<10	58	<10	64
X858708		<0.01	<10	<10	25	<10	17
X858709		<0.01	<10	<10	9	<10	5
X858710		0.06	<10	<10	87	<10	58
X858711		0.06	<10	<10	91	<10	74
X858712		0.01	<10	<10	25	<10	19
X858713		<0.01	<10	<10	16	<10	11
X858714		0.06	<10	<10	49	<10	59
X858715		0.30	<10	<10	143	<10	52
X858716		0.02	<10	<10	28	<10	20
X858717		0.03	<10	<10	51	<10	33
X858718		0.06	<10	<10	22	<10	50
X858719		0.02	<10	<10	9	<10	17
X858720		0.27	<10	<10	101	<10	57
X858721		0.09	<10	<10	27	<10	69
X858722		<0.01	<10	<10	6	<10	11
X858723		0.09	<10	<10	26	<10	66
X858724		0.04	<10	<10	15	<10	24
X858725		0.02	<10	<10	26	<10	42
X858726		0.09	<10	<10	30	<10	74
X858727		0.01	<10	<10	61	<10	23
X858728		0.42	<10	<10	167	<10	98
X858729		0.01	<10	<10	4	<10	17
X858730		0.05	<10	<10	36	<10	20
X858731		0.13	<10	<10	77	<10	20
X858732		0.06	<10	<10	16	<10	8
X858733		0.75	<10	<10	327	<10	104
X858734		0.07	<10	<10	21	<10	53
X858735		0.03	<10	<10	18	<10	38
X858736		<0.01	<10	<10	5	<10	57
X858737		<0.01	<10	<10	2	<10	10

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
X858738		0.44	<0.005		<0.5	2.95	9	150	0.5	<2	0.31	<0.5	5	51	22	3.97
X858739		0.68	<0.005		<0.5	6.10	<5	330	0.7	<2	0.88	<0.5	1	29	7	0.82
X858740		0.40	<0.005		<0.5	7.27	<5	750	1.3	<2	2.65	<0.5	19	91	23	5.29
X858741		0.44	0.040		<0.5	5.30	8	10	<0.5	<2	6.91	0.7	39	7	172	9.76
X858742		0.54	0.302		<0.5	5.53	<5	10	<0.5	<2	4.83	<0.5	16	24	194	3.82
X858743		0.51	<0.005		<0.5	4.37	6	10	<0.5	<2	3.43	<0.5	2	24	257	1.93
X858744		0.44	0.007		<0.5	5.94	23	10	<0.5	<2	3.21	0.8	40	17	759	4.08
X858745		0.41	0.008		<0.5	6.17	33	20	<0.5	<2	2.40	0.5	15	15	401	2.46
X858746		0.48	<0.005		<0.5	5.87	8	50	<0.5	<2	4.57	0.5	35	6	238	8.39
X858747		0.43	<0.005		<0.5	5.34	<5	10	<0.5	<2	4.42	<0.5	32	160	90	7.70
X858748		0.39	<0.005		<0.5	6.71	<5	10	<0.5	<2	4.32	0.6	37	175	107	9.30
X858749		0.48	<0.005		<0.5	6.27	9	<10	<0.5	<2	4.08	0.8	43	164	328	9.57
X858750		0.51	<0.005		<0.5	3.50	11	<10	<0.5	<2	3.32	<0.5	27	85	178	5.28
X858751		0.48	<0.005		<0.5	0.77	7	30	<0.5	<2	0.08	<0.5	5	35	406	1.55
X858752		0.69	<0.005		0.5	4.14	5	10	<0.5	2	1.51	0.5	25	40	173	11.00
X858753		0.56	<0.005		<0.5	1.77	11	310	1.2	<2	0.25	<0.5	11	19	522	21.3
X858754		0.52	<0.005		<0.5	6.70	<5	400	1.3	<2	0.07	<0.5	7	61	19	5.29
X858755		0.70	<0.005		<0.5	0.06	12	20	<0.5	<2	1.41	<0.5	1	39	3	1.54
X858756		0.26	<0.005		<0.5	2.83	<5	30	<0.5	<2	0.10	<0.5	4	49	60	9.89
X858757		0.42	<0.005		<0.5	0.28	27	40	<0.5	<2	0.04	<0.5	9	34	113	3.73
X858758		0.58	<0.005		<0.5	2.26	<5	110	<0.5	<2	0.02	<0.5	1	32	33	1.69
X858759		0.51	0.005		<0.5	3.05	10	260	0.9	2	0.15	<0.5	6	53	31	2.47
X858760		0.11	0.518		0.6	7.62	12	400	0.5	<2	4.32	<0.5	21	182	101	4.35
X858761		0.50	<0.005		<0.5	6.61	5	10	<0.5	<2	3.65	0.5	39	30	433	13.00
X858762		0.53	<0.005		<0.5	4.92	<5	10	<0.5	2	2.50	<0.5	18	14	148	7.72
X858763		0.63	<0.005		<0.5	6.36	7	30	1.0	<2	5.33	0.7	37	141	101	7.85
X858764		0.39	<0.005		<0.5	3.62	<5	20	<0.5	<2	4.64	0.7	33	111	179	5.41
X858765		0.60	<0.005		1.0	0.67	<5	10	<0.5	<2	0.59	<0.5	4	43	20	1.52
X858766		0.85	<0.005		<0.5	0.38	<5	20	<0.5	<2	0.11	<0.5	1	55	32	1.47
X858767		0.53	0.071		<0.5	0.25	<5	10	<0.5	<2	0.14	<0.5	17	41	86	3.60
X858768		0.55	<0.005		<0.5	4.83	<5	140	0.5	<2	0.25	<0.5	2	37	6	1.83
X858769		0.53	<0.005		1.2	2.26	<5	210	0.7	5	3.81	2.9	3	30	10	3.44
X858770		0.77	<0.005		<0.5	2.14	<5	150	0.5	<2	0.23	<0.5	28	45	201	3.16
X858771		0.52	<0.005		<0.5	7.19	<5	110	0.5	<2	3.32	1.1	38	56	163	8.68
X858772		0.67	<0.005		0.6	0.27	<5	<10	<0.5	<2	0.10	<0.5	18	38	97	3.91
X858773		0.37	<0.005		<0.5	4.89	<5	170	0.5	<2	0.06	<0.5	3	30	15	2.14
X858774		0.53	<0.005		<0.5	0.10	<5	10	<0.5	<2	0.08	<0.5	1	37	7	1.00
X858775		0.49	<0.005		<0.5	7.33	9	600	2.0	<2	0.06	<0.5	6	71	30	2.77
X858776		0.90	<0.005		<0.5	1.98	<5	140	<0.5	<2	1.25	0.5	5	23	17	3.58
X858777		0.61	<0.005		<0.5	0.91	<5	100	<0.5	<2	2.38	17.8	11	47	39	3.70

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Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
X858738		10	0.92	<10	0.86	459	<1	0.02	11	110	7	0.12	<5	4	13	<20
X858739		10	0.67	10	0.09	197	<1	4.68	4	370	18	0.02	<5	3	123	<20
X858740		20	1.76	20	1.75	563	1	2.35	49	1010	13	0.06	5	15	492	<20
X858741		20	0.07	<10	2.45	1355	1	1.58	17	320	<2	0.37	<5	36	63	<20
X858742		20	0.02	<10	0.16	428	1	1.37	1	300	2	0.66	<5	10	88	<20
X858743		10	0.02	<10	0.09	245	<1	1.78	1	220	3	0.05	<5	5	66	<20
X858744		20	0.02	10	0.29	391	1	2.76	4	440	<2	0.95	<5	12	58	<20
X858745		10	0.04	10	0.55	385	1	3.77	7	550	<2	0.06	<5	12	53	<20
X858746		10	0.16	<10	2.06	1345	1	1.95	25	580	<2	0.03	<5	33	30	<20
X858747		20	0.02	<10	3.09	1195	<1	1.51	60	410	<2	0.02	<5	40	102	<20
X858748		20	0.04	<10	3.42	1340	<1	2.37	58	470	3	0.24	<5	41	64	<20
X858749		20	0.01	<10	3.61	1310	<1	0.59	63	460	3	0.03	6	38	53	<20
X858750		10	<0.01	<10	1.91	825	<1	0.50	37	220	<2	0.02	<5	18	37	<20
X858751		<10	0.13	<10	0.36	159	<1	0.06	7	80	3	0.05	<5	1	2	<20
X858752		10	0.01	<10	2.78	1850	4	0.01	26	280	53	0.88	<5	7	26	<20
X858753		<10	0.58	10	1.82	3100	<1	0.01	11	210	2	2.26	<5	2	9	<20
X858754		20	2.42	<10	1.30	292	1	0.09	16	260	6	0.04	<5	9	38	<20
X858755		<10	0.02	<10	0.48	528	<1	<0.01	1	760	<2	0.05	<5	<1	15	<20
X858756		10	0.12	10	1.11	979	3	<0.01	11	520	4	0.05	<5	4	2	<20
X858757		<10	0.14	10	0.02	145	<1	0.01	7	240	83	1.77	<5	<1	6	<20
X858758		<10	0.22	<10	0.03	85	1	1.61	1	150	6	0.19	<5	1	22	<20
X858759		10	1.36	10	0.26	740	1	0.74	11	200	55	0.02	<5	6	49	<20
X858760		10	0.74	10	2.33	737	8	2.03	199	480	6	0.06	<5	14	268	<20
X858761		20	0.03	10	3.40	1525	<1	0.56	14	970	2	0.56	<5	48	109	<20
X858762		10	0.02	10	2.02	975	<1	1.06	5	910	<2	0.15	<5	28	77	<20
X858763		20	0.08	<10	3.45	1370	<1	2.88	71	420	6	0.17	<5	35	206	<20
X858764		10	0.03	<10	1.99	852	<1	0.67	52	250	<2	0.38	<5	21	159	<20
X858765		<10	0.04	<10	0.08	207	<1	0.48	9	1460	269	0.10	<5	1	106	<20
X858766		<10	0.15	<10	0.05	526	<1	0.02	2	180	2	0.03	<5	<1	10	<20
X858767		<10	0.02	<10	0.03	222	<1	0.18	25	50	21	1.27	<5	1	25	<20
X858768		10	0.77	10	0.09	297	<1	2.77	4	840	2	0.03	<5	2	144	<20
X858769		10	1.13	10	1.25	3510	<1	0.14	4	40	144	0.10	<5	2	558	<20
X858770		<10	0.87	10	0.29	594	1	0.28	59	240	2	1.06	<5	3	63	<20
X858771		20	0.51	10	3.21	1625	1	2.21	38	440	<2	0.15	<5	40	120	<20
X858772		<10	0.01	<10	0.02	195	<1	0.20	16	480	32	1.32	<5	<1	26	<20
X858773		10	0.89	10	0.11	233	<1	2.56	6	240	4	0.06	<5	3	93	<20
X858774		<10	0.05	<10	0.02	319	<1	0.02	2	20	5	0.02	<5	<1	13	<20
X858775		20	3.49	20	0.51	454	1	0.37	9	300	<2	0.02	<5	8	87	<20
X858776		<10	0.76	20	0.59	890	<1	0.09	13	650	30	0.09	<5	2	143	<20
X858777		<10	0.47	<10	0.80	1110	1	0.03	26	30	114	1.51	<5	1	367	<20

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CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858738		0.09	<10	<10	24	<10	67
X858739		0.08	<10	<10	20	<10	7
X858740		0.50	<10	<10	129	<10	86
X858741		0.72	<10	<10	627	<10	56
X858742		0.27	<10	<10	4	<10	10
X858743		0.19	<10	<10	32	<10	5
X858744		0.34	<10	<10	9	<10	23
X858745		0.32	<10	<10	9	<10	26
X858746		0.74	<10	<10	389	<10	95
X858747		0.81	<10	<10	289	<10	86
X858748		0.81	<10	<10	352	<10	97
X858749		0.81	<10	<10	365	<10	101
X858750		0.37	<10	<10	186	<10	56
X858751		0.03	<10	<10	9	<10	36
X858752		0.20	<10	<10	69	<10	76
X858753		0.06	<10	<10	23	<10	54
X858754		0.14	<10	<10	50	<10	79
X858755		<0.01	<10	<10	4	<10	11
X858756		0.10	<10	<10	77	<10	55
X858757		0.01	<10	<10	5	<10	3
X858758		0.05	<10	<10	6	<10	3
X858759		0.14	<10	<10	40	<10	112
X858760		0.28	<10	<10	98	<10	56
X858761		1.48	<10	<10	373	<10	123
X858762		0.88	<10	<10	145	<10	72
X858763		0.71	<10	<10	309	<10	76
X858764		0.41	<10	<10	213	<10	40
X858765		0.01	<10	<10	3	<10	8
X858766		0.01	<10	<10	5	<10	3
X858767		<0.01	<10	<10	1	<10	48
X858768		0.03	10	<10	23	<10	26
X858769		0.04	<10	<10	21	<10	858
X858770		0.04	<10	<10	19	<10	26
X858771		0.68	<10	<10	229	<10	48
X858772		0.01	<10	<10	3	<10	12
X858773		0.06	<10	<10	23	<10	18
X858774		<0.01	<10	<10	3	<10	13
X858775		0.14	<10	<10	66	<10	38
X858776		0.03	<10	<10	10	<10	66
X858777		0.02	<10	<10	8	10	5690

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Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
X858778		0.41	<0.005		<0.5	6.42	15	190	0.8	<2	0.98	<0.5	5	61	8	1.65
X858779		0.51	0.243		<0.5	6.29	>10000	80	1.5	<2	0.72	<0.5	13	7	70	11.40
X858780		0.45	0.006		<0.5	7.49	41	980	1.2	<2	3.47	0.9	33	127	176	6.98
X858781		0.53	<0.005		<0.5	6.00	31	270	1.1	<2	0.41	<0.5	5	57	3	1.49
X858782		0.48	0.423		<0.5	6.54	>10000	20	0.9	<2	1.42	0.7	21	9	60	9.87
X858783		0.49	0.015		<0.5	0.05	2920	<10	<0.5	<2	0.13	<0.5	4	38	2	0.91
X858784		0.41	0.317		<0.5	6.25	>10000	50	<0.5	<2	0.81	1.3	25	7	88	15.25
X858785		0.44	<0.005		<0.5	6.30	137	20	1.0	<2	0.64	1.2	37	19	126	3.45
X858786		0.38	3.41		0.5	5.69	>10000	40	1.1	<2	0.60	<0.5	29	16	10	5.93
X858787		0.43	0.005		<0.5	6.43	136	80	1.2	<2	1.32	<0.5	35	11	73	7.21
X858788		0.62	0.005		<0.5	5.54	82	30	0.9	<2	1.40	<0.5	64	13	418	6.10
X858789		0.56	<0.005		<0.5	6.24	147	40	0.8	<2	2.07	0.6	134	17	92	6.29
X858790		0.58	<0.005		<0.5	0.19	908	<10	<0.5	<2	1.37	<0.5	<1	36	2	1.13
X858791		0.45	0.754		<0.5	6.53	>10000	140	1.2	<2	0.89	1.0	20	9	65	11.00
X858792		0.41	<0.005		<0.5	0.69	41	20	<0.5	<2	1.31	<0.5	4	45	2	1.63
X858793		0.47	0.005		<0.5	5.39	102	410	1.7	<2	7.30	1.4	19	259	3	5.17
X858794		0.47	0.005		<0.5	0.38	15	20	<0.5	<2	0.12	<0.5	6	37	44	2.71
X858795		0.65	<0.005		<0.5	0.09	6	10	<0.5	<2	0.04	<0.5	15	41	96	2.54
X858796		0.62	<0.005		<0.5	1.25	5	40	<0.5	<2	0.27	<0.5	5	36	13	2.29
X858797		0.27	0.016		<0.5	8.54	37	990	1.7	<2	1.12	0.6	30	198	12	6.64
X858798		0.52	<0.005		<0.5	5.34	10	820	1.7	<2	6.99	2.1	29	39	55	8.59
X858799		0.36	<0.005		<0.5	3.16	<5	140	0.8	2	0.23	1.4	6	57	103	21.2
X858800		0.10	0.484		<0.5	7.99	10	420	0.6	<2	4.43	<0.5	21	200	106	4.51
X858801		0.54	<0.005		<0.5	0.13	<5	<10	<0.5	<2	0.02	<0.5	1	17	4	1.23
X858802		0.35	<0.005		<0.5	0.70	<5	30	<0.5	<2	0.13	0.5	2	25	7	7.02
X858803		0.62	<0.005		<0.5	5.32	<5	60	0.6	4	0.26	<0.5	5	34	65	22.1
X858804		0.45	<0.005		<0.5	0.46	<5	10	<0.5	<2	0.06	0.7	2	15	12	4.95
X858805		0.47	<0.005		<0.5	2.58	<5	100	<0.5	<2	1.99	<0.5	13	38	14	3.61
X858806		0.45	<0.005		<0.5	2.07	<5	170	0.7	<2	2.79	0.8	8	22	7	14.40
X858807		0.45	<0.005		<0.5	2.26	<5	240	1.0	<2	1.56	0.5	5	26	18	20.9
X858808		0.37	<0.005		<0.5	1.36	<5	130	0.7	<2	0.36	<0.5	3	27	63	15.85
X858809		0.39	<0.005		<0.5	1.30	<5	80	0.6	<2	2.15	0.9	6	21	100	14.75
X858810		0.42	<0.005		<0.5	0.89	<5	50	<0.5	<2	2.04	0.7	1	25	15	9.61
X858811		0.48	<0.005		<0.5	1.78	<5	80	<0.5	<2	0.17	<0.5	5	29	41	14.10
X858812		0.55	0.047		<0.5	2.37	<5	260	1.3	6	1.64	0.5	6	32	28	21.3
X858813		0.67	0.132		<0.5	0.08	<5	<10	<0.5	<2	0.05	<0.5	4	32	167	2.64
X858814		0.58	0.012		<0.5	2.60	<5	140	0.5	<2	3.07	0.5	8	28	241	18.90
X858815		0.45	<0.005		<0.5	4.03	<5	30	<0.5	<2	2.48	<0.5	2	19	12	14.45
X858816		0.87	0.009		<0.5	6.45	<5	220	3.1	<2	1.43	1.2	6	46	91	15.70
X858817		0.50	<0.005		<0.5	2.39	<5	<10	<0.5	<2	0.28	<0.5	5	29	228	8.59

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 20-OCT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
X858778		10	0.83	30	0.52	319	<1	4.35	13	350	99	0.01	<5	7	71	<20
X858779		10	0.32	10	0.81	2040	<1	3.52	<1	1620	<2	1.36	<5	27	48	<20
X858780		20	1.42	20	2.50	1075	1	2.43	89	2060	9	0.28	<5	24	719	<20
X858781		10	1.07	20	0.57	310	1	3.95	14	310	10	<0.01	<5	6	74	<20
X858782		20	0.08	10	0.60	1005	1	3.61	1	2150	<2	1.60	5	22	33	<20
X858783		<10	<0.01	<10	0.01	111	<1	0.02	1	20	<2	0.14	<5	<1	1	<20
X858784		20	0.17	<10	1.59	1975	1	2.08	<1	960	<2	1.17	<5	56	15	<20
X858785		20	0.07	<10	0.17	752	1	4.53	2	90	10	0.51	<5	15	45	<20
X858786		10	0.12	30	0.13	524	4	4.16	1	80	10	2.35	18	8	35	<20
X858787		20	0.26	10	0.38	1240	<1	3.76	1	1220	<2	0.42	<5	28	85	<20
X858788		20	0.08	<10	0.13	317	1	3.49	2	620	3	2.16	<5	15	62	<20
X858789		20	0.16	10	0.50	913	1	3.34	2	1250	<2	0.86	<5	25	79	<20
X858790		<10	0.01	<10	0.10	442	<1	0.02	1	10	<2	0.05	<5	4	34	<20
X858791		20	0.46	10	0.61	1910	1	4.03	<1	1940	<2	1.42	<5	31	68	<20
X858792		<10	0.10	<10	0.29	335	<1	0.12	8	30	3	0.01	<5	3	9	<20
X858793		10	1.50	<10	1.91	2660	<1	1.93	45	70	9	0.01	<5	30	201	<20
X858794		<10	0.07	<10	0.18	335	<1	0.01	12	60	7	0.63	<5	1	4	<20
X858795		<10	0.04	<10	0.01	163	<1	0.01	89	10	14	0.90	<5	<1	2	<20
X858796		<10	0.25	<10	0.47	525	<1	0.02	12	80	38	0.09	<5	1	12	<20
X858797		20	2.42	<10	2.37	1280	<1	1.71	75	230	4	0.01	<5	33	45	<20
X858798		10	2.35	30	2.78	4660	1	0.08	18	280	24	0.71	<5	7	162	<20
X858799		10	0.39	20	1.10	2200	2	0.01	19	1010	11	0.33	<5	5	9	<20
X858800		10	0.76	10	2.38	795	8	2.09	216	470	8	0.06	<5	14	267	<20
X858801		<10	0.01	<10	0.04	131	<1	0.02	1	20	<2	0.02	<5	<1	1	<20
X858802		<10	0.07	<10	0.32	1125	<1	0.01	6	370	10	0.04	<5	1	1	<20
X858803		10	0.14	<10	2.10	709	<1	0.01	5	1470	9	0.06	<5	5	5	<20
X858804		<10	0.02	<10	0.20	1665	<1	<0.01	5	100	8	0.01	<5	2	2	<20
X858805		10	0.30	<10	1.40	613	<1	0.39	23	120	7	<0.01	<5	16	25	<20
X858806		10	0.58	<10	1.66	2680	<1	0.01	19	290	4	0.01	<5	12	51	<20
X858807		10	0.67	10	1.53	3870	<1	0.26	12	260	10	0.09	<5	3	36	<20
X858808		<10	0.33	10	0.70	2160	<1	0.11	9	1110	10	0.26	<5	2	13	<20
X858809		<10	0.31	10	0.87	5290	<1	0.01	23	840	9	1.40	<5	2	22	<20
X858810		<10	0.14	10	0.64	1895	<1	0.01	7	350	12	0.05	<5	2	30	<20
X858811		<10	0.29	10	1.37	1605	<1	<0.01	16	230	33	0.84	5	3	1	<20
X858812		10	0.73	20	1.79	3650	<1	0.60	15	290	9	0.37	<5	4	51	<20
X858813		<10	0.01	<10	0.05	204	<1	0.01	8	30	<2	0.83	<5	<1	3	<20
X858814		10	0.37	10	2.38	2610	<1	0.01	25	300	5	1.42	<5	4	50	<20
X858815		10	0.08	10	2.24	2460	<1	<0.01	15	1790	6	0.08	<5	5	25	<20
X858816		10	0.88	30	0.95	1865	<1	4.12	12	20	19	0.92	<5	5	199	<20
X858817		10	0.01	<10	1.50	720	<1	0.01	7	560	15	0.16	<5	9	4	<20

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Finalisée date: 20-OCT-2019
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Projet: WILLBOB PROJECT (WB)

CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858778		0.28	<10	<10	45	<10	108
X858779		0.71	<10	<10	26	<10	42
X858780		0.51	10	<10	168	<10	125
X858781		0.25	<10	<10	46	<10	16
X858782		0.81	<10	<10	13	10	54
X858783		0.01	10	<10	2	<10	2
X858784		1.52	<10	<10	23	<10	76
X858785		0.69	<10	<10	3	<10	93
X858786		0.62	<10	<10	6	<10	29
X858787		0.67	<10	<10	1	<10	42
X858788		0.36	<10	<10	1	<10	9
X858789		0.60	<10	<10	1	<10	19
X858790		<0.01	<10	<10	6	<10	6
X858791		0.78	<10	<10	15	<10	34
X858792		0.03	<10	<10	21	<10	21
X858793		0.20	<10	<10	136	<10	61
X858794		0.01	<10	<10	7	<10	51
X858795		<0.01	<10	<10	3	<10	8
X858796		0.01	<10	<10	8	<10	50
X858797		0.38	<10	<10	264	10	63
X858798		0.21	<10	<10	26	<10	224
X858799		0.09	<10	<10	59	<10	207
X858800		0.28	<10	<10	106	<10	64
X858801		<0.01	<10	<10	2	<10	11
X858802		0.01	<10	<10	10	<10	70
X858803		0.05	<10	<10	58	<10	407
X858804		0.01	<10	<10	13	<10	43
X858805		0.19	<10	<10	107	<10	35
X858806		0.15	<10	<10	88	<10	198
X858807		0.07	10	<10	26	<10	94
X858808		0.05	<10	<10	21	<10	72
X858809		0.04	10	<10	35	<10	113
X858810		0.02	<10	<10	14	<10	78
X858811		0.05	<10	<10	26	<10	88
X858812		0.09	<10	<10	31	<10	108
X858813		<0.01	<10	<10	2	<10	11
X858814		0.08	<10	<10	40	<10	153
X858815		0.07	<10	<10	94	<10	183
X858816		0.13	<10	<10	70	<10	232
X858817		0.04	<10	<10	79	<10	101

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CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
X858818		0.65	<0.005		<0.5	1.21	<5	40	<0.5	<2	2.10	<0.5	2	24	10	3.61
X858819		0.45	0.019		<0.5	7.04	<5	320	1.0	<2	1.97	<0.5	37	72	182	12.20
X858820		0.33	<0.005		<0.5	7.52	<5	920	1.3	<2	2.51	<0.5	19	84	51	5.77
X858821		0.55	<0.005		<0.5	5.76	<5	450	1.2	<2	0.30	<0.5	5	49	27	2.52
X858822		0.33	<0.005		<0.5	4.68	<5	240	0.7	<2	0.55	<0.5	7	37	18	2.39
X858823		0.64	<0.005		0.5	0.46	<5	40	<0.5	<2	1.83	0.8	1	28	7	1.70
X858824		0.37	<0.005		<0.5	2.93	<5	70	<0.5	<2	0.58	<0.5	2	29	10	1.58
X858825		0.45	<0.005		<0.5	1.01	<5	100	<0.5	<2	0.18	<0.5	1	29	9	1.25
X858826		0.37	0.033		<0.5	2.82	<5	250	<0.5	<2	0.29	<0.5	2	23	6	1.47
X858827		0.39	<0.005		<0.5	3.36	<5	370	0.8	<2	0.32	<0.5	7	36	25	2.08
X858828		0.59	<0.005		<0.5	1.72	<5	180	<0.5	<2	2.17	<0.5	8	33	27	3.00
X858829		0.57	<0.005		<0.5	0.36	<5	30	<0.5	<2	1.03	<0.5	2	41	36	1.83
X858830		0.67	<0.005		<0.5	4.01	<5	140	<0.5	<2	0.30	<0.5	4	35	23	2.10
X858831		0.43	<0.005		<0.5	2.64	<5	60	<0.5	<2	1.36	<0.5	3	27	13	1.89
X858832		0.67	<0.005		<0.5	0.16	<5	10	0.5	3	1.21	<0.5	5	17	<1	27.0
X858833		0.37	<0.005		<0.5	6.71	5	120	<0.5	<2	7.13	<0.5	37	36	291	8.39
X858834		0.34	<0.005		<0.5	4.94	<5	50	<0.5	<2	1.41	<0.5	24	45	268	5.70
X858835		0.43	0.032		1.6	4.23	<5	70	<0.5	<2	4.56	2.7	21	40	1645	4.47

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CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
X858818		<10	0.19	<10	0.87	8910	<1	0.02	6	300	6	0.06	<5	1	248	<20
X858819		20	1.60	50	2.16	7390	12	0.91	59	3070	14	2.23	<5	9	304	20
X858820		20	2.03	30	1.70	793	1	2.04	53	840	13	0.14	<5	20	378	<20
X858821		10	2.23	20	0.47	279	1	1.30	12	240	16	0.20	<5	6	110	<20
X858822		10	1.17	20	0.45	406	1	1.94	19	180	21	0.55	<5	4	170	<20
X858823		10	0.18	<10	0.27	1115	<1	0.10	5	130	161	0.11	<5	1	116	<20
X858824		<10	0.35	10	0.06	356	<1	1.84	3	360	6	0.04	<5	1	72	<20
X858825		<10	0.44	<10	0.05	182	<1	0.14	1	310	3	0.03	<5	1	28	<20
X858826		<10	0.67	10	0.06	202	<1	1.32	4	1370	11	0.02	<5	1	101	<20
X858827		10	1.69	10	0.24	220	<1	0.18	18	140	10	0.33	<5	4	43	<20
X858828		10	0.83	10	0.64	561	<1	0.14	11	70	22	0.48	<5	2	247	<20
X858829		<10	0.13	<10	0.28	330	<1	0.09	7	60	<2	0.13	<5	1	128	<20
X858830		10	0.71	10	0.30	213	<1	2.16	7	1250	4	0.20	<5	1	187	<20
X858831		<10	0.26	10	0.26	601	<1	1.80	4	420	3	0.20	<5	1	200	<20
X858832		<10	0.08	10	2.14	12400	<1	0.02	8	150	4	0.01	<5	1	10	<20
X858833		20	0.59	<10	3.20	1485	<1	0.22	47	370	4	0.40	<5	41	163	<20
X858834		10	0.10	<10	2.60	882	<1	1.09	32	60	3	0.01	<5	28	49	<20
X858835		10	0.27	<10	2.07	936	<1	0.80	34	210	3	0.16	<5	21	83	<20

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CERTIFICAT D'ANALYSE VO19239095

Description échantillon	Méthode élément unités LDI	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858818		0.01	10	<10	10	<10	59
X858819		0.26	<10	<10	72	<10	153
X858820		0.53	<10	<10	146	<10	98
X858821		0.14	<10	<10	61	<10	38
X858822		0.09	<10	<10	31	<10	54
X858823		0.01	<10	<10	4	<10	378
X858824		0.03	<10	<10	12	<10	9
X858825		0.05	<10	<10	7	<10	7
X858826		0.03	<10	<10	15	<10	17
X858827		0.07	<10	<10	26	<10	24
X858828		0.03	<10	<10	12	<10	72
X858829		0.01	<10	<10	3	<10	9
X858830		0.03	<10	<10	13	<10	15
X858831		0.02	<10	<10	8	<10	11
X858832		0.01	10	<10	6	<10	26
X858833		0.63	<10	<10	319	<10	68
X858834		0.39	<10	<10	162	<10	50
X858835		0.34	<10	<10	145	<10	48

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CERTIFICAT D'ANALYSE VO19239095

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-AA23	Au-GRA21	ME-ICP61	

Traité à ALS Timmins, Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applique à la Méthode:	CRU-32	CRU-QC	DRY-22	LOG-21
	LOG-23	PUL-32	PUL-QC	SPL-21
	WEI-21			

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Finalisée date: 13-NOV-2019
Compte: MIDEXP

CERTIFICAT VO19241376

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 25 échantillons de reject soumis à notre laboratoire de Val d'Or, QC, Canada le 26-SEPT-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
BAG-01	Entreposage pulp de ref.
SPL-21	Échant. fractionné - div. riffles
PUL-21	Pulvériser échantillon entier
SCR-21	Filtrer à -100 - 106 um
WEI-25	Poids rejets concassés
FND-03	Localiser rejet par analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-SCR21	Au essai pyro filtre - 100 - 106 um	WST-SIM
Au-AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au-AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 13-NOV-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO19241376

Description échantillon	Méthode élément unités LDI	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01	WEI-25 Reject W kg 0.001
X858536		1.05	15.10	0.60	0.791	52.42	1618.5	0.57	0.62	1.730
X858537		1.02	11.10	0.66	0.974	87.89	2450	0.81	0.50	2.53
X858538		0.24	1.41	0.20	0.114	80.87	2009	0.24	0.15	2.24
X858539		<0.05	<0.05	<0.05	<0.001	105.05	2103	0.02	0.01	2.58
X858541		0.10	0.87	0.07	0.087	99.61	2783	0.12	0.02	2.95
X858542		0.53	2.14	0.45	0.238	111.20	2312	0.24	0.66	2.52
X858543		2.66	19.30	1.86	1.376	71.34	1492.0	1.61	2.11	1.970
X858544		2.31	17.40	1.55	1.865	107.30	2117	1.56	1.53	2.55
X858545		0.80	5.88	0.54	0.605	102.80	1967.0	0.76	0.31	2.39
X858546		0.27	1.14	0.23	0.132	115.50	2360	0.22	0.23	2.57
X858547		2.17	13.05	1.64	1.431	109.60	2255	2.17	1.11	2.39
X858548		0.14	0.39	0.13	0.031	79.85	1694.5	0.12	0.13	1.810
X858549		1.03	1.88	0.99	0.213	113.45	2091	0.97	1.00	2.24
X858550		0.67	5.34	0.47	0.520	97.29	2281	0.50	0.44	2.72
X858626		0.05	<0.05	0.05	<0.001	113.30	1025.5	0.04	0.06	1.180
X858627		<0.05	<0.05	<0.05	<0.001	100.75	928.5	0.02	0.01	1.060
X858628		0.05	<0.05	0.06	<0.001	45.30	269.7	0.02	0.09	0.290
X858629		<0.05	<0.05	<0.05	<0.001	123.30	1968.0	0.02	0.02	2.17
X858630		<0.05	<0.05	<0.05	<0.001	120.25	1541.5	0.03	0.02	1.700
X858631		0.12	1.15	0.09	0.070	60.70	1599.5	0.09	0.08	1.820
X858632		0.11	0.85	0.07	0.092	107.70	1997.0	0.07	0.06	2.27
X858633		<0.05	0.31	<0.05	0.021	68.19	1606.5	0.02	0.04	1.740
X858634		<0.05	<0.05	<0.05	<0.001	40.29	609.4	0.05	0.02	0.700
X858635		<0.05	<0.05	<0.05	<0.001	48.48	560.2	0.04	0.01	0.640
X858636		0.64	1.04	0.62	0.039	37.39	756.0	0.63	0.60	0.830

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
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ROSEMÈRE QC J7A 2H1

Finalisée date: 13-NOV-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO19241376

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au-AA25	Au-AA25D	Au-SCR21	BAG-01
FND-03	PUL-21	SCR-21	SPL-21
WEI-25			

2019 – Soils : Midland

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Finalisée date: 11-AOUT-2019
Compte: MIDEXP

CERTIFICAT VO19180218

Projet: WILLBOB PROJECT(WB)

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 19-JUIL-2019.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

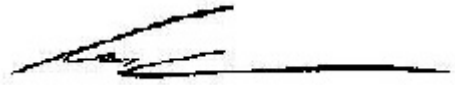
CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
SCR-41	Filtrer à -180 um et enregistrer les deux

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS41L	Super Trace Lowest DL AR by ICP-MS	

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 11-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT(WB)

CERTIFICAT D'ANALYSE VO19180218

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS41L Au ppm 0.0002	ME-MS41L Ag ppm 0.001	ME-MS41L Al % 0.01	ME-MS41L As ppm 0.01	ME-MS41L B ppm 10	ME-MS41L Ba ppm 0.5	ME-MS41L Be ppm 0.01	ME-MS41L Bi ppm 0.0005	ME-MS41L Ca % 0.01	ME-MS41L Cd ppm 0.001	ME-MS41L Ce ppm 0.003	ME-MS41L Co ppm 0.001	ME-MS41L Cr ppm 0.01
S437861		0.36	<0.001	0.0005	0.100	1.16	3.91	<10	72.2	0.45	0.0740	0.59	0.192	46.5	7.02	26.6
S437862		0.42	<0.001	0.0009	0.104	1.13	3.44	<10	60.5	0.42	0.0681	0.65	0.317	45.7	6.59	26.4
S437863		0.36	<0.001	0.0004	0.048	0.82	3.34	<10	44.6	0.33	0.0520	0.41	0.121	41.5	6.44	20.5
S437864		0.48	0.001	0.0005	0.035	0.66	2.41	<10	33.7	0.28	0.0446	0.37	0.101	38.1	5.86	20.8
S437865		0.46	<0.001	0.0009	0.037	0.74	2.73	<10	39.1	0.30	0.0476	0.35	0.111	38.3	6.32	19.45
S437866		0.40	0.028	0.0030	0.059	0.93	5.10	<10	59.0	0.36	0.0581	0.50	0.224	45.0	7.82	21.7
S437867		0.46	<0.001	0.0004	0.059	0.85	4.36	<10	46.5	0.33	0.0481	0.48	0.184	37.1	6.78	18.60
S437868		0.46	<0.001	0.0958	0.093	0.92	5.77	<10	59.4	0.34	0.0486	0.61	0.236	37.4	6.44	21.2
S437869		0.48	<0.001	0.0005	0.050	0.81	4.74	<10	50.0	0.32	0.0544	0.46	0.184	43.8	8.00	19.10
S437870		0.56	0.001	0.0010	0.109	1.14	13.40	<10	68.4	0.42	0.0657	0.73	0.333	44.6	11.35	23.8
S437871		0.40	0.001	0.0006	0.061	0.87	11.10	<10	49.2	0.31	0.0460	0.59	0.202	34.4	8.60	18.20
S437872		0.42	0.002	0.0006	0.070	0.99	9.50	<10	61.1	0.36	0.0523	0.73	0.245	36.6	7.79	19.80
S437873		0.40	0.002	0.0014	0.069	0.95	6.27	<10	51.1	0.33	0.0473	0.62	0.193	34.8	6.97	18.70
S437874		0.50	0.001	0.0004	0.040	0.70	4.05	<10	38.3	0.27	0.0408	0.47	0.160	31.7	5.72	14.85
S437875		0.46	0.001	0.0006	0.058	1.05	15.00	<10	65.1	0.40	0.0554	0.54	0.289	39.4	11.95	24.7
S437876		0.48	0.006	0.0004	0.050	0.98	14.40	<10	48.7	0.35	0.0477	0.53	0.112	30.8	7.66	21.1
S437877		0.46	0.002	0.0008	0.051	0.87	9.21	<10	44.2	0.33	0.0462	0.53	0.118	33.4	6.60	19.30
S437878		0.42	0.001	0.0006	0.075	1.11	12.90	<10	62.2	0.41	0.0592	0.71	0.168	39.6	7.72	24.0
S437879		0.44	0.001	0.0003	0.048	1.00	8.62	<10	55.6	0.37	0.0537	0.58	0.150	37.9	7.14	21.3
S437880		0.10	0.002	0.0005	0.020	1.03	1.36	<10	53.6	0.20	0.0111	0.76	0.007	9.24	3.70	13.70
S437881		0.38	0.001	0.0014	0.062	0.97	7.79	<10	61.3	0.36	0.0520	0.73	0.289	39.6	8.27	20.2
S437882		0.52	0.002	0.0005	0.053	1.12	4.73	<10	63.4	0.43	0.0632	0.63	0.123	46.6	8.05	24.5
S437883		0.50	0.001	0.0010	0.056	1.03	5.87	<10	53.6	0.37	0.0539	0.64	0.151	38.5	5.99	21.8
S437884		0.44	<0.001	0.0005	0.036	0.90	3.24	<10	42.8	0.32	0.0476	0.49	0.099	36.6	5.44	19.10
S437885		0.50	0.001	0.0009	0.074	1.23	4.40	<10	67.1	0.49	0.0727	0.71	0.094	55.3	8.20	25.5
S437886		0.50	0.001	0.0004	0.046	0.87	3.22	<10	44.0	0.30	0.0463	0.50	0.125	35.7	5.91	18.45
S437887		0.40	<0.001	0.0007	0.038	0.91	3.33	<10	44.4	0.33	0.0600	0.51	0.078	38.6	5.77	18.80
S437888		0.54	<0.001	0.0005	0.032	0.86	2.95	<10	40.0	0.31	0.0451	0.50	0.113	35.3	5.44	17.65
S437889		0.46	0.001	0.0003	0.049	1.02	4.66	<10	53.2	0.37	0.0605	0.60	0.143	42.4	7.00	21.4
S437890		0.48	0.001	0.0008	0.028	0.92	3.96	<10	50.1	0.34	0.0496	0.44	0.108	41.3	7.21	18.05
S437891		0.54	<0.001	0.0023	0.044	0.96	3.75	<10	46.5	0.35	0.0523	0.52	0.089	38.4	6.18	18.65
S437892		0.48	0.001	0.0005	0.047	0.99	4.74	<10	49.7	0.37	0.0506	0.56	0.135	39.4	7.36	20.1
S437893		0.48	<0.001	0.0012	0.051	1.02	4.68	<10	58.7	0.36	0.0582	0.70	0.160	39.9	7.38	20.5
S437894		0.40	0.002	0.0006	0.073	1.09	3.91	<10	59.7	0.37	0.0595	0.63	0.203	37.1	7.34	20.8
S437895		0.46	0.001	0.0005	0.042	1.07	3.40	<10	56.4	0.35	0.0515	0.54	0.206	44.4	7.88	20.5
S437896		0.54	0.001	0.0006	0.042	1.27	3.82	<10	62.8	0.38	0.0551	0.56	0.175	45.9	8.66	21.1
S437897		0.58	0.004	0.0005	0.049	1.07	3.60	<10	59.8	0.35	0.0516	0.56	0.217	41.3	7.99	20.3
S437898		0.48	<0.001	0.0004	0.032	0.96	4.17	<10	51.5	0.35	0.0536	0.47	0.122	39.7	7.90	20.0
S437899		0.48	<0.001	0.0012	0.030	0.80	2.92	<10	41.9	0.27	0.0415	0.42	0.073	36.1	6.13	17.85
S437900		0.14	0.037	0.0198	1.335	1.02	3.42	40	14.8	0.04	0.460	0.35	0.577	2.22	303	1160

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT(WB)

CERTIFICAT D'ANALYSE VO19180218

Description échantillon	Méthode élément unités LDI	ME-MS41L Cs ppm 0.005	ME-MS41L Cu ppm 0.01	ME-MS41L Fe % 0.001	ME-MS41L Ga ppm 0.004	ME-MS41L Ge ppm 0.005	ME-MS41L Hf ppm 0.002	ME-MS41L Hg ppm 0.004	ME-MS41L In ppm 0.005	ME-MS41L K % 0.01	ME-MS41L La ppm 0.002	ME-MS41L Li ppm 0.1	ME-MS41L Mg % 0.01	ME-MS41L Mn ppm 0.1	ME-MS41L Mo ppm 0.01	ME-MS41L Na % 0.001
S437861		1.020	32.6	2.31	4.46	0.098	0.028	0.059	0.014	0.12	29.7	14.3	0.42	694	0.46	0.017
S437862		0.945	31.1	2.35	3.74	0.112	0.025	0.065	0.013	0.12	30.8	13.6	0.42	470	0.43	0.015
S437863		0.688	18.10	2.07	3.17	0.099	0.058	0.029	0.011	0.10	20.3	10.8	0.36	566	0.33	0.014
S437864		0.531	13.50	2.04	2.59	0.082	0.072	0.019	0.009	0.08	16.70	8.9	0.31	386	0.24	0.011
S437865		0.582	15.15	1.890	2.85	0.086	0.069	0.015	0.007	0.09	16.85	10.2	0.35	509	0.30	0.010
S437866		0.784	25.2	2.18	3.28	0.093	0.053	0.036	0.011	0.11	22.3	11.9	0.40	890	0.49	0.014
S437867		0.660	22.2	1.940	2.99	0.086	0.036	0.034	0.009	0.09	21.5	11.3	0.37	680	0.37	0.012
S437868		0.786	27.2	2.18	2.97	0.088	0.035	0.052	0.009	0.09	25.0	11.6	0.35	842	0.48	0.013
S437869		0.743	23.2	1.760	3.06	0.088	0.062	0.027	0.012	0.09	22.0	10.8	0.36	613	0.39	0.012
S437870		0.934	44.5	2.49	3.63	0.102	0.034	0.075	0.012	0.10	30.1	13.9	0.42	1220	0.76	0.014
S437871		0.712	29.4	1.910	2.75	0.075	0.035	0.050	0.010	0.07	22.2	11.5	0.35	698	0.58	0.010
S437872		0.781	32.0	2.04	2.94	0.082	0.031	0.045	0.013	0.08	26.5	12.7	0.36	634	0.50	0.012
S437873		0.660	28.3	1.980	2.79	0.083	0.040	0.053	0.009	0.09	21.3	12.1	0.38	526	0.44	0.013
S437874		0.510	18.95	1.610	2.43	0.078	0.047	0.031	0.009	0.07	16.20	9.1	0.32	468	0.31	0.011
S437875		0.891	38.4	3.02	3.34	0.093	0.029	0.032	0.012	0.10	20.5	13.4	0.46	1290	0.70	0.011
S437876		0.839	41.0	2.42	2.97	0.074	0.031	0.035	0.011	0.09	17.20	12.3	0.40	649	0.45	0.012
S437877		0.723	30.2	2.19	2.96	0.081	0.032	0.039	0.010	0.08	19.65	11.1	0.37	507	0.52	0.011
S437878		0.956	44.4	2.48	3.51	0.093	0.036	0.046	0.013	0.11	23.6	13.4	0.44	585	0.53	0.016
S437879		0.849	32.7	2.29	3.54	0.088	0.037	0.029	0.014	0.10	20.8	12.5	0.42	545	0.44	0.016
S437880		0.114	18.70	2.37	4.05	0.073	0.139	<0.004	<0.005	0.07	4.30	1.0	0.47	573	3.74	0.063
S437881		0.803	36.0	2.25	3.22	0.100	0.043	0.051	0.011	0.11	21.5	12.3	0.43	795	0.53	0.015
S437882		0.870	25.5	2.28	4.17	0.100	0.055	0.029	0.015	0.12	23.9	13.5	0.52	627	0.60	0.021
S437883		0.833	29.2	2.17	3.67	0.096	0.045	0.037	0.010	0.09	22.4	13.3	0.55	453	0.37	0.014
S437884		0.721	17.35	1.940	3.34	0.083	0.058	0.024	0.009	0.09	18.50	11.6	0.52	448	0.37	0.012
S437885		0.959	32.4	2.43	4.75	0.118	0.055	0.039	0.015	0.12	30.9	14.4	0.60	656	0.82	0.020
S437886		0.787	19.95	1.830	3.14	0.077	0.053	0.025	0.011	0.09	18.60	11.1	0.52	475	0.37	0.011
S437887		0.747	19.80	1.870	3.62	0.084	0.051	0.035	0.012	0.09	20.1	11.4	0.50	433	0.49	0.015
S437888		0.717	18.30	1.820	3.11	0.081	0.051	0.023	0.010	0.09	18.75	10.9	0.51	453	0.34	0.013
S437889		0.898	27.7	2.06	3.52	0.089	0.053	0.027	0.011	0.10	21.7	12.7	0.54	526	0.50	0.015
S437890		0.761	17.15	2.15	3.31	0.086	0.063	0.014	0.010	0.11	18.00	12.2	0.54	720	0.61	0.012
S437891		0.754	20.3	1.910	3.37	0.081	0.051	0.029	0.009	0.09	20.7	12.0	0.53	495	0.48	0.013
S437892		0.842	24.7	2.23	3.57	0.097	0.050	0.029	0.013	0.10	20.6	12.4	0.57	695	0.54	0.013
S437893		0.993	31.2	2.11	3.84	0.095	0.067	0.050	0.012	0.11	23.9	13.0	0.63	612	0.47	0.015
S437894		1.175	29.2	2.17	4.19	0.100	0.078	0.055	0.014	0.13	22.3	13.6	0.69	569	0.46	0.015
S437895		1.075	24.1	2.48	4.39	0.125	0.062	0.033	0.011	0.13	22.9	13.4	0.73	904	0.45	0.010
S437896		1.230	26.6	2.97	4.88	0.158	0.069	0.034	0.014	0.16	25.5	15.5	0.91	1100	0.51	0.008
S437897		1.095	26.2	2.40	4.11	0.116	0.062	0.034	0.010	0.12	23.3	13.5	0.71	870	0.45	0.011
S437898		0.891	21.4	2.51	3.50	0.099	0.083	0.029	0.013	0.10	20.7	12.8	0.61	670	0.57	0.009
S437899		0.828	17.15	1.900	3.08	0.085	0.067	0.017	0.011	0.08	19.20	10.6	0.51	415	0.36	0.007
S437900		0.162	3950	14.85	2.69	0.380	0.082	0.032	0.135	0.01	1.030	0.9	10.15	502	1.09	0.013

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
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Finalisée date: 11-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT(WB)

CERTIFICAT D'ANALYSE VO19180218

Description échantillon	Méthode élément unités LDI	ME-MS41L Nb ppm 0.002	ME-MS41L Ni ppm 0.04	ME-MS41L P % 0.001	ME-MS41L Pb ppm 0.005	ME-MS41L Pd ppm 0.001	ME-MS41L Pt ppm 0.002	ME-MS41L Rb ppm 0.005	ME-MS41L Re ppm 0.0002	ME-MS41L S % 0.01	ME-MS41L Sb ppm 0.005	ME-MS41L Sc ppm 0.005	ME-MS41L Se ppm 0.003	ME-MS41L Sn ppm 0.01	ME-MS41L Sr ppm 0.01	ME-MS41L Ta ppm 0.005
S437861		1.405	18.45	0.066	8.23	<0.001	<0.002	13.10	0.0007	0.04	0.212	2.84	0.520	0.47	19.50	<0.005
S437862		1.340	18.00	0.079	7.88	<0.001	<0.002	12.95	0.0008	0.06	0.218	2.73	0.635	0.42	18.65	<0.005
S437863		1.265	13.25	0.068	6.21	<0.001	<0.002	9.35	0.0002	0.02	0.158	2.36	0.205	0.34	12.05	<0.005
S437864		1.235	10.65	0.072	5.58	<0.001	<0.002	7.24	0.0002	0.01	0.142	1.960	0.125	0.32	10.30	<0.005
S437865		1.255	11.80	0.060	6.28	<0.001	<0.002	8.23	0.0002	0.01	0.145	2.09	0.106	0.29	10.20	<0.005
S437866		1.490	16.50	0.066	7.56	<0.001	<0.002	10.65	0.0005	0.03	0.225	2.39	0.362	0.39	14.70	<0.005
S437867		1.185	14.60	0.062	5.50	<0.001	<0.002	8.67	0.0004	0.03	0.161	2.18	0.366	0.29	13.70	<0.005
S437868		1.170	15.85	0.069	5.61	0.001	<0.002	10.65	0.0004	0.04	0.158	2.22	0.576	0.31	17.40	<0.005
S437869		1.475	15.05	0.060	7.29	<0.001	<0.002	10.25	0.0003	0.02	0.167	2.28	0.310	0.34	14.25	<0.005
S437870		1.255	22.3	0.080	7.30	<0.001	<0.002	13.45	0.0009	0.05	0.203	2.82	0.808	0.34	20.4	<0.005
S437871		1.135	16.05	0.053	5.37	<0.001	<0.002	10.60	0.0006	0.04	0.164	2.04	0.628	0.28	15.95	<0.005
S437872		1.240	17.25	0.051	5.79	<0.001	<0.002	11.25	0.0004	0.04	0.152	2.31	0.642	0.32	19.75	<0.005
S437873		1.120	15.75	0.063	5.33	<0.001	<0.002	10.05	0.0002	0.04	0.157	2.24	0.651	0.29	16.20	<0.005
S437874		1.150	11.55	0.059	4.63	<0.001	<0.002	7.70	0.0002	0.02	0.159	1.995	0.377	0.27	12.65	<0.005
S437875		1.120	19.35	0.062	7.00	<0.001	<0.002	12.65	0.0004	0.03	0.181	2.37	0.501	0.33	14.90	<0.005
S437876		1.100	14.65	0.060	5.54	<0.001	<0.002	10.70	0.0003	0.03	0.133	2.23	0.393	0.32	14.55	<0.005
S437877		1.195	13.30	0.060	6.05	<0.001	<0.002	10.35	0.0004	0.03	0.143	2.22	0.423	0.32	13.90	<0.005
S437878		1.350	17.75	0.073	7.01	<0.001	<0.002	13.80	0.0003	0.04	0.170	2.71	0.722	0.40	20.2	<0.005
S437879		1.415	15.20	0.060	7.10	0.002	<0.002	12.30	0.0003	0.03	0.156	2.77	0.373	0.37	17.10	<0.005
S437880		0.484	6.46	0.038	0.900	<0.001	<0.002	1.925	0.0003	0.05	0.131	3.07	0.006	1.64	27.5	0.013
S437881		1.355	16.25	0.061	6.50	<0.001	<0.002	12.65	0.0003	0.04	0.182	2.48	0.779	0.33	19.55	<0.005
S437882		1.650	15.60	0.069	7.70	<0.001	<0.002	14.80	0.0002	0.02	0.178	3.04	0.305	0.44	18.50	<0.005
S437883		1.430	14.35	0.055	6.63	<0.001	<0.002	13.00	0.0002	0.03	0.124	2.51	0.421	0.37	18.00	<0.005
S437884		1.340	11.30	0.054	5.93	<0.001	<0.002	11.60	<0.0002	0.02	0.109	2.20	0.195	0.34	14.15	<0.005
S437885		1.610	16.80	0.067	9.10	<0.001	<0.002	16.25	0.0003	0.03	0.161	3.21	0.408	0.43	21.5	<0.005
S437886		1.320	12.05	0.050	6.19	<0.001	<0.002	12.15	<0.0002	0.02	0.109	2.11	0.243	0.32	14.75	<0.005
S437887		1.400	12.50	0.053	6.52	<0.001	<0.002	12.10	0.0002	0.02	0.126	2.40	0.225	0.34	15.00	<0.005
S437888		1.400	11.35	0.053	5.78	<0.001	<0.002	10.95	<0.0002	0.02	0.113	2.10	0.255	0.31	13.55	<0.005
S437889		1.505	14.25	0.060	7.22	<0.001	<0.002	14.25	0.0003	0.03	0.142	2.40	0.389	0.39	16.85	<0.005
S437890		1.475	12.30	0.050	7.00	<0.001	<0.002	13.00	<0.0002	0.02	0.128	2.14	0.201	0.36	12.65	<0.005
S437891		1.425	12.45	0.051	6.76	<0.001	<0.002	12.30	<0.0002	0.02	0.125	2.24	0.244	0.36	14.85	<0.005
S437892		1.340	13.50	0.055	7.11	<0.001	<0.002	13.40	0.0002	0.02	0.128	2.34	0.316	0.37	15.00	<0.005
S437893		1.845	15.25	0.058	7.57	<0.001	<0.002	16.40	0.0003	0.02	0.154	2.51	0.491	0.44	19.95	<0.005
S437894		1.870	16.40	0.056	7.58	<0.001	<0.002	18.25	<0.0002	0.03	0.136	2.66	0.485	0.40	19.30	<0.005
S437895		1.710	16.95	0.047	7.26	0.001	<0.002	17.85	0.0002	0.02	0.125	2.70	0.376	0.36	17.50	<0.005
S437896		1.515	17.85	0.043	8.43	0.002	<0.002	20.9	0.0002	0.01	0.116	2.85	0.331	0.39	18.45	<0.005
S437897		1.670	17.05	0.050	7.55	<0.001	<0.002	17.45	<0.0002	0.02	0.131	2.59	0.385	0.37	18.55	<0.005
S437898		1.780	15.65	0.047	6.91	<0.001	<0.002	15.90	0.0003	0.02	0.144	2.31	0.243	0.36	14.45	<0.005
S437899		1.635	12.20	0.048	5.70	0.002	<0.002	13.05	0.0002	0.01	0.107	2.07	0.178	0.35	13.35	<0.005
S437900		0.011	>10000	0.005	12.25	1.005	0.193	0.735	0.0135	4.92	1.045	7.35	10.70	2.49	2.89	<0.005

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 11-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT(WB)

CERTIFICAT D'ANALYSE VO19180218

Description échantillon	Méthode élément unités LDI	ME-MS41L Te ppm 0.003	ME-MS41L Th ppm 0.002	ME-MS41L Ti % 0.001	ME-MS41L Tl ppm 0.001	ME-MS41L U ppm 0.005	ME-MS41L V ppm 0.1	ME-MS41L W ppm 0.001	ME-MS41L Y ppm 0.003	ME-MS41L Zn ppm 0.1	ME-MS41L Zr ppm 0.01
S437861		0.013	2.74	0.080	0.106	1.890	33.3	0.185	10.10	58.7	1.40
S437862		0.016	2.38	0.070	0.079	2.00	31.4	0.151	11.00	85.5	1.38
S437863		0.010	3.85	0.070	0.067	0.864	27.4	0.154	6.70	44.1	2.49
S437864		0.008	3.99	0.067	0.051	0.672	29.4	0.135	5.75	35.0	2.93
S437865		0.008	4.60	0.069	0.059	0.726	24.9	0.139	5.67	37.8	3.22
S437866		0.015	3.50	0.073	0.080	1.085	28.8	0.160	7.48	59.2	2.39
S437867		0.013	2.77	0.061	0.068	1.030	23.4	0.140	7.23	51.6	1.56
S437868		0.014	2.03	0.057	0.072	1.270	27.5	0.135	8.62	64.6	1.24
S437869		0.014	3.30	0.071	0.072	1.465	24.0	0.154	7.39	52.1	2.33
S437870		0.018	2.06	0.063	0.101	2.20	27.8	0.137	10.75	77.1	1.40
S437871		0.012	1.935	0.055	0.062	1.830	21.5	0.114	7.76	55.9	1.36
S437872		0.016	2.12	0.057	0.068	1.350	22.9	0.124	8.93	66.3	1.27
S437873		0.013	2.27	0.058	0.065	1.080	21.5	0.271	7.63	63.9	1.32
S437874		0.009	2.35	0.056	0.050	0.760	18.2	0.115	5.74	44.4	1.72
S437875		0.013	2.46	0.060	0.099	1.565	26.8	0.134	7.36	63.7	1.48
S437876		0.013	2.03	0.058	0.068	1.230	24.6	0.127	6.32	48.7	1.23
S437877		0.014	2.12	0.059	0.060	1.500	23.4	0.133	6.88	47.8	1.28
S437878		0.018	2.40	0.068	0.081	1.595	28.5	0.153	8.84	70.1	1.40
S437879		0.014	2.72	0.073	0.074	1.070	26.9	0.145	7.35	57.5	1.55
S437880		0.003	1.890	0.070	0.010	0.348	19.9	0.253	6.86	28.2	3.69
S437881		0.024	2.71	0.064	0.082	1.100	25.3	0.148	7.78	72.8	1.63
S437882		0.016	3.81	0.092	0.095	1.100	32.8	0.183	7.94	53.2	2.40
S437883		0.016	3.28	0.073	0.074	1.160	27.3	0.336	7.71	56.3	1.77
S437884		0.012	3.23	0.074	0.067	0.924	25.8	0.133	5.83	38.5	1.97
S437885		0.019	3.89	0.089	0.101	1.930	34.3	0.173	9.94	50.5	2.26
S437886		0.017	3.17	0.074	0.071	0.882	24.7	0.122	6.27	40.4	2.21
S437887		0.018	3.45	0.076	0.071	1.125	25.6	0.140	6.56	39.6	2.21
S437888		0.014	3.31	0.070	0.066	0.906	23.6	0.116	6.10	38.7	2.09
S437889		0.016	3.24	0.080	0.084	1.250	28.2	0.220	7.48	52.0	2.13
S437890		0.018	3.69	0.079	0.083	0.882	26.7	0.143	5.88	41.4	2.76
S437891		0.015	3.53	0.076	0.074	1.120	24.8	0.132	6.39	40.4	2.06
S437892		0.017	3.41	0.075	0.085	1.510	27.7	0.137	6.98	45.9	2.13
S437893		0.022	2.87	0.081	0.096	1.760	27.1	0.142	8.40	59.6	3.22
S437894		0.021	2.95	0.085	0.112	1.470	26.2	0.140	8.01	69.8	3.11
S437895		0.028	3.71	0.082	0.112	1.350	28.2	0.138	7.54	62.6	3.18
S437896		0.037	4.18	0.085	0.124	2.11	29.7	0.180	8.38	62.5	3.40
S437897		0.028	3.41	0.081	0.112	1.365	28.4	0.123	8.22	64.9	2.82
S437898		0.022	3.62	0.084	0.093	1.500	28.3	0.182	7.53	50.4	3.98
S437899		0.014	3.16	0.074	0.071	1.185	25.3	0.140	6.58	42.5	3.13
S437900		1.220	0.360	0.027	0.032	0.081	42.0	0.390	2.56	45.4	2.89

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 11-AOUT-2019
Compte: MIDEXP

Projet: WILLBOB PROJECT(WB)

CERTIFICAT D'ANALYSE VO19180218

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyses de l'or par cette méthode sont semi-quantitatif à cause du peu d'échantillon pesée (0.5g).
ME-MS41L

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	LOG-21	LOG-23	ME-MS41L
SCR-41	WEI-21		

2018 – CERTIFICATES: Midland

2018 – Prospection : Midland

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À: EXPLORATION MIDLAND INC
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Finalisée date: 9- AOUT- 2018
Compte: MIDEXP

CERTIFICAT VO18174806

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 85 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIL- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21	Entrée échantillon - Code barre client
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 9- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18174806

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
X858001		0.47	0.005		<0.5	7.70	<5	1120	1.0	<2	2.39	0.5	23	110	23	6.87
X858002		3.35	0.029		<0.5	6.17	5	210	0.8	<2	3.25	0.7	19	6	39	9.16
X858003		3.85	<0.005		<0.5	4.57	<5	130	0.7	<2	3.13	<0.5	11	11	4	6.41
X858004		4.46	<0.005		<0.5	5.34	<5	160	0.8	<2	2.81	<0.5	15	9	7	7.62
X858005		3.06	<0.005		<0.5	6.64	<5	150	0.7	2	4.71	<0.5	14	6	12	8.15
X858006		1.05	<0.005		<0.5	6.37	<5	90	0.8	<2	2.37	0.6	18	6	2	9.72
X858007		2.62	<0.005		<0.5	6.57	<5	70	0.9	<2	1.73	<0.5	14	4	2	8.90
X858008		2.58	2.43		<0.5	7.10	<5	60	<0.5	<2	1.98	0.9	59	1	268	15.90
X858009		2.46	2.01		<0.5	3.75	<5	50	<0.5	<2	19.65	1.0	42	1	168	10.10
X858010		2.26	0.093		<0.5	3.29	<5	110	<0.5	<2	4.01	0.8	29	9	52	9.21
X858011		2.95	0.137		<0.5	4.90	<5	170	<0.5	<2	3.47	0.7	44	4	90	12.55
X858012		2.13	<0.005		<0.5	5.71	<5	60	<0.5	<2	3.28	1.0	35	2	2	12.85
X858013		3.98	<0.005		<0.5	6.04	10	180	<0.5	<2	2.44	0.8	46	2	2	15.90
X858014		2.84	0.005		<0.5	5.44	<5	110	<0.5	<2	4.13	1.0	35	6	7	13.75
X858015		2.62	<0.005		<0.5	4.10	<5	10	<0.5	<2	2.06	<0.5	24	9	7	10.20
X858016		1.59	0.149		<0.5	0.19	<5	<10	<0.5	<2	0.60	<0.5	2	11	2	0.82
X858017		1.14	<0.005		<0.5	0.02	<5	<10	<0.5	<2	24.1	<0.5	1	6	<1	0.49
X858018		1.21	<0.005		<0.5	0.02	<5	<10	<0.5	<2	22.5	<0.5	<1	5	1	0.53
X858019		3.36	0.052		<0.5	2.34	<5	10	<0.5	<2	1.78	<0.5	6	19	11	4.08
X858020		0.10	4.24		0.7	6.90	31	590	0.8	3	2.48	1.0	20	62	147	5.26
X858021		3.70	1.510		<0.5	6.63	<5	180	0.7	<2	2.15	0.6	22	12	152	12.35
X858022		3.01	0.547		<0.5	6.38	<5	230	0.8	<2	3.45	<0.5	16	10	145	11.20
X858023		2.96	0.120		<0.5	5.74	<5	180	0.8	<2	2.87	<0.5	30	9	106	10.10
X858024		2.64	0.007		<0.5	6.40	6	140	1.2	<2	3.28	<0.5	17	8	23	8.95
X858025		3.36	<0.005		<0.5	6.45	<5	80	1.1	<2	2.44	<0.5	15	12	2	8.59
X858026		2.88	<0.005		<0.5	5.75	<5	60	0.9	4	1.37	<0.5	12	18	1	7.71
X858027		2.54	1.140		<0.5	4.33	<5	20	<0.5	<2	3.64	<0.5	19	13	106	6.96
X858028		2.41	<0.005		<0.5	6.04	<5	200	0.6	<2	3.91	0.9	44	1	105	15.10
X858029		2.90	<0.005		<0.5	5.91	<5	200	0.6	<2	3.57	0.8	44	1	105	15.00
X858030		1.93	0.005		<0.5	6.19	<5	200	0.6	<2	3.20	0.6	44	1	99	15.50
X858031		3.74	<0.005		<0.5	6.33	10	160	0.5	<2	2.75	<0.5	44	1	9	14.55
X858032		2.98	<0.005		<0.5	6.97	8	70	<0.5	<2	2.70	0.5	37	2	2	14.10
X858033		1.97	0.006		<0.5	1.20	<5	10	<0.5	<2	3.42	<0.5	5	12	6	3.32
X858034		2.35	0.036		<0.5	0.89	<5	<10	<0.5	<2	1.46	<0.5	12	13	63	3.28
X858035		3.07	0.038		<0.5	0.65	<5	<10	<0.5	<2	1.90	<0.5	27	16	189	3.25
X858036		4.45	<0.005		<0.5	0.77	<5	<10	<0.5	<2	1.12	<0.5	3	25	3	2.25
X858037		3.37	<0.005		<0.5	0.02	<5	<10	<0.5	<2	0.53	<0.5	1	25	3	0.44
X858038		3.28	<0.005		<0.5	0.73	<5	<10	<0.5	<2	1.20	<0.5	2	24	7	1.05
X858039		3.91	0.643		<0.5	7.12	<5	20	0.7	<2	1.51	<0.5	16	61	150	6.63
X858040		0.43	0.006		<0.5	7.55	<5	1010	1.1	<2	2.85	0.5	26	111	124	6.48

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À: EXPLORATION MIDLAND INC
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Finalisée date: 9- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18174806

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
X858001		20	1.87	20	2.04	934	1	2.05	48	960	9	0.06	<5	27	412	<20
X858002		30	0.44	10	0.60	1685	<1	2.60	1	920	2	0.20	<5	27	142	<20
X858003		20	0.25	10	0.44	1260	1	1.88	<1	670	4	0.01	<5	19	114	<20
X858004		30	0.28	10	0.54	1430	<1	2.22	<1	730	3	0.04	<5	23	122	<20
X858005		40	0.26	10	0.60	1425	<1	2.16	<1	720	5	0.06	<5	25	182	<20
X858006		30	0.17	10	1.16	1335	<1	2.61	<1	880	5	0.01	5	25	60	<20
X858007		30	0.15	10	1.09	1145	<1	2.65	<1	800	3	0.01	<5	24	83	<20
X858008		20	0.17	10	1.85	1800	<1	2.35	1	1410	2	1.25	<5	48	23	<20
X858009		20	0.10	<10	1.16	2370	<1	0.89	1	410	5	0.72	<5	28	123	<20
X858010		10	0.20	<10	1.08	1475	1	0.59	<1	420	2	0.24	<5	24	45	<20
X858011		20	0.36	<10	1.47	1900	<1	1.22	<1	920	<2	0.44	<5	39	60	<20
X858012		20	0.13	10	1.97	1640	<1	0.95	1	1050	<2	0.01	<5	41	37	<20
X858013		20	0.37	<10	2.10	2370	<1	0.98	<1	1150	<2	0.01	<5	37	53	<20
X858014		20	0.20	<10	1.88	2100	<1	1.05	2	940	3	0.02	5	26	32	<20
X858015		20	0.02	<10	1.42	1385	<1	0.57	3	840	3	0.02	<5	18	12	<20
X858016		<10	0.01	<10	0.07	136	1	0.03	<1	110	<2	0.01	<5	2	2	<20
X858017		<10	<0.01	<10	0.03	1320	<1	0.01	<1	<10	3	<0.01	<5	6	185	<20
X858018		<10	<0.01	<10	0.03	1245	1	0.01	<1	<10	3	<0.01	<5	6	175	<20
X858019		10	0.03	10	0.55	560	1	0.83	3	670	<2	0.06	<5	11	14	<20
X858020		20	1.11	10	1.49	865	7	2.18	43	750	48	0.14	8	16	271	<20
X858021		20	0.35	20	1.12	1755	<1	3.07	3	1870	5	0.94	<5	33	78	<20
X858022		20	0.44	20	0.76	1790	<1	2.66	<1	1740	8	0.78	<5	32	174	<20
X858023		20	0.36	20	0.83	1695	<1	2.50	2	1550	4	0.60	<5	28	108	<20
X858024		30	0.28	10	0.87	1490	1	2.38	2	1090	4	0.09	<5	30	146	<20
X858025		30	0.17	10	1.05	1200	<1	2.43	5	980	7	0.01	<5	23	113	<20
X858026		20	0.11	10	1.05	981	<1	2.36	5	940	2	<0.01	<5	20	72	<20
X858027		20	0.05	10	0.80	799	<1	1.67	1	890	5	0.65	<5	26	51	<20
X858028		20	0.48	<10	1.69	2590	<1	1.42	<1	860	7	0.43	<5	51	116	<20
X858029		20	0.48	<10	1.67	2520	<1	1.48	<1	830	5	0.45	<5	50	103	<20
X858030		30	0.40	<10	1.77	2480	<1	1.50	<1	810	6	0.36	<5	51	93	<20
X858031		20	0.34	10	1.91	2290	1	1.56	<1	960	<2	0.03	<5	49	66	<20
X858032		30	0.15	10	2.01	2060	<1	1.90	2	1040	<2	<0.01	<5	52	38	<20
X858033		10	0.01	<10	0.48	595	<1	0.08	<1	40	2	0.02	<5	5	24	<20
X858034		10	0.01	<10	0.35	464	1	0.05	2	170	<2	0.33	<5	4	8	<20
X858035		<10	0.01	<10	0.18	313	1	0.17	2	1160	<2	1.09	<5	6	10	<20
X858036		<10	<0.01	<10	0.28	312	1	0.09	1	270	<2	0.01	<5	4	5	<20
X858037		<10	<0.01	<10	0.01	75	1	0.01	<1	10	<2	0.03	<5	<1	2	<20
X858038		<10	0.01	<10	0.07	168	1	0.47	2	120	<2	0.02	<5	2	7	<20
X858039		20	0.06	20	0.78	705	1	4.10	21	540	2	0.49	<5	17	43	<20
X858040		20	1.53	20	1.86	782	15	2.28	59	990	11	0.31	<5	20	573	<20

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18174806

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
X858001		0.58	<10	<10	169	<10	107
X858002		0.57	<10	<10	7	<10	55
X858003		0.41	<10	<10	7	<10	47
X858004		0.51	<10	<10	7	<10	46
X858005		0.53	<10	<10	10	<10	42
X858006		0.59	<10	<10	9	<10	83
X858007		0.54	<10	<10	6	<10	71
X858008		2.14	<10	<10	74	<10	119
X858009		1.20	<10	<10	57	<10	78
X858010		1.35	<10	<10	39	<10	65
X858011		1.89	<10	<10	35	<10	95
X858012		1.60	<10	<10	29	<10	117
X858013		1.89	<10	<10	25	<10	132
X858014		1.46	<10	<10	36	<10	121
X858015		1.46	<10	<10	54	<10	93
X858016		0.04	<10	<10	5	<10	8
X858017		<0.01	<10	<10	1	<10	3
X858018		<0.01	<10	<10	2	<10	<2
X858019		0.30	<10	<10	13	<10	35
X858020		0.36	<10	<10	140	40	293
X858021		0.81	<10	<10	23	<10	84
X858022		0.74	<10	<10	19	<10	55
X858023		0.68	<10	<10	11	<10	64
X858024		0.66	<10	<10	11	<10	65
X858025		0.56	<10	<10	14	<10	74
X858026		0.46	<10	<10	18	<10	64
X858027		0.50	<10	<10	34	<10	50
X858028		2.41	<10	<10	81	<10	104
X858029		2.37	<10	<10	73	<10	110
X858030		2.58	10	<10	70	<10	114
X858031		2.34	<10	<10	54	<10	119
X858032		3.27	<10	<10	59	<10	121
X858033		0.07	<10	<10	27	<10	38
X858034		0.29	<10	<10	14	<10	25
X858035		0.34	<10	<10	14	<10	12
X858036		0.12	<10	<10	18	<10	18
X858037		<0.01	<10	<10	1	<10	<2
X858038		0.06	<10	<10	6	<10	4
X858039		0.49	<10	<10	57	<10	52
X858040		0.55	<10	<10	162	<10	103

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CERTIFICAT D'ANALYSE VO18174806

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
X858041		3.18	0.165		<0.5	4.69	<5	90	<0.5	<2	2.65	<0.5	9	13	19	6.06
X858042		1.94	0.077		<0.5	6.48	<5	180	0.6	4	2.45	<0.5	14	8	29	8.50
X858043		2.57	0.164		<0.5	6.46	<5	160	0.6	<2	2.41	<0.5	11	7	25	7.80
X858044		3.51	<0.005		<0.5	6.51	11	220	0.5	2	4.27	1.1	38	2	11	15.55
X858045		3.27	0.008		<0.5	5.84	24	210	<0.5	<2	3.85	0.9	43	1	37	14.75
X858046		3.97	<0.005		<0.5	5.96	<5	200	0.5	<2	3.48	0.8	49	1	58	15.20
X858047		3.09	0.007		<0.5	6.27	<5	180	0.5	<2	2.77	0.8	46	1	85	15.15
X858048		3.44	0.425		<0.5	6.73	<5	150	0.6	<2	2.16	<0.5	46	6	133	16.40
X858049		2.56	2.90		<0.5	1.87	<5	10	<0.5	<2	2.13	0.5	18	13	103	5.46
X858050		3.40	0.889		<0.5	2.70	<5	<10	<0.5	<2	0.91	<0.5	26	24	182	5.23
X858051		2.61	0.005		<0.5	0.17	<5	<10	<0.5	<2	3.87	<0.5	1	18	3	0.78
X858052		2.24	<0.005		<0.5	0.08	<5	<10	<0.5	<2	14.10	<0.5	1	9	1	0.48
X858053		2.06	<0.005		<0.5	0.02	<5	<10	<0.5	<2	0.28	<0.5	1	19	2	0.46
X858054		2.25	0.005		<0.5	0.13	<5	<10	<0.5	<2	0.65	<0.5	2	25	2	0.98
X858055		1.81	3.28		<0.5	5.76	<5	20	0.6	<2	1.65	<0.5	61	18	476	9.24
X858056		2.34	<0.005		<0.5	4.54	<5	10	<0.5	<2	1.42	<0.5	13	16	29	5.75
X858057		3.14	0.165		<0.5	3.66	<5	20	<0.5	<2	3.00	<0.5	10	14	57	6.66
X858058		3.87	1.370		<0.5	6.85	<5	90	0.8	2	2.37	<0.5	12	7	112	9.03
X858059		3.19	0.121		<0.5	6.45	<5	150	0.8	<2	3.83	<0.5	11	6	38	8.73
X858060		0.10	3.93		0.7	6.95	31	590	0.8	<2	2.46	1.1	19	63	149	5.27
X858061		2.06	0.640		<0.5	5.80	<5	140	0.8	<2	2.95	<0.5	11	8	56	7.69
X858062		4.15	0.005		<0.5	5.68	<5	170	0.6	2	5.07	0.8	51	5	65	14.45
X858063		4.20	<0.005		<0.5	5.56	<5	200	0.6	<2	5.36	1.0	48	2	38	14.20
X858064		4.65	<0.005		<0.5	5.81	11	220	0.7	<2	5.12	0.7	53	1	46	14.65
X858065		3.97	<0.005		<0.5	5.81	<5	210	0.7	<2	4.80	0.7	47	1	68	14.80
X858066		3.68	0.074		<0.5	5.93	18	290	0.6	<2	3.53	0.6	45	2	13	14.85
X858067		3.10	<0.005		<0.5	6.06	14	170	0.6	<2	4.02	1.1	50	2	27	15.05
X858068		2.14	0.037		<0.5	5.53	10	310	0.6	<2	3.96	0.5	42	1	43	14.15
X858069		4.07	0.592		<0.5	4.77	<5	190	<0.5	<2	3.52	<0.5	34	6	57	12.50
X858070		4.05	1.410		<0.5	5.39	<5	300	<0.5	3	1.87	<0.5	59	2	207	18.10
X858071		2.06	7.47		<0.5	5.31	<5	70	<0.5	4	2.91	<0.5	52	8	121	14.80
X858072		2.11	>10.0	19.30	<0.5	3.73	<5	110	<0.5	<2	4.94	<0.5	24	12	63	12.00
X858073		2.81	0.017		<0.5	5.94	10	340	0.5	3	3.44	<0.5	49	2	83	17.60
X858074		6.08	0.019		<0.5	5.10	5	250	<0.5	3	2.52	<0.5	44	4	95	16.40
X858075		2.91	0.739		<0.5	3.89	6	160	<0.5	2	2.41	<0.5	30	8	122	12.00
X858076		4.56	0.220		<0.5	0.11	<5	<10	<0.5	<2	7.78	<0.5	6	11	69	1.04
X858077		2.59	0.521		<0.5	5.88	12	270	0.7	2	3.96	<0.5	32	59	90	14.50
X858078		2.10	<0.005		<0.5	5.73	7	350	0.8	2	4.14	<0.5	28	40	40	14.60
X858079		2.88	0.014		<0.5	5.82	<5	350	0.9	4	5.12	<0.5	17	28	68	15.70
X858080		0.39	<0.005		<0.5	7.66	<5	1100	1.3	<2	2.55	0.5	27	122	51	7.31

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Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
X858041		20	0.16	10	0.54	1035	1	2.09	<1	710	<2	0.05	<5	22	84	<20
X858042		30	0.29	10	0.68	1500	<1	3.20	1	890	4	0.12	<5	28	125	<20
X858043		20	0.30	10	0.68	1410	<1	3.31	<1	860	3	0.12	<5	28	113	<20
X858044		30	0.43	10	1.80	2550	1	1.32	<1	810	4	0.03	<5	62	125	<20
X858045		20	0.42	<10	1.53	2390	<1	1.12	<1	740	3	0.07	<5	50	114	<20
X858046		20	0.47	10	1.54	2350	<1	1.46	<1	900	6	0.33	<5	51	97	<20
X858047		20	0.42	10	1.49	2240	<1	2.01	<1	880	<2	0.37	<5	49	65	<20
X858048		20	0.33	10	1.58	2510	<1	2.32	<1	1070	<2	0.62	<5	50	47	<20
X858049		10	0.01	<10	0.64	691	<1	0.25	2	190	<2	0.45	<5	10	13	<20
X858050		10	0.02	10	0.50	431	1	1.16	5	800	3	1.04	<5	13	12	<20
X858051		<10	0.01	<10	0.06	342	1	0.02	1	10	<2	0.01	<5	2	32	<20
X858052		<10	<0.01	<10	0.03	829	1	0.04	<1	20	2	<0.01	<5	5	133	<20
X858053		<10	<0.01	<10	<0.01	73	1	0.01	2	10	<2	<0.01	<5	<1	2	<20
X858054		<10	<0.01	<10	0.04	148	1	0.02	1	30	<2	<0.01	<5	1	3	<20
X858055		10	0.06	20	0.59	612	<1	3.37	6	1560	4	2.68	<5	38	40	<20
X858056		10	0.02	10	0.76	615	<1	2.11	2	750	<2	0.19	<5	20	24	<20
X858057		20	0.04	<10	0.72	871	1	1.26	3	420	<2	0.19	<5	15	39	<20
X858058		30	0.15	10	0.59	1235	<1	3.31	<1	660	4	0.56	<5	24	129	<20
X858059		30	0.28	10	0.52	1465	<1	2.23	<1	650	6	0.19	<5	24	233	<20
X858060		20	1.10	10	1.49	869	7	2.18	41	760	51	0.14	9	16	271	<20
X858061		30	0.31	10	0.48	1180	<1	2.36	<1	670	4	0.34	<5	22	157	<20
X858062		20	0.46	<10	1.65	1895	<1	0.53	<1	710	5	0.29	<5	47	171	<20
X858063		20	0.51	<10	1.63	2070	<1	0.91	1	660	3	0.19	<5	47	142	<20
X858064		20	0.61	<10	1.61	2130	<1	1.04	<1	740	7	0.22	<5	51	156	<20
X858065		20	0.55	<10	1.55	2160	<1	1.01	<1	730	4	0.30	<5	50	163	<20
X858066		20	0.66	10	1.60	2360	<1	1.33	<1	1050	5	0.04	<5	44	133	<20
X858067		30	0.42	10	1.82	2050	<1	0.83	<1	980	8	0.11	<5	51	117	<20
X858068		20	0.61	<10	1.41	2350	<1	1.49	<1	1090	4	0.18	6	42	129	<20
X858069		20	0.40	10	1.40	1965	<1	1.60	5	1030	4	0.26	5	35	45	<20
X858070		20	0.68	10	1.66	2830	<1	1.80	<1	970	2	0.99	<5	37	51	<20
X858071		20	0.16	10	1.75	1685	<1	0.90	4	970	5	0.49	<5	42	30	<20
X858072		20	0.25	<10	1.28	1875	<1	0.53	1	490	6	0.30	<5	24	42	<20
X858073		20	0.73	10	1.48	3110	<1	1.32	1	1240	4	0.39	6	36	166	<20
X858074		20	0.58	10	1.59	2830	<1	1.13	2	3060	2	0.47	<5	24	80	<20
X858075		20	0.39	20	1.24	2040	<1	1.04	1	3500	2	0.55	<5	14	35	<20
X858076		<10	<0.01	<10	0.04	497	1	0.01	<1	30	<2	0.21	<5	1	31	<20
X858077		30	0.62	20	1.18	2700	<1	1.37	15	2230	4	0.17	<5	18	164	<20
X858078		30	0.64	20	1.03	2680	<1	1.17	15	1980	5	0.05	<5	23	195	<20
X858079		20	0.64	20	0.77	2630	<1	0.69	11	1820	5	0.18	<5	29	269	<20
X858080		20	2.07	30	2.10	790	1	2.02	75	1160	17	0.12	<5	23	447	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18174806

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
X858041		0.47	10	<10	13	<10	38
X858042		0.64	<10	<10	8	<10	40
X858043		0.62	<10	<10	9	<10	49
X858044		3.19	10	<10	128	<10	114
X858045		2.27	<10	<10	83	<10	96
X858046		2.45	<10	<10	76	<10	110
X858047		2.44	<10	<10	61	<10	116
X858048		3.09	10	<10	55	<10	121
X858049		0.43	<10	<10	32	<10	47
X858050		0.39	<10	<10	22	<10	32
X858051		0.01	<10	<10	4	<10	3
X858052		0.01	<10	10	2	<10	<2
X858053		<0.01	<10	<10	1	<10	<2
X858054		0.01	<10	<10	5	<10	<2
X858055		0.84	<10	<10	40	<10	37
X858056		0.44	<10	<10	44	<10	50
X858057		0.25	<10	<10	16	<10	51
X858058		0.58	<10	<10	9	<10	40
X858059		0.53	<10	<10	7	<10	41
X858060		0.37	<10	<10	143	40	289
X858061		0.50	<10	<10	11	<10	46
X858062		1.96	<10	<10	124	<10	111
X858063		1.96	<10	<10	113	<10	127
X858064		2.21	<10	<10	101	<10	121
X858065		2.44	<10	<10	80	<10	101
X858066		1.43	<10	<10	27	<10	108
X858067		2.33	<10	<10	59	<10	118
X858068		1.32	<10	<10	28	<10	88
X858069		1.47	<10	<10	33	<10	99
X858070		1.93	<10	<10	40	<10	122
X858071		1.90	<10	<10	58	<10	117
X858072		1.01	<10	<10	40	<10	94
X858073		1.76	<10	<10	18	<10	111
X858074		1.44	<10	<10	10	<10	118
X858075		0.84	<10	<10	13	<10	87
X858076		0.01	<10	<10	3	<10	3
X858077		1.04	<10	<10	30	<10	90
X858078		0.85	10	<10	27	<10	75
X858079		0.84	<10	<10	24	<10	71
X858080		0.62	10	<10	181	<10	116

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CERTIFICAT D'ANALYSE VO18174806

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
X858081		2.64	0.018		<0.5	5.58	<5	380	1.0	4	5.08	<0.5	19	30	116	17.20
X858082		2.72	0.012		<0.5	6.39	<5	340	1.2	3	4.57	<0.5	19	17	4	14.00
X858083		2.30	0.005		<0.5	5.81	<5	250	1.0	2	3.42	<0.5	11	9	3	10.50
X858084		2.98	0.065		<0.5	5.64	<5	150	0.9	<2	3.19	<0.5	9	7	10	7.03
X858085		1.42	0.005		<0.5	6.44	<5	300	1.4	4	4.00	<0.5	12	9	<1	11.45

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CERTIFICAT D'ANALYSE VO18174806

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
X858081		20	0.69	20	0.78	2670	<1	0.46	14	1870	6	0.40	<5	23	279	<20
X858082		30	0.61	20	0.97	2220	<1	1.57	8	2090	3	0.02	<5	32	227	<20
X858083		20	0.45	20	0.82	1695	<1	2.01	1	1470	2	0.01	<5	27	154	<20
X858084		20	0.26	20	0.59	1145	<1	2.78	3	1340	6	0.02	<5	25	102	<20
X858085		30	0.55	20	0.80	1765	<1	2.21	3	1320	5	<0.01	<5	30	218	<20

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plus les pages d'annexe
Finalisée date: 9- AOUT- 2018
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CERTIFICAT D'ANALYSE VO18174806

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
X858081		0.79	<10	<10	21	<10	75
X858082		0.84	<10	<10	19	<10	90
X858083		0.63	10	<10	12	<10	70
X858084		0.58	<10	<10	9	<10	52
X858085		0.66	<10	<10	11	<10	76

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Finalisée date: 9- AOUT- 2018
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18174806

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 21	LOG- 23	PUL- 32
PUL- QC	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.

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À: EXPLORATION MIDLAND INC
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Finalisée date: 8- AOUT- 2018
Compte: MIDEXP

CERTIFICAT VO18174831

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 3 échantillons de pulpe soumis à notre laboratoire de Val d'Or, QC, Canada le 19- JUIL- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
BAG- 01	Entreposage pulp de ref.
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
LOG- 21	Entrée échantillon - Code barre client
SCR- 21	Filtrer à - 100 - 106 um
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.

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À: EXPLORATION MIDLAND INC
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Finalisée date: 8- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18174831

Description échantillon	Méthode élément unités LDI	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
X858009		4.09	63.1	0.95	3.623	57.40	1080.5	0.94	0.96
X858069		0.47	1.99	0.41	0.066	33.21	836.5	0.41	0.41
X858072		11.65	234	5.04	6.487	27.67	932.8	5.06	5.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 8- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18174831

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
FND- 02	LOG- 21	PUL- 32	SCR- 21

ALS Canada Ltd.

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À: EXPLORATION MIDLAND INC
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Finalisée date:
26- AOUT- 2018
Compte: MIDEXP

CERTIFICAT VO18179396

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 40 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 23- JUIL- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21	Entrée échantillon - Code barre client
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
26- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18179396

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
X858086		3.50	0.018	<0.5	5.76	6	290	0.6	5	4.91	<0.5	50	5	73	16.05	20
X858087		1.75	0.500	<0.5	4.34	<5	130	<0.5	4	8.56	0.8	40	5	60	12.90	20
X858088		2.82	2.62	<0.5	2.72	<5	20	<0.5	3	3.16	0.5	118	26	605	10.70	10
X858089		5.33	1.925	<0.5	6.60	<5	50	<0.5	5	3.16	0.5	59	15	292	13.55	20
X858090		3.00	1.250	<0.5	4.10	<5	30	<0.5	2	4.24	<0.5	29	21	210	8.94	20
X858091		2.98	1.375	<0.5	5.38	<5	30	<0.5	4	2.55	<0.5	27	42	197	11.20	20
X858092		4.41	2.93	<0.5	6.55	<5	130	0.5	4	2.66	0.6	40	35	348	12.30	20
X858093		3.35	0.376	<0.5	6.48	<5	230	0.6	4	3.67	<0.5	24	24	140	12.70	30
X858094		2.80	0.776	<0.5	6.31	<5	320	0.6	4	4.10	<0.5	21	31	60	13.25	30
X858095		3.65	0.024	<0.5	6.08	<5	300	0.7	4	3.60	0.5	19	34	39	12.75	30
X858096		3.74	<0.005	<0.5	6.05	<5	310	0.8	5	4.21	<0.5	20	28	4	12.65	30
X858097		3.10	<0.005	<0.5	2.98	<5	140	0.5	<2	2.58	0.5	6	21	2	6.00	10
X858098		4.44	<0.005	<0.5	5.81	<5	260	1.0	<2	4.13	<0.5	16	11	1	10.95	30
X858099		2.17	0.019	<0.5	5.79	<5	240	0.7	3	4.55	0.7	36	4	28	14.15	20
X858100		0.11	4.03	0.8	6.79	26	580	0.8	3	2.40	1.1	18	59	148	5.03	20
X858101		2.45	0.165	<0.5	6.43	<5	210	0.7	<2	4.21	0.7	34	6	148	14.25	30
X858102		3.59	1.710	<0.5	7.81	<5	40	0.5	6	3.19	0.6	56	11	344	15.00	30
X858103		1.72	4.98	<0.5	5.10	<5	40	<0.5	2	3.03	<0.5	20	13	15	9.74	20
X858104		2.48	2.51	<0.5	2.78	<5	10	<0.5	2	2.84	<0.5	12	22	53	4.77	10
X858105		1.77	6.42	<0.5	5.47	5	30	0.5	5	1.78	<0.5	31	20	361	12.25	20
X858106		2.19	1.330	<0.5	5.92	<5	100	0.6	<2	1.98	<0.5	24	26	143	10.75	20
X858107		4.60	2.78	<0.5	6.79	<5	170	0.6	4	3.35	0.6	30	12	202	13.15	20
X858108		3.76	1.100	<0.5	6.00	<5	200	0.6	2	3.62	<0.5	24	5	78	11.80	20
X858109		3.56	2.53	<0.5	6.54	<5	220	0.7	3	3.52	0.8	26	24	116	12.50	20
X858110		2.28	0.865	<0.5	6.50	<5	280	0.7	5	4.27	0.5	17	19	56	12.90	20
X858111		1.71	0.791	<0.5	6.38	<5	280	0.8	7	4.77	0.6	20	17	33	12.90	30
X858112		3.06	3.35	<0.5	7.07	<5	70	1.0	<2	1.59	<0.5	11	9	110	6.38	30
X858113		3.48	0.031	<0.5	7.09	<5	30	1.0	2	0.90	<0.5	6	12	65	4.89	20
X858114		2.50	0.014	<0.5	7.66	<5	30	1.0	2	1.52	<0.5	6	9	35	5.11	20
X858115		1.61	0.234	<0.5	2.00	<5	10	<0.5	<2	0.24	<0.5	7	28	66	4.28	10
X858116		2.83	1.440	<0.5	3.90	<5	30	0.5	2	0.77	<0.5	3	27	9	3.47	10
X858117		2.24	<0.005	<0.5	7.37	<5	80	1.3	2	0.87	<0.5	4	11	6	6.15	30
X858118		1.57	0.037	<0.5	8.22	<5	10	0.9	4	2.57	<0.5	14	7	55	8.81	30
X858119		2.41	0.065	<0.5	5.02	5	10	0.5	4	1.33	<0.5	7	15	23	5.15	10
X858120		Not Recvd														
X858121		2.32	<0.005	<0.5	1.43	<5	<10	<0.5	<2	0.64	<0.5	3	33	6	1.69	<10
X858122		4.56	0.010	<0.5	3.29	<5	10	<0.5	<2	1.74	<0.5	3	32	7	3.08	10
X858123		2.72	0.293	<0.5	7.52	<5	30	0.9	2	2.21	<0.5	9	9	96	6.50	20
X858124		3.33	<0.005	<0.5	7.80	<5	20	0.9	<2	1.83	<0.5	9	9	106	6.21	20
X858125		3.66	5.74	<0.5	7.37	<5	50	1.1	<2	1.53	<0.5	15	11	103	7.97	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
26- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18179396

Description échantillon	Méthode élément unités LDI	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
X858086		0.76	20	1.35	2700	<1	1.19	1	5530	6	0.43	<5	23	190	<20	1.41
X858087		0.35	20	1.47	2210	1	0.81	2	3680	4	0.35	<5	18	80	<20	0.94
X858088		0.04	10	0.71	808	<1	0.77	16	2540	<2	3.15	<5	12	20	<20	0.65
X858089		0.13	20	1.34	1430	<1	2.58	6	5530	6	1.62	<5	28	44	<20	1.56
X858090		0.07	10	0.95	1085	<1	1.39	4	2060	<2	0.87	<5	24	35	<20	0.78
X858091		0.06	10	1.26	1150	1	1.67	6	2340	5	0.56	<5	28	37	<20	1.03
X858092		0.29	20	1.05	1510	<1	2.89	10	2290	5	1.76	<5	35	94	<20	0.97
X858093		0.49	20	1.06	2040	<1	2.45	7	2090	5	0.76	<5	37	137	<20	1.01
X858094		0.65	10	1.03	2430	<1	2.06	8	1780	2	0.33	<5	38	187	<20	0.94
X858095		0.62	10	1.04	2240	<1	1.87	7	1530	5	0.19	<5	32	159	<20	0.83
X858096		0.69	10	0.85	2320	<1	1.78	5	1530	5	0.03	<5	29	214	<20	0.78
X858097		0.30	10	0.38	1075	1	0.62	1	750	<2	0.01	<5	15	119	<20	0.34
X858098		0.60	10	0.79	1935	<1	1.76	2	1630	4	<0.01	<5	26	200	<20	0.70
X858099		0.65	20	1.35	2440	<1	1.38	<1	4990	4	0.11	<5	18	171	<20	1.32
X858100		1.07	10	1.46	827	7	2.15	43	730	47	0.14	<5	16	266	<20	0.35
X858101		0.58	20	1.20	2410	<1	2.34	3	5150	8	0.61	<5	19	143	<20	1.44
X858102		0.13	20	1.59	1465	<1	3.04	6	5840	6	1.49	<5	28	40	<20	1.72
X858103		0.10	10	1.31	1320	1	1.52	2	2290	3	0.05	<5	31	32	<20	1.00
X858104		0.02	<10	0.58	684	1	1.04	3	1050	<2	0.20	<5	12	23	<20	0.37
X858105		0.08	10	0.96	1030	<1	2.29	4	2800	4	1.04	<5	27	28	<20	0.99
X858106		0.21	10	0.88	1640	1	2.72	2	2470	4	0.73	<5	29	65	<20	1.05
X858107		0.41	10	0.93	2100	1	2.78	6	2940	10	1.01	<5	33	130	<20	1.14
X858108		0.52	10	0.76	2190	<1	2.22	4	2420	5	0.42	<5	31	171	<20	0.97
X858109		0.48	10	0.83	2110	1	2.56	8	2240	8	0.68	<5	29	163	<20	1.00
X858110		0.51	10	0.74	2370	<1	2.00	5	2020	9	0.15	<5	33	209	<20	0.88
X858111		0.57	10	0.68	2410	<1	1.59	5	1920	6	0.05	<5	34	234	<20	0.85
X858112		0.11	10	0.43	760	1	4.24	<1	390	3	0.49	<5	18	101	<20	0.42
X858113		0.06	10	0.45	550	<1	4.84	<1	330	2	0.26	<5	16	36	<20	0.38
X858114		0.07	20	0.54	649	<1	5.06	<1	350	2	0.15	<5	19	49	<20	0.44
X858115		0.02	<10	0.34	350	1	0.90	<1	60	<2	0.37	<5	5	8	<20	0.07
X858116		0.04	<10	0.34	462	1	2.47	<1	100	<2	0.02	<5	9	20	<20	0.20
X858117		0.15	10	0.68	932	<1	4.61	<1	240	6	0.02	<5	14	48	<20	0.35
X858118		0.03	20	1.26	982	<1	4.14	<1	1130	6	0.34	<5	32	63	<20	0.77
X858119		0.02	10	0.73	604	<1	2.65	<1	490	2	0.15	<5	17	27	<20	0.38
X858120																
X858121		0.01	<10	0.17	222	1	0.85	1	120	<2	0.05	<5	3	9	<20	0.08
X858122		0.01	<10	0.42	452	1	1.88	1	290	<2	0.03	<5	8	27	<20	0.19
X858123		0.06	10	0.76	761	<1	4.67	<1	710	7	0.43	<5	21	52	<20	0.54
X858124		0.04	10	0.76	669	1	4.89	<1	680	3	0.40	<5	21	44	<20	0.54
X858125		0.10	10	0.87	922	<1	4.30	1	710	5	0.63	<5	24	44	<20	0.57

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Projet: WILLBOB PROJECT

Finalisée date:
26- AOUT- 2018
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO18179396

Description échantillon	Méthode élément unités LDI	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
X858086		<10	<10	9	<10	108
X858087		<10	<10	24	<10	106
X858088		<10	<10	18	<10	46
X858089		<10	<10	48	<10	91
X858090		<10	<10	31	<10	65
X858091		<10	<10	30	<10	81
X858092		<10	<10	32	<10	71
X858093		<10	<10	36	<10	73
X858094		<10	<10	40	<10	75
X858095		10	<10	24	<10	78
X858096		<10	<10	18	<10	85
X858097		<10	<10	13	<10	43
X858098		<10	<10	16	<10	85
X858099		<10	<10	5	<10	94
X858100		<10	<10	137	40	284
X858101		<10	<10	3	<10	94
X858102		<10	<10	56	<10	114
X858103		<10	<10	52	<10	90
X858104		<10	<10	29	<10	41
X858105		<10	<10	38	<10	69
X858106		<10	<10	15	<10	67
X858107		<10	<10	18	<10	81
X858108		<10	<10	14	<10	75
X858109		<10	<10	15	<10	72
X858110		<10	<10	12	<10	53
X858111		<10	<10	11	<10	49
X858112		<10	<10	4	<10	31
X858113		<10	<10	6	<10	31
X858114		<10	<10	8	<10	36
X858115		<10	<10	8	<10	24
X858116		<10	<10	5	<10	22
X858117		<10	<10	4	<10	43
X858118		<10	<10	45	<10	77
X858119		<10	<10	30	<10	45
X858120						
X858121		<10	<10	10	<10	11
X858122		<10	<10	22	<10	26
X858123		<10	<10	21	<10	47
X858124		<10	<10	19	<10	49
X858125		<10	<10	17	<10	58

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À: EXPLORATION MIDLAND INC
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Finalisée date:
26- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18179396

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au- AA23 ME- ICP61

Traité à ALS Timmins, Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applique à la Méthode:

CRU- 32	CRU- QC	LOG- 21	LOG- 23
PUL- 32	PUL- QC	SPL- 21	WEI- 21

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À: EXPLORATION MIDLAND INC
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Finalisée date: 8- AOUT- 2018
Compte: MIDEXP

CERTIFICAT VO18179437

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 120 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

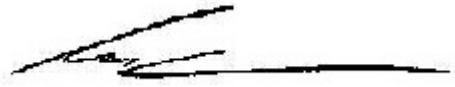
CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21	Entrée échantillon - Code barre client
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC
CRU- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 8- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18179437

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005
S411451		0.45	<0.005
S411452		0.48	<0.005
S411453		0.49	0.005
S411454		0.73	<0.005
S411455		0.43	0.007
S411456		0.39	<0.005
S411457		0.52	<0.005
S411458		0.58	<0.005
S411459		0.62	0.005
S411460		0.11	4.16
S411461		0.55	<0.005
S411462		0.43	0.011
S411463		0.46	0.005
S411464		0.55	<0.005
S411465		0.46	<0.005
S411466		0.61	<0.005
S411467		0.25	<0.005
S411468		0.45	<0.005
S411469		0.34	<0.005
S411470		0.48	<0.005
S411471		0.76	0.006
S411472		0.48	0.006
S411473		0.33	<0.005
S411474		0.42	0.011
S411475		0.28	<0.005
S411476		0.45	<0.005
S411477		0.45	0.016
S411478		0.36	0.005
S411479		0.54	<0.005
S411480		0.30	<0.005
S411481		0.49	<0.005
S411482		0.77	0.006
S411483		0.37	0.007
S411484		0.20	0.011
S411485		0.50	<0.005
S411486		0.25	0.269
S411487		0.40	<0.005
S411488		0.52	<0.005
S411489		0.42	0.056
S411490		0.44	<0.005

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Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005
S411491		0.47	<0.005
S411492		0.39	<0.005
S411493		0.44	<0.005
S411494		0.38	<0.005
S411495		0.34	<0.005
S411496		0.48	0.005
S411497		0.50	<0.005
S411498		0.38	<0.005
S411499		0.31	0.011
S411500		0.11	3.96
S411501		0.30	0.005
S411502		0.42	<0.005
S411503		0.33	<0.005
S411504		0.39	<0.005
S411505		0.27	<0.005
S411506		0.40	<0.005
S411507		0.62	0.008
S411508		0.44	<0.005
S411509		0.31	0.012
S411510		0.47	0.006
S411511		0.41	<0.005
S411512		0.27	0.008
S411513		0.41	0.036
S411514		0.48	<0.005
S411515		0.27	<0.005
S411516		0.47	<0.005
S411517		0.37	<0.005
S411518		0.41	<0.005
S411519		0.32	0.007
S411520		0.36	<0.005
S411521		0.38	<0.005
S411522		0.36	<0.005
S411523		0.27	<0.005
S411524		0.27	0.006
S411525		0.42	<0.005
S411526		0.39	<0.005
S411527		0.35	0.005
S411528		0.24	<0.005
S411529		0.34	0.005
S411530		0.50	0.008

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18179437

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005
S411531		0.33	0.008
S411532		0.41	<0.005
S411533		0.26	0.012
S411534		0.28	0.013
S411535		0.57	0.035
S411536		0.14	0.033
S411537		0.25	0.038
S411538		0.46	<0.005
S411539		0.44	0.005
S411540		0.09	4.08
S411541		0.37	<0.005
S411542		0.41	<0.005
S411543		0.59	0.006
S411544		0.29	0.014
S411545		0.33	0.025
S411546		0.25	<0.005
S411547		0.44	0.005
S411548		0.37	0.005
S411549		Not Recvd	
S411550		0.48	<0.005
S411551		0.44	<0.005
S411552		0.48	<0.005
S411553		0.41	<0.005
S411554		0.49	<0.005
S411555		0.41	<0.005
S411556		0.27	0.038
S411557		0.62	0.027
S411558		0.52	0.522
S411559		0.62	<0.005
S411560		Not Recvd	
S411561		0.54	<0.005
S411562		0.57	0.008
S411563		0.47	<0.005
S411564		0.71	0.007
S411565		0.53	<0.005
S411566		0.25	0.005
S411567		0.37	<0.005
S411568		0.50	<0.005
S411569		0.44	<0.005
S411570		0.34	<0.005

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18179437

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA23

Applique à la Méthode: Traité à ALS Timmins, Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

CRU- 32	CRU- QC	LOG- 21	LOG- 23
PUL- 32	PUL- QC	SPL- 21	WEI- 21

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Finalisée date:
26- AOUT- 2018
Compte: MIDEXP

CERTIFICAT VO18179446

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 121 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 23- JUIL- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21	Entrée échantillon - Code barre client
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	
Pb- OG62	Teneur marchande Pb - quatre acides	
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Commentaire: SAMPLE S411669 LOST DURING PREP

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
26- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18179446

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411571		0.41	<0.005		<0.5	0.70	<5	80	<0.5	2	0.06	<0.5	<1	29	2	0.86
S411572		0.36	<0.005		<0.5	8.20	67	320	1.4	<2	4.79	0.5	62	178	13	10.25
S411573		0.31	0.012		3.3	9.24	96	10	<0.5	<2	1.41	3.6	127	57	6230	17.25
S411574		0.52	<0.005		<0.5	8.55	<5	610	2.1	<2	0.32	<0.5	13	73	23	5.66
S411575		0.26	0.015		<0.5	8.80	12	20	<0.5	2	2.02	<0.5	40	32	291	11.05
S411576		0.52	0.006		<0.5	0.51	9	20	<0.5	<2	0.65	<0.5	9	24	448	1.15
S411577		0.52	<0.005		<0.5	0.74	8	10	<0.5	<2	0.17	<0.5	3	26	188	1.51
S411578		0.42	0.035		1.1	8.29	59	10	0.6	<2	0.82	1.0	43	9	2950	2.80
S411579		0.30	<0.005		<0.5	6.80	30	60	1.4	3	2.33	<0.5	47	80	177	10.90
S411580		0.11	3.96		<0.5	7.01	36	600	0.8	<2	2.47	0.6	19	63	146	5.22
S411581		0.51	<0.005		<0.5	2.90	<5	140	<0.5	2	4.71	<0.5	20	28	66	5.51
S411582		0.61	0.010		<0.5	2.36	10	20	0.5	2	0.90	<0.5	91	22	708	3.96
S411583		0.54	0.007		2.4	1.01	<5	80	<0.5	5	0.22	3.2	2	28	15	1.00
S411584		0.47	<0.005		<0.5	12.60	30	1530	3.1	2	0.01	<0.5	13	154	10	5.76
S411585		0.64	<0.005		<0.5	2.39	<5	180	0.6	3	0.60	<0.5	2	40	17	2.07
S411586		0.48	<0.005		<0.5	6.26	<5	270	1.1	2	0.35	<0.5	26	83	268	3.77
S411587		0.41	<0.005		<0.5	5.31	<5	300	1.2	<2	0.04	<0.5	3	67	48	3.73
S411588		0.47	<0.005		<0.5	4.52	<5	360	1.1	3	0.26	<0.5	9	65	26	3.57
S411589		0.43	0.010		<0.5	7.42	<5	190	<0.5	<2	6.20	<0.5	39	255	426	5.93
S411590		0.44	<0.005		<0.5	5.89	<5	10	1.0	2	0.41	<0.5	5	11	76	3.02
S411591		0.41	0.066		<0.5	1.74	<5	<10	<0.5	<2	0.08	<0.5	<1	19	23	1.41
S411592		0.41	<0.005		<0.5	7.44	<5	40	<0.5	<2	0.13	<0.5	60	6	8	23.2
S411593		0.40	0.043		<0.5	4.59	36	10	<0.5	<2	6.85	<0.5	71	10	20	12.80
S411594		0.66	<0.005		<0.5	1.29	<5	20	<0.5	<2	0.39	<0.5	6	24	3	4.01
S411595		0.53	<0.005		<0.5	7.21	<5	170	<0.5	5	4.47	0.6	34	3	64	17.05
S411596		0.34	<0.005		<0.5	0.29	<5	10	<0.5	2	1.14	<0.5	2	24	7	1.43
S411597		0.37	<0.005		<0.5	6.13	<5	90	<0.5	4	6.87	0.7	65	3	91	14.65
S411598		0.29	<0.005		<0.5	6.25	22	20	<0.5	6	6.60	<0.5	56	4	11	12.50
S411599		0.33	0.046		1.3	6.09	256	40	<0.5	<2	7.26	1.3	98	104	2900	9.73
S411600		0.40	<0.005		<0.5	8.19	<5	1450	1.0	2	2.58	<0.5	26	102	90	6.80
S411601		0.37	<0.005		<0.5	8.07	5	140	<0.5	6	9.56	<0.5	38	87	67	7.37
S411602		0.32	<0.005		<0.5	7.39	33	40	<0.5	<2	2.44	<0.5	60	237	512	9.54
S411603		0.48	0.005		0.9	0.36	<5	30	<0.5	<2	0.06	<0.5	<1	35	7	0.84
S411604		0.49	0.014		1.1	3.38	222	90	1.5	<2	0.50	1.9	28	43	213	8.99
S411605		0.33	0.026		1.6	5.37	28	240	3.1	2	0.02	<0.5	1	77	69	7.99
S411606		0.39	0.013		0.6	4.58	182	130	1.5	4	0.36	<0.5	<1	57	46	12.10
S411607		0.52	<0.005		<0.5	0.34	<5	10	<0.5	<2	0.04	<0.5	<1	29	26	1.35
S411608		0.36	<0.005		<0.5	1.40	27	90	0.6	<2	0.08	<0.5	<1	53	57	1.84
S411609		0.29	0.126		1.6	1.75	19	110	0.8	<2	0.02	<0.5	<1	68	11	1.54
S411610		0.43	<0.005		<0.5	6.74	40	190	2.3	3	2.90	0.7	20	129	38	9.46

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CERTIFICAT D'ANALYSE VO18179446

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S411571		<10	0.30	<10	0.11	86	1	0.01	3	120	<2		0.01	<5	1	3
S411572		20	1.74	10	3.79	3070	<1	1.75	147	460	5		0.04	<5	39	226
S411573		10	0.04	<10	8.40	2720	<1	0.02	260	100	<2		0.61	<5	6	21
S411574		20	3.65	10	1.27	445	<1	0.16	35	480	3		0.01	<5	11	23
S411575		20	0.05	10	4.13	1610	<1	2.66	71	160	<2		0.02	<5	43	43
S411576		<10	0.07	<10	0.08	162	2	0.03	15	20	<2		0.08	<5	2	8
S411577		<10	0.03	<10	0.50	213	1	0.06	10	10	<2		0.02	<5	4	5
S411578		10	0.03	30	1.23	387	<1	6.74	33	150	<2		0.29	<5	7	19
S411579		20	0.17	40	4.26	1860	<1	1.22	79	1800	5		0.03	<5	22	115
S411580		10	1.12	10	1.50	880	7	2.19	39	760	44		0.14	<5	16	273
S411581		10	0.40	10	2.13	582	<1	0.33	16	770	2		0.02	<5	12	127
S411582		10	0.15	10	0.32	339	2	1.45	27	1110	4		1.25	<5	3	44
S411583		<10	0.39	<10	0.05	230	<1	0.25	2	110	1650		0.13	<5	1	20
S411584		30	7.58	30	0.63	219	1	0.11	46	230	11		0.01	<5	19	39
S411585		10	1.14	10	0.33	239	<1	0.21	9	180	16		0.05	<5	3	58
S411586		20	1.01	10	1.11	317	1	2.61	23	340	2		0.57	<5	9	18
S411587		10	0.99	10	0.50	311	2	2.43	6	180	3		0.15	<5	6	29
S411588		10	2.32	20	0.32	351	1	0.11	41	1230	12		0.05	7	5	49
S411589		20	1.05	<10	4.74	939	<1	0.41	139	220	2		0.06	<5	39	74
S411590		20	0.03	10	0.26	277	<1	4.38	<1	120	3		0.05	<5	5	17
S411591		10	0.01	<10	0.10	116	<1	1.24	<1	70	2		0.03	<5	2	5
S411592		40	0.04	<10	3.09	2400	<1	0.02	<1	260	<2		<0.01	<5	4	4
S411593		20	0.01	<10	1.72	1455	<1	0.01	<1	110	<2		0.02	<5	10	15
S411594		10	0.04	<10	0.40	476	<1	0.01	2	60	<2		<0.01	<5	1	10
S411595		30	0.37	10	2.55	2540	<1	1.13	<1	530	<2		0.17	<5	47	99
S411596		<10	0.02	<10	0.09	272	1	0.05	<1	20	2		0.02	<5	2	9
S411597		20	0.22	10	3.01	1825	2	1.24	7	450	<2		0.27	<5	54	157
S411598		20	0.06	10	3.21	1755	<1	1.66	15	360	<2		<0.01	<5	60	116
S411599		10	0.12	<10	5.26	1520	2	0.23	263	70	<2		0.27	6	21	23
S411600		20	2.40	40	2.17	816	1	2.23	64	860	16		0.18	<5	24	504
S411601		10	0.59	10	4.25	1585	1	2.09	83	220	<2		<0.01	<5	41	36
S411602		20	0.18	10	5.40	1480	<1	1.13	178	150	<2		0.05	<5	61	25
S411603		<10	0.16	<10	0.07	75	6	0.01	2	370	7		0.15	<5	1	6
S411604		10	1.22	20	1.87	13150	19	0.02	59	2040	17		0.08	<5	6	22
S411605		20	2.75	10	1.12	384	36	0.13	7	1480	44		0.29	<5	10	64
S411606		10	1.15	20	1.71	12900	18	0.05	2	1820	14		0.15	7	8	24
S411607		<10	0.10	<10	0.16	150	1	0.03	3	100	<2		0.07	<5	1	3
S411608		<10	0.64	<10	0.16	235	3	0.06	12	290	4		0.27	<5	4	18
S411609		10	0.86	<10	0.12	125	35	0.12	3	200	69		0.44	27	5	22
S411610		20	1.35	10	2.47	3200	2	0.88	61	920	32		0.98	<5	25	156

Commentaire: SAMPLE S411669 LOST DURING PREP

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CERTIFICAT D'ANALYSE VO18179446

Description échantillon	Méthode élément unités LDI	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411571		<20	0.01	<10	<10	6	<10	6
S411572		<20	0.88	<10	<10	349	<10	121
S411573		<20	0.09	<10	<10	148	<10	411
S411574		<20	0.39	<10	<10	70	<10	95
S411575		<20	0.79	<10	<10	403	<10	137
S411576		<20	0.01	<10	<10	28	<10	9
S411577		<20	0.01	<10	<10	38	<10	16
S411578		<20	0.21	<10	<10	43	<10	66
S411579		<20	1.71	10	<10	303	<10	144
S411580		<20	0.39	<10	<10	145	40	293
S411581		<20	0.42	<10	<10	189	<10	73
S411582		<20	0.02	<10	<10	16	<10	14
S411583		<20	0.03	<10	<10	5	<10	369
S411584		<20	0.54	<10	<10	127	<10	152
S411585		<20	0.06	<10	<10	25	<10	24
S411586		<20	0.23	<10	<10	107	<10	88
S411587		<20	0.19	<10	<10	55	<10	35
S411588		<20	0.11	<10	<10	44	<10	48
S411589		<20	0.21	<10	10	244	<10	75
S411590		<20	0.16	<10	<10	8	<10	18
S411591		<20	0.05	<10	<10	5	<10	7
S411592		<20	0.06	<10	<10	35	<10	235
S411593		<20	0.01	<10	<10	52	<10	143
S411594		<20	<0.01	<10	<10	8	<10	39
S411595		<20	2.02	<10	<10	646	<10	150
S411596		<20	0.06	<10	<10	24	<10	6
S411597		<20	1.61	10	<10	839	<10	120
S411598		<20	1.52	10	<10	792	<10	116
S411599		<20	0.07	10	<10	218	<10	149
S411600		<20	0.58	<10	<10	167	<10	134
S411601		<20	0.44	10	<10	238	<10	94
S411602		<20	0.40	10	<10	304	<10	113
S411603		<20	0.01	<10	<10	146	<10	14
S411604		<20	0.08	20	10	471	<10	329
S411605		<20	0.13	10	10	567	<10	182
S411606		<20	0.10	10	<10	322	<10	158
S411607		<20	0.02	10	<10	11	<10	12
S411608		<20	0.08	<10	<10	46	<10	25
S411609		<20	0.08	10	<10	830	<10	26
S411610		<20	0.88	<10	<10	204	10	399

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CERTIFICAT D'ANALYSE VO18179446

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411611		0.43	<0.005		<0.5	4.77	56	90	1.5	2	2.91	<0.5	24	98	36	5.21
S411612		0.29	0.196		1.2	0.78	6	30	1.0	2	0.24	7.5	9	35	160	8.97
S411613		0.35	<0.005		0.5	0.25	8	20	<0.5	<2	0.01	<0.5	<1	31	4	0.86
S411614		0.47	<0.005		<0.5	0.04	<5	20	0.5	<2	3.26	0.7	7	9	2	29.4
S411615		0.33	<0.005		<0.5	0.07	<5	10	<0.5	<2	0.04	<0.5	2	24	13	6.05
S411616		0.25	<0.005		<0.5	6.99	7	130	<0.5	<2	6.88	<0.5	38	78	21	7.03
S411617		0.38	<0.005		<0.5	8.19	<5	70	1.0	5	5.51	<0.5	22	174	90	8.05
S411618		0.34	<0.005		<0.5	7.92	<5	40	<0.5	<2	1.91	<0.5	27	191	149	12.25
S411619		0.31	0.015		<0.5	0.76	<5	10	<0.5	<2	0.73	2.5	23	30	369	7.09
S411620		0.11	3.92		<0.5	6.78	31	590	0.8	<2	2.45	0.8	16	61	142	5.11
S411621		0.43	<0.005		<0.5	7.55	17	80	0.5	<2	5.24	<0.5	46	212	2	8.62
S411622		0.35	<0.005		<0.5	7.29	<5	30	<0.5	3	5.34	0.6	34	166	41	10.45
S411623		0.26	<0.005		<0.5	3.09	<5	10	<0.5	<2	1.74	0.5	15	98	56	4.93
S411624		0.29	<0.005		<0.5	7.48	18	220	0.5	<2	1.97	<0.5	15	92	66	12.85
S411625		0.30	<0.005		<0.5	9.02	<5	40	2.9	4	1.12	<0.5	21	61	110	5.69
S411626		0.18	<0.005		<0.5	8.68	5	60	4.1	2	1.42	<0.5	28	60	178	8.14
S411627		0.32	<0.005		<0.5	5.82	<5	<10	<0.5	<2	0.81	<0.5	24	13	86	11.15
S411628		0.35	<0.005		<0.5	6.29	<5	80	1.3	2	3.56	<0.5	7	10	9	5.34
S411629		0.43	<0.005		<0.5	6.73	<5	270	1.7	<2	1.63	<0.5	5	9	13	5.84
S411630		0.49	<0.005		<0.5	8.28	<5	910	1.8	3	0.54	<0.5	13	46	39	4.55
S411631		0.53	<0.005		<0.5	6.01	<5	130	1.4	2	1.77	<0.5	3	9	23	3.75
S411632		0.32	0.052		<0.5	6.41	8	40	0.9	<2	1.18	<0.5	12	7	8	9.67
S411633		0.45	<0.005		<0.5	5.50	11	10	<0.5	4	8.76	<0.5	36	16	151	7.70
S411634		0.28	<0.005		<0.5	4.87	<5	140	<0.5	3	3.42	<0.5	25	19	215	5.48
S411635		0.33	0.092		<0.5	6.86	5	70	0.9	<2	0.51	<0.5	<1	10	31	4.43
S411636		0.17	<0.005		<0.5	5.87	<5	150	1.4	<2	1.43	<0.5	2	18	4	2.76
S411637		0.36	<0.005		<0.5	5.96	<5	70	1.0	<2	0.07	<0.5	2	10	2	3.68
S411638		0.31	<0.005		<0.5	6.09	<5	290	2.3	<2	3.74	<0.5	2	23	6	3.98
S411639		0.39	>10.0	140.5	54.3	0.27	<5	10	<0.5	116	0.20	5.7	1	25	3	1.56
S411640		0.42	0.032		<0.5	8.06	<5	1310	1.0	7	2.54	<0.5	22	100	71	6.36
S411641		0.40	1.060		<0.5	6.21	388	110	0.8	2	2.85	<0.5	8	8	46	7.73
S411642		0.38	0.006		<0.5	5.43	<5	70	1.7	<2	5.37	<0.5	4	15	4	4.00
S411643		0.42	0.272		6.8	0.31	<5	10	<0.5	16	0.23	1.1	11	32	31	2.63
S411644		0.27	<0.005		<0.5	6.03	6	50	0.8	4	1.79	<0.5	17	9	2	10.10
S411645		0.44	<0.005		<0.5	6.74	<5	20	<0.5	4	6.98	0.7	74	7	119	14.15
S411646		0.23	<0.005		<0.5	6.43	<5	60	1.5	2	1.58	<0.5	1	11	10	2.16
S411647		0.29	<0.005		<0.5	4.64	<5	780	<0.5	<2	0.18	<0.5	19	13	4	3.93
S411648		0.42	0.019		<0.5	5.87	<5	180	1.2	2	0.88	<0.5	1	10	17	5.30
S411649		0.39	0.017		<0.5	6.65	10	10	0.7	2	0.73	<0.5	16	7	9	10.60
S411650		0.51	<0.005		<0.5	5.87	<5	100	0.9	2	2.53	<0.5	9	5	1	8.09

Commentaire: SAMPLE S411669 LOST DURING PREP

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À: EXPLORATION MIDLAND INC
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Finalisée date:
26- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18179446

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S411611		10	0.35	10	1.28	1385	2	1.80	40	1180	22		0.26	<5	15	221
S411612		<10	0.20	10	0.26	5220	23	0.01	32	1110	25		0.13	<5	1	10
S411613		<10	0.13	<10	0.03	90	5	0.01	1	20	5		0.07	<5	<1	2
S411614		<10	0.02	10	3.68	7140	2	<0.01	<1	440	<2		0.10	8	<1	43
S411615		<10	0.04	<10	0.07	1025	1	<0.01	2	60	2		1.73	<5	<1	<1
S411616		20	0.16	10	3.04	1175	<1	0.83	73	590	<2		0.02	<5	23	293
S411617		20	0.08	10	4.34	1035	1	2.85	39	490	10		0.91	<5	54	103
S411618		20	0.04	10	5.36	1115	1	1.40	57	460	6		1.32	<5	45	44
S411619		<10	0.02	<10	0.52	263	6	0.24	37	80	7		2.92	<5	2	12
S411620		20	1.08	10	1.48	849	8	2.14	40	730	44		0.15	7	16	263
S411621		20	0.15	<10	3.23	979	2	1.88	106	440	<2		0.01	<5	43	138
S411622		20	0.09	10	4.63	1450	2	1.10	89	380	2		0.01	<5	44	115
S411623		10	0.03	<10	1.93	603	2	0.40	34	150	<2		0.11	<5	23	26
S411624		20	1.07	10	2.98	776	4	1.40	38	610	2		0.91	5	35	101
S411625		30	0.15	10	2.27	385	3	5.60	61	340	<2		1.44	<5	14	40
S411626		50	0.19	10	3.12	461	25	4.72	147	670	<2		3.50	<5	15	42
S411627		10	0.01	<10	3.83	1390	<1	0.02	26	20	<2		0.19	<5	3	11
S411628		20	0.30	20	0.41	1290	<1	2.51	<1	600	3		0.15	<5	21	197
S411629		20	0.86	30	0.49	1255	1	3.11	<1	1120	5		0.02	<5	18	87
S411630		20	3.83	40	1.05	712	1	1.73	22	340	14		0.18	<5	13	127
S411631		20	0.41	10	0.28	743	1	3.27	<1	290	<2		0.28	<5	13	135
S411632		20	0.12	10	0.65	1735	<1	2.92	<1	1050	2		0.07	<5	29	42
S411633		20	0.09	<10	2.73	1430	<1	0.11	40	250	3		0.02	6	40	155
S411634		10	0.87	<10	2.27	1335	<1	1.57	34	200	<2		0.02	<5	25	48
S411635		30	0.24	10	0.10	447	2	4.87	<1	340	5		0.30	<5	15	139
S411636		10	0.60	30	0.23	558	<1	3.48	<1	470	3		0.03	<5	15	51
S411637		20	0.18	10	0.10	896	<1	4.47	1	200	3		0.01	<5	12	36
S411638		20	0.74	10	0.31	871	<1	1.93	<1	820	7		0.08	<5	18	80
S411639		<10	0.03	<10	0.02	553	1	0.15	2	40	>10000	1.565	0.26	<5	3	7
S411640		20	2.09	20	1.84	809	1	2.18	57	840	62		0.17	<5	26	471
S411641		20	0.46	10	0.34	1365	<1	3.60	<1	850	33		0.86	<5	15	109
S411642		30	0.30	20	0.33	694	<1	1.20	<1	530	6		0.03	<5	18	119
S411643		<10	0.02	<10	0.02	157	1	0.18	<1	40	1985		1.34	<5	1	4
S411644		20	0.15	10	0.48	2110	<1	2.41	<1	1200	12		0.01	<5	24	57
S411645		20	0.14	<10	3.04	1600	<1	1.51	45	180	6		0.32	5	54	93
S411646		20	0.36	10	0.29	440	<1	4.19	2	510	8		0.01	<5	12	79
S411647		10	4.08	<10	1.04	705	<1	0.09	18	30	<2		0.01	<5	2	11
S411648		20	0.47	20	0.13	806	<1	3.12	<1	230	2		0.12	<5	13	112
S411649		20	0.08	10	1.11	1625	<1	2.43	<1	1400	<2		0.04	<5	22	21
S411650		20	0.68	20	0.53	1355	<1	2.59	<1	1380	<2		<0.01	<5	25	110

Commentaire: SAMPLE S411669 LOST DURING PREP

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CERTIFICAT D'ANALYSE VO18179446

Description échantillon	Méthode élément unités LDI	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411611		<20	0.63	<10	<10	164	<10	208
S411612		<20	0.03	10	<10	372	<10	1085
S411613		<20	0.01	<10	<10	113	<10	12
S411614		<20	0.01	10	<10	9	<10	35
S411615		<20	<0.01	<10	<10	9	<10	12
S411616		<20	0.69	10	<10	191	<10	73
S411617		<20	0.83	10	<10	409	<10	337
S411618		<20	0.83	20	<10	421	<10	347
S411619		<20	0.08	<10	<10	44	<10	196
S411620		<20	0.37	<10	<10	142	40	282
S411621		<20	0.73	10	<10	389	<10	85
S411622		<20	0.69	<10	<10	363	<10	142
S411623		<20	0.34	10	<10	189	<10	144
S411624		<20	0.91	<10	<10	373	<10	80
S411625		<20	0.93	10	10	364	<10	27
S411626		<20	0.85	10	<10	333	<10	33
S411627		<20	0.02	<10	<10	177	<10	118
S411628		<20	0.36	<10	<10	3	<10	54
S411629		<20	0.40	<10	<10	5	<10	49
S411630		<20	0.36	<10	<10	74	<10	39
S411631		<20	0.28	<10	<10	2	<10	43
S411632		<20	0.88	<10	<10	8	10	55
S411633		<20	0.68	<10	<10	481	<10	42
S411634		<20	0.29	<10	<10	178	<10	49
S411635		<20	0.30	<10	<10	5	<10	38
S411636		<20	0.27	<10	<10	5	<10	19
S411637		<20	0.25	<10	<10	3	<10	37
S411638		<20	0.37	<10	<10	5	<10	57
S411639		<20	0.02	<10	<10	3	<10	7
S411640		<20	0.52	<10	<10	159	<10	106
S411641		<20	0.39	<10	<10	3	10	56
S411642		<20	0.34	<10	<10	2	<10	21
S411643		<20	0.02	<10	<10	3	<10	4
S411644		<20	0.59	<10	<10	6	<10	55
S411645		<20	1.07	<10	<10	1205	<10	109
S411646		<20	0.41	<10	<10	23	<10	17
S411647		<20	0.03	<10	<10	74	<10	25
S411648		<20	0.24	<10	<10	2	<10	38
S411649		<20	0.58	<10	<10	5	<10	67
S411650		<20	0.67	<10	<10	1	<10	67

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18179446

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411651		0.45	0.013		<0.5	7.37	<5	10	0.5	4	1.81	0.6	28	10	805	10.30
S411652		0.36	<0.005		<0.5	5.86	5	120	1.1	<2	2.70	<0.5	21	20	66	14.20
S411653		0.52	<0.005		<0.5	6.30	<5	30	3.8	3	0.32	<0.5	7	7	12	4.56
S411654		0.37	<0.005		<0.5	2.09	5	30	<0.5	<2	1.09	<0.5	19	17	14	4.61
S411655		0.41	0.033		3.8	4.14	<5	50	<0.5	<2	0.11	4.4	81	14	9100	14.35
S411656		0.34	<0.005		<0.5	5.80	<5	20	0.5	4	5.25	0.7	42	5	363	11.40
S411657		0.64	<0.005		<0.5	1.06	<5	20	<0.5	<2	3.40	<0.5	3	21	25	2.25
S411658		0.51	<0.005		0.5	0.25	21	10	<0.5	<2	0.04	<0.5	<1	40	11	0.85
S411659		0.48	0.072		3.5	0.81	13	50	0.6	4	0.08	7.2	6	46	186	3.57
S411660		0.12	4.06		0.5	6.82	33	580	0.8	<2	2.42	0.9	17	60	143	5.07
S411661		0.34	<0.005		0.7	3.90	29	240	1.7	<2	1.18	1.5	11	52	173	22.7
S411662		0.42	<0.005		<0.5	0.07	<5	10	<0.5	4	0.01	<0.5	<1	24	11	1.12
S411663		0.49	<0.005		<0.5	0.11	<5	10	<0.5	<2	0.03	<0.5	<1	36	6	1.08
S411664		0.58	<0.005		<0.5	4.30	<5	10	<0.5	<2	0.10	<0.5	3	25	53	16.25
S411665		0.67	<0.005		<0.5	0.02	<5	<10	<0.5	<2	<0.01	<0.5	41	22	82	5.13
S411666		0.39	<0.005		<0.5	1.10	7	70	0.6	<2	0.25	1.7	2	40	29	2.56
S411667		0.35	<0.005		<0.5	8.60	<5	130	<0.5	2	10.50	0.6	28	68	9	7.01
S411668		0.42	<0.005		<0.5	7.45	<5	10	<0.5	<2	6.60	1.2	96	61	568	13.30
S411669		Destroyed														
S411670		0.28	<0.005		<0.5	0.61	<5	20	<0.5	<2	0.36	<0.5	5	34	11	1.15
S411671		0.29	<0.005		<0.5	8.44	<5	70	0.6	<2	1.46	<0.5	46	235	67	10.85
S411672		0.31	<0.005		<0.5	8.04	<5	200	<0.5	<2	1.72	<0.5	55	234	81	9.82
S411673		0.33	<0.005		<0.5	0.15	<5	10	<0.5	<2	0.03	<0.5	1	30	2	0.82
S411674		0.30	<0.005		<0.5	7.90	<5	30	<0.5	<2	1.54	0.5	38	194	128	9.59
S411675		0.24	<0.005		<0.5	7.97	<5	40	0.5	<2	3.71	0.6	41	140	157	8.81
S411676		0.31	<0.005		<0.5	8.40	<5	50	<0.5	<2	1.75	0.5	44	154	67	9.85
S411677		0.42	<0.005		<0.5	3.84	<5	20	<0.5	<2	2.34	<0.5	19	58	8	4.66
S411678		0.30	<0.005		<0.5	7.41	<5	490	1.3	<2	1.65	<0.5	7	46	1	3.21
S411679		0.36	0.028		0.9	4.67	94	50	0.6	<2	0.75	1.7	48	99	344	24.2
S411680		Not Recvd														
S411681		0.48	<0.005		<0.5	6.00	<5	850	1.1	<2	0.87	<0.5	2	17	7	3.10
S411682		0.29	<0.005		<0.5	0.11	<5	10	<0.5	<2	0.04	<0.5	<1	18	2	0.32
S411683		0.43	<0.005		<0.5	6.67	<5	60	0.8	<2	1.23	<0.5	3	21	8	2.61
S411684		0.29	<0.005		<0.5	7.05	17	280	1.5	<2	0.78	<0.5	23	81	175	4.74
S411685		0.54	<0.005		<0.5	3.11	<5	20	<0.5	<2	3.31	0.5	5	16	3	8.77
S411686		0.46	<0.005		<0.5	4.62	<5	10	0.8	<2	8.76	0.5	8	7	2	8.90
S411687		0.44	<0.005		<0.5	5.80	<5	130	1.2	<2	2.43	<0.5	2	12	3	3.86
S411688		0.53	<0.005		<0.5	5.84	<5	80	1.0	<2	0.15	<0.5	<1	12	6	2.00
S411689		0.30	<0.005		<0.5	6.36	35	20	1.2	<2	1.47	<0.5	11	7	9	7.90
S411690		0.41	<0.005		<0.5	0.68	<5	60	<0.5	<2	0.04	<0.5	1	31	3	1.24

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Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S411651		30	0.04	10	3.04	1130	<1	2.12	28	790	4		0.08	<5	51	20
S411652		20	0.24	10	1.68	1355	<1	2.03	2	2250	3		0.44	<5	36	67
S411653		30	0.08	30	0.69	481	<1	3.85	<1	190	3		0.05	<5	10	20
S411654		10	0.08	<10	0.62	612	1	0.74	<1	200	<2		0.01	<5	15	20
S411655		10	0.06	<10	1.76	1210	1	0.01	38	10	<2		0.89	<5	3	3
S411656		20	0.10	10	3.36	1865	<1	1.61	26	280	4		0.05	<5	54	96
S411657		<10	0.05	<10	0.73	521	<1	0.04	13	90	<2		0.01	<5	1	18
S411658		<10	0.12	<10	0.03	129	2	0.01	1	40	2		0.19	<5	1	3
S411659		<10	0.43	<10	0.14	99	55	0.02	117	190	53		3.79	21	2	10
S411660		20	1.06	10	1.46	851	7	2.14	39	750	44		0.15	6	16	266
S411661		10	1.24	20	1.15	11550	16	0.06	104	950	10		5.12	<5	7	58
S411662		<10	0.03	<10	0.01	102	1	0.01	<1	30	3		0.07	<5	<1	1
S411663		<10	0.03	<10	0.02	103	1	0.02	1	210	<2		0.02	<5	<1	3
S411664		10	0.05	<10	1.60	828	2	0.02	5	630	5		0.11	<5	4	5
S411665		<10	<0.01	<10	<0.01	68	1	<0.01	69	10	<2		3.99	<5	<1	<1
S411666		<10	0.57	<10	0.23	1140	5	0.03	6	380	6		0.08	<5	2	16
S411667		30	0.16	<10	2.59	1105	1	1.40	44	340	10		0.02	17	19	937
S411668		20	0.04	<10	3.56	1085	1	1.16	310	180	2		3.44	<5	10	131
S411669																
S411670		<10	0.05	<10	0.12	198	1	0.25	8	20	2		0.07	<5	1	17
S411671		30	0.12	<10	4.96	1125	<1	2.43	118	410	6		0.66	<5	31	125
S411672		20	0.69	10	4.50	1290	1	1.67	132	230	3		0.04	<5	40	65
S411673		<10	0.02	<10	0.05	93	<1	0.05	3	10	<2		0.01	<5	<1	3
S411674		20	0.05	<10	4.20	945	<1	2.54	79	310	7		0.53	<5	37	75
S411675		20	0.07	<10	3.27	1025	<1	2.52	83	340	3		0.53	<5	29	147
S411676		20	0.14	10	3.93	1165	<1	1.68	84	180	<2		0.02	<5	40	108
S411677		10	0.02	<10	2.12	792	<1	1.06	79	170	<2		0.01	<5	17	36
S411678		20	2.24	30	0.71	582	1	2.92	16	320	12		0.02	6	9	341
S411679		10	0.63	10	0.69	133	14	2.25	143	180	48		>10.0	<5	10	12
S411680																
S411681		20	2.80	30	0.21	557	1	2.35	2	490	7		0.12	<5	12	98
S411682		<10	0.01	10	0.01	178	<1	0.06	2	120	<2		0.02	<5	1	3
S411683		20	0.30	<10	0.50	740	<1	5.00	3	90	6		0.02	5	18	54
S411684		20	1.36	10	1.35	636	1	4.16	31	210	2		0.14	<5	8	123
S411685		20	0.03	<10	0.80	1710	<1	0.14	3	40	<2		0.01	<5	10	29
S411686		20	0.04	<10	0.71	1675	<1	1.31	1	400	4		0.01	<5	16	83
S411687		20	0.78	20	0.24	894	1	4.05	3	290	2		0.01	<5	11	153
S411688		10	0.22	20	0.02	121	1	5.06	2	250	<2		0.05	<5	4	134
S411689		20	0.07	<10	0.93	1535	<1	3.02	2	930	2		0.05	<5	26	39
S411690		<10	0.21	<10	0.10	163	1	0.16	4	30	<2		<0.01	<5	1	5

Commentaire: SAMPLE S411669 LOST DURING PREP

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Finalisée date:
26- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18179446

Description échantillon	Méthode élément unités LDI	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411651		<20	1.88	<10	<10	314	<10	137
S411652		<20	1.50	<10	<10	31	<10	61
S411653		<20	0.24	<10	<10	2	<10	52
S411654		<20	0.57	<10	<10	144	<10	37
S411655		<20	0.01	<10	<10	693	<10	336
S411656		<20	0.92	<10	<10	562	<10	160
S411657		<20	0.01	<10	<10	10	<10	44
S411658		<20	0.01	<10	<10	127	<10	24
S411659		<20	0.04	10	20	335	<10	361
S411660		<20	0.36	<10	<10	141	40	283
S411661		<20	0.07	10	<10	344	<10	206
S411662		<20	<0.01	<10	<10	7	<10	44
S411663		<20	<0.01	<10	<10	8	<10	12
S411664		<20	0.04	<10	<10	42	<10	159
S411665		<20	<0.01	<10	<10	3	<10	8
S411666		<20	0.05	<10	<10	57	<10	111
S411667		<20	0.58	<10	<10	227	<10	56
S411668		<20	0.29	<10	<10	158	<10	139
S411669								
S411670		<20	0.02	<10	<10	14	<10	5
S411671		<20	0.62	<10	<10	426	10	145
S411672		<20	0.73	<10	<10	353	<10	104
S411673		<20	0.01	<10	<10	7	<10	2
S411674		<20	0.67	<10	<10	370	<10	113
S411675		<20	0.68	<10	<10	326	<10	94
S411676		<20	0.80	<10	<10	376	<10	108
S411677		<20	0.39	<10	<10	180	<10	50
S411678		<20	0.31	<10	<10	58	<10	23
S411679		<20	0.31	10	<10	134	<10	386
S411680								
S411681		<20	0.23	<10	<10	5	<10	38
S411682		<20	<0.01	<10	<10	1	820	3
S411683		<20	0.41	<10	<10	11	10	18
S411684		<20	0.25	<10	<10	89	<10	32
S411685		<20	0.02	<10	<10	11	<10	67
S411686		<20	0.31	<10	<10	7	<10	74
S411687		<20	0.22	<10	<10	3	<10	33
S411688		<20	0.29	<10	<10	2	<10	6
S411689		<20	0.78	<10	<10	8	10	52
S411690		<20	0.03	<10	<10	10	<10	5

Commentaire: SAMPLE S411669 LOST DURING PREP

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CERTIFICAT D'ANALYSE VO18179446

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411880		0.40	<0.005		<0.5	8.18	6	1040	1.1	<2	2.74	<0.5	24	114	41	7.10

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CERTIFICAT D'ANALYSE VO18179446

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S411880		20	1.93	20	2.15	881	1	2.37	60	940	13		0.09	<5	26	528

Commentaire: SAMPLE S411669 LOST DURING PREP

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Description échantillon	Méthode élément unités LDI	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411880		<20	0.63	<10	<10	173	<10	119

Commentaire: SAMPLE S411669 LOST DURING PREP

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CERTIFICAT D'ANALYSE VO18179446

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	ME- ICP61	ME- OG62
	Pb- OG62			

Traité à ALS Timmins, Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applique à la Méthode:				
	CRU- 32	LOG- 21	LOG- 23	PUL- 32
	PUL- QC	SPL- 21	WEI- 21	

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Finalisée date:
14- AOUT- 2018
Compte: MIDEXP

CERTIFICAT VO18180563

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 50 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 26- JUIL- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21	Entrée échantillon - Code barre client
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18180563

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
X858126		0.69	<0.005	<0.5	8.36	5	1350	1.3	<2	2.58	<0.5	18	92	21	5.24	20
X858127		2.08	<0.005	<0.5	5.87	<5	220	1.4	<2	1.36	<0.5	3	12	11	3.90	20
X858128		2.90	<0.005	<0.5	5.77	<5	190	1.2	<2	2.08	<0.5	2	10	4	4.95	20
X858129		3.86	<0.005	<0.5	6.01	12	290	1.3	<2	1.48	<0.5	1	10	30	4.63	20
X858130		4.55	<0.005	<0.5	6.35	33	290	1.2	<2	1.21	<0.5	1	10	19	5.28	20
X858131		3.20	0.089	<0.5	5.77	<5	250	1.1	<2	1.46	<0.5	1	7	11	5.01	20
X858132		3.96	0.005	<0.5	5.79	<5	280	1.2	<2	1.50	<0.5	2	7	4	5.31	20
X858133		3.74	<0.005	<0.5	5.87	<5	290	1.4	<2	1.88	<0.5	2	9	9	4.96	20
X858134		2.72	<0.005	<0.5	7.26	<5	120	1.1	<2	0.93	<0.5	2	9	2	4.14	20
X858135		4.05	<0.005	<0.5	7.85	<5	150	1.4	<2	3.11	<0.5	1	3	3	3.98	20
X858136		4.34	<0.005	<0.5	5.77	<5	160	1.5	<2	1.44	<0.5	2	13	2	3.24	20
X858137		4.55	<0.005	<0.5	5.96	5	300	1.3	<2	2.16	<0.5	2	8	12	4.89	20
X858138		2.87	0.082	<0.5	5.86	142	160	1.2	<2	1.48	<0.5	3	13	16	4.83	20
X858139		3.54	0.859	<0.5	5.73	24	130	1.2	<2	1.74	<0.5	2	9	13	5.27	20
X858140		0.11	4.02	0.7	7.02	32	600	0.8	<2	2.48	1.0	18	63	148	5.17	20
X858141		2.67	0.831	<0.5	5.19	<5	80	0.9	<2	1.08	<0.5	2	24	40	4.06	20
X858142		2.42	0.201	<0.5	5.59	8	160	1.0	<2	1.68	<0.5	1	9	10	5.16	20
X858143		2.22	0.210	<0.5	5.81	86	150	1.0	<2	0.81	<0.5	5	15	48	4.32	20
X858144		2.57	<0.005	<0.5	5.86	16	230	1.2	<2	0.97	<0.5	3	17	23	4.67	20
X858145		2.65	<0.005	<0.5	5.67	5	190	1.0	<2	1.65	<0.5	2	9	3	4.99	20
X858146		1.98	<0.005	<0.5	5.72	<5	180	1.2	<2	1.26	<0.5	1	13	6	4.10	20
X858147		2.45	<0.005	<0.5	5.63	<5	360	1.4	<2	1.91	<0.5	2	7	3	4.47	20
X858148		4.21	<0.005	<0.5	5.91	<5	160	1.3	<2	1.30	<0.5	1	10	8	3.48	20
X858149		5.28	<0.005	<0.5	5.71	<5	300	1.3	<2	1.66	<0.5	1	9	4	5.21	20
X858150		2.72	<0.005	<0.5	5.49	5	270	1.3	<2	1.30	<0.5	3	8	11	4.98	20
X858151		3.25	0.219	<0.5	4.80	8	90	0.9	<2	1.09	<0.5	3	15	16	3.66	20
X858152		3.70	0.005	<0.5	5.45	8	120	1.1	<2	1.49	<0.5	6	14	19	4.48	20
X858153		2.59	<0.005	<0.5	5.56	26	90	1.1	<2	1.43	<0.5	5	21	11	3.66	20
X858154		3.47	0.035	<0.5	5.36	12	80	1.0	<2	0.99	<0.5	4	19	20	4.32	20
X858155		3.56	0.005	<0.5	5.66	<5	110	1.2	<2	0.80	<0.5	3	11	28	4.51	20
X858156		3.54	<0.005	<0.5	6.62	19	150	1.1	<2	1.10	<0.5	4	8	14	4.97	20
X858157		3.71	0.005	<0.5	5.73	6	120	1.3	<2	0.93	<0.5	8	10	21	4.74	20
X858158		4.08	0.006	<0.5	5.77	7	160	1.2	<2	1.26	<0.5	3	12	65	5.23	20
X858159		3.79	<0.005	<0.5	5.98	<5	130	0.9	<2	1.38	<0.5	4	11	2	4.28	20
X858160		0.46	<0.005	<0.5	7.28	<5	1260	1.0	<2	2.61	<0.5	27	128	30	7.43	20
X858161		2.21	<0.005	<0.5	4.50	8	50	0.9	2	1.30	<0.5	2	15	6	2.96	10
X858162		2.82	0.579	<0.5	5.52	112	70	1.1	<2	1.24	<0.5	3	11	3	3.98	20
X858163		2.86	<0.005	<0.5	5.72	<5	190	1.3	<2	1.08	<0.5	4	10	10	4.88	20
X858164		3.08	<0.005	<0.5	5.76	<5	330	1.8	<2	1.35	<0.5	3	9	13	3.79	20
X858165		2.17	<0.005	<0.5	5.76	<5	200	1.6	<2	1.04	<0.5	5	8	6	4.71	20

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Description échantillon	Méthode élément unités LDI	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
X858126		2.18	30	1.70	568	1	2.46	44	910	19	0.05	6	18	486	<20	0.51
X858127		0.62	20	0.33	695	<1	3.31	<1	200	2	0.10	<5	10	79	<20	0.20
X858128		0.52	20	0.20	973	1	2.95	<1	190	<2	0.05	<5	10	120	<20	0.20
X858129		0.71	20	0.26	806	1	3.35	<1	270	3	0.31	<5	13	90	<20	0.24
X858130		0.71	20	0.33	865	1	3.44	<1	230	<2	0.22	<5	14	76	<20	0.26
X858131		0.56	20	0.20	875	1	3.26	1	260	2	0.28	<5	13	102	<20	0.25
X858132		0.50	20	0.16	927	1	3.11	<1	260	3	0.13	<5	14	96	<20	0.25
X858133		0.60	20	0.21	1040	<1	3.28	<1	260	6	0.13	<5	14	106	<20	0.25
X858134		0.41	20	0.29	698	<1	5.04	1	330	<2	0.01	<5	15	88	<20	0.31
X858135		0.52	10	0.24	989	<1	6.16	<1	420	5	0.01	<5	15	103	<20	0.38
X858136		0.57	20	0.40	627	<1	3.45	1	170	4	0.01	<5	10	50	<20	0.19
X858137		0.80	20	0.29	958	<1	2.82	2	250	<2	0.10	<5	13	99	<20	0.23
X858138		0.34	20	0.17	758	1	3.57	<1	270	<2	0.33	<5	14	97	<20	0.25
X858139		0.27	20	0.14	850	1	3.55	<1	250	4	0.38	<5	14	116	<20	0.25
X858140		1.11	10	1.53	862	8	2.22	42	750	47	0.15	7	16	277	<20	0.38
X858141		0.18	20	0.09	576	<1	3.88	1	240	4	0.96	<5	12	92	<20	0.22
X858142		0.25	20	0.10	826	1	3.40	<1	250	<2	0.22	<5	14	90	<20	0.25
X858143		0.32	20	0.08	408	2	4.28	1	290	3	1.35	<5	9	98	<20	0.25
X858144		0.49	20	0.10	600	1	3.57	<1	250	<2	0.66	<5	14	93	<20	0.25
X858145		0.29	20	0.14	874	1	3.29	<1	230	<2	0.08	<5	13	110	<20	0.25
X858146		0.34	20	0.19	822	1	3.50	1	200	<2	0.07	<5	11	91	<20	0.20
X858147		0.83	20	0.32	957	<1	2.83	1	280	2	0.02	<5	13	88	<20	0.26
X858148		0.40	20	0.17	707	1	4.06	<1	210	2	0.10	<5	11	91	<20	0.21
X858149		0.61	20	0.19	995	1	3.00	<1	270	<2	0.08	<5	14	100	<20	0.25
X858150		0.49	20	0.16	878	2	3.02	3	230	3	0.16	<5	13	85	<20	0.23
X858151		0.23	20	0.14	693	2	3.49	2	190	3	0.39	<5	10	85	<20	0.20
X858152		0.32	50	0.22	953	4	3.72	3	220	3	0.24	<5	12	87	<20	0.22
X858153		0.22	20	0.19	829	3	4.06	2	240	3	0.04	<5	11	77	<20	0.21
X858154		0.21	20	0.20	679	1	3.68	1	140	2	0.32	<5	10	72	<20	0.16
X858155		0.25	20	0.22	671	2	3.66	1	120	3	0.35	<5	9	65	<20	0.17
X858156		0.38	30	0.32	777	2	4.03	<1	150	<2	0.15	<5	11	67	<20	0.20
X858157		0.30	50	0.22	668	7	3.58	1	140	<2	0.24	<5	9	70	<20	0.18
X858158		0.35	20	0.23	848	1	3.70	2	260	6	0.64	<5	14	102	<20	0.26
X858159		0.34	10	0.32	819	1	3.82	2	300	<2	0.01	<5	15	54	<20	0.28
X858160		1.78	30	2.40	994	2	2.01	62	1120	8	0.09	<5	27	459	<20	0.65
X858161		0.12	10	0.13	764	1	3.54	1	250	2	0.01	<5	10	56	<20	0.24
X858162		0.20	20	0.26	875	<1	3.93	1	200	<2	0.03	<5	12	82	<20	0.23
X858163		0.53	20	0.26	906	1	3.13	<1	230	<2	0.09	<5	14	72	<20	0.23
X858164		0.90	10	0.27	864	<1	3.06	1	250	4	0.09	<5	14	76	<20	0.24
X858165		0.57	20	0.27	820	1	3.17	2	230	<2	0.08	<5	13	74	<20	0.23

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Projet: WILLBOB PROJECT

Finalisée date:
14- AOUT- 2018
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO18180563

Description échantillon	Méthode élément unités LDI	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
X858126		<10	<10	137	<10	99
X858127		<10	<10	1	<10	33
X858128		<10	<10	1	<10	46
X858129		<10	<10	1	<10	38
X858130		<10	<10	1	<10	49
X858131		<10	<10	1	<10	52
X858132		<10	<10	1	<10	58
X858133		<10	<10	1	<10	45
X858134		<10	<10	2	<10	44
X858135		<10	<10	2	<10	44
X858136		<10	<10	1	10	31
X858137		<10	<10	1	<10	45
X858138		<10	<10	2	<10	48
X858139		<10	<10	1	<10	54
X858140		<10	<10	145	40	297
X858141		<10	<10	2	<10	27
X858142		<10	<10	1	<10	60
X858143		<10	<10	2	<10	23
X858144		<10	<10	2	<10	40
X858145		<10	<10	1	<10	47
X858146		<10	<10	1	<10	42
X858147		<10	<10	1	<10	39
X858148		<10	<10	2	<10	35
X858149		<10	<10	1	<10	54
X858150		<10	<10	1	<10	54
X858151		<10	<10	2	<10	29
X858152		<10	<10	2	<10	36
X858153		<10	<10	2	<10	30
X858154		<10	<10	2	<10	39
X858155		<10	<10	1	<10	34
X858156		<10	<10	1	<10	40
X858157		<10	<10	1	<10	34
X858158		<10	<10	1	<10	42
X858159		<10	<10	1	<10	43
X858160		<10	<10	190	<10	126
X858161		<10	<10	2	<10	22
X858162		<10	<10	1	<10	34
X858163		<10	<10	1	<10	40
X858164		<10	<10	1	<10	33
X858165		<10	<10	1	<10	43

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CERTIFICAT D'ANALYSE VO18180563

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
X858166		1.85	0.006	<0.5	5.61	172	50	0.9	<2	1.50	0.5	3	15	6	3.51	10
X858167		2.22	<0.005	<0.5	5.06	<5	50	1.0	<2	2.46	0.5	1	14	3	3.72	10
X858168		2.49	<0.005	<0.5	5.43	5	220	1.3	<2	1.65	<0.5	4	8	17	4.34	20
X858169		2.95	1.130	<0.5	5.10	9	110	1.0	<2	1.36	<0.5	2	11	19	4.12	20
X858170		4.63	<0.005	<0.5	5.56	<5	120	1.1	<2	1.35	<0.5	3	8	7	4.95	20
X858171		4.28	<0.005	<0.5	6.38	<5	270	1.8	<2	1.15	<0.5	4	7	4	4.12	20
X858172		3.94	<0.005	<0.5	6.24	<5	190	1.4	<2	1.49	<0.5	4	12	1	4.89	20
X858173		3.28	<0.005	<0.5	5.82	6	130	1.1	<2	1.11	<0.5	3	10	4	4.92	20
X858174		3.44	<0.005	<0.5	7.22	<5	110	1.1	<2	1.93	<0.5	4	8	1	4.56	20
X858175		2.82	<0.005	<0.5	7.94	<5	180	1.2	<2	1.08	<0.5	3	6	1	5.86	30

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Description échantillon	Méthode élément unités LDI	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
X858166		0.16	20	0.17	786	1	4.30	1	280	3	0.14	<5	10	102	<20	0.26
X858167		0.17	10	0.23	1260	1	4.11	1	170	2	0.01	<5	10	113	<20	0.25
X858168		0.59	10	0.22	1080	1	3.32	1	230	<2	0.04	<5	13	104	<20	0.24
X858169		0.23	20	0.15	816	2	3.35	2	190	3	0.17	<5	11	85	<20	0.21
X858170		0.26	20	0.22	871	2	3.19	<1	220	<2	0.11	<5	13	91	<20	0.22
X858171		0.64	10	0.31	915	1	3.75	1	250	<2	0.04	<5	14	67	<20	0.24
X858172		0.52	10	0.39	1025	1	3.66	2	300	<2	0.02	<5	18	65	<20	0.28
X858173		0.37	20	0.37	973	2	3.38	<1	290	<2	0.04	<5	14	64	<20	0.26
X858174		0.38	10	0.33	931	1	5.00	1	320	<2	<0.01	<5	17	87	<20	0.30
X858175		0.49	20	0.41	960	1	5.03	2	390	<2	<0.01	<5	20	81	<20	0.37

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Description échantillon	Méthode élément unités LDI	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
X858166		<10	<10	3	<10	32
X858167		<10	<10	2	<10	22
X858168		<10	<10	2	<10	40
X858169		<10	<10	1	<10	36
X858170		<10	<10	1	<10	42
X858171		<10	<10	1	<10	35
X858172		<10	<10	3	<10	43
X858173		<10	<10	1	<10	45
X858174		<10	<10	2	<10	40
X858175		10	<10	2	<10	69

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Finalisée date:
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CERTIFICAT D'ANALYSE VO18180563

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 21
LOG- 23	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- AA23	ME- ICP61

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 14-AOUT-2018
Compte: MIDEXP

CERTIFICAT VO18183907

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 64 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30-JUIL-2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

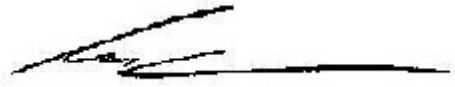
CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
BAG-01	Entreposage pulp de ref.
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 14-AOUT-2018
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CERTIFICAT D'ANALYSE VO18183907

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
X858226		2.19	0.565	<0.5	4.66	78	150	0.9	<2	1.69	<0.5	3	16	18	5.06	20
X858227		3.12	<0.005	<0.5	5.76	<5	260	1.3	<2	1.83	<0.5	3	8	5	5.25	20
X858228		3.50	<0.005	<0.5	5.47	<5	120	1.0	<2	2.19	<0.5	2	11	2	5.60	20
X858229		3.48	<0.005	<0.5	5.36	<5	160	1.1	<2	2.11	<0.5	4	16	1	5.87	20
X858230		3.58	<0.005	<0.5	5.44	<5	160	1.1	<2	1.57	<0.5	3	8	6	5.74	20
X858231		4.56	0.033	<0.5	5.77	61	150	1.5	<2	1.57	<0.5	5	6	20	5.92	20
X858232		3.17	0.216	<0.5	5.56	30	170	1.2	<2	2.05	<0.5	4	8	20	6.10	20
X858233		2.45	0.012	<0.5	5.46	5	130	1.2	<2	1.72	<0.5	4	9	8	5.55	20
X858234		3.86	0.025	<0.5	5.66	17	120	1.0	<2	1.74	<0.5	4	11	10	5.20	20
X858235		1.84	0.026	2.8	5.91	<5	80	1.1	9	2.94	1.3	2	6	3	5.07	20
X858236		3.09	0.252	<0.5	6.03	355	110	1.4	<2	1.80	<0.5	1	14	16	4.21	20
X858237		2.84	1.345	<0.5	6.08	1305	160	1.4	<2	1.35	<0.5	4	13	24	5.17	20
X858238		2.22	<0.005	<0.5	7.45	477	140	1.2	<2	3.05	<0.5	2	7	4	5.89	20
X858239		2.57	<0.005	<0.5	9.03	59	110	1.2	<2	2.39	<0.5	5	2	65	6.64	20
X858240		0.41	<0.005	<0.5	7.67	<5	940	1.3	<2	2.66	<0.5	21	106	44	5.51	20
X858241		2.25	<0.005	<0.5	6.87	6	190	1.2	<2	1.50	<0.5	3	6	19	5.20	20
X858242		2.29	0.013	<0.5	5.93	433	240	1.6	<2	1.05	<0.5	2	10	28	4.86	20
X858243		2.46	0.024	<0.5	6.20	419	130	1.2	<2	1.65	<0.5	4	13	28	5.52	20
X858244		2.52	0.133	<0.5	5.66	5	140	1.2	<2	1.76	<0.5	2	12	16	5.28	20
X858245		2.24	<0.005	<0.5	6.64	<5	80	1.1	<2	3.53	0.6	2	5	4	5.14	20
X858246		2.88	<0.005	<0.5	6.03	32	140	1.1	<2	1.65	<0.5	1	14	13	4.44	20
X858247		3.20	<0.005	<0.5	6.42	<5	260	1.3	<2	1.30	<0.5	<1	15	31	6.91	20
X858248		3.83	0.031	<0.5	6.07	6	290	1.4	<2	1.07	<0.5	3	9	15	5.11	20
X858249		3.06	0.005	<0.5	6.12	<5	220	1.2	<2	1.07	<0.5	2	14	15	4.94	20
X858250		3.46	0.010	<0.5	6.02	<5	140	1.0	<2	1.62	<0.5	2	12	<1	4.11	20
X858251		2.73	0.005	<0.5	5.48	<5	130	1.0	<2	1.23	<0.5	2	11	4	4.83	20
X858252		3.38	<0.005	<0.5	5.85	<5	250	1.3	<2	1.81	<0.5	3	11	6	5.15	20
X858253		3.64	<0.005	<0.5	5.98	<5	220	1.3	<2	1.55	<0.5	3	12	4	4.24	20
X858254		3.86	<0.005	<0.5	5.71	<5	210	1.4	<2	2.00	<0.5	4	10	12	5.00	20
X858255		4.13	<0.005	<0.5	5.77	<5	210	1.4	<2	2.15	<0.5	3	10	3	4.40	20
X858256		4.15	<0.005	<0.5	5.86	<5	250	1.4	<2	1.80	<0.5	5	10	12	3.78	20
X858257		3.72	<0.005	<0.5	5.88	<5	270	1.4	<2	2.24	<0.5	2	11	<1	3.94	20
X858258		3.17	<0.005	<0.5	5.91	<5	90	1.1	<2	1.31	<0.5	3	10	3	4.46	20
X858259		3.46	<0.005	<0.5	5.82	<5	70	1.1	<2	1.99	<0.5	3	10	2	4.03	20
X858260		0.11	3.90	0.8	7.16	27	620	0.8	<2	2.61	0.6	19	67	148	5.34	20
X858261		2.97	0.005	<0.5	6.49	<5	90	1.3	<2	1.50	<0.5	3	12	9	5.27	20
X858262		3.76	0.021	<0.5	5.89	<5	110	1.2	<2	1.26	<0.5	3	12	<1	4.33	20
X858263		3.25	<0.005	<0.5	5.48	<5	140	1.5	<2	1.50	<0.5	3	11	1	3.51	20
X858264		3.40	0.039	<0.5	5.47	21	180	1.4	<2	1.92	<0.5	4	12	6	4.29	20
X858265		3.76	<0.005	<0.5	5.63	<5	170	1.1	<2	1.62	<0.5	6	10	4	4.36	20

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Finalisée date: 14-AOUT-2018
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18183907

Description échantillon	Méthode élément unités LDI	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
X858226		0.52	10	0.22	922	1	2.44	1	310	3	0.40	<5	15	120	<20	0.27
X858227		0.72	10	0.25	1120	1	2.65	<1	330	<2	0.10	<5	15	139	<20	0.27
X858228		0.45	10	0.17	1020	1	2.59	<1	340	<2	0.04	<5	17	122	<20	0.28
X858229		0.64	10	0.14	1065	<1	2.60	<1	350	<2	0.02	<5	17	128	<20	0.29
X858230		0.62	10	0.15	961	1	2.72	<1	350	<2	0.13	<5	18	114	<20	0.29
X858231		0.48	10	0.22	879	1	2.98	<1	360	3	0.39	<5	18	98	<20	0.30
X858232		0.50	10	0.20	1085	<1	2.96	<1	360	3	0.34	<5	18	127	<20	0.29
X858233		0.45	10	0.24	1005	1	3.05	<1	310	<2	0.13	<5	16	120	<20	0.27
X858234		0.42	10	0.22	1110	1	3.88	2	270	5	0.28	<5	15	131	<20	0.27
X858235		0.18	10	0.22	1455	1	5.17	1	150	1310	0.11	<5	13	156	<20	0.28
X858236		0.31	10	0.21	896	1	4.29	1	290	6	0.30	<5	13	147	<20	0.28
X858237		0.71	10	0.20	668	<1	3.78	1	340	3	0.66	5	19	189	<20	0.29
X858238		0.71	10	0.42	1470	1	4.56	2	360	3	0.15	<5	17	176	<20	0.34
X858239		0.42	10	0.45	1180	1	5.68	1	500	3	0.65	<5	20	133	<20	0.43
X858240		1.71	40	1.79	621	2	2.36	57	910	14	0.12	<5	15	519	<20	0.55
X858241		0.57	10	0.36	852	<1	3.74	1	270	3	0.20	<5	12	98	<20	0.28
X858242		0.63	10	0.20	738	1	3.06	1	230	3	0.36	<5	11	107	<20	0.24
X858243		0.35	20	0.35	987	<1	3.47	<1	290	3	0.31	<5	15	104	<20	0.27
X858244		0.32	20	0.22	997	<1	3.55	<1	210	7	0.35	<5	14	109	<20	0.24
X858245		0.14	20	0.29	1745	1	5.94	1	70	6	0.11	5	11	188	<20	0.28
X858246		0.34	20	0.24	906	1	4.04	<1	280	5	0.20	<5	13	121	<20	0.27
X858247		0.64	20	0.38	1005	1	3.13	2	250	4	0.41	<5	14	105	<20	0.24
X858248		0.59	30	0.30	822	1	3.20	<1	240	<2	0.27	<5	12	69	<20	0.23
X858249		0.57	20	0.34	779	1	3.42	<1	270	2	0.22	<5	13	67	<20	0.26
X858250		0.43	20	0.35	796	<1	3.60	1	310	6	0.02	<5	14	63	<20	0.23
X858251		0.39	20	0.33	809	<1	3.09	<1	340	<2	0.09	<5	14	56	<20	0.25
X858252		0.54	20	0.29	955	<1	3.02	1	290	<2	0.14	<5	14	61	<20	0.25
X858253		0.66	10	0.39	778	<1	3.26	<1	310	2	0.03	<5	14	60	<20	0.26
X858254		0.54	10	0.28	956	1	2.94	<1	320	<2	0.20	<5	14	78	<20	0.25
X858255		0.61	20	0.34	887	<1	2.98	<1	270	<2	0.10	<5	13	72	<20	0.23
X858256		0.86	20	0.47	742	1	2.90	<1	200	<2	0.10	<5	12	52	<20	0.21
X858257		1.06	10	0.48	820	<1	2.61	<1	320	<2	0.01	<5	15	62	<20	0.27
X858258		0.31	10	0.39	740	<1	3.55	1	300	<2	0.05	<5	15	55	<20	0.27
X858259		0.23	10	0.29	837	<1	3.76	<1	230	3	0.07	<5	12	72	<20	0.22
X858260		1.14	10	1.59	893	7	2.28	43	830	48	0.15	9	16	283	<20	0.40
X858261		0.28	20	0.38	1025	<1	4.08	<1	320	3	0.10	<5	16	73	<20	0.31
X858262		0.33	20	0.29	722	<1	3.59	<1	180	<2	0.01	<5	11	50	<20	0.17
X858263		0.42	20	0.28	721	1	3.38	<1	210	<2	0.01	<5	10	49	<20	0.21
X858264		0.47	20	0.32	1070	1	3.53	<1	240	2	0.05	<5	16	63	<20	0.24
X858265		0.53	10	0.37	733	1	3.05	<1	280	<2	0.03	<5	14	49	<20	0.25

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À: **EXPLORATION MIDLAND INC**
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 14-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18183907

Description échantillon	Méthode élément unités LDI	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858226		<10	<10	2	<10	37
X858227		<10	<10	1	<10	43
X858228		<10	<10	1	<10	46
X858229		<10	<10	1	<10	52
X858230		<10	<10	1	<10	45
X858231		<10	<10	1	<10	42
X858232		<10	<10	2	<10	47
X858233		<10	<10	1	<10	48
X858234		<10	<10	3	<10	40
X858235		<10	<10	2	<10	33
X858236		<10	<10	3	<10	38
X858237		<10	<10	2	<10	40
X858238		10	<10	2	<10	55
X858239		<10	<10	2	<10	57
X858240		<10	<10	141	<10	93
X858241		<10	<10	2	<10	49
X858242		<10	<10	1	<10	40
X858243		<10	<10	1	<10	48
X858244		<10	<10	2	<10	45
X858245		10	<10	1	<10	29
X858246		<10	<10	2	<10	38
X858247		<10	<10	2	<10	63
X858248		<10	<10	1	<10	39
X858249		<10	<10	1	<10	41
X858250		<10	<10	2	<10	37
X858251		10	<10	2	<10	44
X858252		<10	<10	1	<10	42
X858253		<10	<10	1	<10	33
X858254		<10	<10	1	<10	36
X858255		<10	<10	1	<10	31
X858256		<10	<10	1	<10	28
X858257		<10	<10	1	<10	31
X858258		<10	<10	1	<10	38
X858259		<10	<10	1	<10	32
X858260		<10	<10	150	40	299
X858261		<10	<10	2	<10	49
X858262		<10	<10	2	<10	43
X858263		<10	<10	1	<10	28
X858264		<10	<10	3	<10	34
X858265		<10	<10	2	<10	40

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À: **EXPLORATION MIDLAND INC**
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 14-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18183907

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
X858266		3.37	<0.005	<0.5	5.75	<5	210	1.8	<2	1.94	<0.5	3	12	2	3.85	20
X858267		4.53	<0.005	<0.5	5.82	<5	160	1.4	<2	1.91	<0.5	3	9	<1	4.25	20
X858268		3.54	<0.005	<0.5	5.93	<5	130	1.2	<2	1.52	<0.5	5	16	11	5.14	20
X858269		2.28	0.020	<0.5	5.09	53	50	1.0	<2	1.87	<0.5	7	12	10	3.93	10
X858270		2.36	0.012	<0.5	5.83	55	50	1.0	<2	1.49	<0.5	3	11	10	5.14	20
X858271		3.56	0.005	<0.5	5.76	<5	290	1.6	<2	2.79	<0.5	3	9	3	5.02	30
X858272		2.56	<0.005	<0.5	5.81	7	260	1.6	<2	1.87	<0.5	5	10	5	3.90	20
X858273		3.14	<0.005	<0.5	5.63	20	130	1.1	<2	1.63	<0.5	5	15	4	5.05	20
X858274		2.21	<0.005	<0.5	5.40	16	140	1.2	<2	1.84	<0.5	4	14	5	4.33	20
X858275		2.63	<0.005	<0.5	5.60	10	90	1.1	<2	1.73	<0.5	5	12	2	4.04	20
X858276		1.70	0.015	<0.5	5.99	5	70	1.2	<2	1.76	<0.5	3	12	3	3.59	20
X858277		3.00	<0.005	<0.5	5.64	12	170	1.2	<2	2.10	<0.5	4	14	10	4.25	20
X858278		2.22	<0.005	<0.5	5.61	<5	80	1.0	<2	1.79	<0.5	4	8	4	5.34	20
X858279		3.14	<0.005	<0.5	5.80	<5	280	1.6	<2	2.81	<0.5	4	6	1	4.23	20
X858280		0.45	<0.005	<0.5	7.25	5	890	1.2	<2	2.60	<0.5	21	106	7	5.35	20
X858281		3.14	<0.005	<0.5	5.66	<5	330	1.8	<2	3.00	<0.5	3	9	1	3.57	20
X858282		3.64	<0.005	<0.5	5.68	<5	160	1.3	<2	2.26	<0.5	5	9	2	4.26	20
X858283		2.65	<0.005	<0.5	5.81	<5	110	1.1	<2	1.90	<0.5	5	7	5	5.14	20
X858284		3.31	0.052	<0.5	5.59	8	190	1.5	<2	2.09	<0.5	3	12	2	3.76	20
X858285		3.37	<0.005	<0.5	5.70	<5	140	1.3	<2	1.88	<0.5	3	9	1	3.90	20
X858286		3.22	<0.005	<0.5	5.55	<5	230	1.6	<2	3.20	<0.5	3	17	5	3.75	20
X858287		3.38	<0.005	<0.5	5.82	6	100	1.2	<2	1.74	<0.5	5	7	4	4.98	20
X858288		3.76	<0.005	<0.5	5.84	<5	70	1.2	<2	1.48	<0.5	3	9	7	5.32	20
X858289		3.33	<0.005	<0.5	5.75	10	50	1.2	<2	1.63	<0.5	4	10	11	4.51	20

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132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 14-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18183907

Description échantillon	Méthode élément unités LDI	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
X858266		0.71	30	0.42	797	5	3.10	<1	300	4	0.02	<5	14	59	<20	0.26
X858267		0.54	20	0.45	802	3	3.18	1	310	<2	0.01	5	15	56	<20	0.27
X858268		0.36	20	0.44	827	4	3.32	<1	320	<2	0.14	<5	15	52	<20	0.27
X858269		0.16	60	0.25	884	15	3.57	<1	290	6	0.12	<5	13	51	<20	0.23
X858270		0.13	20	0.31	1020	3	3.88	<1	350	4	0.16	<5	15	58	<20	0.28
X858271		0.75	30	0.37	1130	1	2.77	<1	320	<2	0.09	<5	16	67	<20	0.25
X858272		0.87	20	0.35	911	1	2.99	<1	290	<2	0.02	<5	15	45	<20	0.26
X858273		0.42	20	0.32	1035	1	3.26	<1	280	3	0.08	<5	15	47	<20	0.26
X858274		0.35	20	0.29	1070	1	3.60	<1	270	2	0.10	<5	14	61	<20	0.26
X858275		0.26	10	0.34	919	1	3.87	<1	290	<2	0.02	<5	14	61	<20	0.25
X858276		0.21	10	0.24	816	1	4.36	<1	290	5	0.03	<5	14	57	<20	0.27
X858277		0.42	10	0.32	744	<1	3.19	<1	300	3	0.20	<5	15	44	<20	0.25
X858278		0.19	10	0.31	906	<1	3.11	<1	310	2	0.06	<5	15	60	<20	0.25
X858279		0.99	10	0.39	923	<1	2.45	<1	300	4	0.01	<5	15	58	<20	0.24
X858280		1.49	40	1.80	637	1	2.15	41	1100	12	0.03	<5	17	489	<20	0.55
X858281		1.33	10	0.42	816	<1	2.11	<1	300	<2	0.01	<5	15	55	<20	0.26
X858282		0.72	10	0.41	787	<1	2.68	<1	300	<2	0.02	<5	15	54	<20	0.26
X858283		0.32	10	0.37	906	<1	3.19	<1	290	2	0.11	<5	15	46	<20	0.26
X858284		0.53	10	0.35	891	1	3.33	<1	280	3	0.05	<5	15	48	<20	0.24
X858285		0.39	10	0.38	735	<1	3.34	<1	240	2	0.03	<5	13	57	<20	0.22
X858286		0.56	10	0.34	955	<1	3.06	<1	250	2	0.08	<5	13	78	<20	0.22
X858287		0.23	10	0.31	825	<1	3.41	<1	290	2	0.11	<5	15	55	<20	0.26
X858288		0.15	10	0.25	854	<1	3.48	<1	280	<2	0.17	<5	14	50	<20	0.25
X858289		0.16	10	0.31	857	<1	3.64	<1	300	<2	0.16	<5	15	57	<20	0.27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18183907

Description échantillon	Méthode élément unités LDI	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858266		<10	<10	1	<10	27
X858267		<10	<10	1	<10	30
X858268		<10	<10	1	<10	37
X858269		<10	<10	2	<10	31
X858270		<10	<10	2	<10	44
X858271		<10	<10	1	<10	41
X858272		<10	<10	1	<10	31
X858273		<10	<10	2	<10	46
X858274		<10	<10	2	<10	33
X858275		<10	<10	1	<10	34
X858276		<10	<10	1	<10	30
X858277		<10	<10	1	<10	33
X858278		<10	<10	1	<10	40
X858279		<10	<10	1	<10	33
X858280		<10	<10	131	<10	107
X858281		<10	<10	1	<10	27
X858282		<10	<10	1	<10	34
X858283		<10	<10	1	<10	41
X858284		<10	<10	2	<10	28
X858285		<10	<10	<1	<10	30
X858286		<10	<10	2	<10	28
X858287		<10	<10	1	<10	38
X858288		<10	<10	1	<10	38
X858289		<10	<10	1	<10	37

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CERTIFICAT D'ANALYSE VO18183907

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG-01	CRU-32	CRU-QC	LOG-21
LOG-23	PUL-32	PUL-QC	SPL-21
WEI-21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-AA23	ME-ICP61

ALS Canada Ltd.

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SUITE 220
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Finalisée date:
14- AOUT- 2018
Compte: MIDEXP

CERTIFICAT VO18183969

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 50 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 27- JUIL- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

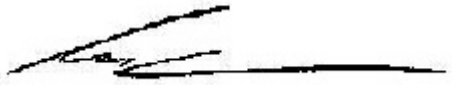
CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21	Entrée échantillon - Code barre client
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
14- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18183969

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
X858176		3.42	<0.005	<0.5	8.22	<5	100	1.0	<2	1.31	<0.5	5	12	2	8.18	30
X858177		3.44	0.085	<0.5	7.98	47	130	1.0	<2	3.60	1.0	6	5	6	12.15	40
X858178		3.47	<0.005	<0.5	5.35	14	50	0.8	<2	1.59	<0.5	4	11	18	5.56	20
X858179		3.75	<0.005	<0.5	5.56	58	80	0.9	<2	1.22	<0.5	4	12	15	4.18	20
X858180		0.11	3.96	<0.5	6.57	29	560	0.8	<2	2.36	0.9	19	60	142	4.91	10
X858181		3.58	0.005	<0.5	5.27	<5	200	1.3	<2	1.75	<0.5	3	14	1	3.63	20
X858182		4.48	<0.005	<0.5	5.38	<5	230	1.4	<2	1.97	<0.5	4	10	1	3.58	20
X858183		3.46	<0.005	<0.5	8.65	<5	170	1.6	<2	1.01	<0.5	4	2	<1	6.67	30
X858184		2.83	0.006	<0.5	7.51	<5	80	1.1	<2	1.05	<0.5	3	6	2	6.20	20
X858185		4.19	<0.005	<0.5	8.93	<5	180	1.8	<2	1.35	<0.5	5	2	1	6.55	30
X858186		4.44	<0.005	<0.5	8.38	<5	110	1.5	<2	0.84	<0.5	4	2	1	6.23	30
X858187		3.12	<0.005	<0.5	9.23	7	150	1.7	<2	0.65	<0.5	6	2	8	6.98	30
X858188		3.50	<0.005	<0.5	6.80	<5	100	1.4	<2	0.68	<0.5	2	9	6	3.88	20
X858189		3.59	<0.005	<0.5	5.86	5	200	1.2	<2	0.67	<0.5	3	9	18	4.12	20
X858190		3.01	<0.005	<0.5	6.30	<5	130	1.0	<2	1.01	<0.5	3	9	8	4.67	20
X858191		2.66	<0.005	<0.5	7.22	7	140	1.1	<2	1.07	<0.5	6	8	1	4.79	20
X858192		3.09	<0.005	<0.5	6.22	<5	60	0.8	<2	1.19	<0.5	3	14	2	4.66	20
X858193		3.66	<0.005	<0.5	5.72	<5	90	0.8	<2	1.12	<0.5	1	13	1	3.78	10
X858194		3.30	0.032	<0.5	6.01	5	100	0.9	<2	1.41	<0.5	5	18	15	4.49	20
X858195		2.45	0.071	<0.5	5.43	252	70	0.9	<2	1.26	<0.5	3	17	8	3.09	20
X858196		2.80	<0.005	<0.5	5.44	<5	260	1.4	<2	1.51	<0.5	3	15	4	3.74	20
X858197		2.34	<0.005	<0.5	5.29	26	190	1.1	<2	1.24	<0.5	4	12	9	4.34	20
X858198		2.30	<0.005	<0.5	6.31	13	80	1.0	<2	2.34	0.6	3	10	9	4.30	20
X858199		2.76	<0.005	<0.5	6.01	34	130	1.3	<2	1.41	<0.5	2	17	11	4.27	20
X858200		0.50	<0.005	<0.5	7.00	<5	960	1.1	<2	2.37	<0.5	24	104	42	5.45	20
X858201		2.98	2.70	<0.5	5.33	23	190	1.1	<2	2.18	0.5	3	12	11	4.21	20
X858202		2.59	<0.005	<0.5	5.60	7	200	1.3	<2	1.79	<0.5	3	11	10	4.09	20
X858203		3.13	<0.005	<0.5	5.40	7	260	1.4	<2	1.19	<0.5	3	11	22	4.86	20
X858204		2.34	0.006	<0.5	5.39	8	250	1.4	<2	1.58	0.8	3	8	4	4.98	20
X858205		2.03	<0.005	<0.5	5.50	5	200	1.2	<2	1.56	<0.5	2	11	12	4.82	20
X858206		2.17	1.760	<0.5	5.47	1220	110	1.2	<2	1.17	<0.5	5	12	25	4.26	20
X858207		2.54	0.018	<0.5	6.64	270	80	1.1	<2	1.72	1.2	4	8	14	3.95	20
X858208		3.69	0.053	<0.5	5.30	5	140	1.3	<2	1.80	<0.5	4	11	6	4.55	20
X858209		3.54	0.103	<0.5	5.25	38	90	1.1	<2	1.49	<0.5	8	16	37	4.17	20
X858210		1.88	<0.005	<0.5	5.77	12	50	1.0	<2	5.01	0.9	3	7	3	6.09	20
X858211		2.23	<0.005	<0.5	5.76	6	110	1.1	<2	2.07	0.6	6	12	14	4.32	20
X858212		3.74	<0.005	<0.5	5.30	10	160	1.2	<2	1.80	<0.5	3	13	7	3.75	20
X858213		3.49	<0.005	<0.5	5.38	<5	250	1.3	<2	2.42	<0.5	3	10	6	5.12	20
X858214		3.25	0.075	<0.5	5.69	<5	180	1.4	<2	2.04	<0.5	4	12	13	4.91	20
X858215		2.94	0.981	<0.5	5.40	6	80	1.1	<2	2.04	<0.5	5	17	37	4.60	10

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CERTIFICAT D'ANALYSE VO18183969

Description échantillon	Méthode élément unités LDI	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
X858176		0.30	30	0.62	1040	1	4.69	5	250	7	0.01	<5	21	86	<20	0.24
X858177		0.35	20	0.89	2000	1	4.17	3	270	7	0.11	<5	27	131	<20	0.26
X858178		0.13	20	0.38	1135	1	3.40	<1	270	2	0.17	<5	16	80	<20	0.25
X858179		0.19	30	0.23	859	2	3.86	2	230	4	0.20	<5	13	82	<20	0.23
X858180		1.07	10	1.42	821	7	2.09	41	710	43	0.14	9	15	257	<20	0.35
X858181		0.48	30	0.25	838	1	3.23	2	200	2	0.01	<5	13	70	<20	0.19
X858182		0.59	20	0.23	759	1	2.89	<1	170	5	0.02	<5	12	76	<20	0.16
X858183		0.57	20	0.55	999	2	5.34	<1	350	<2	<0.01	<5	20	118	<20	0.37
X858184		0.29	20	0.48	1210	1	4.72	1	270	2	0.01	<5	17	101	<20	0.28
X858185		0.52	20	0.50	953	2	5.54	1	360	<2	0.01	<5	20	105	<20	0.37
X858186		0.35	20	0.50	1055	2	5.36	<1	270	<2	0.01	<5	17	103	<20	0.31
X858187		0.49	20	0.57	1080	2	5.66	2	350	<2	<0.01	<5	21	91	<20	0.36
X858188		0.32	20	0.31	812	1	4.49	2	290	<2	<0.01	<5	15	86	<20	0.27
X858189		0.50	20	0.31	699	2	3.31	1	240	2	0.11	<5	11	82	<20	0.21
X858190		0.37	20	0.38	890	1	3.68	1	240	<2	0.01	<5	13	88	<20	0.24
X858191		0.41	20	0.40	847	1	4.46	1	290	<2	<0.01	<5	17	82	<20	0.30
X858192		0.20	20	0.35	922	1	4.08	1	220	<2	0.02	5	14	83	<20	0.25
X858193		0.23	20	0.29	1125	1	3.86	2	240	2	<0.01	<5	12	84	<20	0.24
X858194		0.28	20	0.27	869	1	4.03	1	240	2	0.24	<5	14	86	<20	0.25
X858195		0.15	10	0.14	671	1	4.15	<1	130	2	0.17	<5	9	106	<20	0.20
X858196		0.70	20	0.31	824	1	3.21	2	210	3	0.04	<5	12	91	<20	0.22
X858197		0.47	20	0.23	952	1	3.16	1	190	<2	0.15	<5	12	100	<20	0.21
X858198		0.17	10	0.18	1210	2	5.27	<1	130	5	0.14	<5	10	141	<20	0.23
X858199		0.37	20	0.21	805	1	4.09	2	170	4	0.23	<5	12	116	<20	0.22
X858200		1.77	30	1.83	530	2	2.01	51	1070	10	0.09	<5	18	395	<20	0.58
X858201		0.54	20	0.17	860	1	3.12	1	150	6	0.29	<5	10	133	<20	0.18
X858202		0.49	20	0.19	929	1	3.13	<1	140	<2	0.11	<5	11	99	<20	0.16
X858203		0.58	20	0.20	817	1	2.83	1	210	3	0.32	<5	12	109	<20	0.22
X858204		0.59	20	0.17	735	1	2.68	<1	190	7	0.04	<5	11	116	<20	0.20
X858205		0.62	20	0.20	604	1	2.95	1	210	5	0.19	<5	12	96	<20	0.23
X858206		0.35	20	0.21	686	1	3.79	3	200	<2	0.39	<5	13	103	<20	0.24
X858207		0.22	40	0.19	847	1	5.15	<1	160	36	0.27	<5	12	130	<20	0.24
X858208		0.32	20	0.19	989	1	3.36	1	190	4	0.15	<5	12	107	<20	0.22
X858209		0.23	20	0.13	627	1	3.94	1	270	3	0.93	<5	11	123	<20	0.22
X858210		0.10	20	0.37	2000	1	4.76	<1	60	10	0.01	<5	13	173	<20	0.18
X858211		0.22	20	0.19	927	1	4.36	1	110	6	0.36	<5	11	156	<20	0.20
X858212		0.46	20	0.23	800	1	3.23	<1	170	4	0.11	<5	10	99	<20	0.21
X858213		0.76	20	0.15	974	1	2.49	1	240	2	0.13	<5	16	119	<20	0.24
X858214		0.52	20	0.15	779	1	3.16	<1	220	<2	0.38	<5	13	102	<20	0.23
X858215		0.19	20	0.13	684	<1	4.17	<1	240	5	1.19	<5	10	121	<20	0.20

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CERTIFICAT D'ANALYSE VO18183969

Description échantillon	Méthode élément unités LDI	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
X858176		<10	<10	4	<10	99
X858177		<10	<10	7	<10	146
X858178		<10	<10	3	<10	59
X858179		<10	<10	1	<10	42
X858180		<10	<10	133	40	275
X858181		<10	<10	1	<10	28
X858182		<10	<10	<1	<10	27
X858183		<10	<10	3	<10	76
X858184		<10	<10	2	<10	64
X858185		<10	<10	4	<10	71
X858186		<10	<10	3	<10	65
X858187		<10	<10	4	<10	72
X858188		10	<10	2	<10	34
X858189		<10	<10	2	<10	34
X858190		<10	<10	1	<10	43
X858191		<10	<10	2	<10	46
X858192		<10	<10	2	<10	47
X858193		<10	<10	1	<10	30
X858194		<10	<10	2	<10	39
X858195		<10	<10	1	<10	24
X858196		<10	<10	1	<10	32
X858197		<10	<10	1	<10	39
X858198		10	<10	1	<10	26
X858199		<10	<10	2	<10	37
X858200		<10	<10	157	<10	114
X858201		<10	<10	1	<10	38
X858202		<10	<10	1	<10	42
X858203		<10	<10	1	<10	46
X858204		<10	<10	1	<10	109
X858205		<10	<10	1	<10	49
X858206		10	<10	2	<10	34
X858207		<10	<10	1	<10	45
X858208		<10	<10	1	<10	44
X858209		10	<10	2	<10	24
X858210		<10	<10	1	<10	28
X858211		<10	<10	1	<10	27
X858212		<10	<10	1	<10	40
X858213		<10	<10	1	<10	50
X858214		<10	<10	1	<10	38
X858215		<10	<10	2	<10	16

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X858216		3.54	1.770	<0.5	5.61	9	130	1.2	<2	1.64	<0.5	4	16	25	4.73	20
X858217		3.36	0.054	<0.5	5.45	6	200	1.3	<2	2.45	<0.5	4	12	17	4.29	20
X858218		3.05	<0.005	<0.5	5.57	5	200	1.3	<2	2.08	<0.5	3	8	8	5.49	20
X858219		2.55	0.119	<0.5	5.73	<5	130	1.3	<2	2.04	<0.5	3	13	13	4.43	20
X858220		0.11	4.06	0.9	7.21	35	610	0.8	<2	2.54	0.9	21	64	150	5.29	20
X858221		3.29	0.152	<0.5	5.80	<5	180	1.3	<2	1.59	<0.5	5	13	20	4.81	20
X858222		2.83	0.363	<0.5	6.31	19	140	1.4	<2	1.22	0.5	6	12	26	4.67	20
X858223		3.29	<0.005	<0.5	5.69	<5	210	1.4	<2	1.97	<0.5	3	8	2	5.07	20
X858224		3.05	<0.005	<0.5	5.90	<5	170	1.1	<2	2.50	<0.5	4	6	1	6.45	20
X858225		2.98	0.108	<0.5	5.46	38	130	1.0	<2	2.33	<0.5	5	9	7	5.84	20

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X858216		0.36	20	0.15	687	1	3.85	<1	250	<2	0.77	<5	13	106	<20	0.25
X858217		0.67	20	0.20	806	<1	2.96	<1	230	3	0.27	<5	14	102	<20	0.23
X858218		0.44	20	0.20	974	1	2.76	<1	230	4	0.12	<5	15	94	<20	0.24
X858219		0.33	20	0.16	817	1	3.80	<1	210	5	0.35	<5	13	116	<20	0.24
X858220		1.13	10	1.55	868	8	2.24	41	770	44	0.14	5	17	279	<20	0.37
X858221		0.42	20	0.11	640	1	3.48	<1	240	<2	0.69	<5	13	109	<20	0.24
X858222		0.28	20	0.10	688	1	4.39	<1	240	4	0.84	<5	11	130	<20	0.25
X858223		0.50	20	0.16	1010	1	2.88	<1	210	3	0.06	<5	13	112	<20	0.23
X858224		0.45	10	0.13	1100	1	2.84	<1	400	<2	0.02	<5	20	108	<20	0.32
X858225		0.42	10	0.19	998	1	2.84	<1	350	4	0.14	<5	18	113	<20	0.29

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X858216		<10	<10	2	<10	35
X858217		<10	<10	1	<10	40
X858218		<10	<10	1	<10	51
X858219		<10	<10	2	<10	35
X858220		<10	<10	142	40	291
X858221		<10	<10	1	<10	36
X858222		<10	<10	1	<10	29
X858223		<10	<10	1	<10	52
X858224		<10	<10	1	<10	50
X858225		<10	<10	2	<10	48

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Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18183969

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 21
LOG- 23	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- AA23	ME- ICP61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 22-AOUT-2018
Compte: MIDEXP

CERTIFICAT VO18187578

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 144 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 2-AOUT-2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS-PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

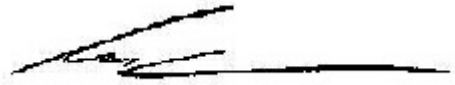
CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-23	Entrée pulpe - Reçu avec code barre
LOG-21	Entrée échantillon - Code barre client
CRU-32	Granulation 90 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-32	Pulvériser 1 000 g à 85 % < 75 um
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30 g fini FA-AA	AAS
ME-ICP61	33 éléments, quatre acides ICP-AES	ICP-AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18187578

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
X858290		2.92	<0.005	<0.5	5.97	5	70	1.2	<2	1.69	<0.5	5	38	3	3.82	20
X858291		3.36	<0.005	<0.5	5.76	<5	210	1.3	<2	2.35	<0.5	4	36	4	3.89	20
X858292		3.10	<0.005	<0.5	5.78	<5	90	1.1	<2	1.65	<0.5	4	24	2	5.11	20
X858293		2.31	<0.005	<0.5	5.83	<5	100	1.1	<2	2.04	<0.5	4	29	7	4.80	20
X858294		2.45	<0.005	<0.5	5.86	<5	200	1.4	<2	2.22	<0.5	4	50	9	2.73	20
X858295		2.44	<0.005	<0.5	5.99	<5	100	1.3	<2	1.48	<0.5	4	32	7	3.92	20
X858296		2.10	<0.005	<0.5	5.76	<5	170	1.6	<2	2.63	<0.5	3	43	3	3.32	20
X858297		2.27	<0.005	<0.5	5.82	<5	200	1.4	<2	2.14	<0.5	4	30	4	3.63	20
X858298		2.13	0.005	<0.5	6.06	<5	180	1.7	<2	1.58	<0.5	5	36	9	4.14	20
X858299		2.75	<0.005	<0.5	6.09	<5	110	1.1	<2	1.24	<0.5	5	35	4	5.27	20
X858300		0.10	3.98	0.6	7.19	32	600	0.8	<2	2.50	1.0	19	63	150	5.20	20
X858301		2.54	<0.005	<0.5	6.01	<5	180	1.1	<2	2.07	<0.5	3	53	3	5.21	20
X858302		1.73	<0.005	<0.5	5.84	<5	70	0.9	<2	1.75	<0.5	4	28	2	5.25	20
X858303		2.34	<0.005	<0.5	5.61	<5	160	1.2	<2	2.08	<0.5	3	44	6	3.97	20
X858304		1.81	<0.005	<0.5	5.85	5	150	1.2	<2	1.91	<0.5	3	33	3	4.50	20
X858305		1.62	<0.005	<0.5	5.99	<5	140	1.2	<2	2.37	<0.5	4	35	3	5.58	20
X858306		2.53	<0.005	<0.5	6.00	<5	140	1.3	<2	2.72	<0.5	4	34	5	5.60	20
X858307		2.74	<0.005	<0.5	5.90	<5	160	1.2	<2	2.14	<0.5	4	25	5	5.60	20
X858308		1.80	<0.005	<0.5	5.93	<5	240	1.2	<2	1.68	<0.5	4	26	13	5.45	20
X858309		3.12	<0.005	<0.5	6.02	<5	240	1.4	<2	2.61	<0.5	4	27	9	4.44	20
X858310		1.92	<0.005	<0.5	5.92	<5	150	1.1	<2	2.12	<0.5	4	32	4	5.71	20
X858311		1.82	0.005	<0.5	5.80	<5	120	1.2	<2	2.49	<0.5	3	28	2	5.71	20
X858312		1.38	<0.005	<0.5	5.96	<5	220	1.4	<2	1.75	<0.5	3	35	10	5.15	20
X858313		3.24	<0.005	<0.5	5.93	<5	130	1.2	<2	2.08	<0.5	3	27	2	5.17	20
X858314		1.61	0.005	<0.5	5.63	8	30	0.9	<2	2.99	<0.5	16	20	9	7.19	20
X858315		1.06	<0.005	<0.5	4.10	<5	20	0.7	<2	2.52	<0.5	8	64	2	5.82	20
X858316		1.01	<0.005	<0.5	3.60	<5	10	0.6	<2	1.76	<0.5	7	30	1	3.24	10
X858317		1.24	<0.005	<0.5	4.89	<5	30	0.7	<2	1.42	<0.5	15	29	34	7.42	20
X858318		0.69	<0.005	<0.5	0.97	<5	10	<0.5	2	0.63	<0.5	20	89	13	1.90	10
X858319		0.73	<0.005	<0.5	0.56	<5	10	<0.5	<2	1.42	<0.5	37	78	37	1.14	<10
X858320		0.40	0.017	<0.5	7.38	<5	950	1.4	<2	2.88	0.5	21	120	35	5.55	20
X858321		0.89	0.005	<0.5	0.45	<5	10	<0.5	<2	0.57	<0.5	13	106	14	1.18	<10
X858322		0.96	0.014	<0.5	1.16	66	10	<0.5	<2	3.23	<0.5	7	81	10	1.92	<10
X858323		0.92	0.009	<0.5	4.62	284	10	0.9	<2	3.13	<0.5	11	48	12	6.20	20
X858324		1.86	0.005	<0.5	5.32	6	10	1.1	<2	1.87	<0.5	12	43	4	6.79	20
X858325		1.78	0.011	<0.5	5.90	9	10	1.1	<2	1.62	<0.5	13	31	6	7.69	20
X858326		1.20	<0.005	<0.5	5.44	51	30	1.7	<2	2.05	<0.5	13	29	3	7.94	20
X858327		1.84	<0.005	<0.5	5.89	5	30	1.2	<2	2.40	0.5	13	26	8	7.89	20
X858328		1.55	<0.005	<0.5	6.08	<5	100	1.0	<2	2.37	<0.5	13	20	16	8.23	20
X858329		1.92	<0.005	<0.5	5.88	7	180	1.0	<2	2.44	0.5	17	22	3	8.89	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 22-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18187578

Description échantillon	Méthode élément unités LDI	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
X858290		0.27	10	0.30	839	5	3.89	<1	300	<2	0.03	<5	14	50	<20	0.27
X858291		0.63	10	0.36	890	5	3.16	1	260	<2	0.05	<5	15	52	<20	0.25
X858292		0.22	10	0.27	944	3	3.30	<1	280	4	0.06	<5	15	52	<20	0.27
X858293		0.30	10	0.31	1050	4	3.42	<1	300	<2	0.16	<5	17	53	<20	0.28
X858294		0.65	10	0.22	518	6	3.22	<1	140	<2	0.13	<5	13	37	<20	0.25
X858295		0.35	10	0.31	872	5	3.64	1	240	<2	0.10	<5	14	37	<20	0.25
X858296		0.56	10	0.31	666	5	2.48	2	180	<2	0.01	<5	12	47	<20	0.20
X858297		0.54	10	0.33	802	4	3.25	<1	270	5	0.06	<5	16	43	<20	0.27
X858298		0.50	10	0.36	768	4	3.43	1	310	5	0.09	<5	16	40	<20	0.27
X858299		0.28	10	0.32	759	4	3.38	1	310	<2	0.12	<5	16	35	<20	0.27
X858300		1.13	10	1.52	888	8	2.24	43	750	49	0.15	5	17	278	<20	0.38
X858301		0.53	10	0.31	992	5	3.03	1	300	2	0.11	<5	16	49	<20	0.28
X858302		0.18	10	0.27	979	4	3.33	<1	300	<2	0.05	<5	16	60	<20	0.26
X858303		0.44	10	0.27	827	4	3.23	<1	270	<2	0.12	<5	15	56	<20	0.24
X858304		0.43	10	0.36	790	4	3.16	<1	280	<2	0.06	<5	15	59	<20	0.26
X858305		0.57	10	0.27	1070	6	2.57	<1	360	<2	0.02	<5	18	118	<20	0.29
X858306		0.58	20	0.26	1135	5	2.45	<1	340	<2	0.09	<5	18	121	<20	0.30
X858307		0.69	10	0.28	1215	4	2.81	<1	330	<2	0.09	<5	17	84	<20	0.29
X858308		0.84	10	0.33	1060	4	2.82	1	330	<2	0.11	<5	17	74	<20	0.28
X858309		0.83	10	0.30	932	4	2.66	<1	340	<2	0.08	<5	18	79	<20	0.29
X858310		0.49	10	0.24	1125	5	2.81	<1	340	<2	0.05	<5	17	108	<20	0.28
X858311		0.43	10	0.19	1025	4	2.64	<1	330	2	0.02	<5	16	111	<20	0.28
X858312		0.68	10	0.29	970	4	2.78	<1	300	4	0.13	<5	13	127	<20	0.25
X858313		0.57	20	0.32	1065	4	2.71	<1	310	3	0.03	<5	16	99	<20	0.26
X858314		0.14	10	0.60	1280	3	2.50	<1	930	<2	0.06	<5	22	75	<20	0.59
X858315		0.05	<10	0.55	1260	6	1.71	1	470	<2	<0.01	<5	14	31	<20	0.36
X858316		0.04	<10	0.29	731	4	2.05	<1	690	2	<0.01	<5	12	26	<20	0.39
X858317		0.08	<10	0.58	1380	3	2.20	8	640	<2	0.37	<5	20	28	<20	0.53
X858318		0.04	<10	0.16	517	9	0.09	49	30	2	0.01	<5	6	16	<20	0.01
X858319		0.02	<10	0.09	341	9	0.16	93	40	4	0.01	<5	2	9	<20	0.02
X858320		1.39	20	1.87	724	7	2.05	55	960	14	0.08	5	18	406	<20	0.50
X858321		0.03	<10	0.07	264	16	0.13	33	40	<2	0.01	<5	2	7	<20	0.02
X858322		0.02	<10	0.14	580	12	0.51	13	180	<2	0.04	<5	4	21	<20	0.09
X858323		0.05	<10	0.50	1235	10	2.19	2	830	2	0.12	<5	15	41	<20	0.36
X858324		0.05	<10	0.61	1300	7	2.49	3	850	<2	0.03	<5	20	34	<20	0.57
X858325		0.05	10	0.77	1495	5	2.72	2	970	<2	0.05	<5	21	36	<20	0.58
X858326		0.20	<10	1.03	1620	5	2.16	1	950	<2	0.01	5	23	44	<20	0.58
X858327		0.18	<10	0.85	1670	5	2.62	1	970	<2	0.07	<5	25	48	<20	0.65
X858328		0.35	10	0.44	1525	4	2.84	1	920	<2	0.09	<5	24	136	<20	0.67
X858329		0.64	10	0.43	1825	5	2.48	1	920	<2	0.04	<5	23	155	<20	0.64

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Description échantillon	Méthode élément unités LDI	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858290		<10	<10	1	<10	37
X858291		<10	<10	1	<10	31
X858292		<10	<10	1	<10	38
X858293		<10	<10	<1	<10	37
X858294		<10	<10	1	<10	22
X858295		<10	<10	1	<10	30
X858296		<10	<10	<1	<10	26
X858297		<10	<10	1	<10	28
X858298		<10	<10	1	<10	32
X858299		<10	<10	1	<10	42
X858300		<10	<10	144	40	291
X858301		<10	<10	1	<10	40
X858302		<10	<10	1	<10	40
X858303		<10	<10	1	<10	32
X858304		<10	<10	1	<10	36
X858305		<10	<10	1	<10	41
X858306		<10	<10	1	<10	44
X858307		<10	<10	1	<10	44
X858308		<10	<10	1	<10	53
X858309		<10	<10	1	<10	51
X858310		<10	<10	1	<10	45
X858311		10	<10	<1	<10	39
X858312		<10	<10	1	<10	60
X858313		<10	<10	<1	<10	46
X858314		<10	<10	6	<10	44
X858315		<10	<10	7	<10	43
X858316		<10	<10	4	<10	23
X858317		<10	<10	6	<10	45
X858318		<10	<10	4	10	14
X858319		<10	<10	2	20	12
X858320		<10	<10	139	<10	99
X858321		<10	<10	2	10	7
X858322		<10	<10	2	<10	12
X858323		<10	<10	3	<10	41
X858324		<10	<10	5	<10	46
X858325		<10	<10	4	<10	53
X858326		<10	<10	8	<10	51
X858327		<10	<10	6	<10	36
X858328		<10	<10	4	<10	47
X858329		<10	<10	4	<10	51

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Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
X858330		2.10	<0.005	<0.5	6.07	5	190	1.0	<2	2.72	<0.5	15	16	2	9.14	20
X858331		1.19	<0.005	<0.5	5.52	5	100	1.0	<2	2.30	<0.5	12	24	6	7.78	20
X858332		1.38	<0.005	<0.5	6.41	18	20	0.9	<2	2.81	0.6	23	130	1	8.79	20
X858333		1.62	<0.005	<0.5	4.42	5	10	0.8	<2	2.47	<0.5	11	58	1	5.66	10
X858334		1.33	0.010	<0.5	6.22	<5	20	1.0	<2	1.86	<0.5	13	24	11	8.49	20
X858335		2.13	<0.005	<0.5	6.24	<5	50	1.1	<2	1.80	<0.5	13	22	25	8.73	20
X858336		1.83	<0.005	<0.5	4.85	5	20	0.8	<2	3.30	<0.5	10	47	5	6.37	20
X858337		2.10	<0.005	<0.5	6.27	<5	50	1.1	<2	1.51	0.6	17	22	42	9.35	20
X858338		1.27	<0.005	<0.5	3.82	13	10	0.6	<2	1.59	<0.5	9	60	10	5.21	10
X858339		1.15	<0.005	<0.5	4.31	58	30	0.8	<2	1.45	<0.5	12	44	28	6.45	20
X858340		0.11	4.08	0.6	6.81	33	600	0.8	<2	2.45	1.2	20	61	144	5.16	20
X858341		1.61	<0.005	<0.5	5.81	<5	30	0.9	<2	2.11	<0.5	15	27	43	7.69	20
X858342		1.58	<0.005	<0.5	6.01	<5	70	1.0	<2	2.78	0.7	14	25	21	8.82	20
X858343		2.39	<0.005	<0.5	5.88	<5	80	1.0	<2	2.59	<0.5	12	17	1	8.05	20
X858344		2.62	<0.005	<0.5	5.18	7	10	1.0	2	1.49	<0.5	12	17	12	6.86	20
X858345		1.77	<0.005	<0.5	5.52	7	20	4.4	<2	2.18	0.5	11	23	3	7.16	20
X858346		1.62	0.006	<0.5	5.56	52	50	1.1	<2	1.91	<0.5	9	25	9	5.81	20
X858347		1.32	<0.005	<0.5	4.31	27	40	1.4	<2	2.60	<0.5	6	19	1	4.48	10
X858348		1.16	<0.005	<0.5	5.33	14	20	0.9	<2	2.26	0.5	12	30	3	6.88	20
X858349		1.29	0.096	<0.5	5.59	11	20	0.9	2	2.13	<0.5	12	21	12	7.26	20
X858350		1.65	<0.005	<0.5	4.99	7	10	0.7	<2	2.72	<0.5	14	14	<1	8.74	20
X858351		1.48	0.016	<0.5	6.55	5	20	1.1	<2	2.26	<0.5	17	12	38	9.56	20
X858352		1.63	0.009	<0.5	5.17	39	20	0.9	<2	3.15	<0.5	12	16	18	6.71	20
X858353		1.46	0.009	<0.5	6.26	<5	30	1.2	<2	1.10	<0.5	15	12	46	9.29	20
X858354		1.95	<0.005	<0.5	5.65	6	40	1.1	<2	2.50	<0.5	13	14	39	8.43	20
X858355		2.65	0.008	<0.5	6.13	8	60	1.1	<2	1.91	<0.5	13	11	36	8.45	20
X858356		2.59	<0.005	<0.5	5.87	17	30	1.0	<2	2.92	<0.5	12	13	59	7.47	20
X858357		2.43	<0.005	<0.5	5.00	19	30	1.1	3	3.56	<0.5	9	15	40	6.10	20
X858358		2.33	<0.005	<0.5	6.06	6	50	1.7	<2	3.84	<0.5	7	14	5	6.79	20
X858359		1.10	0.030	<0.5	5.84	<5	60	1.8	<2	4.23	<0.5	8	13	4	7.13	20
X858360		0.39	<0.005	<0.5	7.40	<5	1310	0.9	2	2.34	<0.5	24	136	30	6.90	20
X858361		1.73	0.017	<0.5	6.08	<5	100	1.7	2	1.75	<0.5	16	14	38	9.95	20
X858362		3.50	0.009	<0.5	6.08	5	130	1.7	3	2.30	<0.5	15	12	35	9.79	20
X858363		2.22	<0.005	<0.5	6.32	6	130	1.5	<2	1.51	<0.5	12	11	26	10.35	20
X858364		3.49	<0.005	<0.5	5.70	<5	10	<0.5	3	5.74	0.7	66	5	83	14.30	20
X858365		2.78	<0.005	<0.5	5.66	8	10	<0.5	<2	5.84	0.6	68	4	86	12.90	20
X858366		2.79	<0.005	<0.5	5.74	7	10	<0.5	2	6.09	0.5	68	3	50	12.95	20
X858367		1.70	<0.005	<0.5	6.22	10	10	<0.5	2	4.57	0.5	71	4	73	13.70	20
X858368		2.75	<0.005	<0.5	5.83	11	10	<0.5	5	5.57	0.7	65	3	88	12.45	20
X858369		2.18	<0.005	<0.5	5.97	14	10	<0.5	3	4.77	0.5	73	4	121	12.70	20

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 22-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18187578

Description échantillon	Méthode élément unités LDI	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
X858330		0.65	10	0.46	1915	3	2.48	<1	1000	2	0.04	<5	25	154	<20	0.69
X858331		0.36	10	0.58	1555	5	2.51	2	870	<2	0.07	<5	24	87	<20	0.67
X858332		0.15	<10	1.88	1885	3	2.34	40	790	<2	0.01	<5	30	39	<20	0.60
X858333		0.04	<10	0.73	1230	6	1.97	7	760	<2	0.01	<5	17	32	<20	0.41
X858334		0.08	<10	0.74	1600	4	2.87	2	1040	3	0.14	<5	27	42	<20	0.72
X858335		0.16	<10	0.62	1545	4	3.05	1	1050	5	0.33	<5	24	52	<20	0.67
X858336		0.07	<10	0.53	1310	7	2.36	2	730	<2	0.07	<5	18	39	<20	0.59
X858337		0.18	<10	0.61	1620	4	3.06	<1	1000	2	0.56	<5	29	50	<20	0.80
X858338		0.04	<10	0.41	965	11	1.82	3	580	<2	0.11	<5	14	26	<20	0.39
X858339		0.11	<10	0.45	1155	8	2.08	3	740	<2	0.32	<5	17	32	<20	0.49
X858340		1.09	10	1.49	856	8	2.18	41	750	47	0.14	11	16	269	<20	0.37
X858341		0.08	<10	0.55	1300	6	3.00	1	920	2	0.50	<5	25	44	<20	0.73
X858342		0.30	<10	0.68	1660	6	2.52	<1	920	<2	0.25	<5	27	68	<20	0.68
X858343		0.35	<10	0.67	1575	4	2.30	<1	1000	<2	0.01	<5	21	75	<20	0.56
X858344		0.05	<10	0.70	1410	4	2.39	2	890	2	0.09	<5	20	40	<20	0.58
X858345		0.10	20	0.80	1440	5	2.45	1	2220	<2	0.02	<5	22	77	<20	0.60
X858346		0.42	<10	0.78	1150	6	2.90	1	980	3	0.04	<5	19	43	<20	0.43
X858347		0.30	10	0.51	1090	4	2.39	2	1390	<2	0.01	<5	19	53	<20	0.53
X858348		0.07	<10	0.74	1485	7	2.54	2	980	<2	0.02	<5	21	43	<20	0.55
X858349		0.06	<10	0.67	1565	5	2.73	<1	920	<2	0.09	<5	21	41	<20	0.65
X858350		0.03	<10	0.86	1825	3	1.68	2	500	<2	<0.01	<5	16	41	<20	0.44
X858351		0.07	<10	0.83	1845	2	2.96	<1	840	3	0.41	<5	29	47	<20	0.69
X858352		0.06	<10	0.56	1500	4	2.48	2	770	<2	0.19	<5	21	48	<20	0.51
X858353		0.12	10	0.56	1500	3	2.94	<1	1090	<2	0.76	<5	25	59	<20	0.55
X858354		0.12	<10	0.46	1520	3	2.67	<1	1010	<2	0.64	<5	24	73	<20	0.53
X858355		0.21	10	0.45	1785	3	3.07	5	1010	6	0.47	<5	29	75	<20	0.68
X858356		0.08	10	0.46	1455	2	3.15	1	970	<2	0.67	<5	25	61	<20	0.63
X858357		0.09	10	0.34	1250	3	2.70	1	1000	<2	0.53	<5	19	71	<20	0.44
X858358		0.22	10	0.53	1665	3	2.47	<1	1120	<2	0.06	<5	29	155	<20	0.78
X858359		0.23	10	0.53	1675	2	2.40	1	1160	<2	0.03	<5	26	152	<20	0.69
X858360		2.02	30	2.17	781	7	1.93	58	1090	11	0.07	<5	23	421	<20	0.62
X858361		0.32	10	0.59	1755	2	2.80	1	1070	<2	0.68	<5	27	92	<20	0.66
X858362		0.51	10	0.54	1905	2	2.93	1	1070	<2	0.69	<5	27	99	<20	0.70
X858363		0.47	10	0.64	1905	3	2.89	<1	1130	<2	0.31	<5	29	81	<20	0.76
X858364		0.01	<10	3.91	1815	<1	0.48	49	140	<2	0.16	<5	49	76	<20	0.94
X858365		0.01	<10	3.71	1805	1	0.44	44	150	<2	0.26	<5	49	73	<20	0.80
X858366		<0.01	<10	3.87	1760	<1	0.34	39	170	2	0.26	<5	51	69	<20	0.79
X858367		0.01	<10	3.81	1665	<1	0.67	48	180	<2	0.27	<5	53	49	<20	0.90
X858368		0.01	<10	3.36	1990	1	1.29	39	150	<2	0.29	<5	51	57	<20	0.83
X858369		0.01	<10	3.07	2020	<1	1.77	42	150	<2	0.33	<5	52	49	<20	0.87

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 22-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18187578

Description échantillon	Méthode élément unités LDI	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858330		<10	<10	5	<10	46
X858331		<10	<10	5	<10	42
X858332		<10	<10	87	<10	57
X858333		<10	<10	15	<10	30
X858334		<10	<10	5	<10	39
X858335		<10	<10	4	<10	44
X858336		10	<10	6	<10	42
X858337		<10	<10	5	<10	49
X858338		<10	<10	4	<10	33
X858339		<10	<10	4	<10	36
X858340		<10	<10	139	40	288
X858341		<10	<10	7	<10	43
X858342		<10	<10	6	<10	42
X858343		<10	<10	3	<10	36
X858344		<10	<10	4	<10	47
X858345		<10	<10	4	<10	44
X858346		<10	<10	1	<10	35
X858347		<10	<10	6	<10	34
X858348		<10	<10	5	<10	48
X858349		<10	<10	9	<10	49
X858350		<10	<10	16	<10	62
X858351		<10	<10	42	<10	61
X858352		<10	<10	12	<10	45
X858353		<10	<10	6	<10	51
X858354		<10	<10	5	<10	46
X858355		<10	<10	8	<10	49
X858356		<10	<10	7	<10	41
X858357		10	<10	3	<10	33
X858358		<10	<10	2	<10	34
X858359		<10	<10	2	<10	39
X858360		<10	<10	176	<10	136
X858361		<10	<10	3	<10	56
X858362		<10	<10	2	<10	58
X858363		<10	<10	3	<10	58
X858364		<10	<10	1120	<10	125
X858365		<10	<10	958	<10	126
X858366		<10	<10	958	<10	129
X858367		<10	<10	1090	<10	129
X858368		<10	<10	958	<10	100
X858369		<10	<10	1035	<10	88

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À: **EXPLORATION MIDLAND INC**
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 22-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18187578

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
X858370		3.01	<0.005	<0.5	5.61	16	10	<0.5	2	4.88	0.5	65	3	87	12.10	20
X858371		2.18	0.065	<0.5	5.22	62	110	<0.5	4	5.49	0.7	68	9	153	11.95	10
X858372		2.37	0.006	<0.5	5.33	83	130	<0.5	4	5.91	0.5	71	3	114	12.00	20
X858373		2.07	<0.005	<0.5	5.29	72	80	<0.5	<2	6.04	0.6	66	4	125	11.65	20
X858374		2.56	<0.005	<0.5	5.53	36	10	<0.5	<2	5.80	0.6	70	4	117	12.25	20
X858375		2.57	<0.005	<0.5	5.85	17	10	<0.5	6	5.97	0.6	67	4	63	12.30	10
X858376		2.71	0.007	<0.5	5.61	<5	10	<0.5	5	6.44	0.5	68	3	86	11.90	20
X858377		3.75	<0.005	<0.5	5.85	7	10	<0.5	3	5.84	0.5	75	4	105	12.80	20
X858378		2.27	<0.005	<0.5	5.22	54	90	<0.5	2	5.61	0.6	58	3	66	11.10	10
X858379		1.96	<0.005	<0.5	5.08	53	100	<0.5	<2	5.49	<0.5	55	7	68	10.90	10
X858380		0.11	3.88	0.7	6.68	35	570	0.8	3	2.39	0.8	18	62	143	5.08	10
X858381		1.89	<0.005	<0.5	5.33	59	30	<0.5	2	5.68	<0.5	61	4	48	11.65	20
X858382		2.63	<0.005	<0.5	5.35	51	40	<0.5	2	5.59	<0.5	58	6	55	11.25	20
X858383		1.85	<0.005	<0.5	5.05	59	110	<0.5	<2	5.07	0.6	54	6	93	10.80	10
X858384		1.36	<0.005	<0.5	5.21	31	50	<0.5	3	5.73	0.6	58	8	60	11.05	10
X858385		2.92	<0.005	<0.5	5.55	16	20	<0.5	<2	5.68	<0.5	64	10	74	10.85	20
X858386		1.83	<0.005	<0.5	5.67	9	10	<0.5	<2	5.29	<0.5	61	6	81	11.10	20
X858387		1.23	<0.005	<0.5	5.80	8	10	<0.5	2	5.10	<0.5	62	9	83	11.40	20
X858388		2.07	<0.005	<0.5	5.74	6	10	<0.5	3	5.18	0.5	70	5	92	11.95	20
X858389		2.01	<0.005	<0.5	5.81	<5	10	<0.5	3	4.96	0.6	64	9	125	12.15	20
X858390		2.36	<0.005	<0.5	5.78	5	10	<0.5	6	5.46	<0.5	70	7	111	12.50	20
X858391		2.30	<0.005	<0.5	5.38	6	10	<0.5	2	5.51	<0.5	60	5	80	11.55	10
X858392		2.30	<0.005	<0.5	5.53	9	40	<0.5	4	5.72	0.5	56	7	68	11.55	10
X858393		2.28	<0.005	<0.5	5.56	16	60	<0.5	2	5.54	<0.5	62	9	87	11.35	20
X858394		1.65	0.012	<0.5	4.74	39	130	<0.5	<2	5.32	<0.5	49	24	77	9.23	10
X858395		2.43	<0.005	<0.5	5.68	28	30	<0.5	2	5.66	<0.5	63	3	75	11.90	10
X858396		2.36	<0.005	<0.5	5.62	18	10	<0.5	3	5.95	<0.5	65	3	70	11.80	10
X858397		2.36	<0.005	<0.5	5.57	5	10	<0.5	5	5.09	<0.5	60	3	55	11.45	20
X858398		2.18	<0.005	<0.5	5.58	17	10	<0.5	6	5.30	0.5	65	3	85	12.05	20
X858399		1.43	<0.005	<0.5	5.24	39	20	<0.5	3	6.12	0.6	67	4	103	11.35	10
X858400		0.47	0.008	<0.5	7.72	5	960	1.3	2	3.37	<0.5	32	152	127	7.04	20
X858401		1.61	<0.005	<0.5	5.61	22	10	<0.5	4	5.88	<0.5	65	4	92	12.30	10
X858402		1.51	<0.005	<0.5	5.49	27	40	<0.5	<2	5.69	<0.5	62	4	86	11.95	20
X858403		2.79	<0.005	<0.5	5.39	29	80	<0.5	<2	5.62	<0.5	63	4	113	12.20	20
X858404		2.29	<0.005	<0.5	5.37	47	100	<0.5	5	5.81	<0.5	71	3	122	12.55	10
X858405		2.08	<0.005	<0.5	5.59	56	120	<0.5	<2	5.89	0.5	71	5	104	12.35	10
X858406		1.87	0.006	<0.5	5.63	79	130	<0.5	<2	5.71	0.7	73	5	111	12.15	20
X858407		2.36	0.050	<0.5	5.25	72	110	<0.5	<2	5.42	0.7	68	8	207	11.55	20
X858408		2.97	<0.005	<0.5	5.36	52	60	<0.5	3	5.71	<0.5	67	6	105	11.80	10
X858409		3.50	<0.005	<0.5	5.16	44	70	<0.5	<2	5.81	<0.5	61	9	84	11.20	10

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CERTIFICAT D'ANALYSE VO18187578

Description échantillon	Méthode élément unités LDI	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
X858370		0.01	<10	3.23	1880	<1	1.73	34	150	<2	0.27	<5	50	54	<20	0.76
X858371		0.48	<10	2.82	1520	1	0.94	36	130	<2	0.35	<5	47	56	<20	0.81
X858372		0.55	<10	2.86	1475	<1	1.40	37	130	<2	0.35	<5	48	69	<20	0.84
X858373		0.33	<10	2.79	1475	<1	1.87	38	120	3	0.33	<5	46	73	<20	0.81
X858374		0.01	<10	2.93	1585	1	1.68	38	130	<2	0.35	<5	49	64	<20	0.87
X858375		0.01	<10	3.24	1620	<1	1.18	38	160	<2	0.30	<5	50	73	<20	0.88
X858376		0.02	<10	3.33	1660	<1	0.88	34	160	<2	0.25	<5	50	63	<20	0.76
X858377		0.02	<10	3.35	1540	<1	1.22	39	150	<2	0.33	<5	51	41	<20	0.88
X858378		0.83	<10	2.79	1535	1	1.50	9	170	<2	0.16	<5	46	82	<20	0.44
X858379		1.02	<10	2.62	1545	1	1.24	8	160	2	0.22	<5	44	79	<20	0.48
X858380		1.04	10	1.43	838	7	2.11	42	740	43	0.14	5	16	264	<20	0.35
X858381		0.27	<10	2.78	1585	1	2.10	8	180	<2	0.14	<5	47	91	<20	0.57
X858382		0.46	<10	2.68	1495	1	1.88	8	180	<2	0.12	<5	46	85	<20	0.59
X858383		1.26	<10	2.69	1480	1	0.67	9	170	<2	0.14	<5	45	76	<20	0.37
X858384		0.55	<10	2.78	1540	1	0.56	11	180	<2	0.19	<5	46	99	<20	0.50
X858385		0.21	<10	2.64	1475	1	1.37	10	160	2	0.22	<5	46	94	<20	0.69
X858386		0.03	<10	2.60	1535	1	2.06	13	170	3	0.24	<5	48	82	<20	0.64
X858387		0.01	<10	2.66	1500	2	2.21	12	160	<2	0.23	<5	48	74	<20	0.53
X858388		<0.01	<10	2.75	1540	1	2.00	12	170	<2	0.26	<5	49	78	<20	0.49
X858389		0.01	10	2.55	1605	2	2.06	12	150	2	0.26	<5	48	75	<20	0.54
X858390		0.01	10	2.54	1610	1	2.04	12	190	<2	0.27	<5	51	72	<20	0.66
X858391		0.06	<10	2.66	1530	1	1.69	11	160	<2	0.22	<5	47	78	<20	0.59
X858392		0.40	<10	2.67	1510	1	0.57	12	170	3	0.23	<5	48	97	<20	0.63
X858393		0.53	10	2.60	1455	1	0.52	12	170	<2	0.33	<5	47	92	<20	0.57
X858394		0.88	<10	2.29	1370	3	0.54	9	140	2	0.20	<5	41	71	<20	0.49
X858395		0.17	<10	2.80	1650	<1	1.83	11	180	<2	0.25	<5	50	70	<20	0.50
X858396		0.01	<10	2.81	1865	<1	2.23	11	160	<2	0.23	6	49	80	<20	0.55
X858397		0.01	<10	2.83	1645	<1	1.55	10	170	<2	0.20	<5	47	76	<20	0.54
X858398		0.01	<10	3.07	1710	1	1.71	33	160	<2	0.23	<5	49	76	<20	0.76
X858399		0.13	<10	2.84	1710	1	2.11	28	130	3	0.24	<5	46	71	<20	0.75
X858400		1.62	30	2.62	800	2	2.16	94	1130	10	0.17	<5	27	567	<20	0.64
X858401		0.07	<10	3.18	1585	<1	2.09	32	150	<2	0.23	<5	49	70	<20	0.83
X858402		0.26	<10	2.95	1595	1	1.80	31	140	<2	0.16	<5	49	61	<20	0.78
X858403		0.40	<10	2.83	1475	1	1.55	32	130	<2	0.25	<5	46	69	<20	0.86
X858404		0.67	<10	2.88	1570	<1	1.02	34	130	<2	0.27	<5	48	65	<20	0.91
X858405		0.79	<10	2.89	1665	<1	1.01	33	130	<2	0.35	<5	49	67	<20	0.78
X858406		1.09	<10	2.82	1585	<1	0.33	35	140	20	0.52	<5	49	64	<20	0.66
X858407		0.83	<10	2.64	1495	1	0.61	33	130	<2	0.56	<5	47	65	<20	0.54
X858408		0.39	10	2.88	1650	1	1.29	34	140	<2	0.29	<5	48	67	<20	0.52
X858409		0.50	<10	2.79	1475	2	1.14	33	130	<2	0.29	<5	46	56	<20	0.58

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 22-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18187578

Description échantillon	Méthode élément unités LDI	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858370		<10	<10	867	<10	86
X858371		<10	<10	951	<10	80
X858372		<10	<10	991	<10	69
X858373		<10	<10	966	<10	68
X858374		<10	<10	1030	<10	96
X858375		<10	<10	933	<10	109
X858376		<10	<10	835	<10	104
X858377		<10	<10	992	<10	106
X858378		<10	<10	599	<10	78
X858379		<10	<10	627	<10	76
X858380		<10	<10	139	40	277
X858381		<10	<10	709	<10	100
X858382		<10	<10	640	<10	102
X858383		<10	<10	574	<10	81
X858384		<10	<10	622	<10	90
X858385		<10	<10	687	<10	98
X858386		<10	<10	720	<10	114
X858387		<10	<10	713	<10	135
X858388		<10	<10	756	<10	143
X858389		<10	<10	874	<10	141
X858390		<10	<10	890	<10	117
X858391		<10	<10	749	<10	106
X858392		<10	<10	721	<10	98
X858393		<10	<10	732	<10	93
X858394		<10	<10	634	10	66
X858395		<10	<10	737	<10	89
X858396		<10	<10	740	<10	88
X858397		<10	<10	674	<10	110
X858398		<10	<10	851	<10	110
X858399		<10	<10	823	<10	92
X858400		<10	<10	209	<10	125
X858401		<10	<10	895	<10	110
X858402		<10	<10	877	<10	105
X858403		<10	<10	1010	<10	105
X858404		<10	<10	1055	<10	107
X858405		10	<10	989	<10	103
X858406		10	<10	941	<10	130
X858407		10	<10	876	<10	94
X858408		<10	<10	874	<10	92
X858409		<10	<10	852	<10	84

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 22-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18187578

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
X858410		2.35	0.401	<0.5	6.37	17	30	<0.5	4	2.38	<0.5	40	9	58	12.55	20
X858411		1.97	0.041	<0.5	7.34	12	30	<0.5	3	2.42	<0.5	42	4	49	13.45	20
X858412		2.26	0.165	<0.5	5.97	<5	40	0.5	2	3.40	<0.5	19	8	369	9.91	20
X858413		1.82	0.071	<0.5	7.69	<5	100	0.7	2	2.65	<0.5	22	8	558	10.50	20
X858414		2.55	0.723	<0.5	6.46	<5	140	0.7	<2	4.10	<0.5	22	12	644	7.30	10
X858415		2.32	2.02	<0.5	5.63	<5	140	0.6	5	2.41	<0.5	33	12	420	8.99	20
X858416		2.23	2.61	<0.5	5.74	<5	140	0.6	<2	1.86	<0.5	32	13	501	8.98	10
X858417		2.32	0.577	<0.5	6.12	5	100	0.6	2	1.81	<0.5	21	16	1100	6.36	10
X858418		2.27	0.005	<0.5	5.93	<5	70	0.5	<2	2.91	<0.5	11	17	257	4.57	10
X858419		2.68	0.013	<0.5	5.51	<5	60	0.5	<2	5.73	<0.5	4	18	57	2.94	10
X858420		0.11	3.90	1.1	6.88	33	590	0.8	<2	2.46	0.9	18	64	147	5.23	20
X858421		1.55	0.017	<0.5	6.82	<5	50	0.6	<2	1.90	<0.5	7	14	229	5.89	10
X858422		1.19	0.005	<0.5	6.36	<5	60	0.7	<2	0.25	<0.5	9	14	223	5.58	10
X858423		1.86	0.058	<0.5	6.13	<5	80	0.6	<2	1.22	<0.5	19	16	375	7.54	10
X858424		2.42	0.009	<0.5	5.82	<5	90	0.6	<2	2.59	<0.5	13	13	381	6.20	10
X858425		1.56	0.026	<0.5	5.44	<5	90	0.5	2	0.59	<0.5	4	17	94	4.07	10
X858426		1.30	<0.005	<0.5	0.89	<5	<10	<0.5	<2	0.58	<0.5	3	41	78	2.27	10
X858427		1.95	<0.005	<0.5	4.60	<5	20	<0.5	<2	1.00	<0.5	6	32	25	7.14	20
X858428		1.91	<0.005	<0.5	4.98	<5	<10	<0.5	<2	0.79	<0.5	10	59	5	9.23	20
X858429		1.94	<0.005	<0.5	6.10	<5	100	<0.5	<2	1.39	<0.5	11	23	3	6.48	20
X858430		2.01	<0.005	<0.5	5.68	<5	120	0.6	3	2.19	0.7	9	12	30	3.83	20
X858431		2.01	0.056	<0.5	5.50	<5	90	0.5	<2	2.15	<0.5	7	14	51	2.37	10
X858432		1.92	<0.005	<0.5	5.48	<5	90	0.6	<2	1.88	<0.5	5	15	30	2.66	10
X858433		1.71	<0.005	<0.5	5.96	<5	90	0.7	<2	2.15	<0.5	2	21	21	2.89	20

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À: **EXPLORATION MIDLAND INC**
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Finalisée date: 22-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18187578

Description échantillon	Méthode élément unités LDI	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
X858410		0.03	10	1.76	1895	1	1.60	2	410	<2	0.13	<5	47	46	<20	1.21
X858411		0.03	10	2.33	2010	1	1.90	1	500	<2	0.06	<5	53	46	<20	1.30
X858412		0.05	10	1.14	1555	2	2.76	<1	1050	2	0.63	<5	37	62	<20	0.92
X858413		0.11	10	1.01	1370	2	4.25	1	1620	3	1.59	<5	37	79	<20	0.89
X858414		0.18	10	0.42	1055	2	4.10	<1	1180	2	1.64	<5	20	98	<20	0.51
X858415		0.18	10	0.38	726	1	3.51	<1	1150	6	3.30	<5	20	68	<20	0.46
X858416		0.17	10	0.36	668	2	3.67	<1	1030	3	3.33	<5	20	63	<20	0.46
X858417		0.14	10	0.31	604	3	4.16	1	810	<2	1.86	<5	18	61	<20	0.46
X858418		0.09	10	0.41	714	3	3.96	1	780	<2	0.94	<5	17	64	<20	0.43
X858419		0.09	10	0.42	999	3	3.67	<1	680	<2	0.08	<5	14	80	<20	0.33
X858420		1.08	10	1.47	866	7	2.15	43	760	45	0.14	8	16	271	<20	0.36
X858421		0.07	10	0.46	764	3	4.59	<1	910	<2	0.11	<5	16	68	<20	0.43
X858422		0.09	<10	0.24	406	3	4.56	<1	750	3	0.77	<5	11	59	<20	0.38
X858423		0.10	10	0.44	603	2	3.98	<1	710	5	2.77	<5	17	61	<20	0.40
X858424		0.12	10	0.48	711	2	3.64	<1	810	2	1.71	<5	18	72	<20	0.37
X858425		0.12	10	0.33	414	2	3.64	1	530	2	0.11	<5	10	48	<20	0.32
X858426		0.01	<10	0.36	249	5	0.12	2	10	<2	0.14	<5	7	3	<20	0.02
X858427		0.05	10	1.90	819	4	1.24	6	340	7	0.17	<5	20	19	<20	0.16
X858428		0.02	30	4.93	1080	1	0.03	25	850	<2	<0.01	<5	8	6	<20	0.34
X858429		0.13	10	3.28	960	2	1.82	8	940	11	0.01	<5	16	39	<20	0.43
X858430		0.15	10	1.34	649	2	2.97	2	710	33	0.12	<5	15	72	<20	0.35
X858431		0.12	10	0.33	443	2	3.84	<1	350	5	0.28	<5	12	47	<20	0.27
X858432		0.12	10	0.36	467	2	3.58	<1	340	<2	0.18	<5	9	61	<20	0.23
X858433		0.16	20	0.40	548	4	3.90	1	250	2	0.13	<5	9	56	<20	0.21

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Finalisée date: 22-AOUT-2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18187578

Description échantillon	Méthode élément unités LDI	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
X858410		<10	<10	153	<10	80
X858411		<10	<10	155	<10	97
X858412		<10	<10	40	<10	56
X858413		10	<10	36	<10	47
X858414		<10	<10	12	<10	20
X858415		<10	<10	9	<10	17
X858416		<10	<10	9	<10	17
X858417		<10	<10	8	<10	19
X858418		<10	<10	12	<10	18
X858419		<10	<10	13	<10	17
X858420		<10	<10	143	40	288
X858421		<10	<10	14	<10	19
X858422		<10	<10	10	<10	9
X858423		<10	<10	12	<10	24
X858424		<10	<10	11	<10	21
X858425		<10	<10	7	<10	15
X858426		<10	<10	9	<10	17
X858427		<10	<10	32	<10	66
X858428		<10	<10	52	<10	111
X858429		<10	<10	30	<10	79
X858430		<10	<10	8	<10	52
X858431		<10	<10	3	<10	16
X858432		<10	<10	7	<10	19
X858433		<10	<10	7	<10	22

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CERTIFICAT D'ANALYSE VO18187578

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-AA23	ME-ICP61

Traité à ALS Rouyn-Noranda

Applique à la Méthode:	CRU-32	CRU-QC	LOG-21	LOG-23
	PUL-32	PUL-QC	SPL-21	WEI-21

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Finalisée date:
17- AOUT- 2018
Compte: MIDEXP

CERTIFICAT VO18188939

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 206 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 3- AOUT- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21	Entrée échantillon - Code barre client
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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17- AOUT- 2018
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
X858434		2.05	<0.005		<0.5	6.88	<5	50	1.1	<2	1.02	<0.5	12	8	16	8.08
X858435		1.95	<0.005		<0.5	6.40	<5	30	1.1	<2	0.87	<0.5	7	6	24	7.19
X858436		1.67	0.161		<0.5	7.05	<5	50	1.3	<2	1.12	<0.5	7	7	8	6.95
X858437		1.88	0.094		<0.5	6.67	<5	30	1.1	<2	1.16	<0.5	8	7	24	6.33
X858438		1.74	0.006		<0.5	6.31	<5	130	1.2	<2	2.17	<0.5	6	7	21	5.50
X858439		2.34	0.549		<0.5	6.31	<5	120	1.1	<2	2.51	<0.5	5	9	51	5.39
X858440		0.43	<0.005		<0.5	8.11	<5	1220	1.1	<2	2.56	<0.5	25	105	32	6.69
X858441		2.94	0.844		<0.5	6.47	<5	120	1.1	<2	2.91	<0.5	8	8	104	6.13
X858442		2.52	0.057		<0.5	5.85	5	110	0.9	<2	2.78	<0.5	6	9	12	5.30
X858443		2.45	0.077		<0.5	5.91	<5	40	1.0	<2	0.92	<0.5	4	14	33	3.86
X858444		2.63	1.010		<0.5	7.14	<5	110	1.3	<2	0.62	<0.5	8	6	169	6.64
X858445		2.58	1.305		<0.5	7.67	<5	60	1.3	<2	0.53	<0.5	7	5	69	6.97
X858446		3.31	0.016		<0.5	6.51	<5	20	1.1	<2	0.65	<0.5	7	8	28	5.16
S411051		1.02	<0.005		<0.5	6.88	<5	70	1.2	<2	3.14	1.1	2	5	1	5.34
S411052		0.71	0.047		<0.5	4.75	13	110	1.0	<2	1.64	0.7	4	26	12	4.94
S411053		1.00	0.089		<0.5	4.97	57	70	0.9	<2	1.48	<0.5	3	24	22	3.42
S411054		0.89	<0.005		<0.5	6.75	<5	80	1.2	<2	1.99	0.5	3	12	4	3.48
S411055		1.10	0.040		<0.5	6.15	67	210	1.2	<2	0.53	<0.5	4	15	27	4.02
S411056		0.95	0.020		<0.5	5.77	<5	90	1.0	<2	1.45	<0.5	3	11	9	5.01
S411057		0.90	1.040		<0.5	5.56	19	350	1.3	<2	1.91	<0.5	4	13	25	4.94
S411058		0.94	0.058		<0.5	5.76	9	200	1.3	<2	1.47	<0.5	3	20	9	4.01
S411059		0.57	0.005		<0.5	0.52	49	10	<0.5	<2	0.21	<0.5	2	26	2	0.88
S411060		0.65	0.013		<0.5	7.96	<5	1070	1.6	<2	2.74	<0.5	22	110	35	5.38
S411061		0.81	<0.005		<0.5	5.63	8	80	1.4	<2	1.09	<0.5	5	16	9	3.80
S411062		0.83	<0.005		<0.5	5.38	<5	110	1.4	<2	2.16	0.6	3	19	9	3.13
S411063		0.74	<0.005		<0.5	5.72	<5	190	1.8	<2	2.26	<0.5	4	14	10	3.33
S411064		0.51	<0.005		<0.5	6.18	<5	50	0.8	4	3.11	<0.5	19	9	55	9.45
S411065		0.56	<0.005		<0.5	3.13	24	10	1.0	<2	1.71	<0.5	6	16	1	3.49
S411066		0.53	<0.005		<0.5	6.21	22	30	1.2	<2	1.78	0.5	14	3	19	7.78
S411067		0.50	<0.005		<0.5	3.64	17	30	1.6	<2	0.56	<0.5	4	13	3	2.87
S411068		0.53	<0.005		<0.5	6.64	<5	30	1.4	<2	1.21	0.5	19	7	103	10.30
S411069		0.34	<0.005		<0.5	1.72	15	20	<0.5	<2	2.10	0.6	19	25	36	4.26
S411070		0.57	0.005		<0.5	6.28	59	60	<0.5	<2	4.77	2.1	66	4	211	13.10
S411071		0.85	<0.005		<0.5	5.09	<5	10	<0.5	<2	6.83	1.3	46	8	467	9.96
S411691		0.35	<0.005		<0.5	0.14	<5	<10	<0.5	<2	0.94	<0.5	2	11	1	0.75
S411692		0.42	<0.005		<0.5	0.44	<5	<10	<0.5	<2	0.29	<0.5	2	14	1	1.49
S411693		0.23	0.010		<0.5	6.30	5	20	1.2	2	1.08	<0.5	10	12	7	7.94
S411694		0.40	<0.005		<0.5	1.90	143	10	0.5	<2	0.94	<0.5	3	22	1	1.99
S411695		0.43	<0.005		<0.5	5.60	<5	230	15.2	<2	5.28	<0.5	5	12	6	3.82
S411696		0.37	0.054		<0.5	6.08	7	60	1.2	<2	1.60	<0.5	14	6	7	10.25

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À: EXPLORATION MIDLAND INC
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Finalisée date:
17- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
X858434		30	0.11	10	1.07	1035	<1	3.30	4	650	<2	0.09	<5	22	42	<20
X858435		30	0.06	10	0.97	825	<1	3.00	1	460	2	0.12	<5	19	41	<20
X858436		30	0.09	20	0.87	861	<1	3.53	<1	450	3	0.04	<5	20	56	<20
X858437		30	0.06	30	0.74	706	1	3.38	1	410	<2	0.09	<5	20	57	<20
X858438		30	0.25	10	0.33	949	<1	3.46	<1	340	<2	0.18	<5	17	124	<20
X858439		30	0.17	10	0.24	756	<1	3.36	<1	350	<2	0.28	<5	17	146	<20
X858440		20	1.98	30	2.16	843	1	2.18	53	940	17	0.07	<5	23	531	<20
X858441		30	0.23	10	0.24	809	<1	3.26	<1	360	<2	0.71	<5	17	171	<20
X858442		30	0.21	10	0.27	852	1	2.75	<1	310	3	0.08	<5	15	169	<20
X858443		20	0.07	10	0.26	526	<1	3.87	<1	260	<2	0.17	<5	14	55	<20
X858444		20	0.23	10	0.39	750	1	4.93	<1	330	<2	1.32	<5	17	51	<20
X858445		20	0.11	10	0.73	741	<1	4.68	<1	300	<2	0.42	<5	16	36	<20
X858446		20	0.04	10	0.90	603	<1	3.79	<1	290	<2	0.14	<5	14	24	<20
S411051		30	0.16	20	0.22	1500	<1	5.72	1	120	2	0.02	<5	13	156	<20
S411052		20	0.24	10	0.14	1260	1	3.42	2	140	4	0.28	<5	14	137	<20
S411053		20	0.14	20	0.11	612	1	3.80	1	230	4	0.59	<5	9	126	<20
S411054		20	0.20	20	0.17	1005	1	5.36	2	140	6	0.09	<5	10	148	<20
S411055		20	0.51	20	0.07	382	1	4.06	2	310	3	0.78	<5	14	130	<20
S411056		20	0.20	20	0.22	853	<1	3.41	1	220	<2	0.16	<5	13	88	<20
S411057		20	0.76	10	0.15	812	1	2.75	1	250	7	0.67	<5	15	107	<20
S411058		20	0.46	20	0.14	631	2	3.33	1	120	8	0.25	<5	10	66	<20
S411059		<10	0.04	<10	0.02	162	<1	0.34	<1	30	<2	0.03	<5	2	6	<20
S411060		20	1.90	30	1.90	567	1	2.36	51	1050	21	0.10	<5	15	523	<20
S411061		20	0.26	20	0.22	731	1	3.78	1	100	4	0.22	<5	10	64	<20
S411062		20	0.34	10	0.20	654	1	3.18	<1	240	<2	0.18	<5	12	84	<20
S411063		20	0.69	20	0.29	663	1	3.16	<1	250	<2	0.06	<5	13	83	<20
S411064		20	0.14	10	0.57	1245	<1	2.88	<1	1020	3	0.76	<5	26	75	<20
S411065		10	0.04	<10	0.43	875	1	1.59	2	580	<2	0.01	<5	12	27	<20
S411066		20	0.21	10	1.07	1465	<1	2.59	1	1050	<2	0.11	<5	26	59	<20
S411067		20	0.13	<10	0.31	620	1	2.18	<1	380	2	0.01	<5	8	35	<20
S411068		20	0.10	10	0.65	1435	1	2.82	<1	1160	2	1.13	<5	27	94	<20
S411069		10	0.05	<10	0.80	534	1	0.39	19	40	3	0.06	<5	14	18	<20
S411070		20	0.23	<10	3.04	1790	<1	1.96	68	160	13	0.24	<5	53	49	<20
S411071		10	0.01	<10	2.04	1500	<1	1.44	3	360	76	1.71	<5	37	43	<20
S411691		<10	<0.01	<10	0.04	188	<1	0.02	<1	30	<2	0.01	<5	1	5	<20
S411692		<10	0.01	<10	0.14	315	<1	0.02	1	20	<2	<0.01	<5	2	3	<20
S411693		20	0.06	<10	0.89	1655	<1	2.84	3	670	2	0.04	<5	26	35	<20
S411694		10	0.04	<10	0.17	463	1	1.05	1	420	<2	0.01	<5	6	15	<20
S411695		20	0.68	<10	0.41	4160	1	0.44	2	180	3	<0.01	<5	9	228	<20
S411696		20	0.19	10	0.88	2400	<1	2.18	<1	1020	<2	0.03	<5	21	62	<20

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À: EXPLORATION MIDLAND INC
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Projet: WILLBOB PROJECT

Finalisée date:
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CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
X858434		0.53	<10	<10	3	<10	65
X858435		0.43	<10	<10	2	<10	58
X858436		0.43	<10	<10	2	<10	56
X858437		0.42	<10	<10	3	<10	46
X858438		0.38	<10	<10	1	<10	24
X858439		0.36	<10	<10	2	<10	15
X858440		0.62	<10	<10	176	<10	119
X858441		0.38	<10	<10	2	<10	20
X858442		0.32	<10	<10	1	<10	33
X858443		0.32	<10	<10	2	<10	23
X858444		0.37	<10	<10	4	<10	30
X858445		0.39	<10	<10	18	<10	46
X858446		0.33	<10	<10	8	<10	37
S411051		0.25	<10	<10	1	<10	32
S411052		0.18	<10	<10	3	<10	25
S411053		0.21	<10	<10	1	<10	17
S411054		0.22	<10	<10	2	<10	20
S411055		0.25	<10	<10	3	<10	27
S411056		0.23	<10	<10	1	<10	54
S411057		0.23	<10	<10	1	<10	39
S411058		0.19	<10	<10	2	<10	33
S411059		0.01	<10	<10	1	<10	5
S411060		0.53	<10	<10	143	<10	114
S411061		0.18	<10	<10	1	<10	37
S411062		0.22	<10	<10	1	<10	66
S411063		0.24	<10	<10	2	<10	52
S411064		0.68	<10	<10	6	<10	49
S411065		0.32	<10	<10	5	<10	23
S411066		0.70	<10	<10	4	<10	41
S411067		0.16	<10	<10	4	<10	23
S411068		0.70	<10	<10	2	<10	64
S411069		0.20	<10	<10	335	<10	38
S411070		0.84	<10	<10	995	<10	104
S411071		0.85	<10	<10	309	<10	164
S411691		0.02	<10	<10	2	<10	3
S411692		0.01	<10	<10	4	160	10
S411693		0.72	<10	<10	18	<10	48
S411694		0.20	<10	<10	5	<10	13
S411695		0.10	<10	<10	6	<10	50
S411696		0.61	<10	<10	16	<10	48

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CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411697		0.40	0.140		<0.5	6.08	6	90	1.8	<2	1.16	<0.5	14	5	38	9.82
S411698		0.41	<0.005		<0.5	6.31	<5	160	1.8	<2	1.78	<0.5	14	4	12	10.30
S411699		0.37	1.525		<0.5	6.82	428	50	2.9	<2	2.01	0.5	18	6	5	9.74
S411700		0.11	3.94		0.8	6.83	34	590	0.8	<2	2.45	1.1	18	64	148	5.13
S411701		0.52	0.010		<0.5	7.20	185	10	1.3	<2	1.21	0.5	12	5	5	10.40
S411702		0.45	<0.005		<0.5	0.62	63	<10	<0.5	<2	0.49	<0.5	2	20	<1	1.74
S411703		0.45	<0.005		<0.5	5.73	6	130	1.5	<2	1.94	<0.5	11	9	18	7.04
S411704		0.40	0.008		<0.5	2.34	48	10	<0.5	<2	1.37	<0.5	5	17	<1	4.08
S411705		0.45	<0.005		<0.5	5.84	8	90	1.1	<2	2.07	<0.5	8	6	6	9.28
S411706		0.36	<0.005		<0.5	0.12	<5	<10	<0.5	<2	1.26	<0.5	1	22	10	0.62
S411707		0.49	<0.005		<0.5	1.09	<5	40	<0.5	<2	4.64	<0.5	6	40	97	2.28
S411708		0.38	<0.005		<0.5	7.10	<5	30	<0.5	<2	5.65	0.7	42	182	92	7.63
S411709		0.42	<0.005		<0.5	7.68	<5	10	<0.5	2	2.84	0.7	15	100	112	9.49
S411710		0.49	<0.005		<0.5	7.57	<5	530	0.7	2	4.58	0.5	24	93	102	5.07
S411711		0.35	<0.005		<0.5	7.18	<5	20	<0.5	<2	7.21	1.1	48	143	133	9.25
S411712		0.56	0.009		<0.5	6.78	<5	20	<0.5	3	4.62	0.9	31	30	655	9.32
S411713		0.48	<0.005		<0.5	5.48	<5	10	<0.5	<2	9.23	0.8	13	144	91	5.08
S411714		0.35	<0.005		<0.5	2.09	<5	20	<0.5	<2	2.31	<0.5	12	94	97	2.34
S411715		0.37	<0.005		<0.5	7.12	<5	10	<0.5	<2	8.37	1.0	43	149	76	9.51
S411716		0.39	<0.005		<0.5	0.69	<5	10	<0.5	<2	8.93	1.0	<1	26	5	1.29
S411717		0.33	<0.005		<0.5	0.74	<5	10	<0.5	<2	4.23	<0.5	3	16	86	1.09
S411718		0.47	<0.005		<0.5	0.10	<5	<10	<0.5	<2	0.91	<0.5	2	28	1	0.56
S411719		0.47	<0.005		<0.5	7.21	11	30	<0.5	<2	6.27	0.9	43	151	111	9.32
S411720		0.45	<0.005		<0.5	7.52	<5	950	1.4	<2	2.65	<0.5	19	103	31	5.04
S411721		0.45	0.008		<0.5	5.92	<5	20	0.8	<2	0.52	<0.5	11	6	15	8.16
S411722		0.38	0.509		<0.5	5.92	14	40	0.7	<2	0.57	<0.5	13	6	9	8.01
S411723		0.27	4.25		<0.5	5.56	<5	40	0.7	<2	0.56	<0.5	15	4	61	8.47
S411724		0.49	<0.005		<0.5	6.03	<5	210	1.6	<2	1.59	<0.5	8	10	2	4.11
S411725		0.25	2.05		<0.5	4.32	<5	50	0.7	<2	0.20	<0.5	10	9	58	6.92
S411726		0.42	1.365		<0.5	5.94	<5	50	1.0	<2	0.55	0.5	13	7	72	8.85
S411727		0.36	3.81		<0.5	5.65	<5	40	2.2	<2	0.72	<0.5	13	7	53	9.11
S411728		0.27	0.010		<0.5	6.42	7	230	1.3	<2	1.34	<0.5	9	10	1	5.29
S411729		0.48	0.016		<0.5	5.99	10	40	1.0	<2	0.57	<0.5	17	4	6	6.08
S411730		0.35	<0.005		<0.5	6.03	11	30	0.8	<2	0.23	<0.5	21	11	<1	2.54
S411731		0.59	<0.005		<0.5	6.72	<5	130	1.1	<2	0.21	<0.5	11	18	<1	4.59
S411732		0.43	<0.005		<0.5	2.25	<5	20	<0.5	<2	3.94	<0.5	12	31	85	1.80
S411733		0.42	<0.005		<0.5	4.71	<5	20	3.1	<2	9.95	1.4	15	8	1	8.49
S411734		0.50	<0.005		<0.5	7.79	<5	10	<0.5	<2	4.38	1.3	51	116	71	10.15
S411735		0.44	0.011		<0.5	0.11	<5	<10	<0.5	<2	0.13	<0.5	5	11	618	1.24
S411736		0.35	<0.005		<0.5	6.91	<5	10	<0.5	3	8.03	0.8	37	119	88	7.89

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
17- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411697		20	0.21	10	0.49	2110	<1	2.92	<1	1290	<2	0.66	<5	25	103	<20
S411698		20	0.51	10	0.54	2810	<1	2.88	<1	1130	4	0.17	<5	30	156	<20
S411699		30	0.11	10	0.62	2890	1	2.51	1	700	5	0.02	<5	36	160	<20
S411700		20	1.11	10	1.50	862	8	2.19	44	730	45	0.14	<5	16	269	<20
S411701		30	0.05	10	0.86	1935	<1	2.96	2	1390	<2	0.03	<5	32	69	<20
S411702		<10	0.01	<10	0.14	412	<1	0.12	2	60	<2	0.01	<5	2	6	<20
S411703		20	0.45	10	0.24	1965	1	2.84	<1	710	<2	0.28	<5	7	223	<20
S411704		10	0.02	<10	0.31	954	<1	0.89	1	400	<2	0.01	<5	8	19	<20
S411705		20	0.33	10	0.45	2380	<1	2.62	<1	1160	<2	0.03	<5	24	144	<20
S411706		<10	0.01	<10	0.01	157	1	0.01	3	10	<2	0.01	<5	<1	5	<20
S411707		<10	0.05	<10	0.98	555	<1	0.02	17	40	<2	0.02	<5	3	28	<20
S411708		20	0.09	<10	2.99	1220	<1	2.59	96	380	<2	0.08	<5	41	82	<20
S411709		20	0.12	10	4.30	769	<1	3.31	18	580	<2	0.38	<5	41	34	<20
S411710		20	2.14	<10	4.22	1290	<1	2.46	39	440	<2	2.62	<5	42	45	<20
S411711		20	0.08	<10	3.89	1285	<1	1.80	90	360	<2	0.33	5	45	118	<20
S411712		20	0.08	10	3.00	1325	<1	1.30	44	800	<2	0.06	<5	43	96	<20
S411713		20	0.04	<10	0.87	754	<1	0.04	20	320	<2	0.06	<5	26	246	<20
S411714		<10	0.03	<10	0.38	238	1	0.05	16	120	<2	0.11	<5	10	32	<20
S411715		30	0.04	<10	3.72	1310	<1	0.47	96	330	<2	0.05	<5	45	84	<20
S411716		<10	0.01	<10	0.28	1090	1	0.08	3	<10	131	0.04	<5	2	119	<20
S411717		<10	0.03	<10	0.09	350	1	0.02	5	<10	<2	0.06	<5	1	23	<20
S411718		<10	<0.01	<10	0.05	163	1	0.02	3	<10	<2	<0.01	<5	1	5	<20
S411719		20	0.10	<10	3.62	1340	<1	1.88	94	340	<2	0.16	<5	45	124	<20
S411720		20	1.71	30	1.76	475	4	2.29	51	890	12	0.08	<5	15	512	<20
S411721		20	0.07	20	0.53	1295	1	2.79	<1	410	<2	0.08	<5	14	36	<20
S411722		20	0.15	20	0.30	1420	<1	3.15	1	380	<2	0.09	<5	11	36	<20
S411723		20	0.16	10	0.38	1155	<1	2.94	<1	560	2	0.56	<5	13	48	<20
S411724		20	0.76	20	0.45	1010	1	2.79	5	490	<2	<0.01	<5	8	58	<20
S411725		20	0.20	10	0.34	1005	<1	2.21	2	230	2	0.19	<5	15	42	<20
S411726		20	0.24	20	0.37	1305	<1	3.15	1	570	2	0.83	<5	17	57	<20
S411727		20	0.24	10	0.55	1405	<1	2.57	1	620	<2	0.50	<5	16	33	<20
S411728		30	0.77	70	0.30	1185	1	2.58	6	550	3	0.01	<5	14	78	<20
S411729		20	0.11	40	0.33	1115	<1	3.39	3	470	<2	0.08	<5	15	43	<20
S411730		10	0.13	60	0.23	647	<1	4.46	6	500	<2	0.01	<5	11	41	<20
S411731		20	0.70	40	0.49	870	1	4.22	7	350	<2	<0.01	<5	16	50	<20
S411732		10	0.03	<10	0.27	332	1	0.11	12	40	<2	0.03	<5	4	79	<20
S411733		30	0.04	230	1.44	2060	1	0.11	9	>10000	<2	0.02	<5	10	253	20
S411734		20	0.02	10	3.04	1510	1	2.94	77	1240	<2	0.02	<5	44	31	<20
S411735		<10	0.01	<10	0.04	79	<1	0.03	10	110	<2	0.12	<5	<1	3	<20
S411736		20	0.02	<10	4.28	1340	<1	0.95	56	370	<2	0.09	<5	48	156	<20

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CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411697		0.61	<10	<10	10	<10	43
S411698		0.83	<10	<10	12	<10	50
S411699		0.86	<10	<10	13	<10	58
S411700		0.36	<10	<10	140	40	282
S411701		0.85	<10	<10	9	<10	73
S411702		0.03	<10	<10	2	<10	11
S411703		0.35	<10	<10	1	<10	29
S411704		0.22	<10	<10	3	<10	30
S411705		0.61	<10	<10	7	<10	36
S411706		<0.01	<10	<10	3	<10	<2
S411707		0.06	<10	<10	43	<10	25
S411708		0.79	<10	<10	366	<10	93
S411709		0.97	<10	<10	396	<10	38
S411710		0.93	<10	<10	407	<10	71
S411711		0.72	<10	<10	371	<10	104
S411712		1.05	<10	<10	387	<10	105
S411713		0.51	<10	<10	235	<10	28
S411714		0.25	<10	<10	94	<10	21
S411715		0.71	<10	<10	381	<10	85
S411716		0.01	<10	<10	35	<10	211
S411717		<0.01	<10	<10	29	<10	5
S411718		0.02	<10	<10	7	<10	4
S411719		0.73	<10	<10	382	<10	98
S411720		0.56	<10	<10	148	<10	91
S411721		0.34	<10	<10	1	<10	53
S411722		0.25	<10	<10	1	<10	50
S411723		0.33	<10	<10	4	<10	47
S411724		0.41	<10	<10	4	<10	51
S411725		0.23	<10	<10	8	<10	43
S411726		0.35	<10	<10	3	<10	61
S411727		0.33	<10	<10	5	<10	76
S411728		0.39	<10	<10	6	<10	46
S411729		0.34	<10	<10	1	<10	50
S411730		0.25	<10	<10	8	<10	22
S411731		0.36	<10	<10	19	<10	50
S411732		0.06	<10	<10	47	<10	9
S411733		0.49	<10	<10	60	<10	199
S411734		1.09	10	<10	408	<10	145
S411735		0.01	<10	<10	5	<10	11
S411736		0.73	<10	<10	373	<10	93

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CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411737		0.54	<0.005		<0.5	3.23	<5	20	<0.5	<2	3.19	0.6	22	53	252	4.71
S411738		0.49	<0.005		<0.5	4.77	<5	10	<0.5	<2	14.65	0.7	30	50	24	8.53
S411739		0.43	<0.005		<0.5	1.62	<5	10	<0.5	<2	1.03	0.5	14	31	521	2.66
S411740		0.11	3.92		0.7	6.93	28	590	0.8	<2	2.46	1.1	18	65	147	5.17
S411741		0.41	<0.005		<0.5	0.48	<5	<10	<0.5	<2	0.11	<0.5	18	25	231	2.15
S411742		0.31	<0.005		<0.5	6.58	<5	20	<0.5	<2	10.25	1.0	38	81	199	8.64
S411743		0.32	0.178		0.8	7.91	<5	90	<0.5	<2	4.54	1.4	79	400	3000	10.05
S411744		0.30	<0.005		<0.5	0.11	<5	10	<0.5	<2	0.81	<0.5	<1	24	16	0.69
S411745		0.44	0.010		<0.5	7.63	20	20	<0.5	<2	6.55	0.9	36	714	1080	7.62
S411746		0.45	<0.005		<0.5	8.04	<5	40	<0.5	<2	2.43	34.5	14	275	185	10.15
S411747		0.46	0.005		<0.5	8.49	19	120	<0.5	2	1.03	0.7	43	12	204	7.74
S411748		0.48	0.048		1.8	0.28	<5	10	<0.5	<2	0.74	1.2	8	8	4390	1.43
S411749		0.35	0.013		<0.5	6.54	<5	10	<0.5	<2	5.48	1.1	55	54	508	12.20
S411750		0.44	0.023		<0.5	2.19	<5	10	<0.5	<2	1.87	0.6	22	19	905	3.87
S411751		0.42	<0.005		<0.5	6.63	<5	200	0.9	2	4.92	1.3	40	6	19	11.90
S411752		0.60	<0.005		<0.5	6.29	<5	20	1.3	2	7.91	1.2	35	7	20	11.90
S411753		0.61	<0.005		<0.5	7.87	<5	20	<0.5	<2	8.36	0.9	45	9	144	12.70
S411754		0.43	<0.005		<0.5	6.00	23	10	<0.5	3	11.60	1.1	60	181	297	6.92
S411755		0.37	<0.005		<0.5	7.91	<5	70	<0.5	3	6.22	1.1	38	181	136	10.10
S411756		0.40	<0.005		<0.5	8.22	<5	40	0.5	<2	0.88	<0.5	19	182	118	5.90
S411757		0.47	<0.005		<0.5	4.24	8	40	<0.5	<2	6.08	0.7	12	29	41	2.11
S411758		0.45	0.011		<0.5	1.25	<5	<10	<0.5	<2	0.29	0.5	38	30	334	8.24
S411759		0.41	<0.005		<0.5	7.50	29	<10	<0.5	<2	7.98	0.7	40	164	125	6.86
S411760		0.50	<0.005		<0.5	8.02	<5	1350	0.9	<2	2.48	0.5	27	130	136	7.95
S411761		0.41	0.007		<0.5	1.10	<5	10	<0.5	<2	4.58	<0.5	9	23	540	1.87
S411762		0.47	<0.005		<0.5	5.63	5	10	<0.5	<2	9.46	1.0	34	117	89	7.07
S411763		0.51	<0.005		<0.5	5.99	<5	20	<0.5	3	4.96	1.2	61	31	289	9.99
S411764		0.44	<0.005		<0.5	6.14	<5	10	<0.5	<2	2.83	1.0	27	32	155	14.75
S411765		0.43	<0.005		<0.5	0.44	<5	<10	<0.5	<2	0.43	<0.5	5	27	151	1.06
S411766		0.60	<0.005		<0.5	6.11	28	10	<0.5	<2	6.81	0.8	36	165	88	7.48
S411767		0.38	<0.005		<0.5	0.61	<5	<10	<0.5	<2	0.40	<0.5	5	31	2	1.66
S411768		0.41	<0.005		<0.5	4.93	<5	580	0.9	<2	0.97	<0.5	4	38	7	1.68
S411769		0.71	1.940		<0.5	6.47	<5	20	2.1	<2	8.36	1.2	11	9	165	11.00
S411770		0.50	3.15		<0.5	0.25	<5	10	0.9	<2	0.45	<0.5	1	21	3	0.67
S411771		0.43	0.010		<0.5	5.32	<5	10	0.7	<2	2.18	0.5	11	11	90	6.82
S411772		0.58	<0.005		<0.5	5.97	21	<10	<0.5	<2	9.36	0.7	32	138	151	6.01
S411773		0.52	<0.005		<0.5	7.51	<5	90	<0.5	<2	4.30	0.8	31	178	100	6.98
S411774		0.42	<0.005		<0.5	2.28	<5	<10	<0.5	2	0.04	<0.5	14	14	4	7.02
S411775		0.54	<0.005		<0.5	3.24	<5	20	<0.5	<2	3.51	0.8	33	80	451	5.45
S411776		0.52	<0.005		<0.5	6.10	<5	30	1.3	<2	7.31	1.3	9	9	60	6.39

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S411737		10	0.11	<10	1.60	697	<1	0.59	44	240	<2	0.14	<5	17	52	<20
S411738		20	0.06	<10	2.47	1735	<1	0.32	46	320	<2	0.02	<5	24	83	<20
S411739		<10	0.12	<10	0.79	380	1	0.27	25	60	<2	0.09	<5	6	10	<20
S411740		10	1.09	10	1.50	863	7	2.21	43	720	45	0.14	<5	16	271	<20
S411741		<10	0.01	<10	0.26	210	1	0.01	32	20	<2	0.30	<5	1	3	<20
S411742		20	0.09	<10	2.91	1600	1	0.87	60	390	<2	0.07	<5	34	55	<20
S411743		20	0.46	<10	2.75	752	1	0.85	146	30	<2	3.30	<5	17	68	<20
S411744		<10	0.01	<10	0.05	135	<1	0.02	4	10	<2	0.02	<5	1	5	<20
S411745		10	0.09	<10	6.61	1325	3	1.64	141	20	5	0.11	<5	26	28	<20
S411746		20	0.16	<10	4.74	1185	<1	2.09	16	<10	49	0.41	<5	3	72	<20
S411747		20	0.63	<10	4.37	1135	<1	3.02	77	140	<2	0.04	<5	44	28	<20
S411748		<10	0.02	<10	0.17	157	<1	0.02	14	<10	<2	0.41	<5	2	4	<20
S411749		20	0.02	<10	3.98	1625	<1	0.54	159	160	<2	0.05	<5	51	42	<20
S411750		10	0.02	<10	0.99	530	<1	0.58	32	70	<2	0.10	<5	16	9	<20
S411751		20	1.75	<10	1.96	2050	<1	1.54	3	590	<2	0.14	<5	50	107	<20
S411752		30	0.19	20	3.32	2830	7	0.44	10	120	426	0.16	<5	38	123	<20
S411753		20	0.19	<10	3.40	2150	<1	0.78	87	170	<2	0.04	<5	48	136	<20
S411754		20	0.02	<10	1.92	981	<1	0.07	167	380	<2	0.06	<5	42	124	<20
S411755		20	0.45	10	3.77	1395	<1	1.41	101	470	<2	0.22	<5	36	92	<20
S411756		20	0.18	<10	3.63	677	<1	4.90	63	500	<2	2.44	<5	27	29	<20
S411757		10	0.18	<10	0.46	581	1	0.21	23	60	<2	0.09	<5	12	68	<20
S411758		<10	<0.01	<10	0.89	270	9	0.05	66	110	2	5.55	<5	4	4	<20
S411759		20	0.02	<10	3.60	1245	<1	1.12	114	320	<2	0.14	<5	44	110	<20
S411760		20	2.24	20	2.35	874	2	2.02	72	1000	8	0.33	<5	31	452	<20
S411761		<10	0.02	<10	0.26	462	1	0.02	21	30	<2	0.07	<5	4	36	<20
S411762		20	0.05	<10	3.36	1335	<1	1.32	49	280	<2	0.02	6	35	94	<20
S411763		20	0.07	<10	4.29	1275	<1	2.87	65	490	<2	1.44	<5	46	27	<20
S411764		20	0.05	<10	4.93	1650	1	1.36	25	450	<2	0.29	<5	46	9	<20
S411765		<10	0.01	<10	0.17	146	1	0.05	12	50	<2	0.06	<5	1	4	<20
S411766		20	0.02	<10	3.45	1165	<1	0.24	69	230	<2	0.04	<5	47	168	<20
S411767		<10	0.01	<10	0.42	248	1	0.02	10	10	<2	0.01	<5	1	3	<20
S411768		10	2.57	20	0.45	215	<1	0.66	12	1230	12	0.04	<5	4	61	40
S411769		30	0.04	10	0.69	2650	2	0.03	<1	1540	2	1.52	<5	33	245	<20
S411770		<10	0.02	<10	0.03	429	<1	0.03	1	90	2	0.02	<5	2	5	<20
S411771		10	0.03	10	1.10	1230	1	2.62	2	1980	<2	0.47	<5	32	24	<20
S411772		20	0.01	<10	2.17	1280	1	0.04	73	290	<2	0.27	<5	36	78	<20
S411773		20	0.46	10	3.78	962	2	2.05	61	410	<2	1.53	<5	45	31	<20
S411774		<10	0.01	<10	1.86	1240	1	0.01	27	40	<2	0.02	<5	1	2	<20
S411775		10	0.07	<10	2.11	854	1	0.56	81	380	<2	0.19	<5	18	45	<20
S411776		20	0.06	20	0.72	1405	1	0.78	3	1200	<2	0.24	<5	26	148	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
17- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411737		0.37	<10	<10	167	<10	53
S411738		0.49	<10	<10	246	<10	100
S411739		0.12	<10	<10	84	<10	46
S411740		0.37	<10	<10	140	40	282
S411741		0.01	<10	<10	22	<10	16
S411742		0.75	<10	<10	347	<10	114
S411743		0.09	<10	<10	86	<10	66
S411744		0.01	<10	<10	3	<10	3
S411745		0.26	<10	<10	203	<10	102
S411746		0.09	<10	<10	78	<10	3110
S411747		0.33	<10	<10	261	<10	83
S411748		0.01	<10	<10	9	<10	43
S411749		0.96	<10	<10	1115	<10	94
S411750		0.28	<10	<10	351	<10	31
S411751		1.49	<10	<10	35	<10	65
S411752		0.63	<10	<10	407	<10	95
S411753		0.82	<10	<10	975	<10	84
S411754		0.81	<10	<10	363	<10	83
S411755		0.68	<10	<10	286	<10	103
S411756		0.72	<10	<10	327	<10	46
S411757		0.10	<10	<10	98	<10	36
S411758		0.11	<10	<10	55	<10	31
S411759		0.63	<10	<10	329	<10	105
S411760		0.79	<10	<10	258	<10	115
S411761		0.01	<10	<10	83	<10	11
S411762		0.53	<10	<10	289	<10	73
S411763		0.84	<10	<10	412	<10	97
S411764		0.78	<10	<10	513	<10	164
S411765		0.01	<10	<10	18	<10	7
S411766		0.74	<10	<10	342	<10	90
S411767		0.01	<10	<10	21	<10	18
S411768		0.20	<10	<10	29	<10	26
S411769		0.65	10	<10	1	<10	63
S411770		0.03	<10	<10	1	630	11
S411771		0.72	<10	<10	12	10	54
S411772		0.55	<10	<10	284	<10	60
S411773		0.72	<10	<10	341	<10	130
S411774		0.01	<10	<10	77	<10	63
S411775		0.30	<10	<10	161	<10	64
S411776		0.51	<10	<10	2	<10	188

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Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411777		0.37	<0.005		<0.5	7.12	<5	20	<0.5	4	3.02	1.2	91	9	11	19.15
S411778		0.51	<0.005		<0.5	1.63	<5	<10	<0.5	<2	1.12	<0.5	18	13	9	3.78
S411779		0.62	<0.005		<0.5	3.70	<5	<10	<0.5	7	7.26	1.6	84	2760	487	14.00
S411780		0.11	4.02		0.8	6.82	30	590	0.8	<2	2.44	1.0	17	65	146	5.12
S411781		0.54	<0.005		<0.5	9.36	<5	30	<0.5	<2	5.56	<0.5	16	79	6	4.83
S411782		0.42	<0.005		<0.5	4.37	<5	<10	<0.5	<2	4.59	1.1	161	44	358	17.40
S411783		0.40	0.015		0.7	4.71	5	<10	<0.5	<2	4.61	2.5	21	81	1930	3.28
S411784		0.53	<0.005		<0.5	5.77	<5	<10	<0.5	4	3.05	0.9	42	17	164	9.92
S411785		0.39	0.038		1.4	7.13	7	20	<0.5	<2	3.28	3.0	43	16	3790	4.84
S411786		0.44	<0.005		<0.5	7.35	<5	10	<0.5	<2	7.04	0.8	39	294	117	8.17
S411787		0.31	0.006		<0.5	5.50	<5	10	<0.5	<2	6.91	0.7	17	84	222	5.63
S411788		0.25	0.007		<0.5	0.53	<5	10	<0.5	4	1.78	0.6	497	57	502	42.6
S411789		0.42	<0.005		<0.5	9.62	<5	20	<0.5	<2	7.76	0.6	15	44	30	5.68
S411790		0.60	<0.005		<0.5	2.32	8	10	<0.5	<2	5.08	0.5	15	66	275	3.00
S411791		0.52	0.034		2.1	1.19	6	80	0.9	2	0.03	<0.5	<1	37	13	3.76
S411792		0.53	<0.005		<0.5	0.08	<5	10	<0.5	<2	0.02	<0.5	1	30	8	0.92
S411793		0.34	<0.005		<0.5	0.50	269	<10	<0.5	<2	2.48	<0.5	1	28	2	1.55
S411794		0.43	<0.005		<0.5	0.02	<5	<10	<0.5	<2	0.02	<0.5	<1	31	1	0.49
S411795		0.57	0.016		<0.5	3.08	24	60	0.5	2	2.56	<0.5	8	35	28	2.76
S411796		0.43	0.006		<0.5	0.04	<5	<10	<0.5	<2	0.02	<0.5	1	25	<1	0.52
S411797		0.70	0.131		1.1	0.96	6	20	<0.5	<2	0.27	<0.5	1	34	15	0.60
S411798		0.62	<0.005		<0.5	10.10	740	430	2.1	<2	0.36	<0.5	9	80	7	3.24
S411799		0.43	>10.0	11.30	55.8	2.17	41	70	0.5	20	0.27	<0.5	5	39	132	0.97
S411800		0.41	0.016		<0.5	8.04	<5	1330	1.0	2	2.50	0.8	28	123	56	7.56
S411801		0.38	0.007		<0.5	6.96	<5	330	1.3	<2	0.92	<0.5	5	13	<1	3.86
S411802		0.50	<0.005		<0.5	5.31	<5	20	1.2	<2	4.69	<0.5	3	9	5	3.81
S411803		0.27	<0.005		<0.5	5.13	11	110	2.6	<2	2.52	<0.5	9	11	<1	6.69
S411804		0.46	0.016		<0.5	0.07	42	<10	<0.5	<2	0.02	<0.5	<1	28	<1	0.53
S411805		0.31	0.029		<0.5	5.73	<5	100	0.7	<2	0.19	<0.5	9	7	1	7.88
S411806		0.37	<0.005		<0.5	2.48	60	170	0.6	<2	0.46	<0.5	3	23	<1	1.66
S411807		0.37	<0.005		<0.5	6.26	5	40	0.9	2	1.71	0.5	14	7	7	9.44
S411808		0.39	<0.005		<0.5	2.93	19	110	<0.5	<2	0.29	<0.5	12	177	47	4.35
S411809		0.45	0.006		<0.5	8.20	<5	30	<0.5	<2	6.68	1.0	37	24	65	7.25
S411810		0.47	0.006		<0.5	6.97	<5	<10	<0.5	3	4.46	0.5	9	8	48	4.50
S411811		0.43	0.005		<0.5	8.18	11	150	<0.5	3	1.99	0.8	48	414	156	6.79
S411812		0.26	<0.005		<0.5	2.93	13	10	<0.5	<2	1.07	<0.5	20	183	57	3.77
S411813		0.37	<0.005		<0.5	4.09	<5	10	<0.5	<2	0.25	<0.5	29	14	31	7.03
S411814		0.44	<0.005		<0.5	7.71	9	10	<0.5	<2	6.87	0.6	33	25	66	7.05
S411815		0.67	<0.005		<0.5	7.06	<5	10	<0.5	<2	3.70	0.8	40	21	95	7.17
S411816		0.45	<0.005		<0.5	8.83	<5	50	<0.5	<2	6.15	0.7	54	129	213	7.82

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Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411777		20	0.21	<10	4.93	2690	<1	0.59	20	180	<2	0.18	<5	51	16	<20
S411778		10	0.02	<10	0.73	473	1	0.10	1	50	<2	0.03	<5	5	10	<20
S411779		10	0.04	<10	6.03	2140	<1	0.23	96	450	<2	1.55	<5	48	12	<20
S411780		10	1.10	10	1.49	851	7	2.18	42	720	46	0.14	8	16	269	<20
S411781		20	0.09	<10	1.18	904	<1	4.27	27	110	<2	0.02	<5	12	163	<20
S411782		10	0.02	<10	4.22	2470	<1	0.28	61	90	<2	2.83	<5	17	51	<20
S411783		10	0.02	<10	2.50	548	<1	0.75	72	40	<2	0.26	<5	14	57	<20
S411784		10	0.02	<10	2.64	1525	<1	1.08	30	180	<2	0.06	<5	16	58	<20
S411785		10	0.14	10	1.47	654	<1	4.33	53	1670	<2	0.68	<5	21	51	<20
S411786		20	0.05	<10	4.20	1300	1	1.48	91	300	2	0.11	<5	38	142	<20
S411787		10	0.06	<10	3.54	1040	<1	1.09	37	180	<2	0.36	<5	27	73	<20
S411788		<10	0.02	<10	2.10	497	10	0.04	739	30	9	>10.0	<5	5	2	<20
S411789		20	0.17	<10	1.78	773	1	2.30	25	290	<2	0.22	<5	17	179	<20
S411790		10	0.02	<10	0.94	550	1	0.32	35	170	<2	0.08	<5	14	120	<20
S411791		<10	0.69	10	0.13	133	82	0.02	4	190	33	1.21	8	3	8	<20
S411792		<10	0.04	<10	0.01	337	2	0.01	4	20	<2	0.06	<5	<1	1	<20
S411793		<10	<0.01	<10	0.37	334	1	0.02	5	10	<2	0.02	<5	2	8	<20
S411794		<10	<0.01	<10	<0.01	50	<1	<0.01	2	<10	<2	0.01	<5	<1	1	<20
S411795		10	0.36	30	0.42	590	<1	1.28	26	120	64	0.01	<5	4	63	<20
S411796		<10	0.01	<10	<0.01	82	<1	0.02	2	<10	99	0.01	<5	<1	3	<20
S411797		<10	0.12	<10	0.03	158	<1	0.59	3	30	108	0.01	<5	1	19	<20
S411798		20	2.45	50	0.76	186	<1	4.13	35	380	2	0.03	<5	13	104	<20
S411799		<10	0.40	10	0.05	211	1	1.15	8	70	112	0.01	<5	3	34	<20
S411800		20	2.19	20	2.36	940	2	2.06	72	1050	8	0.15	<5	29	445	<20
S411801		20	1.16	40	0.42	763	1	3.86	3	1550	<2	<0.01	<5	23	86	20
S411802		20	0.10	10	0.36	815	<1	1.31	<1	370	<2	0.03	<5	16	63	<20
S411803		20	0.29	<10	0.86	1835	<1	1.62	8	230	<2	<0.01	<5	11	75	<20
S411804		<10	<0.01	<10	0.01	67	<1	0.04	2	10	2	0.01	<5	<1	2	<20
S411805		20	0.42	<10	0.30	1155	<1	2.94	1	250	2	0.01	<5	18	69	<20
S411806		10	0.54	10	0.24	422	<1	1.02	5	170	<2	0.01	<5	5	25	<20
S411807		20	0.14	10	1.11	1915	<1	2.15	<1	1040	<2	0.06	<5	29	79	<20
S411808		10	0.36	<10	0.99	740	<1	0.55	45	120	<2	0.01	<5	15	15	<20
S411809		10	0.15	<10	4.73	1270	<1	2.02	82	160	<2	0.01	<5	38	39	<20
S411810		20	0.03	<10	1.21	1070	<1	2.92	15	140	<2	0.17	<5	23	59	<20
S411811		10	1.60	<10	6.39	1160	<1	0.31	287	110	<2	0.02	<5	22	15	<20
S411812		10	0.03	<10	2.99	633	<1	0.05	44	60	<2	0.01	<5	13	4	<20
S411813		10	0.07	<10	3.44	1140	<1	0.07	46	40	<2	0.03	<5	3	2	<20
S411814		20	0.03	<10	3.46	1350	<1	1.55	66	160	<2	0.01	<5	27	105	<20
S411815		10	0.07	<10	4.17	1440	<1	2.77	67	120	<2	0.25	<5	26	42	<20
S411816		20	0.17	<10	1.34	1110	1	2.90	150	180	2	0.67	<5	16	154	<20

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S411777		0.98	<10	<10	1075	<10	159
S411778		0.04	<10	<10	204	<10	28
S411779		4.18	<10	<10	423	<10	153
S411780		0.37	<10	<10	140	40	277
S411781		0.41	<10	<10	41	<10	30
S411782		0.72	<10	<10	40	<10	96
S411783		0.12	<10	<10	81	<10	64
S411784		0.34	<10	<10	212	<10	122
S411785		0.48	<10	<10	121	<10	90
S411786		0.56	<10	<10	283	<10	78
S411787		0.21	<10	<10	151	<10	49
S411788		0.03	<10	<10	59	<10	23
S411789		0.46	<10	<10	205	<10	59
S411790		0.22	<10	<10	135	<10	28
S411791		0.05	<10	<10	765	<10	59
S411792		<0.01	<10	<10	12	<10	17
S411793		0.01	<10	<10	35	<10	15
S411794		<0.01	<10	<10	1	<10	<2
S411795		0.07	<10	<10	30	<10	49
S411796		<0.01	<10	<10	1	<10	<2
S411797		0.01	<10	<10	6	<10	3
S411798		0.37	<10	<10	77	<10	62
S411799		0.06	<10	<10	14	<10	6
S411800		0.74	<10	<10	201	<10	118
S411801		0.55	<10	<10	15	10	28
S411802		0.34	<10	<10	1	<10	19
S411803		0.17	<10	<10	46	<10	60
S411804		<0.01	<10	<10	<1	<10	<2
S411805		0.39	<10	<10	3	<10	58
S411806		0.13	<10	<10	15	<10	12
S411807		0.74	<10	<10	15	<10	40
S411808		0.19	<10	<10	85	50	31
S411809		0.31	<10	<10	190	<10	95
S411810		0.57	<10	<10	89	<10	35
S411811		0.21	<10	<10	98	<10	96
S411812		0.11	<10	<10	82	<10	46
S411813		0.01	<10	<10	47	<10	166
S411814		0.29	10	<10	127	<10	141
S411815		0.28	<10	<10	173	<10	83
S411816		0.48	<10	<10	437	<10	59

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S411817		0.69	0.048		0.9	7.50	<5	20	<0.5	<2	8.11	1.0	71	105	3570	6.97
S411818		0.34	<0.005		<0.5	2.16	<5	<10	<0.5	<2	1.93	0.5	23	15	79	4.13
S411819		0.44	0.017		<0.5	8.09	<5	<10	<0.5	3	7.40	1.4	63	18	278	16.25
S411820		0.11	3.97		0.5	6.75	29	580	0.8	<2	2.42	1.2	18	62	143	5.10
S411821		0.38	<0.005		<0.5	0.35	<5	<10	<0.5	<2	0.88	<0.5	2	18	7	1.19
S411822		0.54	<0.005		<0.5	5.92	<5	<10	<0.5	3	3.80	1.2	50	14	392	13.00
S411823		0.24	<0.005		<0.5	0.57	<5	<10	<0.5	<2	3.23	<0.5	7	12	18	2.03
S411824		0.44	0.042		<0.5	6.37	<5	<10	<0.5	7	4.81	1.9	128	13	299	16.10
S411825		0.48	0.014		<0.5	7.34	<5	10	<0.5	3	7.59	1.9	89	7	209	16.05
S411826		0.45	<0.005		<0.5	7.93	<5	<10	<0.5	7	6.40	1.7	84	9	199	16.90
S411827		0.39	0.020		<0.5	2.79	<5	10	<0.5	<2	3.87	0.5	26	19	47	5.08
S411828		0.49	<0.005		<0.5	1.52	<5	<10	<0.5	<2	0.36	<0.5	17	22	155	4.11
S411829		0.16	0.036		0.5	4.45	<5	20	<0.5	<2	1.02	3.1	110	64	1010	28.6
S411830		0.37	<0.005		<0.5	6.92	<5	10	<0.5	2	6.98	0.8	39	104	128	9.21
S411831		0.26	0.005		<0.5	8.21	<5	780	0.8	<2	1.04	0.6	46	104	58	8.83
S411832		0.47	0.730		2.5	8.74	68	20	<0.5	5	4.73	2.3	55	2580	3030	8.28
S411833		0.61	0.005		<0.5	8.70	13	<10	<0.5	4	1.40	0.8	75	23	113	20.8
S411834		0.29	<0.005		<0.5	7.14	<5	20	<0.5	4	4.36	0.6	65	11	108	13.35
S411835		0.57	<0.005		<0.5	7.58	6	80	<0.5	3	5.91	0.7	44	152	84	7.22
S411836		0.58	0.043		<0.5	7.61	<5	10	<0.5	<2	9.53	0.6	50	50	819	5.91
S411837		0.77	<0.005		<0.5	5.94	<5	10	<0.5	4	7.04	1.2	86	14	34	14.50
S411838		0.45	0.009		<0.5	6.81	<5	20	<0.5	<2	5.81	1.1	61	55	588	11.55
S411839		0.27	0.009		<0.5	5.93	<5	10	<0.5	<2	4.88	1.0	36	157	200	8.10
S411840		0.41	0.006		<0.5	7.94	<5	1030	1.1	<2	3.14	0.5	24	101	104	5.57
S411841		0.41	0.009		<0.5	5.80	<5	10	<0.5	<2	2.68	0.8	70	111	883	14.70
S411842		0.49	0.021		0.9	2.38	<5	40	<0.5	<2	0.24	0.7	77	59	296	19.85
S411843		0.56	<0.005		<0.5	7.06	<5	400	0.6	<2	2.68	1.3	22	101	126	9.48
S411844		0.32	<0.005		<0.5	8.64	<5	40	<0.5	<2	2.11	0.9	13	117	62	10.30
S411845		0.27	<0.005		<0.5	1.43	<5	10	<0.5	<2	2.61	0.9	16	36	53	1.86
S411846		0.28	<0.005		<0.5	0.29	<5	<10	<0.5	<2	0.59	<0.5	3	29	10	0.93
S411847		0.31	<0.005		<0.5	6.04	<5	10	0.7	<2	3.96	0.7	14	9	5	7.22
S411848		0.31	<0.005		<0.5	6.53	20	70	<0.5	<2	2.84	1.2	76	9	495	15.80
S411849		0.31	<0.005		<0.5	8.67	<5	20	<0.5	<2	2.45	1.4	87	8	<1	20.6
S411850		0.46	<0.005		<0.5	3.31	<5	10	<0.5	<2	3.82	<0.5	22	12	5	5.05
S411851		0.64	<0.005		<0.5	2.67	<5	50	<0.5	<2	2.11	0.7	9	15	12	3.80
S411852		0.67	<0.005		<0.5	5.38	<5	90	0.6	<2	3.50	0.9	20	12	33	6.52
S411853		0.63	<0.005		<0.5	7.05	<5	50	<0.5	<2	6.73	0.8	40	24	48	8.52
S411854		0.53	0.022		<0.5	6.47	<5	40	0.5	<2	0.58	<0.5	19	3	38	11.75
S411855		0.52	<0.005		<0.5	0.33	<5	10	<0.5	<2	2.20	<0.5	1	20	<1	0.96
S411856		0.40	0.007		<0.5	6.60	<5	30	0.9	<2	1.25	<0.5	12	8	55	8.69

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Finalisée date:
17- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411817		10	0.14	<10	4.51	1055	<1	0.87	635	220	<2	0.97	<5	21	88	<20
S411818		10	0.01	<10	0.52	430	<1	0.10	3	70	<2	0.19	<5	17	36	<20
S411819		30	0.01	<10	2.51	1790	<1	0.14	3	140	<2	0.51	<5	61	164	<20
S411820		10	1.09	10	1.48	846	7	2.16	41	720	45	0.14	5	16	264	<20
S411821		<10	<0.01	<10	0.13	174	<1	0.08	1	<10	<2	0.02	<5	2	5	<20
S411822		20	0.02	<10	2.26	1470	<1	1.24	3	80	<2	0.14	<5	45	41	<20
S411823		<10	0.01	<10	0.31	447	<1	0.04	2	20	<2	0.02	<5	2	7	<20
S411824		20	0.02	<10	2.51	1895	<1	0.27	20	410	<2	1.04	<5	64	74	<20
S411825		20	0.04	<10	2.84	1960	<1	0.21	4	140	3	0.82	<5	65	135	<20
S411826		30	0.01	<10	2.98	1905	<1	0.13	4	160	<2	0.73	<5	60	117	<20
S411827		10	0.03	<10	0.43	594	<1	0.02	2	50	<2	0.16	<5	13	203	<20
S411828		<10	0.01	<10	0.51	387	1	0.12	2	40	<2	0.34	<5	7	14	<20
S411829		10	0.07	10	2.24	855	19	0.28	227	640	9	>10.0	<5	10	32	<20
S411830		20	0.02	10	3.20	1070	<1	1.30	79	670	<2	0.77	<5	35	105	<20
S411831		10	1.32	10	1.51	473	10	3.05	90	400	5	1.70	<5	18	70	<20
S411832		20	0.05	<10	3.89	1090	<1	2.53	200	220	2	0.27	<5	27	149	<20
S411833		20	0.01	<10	4.00	2260	<1	1.14	26	230	<2	0.25	<5	57	17	<20
S411834		20	0.11	<10	3.66	1775	<1	2.50	37	200	<2	0.14	<5	58	44	<20
S411835		20	0.30	<10	3.51	1100	1	2.84	104	500	<2	0.61	<5	46	133	<20
S411836		10	0.03	<10	5.85	1180	<1	0.85	248	20	<2	0.27	<5	38	76	<20
S411837		20	0.08	<10	4.03	1850	<1	1.20	8	20	<2	0.29	<5	41	77	<20
S411838		20	0.10	<10	4.50	1520	<1	1.59	80	90	<2	0.68	<5	29	72	<20
S411839		10	0.02	<10	3.40	1250	1	0.54	68	270	<2	0.09	<5	37	102	<20
S411840		20	1.57	20	1.87	645	2	2.68	67	1250	12	0.23	<5	16	686	<20
S411841		10	0.02	10	4.82	1550	11	0.59	89	340	<2	1.94	5	30	18	<20
S411842		10	0.11	<10	0.30	77	17	0.88	143	330	28	>10.0	<5	4	11	<20
S411843		20	0.69	10	3.26	1035	<1	3.73	75	590	<2	2.88	<5	38	14	<20
S411844		20	0.08	10	3.73	1365	3	3.75	58	730	2	1.03	<5	48	19	<20
S411845		<10	0.02	<10	0.45	296	<1	0.16	21	80	<2	0.14	<5	7	7	<20
S411846		<10	0.01	<10	0.08	123	1	0.01	5	20	<2	0.05	<5	1	1	<20
S411847		20	0.05	10	1.24	2010	<1	3.25	<1	840	<2	0.08	<5	42	38	<20
S411848		20	0.18	<10	2.24	2220	<1	1.73	26	110	<2	0.12	<5	47	19	<20
S411849		30	0.14	<10	4.38	2760	<1	0.86	16	180	<2	0.01	<5	69	11	<20
S411850		10	0.04	<10	1.00	941	1	1.22	1	20	<2	0.01	<5	19	15	<20
S411851		10	0.18	<10	0.17	992	<1	1.95	<1	700	<2	0.27	<5	6	70	<20
S411852		20	0.34	10	0.27	1365	1	3.87	<1	1020	9	0.84	<5	14	150	<20
S411853		20	0.35	<10	3.63	1655	<1	1.98	50	300	<2	0.01	<5	43	264	<20
S411854		20	0.15	30	0.63	1730	<1	2.54	<1	1400	3	0.37	<5	21	56	<20
S411855		<10	0.02	<10	0.05	473	<1	0.11	<1	40	<2	0.01	<5	1	31	<20
S411856		20	0.08	10	0.54	1550	<1	3.49	<1	1380	<2	0.78	<5	24	50	<20

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Projet: WILLBOB PROJECT

Finalisée date:
17- AOUT- 2018
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411817		0.18	<10	<10	103	<10	64
S411818		0.49	<10	<10	156	<10	24
S411819		2.27	10	<10	635	<10	109
S411820		0.36	<10	<10	139	40	276
S411821		0.06	<10	<10	35	<10	6
S411822		1.33	10	<10	751	<10	89
S411823		0.04	<10	<10	48	<10	15
S411824		2.65	10	<10	872	<10	109
S411825		2.01	<10	<10	836	<10	111
S411826		1.70	<10	<10	998	<10	123
S411827		0.60	<10	<10	88	<10	35
S411828		0.08	<10	<10	136	<10	22
S411829		0.25	10	10	190	<10	278
S411830		0.73	<10	<10	294	<10	167
S411831		0.66	<10	10	228	<10	93
S411832		2.80	20	<10	584	<10	206
S411833		2.30	10	<10	1005	<10	159
S411834		1.13	<10	<10	1115	<10	119
S411835		0.77	<10	<10	404	<10	124
S411836		0.14	<10	<10	163	<10	44
S411837		1.05	<10	<10	1265	<10	99
S411838		0.39	10	<10	484	<10	90
S411839		0.52	<10	<10	282	<10	85
S411840		0.51	<10	<10	161	<10	114
S411841		0.55	<10	<10	288	<10	113
S411842		0.30	<10	<10	87	<10	4
S411843		0.94	10	<10	422	<10	174
S411844		1.11	<10	<10	464	<10	204
S411845		0.10	<10	<10	62	<10	93
S411846		0.01	<10	<10	10	<10	47
S411847		0.93	<10	<10	18	<10	86
S411848		1.96	<10	<10	393	<10	107
S411849		1.99	10	<10	1270	<10	162
S411850		0.35	<10	<10	341	<10	37
S411851		0.24	<10	<10	6	<10	20
S411852		0.62	<10	<10	3	<10	40
S411853		0.59	<10	<10	346	<10	53
S411854		0.54	<10	<10	2	<10	57
S411855		0.02	<10	<10	3	<10	4
S411856		0.66	<10	<10	8	<10	44

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CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411857		0.43	0.010		<0.5	2.86	197	10	0.5	<2	1.61	<0.5	7	16	<1	3.82
S411858		0.48	<0.005		<0.5	8.47	<5	50	<0.5	<2	6.27	1.0	79	16	129	13.35
S411859		0.51	0.335		<0.5	5.51	<5	10	<0.5	<2	4.88	1.6	87	>10000	596	13.75
S411860		0.11	3.92		0.7	7.04	31	590	0.8	<2	2.48	1.4	20	77	147	5.26
S411861		0.51	0.031		<0.5	6.93	<5	20	<0.5	<2	4.04	14.0	9	42	1010	3.48
S411862		0.38	0.019		0.5	6.72	<5	10	<0.5	<2	6.08	1.2	68	6	741	12.90

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CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411857		10	0.03	<10	0.28	906	1	1.42	<1	450	<2	0.02	<5	11	19	<20
S411858		20	0.28	<10	3.33	1620	<1	1.18	50	240	2	0.52	<5	38	160	<20
S411859		20	0.02	<10	5.06	2280	<1	0.06	92	390	<2	1.21	<5	45	32	<20
S411860		20	1.10	10	1.52	874	7	2.20	40	770	48	0.15	<5	16	275	<20
S411861		10	0.10	170	1.42	604	1	2.18	11	370	<2	0.33	<5	10	53	<20
S411862		20	0.03	<10	3.49	1595	<1	1.17	96	150	<2	0.08	<5	50	19	<20

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CERTIFICAT D'ANALYSE VO18188939

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411857		0.36	<10	<10	8	<10	25
S411858		0.93	10	<10	1050	<10	97
S411859		3.57	<10	<10	1285	<10	1340
S411860		0.38	<10	<10	143	40	292
S411861		0.31	<10	<10	137	<10	2920
S411862		0.81	<10	<10	1245	<10	107

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CERTIFICAT D'ANALYSE VO18188939

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	BAG- 01	CRU- 32	CRU- QC	LOG- 21
	LOG- 23	PUL- 32	PUL- QC	SPL- 21
	WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

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Finalisée date:
23- AOUT- 2018
Compte: MIDEXP

CERTIFICAT VO18188953

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 200 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 3- AOUT- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21	Entrée échantillon - Code barre client
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
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Finalisée date:
23- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001	ME- ICP61 Fe % 0.01
S411863		0.60	0.036	0.5	6.07	<5	10	<0.5	<2	1.06	<0.5	82	10	1165		13.30
S411864		0.45	0.008	<0.5	8.46	<5	10	<0.5	<2	1.21	<0.5	115	5	273		22.2
S411865		0.60	<0.005	<0.5	4.17	<5	<10	<0.5	<2	3.82	<0.5	32	14	92		8.22
S411866		0.57	<0.005	<0.5	4.67	<5	10	<0.5	<2	8.71	<0.5	41	5	118		9.01
S411867		0.51	<0.005	<0.5	7.45	<5	10	<0.5	5	6.10	0.5	72	6	92		14.80
S411868		0.63	<0.005	<0.5	5.07	<5	10	<0.5	3	4.43	<0.5	42	13	239		9.50
S411869		0.64	<0.005	<0.5	8.21	<5	10	<0.5	5	5.94	0.5	70	9	87		15.05
S411870		0.39	<0.005	<0.5	5.20	<5	90	0.7	3	1.12	<0.5	25	2	6		19.35
S411871		0.41	<0.005	<0.5	4.19	5	10	<0.5	<2	2.25	<0.5	29	82	76		7.65
S411872		0.54	<0.005	<0.5	7.63	30	20	1.5	<2	10.20	<0.5	43	107	219		7.39
S411873		0.42	<0.005	<0.5	0.18	<5	<10	<0.5	<2	0.51	<0.5	2	31	10		1.05
S411874		0.60	<0.005	<0.5	5.04	<5	20	<0.5	<2	6.25	<0.5	19	74	62		5.09
S411875		0.47	0.007	1.5	1.90	285	120	1.3	<2	3.28	6.4	9	56	223		14.90
S411876		0.56	<0.005	<0.5	0.10	<5	10	<0.5	<2	0.07	2.3	3	38	29		1.54
S411877		0.48	0.027	1.3	3.57	<5	90	2.0	<2	0.25	10.7	35	79	121		19.15
S411878		0.55	<0.005	<0.5	0.38	6	20	<0.5	<2	0.02	<0.5	2	24	174		1.38
S411879		0.50	<0.005	<0.5	0.43	5	20	<0.5	<2	0.30	<0.5	6	21	15		2.34
S411880		Not Recvd														
S411881		0.51	0.011	<0.5	3.80	28	70	<0.5	<2	4.89	0.9	50	14	116		7.40
S411882		0.35	<0.005	<0.5	7.36	48	220	<0.5	<2	4.32	0.8	43	97	43		7.63
S411883		0.46	<0.005	<0.5	3.43	42	130	<0.5	<2	3.72	8.3	29	12	56		7.50
S411884		0.49	0.109	<0.5	0.53	897	50	<0.5	<2	3.06	0.9	17	16	295		5.06
S411885		0.52	0.005	<0.5	5.16	6	10	<0.5	<2	8.46	0.5	17	62	359		4.79
S411886		0.40	<0.005	<0.5	7.60	9	10	<0.5	<2	7.09	<0.5	23	102	40		4.33
S411887		0.45	<0.005	<0.5	7.28	<5	880	2.0	<2	1.21	<0.5	4	54	20		2.77
S411888		0.28	<0.005	<0.5	2.25	<5	500	1.3	<2	9.13	<0.5	7	21	<1		3.87
S411889		0.50	<0.005	<0.5	6.15	<5	2850	1.2	<2	1.45	<0.5	19	23	310		2.95
S411890		0.46	<0.005	<0.5	7.88	7	2020	2.7	<2	5.31	<0.5	13	119	101		4.09
S411891		0.52	<0.005	<0.5	1.29	<5	140	<0.5	<2	1.94	<0.5	15	29	131		2.41
S411892		0.31	<0.005	0.5	1.98	<5	480	0.5	<2	1.55	<0.5	10	29	111		2.73
S411893		0.47	0.134	<0.5	6.60	<5	10	<0.5	<2	1.54	<0.5	13	6	227		11.25
S411894		0.48	0.052	<0.5	7.74	<5	20	0.5	<2	1.51	<0.5	16	7	167		8.74
S411895		0.51	1.640	<0.5	5.67	<5	40	<0.5	<2	1.44	<0.5	14	9	379		6.52
S411896		0.41	0.866	<0.5	6.47	<5	140	0.6	<2	1.02	<0.5	26	11	637		5.74
S411897		0.37	0.909	<0.5	5.12	<5	60	0.5	<2	0.99	<0.5	7	12	59		5.14
S411898		0.38	<0.005	<0.5	6.80	<5	140	<0.5	<2	7.40	0.9	43	143	154		8.90
S411899		0.41	<0.005	<0.5	3.22	<5	10	<0.5	<2	5.35	<0.5	27	125	116		5.32
S411900		0.11	3.81	0.8	7.05	37	610	0.8	<2	2.56	1.0	21	66	151		5.36
S411901		0.23	<0.005	<0.5	5.04	7	40	<0.5	<2	2.00	<0.5	64	124	377		12.40
S411902		0.48	<0.005	<0.5	3.67	<5	10	<0.5	<2	5.38	<0.5	20	89	38		4.56

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CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411863		10	0.02	<10	2.70	1080	1	1.61	105	170	<2	1.88	<5	44	16	<20
S411864		30	0.01	<10	5.13	1820	1	0.32	105	160	<2	0.79	6	68	16	<20
S411865		10	0.01	<10	1.77	1075	<1	0.97	7	110	<2	0.12	<5	45	22	<20
S411866		10	0.05	<10	1.86	1440	<1	1.10	8	70	<2	0.14	<5	32	41	<20
S411867		20	0.04	<10	2.99	2020	<1	1.08	4	130	<2	0.29	<5	59	95	<20
S411868		10	0.04	<10	1.38	1050	<1	1.39	1	50	<2	0.14	<5	36	63	<20
S411869		20	0.05	<10	2.61	1770	<1	1.89	4	70	<2	0.21	<5	64	96	<20
S411870		20	0.11	10	0.61	3190	2	1.16	2	1680	<2	0.02	<5	32	43	<20
S411871		10	0.04	<10	2.99	874	1	0.48	51	170	<2	0.05	<5	20	70	<20
S411872		20	0.05	<10	2.19	3420	<1	1.06	72	280	6	0.29	<5	30	404	<20
S411873		<10	0.01	<10	0.04	165	1	0.06	4	10	<2	0.04	<5	1	12	<20
S411874		20	0.04	<10	1.77	877	<1	0.59	24	220	<2	0.03	<5	20	145	<20
S411875		<10	0.95	30	2.03	17350	22	0.03	325	2650	16	9.31	7	4	104	<20
S411876		<10	0.04	<10	0.05	654	1	0.01	12	50	2	0.45	<5	<1	3	<20
S411877		10	1.84	20	0.64	1410	94	0.05	188	870	28	>10.0	<5	8	31	<20
S411878		<10	0.17	<10	0.02	231	1	0.03	4	30	19	0.06	<5	3	6	<20
S411879		<10	0.10	<10	0.07	405	1	0.06	2	40	16	0.04	<5	5	12	<20
S411880																
S411881		10	0.52	<10	1.25	1455	1	0.89	<1	150	3	0.41	<5	26	34	<20
S411882		10	2.57	<10	3.16	1765	<1	0.10	72	200	5	0.06	<5	41	34	<20
S411883		10	0.98	<10	0.78	1170	1	0.73	<1	200	446	0.19	<5	20	49	<20
S411884		<10	0.21	<10	0.53	1015	1	0.06	4	40	18	0.60	<5	6	25	<20
S411885		20	0.03	<10	1.24	793	1	0.09	34	180	<2	0.05	<5	13	312	<20
S411886		10	0.05	<10	3.90	856	1	1.90	65	180	<2	0.02	6	27	71	<20
S411887		20	2.82	20	1.95	292	1	2.65	5	220	<2	0.21	<5	9	34	20
S411888		10	1.11	20	11.65	1160	<1	0.10	12	420	<2	<0.01	<5	4	13	<20
S411889		10	3.73	10	0.60	222	1	1.02	50	300	9	0.87	<5	2	68	<20
S411890		20	4.36	80	4.57	715	1	1.09	34	400	7	0.27	<5	20	116	40
S411891		<10	0.41	10	0.67	1170	1	0.18	18	190	6	0.35	<5	2	17	<20
S411892		<10	0.94	10	0.70	304	1	0.53	22	70	47	0.72	<5	2	18	<20
S411893		10	0.03	<10	1.35	1330	1	2.95	<1	1470	4	0.67	<5	34	24	<20
S411894		20	0.04	10	0.76	774	1	4.51	<1	1690	2	1.85	<5	27	53	<20
S411895		10	0.07	10	0.22	408	1	3.63	<1	450	5	2.14	<5	22	59	<20
S411896		10	0.19	10	0.22	343	2	4.32	<1	750	2	1.28	<5	25	57	<20
S411897		10	0.08	10	0.56	638	1	3.09	<1	540	4	0.09	<5	16	39	<20
S411898		20	0.28	<10	2.92	1405	1	1.83	87	370	2	0.26	<5	42	130	<20
S411899		10	0.07	<10	2.19	871	1	0.87	36	280	<2	0.15	<5	27	99	<20
S411900		20	1.13	10	1.55	890	8	2.23	39	790	51	0.15	7	16	276	<20
S411901		10	0.08	<10	3.47	1230	2	0.07	89	280	3	2.61	<5	27	45	<20
S411902		10	0.02	<10	1.57	682	1	0.06	32	160	<2	0.06	<5	20	43	<20

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CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411863		0.85	<10	<10	1195	<10	67
S411864		1.48	<10	<10	2120	<10	128
S411865		0.78	<10	<10	733	<10	49
S411866		0.60	<10	<10	760	<10	55
S411867		1.37	<10	<10	1060	<10	95
S411868		1.30	<10	10	323	<10	57
S411869		2.27	<10	10	508	<10	120
S411870		0.73	<10	<10	4	<10	198
S411871		0.33	<10	<10	182	<10	87
S411872		0.51	<10	<10	258	<10	108
S411873		0.01	<10	<10	7	<10	3
S411874		0.34	<10	<10	178	<10	51
S411875		0.06	<10	<10	466	<10	844
S411876		<0.01	<10	<10	14	<10	236
S411877		0.21	<10	30	1200	<10	1720
S411878		0.07	<10	<10	36	<10	51
S411879		0.08	<10	<10	43	<10	33
S411880							
S411881		0.49	<10	<10	285	<10	61
S411882		0.20	<10	<10	210	<10	68
S411883		0.43	<10	<10	82	<10	530
S411884		0.03	<10	<10	77	<10	45
S411885		0.21	10	<10	164	<10	30
S411886		0.21	<10	<10	125	<10	35
S411887		0.29	<10	<10	149	<10	19
S411888		0.14	<10	<10	21	<10	56
S411889		0.07	<10	<10	50	<10	10
S411890		0.73	10	<10	205	<10	32
S411891		0.06	<10	<10	16	<10	13
S411892		0.06	<10	<10	35	<10	9
S411893		1.10	<10	<10	13	<10	66
S411894		0.75	<10	<10	11	<10	46
S411895		0.40	<10	<10	5	<10	14
S411896		0.53	<10	<10	8	<10	14
S411897		0.25	<10	<10	22	<10	26
S411898		0.68	10	<10	353	<10	92
S411899		0.46	<10	<10	236	<10	51
S411900		0.37	<10	<10	144	40	299
S411901		0.43	<10	<10	221	<10	80
S411902		0.31	10	<10	164	<10	27

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CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001	ME- ICP61 Fe % 0.01
S411903		0.45	0.006	<0.5	0.26	<5	<10	<0.5	<2	0.03	<0.5	404	48	1625		31.8
S411904		0.39	<0.005	<0.5	7.35	<5	10	<0.5	<2	2.22	0.6	39	83	169		8.72
S411905		0.39	<0.005	<0.5	2.55	11	<10	<0.5	<2	0.43	<0.5	79	51	585		8.82
S411906		0.54	<0.005	<0.5	2.43	<5	<10	<0.5	<2	5.39	<0.5	33	66	47		4.34
S411907		0.36	<0.005	<0.5	6.99	<5	20	<0.5	<2	5.43	0.9	45	158	89		8.17
S411908		0.53	<0.005	<0.5	7.62	7	20	<0.5	<2	5.17	<0.5	53	195	134		10.70
S411909		0.50	<0.005	<0.5	5.76	<5	10	<0.5	<2	3.00	0.6	27	8	19		13.85
S411910		0.48	<0.005	<0.5	1.13	<5	10	<0.5	<2	0.08	<0.5	26	17	4660		9.34
S411911		0.52	0.012	<0.5	1.50	<5	<10	<0.5	<2	5.96	<0.5	17	22	45		3.08
S411912		0.36	<0.005	<0.5	7.36	<5	<10	<0.5	<2	3.43	0.7	59	6	56		13.25
S411913		0.45	<0.005	<0.5	1.52	<5	<10	<0.5	<2	0.20	<0.5	31	18	203		7.03
S411914		0.52	0.214	<0.5	5.92	5	20	<0.5	<2	7.92	1.2	94	11	281		18.05
S411915		0.49	<0.005	<0.5	7.26	<5	10	<0.5	<2	8.14	<0.5	31	10	131		6.95
S411916		0.46	<0.005	<0.5	6.76	<5	10	<0.5	<2	7.21	0.8	81	5	129		13.60
S411917		0.48	<0.005	0.5	2.19	<5	30	<0.5	<2	1.03	<0.5	7	19	12		4.60
S411918		0.53	0.006	<0.5	6.03	<5	20	1.5	5	6.45	0.6	26	12	30		11.60
S411919		0.63	0.006	<0.5	6.45	<5	20	<0.5	2	5.83	0.8	47	29	689		12.15
S411920		0.43	<0.005	<0.5	7.50	<5	1380	1.0	<2	2.51	<0.5	22	115	13		6.74
S411921		0.28	0.006	<0.5	3.59	<5	20	<0.5	<2	3.28	0.8	292	41	1050		24.0
S411922		0.39	<0.005	<0.5	7.28	<5	30	<0.5	<2	6.06	0.5	23	23	34		11.85
S411923		0.46	0.007	<0.5	0.36	14	<10	<0.5	<2	0.21	<0.5	12	29	282		1.39
S411924		0.50	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.02	<0.5	1	25	11		1.18
S411925		0.41	<0.005	<0.5	7.18	<5	40	0.7	3	4.34	<0.5	39	92	138		8.46
S411926		0.59	<0.005	<0.5	0.10	<5	10	<0.5	<2	1.42	<0.5	2	35	7		0.80
S411927		0.50	0.009	0.5	0.09	<5	10	<0.5	<2	0.03	0.8	24	16	53		15.20
S411928		0.47	<0.005	<0.5	10.35	317	410	2.5	<2	0.13	<0.5	10	68	5		4.36
S411929		0.61	<0.005	<0.5	0.70	<5	20	<0.5	<2	0.01	<0.5	2	28	1		1.00
S411930		0.68	<0.005	<0.5	0.77	<5	10	<0.5	<2	0.01	<0.5	1	31	2		0.77
S411931		0.45	<0.005	<0.5	1.52	15	20	<0.5	<2	0.09	<0.5	1	27	8		1.41
S411932		0.47	<0.005	<0.5	8.69	41	370	2.0	<2	0.62	<0.5	11	67	6		4.77
S411933		0.69	<0.005	<0.5	0.90	21	30	<0.5	<2	0.62	<0.5	2	28	3		0.74
S411934		0.63	<0.005	<0.5	0.62	<5	30	<0.5	<2	0.03	<0.5	1	29	1		0.75
S411935		0.56	0.009	<0.5	3.26	85	230	<0.5	<2	2.96	0.9	87	19	254		8.10
S411936		0.58	<0.005	<0.5	2.25	5	220	0.5	<2	2.04	<0.5	4	48	7		2.23
S411937		0.56	<0.005	<0.5	7.07	<5	20	0.5	<2	1.29	<0.5	23	48	345		7.54
S411938		0.57	0.021	<0.5	1.58	5	210	1.2	<2	1.31	0.7	6	24	47		23.2
S411939		0.58	<0.005	<0.5	2.03	7	10	<0.5	<2	0.92	<0.5	2	33	28		8.38
S411940		0.11	3.88	0.9	7.01	33	600	0.8	<2	2.49	1.0	18	64	149		5.36
S411941		0.59	<0.005	<0.5	4.65	16	240	0.9	<2	6.03	0.5	25	59	23		10.35
S411942		0.37	<0.005	<0.5	5.70	<5	690	1.0	<2	2.55	<0.5	7	34	101		7.57

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À: EXPLORATION MIDLAND INC
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Finalisée date:
23- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411903		<10	0.01	<10	0.12	321	18	0.01	206	20	4	>10.0	<5	7	2	<20
S411904		10	0.02	<10	3.25	1060	2	2.99	71	60	<2	0.87	5	30	39	<20
S411905		10	<0.01	<10	2.24	591	9	0.08	73	140	6	4.35	<5	10	6	<20
S411906		10	0.01	<10	0.64	352	1	0.10	21	100	2	2.29	<5	10	4	<20
S411907		10	0.06	<10	3.97	1335	1	2.47	77	350	<2	0.13	<5	44	32	<20
S411908		20	0.05	<10	4.82	1760	1	2.19	114	440	2	0.03	<5	52	53	<20
S411909		30	0.03	40	2.34	2350	2	0.12	16	1790	2	0.18	<5	34	78	<20
S411910		<10	0.02	<10	0.52	442	1	0.01	4	50	2	2.98	<5	2	2	<20
S411911		<10	0.01	<10	0.54	812	1	0.39	<1	140	<2	0.07	<5	9	21	<20
S411912		20	0.04	<10	2.61	1660	1	1.36	6	130	<2	0.03	<5	52	60	<20
S411913		<10	0.01	<10	0.78	501	1	0.02	2	20	<2	0.18	<5	2	2	<20
S411914		20	0.18	<10	2.92	1305	1	0.25	224	130	32	6.62	13	52	120	<20
S411915		20	0.04	<10	2.60	1195	<1	0.81	36	170	<2	0.05	<5	41	233	<20
S411916		20	0.09	<10	2.99	1535	<1	1.50	29	150	<2	0.39	<5	53	122	<20
S411917		<10	0.13	10	1.20	735	<1	0.02	12	30	102	0.13	<5	1	67	<20
S411918		20	0.08	10	1.26	2440	<1	0.09	3	350	4	0.33	<5	41	309	<20
S411919		20	0.02	10	2.41	1445	1	0.03	66	570	<2	0.08	<5	46	179	<20
S411920		20	1.89	20	2.07	899	1	2.02	47	1080	12	0.09	<5	24	479	<20
S411921		10	0.05	10	3.49	1005	2	0.07	277	170	7	>10.0	<5	14	49	<20
S411922		20	0.13	10	4.07	1655	1	1.03	17	290	2	0.19	<5	36	97	<20
S411923		<10	<0.01	<10	0.22	200	1	0.06	18	20	2	0.11	<5	1	3	<20
S411924		<10	<0.01	<10	0.01	70	<1	<0.01	1	20	<2	0.03	<5	<1	<1	<20
S411925		20	0.11	10	3.57	1120	1	3.24	72	610	3	4.79	<5	42	99	<20
S411926		<10	<0.01	<10	0.06	154	1	0.02	2	30	<2	0.06	<5	1	5	<20
S411927		<10	0.02	<10	0.01	127	1	0.02	183	20	3	>10.0	<5	<1	2	<20
S411928		30	2.11	40	0.82	315	1	4.63	35	330	2	0.17	<5	13	98	<20
S411929		<10	0.10	<10	0.04	150	1	0.37	2	40	2	0.04	<5	1	10	<20
S411930		<10	0.04	<10	0.02	81	1	0.54	2	30	5	0.01	<5	<1	14	<20
S411931		<10	0.10	<10	0.12	229	1	0.88	6	120	17	0.01	<5	1	27	<20
S411932		20	1.83	50	1.10	298	<1	3.10	48	480	2	0.01	<5	11	76	20
S411933		<10	0.12	<10	0.06	247	1	0.52	3	50	48	0.02	<5	1	32	<20
S411934		<10	0.13	<10	0.02	146	<1	0.32	1	20	24	0.01	<5	1	12	<20
S411935		10	1.30	<10	0.56	1455	1	0.14	9	480	22	2.11	<5	29	28	<20
S411936		<10	0.70	10	0.44	352	1	0.74	14	280	20	0.03	<5	4	218	<20
S411937		10	0.05	30	4.20	967	1	1.86	21	680	4	0.45	<5	9	52	<20
S411938		<10	0.89	20	2.49	5430	<1	0.11	12	1860	4	1.56	<5	3	36	<20
S411939		10	0.02	10	0.96	1235	1	0.01	3	220	<2	0.20	<5	3	14	<20
S411940		10	1.10	10	1.50	865	8	2.20	42	780	44	0.14	<5	16	277	<20
S411941		20	1.57	30	5.10	1055	1	0.50	34	2940	2	0.67	<5	20	141	<20
S411942		10	2.83	30	1.96	931	<1	0.24	12	230	16	0.33	<5	6	400	<20

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Projet: WILLBOB PROJECT

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CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411903		0.05	<10	<10	111	<10	3
S411904		0.84	10	<10	303	<10	65
S411905		0.19	<10	<10	102	<10	78
S411906		0.17	<10	<10	90	<10	12
S411907		0.62	<10	<10	324	<10	82
S411908		0.80	<10	<10	394	<10	103
S411909		0.54	<10	<10	60	<10	155
S411910		0.01	<10	<10	70	<10	32
S411911		0.29	<10	<10	187	<10	21
S411912		1.22	<10	<10	886	<10	98
S411913		0.02	<10	<10	154	<10	32
S411914		0.95	<10	<10	1285	<10	62
S411915		0.29	<10	<10	216	<10	68
S411916		1.11	<10	<10	1210	<10	103
S411917		0.01	<10	<10	18	<10	89
S411918		1.29	<10	<10	60	<10	86
S411919		1.45	<10	<10	997	<10	126
S411920		0.58	<10	<10	168	<10	112
S411921		0.17	<10	<10	98	<10	51
S411922		0.42	<10	<10	253	<10	86
S411923		0.02	<10	<10	16	<10	18
S411924		<0.01	<10	10	2	<10	<2
S411925		0.93	<10	<10	421	<10	73
S411926		0.02	<10	10	10	<10	2
S411927		<0.01	<10	<10	2	<10	170
S411928		0.25	<10	<10	73	<10	73
S411929		0.02	<10	<10	6	<10	7
S411930		0.03	<10	<10	4	<10	3
S411931		0.01	<10	<10	10	<10	18
S411932		0.23	<10	<10	75	<10	107
S411933		0.02	<10	<10	4	<10	74
S411934		0.02	<10	<10	5	<10	4
S411935		1.10	<10	<10	231	<10	42
S411936		0.10	<10	<10	31	<10	32
S411937		0.28	<10	<10	68	<10	67
S411938		0.06	<10	<10	28	<10	94
S411939		0.04	<10	<10	44	<10	44
S411940		0.37	<10	<10	146	40	286
S411941		0.61	<10	<10	306	<10	138
S411942		0.21	<10	<10	35	<10	43

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CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001	ME- ICP61 Fe % 0.01
S411943		0.73	0.056	<0.5	1.89	<5	20	<0.5	<2	0.52	<0.5	1	23	110		1.77
S411944		0.38	0.148	<0.5	0.67	<5	10	<0.5	<2	0.13	<0.5	4	22	129		4.43
S411945		0.56	0.232	<0.5	5.56	<5	20	0.5	<2	1.77	<0.5	10	12	219		7.76
S411946		0.63	0.791	<0.5	5.16	<5	20	<0.5	<2	2.12	<0.5	8	14	131		4.78
S411947		0.70	1.150	<0.5	6.25	<5	40	0.6	<2	2.44	<0.5	1	10	63		5.24
S411948		0.53	0.010	<0.5	0.57	<5	10	<0.5	<2	0.07	<0.5	1	26	9		2.70
S411949		0.43	<0.005	<0.5	6.50	<5	30	<0.5	<2	6.38	<0.5	39	176	61		7.29
S411950		0.59	<0.005	<0.5	4.33	<5	10	6.7	<2	3.78	<0.5	5	57	8		4.19
S411951		0.31	0.037	1.0	1.01	12	40	<0.5	<2	0.14	<0.5	2	34	18		1.35
S411952		0.52	2.31	9.5	1.31	106	40	<0.5	6	0.05	<0.5	5	35	56		0.90
S411953		0.31	0.016	<0.5	9.10	286	170	1.1	<2	0.78	<0.5	19	75	1		5.13
S411954		0.37	0.013	<0.5	7.28	47	300	0.5	2	4.13	0.5	70	6	93		13.00
S411955		0.58	0.006	<0.5	7.37	13	20	<0.5	<2	8.58	<0.5	54	7	46		11.10
S411956		0.55	<0.005	<0.5	1.24	<5	150	1.8	<2	1.89	0.7	9	20	66		15.85
S411957		0.64	<0.005	<0.5	0.19	<5	<10	<0.5	<2	0.08	<0.5	1	22	12		1.82
S411958		0.71	<0.005	<0.5	0.04	<5	10	<0.5	<2	0.42	<0.5	1	40	2		7.96
S411959		0.49	1.300	<0.5	6.10	<5	40	<0.5	<2	0.71	<0.5	4	12	122		6.07
S411960		0.43	<0.005	<0.5	7.84	<5	1450	1.1	<2	2.42	<0.5	25	129	23		6.82
S411961		0.49	0.049	<0.5	0.69	<5	<10	<0.5	<2	0.04	<0.5	2	27	20		2.93
S411962		0.41	0.143	<0.5	6.49	<5	80	<0.5	<2	1.99	<0.5	4	10	87		5.91
S411963		0.54	1.800	<0.5	6.52	<5	50	0.5	<2	2.98	<0.5	20	10	673		6.20
S411964		0.75	<0.005	<0.5	7.14	17	20	<0.5	4	6.79	<0.5	48	182	129		9.42
S411965		0.36	0.008	0.7	0.95	<5	60	0.9	<2	0.34	2.6	6	29	148		6.42
S411966		0.48	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.01	<0.5	1	28	4		0.80
S411967		0.33	<0.005	<0.5	0.03	<5	<10	<0.5	<2	<0.01	0.6	<1	27	10		2.05
S411968		0.33	<0.005	<0.5	3.24	<5	30	<0.5	<2	3.43	<0.5	22	83	99		5.13
S411969		0.33	<0.005	<0.5	6.75	5	20	<0.5	<2	5.23	0.9	36	137	58		9.07
S411970		0.31	<0.005	<0.5	6.68	16	30	<0.5	2	4.65	<0.5	47	3	8		12.80
S411971		0.61	<0.005	<0.5	0.76	<5	<10	<0.5	<2	1.80	<0.5	3	18	6		2.38
S411972		0.36	<0.005	<0.5	1.54	<5	<10	<0.5	<2	0.91	<0.5	9	26	2		4.46
S437601		0.47	<0.005	<0.5	5.34	28	110	1.4	<2	0.71	<0.5	3	19	7		3.40
S437602		0.49	<0.005	<0.5	0.41	<5	20	<0.5	<2	0.02	<0.5	2	23	1		1.59
S437603		0.39	<0.005	<0.5	7.63	<5	940	1.9	<2	0.36	<0.5	18	92	185		5.61
S437604		0.50	<0.005	<0.5	6.20	6	90	0.9	<2	1.08	<0.5	7	8	26		9.95
S437605		0.32	<0.005	<0.5	6.04	<5	300	1.6	<2	1.54	<0.5	2	13	2		5.06
S437606		0.29	0.011	<0.5	3.92	<5	50	0.8	<2	0.69	<0.5	5	13	8		6.17
S437607		0.29	0.012	<0.5	6.40	5	40	1.0	<2	1.23	<0.5	11	11	68		7.96
S437608		0.51	0.006	<0.5	7.72	<5	650	1.6	<2	0.42	<0.5	18	86	220		6.12
S437609		0.38	<0.005	<0.5	6.16	<5	230	1.4	<2	0.46	<0.5	2	44	2		2.33
S437610		0.42	<0.005	<0.5	1.80	<5	30	<0.5	<2	0.16	<0.5	3	23	1		2.44

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Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411943		<10	0.03	<10	0.11	162	1	1.33	3	120	<2	0.18	<5	2	17	<20
S411944		<10	0.02	<10	0.06	187	1	0.43	1	90	<2	0.90	<5	2	8	<20
S411945		10	0.04	10	0.17	437	<1	3.58	<1	560	2	3.24	<5	16	58	<20
S411946		20	0.03	10	0.17	404	1	2.75	<1	300	4	1.20	<5	10	73	<20
S411947		20	0.08	10	0.05	272	1	3.66	<1	660	5	0.28	<5	16	102	<20
S411948		<10	0.04	<10	0.14	524	1	0.06	<1	120	22	0.05	<5	<1	3	<20
S411949		10	0.08	<10	3.89	1290	1	3.48	72	360	<2	0.45	<5	40	38	<20
S411950		10	0.02	10	2.01	3850	<1	1.00	7	290	2	0.10	<5	20	66	<20
S411951		<10	0.18	<10	0.10	158	1	0.42	3	50	216	0.01	<5	1	14	<20
S411952		<10	0.25	<10	0.08	82	1	0.58	5	50	103	0.02	<5	1	18	<20
S411953		20	0.93	40	1.02	271	<1	5.10	61	420	<2	0.02	<5	11	118	<20
S411954		20	1.74	<10	2.09	2680	<1	0.21	5	390	3	0.33	<5	64	60	<20
S411955		20	0.03	10	1.87	1770	<1	0.38	2	310	9	0.25	<5	47	294	<20
S411956		<10	0.74	10	1.49	4480	<1	0.16	13	1040	3	1.46	<5	2	45	<20
S411957		<10	0.01	<10	0.08	170	1	0.02	1	40	<2	0.03	<5	<1	3	<20
S411958		<10	0.01	<10	0.72	6340	<1	0.01	1	110	<2	0.12	<5	<1	4	<20
S411959		10	0.08	10	0.22	415	1	4.08	<1	640	<2	0.70	<5	10	54	<20
S411960		20	2.13	40	2.24	799	1	2.02	64	1180	14	0.05	<5	26	455	<20
S411961		<10	0.01	<10	0.24	214	1	0.07	3	20	<2	0.02	<5	9	3	<20
S411962		20	0.14	10	0.43	676	1	3.61	<1	630	<2	0.32	<5	15	64	<20
S411963		20	0.09	10	0.15	382	1	3.44	<1	880	6	3.04	<5	25	102	<20
S411964		20	0.10	10	4.01	1410	<1	1.35	89	490	<2	0.13	<5	43	139	<20
S411965		<10	0.51	10	0.25	2500	11	0.03	25	510	67	1.29	<5	2	23	<20
S411966		<10	0.02	<10	0.01	78	2	0.01	2	50	<2	0.02	<5	<1	2	<20
S411967		<10	0.01	<10	<0.01	121	1	<0.01	1	40	<2	0.06	<5	<1	<1	<20
S411968		10	0.12	<10	2.25	794	<1	0.81	61	160	<2	0.11	<5	20	42	<20
S411969		10	0.04	<10	3.74	1210	1	1.66	75	370	<2	0.17	<5	32	55	<20
S411970		20	0.31	10	2.99	2000	<1	1.17	<1	510	<2	0.01	<5	44	53	<20
S411971		<10	0.01	<10	0.33	444	1	0.01	1	20	<2	0.01	<5	5	6	<20
S411972		10	0.01	<10	0.54	594	1	0.08	<1	20	<2	0.01	<5	10	5	<20
S437601		20	0.26	10	0.26	621	<1	3.48	<1	310	<2	0.05	<5	16	43	<20
S437602		<10	0.01	<10	0.01	422	<1	0.31	1	40	<2	0.01	<5	2	7	<20
S437603		20	3.41	20	0.94	304	7	2.72	64	150	3	1.77	<5	10	112	<20
S437604		20	0.13	10	0.52	1630	1	2.92	1	1190	<2	0.21	<5	24	71	<20
S437605		30	0.74	10	0.28	859	1	3.17	<1	210	<2	0.04	<5	11	101	<20
S437606		10	0.12	<10	0.43	1280	1	1.67	1	530	3	0.11	<5	17	37	<20
S437607		20	0.09	10	0.43	1285	1	3.52	<1	1250	<2	0.64	<5	22	64	<20
S437608		20	2.15	20	0.85	361	8	3.51	42	280	4	1.13	<5	10	53	<20
S437609		10	1.05	10	0.52	215	1	3.84	6	110	<2	0.02	<5	5	79	<20
S437610		10	0.05	<10	0.26	517	<1	0.85	2	50	<2	0.01	<5	1	4	<20

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Projet: WILLBOB PROJECT

Finalisée date:
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Compte: MIDEXP

CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411943		0.07	<10	<10	4	<10	5
S411944		0.09	<10	<10	3	<10	3
S411945		0.29	<10	<10	8	<10	15
S411946		0.26	<10	<10	5	<10	15
S411947		0.46	<10	<10	9	<10	3
S411948		<0.01	<10	<10	18	<10	53
S411949		0.74	<10	<10	359	<10	99
S411950		0.42	<10	<10	316	<10	78
S411951		0.02	<10	<10	13	<10	15
S411952		0.07	<10	<10	8	<10	7
S411953		0.33	<10	<10	72	<10	105
S411954		1.82	<10	<10	560	<10	111
S411955		0.89	<10	<10	499	<10	102
S411956		0.04	<10	<10	22	<10	58
S411957		0.01	<10	<10	6	<10	5
S411958		<0.01	<10	<10	5	<10	3
S411959		0.35	<10	<10	2	<10	16
S411960		0.69	10	<10	189	<10	116
S411961		0.01	<10	<10	7	<10	12
S411962		0.32	<10	<10	6	<10	28
S411963		0.51	10	<10	10	<10	10
S411964		0.80	<10	<10	385	<10	100
S411965		0.04	<10	<10	207	<10	395
S411966		<0.01	<10	<10	14	<10	2
S411967		<0.01	<10	<10	5	<10	61
S411968		0.31	<10	10	168	<10	58
S411969		0.61	<10	<10	303	<10	321
S411970		1.13	10	<10	399	<10	124
S411971		0.02	<10	<10	15	<10	20
S411972		0.19	<10	<10	21	<10	36
S437601		0.25	<10	<10	3	<10	26
S437602		0.01	<10	<10	2	<10	7
S437603		0.27	<10	<10	194	<10	21
S437604		0.65	<10	<10	3	<10	54
S437605		0.21	<10	<10	2	<10	47
S437606		0.33	<10	<10	7	<10	34
S437607		0.61	<10	<10	4	<10	43
S437608		0.27	<10	<10	174	<10	25
S437609		0.17	<10	<10	63	<10	12
S437610		0.03	<10	<10	10	<10	46

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Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001	ME- ICP61 Fe % 0.01
S437611		0.57	<0.005	<0.5	2.40	<5	30	<0.5	<2	0.28	<0.5	4	30	1		2.28
S437612		0.38	<0.005	<0.5	6.46	<5	40	1.9	<2	3.78	<0.5	7	9	4		4.41
S437613		0.52	0.009	<0.5	1.31	323	50	<0.5	<2	0.03	<0.5	167	33	209		36.6
S437614		0.48	0.034	<0.5	2.53	35	20	0.5	<2	1.51	<0.5	6	19	2		4.16
S437615		0.48	<0.005	<0.5	5.96	10	100	1.2	<2	2.44	0.8	16	7	11		9.79
S437616		0.58	<0.005	<0.5	6.64	11	30	1.3	<2	0.98	0.5	13	5	84		12.40
S437617		0.37	0.042	<0.5	6.49	15	80	1.7	<2	1.40	0.7	16	5	54		11.05
S437618		0.48	0.009	<0.5	6.50	<5	<10	<0.5	<2	4.44	0.6	38	11	238		6.71
S437619		0.54	0.013	<0.5	8.18	<5	220	0.5	<2	9.03	0.6	48	8	48		4.79
S437620		0.33	<0.005	<0.5	7.75	<5	1170	1.3	<2	2.60	<0.5	22	95	46		5.97
S437621		0.35	<0.005	<0.5	6.64	5	50	<0.5	<2	4.88	1.1	56	120	240		9.24
S437622		0.52	<0.005	0.5	4.29	12	<10	<0.5	<2	2.36	0.5	32	80	360		7.60
S437623		0.42	0.044	<0.5	5.96	<5	10	0.8	<2	0.57	<0.5	37	61	858		13.10
S437624		0.51	0.679	0.7	2.34	34	10	<0.5	<2	0.40	<0.5	54	49	1275		5.69
S437625		0.45	0.668	7.7	5.04	99	10	<0.5	<2	1.17	10.1	113	153	>10000	1.460	7.82
S437626		0.40	<0.005	<0.5	5.38	<5	320	0.7	<2	2.03	0.6	26	80	55		6.57
S437627		0.38	0.015	<0.5	6.97	15	<10	<0.5	<2	0.82	0.6	60	144	505		11.10
S437628		0.35	0.005	<0.5	8.20	5	10	0.5	<2	0.75	<0.5	29	176	615		4.69
S437629		0.46	0.006	<0.5	6.79	12	<10	<0.5	<2	0.76	1.1	74	174	410		14.90
S437630		0.33	0.012	<0.5	6.12	22	<10	<0.5	<2	0.61	0.6	101	143	352		13.65
S437631		0.38	<0.005	<0.5	7.60	<5	<10	0.5	<2	0.65	<0.5	35	163	852		11.70
S437632		0.65	0.065	0.7	2.97	23	<10	<0.5	3	0.20	0.6	300	48	5690		35.4
S437633		0.57	0.008	<0.5	2.89	<5	<10	<0.5	<2	0.35	0.5	125	47	5590		32.9
S437634		0.62	0.026	<0.5	3.19	<5	<10	<0.5	<2	0.42	<0.5	115	57	3830		25.7
S437635		0.43	<0.005	<0.5	1.34	<5	<10	<0.5	<2	1.31	<0.5	8	42	46		2.65
S437636		0.46	0.081	<0.5	6.19	<5	10	<0.5	<2	4.06	1.1	111	75	1845		16.75
S437637		0.38	<0.005	<0.5	8.56	5	20	<0.5	<2	4.54	1.3	15	201	110		16.65
S437638		0.40	<0.005	<0.5	7.03	20	<10	<0.5	<2	8.61	0.8	44	139	165		8.94
S437639		0.46	<0.005	<0.5	1.64	<5	<10	<0.5	<2	2.38	<0.5	60	27	225		5.07
S437640		0.11	4.01	0.8	7.00	37	600	0.8	<2	2.52	1.1	19	63	151		5.31
S437641		0.28	0.039	<0.5	5.19	<5	10	<0.5	<2	4.21	0.8	50	16	120		9.45
S437642		0.43	<0.005	<0.5	2.21	<5	<10	<0.5	<2	1.31	<0.5	21	21	28		5.76
S437643		0.47	<0.005	<0.5	0.61	<5	<10	<0.5	<2	0.06	<0.5	3	26	12		1.44
S437644		0.43	<0.005	<0.5	6.94	<5	<10	<0.5	<2	4.82	1.6	67	9	233		14.85
S437645		0.41	<0.005	<0.5	0.13	<5	10	<0.5	<2	0.04	<0.5	3	18	45		6.81
S437646		0.32	<0.005	<0.5	1.45	<5	40	<0.5	<2	5.82	<0.5	5	52	22		1.80
S437647		0.37	0.205	<0.5	1.76	<5	<10	<0.5	<2	1.30	<0.5	13	26	39		3.50
S437648		0.58	0.055	<0.5	6.87	<5	<10	<0.5	<2	8.48	0.8	68	5	131		13.75
S437649		0.33	0.019	0.5	8.14	<5	50	<0.5	<2	8.14	1.2	117	25	2310		8.84
S437650		0.27	0.033	<0.5	6.87	21	20	<0.5	<2	5.55	1.4	27	139	44		14.65

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CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S437611		10	0.10	10	0.26	502	1	1.33	6	70	<2	0.02	<5	2	12	<20
S437612		20	0.15	10	0.43	1130	<1	2.79	1	370	7	0.10	<5	27	125	<20
S437613		<10	0.36	<10	0.15	78	12	0.01	207	50	26	>10.0	<5	3	2	<20
S437614		10	0.05	<10	0.28	819	1	1.14	<1	390	2	0.14	<5	10	21	<20
S437615		20	0.94	<10	0.91	1910	<1	1.89	<1	990	3	0.20	5	29	102	<20
S437616		30	0.11	10	0.75	1925	3	2.46	<1	2040	2	0.55	<5	21	77	<20
S437617		20	0.33	10	0.54	2080	1	2.66	<1	1430	2	0.61	<5	30	140	<20
S437618		20	0.02	<10	1.98	996	1	1.50	11	880	3	0.58	<5	30	56	<20
S437619		20	2.03	<10	2.65	983	<1	1.27	46	130	<2	0.13	<5	25	18	<20
S437620		20	2.16	30	1.90	655	1	2.26	59	960	16	0.12	<5	19	446	<20
S437621		10	0.15	<10	6.12	1440	<1	1.22	211	310	6	0.13	<5	22	71	<20
S437622		10	0.01	<10	3.63	1020	<1	0.15	240	420	4	0.71	<5	15	34	<20
S437623		30	0.03	10	3.15	724	8	1.88	105	1040	6	4.58	<5	23	10	<20
S437624		10	0.01	10	1.94	552	1	0.01	33	230	7	0.75	<5	13	12	<20
S437625		10	0.02	<10	2.93	767	1	0.93	67	120	<2	1.75	<5	31	23	<20
S437626		10	0.54	<10	3.39	1220	<1	0.56	55	120	3	0.02	<5	20	13	<20
S437627		20	0.01	<10	4.11	958	12	1.66	48	570	7	0.81	<5	38	29	<20
S437628		20	0.03	20	2.01	541	10	5.64	84	750	7	0.74	<5	25	15	<20
S437629		20	<0.01	10	6.09	1555	1	0.16	103	740	6	1.31	<5	27	5	<20
S437630		20	0.01	<10	5.31	1170	2	0.41	52	440	<2	1.93	<5	26	6	<20
S437631		20	0.01	<10	4.29	1090	4	2.43	92	810	<2	1.92	<5	32	11	<20
S437632		10	0.01	<10	1.67	432	20	0.77	194	140	9	>10.0	<5	9	6	<20
S437633		10	0.01	<10	1.33	397	20	0.81	216	160	13	>10.0	<5	6	8	<20
S437634		10	0.01	10	1.01	413	21	1.47	203	290	7	>10.0	5	8	8	<20
S437635		<10	0.01	<10	0.71	429	1	0.26	17	180	<2	0.22	<5	5	9	<20
S437636		20	<0.01	20	2.57	992	10	0.01	192	610	14	8.09	<5	28	74	<20
S437637		30	0.02	10	4.31	1750	9	0.02	13	710	5	0.40	<5	56	100	<20
S437638		20	0.01	<10	4.36	1410	1	0.16	67	390	<2	0.32	<5	46	64	<20
S437639		10	0.01	<10	0.64	547	1	0.02	6	60	<2	0.78	<5	14	26	<20
S437640		20	1.13	10	1.53	875	7	2.26	40	770	50	0.15	<5	16	277	<20
S437641		20	0.05	<10	1.52	1165	1	0.04	8	50	6	0.21	<5	20	86	<20
S437642		10	0.01	<10	0.86	753	1	0.38	2	20	<2	0.07	<5	12	7	<20
S437643		<10	0.01	<10	0.15	196	<1	0.29	<1	50	<2	0.04	<5	2	2	<20
S437644		20	0.02	<10	2.57	1715	1	0.02	3	120	4	1.10	<5	62	66	<20
S437645		<10	0.04	<10	0.06	1760	1	0.01	6	60	<2	0.45	<5	1	1	<20
S437646		<10	0.04	<10	0.12	1010	1	0.10	6	80	<2	0.04	<5	7	80	<20
S437647		<10	<0.01	<10	1.35	393	1	0.01	12	20	<2	0.02	<5	11	24	<20
S437648		20	0.01	<10	4.75	1320	<1	0.04	77	90	<2	0.54	<5	39	206	<20
S437649		20	0.25	<10	4.09	1375	1	1.29	326	120	<2	1.82	<5	41	84	<20
S437650		30	0.02	20	6.94	1155	2	0.03	155	380	52	0.15	<5	12	119	<20

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Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S437611		0.05	<10	<10	13	<10	20
S437612		0.90	<10	<10	17	<10	22
S437613		0.10	<10	<10	44	<10	51
S437614		0.25	<10	<10	6	<10	26
S437615		0.75	10	<10	6	<10	53
S437616		0.54	<10	<10	5	<10	67
S437617		0.74	10	<10	8	<10	56
S437618		1.03	<10	<10	142	<10	55
S437619		0.24	<10	<10	222	<10	42
S437620		0.56	<10	<10	151	<10	105
S437621		0.40	<10	<10	209	<10	116
S437622		0.30	10	<10	187	<10	96
S437623		0.38	<10	10	183	<10	100
S437624		0.12	<10	<10	104	<10	52
S437625		0.42	10	<10	184	<10	192
S437626		0.27	<10	<10	207	<10	59
S437627		0.63	<10	<10	316	<10	70
S437628		0.81	<10	<10	182	<10	43
S437629		0.67	<10	<10	345	<10	120
S437630		0.57	<10	<10	304	<10	77
S437631		0.68	10	<10	288	<10	36
S437632		0.22	<10	10	133	<10	27
S437633		0.23	<10	10	116	<10	25
S437634		0.29	<10	10	133	<10	16
S437635		0.13	<10	<10	55	<10	26
S437636		0.71	10	<10	305	<10	80
S437637		1.19	<10	<10	519	<10	174
S437638		0.69	<10	<10	351	<10	84
S437639		0.31	<10	<10	270	<10	27
S437640		0.38	<10	<10	146	40	294
S437641		0.99	10	<10	182	<10	78
S437642		0.40	<10	<10	162	<10	44
S437643		0.14	<10	<10	43	<10	7
S437644		2.20	10	<10	215	<10	124
S437645		0.02	<10	<10	7	<10	72
S437646		0.14	<10	<10	56	<10	10
S437647		0.15	<10	<10	302	<10	25
S437648		0.65	<10	<10	1435	<10	76
S437649		0.26	<10	<10	218	<10	90
S437650		0.39	<10	<10	157	<10	223

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www.alsglobal.com/geochemistry

À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
23- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001	ME- ICP61 Fe % 0.01
S437651		0.37	<0.005	<0.5	7.76	<5	1270	0.9	<2	2.84	<0.5	21	94	32		5.81
S437652		0.59	<0.005	<0.5	3.81	9	10	<0.5	<2	2.39	0.5	46	12	232		8.57
S437653		0.46	<0.005	<0.5	7.99	<5	10	<0.5	<2	6.73	0.6	32	22	46		9.48
S437654		0.70	0.006	<0.5	7.32	238	190	0.5	<2	4.38	0.6	67	137	70		11.60
S437655		0.63	<0.005	<0.5	5.73	229	250	0.9	<2	5.14	0.9	41	124	73		7.86
S437656		0.42	<0.005	<0.5	7.38	17	40	<0.5	3	3.45	1.2	72	41	212		16.90
S437657		0.39	<0.005	<0.5	6.18	<5	10	<0.5	<2	9.03	<0.5	24	12	151		5.14
S437658		0.51	<0.005	<0.5	1.52	8	40	<0.5	<2	1.53	<0.5	4	33	3		1.08
S437659		0.34	<0.005	<0.5	10.05	101	510	2.6	<2	1.34	<0.5	13	78	14		4.00
S437660		0.11	3.76	0.7	6.83	31	580	0.8	<2	2.46	1.1	17	61	143		5.09
S437661		0.38	0.009	<0.5	8.92	136	500	2.6	<2	1.17	<0.5	11	69	7		3.27
S437662		0.40	<0.005	<0.5	1.25	15	20	<0.5	<2	1.02	<0.5	4	24	1		1.21
S437663		0.40	<0.005	<0.5	7.62	<5	20	<0.5	<2	4.05	0.5	51	164	334		11.10
S437664		0.31	<0.005	<0.5	7.45	14	10	0.6	<2	3.77	0.6	57	187	18		12.55
S437665		0.57	0.006	<0.5	3.93	<5	10	<0.5	<2	6.81	1.0	80	91	956		8.88
S437666		0.47	<0.005	<0.5	0.05	<5	<10	<0.5	<2	0.03	<0.5	1	21	15		0.87
S437667		0.43	<0.005	<0.5	1.95	5	120	0.8	<2	0.27	0.9	7	36	127		11.50
S437668		0.50	<0.005	<0.5	0.13	<5	10	<0.5	<2	0.01	<0.5	1	31	24		1.32
S437669		0.51	<0.005	<0.5	0.14	<5	10	<0.5	<2	0.01	0.6	45	19	131		8.61
S437670		0.45	<0.005	<0.5	7.83	<5	330	1.5	<2	0.79	1.2	9	77	18		20.00
S437671		0.47	<0.005	<0.5	0.05	<5	<10	<0.5	<2	0.01	<0.5	1	35	5		1.71
S437672		0.41	<0.005	<0.5	6.49	<5	90	1.0	<2	0.78	<0.5	1	16	18		0.64
S437673		0.48	<0.005	<0.5	0.16	<5	<10	<0.5	<2	0.60	<0.5	2	25	37		1.55
S437674		0.46	<0.005	<0.5	6.46	<5	100	0.5	<2	2.18	<0.5	5	11	5		6.11
S437675		0.44	<0.005	<0.5	6.88	13	180	<0.5	<2	7.06	<0.5	18	14	105		7.38
S437676		0.32	4.27	<0.5	5.35	<5	20	0.5	<2	0.44	<0.5	11	11	246		5.34
S437677		0.46	0.021	<0.5	0.34	<5	<10	<0.5	<2	0.06	<0.5	1	31	14		1.12
S437678		0.40	0.107	<0.5	0.01	<5	<10	<0.5	<2	<0.01	<0.5	5	33	13		2.45
S437679		0.40	<0.005	<0.5	7.59	51	30	<0.5	<2	2.40	0.5	58	19	298		11.70
S437680		0.43	0.007	<0.5	7.30	<5	740	1.1	<2	3.14	0.5	28	129	106		7.73
S437681		0.51	<0.005	<0.5	0.95	<5	10	<0.5	<2	2.39	<0.5	5	26	17		1.93
S437682		0.42	<0.005	<0.5	1.74	<5	20	<0.5	<2	25.7	0.5	18	4	8		5.53
S437683		0.48	<0.005	<0.5	1.08	<5	60	<0.5	<2	0.25	<0.5	5	22	21		1.12
S437684		0.44	<0.005	<0.5	6.70	<5	10	<0.5	<2	5.46	0.6	56	2	29		14.40
S437685		0.56	0.007	<0.5	6.12	<5	160	0.6	<2	5.19	<0.5	40	7	210		10.60
S437686		0.39	<0.005	<0.5	0.15	<5	<10	<0.5	<2	0.12	<0.5	2	26	159		1.33
S437687		0.50	0.858	<0.5	6.63	<5	40	<0.5	<2	1.53	1.1	40	4	406		13.95
S437701		0.55	<0.005	<0.5	6.87	<5	20	<0.5	<2	1.74	0.6	28	2	246		14.10
S437702		0.50	0.156	<0.5	5.83	<5	120	0.5	<2	1.72	<0.5	20	7	200		9.89
S437703		0.53	0.078	<0.5	5.70	<5	70	0.7	<2	3.37	<0.5	23	8	113		9.36

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date:
23- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S437651		20	1.75	30	2.04	599	1	2.40	51	690	13	0.07	<5	17	589	<20
S437652		10	0.01	<10	2.57	1500	<1	0.02	43	50	<2	0.10	<5	2	11	<20
S437653		20	0.05	<10	2.40	1340	<1	0.94	31	160	<2	0.03	<5	26	166	<20
S437654		20	2.38	<10	4.15	1430	<1	1.33	290	290	4	0.02	<5	24	67	<20
S437655		10	2.79	<10	4.20	1335	<1	0.30	170	320	2	0.02	<5	30	74	<20
S437656		20	0.15	<10	3.18	1495	<1	1.34	129	450	<2	0.02	<5	53	81	<20
S437657		20	0.04	<10	2.12	1045	<1	0.25	41	180	<2	0.01	<5	30	140	<20
S437658		<10	0.25	10	0.05	465	1	0.78	5	70	71	0.01	<5	3	46	<20
S437659		20	2.93	50	0.38	1025	<1	3.78	39	530	7	0.07	<5	11	121	20
S437660		20	1.10	10	1.48	832	7	2.15	41	710	47	0.14	10	16	266	<20
S437661		20	3.01	40	0.22	1365	<1	2.97	31	220	98	0.03	<5	13	94	<20
S437662		<10	0.07	10	0.03	460	1	0.91	5	180	4	0.01	<5	1	46	<20
S437663		20	0.07	10	3.68	1180	1	2.12	77	610	<2	0.47	<5	45	81	<20
S437664		20	0.01	10	6.56	5010	<1	0.17	132	650	<2	0.11	<5	40	34	<20
S437665		10	0.06	<10	8.98	1700	<1	0.24	230	90	2	0.51	<5	46	25	<20
S437666		<10	<0.01	<10	0.04	80	<1	0.01	1	10	<2	0.02	<5	<1	3	<20
S437667		10	0.95	10	0.65	6220	16	0.02	20	1190	6	0.12	<5	4	11	<20
S437668		<10	0.06	<10	0.04	253	1	0.01	3	50	<2	0.05	<5	<1	2	<20
S437669		<10	0.04	<10	0.03	511	1	0.01	69	40	<2	4.10	<5	<1	2	<20
S437670		30	2.60	30	3.52	14250	12	0.02	41	2510	7	0.10	<5	14	22	<20
S437671		<10	0.02	<10	0.01	123	1	<0.01	<1	30	2	0.04	<5	<1	2	<20
S437672		10	0.94	10	0.07	114	1	4.89	<1	410	<2	0.05	<5	11	59	<20
S437673		<10	0.01	<10	0.07	207	1	0.02	<1	10	<2	0.04	<5	2	4	<20
S437674		20	0.24	10	1.23	1140	1	3.16	<1	850	<2	0.01	<5	18	52	<20
S437675		20	1.53	20	0.90	901	1	0.09	<1	930	8	0.16	<5	21	290	<20
S437676		10	0.05	10	0.08	349	<1	3.73	<1	510	3	1.13	<5	9	37	<20
S437677		<10	0.01	<10	0.01	104	1	0.20	<1	20	<2	0.03	<5	1	4	<20
S437678		<10	<0.01	<10	0.01	328	1	0.01	11	10	<2	0.99	<5	<1	1	<20
S437679		20	0.09	10	3.56	1380	<1	1.94	39	570	5	0.22	<5	43	51	<20
S437680		20	1.54	30	2.55	1140	1	1.90	73	910	10	0.18	<5	35	404	<20
S437681		<10	0.01	<10	0.48	355	1	0.21	6	110	332	0.03	<5	6	19	<20
S437682		10	0.07	20	1.08	2420	<1	0.03	<1	40	<2	0.02	<5	13	126	<20
S437683		<10	0.28	10	0.12	98	1	0.38	9	450	<2	0.10	<5	1	12	<20
S437684		20	0.05	10	3.79	1885	1	1.66	23	340	<2	0.05	<5	62	53	<20
S437685		20	0.50	20	0.84	1695	<1	2.00	2	1550	<2	0.86	<5	25	224	<20
S437686		<10	0.01	<10	0.08	137	<1	0.02	1	10	<2	0.03	<5	<1	2	<20
S437687		20	0.06	10	1.59	1125	<1	2.48	<1	1300	4	0.75	<5	45	26	<20
S437701		20	0.05	<10	2.33	1535	1	1.60	<1	470	4	0.22	<5	50	46	<20
S437702		10	0.30	10	0.66	1245	1	3.05	<1	2030	4	1.51	<5	35	50	<20
S437703		20	0.16	10	0.58	1295	<1	2.60	<1	1770	2	0.37	<5	30	62	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Projet: WILLBOB PROJECT

Finalisée date:
23- AOUT- 2018
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO18188953

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S437651		0.57	<10	<10	163	<10	112
S437652		0.01	<10	<10	115	<10	109
S437653		0.50	<10	<10	311	<10	94
S437654		0.12	<10	<10	200	<10	97
S437655		0.25	<10	<10	237	<10	58
S437656		1.91	<10	<10	1625	<10	143
S437657		0.28	<10	<10	189	<10	43
S437658		0.04	<10	<10	15	<10	4
S437659		0.25	<10	<10	78	<10	48
S437660		0.37	<10	<10	140	40	277
S437661		0.21	<10	<10	79	<10	63
S437662		0.04	<10	<10	5	<10	8
S437663		0.79	<10	<10	392	<10	116
S437664		0.89	<10	<10	519	<10	392
S437665		0.22	<10	<10	199	<10	75
S437666		<0.01	<10	<10	4	<10	3
S437667		0.08	10	<10	183	<10	138
S437668		0.01	<10	<10	15	<10	27
S437669		0.01	<10	<10	10	<10	97
S437670		0.36	10	<10	339	<10	584
S437671		<0.01	<10	<10	4	<10	5
S437672		0.33	<10	<10	4	<10	2
S437673		<0.01	<10	<10	3	<10	5
S437674		0.46	<10	<10	33	<10	46
S437675		0.62	<10	<10	86	<10	48
S437676		0.28	<10	<10	2	<10	14
S437677		0.06	<10	<10	2	<10	2
S437678		<0.01	<10	<10	2	<10	47
S437679		1.50	<10	<10	542	<10	93
S437680		0.57	<10	<10	176	<10	113
S437681		0.15	<10	<10	69	<10	13
S437682		0.14	<10	<10	165	<10	59
S437683		0.04	<10	<10	10	<10	8
S437684		1.70	<10	<10	1040	<10	128
S437685		0.88	<10	<10	119	<10	46
S437686		0.01	<10	<10	21	<10	8
S437687		1.57	<10	<10	142	<10	84
S437701		1.06	<10	<10	445	<10	96
S437702		0.46	<10	<10	12	<10	58
S437703		0.63	<10	<10	3	<10	58

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
23- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18188953

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	BAG- 01	CRU- 32	LOG- 21	LOG- 23
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au- AA23	Cu- OG62	ME- ICP61	ME- OG62

ALS Canada Ltd.

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À: EXPLORATION MIDLAND INC
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Finalisée date:
22- AOUT- 2018
Compte: MIDEXP

CERTIFICAT VO18194440

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 3 échantillons de reject soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

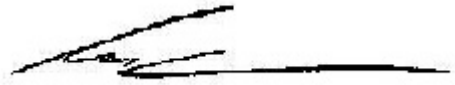
CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 21	Entrée échantillon - Code barre client
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
SCR- 21	Filtrer à - 100 - 106 um
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalisée date:
22- AOUT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18194440

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
X858104		1.55	1.62	25.9	0.79	0.855	33.01	965.6	0.53	1.04
X858119		1.51	0.27	2.48	0.16	0.137	55.24	1025.5	0.09	0.22
X858125		2.51	2.05	26.9	0.70	1.449	53.78	992.7	0.86	0.54

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
22- AOUT- 2018
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18194440

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au- AA25	Au- AA25D	Au- SCR21	

Traité à ALS Timmins, Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applique à la Méthode:	BAG- 01	LOG- 21	PUL- 32	PUL- QC
	SCR- 21	SPL- 21	WEI- 21	

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À: EXPLORATION MIDLAND INC
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Finalisée date: 4- OCT- 2018
Compte: MIDEXP

CERTIFICAT VO18226676

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 3 échantillons de reject soumis à notre laboratoire de Val d'Or, QC, Canada le 27- AOUT- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 21	Entrée échantillon - Code barre client
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
SCR- 21	Filtrer à - 100 - 106 um
FND- 02	Local. échantillon pour analyse suppl.
FND- 03	Localiser rejet par analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 4- OCT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18226676

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
X858009		1.83	3.09	49.7	1.05	3.809	76.60	1745.5	1.06	1.03
X858069		3.17	0.89	9.50	0.64	0.837	88.08	3002	0.77	0.50
X858072		1.06	16.75	177.5	6.14	11.624	65.57	994.0	6.55	5.73

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CERTIFICAT D'ANALYSE VO18226676

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
FND- 02	FND- 03	LOG- 21	PUL- 32
SCR- 21	WEI- 21		

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Finalisée date: 25- OCT- 2018
Compte: MIDEXP

CERTIFICAT VO18246269

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 110 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 2- OCT- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21	Entrée échantillon - Code barre client
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18246269

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S437751		0.61	0.302		<0.5	4.48	<5	10	<0.5	<2	0.79	<0.5	5	26	17	5.55
S437752		0.59	6.64		11.8	6.03	<5	20	0.6	2	1.10	<0.5	9	22	218	8.19
S437753		0.48	3.98		<0.5	5.25	<5	20	0.5	<2	1.48	<0.5	5	21	93	6.01
S437754		0.49	0.385		<0.5	3.92	<5	30	<0.5	<2	0.79	<0.5	16	24	222	6.33
S437755		0.57	0.021		<0.5	6.23	5	20	0.8	<2	1.51	<0.5	7	21	120	4.67
S437756		0.47	0.006		<0.5	6.86	<5	20	<0.5	<2	0.63	<0.5	40	14	342	10.00
S437757		0.63	<0.005		<0.5	5.60	12	210	<0.5	<2	4.41	0.5	26	19	96	7.91
S437758		4.03	0.596		<0.5	6.95	<5	190	0.5	<2	1.87	<0.5	22	17	360	9.54
S437759		3.59	4.06		<0.5	6.42	<5	110	0.5	<2	2.08	<0.5	17	13	354	8.67
S437760		0.36	<0.005		<0.5	7.96	<5	770	1.2	<2	2.79	<0.5	18	87	26	5.28
S437761		3.76	0.247		<0.5	8.02	<5	80	0.6	<2	2.37	<0.5	14	8	243	8.66
S437762		3.16	0.413		<0.5	7.04	<5	130	0.6	3	1.51	<0.5	23	12	440	10.05
S437763		3.07	5.01		<0.5	6.09	<5	80	0.6	<2	1.49	<0.5	24	25	486	8.22
S437764		4.90	4.96		<0.5	6.39	<5	130	<0.5	<2	3.25	<0.5	17	22	363	8.06
S437765		5.42	3.47		<0.5	6.26	<5	160	<0.5	<2	3.10	<0.5	13	16	322	8.10
S437766		4.82	5.03		<0.5	6.40	<5	130	0.5	<2	2.32	<0.5	19	17	418	8.21
S437767		3.18	1.525		<0.5	5.82	<5	60	0.5	<2	0.79	<0.5	12	20	223	8.10
S437768		2.58	6.51		<0.5	1.62	<5	20	<0.5	<2	0.37	<0.5	19	57	224	5.29
S437769		2.92	6.20		<0.5	6.32	<5	270	0.6	<2	1.87	<0.5	14	16	260	7.20
S437770		3.68	3.99		<0.5	5.69	<5	50	<0.5	<2	2.15	<0.5	14	21	259	6.71
S437771		3.39	4.79		<0.5	6.43	<5	120	0.6	<2	0.69	<0.5	9	15	214	6.94
S437772		3.84	2.55		<0.5	6.36	<5	60	0.7	<2	1.71	<0.5	12	15	219	5.41
S437773		4.11	0.023		<0.5	6.20	<5	40	0.6	<2	2.57	<0.5	5	22	53	2.45
S437774		3.69	0.023		<0.5	5.74	<5	50	0.5	<2	0.69	<0.5	21	20	353	6.40
S437775		3.06	0.037		0.8	4.28	<5	50	<0.5	<2	0.47	<0.5	18	35	324	5.10
S437776		3.48	0.022		<0.5	5.45	<5	70	0.7	<2	1.58	<0.5	16	20	271	5.64
S437777		3.46	0.009		<0.5	6.59	<5	40	0.7	<2	2.56	<0.5	10	15	114	3.06
S437778		2.79	0.006		<0.5	5.88	<5	40	0.6	<2	1.86	<0.5	11	21	128	3.86
S437779		2.57	0.012		<0.5	6.21	<5	30	0.6	<2	0.89	<0.5	12	21	188	5.47
S437780		0.11	3.93		0.6	6.98	34	590	0.8	<2	2.43	1.1	18	69	146	5.15
S437781		2.35	0.009		<0.5	6.47	<5	50	0.7	<2	1.55	<0.5	11	17	77	4.13
S437782		1.99	0.064		<0.5	5.15	<5	40	0.5	<2	2.39	<0.5	23	19	164	5.20
S437783		2.56	0.087		<0.5	6.36	<5	70	0.6	<2	0.94	<0.5	20	17	362	7.38
S437784		3.07	0.152		<0.5	5.74	<5	60	0.5	<2	1.10	<0.5	13	18	285	6.02
S437785		3.54	0.813		<0.5	5.79	<5	50	0.6	<2	1.41	<0.5	14	20	270	6.09
S437786		3.19	3.78		<0.5	5.58	<5	70	0.6	<2	1.56	0.6	12	16	251	5.65
S437787		3.40	2.50		<0.5	5.97	<5	70	0.6	<2	0.56	<0.5	13	17	264	5.72
S437788		2.82	3.49		<0.5	6.02	<5	60	0.5	<2	1.08	0.5	16	16	244	6.61
S437789		2.45	0.095		<0.5	6.12	<5	50	0.6	<2	2.12	<0.5	9	16	83	3.40
S437790		3.82	3.20		<0.5	5.82	<5	30	0.7	<2	2.57	<0.5	9	21	144	5.40

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 25- OCT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18246269

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S437751		20	0.04	10	0.10	744	<1	2.30	<1	390	3	0.02	<5	13	30	<20
S437752		20	0.05	10	0.15	909	1	3.10	<1	640	4	0.11	<5	11	55	<20
S437753		20	0.06	10	0.11	713	<1	2.76	<1	360	6	0.25	<5	13	80	<20
S437754		20	0.06	10	0.14	578	<1	1.95	<1	300	2	0.86	<5	7	49	<20
S437755		20	0.04	10	0.11	502	<1	3.61	<1	200	4	0.33	<5	8	79	<20
S437756		20	0.05	10	0.61	817	<1	3.42	<1	990	3	1.00	<5	14	26	<20
S437757		20	1.56	10	1.34	1110	<1	0.06	<1	440	39	0.01	<5	26	164	<20
S437758		20	0.26	10	0.88	1080	<1	3.22	<1	1470	8	1.06	<5	32	73	<20
S437759		20	0.17	10	0.73	1020	<1	3.28	<1	1590	7	0.75	<5	27	72	<20
S437760		20	1.40	40	1.62	648	<1	2.48	41	990	17	0.06	<5	18	517	<20
S437761		20	0.12	10	0.91	1165	<1	4.51	<1	2320	5	0.60	<5	28	91	<20
S437762		20	0.17	10	0.73	980	<1	3.95	<1	1740	5	1.77	<5	38	81	<20
S437763		20	0.12	10	0.34	615	1	3.65	<1	1240	5	2.01	<5	23	81	<20
S437764		20	0.17	10	0.44	931	<1	2.53	<1	1260	8	1.96	<5	27	129	<20
S437765		30	0.33	10	0.41	1010	1	2.20	<1	1230	8	1.36	<5	26	127	<20
S437766		30	0.34	10	0.42	767	<1	2.82	<1	1130	7	1.65	<5	28	108	<20
S437767		10	0.10	<10	0.41	696	<1	3.66	<1	1070	5	0.46	<5	22	63	<20
S437768		10	0.03	<10	0.15	331	<1	0.91	<1	240	4	0.18	<5	7	16	<20
S437769		30	0.34	10	0.33	682	<1	2.77	<1	800	7	0.47	<5	23	149	<20
S437770		20	0.07	10	0.26	826	<1	2.59	1	830	7	0.87	<5	20	107	<20
S437771		20	0.18	10	0.29	449	1	4.06	<1	820	5	0.48	<5	20	69	<20
S437772		10	0.08	10	0.40	696	1	4.15	<1	660	3	0.74	<5	20	71	<20
S437773		10	0.06	10	0.21	665	<1	4.60	<1	630	3	0.24	<5	12	79	<20
S437774		10	0.08	10	0.33	501	1	3.87	1	610	2	1.98	<5	14	51	<20
S437775		10	0.07	10	0.27	390	<1	2.75	2	460	<2	1.65	<5	13	44	<20
S437776		10	0.09	10	0.30	580	<1	3.65	<1	550	4	1.52	<5	15	65	<20
S437777		10	0.06	10	0.21	697	1	4.86	<1	740	6	0.38	<5	10	90	<20
S437778		10	0.06	10	0.32	579	<1	4.00	<1	730	4	0.66	<5	14	71	<20
S437779		10	0.05	10	0.49	579	1	3.92	<1	510	<2	0.77	<5	21	54	<20
S437780		20	1.10	10	1.46	839	7	2.17	41	750	49	0.14	6	16	280	<20
S437781		10	0.07	10	0.39	694	<1	4.32	<1	640	3	0.41	<5	16	60	<20
S437782		10	0.07	10	0.44	783	<1	3.16	<1	740	5	0.19	<5	15	57	<20
S437783		10	0.11	10	0.40	562	<1	4.01	<1	850	5	1.27	<5	17	60	<20
S437784		10	0.10	10	0.27	452	1	3.72	<1	460	5	1.65	<5	14	54	<20
S437785		10	0.09	10	0.19	469	1	3.90	1	400	<2	1.84	<5	12	62	<20
S437786		10	0.12	10	0.23	440	<1	3.78	1	430	4	1.69	<5	13	61	<20
S437787		10	0.12	10	0.22	374	1	4.00	1	520	2	1.61	<5	13	57	<20
S437788		20	0.12	10	0.24	439	<1	3.76	1	780	2	1.49	<5	16	65	<20
S437789		10	0.08	10	0.23	556	<1	4.39	<1	510	2	0.33	<5	10	56	<20
S437790		20	0.06	10	0.17	586	1	3.29	<1	350	3	1.23	<5	9	95	<20

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CERTIFICAT D'ANALYSE VO18246269

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S437751		0.27	<10	<10	1	<10	35
S437752		0.29	<10	<10	1	<10	37
S437753		0.27	<10	<10	1	<10	28
S437754		0.26	<10	<10	3	<10	25
S437755		0.21	<10	<10	1	<10	20
S437756		0.25	<10	<10	1	<10	60
S437757		0.82	<10	<10	249	<10	84
S437758		0.65	<10	<10	18	<10	45
S437759		0.61	10	<10	7	<10	38
S437760		0.43	<10	<10	124	<10	102
S437761		0.86	10	<10	19	<10	46
S437762		0.78	<10	<10	15	<10	37
S437763		0.60	<10	<10	8	<10	20
S437764		0.56	10	<10	2	<10	28
S437765		0.53	<10	<10	1	<10	30
S437766		0.56	10	<10	2	<10	26
S437767		0.49	<10	<10	9	<10	22
S437768		0.08	<10	<10	4	<10	9
S437769		0.45	<10	<10	3	<10	23
S437770		0.42	<10	<10	2	<10	21
S437771		0.45	10	<10	7	<10	19
S437772		0.39	<10	<10	6	<10	23
S437773		0.40	<10	<10	5	<10	14
S437774		0.38	10	<10	7	<10	19
S437775		0.29	<10	<10	6	<10	16
S437776		0.36	<10	<10	6	<10	18
S437777		0.45	10	<10	5	<10	13
S437778		0.43	<10	<10	7	<10	17
S437779		0.32	<10	<10	13	<10	27
S437780		0.36	<10	<10	142	40	284
S437781		0.34	<10	<10	10	<10	23
S437782		0.29	<10	<10	16	<10	25
S437783		0.35	<10	<10	10	<10	23
S437784		0.25	<10	<10	7	<10	17
S437785		0.26	10	<10	4	<10	14
S437786		0.29	10	<10	4	<10	16
S437787		0.30	<10	<10	3	<10	16
S437788		0.37	<10	<10	3	<10	19
S437789		0.29	10	<10	5	<10	17
S437790		0.23	<10	<10	2	<10	18

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CERTIFICAT D'ANALYSE VO18246269

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S437791		4.07	3.13		<0.5	5.78	<5	20	0.5	<2	2.10	<0.5	9	20	100	4.25
S437792		1.99	0.495		<0.5	5.82	<5	40	0.7	<2	0.62	<0.5	14	21	119	4.03
S437793		2.89	0.253		<0.5	5.96	<5	40	0.6	<2	0.74	<0.5	16	20	223	5.02
S437794		3.12	0.056		<0.5	5.09	<5	30	0.6	<2	1.15	<0.5	17	27	147	3.77
S437795		3.08	0.042		<0.5	5.71	<5	30	0.6	<2	1.68	<0.5	14	22	127	4.16
S437796		3.63	0.010		<0.5	5.33	<5	30	0.5	<2	1.71	0.5	13	24	76	4.69
S437797		3.44	0.105		<0.5	5.69	<5	20	0.5	3	1.68	<0.5	15	25	177	5.94
S437798		4.02	0.023		<0.5	5.28	<5	20	0.5	<2	2.14	0.5	11	26	121	4.35
S437799		3.64	2.20		0.9	5.86	<5	100	<0.5	2	3.09	1.2	23	12	362	9.81
S437800		0.37	0.008		<0.5	8.06	<5	920	1.2	<2	3.25	0.6	27	122	78	6.90
S437801		0.94	1.905		<0.5	5.69	<5	20	0.5	<2	1.13	<0.5	6	17	85	6.60
S437802		0.57	0.072		<0.5	5.02	<5	30	0.5	<2	1.22	0.5	6	22	246	5.29
S437803		0.81	0.014		<0.5	6.49	9	80	0.8	<2	1.76	1.0	14	13	559	6.09
S437804		3.00	0.705		<0.5	5.82	<5	110	0.5	<2	2.21	0.7	28	14	620	9.71
S437805		2.29	0.610		<0.5	5.64	<5	110	0.5	<2	3.94	0.6	21	20	506	7.62
S437806		3.90	3.30		<0.5	5.90	<5	40	0.5	<2	2.65	0.8	15	20	399	6.81
S437807		3.36	4.65		<0.5	6.10	<5	70	0.5	<2	3.55	0.9	21	14	459	8.10
S437808		2.69	5.68	4.45	<0.5	6.25	<5	120	0.6	<2	3.22	0.7	25	17	602	7.36
S437809		2.38	1.090		<0.5	4.96	<5	80	0.5	<2	0.87	<0.5	14	23	274	5.90
S437810		1.88	0.039		<0.5	5.09	<5	50	0.6	<2	1.23	0.5	24	23	464	6.24
S437811		4.02	0.076		<0.5	3.52	<5	30	<0.5	<2	0.67	0.6	29	30	506	6.52
S437812		3.58	0.100		<0.5	5.97	<5	70	0.6	<2	2.85	0.6	12	25	300	4.58
S437813		3.19	0.016		<0.5	5.47	<5	40	0.5	<2	4.49	<0.5	10	14	168	3.18
S437814		0.55	1.515		<0.5	5.60	<5	80	<0.5	<2	2.68	1.2	10	10	119	6.57
S437815		0.71	1.395		<0.5	0.33	<5	20	0.5	<2	0.15	<0.5	2	44	20	1.31
S437816		0.56	0.061		<0.5	5.02	<5	10	2.9	<2	4.96	0.6	4	50	30	5.34
S437817		0.55	<0.005		<0.5	0.02	<5	<10	<0.5	<2	0.11	<0.5	1	54	<1	0.45
S437818		0.45	0.005		<0.5	0.10	<5	10	<0.5	<2	0.05	<0.5	2	25	1	0.68
S437819		0.65	0.006		<0.5	6.44	<5	30	<0.5	<2	2.60	0.7	8	18	12	6.48
S437820		0.11	4.13		0.6	6.94	27	600	0.8	3	2.46	1.3	19	63	151	5.20
S437821		0.60	0.010		<0.5	5.45	5	150	0.8	<2	3.27	<0.5	14	31	30	8.26
S437822		0.49	<0.005		<0.5	5.30	<5	20	1.4	<2	3.04	<0.5	2	28	11	2.48
S437823		0.41	0.045		<0.5	5.97	<5	190	0.8	<2	4.28	<0.5	10	8	5	10.70
S437824		4.31	<0.005		<0.5	6.33	6	130	1.1	2	1.89	<0.5	6	5	<1	8.81
S437825		3.48	0.009		<0.5	6.44	<5	130	1.3	<2	2.12	<0.5	5	6	7	8.68
S437826		2.10	0.076		<0.5	6.21	5	170	1.5	<2	4.59	<0.5	6	5	42	8.16
S437827		1.82	0.007		<0.5	6.23	6	170	1.6	<2	3.99	<0.5	4	4	3	8.56
S437828		2.20	<0.005		<0.5	6.31	<5	210	1.6	<2	3.24	<0.5	5	4	<1	8.67
S437829		4.69	0.005		<0.5	6.39	<5	170	1.4	<2	3.89	<0.5	4	5	20	7.79
S437830		3.12	0.006		<0.5	6.78	7	190	1.7	<2	2.08	<0.5	6	4	1	8.48

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Finalisée date: 25- OCT- 2018
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CERTIFICAT D'ANALYSE VO18246269

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S437791		20	0.05	20	0.10	492	1	3.36	1	240	5	0.75	<5	10	94	<20
S437792		10	0.09	10	0.10	358	<1	4.12	1	250	4	0.21	<5	9	49	<20
S437793		10	0.10	10	0.10	302	1	4.14	<1	260	2	1.00	<5	9	56	<20
S437794		10	0.06	10	0.12	334	<1	3.51	<1	210	2	0.81	<5	8	48	<20
S437795		10	0.05	10	0.21	442	<1	3.72	<1	320	3	0.88	<5	10	54	<20
S437796		10	0.05	10	0.37	538	1	3.19	<1	350	2	0.82	<5	13	48	<20
S437797		10	0.04	10	0.24	382	1	3.45	1	390	3	2.12	<5	12	59	<20
S437798		10	0.04	10	0.18	380	1	3.26	1	260	2	1.34	<5	11	59	<20
S437799		20	0.12	10	0.56	1240	<1	2.89	1	2140	3	2.12	<5	24	67	<20
S437800		20	1.80	20	2.38	803	2	2.43	74	1330	16	0.18	<5	24	595	<20
S437801		20	0.08	10	0.19	800	1	3.13	1	290	2	0.17	<5	14	57	<20
S437802		20	0.09	10	0.29	718	1	2.78	<1	300	2	0.47	<5	12	53	<20
S437803		20	2.04	10	1.26	801	<1	2.63	1	800	4	0.16	<5	13	162	<20
S437804		10	0.12	10	0.56	904	1	3.46	1	1760	<2	3.31	<5	24	61	<20
S437805		10	0.14	10	0.56	1140	<1	3.30	1	1290	3	2.20	<5	24	68	<20
S437806		20	0.09	10	0.22	553	1	3.12	<1	740	6	1.48	<5	22	84	<20
S437807		20	0.13	10	0.32	701	1	3.17	<1	700	2	2.72	<5	25	87	<20
S437808		20	0.25	10	0.32	714	1	3.49	<1	1200	3	1.75	<5	21	98	<20
S437809		10	0.13	10	0.29	527	<1	2.99	2	720	2	0.49	<5	16	60	<20
S437810		10	0.07	10	0.17	517	1	3.76	1	580	2	2.12	<5	9	52	<20
S437811		10	0.04	<10	0.09	406	<1	2.66	1	460	3	1.56	<5	5	34	<20
S437812		10	0.09	10	0.44	739	<1	3.99	1	510	<2	0.75	<5	14	67	<20
S437813		10	0.06	10	0.26	775	1	3.97	1	250	<2	0.70	<5	9	72	<20
S437814		20	0.15	10	0.51	823	2	2.16	3	1830	114	0.12	<5	49	118	<20
S437815		<10	0.04	<10	0.05	258	1	0.04	2	90	14	0.01	<5	2	8	<20
S437816		10	0.03	10	0.46	4840	1	1.00	1	630	3	0.26	<5	15	71	<20
S437817		<10	<0.01	<10	<0.01	62	<1	0.01	1	<10	<2	<0.01	<5	<1	<1	<20
S437818		<10	0.02	<10	0.01	171	<1	0.02	2	<10	<2	<0.01	<5	<1	2	<20
S437819		20	0.09	10	0.83	929	1	3.13	3	1570	<2	0.16	<5	33	43	<20
S437820		10	1.10	10	1.51	857	7	2.21	43	740	49	0.14	<5	16	266	<20
S437821		20	0.39	10	0.41	1505	<1	2.11	2	920	3	0.60	<5	24	124	<20
S437822		20	0.07	10	0.19	593	<1	2.48	1	370	2	0.06	<5	16	50	<20
S437823		20	0.44	10	0.51	1690	<1	1.70	<1	1960	<2	0.02	<5	32	178	<20
S437824		30	0.27	10	0.79	1235	<1	2.83	<1	680	2	<0.01	<5	23	108	<20
S437825		30	0.30	10	0.63	1210	<1	2.94	3	610	3	0.05	<5	23	124	<20
S437826		30	0.32	10	0.22	1135	1	1.95	1	630	4	0.35	<5	22	297	<20
S437827		30	0.37	10	0.27	1290	<1	2.24	<1	560	3	0.02	<5	22	280	<20
S437828		30	0.38	10	0.32	1370	<1	2.68	<1	540	6	<0.01	<5	22	195	<20
S437829		30	0.29	10	0.27	1125	<1	2.56	1	630	7	0.08	<5	22	321	<20
S437830		30	0.35	10	0.63	1355	<1	3.50	1	620	<2	<0.01	<5	23	117	<20

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CERTIFICAT D'ANALYSE VO18246269

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S437791		0.27	<10	<10	1	<10	13
S437792		0.24	10	<10	4	<10	9
S437793		0.22	<10	<10	5	<10	9
S437794		0.22	<10	<10	4	<10	10
S437795		0.23	<10	<10	8	<10	17
S437796		0.24	<10	<10	14	<10	28
S437797		0.25	<10	<10	7	<10	19
S437798		0.23	<10	<10	7	<10	15
S437799		0.63	10	<10	7	<10	42
S437800		0.57	<10	<10	198	<10	138
S437801		0.34	<10	<10	1	<10	35
S437802		0.26	<10	<10	4	<10	24
S437803		0.43	10	<10	7	<10	67
S437804		0.63	<10	<10	14	<10	29
S437805		0.54	<10	<10	21	<10	27
S437806		0.45	<10	<10	7	<10	13
S437807		0.41	<10	<10	8	<10	19
S437808		0.48	<10	<10	3	<10	18
S437809		0.44	<10	<10	6	<10	15
S437810		0.38	<10	<10	6	<10	8
S437811		0.24	<10	<10	4	<10	5
S437812		0.31	<10	<10	13	<10	21
S437813		0.20	<10	<10	8	<10	13
S437814		1.01	<10	<10	2	<10	164
S437815		0.03	<10	<10	4	<10	17
S437816		0.31	10	<10	1	<10	89
S437817		<0.01	<10	<10	2	<10	<2
S437818		<0.01	<10	<10	2	850	5
S437819		0.71	<10	<10	3	<10	63
S437820		0.37	<10	<10	140	30	293
S437821		0.47	<10	<10	1	<10	44
S437822		0.28	<10	<10	4	<10	43
S437823		0.68	<10	<10	2	<10	37
S437824		0.53	<10	<10	4	<10	67
S437825		0.50	<10	<10	4	<10	61
S437826		0.48	<10	<10	4	<10	45
S437827		0.50	10	<10	4	<10	47
S437828		0.49	<10	<10	4	<10	35
S437829		0.49	<10	<10	4	<10	42
S437830		0.50	<10	<10	4	<10	42

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CERTIFICAT D'ANALYSE VO18246269

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S437831		3.62	<0.005		<0.5	6.90	<5	40	1.5	<2	1.28	<0.5	6	4	1	7.59
S437832		2.71	<0.005		<0.5	6.81	<5	80	1.3	<2	1.63	<0.5	8	4	8	6.62
S437833		2.51	0.031		<0.5	7.06	7	80	1.2	<2	1.37	<0.5	11	5	13	6.59
S437834		2.54	4.46		<0.5	5.07	<5	30	0.7	<2	1.98	<0.5	9	13	100	4.87
S437835		2.79	0.799		<0.5	6.74	<5	80	0.9	<2	1.85	<0.5	13	9	82	6.05
S437836		2.34	0.159		<0.5	6.01	<5	260	0.9	<2	4.92	0.5	15	20	10	12.55
S437837		2.93	0.167		<0.5	6.22	<5	290	0.9	2	4.49	<0.5	18	16	5	12.60
S437838		2.02	0.026		<0.5	5.71	<5	270	0.9	<2	6.00	<0.5	16	20	31	12.65
S437839		2.12	0.005		<0.5	6.20	<5	290	1.1	4	3.79	<0.5	15	22	1	12.35
S437840		0.34	<0.005		<0.5	7.07	5	640	1.3	3	2.35	<0.5	17	99	17	4.88
S437841		2.57	<0.005		<0.5	6.69	<5	70	0.9	<2	2.37	<0.5	11	25	1	8.87
S437842		2.79	<0.005		<0.5	6.45	<5	60	1.6	3	2.34	<0.5	12	12	<1	8.99
S437843		3.18	0.050		<0.5	6.46	<5	80	0.9	<2	2.64	<0.5	7	6	5	7.99
S437844		2.01	0.267		<0.5	6.07	<5	50	0.6	<2	2.05	<0.5	4	8	48	6.79
S437845		3.36	0.560		<0.5	5.80	5	40	0.6	2	1.88	<0.5	5	8	42	6.35
S437846		2.58	2.59		<0.5	5.71	6	30	0.5	<2	2.21	<0.5	9	9	162	7.30
S437847		1.66	1.280		<0.5	5.88	<5	30	0.6	<2	2.40	<0.5	10	7	145	6.77
S437848		1.12	6.20		<0.5	6.17	<5	20	0.6	<2	1.82	<0.5	9	8	139	7.34
S437849		2.78	0.411		<0.5	6.13	<5	50	0.7	<2	1.85	<0.5	5	8	106	6.81
S437850		2.84	2.20		<0.5	5.96	<5	30	0.6	<2	1.82	<0.5	7	9	85	7.01
S437851		2.59	3.90	2.77	<0.5	5.80	<5	20	0.6	<2	1.10	<0.5	9	11	120	6.25
S437852		1.77	0.079		<0.5	6.07	<5	70	0.6	<2	2.20	<0.5	5	8	34	7.06
S437853		2.28	0.144		6.5	5.83	<5	50	0.6	<2	1.86	<0.5	5	11	20	6.31
S437854		1.58	0.371		<0.5	6.23	<5	80	0.7	<2	1.53	<0.5	5	8	35	7.42
S437855		0.57	0.156		<0.5	5.72	<5	20	0.6	<2	1.46	<0.5	4	11	10	6.18
S437856		0.52	0.311		<0.5	5.75	5	20	0.6	<2	1.12	<0.5	4	10	12	6.55
S437857		0.67	0.009		<0.5	4.79	<5	20	0.5	2	1.95	<0.5	2	15	9	4.08
S437858		0.64	0.010		<0.5	6.17	<5	20	0.9	<2	0.89	<0.5	3	12	2	1.49
S437859		0.47	<0.005		<0.5	6.31	<5	50	1.0	2	2.34	<0.5	4	17	2	2.64
S437860		0.10	3.86		0.5	7.41	32	640	0.8	2	2.63	1.0	20	70	162	5.55

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S437831		30	0.08	10	0.96	837	<1	3.39	<1	580	<2	<0.01	<5	23	61	<20
S437832		30	0.16	10	0.71	890	<1	3.57	<1	490	4	0.02	<5	21	90	<20
S437833		30	0.17	20	0.60	931	<1	4.10	<1	450	<2	0.04	<5	21	70	<20
S437834		20	0.07	10	0.45	643	<1	3.08	2	360	5	0.32	<5	15	48	<20
S437835		30	0.15	10	0.42	854	<1	3.92	<1	340	5	0.26	<5	19	98	<20
S437836		30	0.59	10	0.71	2310	<1	1.29	5	1870	<2	0.03	<5	36	254	<20
S437837		30	0.64	10	0.82	2400	<1	1.63	6	1680	3	0.01	<5	36	203	<20
S437838		20	0.57	10	0.70	2170	1	1.08	7	1630	2	0.11	<5	32	242	<20
S437839		20	0.58	10	0.97	2190	<1	1.97	12	1570	<2	<0.01	<5	33	171	<20
S437840		20	1.47	30	1.48	527	1	2.08	43	840	12	0.04	<5	16	384	<20
S437841		30	0.14	10	1.29	1075	<1	2.58	8	1590	3	<0.01	<5	33	73	<20
S437842		30	0.14	10	1.33	1040	1	2.29	2	1590	<2	<0.01	<5	27	78	<20
S437843		30	0.16	10	0.74	1025	<1	2.46	<1	660	4	0.02	<5	24	140	<20
S437844		20	0.17	10	0.13	920	1	3.17	1	370	<2	0.14	<5	15	65	<20
S437845		20	0.13	10	0.11	839	<1	3.04	<1	290	4	0.10	<5	13	60	<20
S437846		20	0.09	10	0.14	809	<1	3.08	<1	490	<2	0.71	<5	14	55	<20
S437847		20	0.08	10	0.14	737	<1	3.48	<1	420	4	0.75	<5	12	66	<20
S437848		20	0.05	10	0.16	800	<1	3.54	<1	440	<2	0.60	<5	14	58	<20
S437849		20	0.13	10	0.12	798	<1	3.29	<1	430	3	0.34	<5	8	73	<20
S437850		20	0.08	10	0.15	840	1	3.22	<1	480	3	0.22	<5	10	64	<20
S437851		20	0.04	10	0.16	660	1	3.48	2	380	4	0.22	<5	15	45	<20
S437852		20	0.18	10	0.15	945	<1	3.17	<1	510	6	0.12	<5	15	66	<20
S437853		20	0.16	10	0.14	908	<1	3.10	<1	390	3	0.04	5	15	63	<20
S437854		20	0.21	10	0.14	1020	<1	3.32	<1	440	4	0.06	<5	17	74	<20
S437855		20	0.08	10	0.09	850	<1	3.03	<1	300	4	0.02	<5	13	63	<20
S437856		20	0.09	10	0.09	847	<1	3.09	<1	250	3	0.01	<5	14	60	<20
S437857		20	0.04	10	0.14	610	<1	2.94	<1	230	<2	0.04	<5	9	44	<20
S437858		20	0.04	10	0.22	213	1	4.57	<1	80	4	<0.01	<5	7	46	<20
S437859		10	0.43	10	1.56	517	1	4.20	2	330	<2	<0.01	<5	9	49	<20
S437860		20	1.20	10	1.59	931	8	2.37	45	810	47	0.15	<5	17	297	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 25- OCT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18246269

Description échantillon	Méthode élément unités LDI	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S437831		0.49	<10	<10	4	<10	51
S437832		0.46	<10	<10	3	<10	89
S437833		0.46	<10	<10	3	<10	50
S437834		0.34	<10	<10	6	<10	33
S437835		0.40	<10	<10	3	<10	31
S437836		0.89	<10	<10	15	<10	73
S437837		0.80	<10	<10	17	<10	86
S437838		0.78	<10	<10	14	<10	80
S437839		0.79	<10	<10	14	<10	66
S437840		0.47	<10	<10	124	<10	84
S437841		0.82	<10	<10	18	<10	80
S437842		0.71	<10	<10	14	<10	78
S437843		0.53	<10	<10	5	<10	60
S437844		0.31	<10	<10	1	<10	35
S437845		0.28	<10	<10	1	<10	33
S437846		0.31	<10	<10	1	<10	36
S437847		0.28	<10	<10	1	<10	33
S437848		0.29	<10	<10	1	<10	38
S437849		0.29	<10	<10	1	<10	30
S437850		0.36	<10	<10	1	<10	38
S437851		0.27	<10	<10	1	<10	33
S437852		0.33	<10	<10	1	<10	40
S437853		0.32	<10	<10	1	<10	32
S437854		0.36	<10	<10	1	<10	34
S437855		0.27	<10	<10	2	<10	37
S437856		0.29	<10	<10	1	<10	34
S437857		0.18	<10	<10	2	<10	28
S437858		0.16	<10	<10	3	10	13
S437859		0.26	<10	<10	12	<10	34
S437860		0.39	<10	<10	153	40	314

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 25- OCT- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18246269

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au- AA23	Au- GRA21	ME- ICP61	

Traité à ALS Timmins, Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applique à la Méthode:	CRU- 32	CRU- QC	LOG- 21	LOG- 23
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

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À: EXPLORATION MIDLAND INC
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Finalisée date: 8- NOV- 2018
Compte: MIDEXP

CERTIFICAT VO18270361

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 26 échantillons de reject soumis à notre laboratoire de Val d'Or, QC, Canada le 26- OCT- 2018.

Les résultats sont transmis à:

MARIO MASSON	LOUIS- PHILIPPE RICHARD	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
BAG- 01	Entreposage pulp de ref.
LOG- 21	Entrée échantillon - Code barre client
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
FND- 03	Localiser rejet par analyse suppl.
SCR- 21	Filtrer à - 100 - 106 um
WEI- 25	Poids rejets concassés
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 8- NOV- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18270361

Description échantillon	Méthode élément unités LDI	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01	WEI- 25 Reject W kg 0.001
S437759		3.28	28.9	2.79	0.538	18.59	966.1	2.40	3.18	2.53
S437763		5.05	78.3	3.36	1.673	21.38	922.9	3.07	3.64	1.980
S437764		6.44	76.5	5.04	1.428	18.66	928.8	5.36	4.71	3.87
S437765		3.76	22.0	3.32	0.528	23.98	980.8	3.14	3.49	4.36
S437766		5.37	51.4	4.08	1.458	28.35	1010.0	4.06	4.09	3.61
S437767		1.90	29.3	1.22	0.731	24.95	1005.5	1.45	0.98	1.980
S437768		4.01	86.7	1.26	2.696	31.10	934.1	1.25	1.27	1.530
S437769		6.06	55.5	4.73	1.534	27.63	1024.0	4.95	4.51	1.770
S437770		4.04	13.85	3.81	0.329	23.77	1005.5	3.77	3.85	2.47
S437771		2.01	17.05	1.56	0.476	27.95	938.9	1.54	1.58	2.17
S437772		1.46	7.80	1.19	0.313	40.11	951.8	1.24	1.14	2.70
S437786		2.56	12.10	2.25	0.387	31.93	959.1	2.33	2.16	2.02
S437787		1.81	23.0	1.37	0.466	20.30	960.3	1.05	1.68	2.21
S437788		3.20	10.20	2.87	0.476	46.75	982.1	3.11	2.62	1.590
S437790		1.84	3.85	1.77	0.117	30.41	909.4	1.47	2.07	2.45
S437791		2.34	8.92	1.89	0.603	67.58	972.0	2.16	1.61	2.89
S437799		3.04	10.60	2.73	0.411	38.82	957.5	2.64	2.82	2.61
S437806		5.05	30.0	3.98	1.255	41.85	970.6	4.39	3.57	2.86
S437807		3.72	52.2	2.21	1.629	31.21	1001.0	1.63	2.79	2.33
S437808		7.97	50.8	5.44	3.007	59.16	1000.5	5.13	5.75	1.660
S437809		2.00	25.2	1.08	0.985	39.05	981.4	0.91	1.24	1.210
S437846		3.38	14.75	1.30	2.340	158.70	869.1	1.11	1.49	1.570
S437847		2.47	48.1	0.65	1.209	25.14	631.9	0.53	0.77	0.690
S437848		1.84	<0.05	1.86	<0.001	0.61	90.9	1.68	2.03	0.130
S437850		1.91	12.65	1.27	0.768	60.71	1013.0	1.59	0.94	1.790
S437851		1.80	7.10	0.77	1.156	162.80	835.7	0.61	0.93	1.490

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 8- NOV- 2018
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO18270361

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
	Au- AA25	Au- AA25D	Au- SCR21

Traité à ALS Timmins, Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applique à la Méthode:				
	BAG- 01	FND- 03	LOG- 21	PUL- 32
	PUL- QC	SCR- 21	SPL- 21	WEI- 25

2017 – CERTIFICATES: Midland

2017 – DDH : Midland

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Finalisée date: 4- AOUT- 2017
Compte: MIDEXP

CERTIFICAT SD17132747

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 213 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIN- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE SYLVAIN TRÉPANIER	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC
CRU- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
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ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
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Finalisée date: 4- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702091		3.58	<0.005		<0.5	5.42	<5	40	0.9	<2	2.12	<0.5	11	10	1	8.07
V702092		3.46	<0.005		<0.5	5.26	<5	60	1.1	<2	2.19	<0.5	10	13	1	8.87
V702093		2.21	<0.005		<0.5	5.21	<5	60	0.8	<2	2.40	<0.5	12	19	2	8.26
V702094		2.84	<0.005		<0.5	5.14	11	30	1.1	4	2.23	<0.5	22	12	2	12.15
V702095		3.67	<0.005		<0.5	5.54	7	30	1.3	<2	1.36	<0.5	21	12	1	11.55
V702096		3.42	<0.005		<0.5	4.98	<5	90	0.9	2	1.78	<0.5	11	17	<1	8.57
V702097		3.04	<0.005		<0.5	5.15	7	80	1.0	<2	2.02	<0.5	14	15	<1	8.74
V702098		3.36	<0.005		<0.5	4.99	5	70	0.9	<2	2.09	<0.5	11	18	3	8.84
V702099		3.40	<0.005		<0.5	4.99	<5	70	0.9	<2	2.05	<0.5	10	16	1	8.51
V702100		0.10	4.25	3.88	0.6	6.91	31	590	0.8	<2	2.49	1.1	16	62	145	5.18
V702101		3.59	<0.005		<0.5	4.95	<5	60	1.1	<2	2.28	<0.5	12	17	3	9.37
V702102		3.61	<0.005		<0.5	4.98	9	60	0.9	<2	2.01	<0.5	11	15	2	9.58
V702103		3.21	<0.005		<0.5	5.05	6	50	1.0	<2	2.10	<0.5	15	24	4	10.20
V702104		3.39	<0.005		<0.5	5.05	7	40	0.9	<2	2.06	<0.5	11	15	1	8.95
V702105		2.93	<0.005		<0.5	5.07	8	50	0.9	<2	1.96	<0.5	13	13	1	9.63
V702106		3.33	<0.005		<0.5	5.03	10	50	0.9	3	2.12	<0.5	15	22	1	8.96
V702107		3.52	<0.005		<0.5	5.18	<5	50	0.9	<2	1.98	<0.5	12	15	1	8.63
V702108		3.46	<0.005		<0.5	4.86	8	40	0.8	<2	1.94	<0.5	12	14	1	8.70
V702109		3.45	<0.005		<0.5	4.97	9	70	0.9	<2	2.24	<0.5	13	14	1	8.18
V702110		3.55	0.018		<0.5	5.18	<5	60	1.0	<2	2.23	<0.5	15	9	5	10.60
V702111		3.42	<0.005		<0.5	5.00	<5	70	0.8	<2	2.50	<0.5	12	12	<1	8.61
V702112		3.34	<0.005		<0.5	4.98	7	90	0.7	<2	2.53	<0.5	11	12	1	9.04
V702113		3.41	<0.005		<0.5	4.99	5	80	0.7	<2	3.05	<0.5	14	18	1	8.94
V702114		3.46	<0.005		<0.5	5.51	6	50	0.7	<2	2.81	<0.5	12	10	2	8.55
V702115		3.50	<0.005		<0.5	5.63	<5	50	0.9	<2	2.28	<0.5	8	12	1	6.84
V702116		3.17	<0.005		<0.5	5.68	5	60	0.9	<2	2.99	<0.5	12	15	11	8.87
V702117		3.55	<0.005		<0.5	5.50	9	60	0.8	<2	3.23	<0.5	15	14	27	8.34
V702118		3.53	<0.005		<0.5	5.46	7	50	0.8	<2	3.87	<0.5	13	15	18	8.94
V702119		3.48	<0.005		<0.5	5.61	<5	100	0.8	2	3.79	<0.5	12	16	15	9.13
V702120		0.77	<0.005		<0.5	7.30	<5	980	1.1	<2	2.38	<0.5	21	98	45	5.64
V702121		2.33	<0.005		<0.5	5.31	6	90	0.7	<2	3.75	<0.5	16	13	12	9.08
V702122		2.38	<0.005		<0.5	5.34	8	100	0.7	<2	3.51	<0.5	16	15	13	9.77
V702123		1.31	<0.005		<0.5	5.48	7	150	0.7	<2	3.63	<0.5	18	12	9	9.78
V702124		3.21	<0.005		<0.5	5.56	7	140	0.8	<2	3.73	<0.5	16	12	8	9.98
V702125		2.12	<0.005		<0.5	5.51	7	80	0.7	<2	3.76	<0.5	16	11	11	10.30
V702126		1.87	<0.005		<0.5	5.48	6	50	0.7	<2	3.40	<0.5	22	16	35	10.20
V702127		1.08	<0.005		<0.5	3.46	<5	20	<0.5	<2	3.37	<0.5	10	16	7	6.58
V702128		3.35	<0.005		<0.5	5.57	15	60	0.8	<2	3.74	<0.5	26	16	29	8.82
V702129		3.80	<0.005		<0.5	5.68	6	70	0.7	2	3.81	<0.5	17	16	9	8.84
V702130		3.45	<0.005		<0.5	5.67	6	80	0.7	<2	3.51	<0.5	17	12	5	9.74

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 4- AOUT- 2017
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702091		20	0.11	10	0.22	1740	<1	2.07	<1	750	2	<0.01	<5	11	136	<20
V702092		20	0.15	10	0.16	1545	2	2.31	<1	930	2	<0.01	<5	12	141	<20
V702093		20	0.14	10	0.17	1830	3	2.05	<1	970	2	0.02	<5	11	141	<20
V702094		20	0.08	10	0.22	2350	1	1.40	<1	850	6	0.03	<5	20	111	<20
V702095		20	0.08	10	0.24	2520	<1	1.60	<1	400	<2	0.02	5	22	87	<20
V702096		20	0.19	<10	0.05	1935	1	2.27	<1	490	3	<0.01	<5	12	140	<20
V702097		20	0.17	<10	0.05	2050	<1	2.29	1	480	<2	0.01	<5	12	178	<20
V702098		20	0.15	<10	0.05	2020	1	2.01	<1	490	<2	0.01	<5	11	201	<20
V702099		20	0.15	<10	0.05	1945	1	2.16	1	500	2	0.01	<5	12	199	<20
V702100		10	1.06	10	1.52	867	7	2.18	42	760	48	0.14	8	16	275	<20
V702101		20	0.13	10	0.06	2090	1	1.77	<1	890	2	0.03	<5	14	225	<20
V702102		20	0.14	<10	0.05	2010	1	2.03	<1	560	<2	0.02	<5	12	193	<20
V702103		20	0.11	10	0.06	2090	1	2.01	1	640	2	0.05	<5	13	197	<20
V702104		20	0.08	10	0.06	2150	1	2.04	<1	670	<2	0.01	<5	10	204	<20
V702105		20	0.10	<10	0.07	2350	1	1.99	<1	580	6	0.01	<5	13	186	<20
V702106		20	0.12	<10	0.07	2060	2	2.25	<1	550	3	0.01	<5	13	187	<20
V702107		20	0.10	<10	0.05	2020	1	2.38	<1	490	2	0.02	<5	11	187	<20
V702108		20	0.09	<10	0.05	2050	<1	2.25	1	500	<2	<0.01	<5	12	164	<20
V702109		20	0.18	<10	0.05	1940	1	2.33	<1	500	<2	0.01	<5	17	177	<20
V702110		20	0.14	<10	0.06	2160	<1	2.09	<1	610	3	0.05	<5	19	135	<20
V702111		20	0.20	<10	0.07	1960	1	2.12	1	630	2	<0.01	<5	21	127	<20
V702112		20	0.24	<10	0.08	1900	<1	2.07	1	660	<2	0.01	<5	20	110	<20
V702113		20	0.25	<10	0.09	1980	1	2.07	1	820	5	<0.01	<5	22	110	<20
V702114		20	0.15	10	0.18	1785	<1	2.25	1	940	2	0.02	<5	24	103	<20
V702115		20	0.13	<10	0.27	1540	1	2.88	<1	560	<2	<0.01	<5	18	83	<20
V702116		20	0.12	<10	0.18	2000	1	2.42	<1	1000	2	0.08	<5	24	153	<20
V702117		20	0.11	<10	0.11	1815	1	2.25	<1	1060	2	0.19	<5	26	185	<20
V702118		20	0.09	<10	0.13	1860	1	1.86	<1	1030	4	0.13	<5	29	192	<20
V702119		20	0.13	<10	0.16	1960	<1	1.66	<1	1040	4	0.12	<5	32	214	<20
V702120		20	1.74	30	1.79	713	2	2.08	50	960	14	0.09	<5	20	430	<20
V702121		20	0.12	10	0.17	2010	1	1.49	<1	1000	3	0.10	<5	31	192	<20
V702122		20	0.14	10	0.18	2180	<1	1.51	1	1080	4	0.12	<5	31	188	<20
V702123		20	0.18	10	0.20	2250	1	1.57	<1	1190	4	0.08	<5	34	199	<20
V702124		20	0.17	10	0.22	2290	1	1.64	<1	1200	4	0.07	<5	34	208	<20
V702125		20	0.12	10	0.25	2360	1	1.56	1	1300	<2	0.11	<5	36	181	<20
V702126		20	0.07	10	0.29	2200	<1	1.81	1	1380	3	0.30	<5	36	157	<20
V702127		10	0.04	<10	0.33	1585	1	1.14	3	1050	2	0.05	<5	20	73	<20
V702128		20	0.09	10	0.32	2000	1	2.10	4	1390	3	0.23	<5	34	157	<20
V702129		20	0.11	10	0.30	2030	<1	2.14	2	1430	3	0.08	<5	39	197	<20
V702130		20	0.13	10	0.42	2090	<1	2.13	3	1500	3	0.04	<5	40	147	<20

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Finalisée date: 4- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	PUL- QC Pass75um % 0.01	CRU- QC Pass2mm % 0.01
V702091		0.27	<10	<10	2	<10	40	89.3	69.7
V702092		0.25	<10	<10	3	<10	32	88.4	
V702093		0.28	<10	<10	2	<10	39		
V702094		0.27	<10	<10	2	<10	52		
V702095		0.27	<10	<10	2	<10	61		90.3
V702096		0.26	<10	<10	2	<10	41		
V702097		0.31	<10	<10	2	<10	44		
V702098		0.28	<10	<10	2	<10	45		
V702099		0.28	<10	<10	2	<10	43		
V702100		0.38	10	<10	143	40	290		
V702101		0.30	<10	<10	3	<10	46		
V702102		0.28	<10	<10	3	<10	44		
V702103		0.25	<10	<10	3	<10	43		
V702104		0.24	<10	<10	3	<10	44		
V702105		0.30	<10	<10	4	<10	48		
V702106		0.28	<10	<10	3	<10	41		
V702107		0.26	<10	<10	3	<10	45		
V702108		0.29	<10	<10	2	<10	47		
V702109		0.36	<10	<10	1	<10	42		
V702110		0.37	<10	<10	2	<10	50		
V702111		0.41	<10	<10	2	<10	43		
V702112		0.40	<10	<10	1	<10	41		
V702113		0.44	<10	<10	2	<10	43		
V702114		0.43	<10	<10	4	<10	39		
V702115		0.41	<10	<10	4	<10	37		
V702116		0.51	<10	<10	3	<10	48		
V702117		0.59	10	<10	1	<10	42		
V702118		0.55	<10	<10	<1	<10	47		
V702119		0.52	<10	<10	<1	<10	47		
V702120		0.51	<10	<10	143	<10	118		
V702121		0.46	<10	<10	1	<10	49	86.7	
V702122		0.50	<10	<10	<1	<10	50	89.5	
V702123		0.55	<10	<10	1	<10	51		
V702124		0.55	<10	<10	<1	<10	51		
V702125		0.58	<10	<10	1	<10	56		
V702126		0.64	<10	<10	3	<10	54		
V702127		0.37	<10	<10	7	<10	42		
V702128		0.59	<10	<10	6	<10	50		
V702129		0.61	<10	<10	6	<10	47		
V702130		0.63	<10	<10	8	<10	48	89.8	92.0

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CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702131		1.50	<0.005		<0.5	5.40	<5	40	0.5	<2	3.66	<0.5	16	10	12	10.40
V702132		2.74	<0.005		<0.5	5.96	<5	20	0.7	<2	4.23	0.5	13	16	8	8.42
V702133		3.33	<0.005		<0.5	7.26	5	20	1.3	<2	2.55	<0.5	16	52	39	8.30
V702134		2.27	<0.005		<0.5	7.61	5	40	1.5	<2	1.39	<0.5	20	68	85	6.61
V702135		3.31	<0.005		<0.5	6.32	5	150	1.0	2	3.75	<0.5	19	34	89	9.67
V702136		3.39	<0.005		<0.5	5.85	5	210	0.8	<2	4.00	<0.5	27	19	88	12.20
V702137		3.37	<0.005		<0.5	5.87	11	190	0.7	<2	3.87	<0.5	30	20	79	12.15
V702138		3.56	<0.005		<0.5	6.35	<5	100	0.6	<2	4.18	<0.5	24	31	17	13.10
V702139		3.44	<0.005		<0.5	6.38	<5	90	0.7	3	4.25	<0.5	25	39	18	11.45
V702140		0.09	4.06	4.13	0.8	6.81	33	580	0.8	<2	2.37	0.9	17	64	145	5.04
V702141		3.40	<0.005		<0.5	5.83	<5	120	0.7	<2	4.17	0.5	27	8	38	12.75
V702142		3.46	<0.005		<0.5	5.90	10	140	0.7	4	4.98	0.5	27	8	36	10.80
V702143		3.63	<0.005		<0.5	5.47	13	170	0.5	<2	5.49	<0.5	31	4	42	13.25
V702144		3.48	0.007		<0.5	5.63	13	220	0.5	5	5.36	<0.5	32	4	45	13.90
V702145		3.48	<0.005		<0.5	6.01	68	180	0.5	2	5.22	0.9	32	4	57	14.15
V702146		3.67	<0.005		<0.5	5.83	19	180	0.6	<2	4.97	0.6	33	5	59	14.60
V702147		1.41	<0.005		<0.5	5.24	15	170	0.5	<2	6.19	0.6	30	4	56	12.75
V702148		2.35	<0.005		<0.5	5.95	14	200	0.6	3	4.30	0.5	40	14	109	14.45
V702149		3.09	<0.005		<0.5	5.96	15	150	0.6	4	4.48	0.6	33	3	35	13.65
V702150		0.78	<0.005		<0.5	3.96	12	30	<0.5	<2	14.30	0.8	19	5	3	8.69
V702151		3.52	0.005		<0.5	5.85	15	80	0.5	<2	5.46	<0.5	35	4	55	12.10
V702152		3.79	<0.005		<0.5	6.10	8	130	0.6	4	5.52	<0.5	42	3	87	12.65
V702153		1.90	<0.005		<0.5	5.89	<5	150	0.5	<2	5.48	0.7	35	2	29	13.70
V702154		3.47	<0.005		<0.5	6.09	<5	100	0.5	<2	4.79	<0.5	30	3	16	11.90
V702155		3.47	<0.005		<0.5	5.88	<5	140	0.5	<2	5.08	<0.5	34	4	59	11.40
V702156		3.15	<0.005		<0.5	6.14	<5	130	0.5	3	5.64	<0.5	34	4	69	10.75
V702157		1.68	<0.005		<0.5	6.08	<5	110	0.5	<2	6.00	<0.5	34	2	98	9.79
V702158		3.45	<0.005		<0.5	6.16	<5	130	<0.5	<2	5.12	<0.5	28	2	38	10.40
V702159		3.58	<0.005		<0.5	6.03	<5	140	<0.5	<2	4.99	<0.5	34	3	64	11.05
V702160		0.73	<0.005		<0.5	7.52	<5	870	1.1	<2	2.60	<0.5	23	97	37	5.79
V702161		2.91	<0.005		<0.5	6.09	<5	130	0.5	<2	4.99	<0.5	44	3	142	11.05
V702162		2.63	<0.005		<0.5	6.06	<5	110	<0.5	<2	5.39	<0.5	40	2	127	10.40
V702163		3.14	<0.005		<0.5	6.32	<5	140	<0.5	<2	5.48	<0.5	47	3	160	12.00
V702164		3.54	<0.005		<0.5	6.24	6	140	<0.5	<2	5.24	0.5	47	3	57	12.15
V702165		3.72	<0.005		<0.5	6.37	9	80	<0.5	<2	3.84	<0.5	38	4	66	10.60
V702166		3.64	<0.005		<0.5	6.55	6	70	<0.5	<2	4.09	<0.5	33	4	37	10.95
V702167		3.30	0.007		<0.5	6.23	<5	100	<0.5	<2	4.41	<0.5	36	4	58	11.65
V702168		2.81	<0.005		<0.5	5.99	6	120	<0.5	<2	4.43	0.6	45	3	75	13.05
V702169		2.59	<0.005		<0.5	6.21	7	110	<0.5	<2	4.91	<0.5	42	4	60	12.35
V702170		2.50	<0.005		<0.5	6.31	9	110	<0.5	2	4.89	<0.5	36	3	42	12.10

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702131		20	0.07	10	0.66	2160	1	1.85	3	1940	<2	0.10	<5	31	82	<20
V702132		20	0.08	10	0.61	1800	1	2.32	4	1230	3	0.08	<5	25	99	<20
V702133		20	0.05	20	0.96	1430	1	3.59	25	1080	3	0.29	<5	19	74	<20
V702134		20	0.07	20	0.96	890	2	4.25	38	370	3	0.47	<5	13	73	<20
V702135		20	0.25	10	0.50	2130	1	2.37	7	1470	<2	0.38	<5	20	169	<20
V702136		20	0.37	10	0.49	2680	<1	1.62	7	2020	<2	0.32	<5	36	203	<20
V702137		20	0.34	10	0.46	2580	1	1.65	11	2070	2	0.26	<5	27	190	<20
V702138		20	0.18	10	0.65	2730	1	1.25	10	1590	7	0.06	<5	35	172	<20
V702139		20	0.15	10	0.69	2320	1	1.67	11	1180	3	0.06	<5	31	154	<20
V702140		20	1.08	10	1.45	849	7	2.12	41	750	49	0.14	6	16	265	<20
V702141		20	0.22	10	0.46	2510	<1	1.32	<1	2040	6	0.16	<5	38	187	<20
V702142		20	0.25	10	0.52	2310	1	1.44	<1	2310	3	0.14	<5	35	187	<20
V702143		20	0.31	10	0.71	2780	<1	0.78	<1	3090	3	0.15	<5	51	173	<20
V702144		20	0.40	10	0.67	2870	<1	1.21	<1	3180	5	0.19	<5	53	172	<20
V702145		20	0.33	10	0.71	2900	<1	1.31	1	3430	2	0.22	<5	59	169	<20
V702146		20	0.32	10	0.73	3030	<1	1.19	1	3400	4	0.22	<5	60	155	<20
V702147		20	0.32	10	0.67	2860	<1	1.30	3	2680	2	0.24	<5	45	146	<20
V702148		20	0.38	10	0.70	2850	1	1.76	4	2920	2	0.47	<5	42	147	<20
V702149		20	0.28	10	0.74	2820	<1	1.76	3	3100	3	0.17	<5	48	134	<20
V702150		10	0.05	10	0.58	2440	1	1.11	3	2140	4	<0.01	<5	37	193	<20
V702151		20	0.15	10	0.75	2400	<1	1.97	2	2480	2	0.28	<5	44	125	<20
V702152		20	0.28	10	0.96	2360	<1	1.50	3	2910	<2	0.44	<5	45	147	<20
V702153		20	0.33	10	1.16	2660	<1	1.26	1	2800	2	0.20	<5	43	122	<20
V702154		20	0.23	10	1.08	2380	<1	1.45	<1	3050	5	0.07	<5	44	134	<20
V702155		20	0.37	10	0.91	2230	1	1.41	<1	3110	3	0.25	<5	36	148	<20
V702156		20	0.35	10	1.03	2120	<1	1.90	2	3640	4	0.21	<5	43	134	<20
V702157		20	0.33	10	0.98	1880	<1	2.11	1	3510	7	0.27	<5	42	117	<20
V702158		20	0.38	10	1.00	1945	<1	2.06	1	3720	2	0.12	<5	43	119	<20
V702159		20	0.41	10	1.02	1960	<1	1.96	<1	3840	2	0.23	<5	40	133	<20
V702160		20	1.76	40	2.09	623	1	2.09	54	930	12	0.08	<5	18	441	<20
V702161		20	0.41	10	1.08	1875	<1	2.32	1	4020	<2	0.48	<5	41	109	<20
V702162		20	0.36	10	1.09	1790	<1	2.08	1	3980	<2	0.37	<5	40	111	<20
V702163		20	0.47	10	1.16	2050	<1	1.94	2	4380	<2	0.49	<5	36	166	<20
V702164		20	0.48	10	1.17	2110	<1	1.78	<1	4100	2	0.24	<5	33	173	<20
V702165		20	0.31	<10	1.21	1770	<1	2.20	1	530	2	0.15	<5	31	136	<20
V702166		20	0.27	<10	1.41	1860	<1	2.04	2	500	<2	0.11	<5	38	132	<20
V702167		20	0.39	<10	1.49	2080	<1	1.68	<1	460	<2	0.13	<5	35	154	<20
V702168		20	0.52	<10	1.54	2340	<1	1.30	1	470	4	0.36	<5	38	167	<20
V702169		20	0.50	<10	1.44	2100	<1	1.41	1	450	2	0.25	<5	36	180	<20
V702170		20	0.49	<10	1.46	2220	<1	1.57	1	450	<2	0.12	<5	35	185	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 4- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	PUL- QC Pass75um % 0.01	CRU- QC Pass2mm % 0.01
V702131		0.66	<10	<10	6	<10	59		
V702132		0.57	<10	<10	7	<10	53		
V702133		0.45	<10	<10	53	<10	54		
V702134		0.33	<10	<10	69	<10	70		
V702135		0.50	<10	<10	19	<10	59		
V702136		0.75	<10	<10	11	<10	65		
V702137		0.68	<10	<10	10	<10	61		
V702138		0.69	<10	<10	14	<10	69		
V702139		0.61	<10	<10	20	<10	57		
V702140		0.36	<10	<10	140	40	281		
V702141		0.72	<10	<10	2	<10	61		
V702142		0.76	<10	<10	2	<10	51		
V702143		1.04	<10	<10	3	<10	64		
V702144		1.03	<10	<10	2	<10	64		
V702145		1.08	<10	<10	3	<10	66		
V702146		1.10	<10	<10	5	<10	65		
V702147		0.84	<10	<10	5	<10	69		
V702148		0.89	<10	<10	7	<10	62		
V702149		0.99	<10	<10	4	<10	62		
V702150		0.76	<10	<10	3	<10	53		
V702151		0.89	<10	<10	4	<10	61		
V702152		1.04	<10	<10	4	<10	67		
V702153		1.00	<10	<10	4	<10	86		
V702154		1.06	<10	<10	5	<10	67		
V702155		0.99	<10	<10	2	<10	53		
V702156		1.16	<10	<10	4	<10	49		
V702157		1.14	<10	<10	4	<10	39		
V702158		1.18	<10	<10	3	<10	44		
V702159		1.13	<10	<10	3	<10	43		
V702160		0.56	<10	<10	151	<10	118		
V702161		1.17	<10	<10	4	<10	40		
V702162		1.15	<10	<10	5	<10	38		
V702163		1.22	<10	<10	5	<10	45		
V702164		1.21	<10	<10	7	<10	50		
V702165		1.20	<10	<10	17	<10	50		
V702166		1.30	<10	<10	18	<10	53		
V702167		1.05	<10	<10	20	<10	62		
V702168		1.17	<10	<10	19	<10	64		
V702169		1.08	<10	<10	20	<10	60		
V702170		0.98	<10	<10	80	<10	65	88.1	83.7

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CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702171		3.64	<0.005		<0.5	5.88	6	140	<0.5	<2	4.26	<0.5	43	3	57	13.70
V702172		3.52	<0.005		<0.5	6.29	<5	120	0.5	<2	4.64	<0.5	35	6	50	11.70
V702173		2.30	<0.005		<0.5	5.80	<5	110	<0.5	<2	4.65	<0.5	35	2	43	11.40
V702174		1.93	<0.005		<0.5	5.80	<5	120	<0.5	<2	5.78	<0.5	36	1	46	11.40
V702175		2.88	<0.005		<0.5	5.87	<5	120	<0.5	<2	4.85	<0.5	39	2	58	12.40
V702176		3.58	<0.005		<0.5	5.92	12	120	<0.5	2	4.89	<0.5	45	3	65	12.45
V702177		3.70	<0.005		<0.5	6.37	<5	120	<0.5	<2	5.33	<0.5	41	2	68	12.55
V702178		1.98	<0.005		<0.5	6.26	7	110	<0.5	2	4.71	<0.5	38	2	47	12.35
V702179		0.94	<0.005		<0.5	5.77	9	100	0.7	<2	5.68	<0.5	38	2	71	11.40
V702180		0.11	4.23	3.74	0.8	6.80	32	590	0.7	<2	2.47	0.9	17	61	148	5.10
V702181		2.09	<0.005		<0.5	6.05	<5	100	<0.5	<2	4.75	<0.5	38	2	59	12.20
V702182		3.37	<0.005		<0.5	5.99	5	100	<0.5	<2	4.59	<0.5	40	2	47	12.10
V702183		3.55	<0.005		<0.5	5.87	7	100	<0.5	<2	5.41	<0.5	39	2	48	11.95
V702184		3.55	<0.005		<0.5	5.75	6	100	<0.5	<2	5.23	<0.5	36	1	29	11.65
V702185		3.46	<0.005		<0.5	5.85	<5	100	<0.5	<2	5.05	<0.5	40	3	42	12.40
V702186		3.53	<0.005		<0.5	5.88	<5	80	<0.5	<2	4.86	<0.5	37	3	36	12.35
V702187		3.42	<0.005		<0.5	6.18	<5	80	<0.5	<2	5.36	<0.5	34	4	31	12.10
V702188		2.40	<0.005		<0.5	6.06	<5	30	<0.5	<2	5.12	<0.5	34	2	13	11.95
V702189		2.10	<0.005		<0.5	6.16	<5	20	<0.5	<2	5.23	<0.5	34	2	13	12.10
V702190		2.56	<0.005		<0.5	5.88	14	70	<0.5	<2	6.79	<0.5	37	1	31	11.85
V702191		2.44	<0.005		<0.5	5.53	13	70	<0.5	<2	5.34	<0.5	39	2	35	11.65
V702192		2.35	0.029		<0.5	5.94	<5	90	<0.5	<2	5.82	0.6	32	3	22	12.20
V702193		2.34	<0.005		<0.5	5.98	<5	80	<0.5	<2	5.81	0.7	35	3	27	12.15
V702194		2.27	<0.005		<0.5	6.35	<5	80	<0.5	3	5.08	0.5	39	5	54	12.60
V702195		1.11	<0.005		<0.5	5.71	<5	50	<0.5	<2	5.48	0.7	33	6	25	11.15
V702196		1.08	<0.005		<0.5	6.31	<5	30	<0.5	<2	5.25	0.5	33	4	22	11.35
V702197		2.33	<0.005		<0.5	6.28	<5	30	<0.5	<2	5.45	0.8	29	3	21	11.15
V702198		2.47	<0.005		<0.5	5.88	<5	30	<0.5	<2	5.20	0.6	37	2	33	12.15
V702199		2.29	<0.005		<0.5	5.66	10	10	<0.5	<2	5.27	0.6	37	3	34	12.10
V702200		0.88	<0.005		<0.5	7.26	<5	1010	1.2	<2	2.41	<0.5	17	75	38	4.86
V702201		1.98	0.011		<0.5	5.93	32	10	<0.5	2	5.12	0.8	41	3	31	12.50
V702202		0.63	0.008		<0.5	6.50	39	10	0.5	<2	2.73	<0.5	42	2	24	13.70
V702203		1.37	0.028		<0.5	5.04	6960	10	<0.5	2	9.75	0.8	26	5	69	9.03
V702204		1.40	0.275		<0.5	4.95	8910	20	<0.5	<2	5.71	0.7	25	9	165	9.78
V702205		1.05	0.245		<0.5	0.90	5730	10	<0.5	<2	3.47	<0.5	4	39	76	2.59
V702206		1.29	0.634		<0.5	3.35	>10000	10	<0.5	<2	2.98	0.6	36	29	353	9.12
V702207		1.33	0.574		<0.5	6.16	163	<10	<0.5	<2	4.42	0.7	43	5	147	15.95
V702208		2.43	0.012		<0.5	5.95	36	10	<0.5	<2	5.19	0.8	42	7	37	12.75
V702209		2.63	<0.005		<0.5	6.18	15	10	0.5	<2	4.89	0.6	44	4	57	14.05
V702210		2.63	<0.005		<0.5	5.92	<5	30	<0.5	<2	4.69	0.7	43	3	48	15.10

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CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702171		20	0.65	<10	1.71	2580	<1	1.33	3	460	<2	0.19	<5	39	148	<20
V702172		20	0.56	<10	1.30	2190	<1	1.67	<1	620	6	0.25	<5	34	181	<20
V702173		20	0.59	<10	1.36	2060	<1	1.56	<1	600	<2	0.13	<5	42	151	<20
V702174		20	0.64	<10	1.38	2040	<1	1.70	<1	480	<2	0.17	<5	44	152	<20
V702175		20	0.66	<10	1.49	2170	<1	1.68	<1	480	3	0.26	<5	49	138	<20
V702176		20	0.66	<10	1.51	2230	<1	1.69	1	480	<2	0.24	<5	48	162	<20
V702177		20	0.67	<10	1.49	2230	<1	1.85	<1	470	<2	0.25	<5	47	180	<20
V702178		20	0.60	<10	1.56	2180	<1	1.94	1	420	2	0.11	<5	49	162	<20
V702179		20	0.57	<10	1.41	2100	<1	1.90	2	410	3	0.18	<5	45	137	<20
V702180		20	1.07	10	1.50	846	7	2.16	42	750	42	0.14	10	16	269	<20
V702181		20	0.64	<10	1.51	2070	<1	1.98	1	480	2	0.20	<5	48	140	<20
V702182		20	0.60	<10	1.52	2100	1	1.81	1	460	<2	0.16	<5	47	143	<20
V702183		20	0.62	<10	1.49	2110	<1	1.38	1	430	4	0.18	<5	47	162	<20
V702184		20	0.63	<10	1.44	2090	<1	1.42	1	440	<2	0.10	<5	46	146	<20
V702185		20	0.63	<10	1.51	2150	<1	1.22	1	440	2	0.16	<5	49	155	<20
V702186		20	0.54	<10	1.62	2050	<1	1.10	1	390	2	0.11	<5	47	165	<20
V702187		20	0.48	<10	1.60	2180	<1	1.26	1	370	5	0.10	<5	43	176	<20
V702188		20	0.31	<10	1.92	1820	<1	1.56	<1	410	4	0.02	<5	49	132	<20
V702189		20	0.26	<10	2.05	2050	<1	1.84	1	440	3	0.01	<5	54	108	<20
V702190		20	0.49	<10	1.68	2310	<1	1.24	1	420	<2	0.13	<5	50	153	<20
V702191		20	0.43	<10	1.49	2220	<1	1.84	1	380	2	0.16	<5	48	91	<20
V702192		10	0.53	<10	1.60	2380	<1	1.61	<1	400	3	0.07	<5	51	111	<20
V702193		20	0.54	<10	1.61	2200	<1	1.57	<1	420	<2	0.06	<5	51	110	<20
V702194		20	0.49	<10	1.58	2290	<1	1.95	<1	350	2	0.23	<5	46	109	<20
V702195		20	0.37	<10	1.54	2030	<1	1.56	<1	380	5	0.07	<5	48	89	<20
V702196		20	0.33	<10	1.73	1950	<1	1.70	<1	450	3	0.03	<5	53	93	<20
V702197		10	0.46	<10	1.71	1995	<1	1.72	1	380	<2	<0.01	<5	53	88	<20
V702198		10	0.34	<10	1.64	2170	<1	1.78	<1	400	<2	0.12	<5	52	59	<20
V702199		10	0.19	<10	1.52	2120	<1	1.66	<1	410	<2	0.12	<5	50	65	<20
V702200		20	1.72	20	1.62	502	1	2.16	41	780	13	0.08	<5	15	457	<20
V702201		10	0.03	<10	1.60	2240	<1	1.70	<1	390	2	0.13	<5	53	90	<20
V702202		20	0.03	<10	1.84	2100	<1	1.73	<1	420	<2	0.14	<5	57	62	<20
V702203		10	0.13	<10	1.31	2100	<1	1.90	<1	280	4	0.70	<5	40	187	<20
V702204		10	0.45	<10	1.39	1695	<1	2.05	<1	350	7	1.43	<5	40	121	<20
V702205		<10	0.12	<10	0.21	579	2	0.48	<1	60	7	0.61	<5	7	52	<20
V702206		<10	0.15	<10	0.61	1090	1	1.65	1	1740	12	2.19	<5	17	59	<20
V702207		10	0.01	10	1.35	2470	<1	1.45	<1	5070	<2	0.91	<5	31	81	<20
V702208		20	0.02	10	1.04	2210	<1	1.77	<1	3970	<2	0.17	<5	33	90	<20
V702209		20	0.04	<10	1.18	2300	<1	1.76	<1	580	3	0.19	<5	31	48	<20
V702210		10	0.15	<10	1.35	2540	<1	1.51	<1	400	3	0.15	<5	30	40	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	PUL- QC Pass75um % 0.01	CRU- QC Pass2mm % 0.01
V702171		1.04	<10	<10	131	<10	76		
V702172		0.88	<10	<10	118	<10	65		
V702173		0.96	<10	<10	155	<10	45		92.3
V702174		0.99	<10	<10	167	<10	43		
V702175		1.14	<10	<10	197	<10	47		
V702176		1.15	<10	<10	202	<10	50		
V702177		1.08	<10	<10	180	<10	50		
V702178		1.13	<10	<10	201	<10	46		
V702179		1.05	<10	<10	184	<10	45		
V702180		0.37	<10	<10	139	40	292		
V702181		1.13	<10	<10	197	<10	46		
V702182		1.17	<10	<10	193	<10	53		
V702183		1.13	<10	<10	191	<10	58		
V702184		1.14	<10	<10	97	<10	56		
V702185		1.21	<10	<10	81	<10	62		
V702186		1.23	<10	<10	186	<10	54		
V702187		1.18	<10	<10	178	<10	61		89.5
V702188		1.36	<10	<10	180	<10	46		
V702189		1.50	<10	<10	112	<10	46		
V702190		1.34	<10	<10	158	<10	62		
V702191		1.30	<10	<10	184	<10	53	90.5	
V702192		1.40	<10	<10	206	<10	56	91.3	
V702193		1.39	<10	<10	201	<10	55		
V702194		1.40	<10	<10	200	<10	62		
V702195		1.36	10	<10	189	<10	52		
V702196		1.45	<10	<10	205	<10	50		
V702197		1.54	<10	<10	217	<10	43		
V702198		1.49	<10	<10	173	<10	50		
V702199		1.49	<10	<10	92	<10	57		
V702200		0.47	<10	<10	137	<10	93		
V702201		1.56	<10	<10	112	<10	75		
V702202		1.59	<10	<10	201	<10	95		
V702203		1.14	10	<10	166	<10	61		
V702204		1.12	10	<10	113	<10	63		
V702205		0.16	<10	<10	19	<10	8		
V702206		0.73	<10	<10	43	<10	34		
V702207		1.29	<10	<10	10	<10	87		
V702208		1.13	<10	<10	5	<10	59		
V702209		1.18	<10	<10	5	<10	64		
V702210		1.23	<10	<10	5	<10	63	90.5	94.1

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702211		1.74	<0.005		<0.5	6.23	<5	30	<0.5	<2	4.47	0.6	44	3	50	14.80
V702212		1.76	<0.005		<0.5	6.24	<5	50	<0.5	<2	4.34	0.7	45	4	52	14.40
V702213		3.58	<0.005		<0.5	6.20	<5	80	<0.5	<2	4.82	<0.5	45	8	76	13.70
V702214		2.67	<0.005		<0.5	5.77	<5	110	<0.5	<2	4.85	0.7	65	6	181	15.20
V702215		3.66	<0.005		<0.5	6.57	5	130	<0.5	5	4.66	0.5	49	5	50	14.75
V702216		3.57	<0.005		<0.5	6.48	<5	140	<0.5	<2	5.10	0.5	50	5	66	14.45
V702217		3.13	<0.005		<0.5	6.59	<5	100	<0.5	<2	5.15	0.6	42	6	53	12.95
V702218		3.74	0.008		<0.5	6.22	<5	100	<0.5	<2	4.79	0.6	37	6	38	12.40
V702219		3.39	0.097		<0.5	6.45	<5	80	<0.5	<2	5.13	0.5	36	6	67	12.30
V702220		0.11	4.11	3.93	0.5	7.11	24	600	0.8	<2	2.51	1.1	15	64	147	5.24
V702221		3.47	0.033		<0.5	6.71	<5	80	<0.5	<2	4.52	0.8	35	6	49	12.30
V702222		3.39	<0.005		<0.5	6.48	11	90	<0.5	<2	5.17	0.5	40	6	44	12.10
V702223		3.43	<0.005		<0.5	6.88	16	70	<0.5	<2	5.07	0.8	35	7	45	11.75
V702224		3.72	<0.005		<0.5	6.76	14	60	<0.5	<2	4.90	0.5	35	7	41	11.90
V702225		2.36	<0.005		<0.5	6.90	18	30	<0.5	<2	5.21	<0.5	37	7	48	12.15
V702226		2.31	<0.005		<0.5	6.90	9	70	0.5	2	4.64	<0.5	35	5	32	11.85
V702227		1.58	0.010		<0.5	6.23	6	90	<0.5	<2	4.46	0.5	42	4	52	12.45
V702228		2.20	<0.005		<0.5	6.48	13	90	<0.5	<2	5.18	0.7	44	4	68	12.60
V702229		3.34	<0.005		<0.5	6.68	<5	80	<0.5	<2	4.69	0.5	36	6	45	12.00
V702230		3.53	<0.005		<0.5	6.77	5	80	<0.5	<2	4.63	0.6	43	5	65	12.65
V702231		3.56	<0.005		<0.5	6.39	<5	40	<0.5	<2	5.22	<0.5	41	3	67	12.55
V702232		3.52	<0.005		<0.5	6.51	<5	60	<0.5	2	5.60	0.6	36	6	35	11.85
V702233		3.52	<0.005		<0.5	6.68	<5	80	<0.5	<2	5.16	0.7	35	5	34	12.40
V702234		2.18	<0.005		<0.5	7.13	<5	90	<0.5	<2	5.38	0.8	39	8	46	11.55
V702235		0.79	<0.005		<0.5	6.97	9	110	<0.5	<2	5.05	0.6	42	6	24	12.85
V702236		2.79	<0.005		<0.5	7.02	6	70	<0.5	<2	6.22	0.5	33	6	29	9.89
V702237		3.59	<0.005		<0.5	6.44	<5	80	<0.5	2	4.66	0.7	39	3	25	12.15
V702238		3.55	<0.005		<0.5	6.83	11	70	<0.5	<2	5.09	0.5	36	4	18	11.75
V702239		3.45	<0.005		<0.5	6.94	13	70	<0.5	<2	4.62	0.6	38	4	37	11.75
V702240		0.77	<0.005		<0.5	7.88	<5	1280	1.1	4	2.47	0.5	25	117	49	7.11
V702241		3.46	<0.005		<0.5	7.02	15	70	<0.5	<2	5.20	0.6	39	5	71	11.75
V702242		3.47	<0.005		<0.5	6.63	15	50	<0.5	<2	5.65	0.7	40	3	33	11.80
V702243		3.51	<0.005		<0.5	6.49	14	70	<0.5	2	5.78	0.6	43	2	41	12.05
V702244		3.46	<0.005		<0.5	6.59	18	60	<0.5	<2	6.43	0.7	46	4	74	12.10
V702245		2.77	<0.005		<0.5	6.87	25	30	<0.5	<2	5.87	0.5	44	3	59	11.60
V702246		2.85	<0.005		<0.5	6.58	24	10	<0.5	<2	5.40	0.6	42	4	54	9.78
V702247		3.46	<0.005		<0.5	7.21	17	50	<0.5	2	6.37	0.6	42	4	50	11.30
V702248		3.55	<0.005		<0.5	7.26	17	70	<0.5	<2	6.26	0.6	44	5	36	12.05
V702249		3.57	<0.005		<0.5	6.95	10	40	<0.5	<2	5.40	0.7	40	5	46	11.60
V702250		3.57	<0.005		<0.5	7.68	16	10	<0.5	<2	7.32	0.7	50	8	86	10.90

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Finalisée date: 4- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702211		10	0.16	<10	1.32	2420	<1	1.82	<1	400	<2	0.14	<5	34	49	<20
V702212		20	0.25	<10	1.29	2360	<1	1.85	<1	410	<2	0.18	<5	35	74	<20
V702213		20	0.43	<10	1.22	2250	<1	1.59	<1	430	<2	0.24	<5	35	119	<20
V702214		10	0.56	<10	1.31	2340	<1	1.41	<1	440	4	0.63	<5	39	106	<20
V702215		10	0.65	<10	1.38	2340	<1	1.64	1	440	3	0.18	<5	41	138	<20
V702216		20	0.69	<10	1.37	2270	<1	1.58	<1	420	<2	0.26	<5	41	147	<20
V702217		20	0.53	<10	1.43	2120	<1	1.80	3	450	3	0.14	<5	43	128	<20
V702218		20	0.48	<10	1.42	1975	<1	1.66	<1	460	3	0.12	<5	43	108	<20
V702219		10	0.42	<10	1.41	1820	<1	1.76	1	460	4	0.27	<5	45	101	<20
V702220		20	1.12	10	1.52	874	7	2.23	42	770	47	0.15	6	16	279	<20
V702221		20	0.42	<10	1.42	1880	<1	2.04	<1	450	4	0.19	<5	45	100	<20
V702222		20	0.44	<10	1.40	2020	<1	2.05	<1	460	<2	0.18	<5	42	114	<20
V702223		20	0.33	<10	1.42	2100	<1	2.05	<1	430	3	0.16	<5	38	130	<20
V702224		20	0.28	<10	1.45	2170	<1	2.05	<1	430	4	0.14	<5	42	111	<20
V702225		20	0.14	<10	1.47	2150	<1	2.38	<1	420	<2	0.11	<5	42	73	<20
V702226		20	0.30	<10	1.38	1955	<1	2.35	1	460	3	0.14	<5	39	112	<20
V702227		10	0.43	<10	1.45	2070	<1	2.15	1	490	2	0.22	<5	46	104	<20
V702228		10	0.43	<10	1.52	2140	<1	2.17	1	480	4	0.26	<5	46	104	<20
V702229		20	0.40	<10	1.52	2030	<1	2.04	<1	420	<2	0.15	<5	42	130	<20
V702230		10	0.38	<10	1.53	2080	<1	1.99	1	440	<2	0.21	<5	45	133	<20
V702231		20	0.22	<10	1.49	1755	<1	1.70	<1	480	<2	0.24	<5	48	114	<20
V702232		20	0.33	<10	1.59	1995	<1	1.70	<1	390	2	0.12	<5	46	134	<20
V702233		10	0.41	<10	1.62	2180	<1	1.69	<1	410	5	0.09	<5	49	157	<20
V702234		20	0.40	<10	1.35	2140	<1	2.04	1	370	4	0.13	<5	41	159	<20
V702235		20	0.48	<10	1.58	2390	<1	1.90	<1	370	<2	0.16	<5	48	145	<20
V702236		20	0.33	<10	1.18	1720	<1	2.40	<1	410	<2	0.05	<5	36	146	<20
V702237		20	0.39	<10	1.72	2000	<1	2.36	1	390	<2	0.07	<5	50	118	<20
V702238		20	0.34	<10	1.65	1985	<1	2.48	1	310	4	0.08	<5	47	123	<20
V702239		20	0.33	<10	1.63	1980	<1	2.52	1	360	<2	0.10	<5	46	108	<20
V702240		20	2.34	40	2.49	755	1	2.12	68	1200	18	0.12	<5	23	454	<20
V702241		20	0.28	<10	1.63	2020	<1	2.61	1	380	3	0.20	<5	46	93	<20
V702242		20	0.24	<10	1.80	1935	<1	1.91	<1	380	<2	0.14	<5	49	117	<20
V702243		20	0.30	<10	1.85	2080	<1	1.74	1	380	4	0.14	<5	50	140	<20
V702244		20	0.28	<10	1.78	2050	<1	1.75	<1	360	3	0.24	<5	49	131	<20
V702245		20	0.14	<10	1.73	1925	<1	2.17	<1	340	2	0.15	<5	47	73	<20
V702246		10	0.06	<10	1.46	1500	<1	2.69	<1	390	2	0.19	<5	40	45	<20
V702247		20	0.19	<10	1.70	1865	<1	2.20	1	350	2	0.14	<5	46	140	<20
V702248		20	0.26	<10	1.88	2010	<1	2.06	<1	380	2	0.12	<5	51	165	<20
V702249		20	0.15	<10	1.89	1845	<1	1.97	1	340	2	0.13	<5	48	122	<20
V702250		20	0.05	<10	1.69	1625	<1	1.67	2	340	5	0.28	<5	48	215	<20

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Finalisée date: 4- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	PUL- QC Pass75um % 0.01	CRU- QC Pass2mm % 0.01
V702211		1.35	<10	<10	5	<10	61		
V702212		1.30	<10	<10	4	<10	60		
V702213		1.30	<10	<10	7	<10	60		
V702214		1.41	<10	<10	6	<10	61		
V702215		1.61	<10	<10	7	<10	59		
V702216		1.55	10	<10	9	<10	53		
V702217		1.55	<10	<10	10	<10	62		
V702218		1.47	<10	<10	10	<10	59		
V702219		1.46	<10	<10	14	<10	57		
V702220		0.38	<10	<10	146	40	293		
V702221		1.49	<10	<10	15	<10	59		
V702222		1.41	<10	<10	20	<10	63		
V702223		1.43	10	<10	34	<10	66		
V702224		1.42	10	<10	37	<10	67		
V702225		1.53	<10	<10	64	<10	73		
V702226		1.36	<10	<10	34	<10	63		
V702227		1.33	10	<10	42	<10	54		
V702228		1.34	10	<10	45	<10	56		
V702229		1.25	<10	<10	104	<10	57		
V702230		1.32	<10	<10	106	<10	51		
V702231		1.32	10	<10	135	<10	40		
V702232		1.31	<10	<10	92	<10	49		
V702233		1.38	<10	<10	93	<10	89		
V702234		1.50	<10	<10	107	<10	111		
V702235		1.51	<10	<10	88	<10	107		
V702236		1.07	<10	<10	59	<10	54		
V702237		1.32	10	<10	90	<10	51		
V702238		1.39	10	<10	102	<10	50		
V702239		1.35	<10	<10	114	<10	64		
V702240		0.66	<10	<10	191	<10	135		
V702241		1.31	<10	<10	125	<10	85	89.3	
V702242		1.25	10	<10	130	<10	67	93.0	
V702243		1.26	<10	<10	141	<10	73		
V702244		1.27	<10	<10	168	<10	77		
V702245		1.19	<10	<10	182	<10	87		
V702246		1.04	<10	<10	157	<10	74		
V702247		1.22	<10	<10	200	<10	77		
V702248		1.28	<10	<10	226	<10	74		
V702249		1.25	<10	<10	222	<10	76		
V702250		1.20	<10	<10	233	<10	65	91.8	89.4

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CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702251		3.64	<0.005		<0.5	6.81	5	60	<0.5	<2	5.68	0.7	46	3	82	12.30
V702252		3.67	<0.005		<0.5	6.72	10	50	<0.5	<2	5.89	0.7	45	3	84	11.95
V702253		3.60	<0.005		<0.5	7.38	18	40	<0.5	<2	5.69	<0.5	43	4	67	11.45
V702254		3.47	<0.005		<0.5	6.65	29	20	<0.5	<2	6.16	<0.5	40	4	49	10.80
V702255		3.41	<0.005		<0.5	7.03	24	10	<0.5	<2	5.93	0.6	44	4	76	11.40
V702256		1.54	<0.005		<0.5	6.83	18	30	<0.5	<2	5.27	0.5	38	4	63	11.10
V702257		3.07	<0.005		<0.5	6.83	30	20	<0.5	<2	5.40	0.6	49	4	64	11.60
V702258		3.57	<0.005		<0.5	6.42	18	30	0.5	<2	4.94	0.7	35	4	44	11.25
V702259		3.64	<0.005		<0.5	5.99	16	20	0.5	<2	4.46	0.6	42	3	43	11.65
V702260		0.11	4.14	4.08	0.6	6.93	25	590	0.8	2	2.45	1.0	16	63	145	5.09
V702261		1.86	<0.005		<0.5	6.01	13	20	<0.5	<2	5.10	0.5	36	6	62	10.40
V702262		2.83	<0.005		<0.5	6.27	22	10	<0.5	3	5.31	<0.5	38	2	42	12.40
V702263		2.58	<0.005		<0.5	6.38	27	10	<0.5	<2	4.77	0.6	38	3	42	11.35
V702264		1.76	<0.005		<0.5	6.35	31	<10	<0.5	<2	4.35	0.7	48	2	64	12.50
V702265		1.33	0.009		0.7	6.54	86	<10	<0.5	<2	5.49	0.9	94	4	489	15.90
V702266		2.59	<0.005		<0.5	6.48	21	10	<0.5	3	4.44	0.5	54	2	73	12.95
V702267		3.13	<0.005		<0.5	6.47	12	20	<0.5	<2	5.26	<0.5	50	2	77	12.90
V702268		3.30	<0.005		<0.5	5.68	10	30	<0.5	<2	6.48	0.7	50	4	75	11.75
V702269		3.02	<0.005		<0.5	5.89	11	60	<0.5	<2	5.54	0.6	51	1	72	12.80
V702270		2.86	<0.005		<0.5	6.08	<5	30	<0.5	<2	5.10	0.7	42	5	61	10.90
V702271		2.36	<0.005		<0.5	6.21	<5	10	<0.5	<2	4.90	0.6	41	16	56	10.70
V702272		3.15	<0.005		<0.5	6.52	<5	10	<0.5	<2	5.96	1.0	57	5	472	14.15
V702273		3.52	<0.005		<0.5	7.19	<5	10	<0.5	<2	5.61	0.6	55	5	90	12.05
V702274		2.86	<0.005		<0.5	6.89	<5	40	<0.5	<2	5.89	0.6	53	3	83	12.80
V702275		3.50	<0.005		<0.5	6.59	<5	50	<0.5	<2	5.84	0.6	46	4	82	12.00
V702276		3.61	<0.005		<0.5	6.59	<5	60	<0.5	<2	5.82	<0.5	44	6	65	11.65
V702277		3.56	<0.005		<0.5	6.88	<5	50	<0.5	<2	6.16	0.7	48	6	74	11.20
V702278		3.50	<0.005		<0.5	7.11	8	40	<0.5	<2	6.07	0.5	48	6	66	11.65
V702279		2.97	<0.005		<0.5	7.01	19	50	<0.5	<2	6.18	0.7	59	7	134	12.20
V702280		0.79	<0.005		<0.5	7.23	<5	850	1.1	<2	2.75	<0.5	20	87	47	5.97
V702281		3.52	<0.005		<0.5	6.72	33	60	<0.5	3	6.25	1.0	63	7	75	12.80
V702282		3.64	<0.005		<0.5	6.57	35	80	<0.5	<2	5.95	0.5	51	5	63	12.55
V702283		3.33	<0.005		<0.5	7.00	36	30	<0.5	<2	5.96	0.6	51	5	80	11.70
V702284		2.66	0.043		<0.5	6.77	97	<10	<0.5	<2	4.42	0.5	53	6	65	11.95
V702285		2.60	<0.005		<0.5	6.91	45	10	<0.5	<2	5.31	0.5	59	5	127	13.70
V702286		3.57	<0.005		<0.5	6.35	39	30	<0.5	<2	6.40	0.6	46	4	68	11.45
V702287		2.41	<0.005		<0.5	5.89	43	30	<0.5	<2	5.75	0.5	47	2	53	12.00
V702288		2.49	<0.005		<0.5	6.99	49	10	<0.5	<2	5.60	<0.5	54	4	62	12.65
V702289		1.24	<0.005		<0.5	1.25	72	10	<0.5	3	1.77	0.5	3	24	42	2.27
V702290		0.81	0.011		<0.5	7.06	592	10	<0.5	3	4.36	0.6	61	6	217	13.20

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À: EXPLORATION MIDLAND INC
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Finalisée date: 4- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702251		20	0.24	<10	2.03	2190	<1	2.12	<1	380	<2	0.25	<5	52	138	<20
V702252		20	0.23	<10	1.99	1985	<1	1.92	<1	350	<2	0.24	<5	50	141	<20
V702253		20	0.19	<10	1.99	1925	<1	2.58	1	360	4	0.20	<5	48	124	<20
V702254		20	0.11	<10	1.91	1870	<1	2.29	<1	330	<2	0.15	<5	46	65	<20
V702255		20	0.17	<10	2.06	1800	<1	2.12	<1	320	2	0.23	<5	49	82	<20
V702256		20	0.22	<10	1.94	1700	<1	2.05	3	350	2	0.15	<5	45	88	<20
V702257		20	0.15	<10	2.09	1880	<1	2.13	<1	360	5	0.20	<5	46	83	<20
V702258		20	0.17	<10	1.91	1880	<1	1.93	<1	460	5	0.17	<5	46	109	<20
V702259		20	0.18	<10	2.37	1860	<1	1.52	1	460	6	0.16	<5	50	84	<20
V702260		10	1.09	10	1.48	861	7	2.17	40	750	45	0.14	<5	16	272	<20
V702261		20	0.16	<10	1.93	1760	<1	1.62	<1	610	10	0.31	<5	42	79	<20
V702262		20	0.14	<10	2.32	2140	<1	1.51	1	340	<2	0.20	<5	51	53	<20
V702263		20	0.04	<10	2.18	1925	<1	1.87	<1	290	2	0.17	<5	46	46	<20
V702264		20	0.04	<10	2.81	2090	<1	1.36	2	310	18	0.18	<5	52	41	<20
V702265		20	0.05	30	3.84	2460	<1	0.28	73	2390	564	0.20	<5	32	33	<20
V702266		10	0.04	<10	2.95	2230	<1	1.32	3	280	14	0.20	<5	53	51	<20
V702267		20	0.14	<10	2.39	2110	<1	1.61	<1	340	3	0.33	<5	53	115	<20
V702268		20	0.30	<10	2.15	2130	<1	1.52	1	290	4	0.31	<5	45	100	<20
V702269		10	0.37	<10	2.29	2180	<1	1.69	<1	350	2	0.28	<5	51	91	<20
V702270		10	0.15	<10	2.09	1715	<1	1.82	<1	510	4	0.23	<5	42	94	<20
V702271		10	0.05	<10	2.13	1800	<1	1.79	<1	440	133	0.14	<5	43	60	<20
V702272		20	0.11	10	2.87	2340	<1	0.95	13	340	4	0.24	<5	47	71	<20
V702273		20	0.08	<10	2.36	1715	<1	2.06	2	310	2	0.34	<5	50	154	<20
V702274		20	0.18	<10	2.40	1835	<1	2.00	1	300	2	0.28	<5	53	138	<20
V702275		10	0.21	<10	2.21	1665	<1	2.04	2	320	<2	0.23	<5	48	109	<20
V702276		20	0.24	<10	2.05	1645	<1	1.90	<1	290	2	0.24	<5	48	125	<20
V702277		20	0.17	<10	2.00	1665	<1	2.19	2	310	3	0.26	<5	48	124	<20
V702278		20	0.16	<10	2.11	1720	<1	2.21	<1	270	3	0.21	<5	48	130	<20
V702279		20	0.19	<10	2.10	1845	<1	2.01	<1	270	6	0.31	<5	50	135	<20
V702280		20	1.72	40	1.96	681	1	1.95	54	850	12	0.10	<5	19	386	<20
V702281		20	0.23	<10	2.24	2020	<1	1.85	2	280	4	0.25	<5	52	133	<20
V702282		10	0.32	<10	2.22	1945	<1	1.85	<1	270	3	0.23	<5	51	134	<20
V702283		20	0.16	<10	2.08	1750	<1	2.12	<1	260	2	0.26	<5	48	116	<20
V702284		20	0.03	<10	2.50	1760	<1	2.01	<1	240	7	0.27	<5	49	47	<20
V702285		20	0.05	<10	2.67	1910	<1	1.75	2	290	18	0.57	<5	54	57	<20
V702286		20	0.29	<10	2.10	1740	<1	1.55	<1	250	3	0.25	<5	47	104	<20
V702287		10	0.39	<10	2.27	1805	<1	0.96	<1	290	3	0.19	<5	48	105	<20
V702288		20	0.13	<10	2.34	1790	<1	1.65	2	230	2	0.28	<5	49	114	<20
V702289		<10	0.02	<10	0.29	339	1	0.61	<1	40	456	0.34	<5	7	17	<20
V702290		10	0.04	<10	2.36	1740	<1	2.34	1	250	3	1.10	<5	53	47	<20

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CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	PUL- QC Pass75um % 0.01	CRU- QC Pass2mm % 0.01
V702251		1.34	<10	<10	283	<10	76		
V702252		1.29	<10	<10	290	<10	74		
V702253		1.12	<10	<10	285	<10	78		
V702254		1.13	<10	<10	289	<10	86		
V702255		1.22	<10	<10	357	<10	80		
V702256		1.05	<10	<10	344	<10	75		
V702257		1.10	<10	<10	349	<10	85		
V702258		1.15	<10	<10	318	<10	71		
V702259		0.91	10	<10	260	<10	80		
V702260		0.37	<10	<10	142	40	284		
V702261		0.86	<10	<10	202	<10	77		
V702262		1.25	<10	<10	383	<10	97		
V702263		1.10	<10	<10	316	<10	94		
V702264		1.23	<10	<10	392	<10	108		
V702265		1.17	<10	<10	305	<10	142		
V702266		1.26	<10	<10	407	<10	107		93.3
V702267		1.25	10	<10	404	<10	85		
V702268		1.04	<10	<10	355	<10	75		
V702269		1.28	<10	<10	415	<10	76		
V702270		0.83	<10	<10	202	<10	74		
V702271		0.81	<10	<10	243	<10	85		
V702272		1.08	10	<10	380	<10	110		
V702273		1.16	<10	<10	431	<10	73		
V702274		1.24	10	<10	474	<10	69		
V702275		1.05	10	<10	387	<10	63		
V702276		1.16	<10	<10	419	<10	67		
V702277		1.08	<10	<10	376	<10	77		
V702278		1.09	<10	<10	410	<10	83		
V702279		1.20	<10	<10	452	<10	89		
V702280		0.53	<10	<10	151	<10	114		
V702281		1.25	<10	<10	484	<10	98		
V702282		1.24	<10	<10	478	<10	87		
V702283		1.13	<10	<10	443	<10	85	86.6	
V702284		1.21	<10	<10	498	<10	90		
V702285		1.41	<10	<10	539	<10	87		
V702286		1.11	<10	<10	452	<10	66		
V702287		1.19	10	<10	497	<10	74		
V702288		1.23	<10	<10	578	<10	85		
V702289		0.16	<10	<10	78	<10	15		
V702290		1.27	10	<10	422	<10	108	92.1	94.7

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CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702291		2.62	0.016		<0.5	6.55	43	20	<0.5	<2	5.46	0.7	57	3	71	12.75
V702292		3.50	<0.005		<0.5	6.49	41	50	<0.5	<2	6.36	0.8	54	5	76	11.30
V702293		3.72	<0.005		<0.5	6.23	35	70	<0.5	<2	6.17	<0.5	54	4	58	12.00
V702294		3.54	<0.005		<0.5	6.33	22	50	<0.5	<2	5.99	0.6	53	3	66	12.10
V702295		3.70	<0.005		<0.5	6.68	17	60	<0.5	2	5.63	0.5	50	4	59	12.15
V702296		3.73	<0.005		<0.5	6.70	6	50	<0.5	<2	6.06	0.6	52	4	63	12.40
V702297		3.85	<0.005		<0.5	6.56	6	30	<0.5	5	5.93	0.8	51	5	81	12.65
V702298		3.83	<0.005		<0.5	7.05	13	20	<0.5	<2	4.53	0.6	83	4	138	13.80
V702299		3.74	<0.005		<0.5	6.44	<5	20	<0.5	<2	5.71	0.5	53	2	55	13.50
V702300		0.10	3.93	4.10	0.7	6.85	25	580	0.8	<2	2.42	1.1	15	62	148	5.06
V702301		3.83	<0.005		<0.5	6.08	<5	30	<0.5	2	5.85	0.6	53	3	78	12.45
V702302		3.21	<0.005		<0.5	6.40	7	60	<0.5	<2	6.24	0.5	53	4	80	12.15
V702303		2.95	<0.005		<0.5	6.40	12	40	<0.5	<2	6.19	0.5	52	3	73	12.00

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CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702291		20	0.09	<10	2.24	2020	<1	1.49	<1	270	5	0.33	<5	53	79	<20
V702292		20	0.23	<10	2.01	1890	<1	1.71	<1	250	8	0.22	6	48	116	<20
V702293		10	0.31	<10	2.03	1925	<1	1.72	<1	270	6	0.22	<5	49	85	<20
V702294		20	0.24	<10	2.11	1875	<1	1.83	<1	260	6	0.26	<5	50	76	<20
V702295		20	0.23	<10	2.19	1855	<1	2.04	1	270	5	0.21	<5	50	107	<20
V702296		20	0.18	<10	2.30	1980	<1	1.98	1	300	3	0.22	<5	51	117	<20
V702297		20	0.12	<10	2.34	2130	<1	1.67	<1	270	6	0.32	<5	50	128	<20
V702298		20	0.08	<10	2.83	2280	<1	1.86	45	260	5	0.56	<5	47	90	<20
V702299		20	0.14	<10	2.83	2270	<1	1.46	3	220	6	0.20	<5	54	76	<20
V702300		10	1.07	10	1.47	858	8	2.15	43	750	48	0.14	5	16	269	<20
V702301		20	0.29	<10	2.31	2030	<1	1.41	1	270	6	0.27	<5	48	59	<20
V702302		20	0.32	<10	2.25	1905	<1	2.02	2	250	7	0.27	<5	48	94	<20
V702303		20	0.19	<10	2.28	1905	<1	1.94	<1	250	3	0.24	5	48	88	<20

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Finalisée date: 4- AOUT- 2017
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CERTIFICAT D'ANALYSE SD17132747

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	PUL- QC Pass75um % 0.01	CRU- QC Pass2mm % 0.01
V702291		1.22	10	<10	418	<10	132		
V702292		1.09	<10	<10	378	<10	110		
V702293		1.23	<10	<10	453	<10	98		
V702294		1.23	<10	<10	455	<10	97		
V702295		1.17	<10	<10	443	<10	88		
V702296		1.24	<10	<10	477	<10	89		
V702297		1.30	<10	<10	534	<10	86		
V702298		1.24	10	<10	486	<10	96		
V702299		1.25	<10	<10	567	<10	91		
V702300		0.36	10	<10	141	40	286		
V702301		1.13	<10	<10	586	<10	88		
V702302		1.16	<10	<10	575	<10	76		
V702303		1.12	10	<10	578	<10	79		

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CERTIFICAT D'ANALYSE SD17132747

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

CERTIFICAT SD17132764

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 147 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 23- JUIN- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702001		0.78	0.007		<0.5	7.73	<5	1310	0.9	<2	2.57	<0.5	32	149	86	8.40
V702002		2.20	0.005		<0.5	2.62	<5	340	1.3	<2	1.59	<0.5	1	62	5	0.99
V702003		1.72	<0.005		<0.5	7.16	<5	220	1.7	<2	1.10	<0.5	11	77	5	3.82
V702004		2.19	<0.005		<0.5	6.68	<5	340	1.9	<2	0.48	<0.5	10	75	12	5.04
V702005		1.42	<0.005		<0.5	7.46	8	250	1.6	<2	0.73	<0.5	18	87	37	7.84
V702006		3.04	<0.005		<0.5	6.92	9	280	1.8	<2	0.72	<0.5	17	75	44	7.16
V702007		0.93	0.006		<0.5	7.28	16	330	1.7	<2	1.00	<0.5	18	78	15	7.39
V702008		0.84	<0.005		<0.5	4.08	8	190	1.0	<2	1.11	<0.5	10	66	17	3.37
V702009		0.98	<0.005		<0.5	6.80	10	320	1.5	<2	0.31	<0.5	16	68	49	7.99
V702010		3.05	0.009		<0.5	7.38	<5	470	1.8	<2	0.57	<0.5	18	84	67	7.87
V702011		3.40	0.011		<0.5	6.71	6	420	1.7	<2	0.77	<0.5	20	69	95	9.41
V702012		2.70	<0.005		<0.5	5.18	12	270	1.2	<2	0.42	<0.5	16	67	43	6.02
V702013		0.74	0.019		<0.5	6.33	36	370	1.4	<2	0.70	<0.5	24	69	162	12.90
V702014		3.40	0.007		<0.5	5.33	11	310	1.3	<2	0.25	<0.5	16	78	62	6.72
V702015		1.33	0.007		<0.5	6.78	<5	510	1.6	<2	0.32	<0.5	15	77	109	6.29
V702016		3.36	0.008		<0.5	7.70	<5	560	1.7	<2	0.32	<0.5	19	75	169	7.72
V702017		3.34	0.017		<0.5	8.28	481	600	1.8	<2	0.29	<0.5	27	79	152	8.01
V702018		3.62	0.006		<0.5	7.57	<5	580	1.8	<2	0.49	<0.5	18	77	95	6.90
V702019		2.03	0.008		<0.5	7.89	80	620	2.1	<2	0.30	<0.5	20	78	57	7.03
V702020		0.11	4.20	4.06	0.5	7.15	32	610	0.8	<2	2.52	0.9	19	64	153	5.33
V702021		1.38	<0.005		<0.5	5.57	31	350	1.5	<2	0.60	<0.5	8	47	5	3.03
V702022		3.22	<0.005		<0.5	7.32	66	600	2.2	<2	0.82	<0.5	11	63	2	4.38
V702023		2.45	<0.005		<0.5	7.03	23	420	1.8	<2	0.87	<0.5	9	44	1	3.47
V702024		2.53	0.008		<0.5	6.54	27	300	1.4	<2	0.55	<0.5	8	46	1	3.16
V702025		2.87	0.005		<0.5	7.19	32	530	1.8	<2	1.07	<0.5	9	43	<1	3.47
V702026		2.08	0.005		<0.5	6.43	29	510	1.7	<2	0.35	<0.5	9	47	1	3.22
V702027		3.10	0.006		<0.5	5.83	23	400	1.5	<2	0.56	<0.5	9	45	1	3.14
V702028		3.02	<0.005		<0.5	6.99	31	640	1.9	<2	0.95	<0.5	8	49	2	2.97
V702029		2.31	<0.005		<0.5	7.01	34	420	1.3	<2	1.95	<0.5	10	45	7	3.55
V702030		3.42	<0.005		<0.5	7.46	27	360	1.2	<2	1.21	<0.5	8	45	14	3.32
V702031		3.45	<0.005		<0.5	7.99	37	620	2.0	<2	1.02	<0.5	11	53	2	3.49
V702032		3.14	<0.005		<0.5	7.25	31	250	1.4	<2	1.05	<0.5	10	35	1	3.73
V702033		3.33	<0.005		<0.5	6.17	18	240	1.3	<2	1.14	<0.5	11	21	4	5.35
V702034		2.56	0.018		<0.5	5.31	7	120	0.9	<2	1.84	<0.5	6	23	1	4.40
V702035		2.13	0.223		<0.5	4.12	18	90	0.7	2	1.39	<0.5	12	28	1	5.14
V702036		1.09	<0.005		<0.5	6.00	31	210	1.2	3	2.28	0.5	19	21	1	6.96
V702037		3.11	<0.005		<0.5	5.93	17	90	0.9	<2	1.01	<0.5	15	20	3	4.68
V702038		2.34	<0.005		<0.5	5.81	29	110	1.0	<2	1.12	<0.5	19	18	30	5.73
V702039		3.41	0.011		<0.5	5.83	37	160	1.1	<2	0.94	<0.5	14	24	18	5.78
V702040		0.83	<0.005		<0.5	7.31	<5	1090	1.0	<2	2.41	<0.5	20	106	23	5.66

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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702001		20	2.20	30	2.72	1030	2	1.90	75	1310	11	0.23	<5	31	431	<20
V702002		10	0.88	<10	0.18	507	4	0.81	3	40	<2	0.01	<5	1	75	<20
V702003		20	0.95	10	1.15	938	1	4.05	20	420	3	0.05	<5	8	122	<20
V702004		20	1.29	20	1.23	775	1	2.95	20	130	3	0.07	<5	8	81	<20
V702005		20	0.96	20	1.58	1855	1	3.22	32	230	3	0.31	<5	9	105	<20
V702006		20	1.16	20	1.26	1630	1	2.42	29	150	9	0.39	<5	8	108	<20
V702007		20	1.85	20	1.31	1355	1	1.78	26	160	7	0.68	<5	8	113	<20
V702008		10	0.94	10	0.62	1625	3	1.53	13	70	11	0.08	<5	4	129	<20
V702009		20	1.51	20	1.27	918	1	1.49	38	190	8	0.49	<5	8	61	<20
V702010		20	2.43	20	1.30	1035	3	1.11	38	270	4	1.01	<5	9	67	<20
V702011		20	2.34	20	1.40	1835	2	0.96	39	370	7	1.22	<5	9	75	<20
V702012		10	1.46	20	0.94	1185	3	1.14	22	180	4	0.54	<5	6	57	<20
V702013		20	1.97	20	1.52	2220	2	0.58	46	1270	<2	2.67	<5	9	58	<20
V702014		10	1.76	20	0.97	1090	3	1.15	30	170	<2	0.86	<5	7	50	<20
V702015		20	3.07	20	1.13	923	3	1.13	45	140	7	1.36	<5	9	56	<20
V702016		20	3.26	20	1.03	555	7	1.32	62	160	5	2.37	<5	10	57	<20
V702017		20	3.35	30	1.05	598	7	1.59	60	230	5	2.39	7	10	52	<20
V702018		20	3.47	20	1.19	643	3	0.99	46	180	6	1.35	<5	11	52	<20
V702019		20	3.61	30	1.31	834	3	1.06	43	160	6	0.56	<5	12	48	<20
V702020		20	1.13	10	1.55	892	7	2.25	42	780	49	0.14	5	16	280	<20
V702021		10	1.50	20	0.60	474	2	2.30	13	210	5	0.04	<5	8	100	<20
V702022		20	2.62	30	0.93	743	2	1.97	20	280	10	0.02	<5	10	94	<20
V702023		20	1.79	30	0.70	549	1	3.11	11	260	5	0.01	<5	9	111	<20
V702024		10	1.31	20	0.55	476	1	3.37	13	270	5	<0.01	<5	8	91	<20
V702025		20	1.92	30	0.78	656	1	3.02	12	300	5	<0.01	<5	10	96	<20
V702026		20	1.76	20	0.58	502	2	2.60	13	290	4	0.01	<5	8	72	<20
V702027		10	1.55	20	0.60	531	2	2.35	13	320	4	<0.01	<5	7	70	<20
V702028		20	2.16	30	0.82	603	1	2.47	18	330	4	<0.01	<5	8	101	<20
V702029		20	1.50	20	1.02	1070	1	3.59	16	200	7	<0.01	6	8	140	<20
V702030		20	1.25	10	0.93	953	1	4.25	15	240	12	<0.01	<5	10	143	<20
V702031		20	2.20	30	0.99	775	1	3.31	21	300	6	<0.01	<5	10	125	<20
V702032		20	1.47	40	0.71	1000	1	3.53	15	240	5	<0.01	<5	12	90	<20
V702033		20	1.51	30	0.55	1025	<1	2.49	5	720	5	0.03	<5	13	86	<20
V702034		20	0.90	30	0.39	981	1	2.81	2	470	<2	0.03	<5	13	93	<20
V702035		10	0.74	20	0.41	1005	2	2.02	5	370	<2	0.01	<5	12	49	<20
V702036		20	1.42	30	0.64	1480	1	2.34	7	490	3	0.03	<5	19	68	<20
V702037		20	0.48	40	0.49	750	1	3.15	5	480	6	0.01	<5	14	55	<20
V702038		20	0.62	20	0.40	974	1	2.91	3	340	5	0.29	<5	14	91	<20
V702039		20	1.03	30	0.35	1005	1	2.85	2	290	7	0.15	<5	15	75	<20
V702040		20	1.84	30	1.89	601	1	2.05	45	950	12	0.05	<5	19	449	<20

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CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702001		0.74	<10	<10	221	<10	138		
V702002		0.04	<10	<10	12	<10	15	96.4	96.7
V702003		0.23	<10	<10	80	<10	70		
V702004		0.22	<10	<10	73	<10	62		
V702005		0.27	<10	<10	92	<10	80		
V702006		0.24	<10	<10	84	<10	66		
V702007		0.23	<10	<10	95	<10	56		
V702008		0.11	<10	<10	37	<10	21		
V702009		0.22	<10	<10	80	<10	81		
V702010		0.24	<10	<10	119	<10	89		
V702011		0.21	10	<10	103	<10	82		
V702012		0.15	<10	<10	69	<10	85		
V702013		0.20	<10	<10	115	<10	122		
V702014		0.16	<10	<10	92	<10	69		
V702015		0.12	<10	<10	145	<10	38		
V702016		0.11	<10	<10	180	<10	52		
V702017		0.12	<10	<10	176	<10	61		
V702018		0.14	<10	<10	136	<10	37		
V702019		0.15	<10	<10	137	<10	44		
V702020		0.37	<10	<10	146	40	291		
V702021		0.14	<10	<10	63	<10	28		
V702022		0.14	<10	<10	91	<10	35		
V702023		0.12	<10	<10	61	<10	33		
V702024		0.14	<10	<10	52	<10	26		
V702025		0.16	<10	<10	67	<10	27		
V702026		0.13	<10	<10	54	<10	30		
V702027		0.12	<10	<10	45	<10	29		
V702028		0.16	<10	<10	51	<10	27		
V702029		0.14	10	<10	43	<10	26		
V702030		0.14	<10	<10	37	<10	25		
V702031		0.20	<10	<10	54	<10	32		
V702032		0.17	<10	<10	34	<10	29		
V702033		0.13	<10	<10	12	<10	36		
V702034		0.08	10	<10	4	<10	21		
V702035		0.05	<10	<10	4	<10	27		
V702036		0.08	<10	<10	8	<10	40		
V702037		0.12	<10	<10	5	<10	65		
V702038		0.11	<10	<10	3	<10	54		
V702039		0.07	<10	<10	2	<10	37		
V702040		0.57	<10	<10	156	<10	107	98.5	90.1

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CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702041		1.11	0.024		<0.5	4.73	17	130	0.9	<2	0.67	<0.5	12	29	3	4.64
V702042		3.37	0.005		<0.5	5.76	24	140	1.1	<2	1.07	<0.5	15	19	35	6.05
V702043		3.27	<0.005		<0.5	5.65	19	150	1.0	<2	1.32	<0.5	18	21	14	6.15
V702044		3.46	0.005		<0.5	5.79	16	140	1.0	<2	1.29	<0.5	13	16	3	5.40
V702045		3.50	<0.005		<0.5	5.44	14	190	1.1	<2	1.81	<0.5	13	19	6	5.49
V702046		1.22	0.213		<0.5	5.79	26	310	1.5	<2	0.95	<0.5	16	20	44	5.75
V702047		2.69	0.016		<0.5	5.58	12	280	1.4	<2	0.91	<0.5	8	14	8	6.10
V702048		2.09	0.042		<0.5	5.42	12	180	1.1	<2	0.42	<0.5	10	20	9	6.15
V702049		2.73	0.051		<0.5	4.62	114	130	0.8	<2	0.96	<0.5	21	24	5	4.69
V702050		2.03	0.893		<0.5	6.16	51	140	1.2	<2	1.90	<0.5	33	13	2	5.20
V702051		2.36	0.026		<0.5	5.27	25	130	0.9	<2	1.65	<0.5	13	17	2	5.59
V702052		3.47	<0.005		<0.5	5.69	12	130	1.1	<2	1.30	<0.5	12	14	6	6.33
V702053		3.25	<0.005		<0.5	5.60	6	80	1.0	<2	1.35	<0.5	9	17	3	6.41
V702054		2.56	0.011		<0.5	5.32	12	100	1.3	2	1.92	<0.5	16	12	54	6.41
V702055		3.42	0.095		<0.5	5.49	7	60	0.9	<2	1.56	<0.5	9	14	4	6.60
V702056		1.47	0.010		<0.5	5.65	8	80	1.0	<2	1.30	<0.5	12	12	12	7.08
V702057		2.12	0.009		<0.5	5.25	12	370	1.5	<2	1.08	<0.5	8	21	47	6.20
V702058		3.30	<0.005		<0.5	5.61	17	100	0.8	<2	1.38	<0.5	18	16	2	7.53
V702059		3.27	0.020		<0.5	5.57	27	170	1.0	<2	1.73	<0.5	11	14	7	6.39
V702060		0.11	4.04	3.90	0.7	6.94	30	600	0.8	<2	2.47	1.1	19	63	151	5.22
V702061		2.10	0.092		<0.5	5.52	177	150	1.0	<2	1.67	<0.5	14	13	37	6.70
V702062		3.65	0.072		<0.5	6.35	22	220	1.4	<2	1.83	<0.5	11	11	11	7.06
V702063		3.60	0.007		<0.5	5.62	19	190	1.2	<2	1.64	<0.5	16	17	4	5.48
V702064		3.52	0.006		<0.5	5.55	17	180	1.2	<2	1.68	<0.5	17	14	7	6.74
V702065		2.25	<0.005		<0.5	5.58	18	90	1.0	<2	1.43	<0.5	19	12	16	7.19
V702066		1.34	0.010		<0.5	4.90	47	150	1.1	<2	1.33	<0.5	12	18	15	5.14
V702067		3.56	0.005		<0.5	5.70	14	90	1.1	<2	1.12	<0.5	15	12	8	6.89
V702068		2.66	0.006		<0.5	5.74	16	70	1.1	<2	0.96	<0.5	19	13	17	6.92
V702069		2.78	0.010		<0.5	5.70	22	240	1.4	<2	1.12	<0.5	14	19	28	6.67
V702070		2.66	0.005		<0.5	5.58	13	200	1.2	<2	1.11	<0.5	12	19	10	4.21
V702071		3.44	0.007		<0.5	5.64	12	180	1.3	<2	1.38	<0.5	13	15	6	7.22
V702072		3.45	0.005		<0.5	5.58	8	110	1.1	<2	1.42	<0.5	10	15	4	6.06
V702073		3.48	<0.005		<0.5	5.36	24	40	0.7	<2	1.86	<0.5	21	14	1	7.75
V702074		3.50	<0.005		<0.5	5.42	12	40	0.6	<2	1.82	<0.5	13	13	2	8.09
V702075		2.50	<0.005		<0.5	5.37	21	90	0.8	<2	2.00	<0.5	18	12	3	7.80
V702076		2.89	0.005		<0.5	5.57	13	260	1.3	<2	1.16	<0.5	11	15	4	6.40
V702077		3.42	0.005		<0.5	5.69	9	210	1.3	2	1.05	<0.5	12	22	24	5.08
V702078		2.15	0.006		<0.5	5.41	24	270	1.5	<2	1.59	<0.5	22	16	7	6.27
V702079		3.53	<0.005		<0.5	5.34	9	110	1.0	<2	1.79	<0.5	11	14	1	7.35
V702080		0.73	<0.005		<0.5	7.73	<5	960	1.3	<2	2.37	<0.5	17	91	65	5.21

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Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702041		20	0.79	20	0.30	728	2	2.27	5	190	3	0.02	<5	11	62	<20
V702042		20	0.58	30	0.36	1025	1	2.95	3	260	4	0.22	<5	14	77	<20
V702043		20	0.48	40	0.48	917	2	2.53	3	230	5	0.11	<5	12	56	<20
V702044		20	0.57	30	0.38	832	2	2.89	4	240	4	0.01	<5	12	61	<20
V702045		20	0.99	30	0.50	942	1	1.84	2	210	3	0.06	<5	12	72	<20
V702046		30	1.79	40	0.33	960	1	1.37	2	280	4	0.54	<5	14	66	<20
V702047		20	1.37	30	0.27	1130	1	2.16	2	260	5	0.09	<5	13	88	<20
V702048		20	0.87	20	0.19	1140	1	2.76	1	280	4	0.11	<5	10	90	<20
V702049		20	0.77	30	0.25	859	1	2.40	5	210	4	0.09	<5	10	71	<20
V702050		20	0.91	10	0.34	1155	1	3.65	5	110	<2	0.02	<5	15	89	<20
V702051		20	0.83	10	0.34	1160	1	2.85	3	170	<2	0.03	5	15	94	<20
V702052		20	0.38	10	0.20	1070	1	2.97	2	260	2	0.06	<5	15	126	<20
V702053		20	0.22	<10	0.17	959	1	2.94	3	260	<2	0.03	<5	14	134	<20
V702054		20	0.28	10	0.14	906	1	2.78	21	180	3	0.40	8	10	144	<20
V702055		20	0.13	<10	0.16	995	<1	2.98	1	250	4	0.04	<5	11	140	<20
V702056		20	0.18	<10	0.20	902	1	2.96	2	270	2	0.18	<5	13	119	<20
V702057		20	0.86	<10	0.20	1075	1	2.48	3	360	3	0.17	<5	14	90	<20
V702058		20	0.17	<10	0.25	822	1	2.69	4	510	3	0.01	<5	17	108	<20
V702059		20	0.45	<10	0.24	954	1	2.76	1	350	<2	0.09	5	12	128	<20
V702060		10	1.10	10	1.52	880	7	2.20	41	770	43	0.14	5	16	274	<20
V702061		20	0.73	<10	0.27	1175	1	2.63	2	330	3	0.37	<5	15	133	<20
V702062		20	1.41	<10	0.38	1175	<1	2.65	3	390	3	0.20	<5	16	126	<20
V702063		20	0.94	10	0.44	762	1	2.23	4	340	4	0.13	<5	12	112	<20
V702064		20	0.68	<10	0.51	1040	1	2.04	6	420	<2	0.21	<5	15	103	<20
V702065		20	0.37	<10	0.44	1135	1	2.40	4	390	3	0.17	<5	13	123	<20
V702066		20	0.64	<10	0.25	1020	1	2.31	3	310	5	0.57	<5	11	104	<20
V702067		20	0.34	<10	0.30	1115	<1	2.83	3	370	3	0.13	<5	11	120	<20
V702068		20	0.30	<10	0.34	1185	1	2.86	4	440	4	0.28	<5	11	102	<20
V702069		20	1.34	<10	0.32	1350	1	2.33	5	350	3	0.31	<5	12	85	<20
V702070		20	0.83	<10	0.20	925	1	3.14	3	300	5	0.17	<5	12	73	<20
V702071		20	0.71	<10	0.36	1380	1	2.19	4	350	<2	0.11	<5	13	109	<20
V702072		20	0.40	<10	0.23	1100	1	2.69	2	370	2	0.06	<5	12	114	<20
V702073		20	0.12	<10	0.16	1325	<1	2.62	2	420	2	0.01	<5	13	101	<20
V702074		20	0.13	<10	0.12	1465	1	2.75	3	470	<2	0.02	<5	13	99	<20
V702075		20	0.34	<10	0.12	1305	1	2.58	3	430	3	0.03	<5	12	102	<20
V702076		20	1.41	<10	0.14	1175	1	2.15	3	400	4	0.05	<5	10	87	<20
V702077		20	1.27	<10	0.15	929	1	2.54	3	310	5	0.27	<5	14	105	<20
V702078		20	1.48	<10	0.23	1315	1	1.79	4	420	4	0.07	<5	11	90	<20
V702079		20	0.46	<10	0.15	1200	1	2.39	3	390	<2	0.01	<5	10	105	<20
V702080		20	1.77	40	1.58	610	1	2.19	41	890	18	0.18	<5	21	416	<20

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À: EXPLORATION MIDLAND INC
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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702041		0.05	<10	<10	2	<10	30		
V702042		0.08	<10	<10	1	<10	45		
V702043		0.08	<10	<10	1	<10	64		
V702044		0.09	<10	<10	1	<10	55		
V702045		0.10	<10	<10	<1	<10	62		
V702046		0.09	<10	<10	1	<10	30		
V702047		0.09	<10	<10	<1	<10	26		
V702048		0.11	<10	<10	<1	<10	23		
V702049		0.05	<10	<10	3	<10	21		
V702050		0.04	<10	<10	6	<10	24		
V702051		0.05	<10	<10	3	<10	26		
V702052		0.20	<10	<10	<1	<10	36		
V702053		0.23	<10	<10	<1	<10	37		
V702054		0.21	<10	<10	1	<10	30		
V702055		0.21	<10	<10	<1	<10	32		
V702056		0.18	<10	<10	<1	<10	33		
V702057		0.11	<10	<10	1	<10	16		
V702058		0.26	<10	<10	1	<10	35		
V702059		0.18	<10	<10	1	<10	30		
V702060		0.36	<10	<10	143	40	288		
V702061		0.15	<10	<10	1	<10	27		
V702062		0.07	<10	<10	2	<10	30		
V702063		0.12	<10	<10	1	<10	33		
V702064		0.20	<10	<10	2	<10	47		
V702065		0.18	<10	<10	1	<10	55		
V702066		0.10	<10	<10	2	<10	27		
V702067		0.14	<10	<10	1	<10	53		
V702068		0.14	<10	<10	3	<10	67	96.2	
V702069		0.12	<10	<10	2	<10	30		
V702070		0.12	<10	<10	2	<10	21		
V702071		0.16	<10	<10	1	<10	51		
V702072		0.20	<10	<10	2	<10	42		
V702073		0.18	10	<10	2	<10	50		
V702074		0.19	<10	<10	1	<10	48		
V702075		0.20	<10	<10	<1	<10	47		
V702076		0.20	<10	<10	1	<10	22		
V702077		0.19	<10	<10	2	<10	17		
V702078		0.19	<10	<10	3	<10	23		
V702079		0.20	<10	<10	1	<10	39		
V702080		0.46	<10	<10	127	<10	93	97.6	89.0

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CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702081		3.53	0.006		<0.5	5.24	7	90	1.0	<2	1.86	<0.5	13	11	3	7.63
V702082		3.58	<0.005		<0.5	5.31	6	40	1.1	<2	2.06	<0.5	13	13	2	8.19
V702083		3.26	0.006		<0.5	5.38	6	30	1.1	<2	1.87	<0.5	12	13	1	8.25
V702084		3.20	<0.005		<0.5	5.27	5	40	1.1	<2	1.90	<0.5	12	12	3	7.95
V702085		3.48	0.010		<0.5	5.37	5	60	1.1	<2	1.70	<0.5	14	22	2	7.59
V702086		2.39	<0.005		<0.5	5.34	8	70	1.1	<2	1.66	<0.5	13	12	1	7.99
V702087		3.78	<0.005		<0.5	5.53	5	70	1.1	<2	1.86	<0.5	15	13	3	8.54
V702088		3.42	<0.005		<0.5	5.59	7	90	0.9	<2	1.63	<0.5	13	11	1	7.69
V702089		3.53	<0.005		<0.5	5.62	<5	60	0.9	<2	1.38	<0.5	13	16	1	8.27
V702090		3.33	<0.005		<0.5	5.67	5	90	1.4	<2	2.22	<0.5	10	14	1	5.94
V702304		1.01	<0.005		<0.5	7.78	<5	1220	0.9	<2	2.57	0.5	25	129	45	7.34
V702305		2.90	0.059		<0.5	5.20	23	150	0.8	<2	1.14	<0.5	10	20	14	6.89
V702306		3.27	<0.005		<0.5	5.73	14	110	0.9	<2	1.68	<0.5	17	11	8	8.09
V702307		1.90	<0.005		<0.5	5.58	11	190	1.0	<2	2.03	<0.5	12	15	11	7.56
V702308		0.95	<0.005		<0.5	1.26	<5	70	<0.5	2	0.43	<0.5	3	53	3	2.14
V702309		1.76	0.005		<0.5	4.69	9	130	0.7	4	2.25	<0.5	8	33	1	5.59
V702310		1.70	0.005		<0.5	5.82	12	110	0.8	<2	1.57	<0.5	13	16	4	6.93
V702311		1.94	<0.005		<0.5	5.63	9	140	0.8	<2	2.00	<0.5	10	14	4	6.59
V702312		2.23	<0.005		<0.5	5.67	10	480	1.8	2	2.82	<0.5	10	19	9	5.38
V702313		3.04	<0.005		<0.5	5.44	14	420	1.5	<2	2.31	<0.5	15	20	1	7.02
V702314		3.36	<0.005		<0.5	5.71	12	550	1.8	<2	2.78	<0.5	10	14	13	6.56
V702315		3.03	<0.005		<0.5	5.84	8	170	1.0	<2	2.23	<0.5	11	13	6	7.76
V702316		3.41	<0.005		<0.5	5.76	8	150	0.9	<2	2.07	<0.5	11	9	3	7.31
V702317		3.36	<0.005		<0.5	5.57	20	160	0.8	<2	2.82	<0.5	14	14	3	7.01
V702318		3.26	<0.005		<0.5	5.80	12	160	1.0	<2	2.26	<0.5	9	20	4	6.74
V702319		3.22	<0.005		<0.5	5.74	8	160	1.0	<2	2.32	<0.5	9	12	3	5.80
V702320		0.88	<0.005		<0.5	8.47	<5	1120	1.5	<2	3.06	<0.5	22	108	31	5.72
V702321		3.18	0.005		<0.5	6.20	13	190	1.1	<2	1.86	<0.5	12	16	9	6.72
V702322		1.33	0.005		<0.5	5.22	14	140	0.8	3	2.43	<0.5	9	17	6	6.55
V702323		1.76	<0.005		<0.5	5.67	15	80	0.7	<2	1.92	<0.5	13	12	10	6.85
V702324		1.47	<0.005		<0.5	6.12	10	310	1.2	<2	3.39	<0.5	10	8	1	7.38
V702325		3.21	0.008		<0.5	5.38	19	90	0.8	<2	2.07	<0.5	16	13	7	6.79
V702326		3.38	0.007		<0.5	5.75	11	130	0.8	<2	2.07	<0.5	14	13	3	7.31
V702327		2.89	0.186		<0.5	5.41	28	270	1.0	<2	2.19	<0.5	11	12	16	6.57
V702328		1.89	0.005		<0.5	5.59	13	460	1.4	<2	1.11	<0.5	10	22	52	6.98
V702329		3.39	0.027		<0.5	5.09	11	210	0.8	<2	2.46	<0.5	14	14	20	6.79
V702330		3.56	<0.005		<0.5	5.31	9	70	0.7	<2	2.56	<0.5	11	11	3	6.83
V702331		2.67	0.124		<0.5	4.94	7	170	0.7	<2	2.24	<0.5	11	17	14	5.83
V702332		0.81	0.871		<0.5	5.61	81	250	0.9	<2	2.42	<0.5	13	12	100	7.49
V702333		2.51	0.058		<0.5	5.20	7	180	0.8	<2	2.19	<0.5	10	13	7	7.16

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V702081		20	0.29	<10	0.09	1550	<1	2.51	3	440	2	0.02	<5	13	138	<20
V702082		20	0.09	10	0.07	1495	1	2.43	5	520	3	0.01	<5	13	169	<20
V702083		20	0.07	10	0.05	1520	1	2.55	2	530	3	0.01	<5	12	176	<20
V702084		20	0.11	10	0.04	1565	1	2.57	2	470	4	0.02	<5	12	174	<20
V702085		20	0.17	10	0.04	1485	1	2.63	2	460	3	0.01	<5	11	160	<20
V702086		20	0.20	10	0.04	1595	<1	2.57	2	480	3	0.01	<5	11	147	<20
V702087		20	0.20	10	0.05	1820	1	2.47	3	530	5	0.02	<5	14	142	<20
V702088		20	0.23	<10	0.07	1665	1	2.59	2	390	2	0.01	<5	11	123	<20
V702089		20	0.17	<10	0.19	1720	<1	2.29	7	470	4	<0.01	<5	11	108	<20
V702090		20	0.23	10	0.18	1345	1	2.64	10	490	4	<0.01	<5	10	148	<20
V702304		20	1.89	30	2.42	986	1	1.93	61	1100	8	0.10	<5	30	466	<20
V702305		20	0.44	20	0.30	926	1	2.13	2	330	2	0.21	<5	13	91	<20
V702306		20	0.28	20	0.40	978	1	2.41	1	370	2	0.16	<5	15	123	<20
V702307		20	0.60	30	0.54	981	1	1.92	2	420	<2	0.17	<5	15	114	<20
V702308		10	0.26	<10	0.08	391	4	0.41	1	100	2	0.01	<5	3	27	<20
V702309		20	0.51	10	0.37	1170	2	2.01	2	340	3	0.01	<5	11	107	<20
V702310		20	0.38	20	0.57	954	1	2.47	1	400	7	0.03	<5	15	92	<20
V702311		20	0.57	20	0.58	1080	1	2.14	1	420	2	0.04	<5	15	108	<20
V702312		30	1.38	10	0.58	1145	1	1.31	1	410	2	0.16	<5	15	100	<20
V702313		30	1.07	10	0.61	1035	1	1.19	1	410	<2	0.01	<5	21	68	<20
V702314		20	1.31	10	0.66	1260	1	1.34	<1	490	9	0.37	<5	16	83	<20
V702315		20	0.37	<10	0.58	1205	<1	2.43	<1	570	8	0.10	<5	16	104	<20
V702316		20	0.43	<10	0.49	1100	<1	2.39	1	580	5	0.03	<5	16	104	<20
V702317		20	0.74	<10	0.45	1250	1	2.27	<1	550	4	0.06	<5	18	111	<20
V702318		20	0.66	<10	0.41	1130	1	2.48	<1	460	<2	0.05	<5	18	94	<20
V702319		20	0.50	<10	0.36	1040	<1	2.84	<1	330	2	0.02	<5	14	84	<20
V702320		20	1.71	30	2.11	604	1	2.46	54	970	15	0.07	<5	23	615	<20
V702321		20	0.53	10	0.51	918	<1	2.72	3	420	4	0.06	<5	17	80	<20
V702322		20	0.47	<10	0.38	1155	1	2.51	2	310	5	0.07	<5	15	106	<20
V702323		20	0.25	<10	0.35	1180	<1	2.87	2	340	4	0.17	<5	15	94	<20
V702324		20	1.12	<10	0.40	1725	<1	2.63	2	390	4	0.01	<5	16	126	<20
V702325		20	0.18	<10	0.34	1385	<1	2.81	1	290	<2	0.10	<5	14	133	<20
V702326		20	0.23	<10	0.26	1290	<1	2.92	<1	330	5	0.03	<5	15	139	<20
V702327		20	0.61	<10	0.17	1325	<1	2.43	1	310	2	0.21	<5	13	133	<20
V702328		20	1.05	<10	0.12	1455	1	2.37	3	320	3	0.03	<5	15	94	<20
V702329		20	0.28	10	0.07	1360	<1	2.72	<1	300	7	0.16	<5	13	135	<20
V702330		20	0.07	<10	0.06	1410	<1	2.96	2	310	4	0.02	<5	12	165	<20
V702331		20	0.28	<10	0.10	1215	<1	2.73	<1	330	5	0.18	<5	9	142	<20
V702332		20	0.53	<10	0.17	1235	<1	2.88	1	440	6	0.95	<5	13	158	<20
V702333		20	0.23	<10	0.07	1365	1	2.81	1	410	4	0.08	<5	9	138	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702081		0.22	<10	<10	1	<10	33		
V702082		0.22	<10	<10	1	<10	38		
V702083		0.23	<10	<10	1	<10	37		
V702084		0.23	<10	<10	1	<10	35		
V702085		0.23	<10	<10	2	<10	36		
V702086		0.23	10	<10	1	<10	37		
V702087		0.25	<10	<10	2	<10	44		
V702088		0.25	<10	<10	2	<10	39		
V702089		0.24	<10	<10	3	<10	45		
V702090		0.27	<10	<10	3	<10	30		
V702304		0.61	<10	<10	178	<10	126		
V702305		0.07	<10	<10	1	<10	39		
V702306		0.09	<10	<10	<1	<10	48		
V702307		0.10	<10	<10	<1	<10	42		
V702308		0.03	<10	<10	<1	<10	9		
V702309		0.06	<10	<10	<1	<10	29		
V702310		0.08	<10	<10	<1	<10	48		
V702311		0.09	<10	<10	<1	<10	47		
V702312		0.13	<10	<10	<1	<10	25		
V702313		0.11	<10	<10	1	<10	40		
V702314		0.11	<10	<10	<1	<10	35		
V702315		0.08	<10	<10	<1	<10	48		
V702316		0.09	<10	<10	<1	<10	42		
V702317		0.09	<10	<10	1	<10	37		
V702318		0.10	<10	<10	<1	<10	40		
V702319		0.09	<10	<10	<1	<10	33		
V702320		0.57	<10	<10	170	<10	99		
V702321		0.07	<10	<10	2	<10	45		
V702322		0.06	<10	<10	<1	<10	34		
V702323		0.08	<10	<10	1	<10	43		
V702324		0.06	10	<10	<1	<10	26		
V702325		0.10	<10	<10	1	<10	38		
V702326		0.18	<10	<10	<1	<10	37		
V702327		0.15	<10	<10	1	<10	26		
V702328		0.10	<10	<10	1	<10	22		
V702329		0.16	<10	<10	<1	<10	34		
V702330		0.21	<10	<10	<1	<10	38		
V702331		0.16	<10	<10	<1	<10	31		
V702332		0.14	<10	<10	<1	<10	31		
V702333		0.22	<10	<10	<1	<10	45	95.7	87.0

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702334		1.82	0.290		<0.5	5.56	<5	140	0.8	<2	2.24	<0.5	12	12	61	6.96
V702335		0.77	0.012		<0.5	3.59	44	100	0.6	<2	2.21	<0.5	98	18	540	11.15
V702336		1.03	0.088		<0.5	5.28	<5	130	0.7	3	1.51	<0.5	14	19	104	6.61
V702337		2.74	0.170		<0.5	5.33	8	330	1.0	<2	2.22	<0.5	11	10	12	6.72
V702338		3.20	0.008		<0.5	5.02	19	160	0.7	<2	2.37	<0.5	13	12	2	7.10
V702339		2.20	0.012		<0.5	5.15	8	210	0.8	<2	2.09	<0.5	13	12	4	7.35
V702340		0.13	4.04	3.94	1.0	6.83	30	600	0.8	<2	2.45	0.9	18	62	140	5.10
V702341		1.62	0.034		<0.5	5.98	<5	290	1.1	<2	3.10	<0.5	10	11	20	8.40
V702342		0.87	0.653		<0.5	5.55	<5	220	0.9	<2	2.37	<0.5	12	13	96	8.16
V702343		3.51	0.027		<0.5	5.06	7	100	0.8	<2	2.23	<0.5	11	11	4	7.56
V702344		1.97	0.012		<0.5	5.14	<5	80	0.8	<2	2.31	<0.5	9	13	4	7.24
V702345		1.39	0.296		<0.5	5.69	46	90	0.7	<2	2.40	<0.5	12	11	40	7.62
V702346		2.28	0.025		<0.5	5.49	13	190	0.9	<2	2.16	<0.5	10	18	17	7.99
V702347		1.65	0.027		<0.5	6.45	8	160	0.9	<2	2.89	<0.5	6	9	2	6.31
V702348		2.67	0.151		<0.5	5.92	12	140	0.8	<2	2.69	<0.5	9	15	2	7.79
V702349		2.42	<0.005		<0.5	6.05	7	170	0.7	<2	2.49	<0.5	10	12	13	8.74
V702350		2.68	0.007		<0.5	6.36	<5	330	1.2	<2	3.10	<0.5	10	11	32	7.08
V702351		1.62	0.005		<0.5	5.86	85	330	1.2	<2	4.07	<0.5	9	11	49	8.22
V702352		3.60	0.006		<0.5	6.34	7	260	1.1	<2	2.31	<0.5	12	9	2	8.00
V702353		3.41	<0.005		<0.5	5.41	<5	110	0.7	<2	1.83	<0.5	8	9	2	7.56
V702354		3.41	0.005		<0.5	5.68	<5	80	0.8	<2	1.95	<0.5	10	11	2	8.08
V702355		3.29	<0.005		<0.5	5.43	<5	80	0.8	<2	1.90	<0.5	8	16	2	7.09
V702356		3.27	0.009		<0.5	5.51	<5	70	0.8	<2	2.65	<0.5	9	14	4	6.96
V702357		2.49	0.007		<0.5	5.71	9	750	2.5	<2	6.46	<0.5	13	13	16	6.85
V702358		3.21	0.011		<0.5	5.27	13	880	2.3	<2	5.59	0.5	14	16	16	7.54
V702359		2.43	0.005		<0.5	5.36	8	410	1.1	<2	2.28	<0.5	11	12	15	7.60
V702360		0.83	0.006		<0.5	7.72	<5	1140	1.1	<2	2.82	<0.5	23	123	28	6.18

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 31- JUIL- 2017
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702334		20	0.22	10	0.12	1060	<1	2.96	<1	360	5	0.52	<5	13	149	<20
V702335		10	0.22	<10	0.19	1010	1	1.64	41	250	5	3.66	<5	7	112	<20
V702336		20	0.29	10	0.24	1105	<1	2.63	1	320	5	0.83	<5	11	136	<20
V702337		20	0.53	10	0.08	1480	<1	2.67	1	320	4	0.14	<5	12	143	<20
V702338		20	0.23	<10	0.04	1410	<1	2.78	2	320	3	0.03	<5	10	156	<20
V702339		20	0.37	<10	0.05	1720	<1	2.80	<1	350	3	0.04	<5	10	123	<20
V702340		20	1.08	10	1.50	865	7	2.15	42	750	46	0.14	7	16	268	<20
V702341		30	0.70	10	0.38	2160	<1	2.24	1	410	6	0.20	<5	14	145	<20
V702342		20	0.48	10	0.22	1695	1	2.58	2	450	7	0.75	<5	10	132	<20
V702343		20	0.14	<10	0.04	1770	<1	2.97	2	360	2	0.04	<5	10	125	<20
V702344		20	0.08	<10	0.04	1790	<1	3.19	1	380	4	0.04	<5	11	139	<20
V702345		20	0.40	10	0.28	1150	<1	2.72	1	400	3	0.43	<5	10	118	<20
V702346		30	1.23	10	0.44	1525	1	1.97	3	360	5	0.22	<5	13	103	<20
V702347		20	1.09	10	0.37	1450	<1	3.29	1	440	5	0.02	<5	12	178	<20
V702348		20	1.02	<10	0.47	1680	<1	2.44	3	130	2	0.05	<5	17	132	<20
V702349		20	0.51	10	0.57	1585	1	2.42	4	250	<2	0.22	<5	17	118	<20
V702350		20	1.12	10	0.47	1560	<1	2.38	1	140	7	0.49	<5	17	100	<20
V702351		30	1.27	20	0.69	1820	<1	1.82	4	200	6	0.67	<5	14	113	<20
V702352		30	0.83	10	0.71	1380	<1	2.09	3	470	5	0.09	<5	18	92	<20
V702353		20	0.24	<10	0.60	1275	<1	2.40	1	410	2	0.17	5	16	92	<20
V702354		20	0.17	<10	0.61	1500	<1	2.62	2	430	2	0.21	<5	16	94	<20
V702355		20	0.17	10	0.53	1380	1	2.64	1	430	2	0.10	<5	15	102	<20
V702356		20	0.14	10	0.49	1415	<1	2.78	1	500	7	0.20	<5	16	86	<20
V702357		30	1.78	10	0.50	1375	1	0.54	1	490	63	1.10	<5	17	175	<20
V702358		30	2.00	10	0.72	1755	1	0.21	3	570	41	1.16	<5	15	131	<20
V702359		20	1.04	10	0.81	1435	1	1.30	2	610	10	0.29	<5	11	67	<20
V702360		20	1.81	20	2.15	770	1	2.10	58	1050	14	0.09	<5	21	506	<20

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CERTIFICAT D'ANALYSE SD17132764

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702334		0.24	<10	<10	<1	<10	45		
V702335		0.09	<10	<10	<1	<10	33		
V702336		0.16	<10	<10	<1	<10	43		
V702337		0.18	<10	<10	<1	<10	35		
V702338		0.22	<10	<10	<1	<10	46		
V702339		0.18	<10	<10	<1	<10	41		
V702340		0.36	<10	<10	139	40	283		
V702341		0.24	<10	<10	2	<10	59		
V702342		0.16	<10	<10	<1	<10	47		
V702343		0.21	<10	<10	<1	<10	51		
V702344		0.25	<10	<10	<1	<10	55		
V702345		0.16	<10	<10	1	<10	61		
V702346		0.06	10	<10	3	<10	41		
V702347		0.08	<10	<10	3	<10	32		
V702348		0.10	<10	<10	4	<10	45		
V702349		0.14	<10	<10	3	<10	70		
V702350		0.16	<10	<10	1	<10	48		
V702351		0.16	<10	<10	1	<10	44		
V702352		0.18	<10	<10	1	<10	72		
V702353		0.19	<10	<10	1	<10	66		
V702354		0.19	<10	<10	<1	<10	64		
V702355		0.21	<10	<10	<1	<10	59		93.1
V702356		0.29	<10	<10	1	<10	82		94.4
V702357		0.27	<10	<10	<1	<10	102		
V702358		0.28	<10	<10	1	<10	97		
V702359		0.27	<10	<10	<1	<10	144		
V702360		0.57	<10	<10	166	<10	114		

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CERTIFICAT D'ANALYSE SD17132764

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

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Finalisée date:
12- AOUT- 2017
Compte: MIDEXP

CERTIFICAT SD17132766

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 112 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- JUIN- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE SYLVAIN TRÉPANIER	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: MARIO MASSON
210, 9E RUE
BUREAU 107
ROUYN- NORANDA QC J9X 2C2

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE SD17132766

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702578		0.98	0.220		<0.5	5.40	23	40	1.1	<2	1.37	<0.5	25	12	37	8.49
V702579		1.37	2.89		<0.5	4.92	4600	90	1.7	<2	1.64	<0.5	11	12	271	8.04
V702580		0.12	4.11	3.55	0.6	7.16	40	610	0.8	2	2.54	1.1	18	65	151	5.36
V702581		1.59	1.525		<0.5	5.37	1705	40	1.2	<2	1.62	<0.5	13	11	178	7.41
V702582		1.20	0.015		<0.5	5.71	13	40	0.9	<2	1.30	<0.5	10	9	10	6.88
V702583		2.45	<0.005		<0.5	5.23	9	50	0.9	2	1.18	<0.5	9	8	8	6.96
V702584		2.28	<0.005		<0.5	5.77	19	140	1.3	<2	1.86	<0.5	18	10	19	6.61
V702585		3.40	<0.005		<0.5	5.61	5	90	1.1	<2	1.83	<0.5	9	7	4	7.47
V702586		3.41	<0.005		<0.5	5.46	5	60	1.3	<2	1.82	<0.5	9	7	3	6.93
V702587		2.68	0.007		<0.5	5.27	12	60	1.3	<2	1.77	<0.5	10	7	7	6.98
V702588		0.76	0.057		<0.5	5.35	1395	110	1.2	<2	2.11	<0.5	12	8	27	7.19
V702589		2.48	<0.005		<0.5	5.58	19	90	1.1	<2	1.33	<0.5	16	11	5	7.71
V702590		3.31	0.007		<0.5	5.71	7	160	1.4	<2	1.46	<0.5	10	7	7	5.74
V702591		2.31	<0.005		<0.5	5.64	8	200	1.5	<2	1.30	<0.5	7	12	5	5.04
V702592		3.55	<0.005		<0.5	5.49	6	40	0.9	<2	1.20	<0.5	12	8	9	8.39
V702593		2.31	<0.005		<0.5	5.67	<5	130	1.4	<2	1.47	<0.5	9	11	12	7.48
V702594		1.70	<0.005		<0.5	5.55	16	230	1.3	<2	1.59	<0.5	18	7	23	9.46
V702595		1.82	0.005		<0.5	5.17	14	20	1.2	5	1.63	<0.5	29	5	48	11.70
V702596		2.39	0.013		<0.5	5.18	11	20	1.5	2	2.03	<0.5	31	9	76	11.65
V702597		1.31	<0.005		<0.5	5.21	6	30	1.4	<2	2.10	<0.5	15	8	28	9.70
V702598		2.37	<0.005		<0.5	5.32	<5	40	0.7	<2	2.11	<0.5	12	9	7	8.62
V702599		1.01	0.007		<0.5	4.87	10	40	1.3	<2	1.90	<0.5	32	8	54	12.25
V702600		0.67	<0.005		<0.5	7.60	<5	980	1.2	<2	2.44	<0.5	23	105	103	6.04
V702601		2.37	<0.005		<0.5	4.94	9	50	0.7	6	1.85	<0.5	16	13	11	9.40
V702602		3.56	<0.005		<0.5	4.89	7	40	0.9	6	1.67	<0.5	23	8	29	10.30
V702603		3.33	<0.005		<0.5	4.97	8	50	0.9	2	1.85	<0.5	23	7	28	10.55
V702604		3.50	<0.005		<0.5	4.88	9	40	0.8	6	1.75	<0.5	19	7	20	9.64
V702605		3.77	<0.005		<0.5	5.08	6	60	0.8	2	2.07	<0.5	22	10	35	9.92
V702606		3.60	0.010		<0.5	4.76	7	100	1.0	4	2.00	<0.5	18	6	17	9.14
V702607		3.53	<0.005		<0.5	4.82	10	40	0.9	7	1.79	<0.5	19	8	22	9.66
V702608		3.55	0.009		<0.5	4.86	6	70	0.9	3	2.19	<0.5	16	9	25	9.05
V702609		3.49	0.013		<0.5	4.84	6	80	0.9	5	2.03	<0.5	17	9	28	9.46
V702610		3.36	<0.005		<0.5	5.23	5	80	0.9	3	2.49	<0.5	15	7	18	8.73
V702611		3.63	0.020		<0.5	5.28	8	40	0.8	3	1.97	<0.5	14	10	16	8.62
V702612		3.44	0.009		<0.5	5.39	<5	60	0.8	8	2.67	<0.5	18	9	52	9.39
V702613		3.59	0.010		<0.5	5.63	5	180	1.3	7	2.24	<0.5	18	9	18	9.22
V702614		3.38	<0.005		<0.5	5.55	7	80	0.9	7	2.36	<0.5	17	8	30	10.00
V702615		3.44	0.005		<0.5	5.39	<5	50	0.8	2	2.90	<0.5	17	6	27	9.66
V702616		3.66	0.018		<0.5	5.53	<5	70	0.8	6	2.65	<0.5	14	7	10	8.33
V702617		3.54	<0.005		<0.5	5.36	<5	110	0.8	<2	3.38	<0.5	15	10	18	9.77

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À: EXPLORATION MIDLAND INC
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SUITE 220
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Finalisée date:
12- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132766

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702578		20	0.10	10	0.21	1010	1	2.35	1	450	<2	0.47	<5	32	114	<20
V702579		10	0.25	10	0.19	997	1	3.02	1	420	15	2.47	<5	13	79	<20
V702580		20	1.12	10	1.57	863	7	2.28	40	760	46	0.14	5	16	283	<20
V702581		10	0.11	10	0.26	959	1	3.44	3	270	<2	1.51	<5	13	101	<20
V702582		20	0.12	20	0.21	892	<1	2.94	<1	270	<2	0.10	<5	12	145	<20
V702583		20	0.14	30	0.20	883	1	2.49	<1	280	<2	0.09	<5	10	143	<20
V702584		20	0.40	40	0.23	1355	<1	2.82	2	330	2	0.21	<5	12	176	<20
V702585		20	0.21	40	0.22	1060	<1	2.54	1	270	<2	0.05	<5	12	170	<20
V702586		20	0.13	30	0.09	1415	<1	2.96	1	260	4	0.05	<5	10	184	<20
V702587		20	0.16	40	0.07	1430	<1	2.82	4	230	3	0.10	<5	11	186	<20
V702588		20	0.33	30	0.19	1305	<1	2.49	4	300	<2	0.43	<5	13	148	<20
V702589		20	0.24	20	0.28	1355	1	2.46	2	350	<2	0.06	<5	15	140	<20
V702590		20	0.47	<10	0.23	1920	<1	2.91	3	200	2	0.14	<5	21	151	<20
V702591		20	0.61	<10	0.23	1855	1	2.85	2	130	3	0.06	<5	15	111	<20
V702592		20	0.08	<10	0.27	1445	1	2.41	<1	320	<2	0.15	<5	12	145	<20
V702593		20	0.29	<10	0.33	1465	1	2.49	<1	350	<2	0.14	<5	10	139	<20
V702594		30	0.49	10	0.42	1715	1	1.69	<1	440	<2	0.74	<5	12	123	<20
V702595		30	0.04	10	0.34	1885	<1	1.52	3	410	5	0.79	<5	14	112	<20
V702596		20	0.04	10	0.18	2010	1	1.65	3	470	4	0.81	<5	13	132	<20
V702597		20	0.08	10	0.13	1920	<1	2.00	<1	420	<2	0.29	<5	12	156	<20
V702598		20	0.08	<10	0.07	2010	<1	2.48	<1	400	<2	0.06	<5	11	173	<20
V702599		20	0.08	10	0.04	2160	2	1.90	<1	460	4	0.49	<5	12	152	<20
V702600		20	2.00	20	2.05	552	2	2.16	65	1070	13	0.23	<5	20	420	<20
V702601		20	0.09	10	0.03	2230	1	2.36	2	480	2	0.09	<5	13	166	<20
V702602		20	0.07	10	0.03	2280	1	2.19	4	570	2	0.28	<5	12	149	<20
V702603		20	0.12	10	0.03	2610	1	2.26	8	590	<2	0.30	<5	12	164	<20
V702604		20	0.10	<10	0.04	2370	1	2.32	3	520	3	0.17	<5	10	150	<20
V702605		20	0.15	10	0.09	2350	1	2.17	5	560	3	0.31	<5	13	144	<20
V702606		20	0.29	<10	0.04	2220	1	2.26	4	510	<2	0.14	<5	9	150	<20
V702607		20	0.12	<10	0.03	2160	1	2.42	2	470	2	0.19	<5	11	146	<20
V702608		20	0.21	10	0.03	2110	<1	2.48	2	480	3	0.17	<5	10	161	<20
V702609		20	0.27	10	0.04	2240	1	2.33	4	520	5	0.17	<5	10	139	<20
V702610		20	0.32	10	0.13	1955	<1	2.11	1	570	2	0.12	<5	17	150	<20
V702611		20	0.13	<10	0.08	2290	1	2.73	2	450	<2	0.12	<5	9	118	<20
V702612		20	0.23	10	0.26	2140	<1	2.02	2	500	3	0.42	<5	13	143	<20
V702613		20	0.61	20	0.57	1740	<1	1.55	4	660	5	0.22	<5	22	125	<20
V702614		20	0.28	10	0.51	1830	1	1.81	4	790	<2	0.41	<5	25	140	<20
V702615		20	0.18	10	0.28	2080	<1	1.96	3	770	3	0.23	<5	22	152	<20
V702616		20	0.27	10	0.19	1840	<1	2.31	3	660	<2	0.09	<5	22	156	<20
V702617		20	0.43	<10	0.14	2100	<1	1.84	2	890	4	0.14	<5	30	154	<20

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Finalisée date:
12- AOUT- 2017
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CERTIFICAT D'ANALYSE SD17132766

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702578		0.23	<10	<10	2	<10	60	91.7	96.2
V702579		0.23	<10	<10	20	<10	23		96.4
V702580		0.37	<10	<10	144	40	285		
V702581		0.21	<10	<10	13	<10	30		
V702582		0.25	<10	<10	<1	<10	38		
V702583		0.20	<10	<10	<1	<10	38		
V702584		0.24	<10	<10	<1	<10	34		
V702585		0.23	10	<10	1	<10	39		
V702586		0.21	<10	<10	<1	<10	33		
V702587		0.20	<10	<10	<1	<10	33		
V702588		0.24	<10	<10	8	<10	36		
V702589		0.23	<10	<10	1	<10	45		
V702590		0.25	<10	<10	1	<10	31		
V702591		0.24	<10	<10	1	<10	31		
V702592		0.23	<10	<10	1	<10	59		
V702593		0.23	10	<10	1	<10	55		
V702594		0.25	<10	<10	1	<10	69		
V702595		0.24	<10	<10	1	<10	83		
V702596		0.25	<10	<10	<1	<10	79		
V702597		0.25	<10	<10	<1	<10	67		
V702598		0.24	<10	<10	<1	<10	51		
V702599		0.21	<10	<10	<1	<10	50		
V702600		0.56	<10	<10	163	<10	113		
V702601		0.27	<10	<10	1	<10	50		
V702602		0.23	<10	<10	1	<10	52		
V702603		0.25	<10	<10	1	<10	50		
V702604		0.23	<10	<10	1	<10	45		
V702605		0.24	<10	<10	1	<10	49		
V702606		0.22	<10	<10	<1	<10	48		
V702607		0.23	<10	<10	1	<10	50		
V702608		0.27	<10	<10	<1	<10	48		
V702609		0.26	<10	<10	1	<10	48		
V702610		0.30	<10	<10	<1	<10	58		
V702611		0.27	<10	<10	1	<10	48		
V702612		0.27	<10	<10	1	<10	68		
V702613		0.41	<10	<10	1	<10	93		
V702614		0.42	<10	<10	1	<10	85		
V702615		0.35	<10	<10	1	<10	61		
V702616		0.40	<10	<10	<1	<10	45		
V702617		0.53	<10	<10	1	<10	46	91.9	93.0

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SUITE 220
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Finalisée date:
12- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132766

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702618		3.31	0.006		<0.5	5.38	8	120	0.8	<2	3.47	<0.5	17	6	14	9.95
V702619		3.28	0.009		<0.5	5.39	10	100	0.8	3	3.15	<0.5	19	7	15	10.05
V702620		0.12	4.05	4.21	<0.5	6.79	29	570	0.7	<2	2.36	0.9	16	60	143	5.03
V702621		0.79	<0.005		<0.5	7.59	<5	770	1.4	2	2.47	<0.5	20	110	33	5.83
V702622		2.62	0.006		<0.5	6.14	28	130	0.5	5	5.78	<0.5	33	3	9	14.05
V702623		3.18	0.007		<0.5	6.25	23	110	0.5	<2	5.66	<0.5	30	2	4	13.80
V702624		3.29	<0.005		<0.5	6.13	11	120	0.5	4	5.95	0.5	30	3	2	14.00
V702625		3.57	<0.005		<0.5	6.28	12	110	0.5	7	6.18	<0.5	34	4	11	13.45
V702626		3.25	0.006		<0.5	6.92	11	70	0.5	2	5.41	<0.5	28	3	11	11.55
V702627		3.33	<0.005		<0.5	6.63	11	110	0.5	5	5.73	<0.5	30	2	13	13.00
V702628		2.98	<0.005		<0.5	6.29	10	80	0.5	5	5.87	<0.5	30	4	6	11.60
V702629		3.09	0.005		<0.5	6.16	18	100	<0.5	7	5.59	<0.5	36	3	29	12.65
V702630		3.47	<0.005		<0.5	6.09	17	120	<0.5	2	4.75	<0.5	37	2	28	13.60
V702631		3.20	<0.005		<0.5	6.05	9	100	<0.5	6	4.80	<0.5	35	2	28	13.20
V702632		3.22	<0.005		<0.5	6.14	17	110	<0.5	9	5.27	<0.5	37	2	8	13.50
V702633		1.27	<0.005		<0.5	5.91	15	100	<0.5	4	5.54	<0.5	40	2	28	13.70
V702634		2.36	<0.005		<0.5	5.87	15	100	<0.5	5	5.73	<0.5	36	3	27	13.65
V702635		3.35	0.008		<0.5	6.11	31	100	0.5	4	4.44	<0.5	39	3	16	13.15
V702636		2.83	0.006		<0.5	6.98	33	20	0.6	7	4.21	0.6	35	2	44	13.60
V702637		2.29	0.015		<0.5	6.21	34	110	0.8	<2	4.72	<0.5	45	2	25	13.40
V702638		2.20	0.014		<0.5	6.33	22	30	0.6	<2	4.51	<0.5	33	2	13	12.75
V702639		2.98	<0.005		<0.5	6.19	15	10	0.5	<2	5.27	<0.5	24	2	1	10.20
V702661		2.23	<0.005		<0.5	5.95	25	60	0.6	<2	5.00	<0.5	34	2	19	12.45
V702662		3.15	<0.005		<0.5	5.99	17	40	0.6	<2	5.54	<0.5	28	1	2	10.10
V702663		2.25	<0.005		<0.5	5.80	42	70	0.5	<2	4.74	<0.5	40	2	16	11.05
V702664		2.22	0.005		<0.5	6.02	31	60	0.6	<2	4.95	<0.5	38	1	13	10.80
V702665		1.95	0.007		<0.5	6.12	24	40	0.5	<2	3.81	<0.5	27	1	8	11.75
V702666		0.77	0.237		<0.5	4.78	2180	60	0.5	<2	7.41	<0.5	28	2	6	9.79
V702667		1.16	0.098		<0.5	5.88	30	20	<0.5	<2	5.10	<0.5	28	1	8	10.15
V702668		1.54	0.119		<0.5	5.16	21	20	0.8	<2	8.62	<0.5	22	2	6	8.81
V702669		2.18	0.012		<0.5	5.85	61	20	0.6	<2	5.69	<0.5	28	1	5	10.70
V702670		1.55	<0.005		<0.5	6.12	25	20	0.6	<2	4.70	<0.5	33	1	13	11.00
V702671		1.01	0.007		<0.5	5.97	57	40	0.9	<2	4.26	<0.5	7	8	4	2.82
V702672		0.74	0.546		<0.5	5.84	1445	20	0.5	<2	5.14	<0.5	42	9	29	8.74
V702673		1.88	0.006		<0.5	6.33	23	20	0.6	<2	5.56	<0.5	29	1	10	8.75
V702674		2.60	<0.005		<0.5	6.44	13	30	0.7	<2	5.19	<0.5	18	1	3	7.85
V702675		2.05	<0.005		<0.5	7.46	20	50	1.4	<2	6.04	<0.5	22	6	22	7.37
V702676		1.97	<0.005		<0.5	8.08	19	40	1.7	<2	7.73	<0.5	20	5	10	7.58
V702677		0.93	0.442		<0.5	4.10	5990	<10	0.9	<2	12.55	0.5	17	4	16	7.33
V702678		3.02	0.005		<0.5	6.71	20	10	0.7	<2	5.00	<0.5	21	1	40	8.37

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702618		20	0.51	10	0.12	2100	<1	1.64	4	930	3	0.11	<5	30	160	<20
V702619		20	0.41	<10	0.11	2290	1	2.01	4	900	<2	0.12	<5	26	128	<20
V702620		10	1.07	10	1.46	827	7	2.17	41	720	43	0.14	<5	15	265	<20
V702621		20	1.98	30	1.94	638	4	2.19	55	1060	20	0.09	<5	19	402	<20
V702622		20	0.74	10	0.93	2730	1	1.31	4	3810	5	0.06	<5	37	223	<20
V702623		20	0.73	10	0.91	2590	<1	1.25	1	4110	3	0.02	7	35	238	<20
V702624		20	0.76	10	1.04	2710	<1	1.17	2	4090	<2	0.01	<5	39	220	<20
V702625		10	0.66	10	1.10	2620	<1	1.25	3	4350	3	0.10	5	40	203	<20
V702626		20	0.43	<10	1.28	2320	<1	1.98	4	1010	<2	0.12	<5	45	165	<20
V702627		20	0.64	<10	1.20	2490	<1	1.30	1	490	4	0.09	<5	49	244	<20
V702628		20	0.58	<10	0.94	2180	<1	1.41	2	460	4	0.07	<5	42	227	<20
V702629		20	0.65	<10	1.10	2360	1	1.52	5	420	<2	0.16	<5	45	227	<20
V702630		20	0.68	<10	1.18	2450	<1	1.35	4	460	4	0.12	<5	45	241	<20
V702631		20	0.64	<10	1.16	2420	<1	1.47	5	440	5	0.18	<5	44	320	<20
V702632		20	0.68	<10	1.21	2460	<1	1.30	3	440	4	0.05	7	46	257	<20
V702633		10	0.68	<10	1.27	2520	<1	1.28	2	420	3	0.21	<5	46	246	<20
V702634		20	0.65	<10	1.25	2480	<1	1.25	2	420	3	0.26	<5	44	254	<20
V702635		20	0.51	<10	1.43	2530	<1	1.55	6	430	4	0.18	<5	46	183	<20
V702636		20	0.09	10	2.38	3480	<1	1.62	4	320	20	0.18	<5	44	82	<20
V702637		20	0.40	<10	1.57	2940	<1	2.31	4	400	5	0.26	<5	47	124	<20
V702638		20	0.10	<10	2.14	2850	<1	1.81	2	80	20	0.11	<5	48	88	<20
V702639		20	0.02	<10	1.98	2750	<1	2.20	2	60	16	0.01	<5	48	105	<20
V702661		20	0.17	<10	1.73	2300	<1	1.82	1	440	2	0.12	<5	48	116	<20
V702662		20	0.13	<10	1.57	2180	<1	2.22	2	210	2	0.02	<5	49	142	<20
V702663		20	0.23	<10	1.47	2230	<1	2.32	1	460	<2	0.16	<5	47	126	<20
V702664		20	0.16	<10	1.48	2150	<1	2.45	2	550	<2	0.19	<5	49	116	<20
V702665		20	0.12	<10	1.55	2060	<1	2.25	1	600	<2	0.22	<5	50	91	<20
V702666		10	0.13	<10	1.23	2090	<1	1.80	<1	350	<2	0.28	<5	42	134	<20
V702667		20	0.06	<10	1.57	2150	<1	2.20	1	550	<2	0.07	<5	48	108	<20
V702668		10	0.05	<10	1.34	2330	<1	2.00	<1	210	<2	0.05	<5	43	193	<20
V702669		20	0.13	<10	1.59	2160	<1	2.05	1	60	<2	0.11	<5	48	150	<20
V702670		20	0.15	<10	1.88	2120	<1	2.05	1	80	<2	0.13	<5	50	127	<20
V702671		20	0.18	<10	0.38	582	<1	3.45	2	100	4	0.03	<5	15	97	<20
V702672		20	0.05	<10	1.70	1875	<1	2.40	9	140	5	0.22	<5	42	113	<20
V702673		20	0.10	<10	1.93	2080	<1	2.68	4	40	4	0.06	<5	50	119	<20
V702674		20	0.20	<10	2.17	2160	<1	2.78	3	30	3	<0.01	<5	54	122	<20
V702675		20	0.20	<10	1.95	2110	<1	2.95	7	20	51	0.03	<5	46	350	<20
V702676		30	0.21	<10	1.72	2290	<1	2.97	5	10	24	0.02	<5	12	164	<20
V702677		10	0.01	<10	1.69	2920	<1	1.36	1	10	38	0.38	<5	50	238	<20
V702678		20	0.03	<10	2.25	2600	<1	3.04	3	20	4	0.01	<5	58	66	<20

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Finalisée date:
12- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132766

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702618		0.48	<10	<10	1	<10	50		
V702619		0.43	10	<10	1	<10	49		
V702620		0.35	<10	<10	138	40	271		
V702621		0.57	<10	<10	160	<10	105		
V702622		1.15	<10	<10	3	<10	56		
V702623		1.18	<10	<10	3	<10	51		
V702624		1.25	<10	<10	4	<10	51		
V702625		1.31	<10	<10	4	<10	64		
V702626		1.35	<10	<10	8	<10	67		
V702627		1.36	10	<10	4	<10	59		
V702628		1.08	<10	<10	4	<10	61		
V702629		1.15	<10	<10	4	<10	60		
V702630		1.23	<10	<10	5	<10	62		
V702631		1.24	<10	<10	5	<10	58		
V702632		1.31	<10	<10	7	<10	58		
V702633		1.19	<10	<10	6	<10	53		
V702634		1.27	<10	<10	6	<10	52		
V702635		1.44	10	<10	8	<10	55		
V702636		1.50	<10	<10	24	<10	161		
V702637		1.45	<10	<10	7	<10	59		
V702638		1.49	<10	<10	11	<10	119		
V702639		1.59	10	<10	16	<10	130		
V702661		1.26	<10	<10	8	<10	67		
V702662		1.27	<10	<10	8	<10	51		
V702663		1.27	<10	<10	8	<10	52		
V702664		1.32	<10	<10	11	<10	50		
V702665		1.34	<10	<10	10	<10	53		
V702666		1.05	<10	<10	9	<10	42		
V702667		1.32	<10	<10	10	<10	52		
V702668		1.13	<10	<10	9	<10	43		
V702669		1.29	<10	<10	11	<10	45		
V702670		1.32	<10	<10	11	<10	58		
V702671		0.40	<10	<10	12	<10	18		
V702672		1.24	<10	<10	30	<10	55		
V702673		1.39	<10	<10	17	<10	54		
V702674		1.44	<10	<10	35	<10	76		
V702675		1.43	<10	<10	165	<10	110		
V702676		1.40	<10	<10	99	<10	100		
V702677		1.32	<10	<10	53	<10	80		
V702678		1.60	<10	<10	32	<10	95	96.6	91.9

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CERTIFICAT D'ANALYSE SD17132766

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702679		3.52	<0.005		<0.5	6.88	19	10	1.0	<2	5.30	<0.5	23	1	28	8.97
V702680		1.08	<0.005		<0.5	7.86	<5	950	1.4	<2	2.62	<0.5	25	110	89	5.87
V702681		3.51	<0.005		<0.5	7.96	15	10	0.8	<2	7.99	<0.5	25	5	18	9.94
V702682		3.38	<0.005		<0.5	6.76	6	20	0.8	<2	5.90	<0.5	20	2	13	8.94
V702683		3.39	<0.005		<0.5	6.51	5	20	0.7	<2	5.19	<0.5	26	1	6	11.00
V702684		3.54	<0.005		<0.5	6.47	<5	10	0.8	<2	5.03	<0.5	24	1	9	9.52
V702685		3.59	<0.005		<0.5	7.11	5	10	0.7	<2	5.96	<0.5	28	2	18	12.05
V702686		3.55	<0.005		<0.5	6.43	9	30	0.8	<2	4.88	<0.5	32	3	16	12.35
V702687		3.56	<0.005		<0.5	6.28	13	50	0.5	<2	4.71	<0.5	32	1	25	11.75
V702688		3.29	<0.005		<0.5	6.08	17	60	0.5	<2	4.99	<0.5	36	1	55	12.00
V702689		3.45	0.007		<0.5	6.18	18	70	<0.5	<2	5.00	<0.5	40	2	50	12.20
V702690		3.36	0.005		<0.5	6.32	9	80	0.5	<2	4.90	<0.5	38	1	37	12.45
V702691		3.40	<0.005		<0.5	6.70	7	60	0.5	<2	6.18	<0.5	38	2	58	12.25
V702692		3.56	<0.005		<0.5	6.38	11	80	<0.5	<2	5.19	<0.5	41	1	57	12.75
V702693		3.63	<0.005		<0.5	6.50	9	60	0.5	<2	4.81	<0.5	41	1	59	12.60
V702694		3.32	<0.005		<0.5	6.52	6	20	0.6	2	4.22	<0.5	32	2	32	10.80
V702695		3.47	<0.005		<0.5	6.74	8	10	0.6	<2	5.67	0.5	45	1	38	13.20
V702696		3.37	<0.005		<0.5	6.43	12	40	0.5	<2	5.53	<0.5	42	1	46	12.15
V702697		3.42	<0.005		<0.5	6.17	19	10	<0.5	4	5.46	0.6	43	1	47	11.40
V702698		3.61	0.005		<0.5	6.64	15	<10	<0.5	4	4.92	0.5	48	1	52	13.15
V702699		3.64	<0.005		<0.5	6.68	18	20	<0.5	2	5.65	0.5	45	1	55	12.60
V702700		0.12	3.69	4.16	0.8	6.95	30	590	0.8	<2	2.48	1.0	18	62	146	5.18
V702701		3.45	0.005		<0.5	7.09	33	20	0.5	2	4.89	<0.5	59	1	52	13.90
V702702		3.64	<0.005		<0.5	6.69	25	20	0.5	3	4.84	<0.5	47	2	62	11.50
V702703		3.85	0.006		<0.5	6.98	37	30	<0.5	2	5.80	<0.5	53	2	64	13.10
V702704		2.88	<0.005		<0.5	6.50	44	30	<0.5	<2	5.86	<0.5	51	2	65	10.60
V702705		3.08	0.005		<0.5	6.83	50	10	<0.5	<2	4.92	0.5	51	1	41	12.30
V702706		0.75	0.294		<0.5	6.47	9110	<10	<0.5	<2	7.61	<0.5	56	1	108	9.58
V702707		1.35	<0.005		<0.5	6.28	62	20	<0.5	<2	6.16	0.7	44	2	61	11.55
V702708		3.52	<0.005		<0.5	6.67	56	30	<0.5	<2	6.22	<0.5	41	2	47	11.75
V702709		3.46	<0.005		<0.5	6.56	18	220	<0.5	2	5.96	<0.5	44	1	32	12.00
V702710		3.43	<0.005		<0.5	6.56	17	50	<0.5	3	6.02	0.5	54	1	44	12.00

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
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Finalisée date:
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Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132766

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702679		20	0.04	<10	2.35	2750	<1	3.19	4	30	8	0.04	<5	57	108	<20
V702680		20	1.86	30	1.92	561	1	2.23	66	980	16	0.27	<5	17	443	<20
V702681		30	0.02	<10	2.15	2920	<1	1.42	4	60	158	0.06	<5	56	159	<20
V702682		20	0.04	<10	2.17	2570	<1	3.12	3	30	5	0.05	<5	56	127	<20
V702683		20	0.09	<10	2.12	2470	<1	2.46	3	30	4	0.11	<5	54	130	<20
V702684		10	0.04	<10	2.29	2700	<1	3.09	2	20	6	0.06	<5	56	93	<20
V702685		20	0.05	<10	2.26	3110	<1	1.31	3	180	7	0.19	<5	44	152	<20
V702686		20	0.11	<10	2.51	2920	<1	1.98	2	140	6	0.14	<5	55	121	<20
V702687		20	0.17	<10	2.02	2370	<1	2.20	1	440	6	0.15	<5	53	95	<20
V702688		20	0.24	<10	1.87	2130	<1	2.29	3	380	27	0.24	<5	51	88	<20
V702689		20	0.28	<10	1.91	2070	<1	2.26	<1	370	7	0.21	<5	51	104	<20
V702690		20	0.37	<10	2.00	2120	<1	2.18	1	330	4	0.16	<5	52	156	<20
V702691		20	0.27	<10	2.01	1915	<1	2.03	2	320	6	0.23	<5	51	171	<20
V702692		20	0.38	<10	1.97	2130	<1	1.87	1	340	5	0.22	<5	52	189	<20
V702693		20	0.27	<10	2.21	2530	<1	2.02	2	360	8	0.28	<5	52	138	<20
V702694		20	0.07	<10	2.61	2630	<1	2.47	<1	210	29	0.20	<5	50	80	<20
V702695		20	0.06	<10	3.14	2640	<1	1.82	2	320	36	0.24	<5	56	79	<20
V702696		20	0.22	<10	2.20	2030	<1	1.98	4	340	3	0.19	<5	53	109	<20
V702697		20	0.04	<10	1.92	1845	<1	1.98	<1	330	<2	0.20	<5	48	65	<20
V702698		20	0.03	<10	2.73	2470	<1	1.61	2	340	20	0.35	<5	53	49	<20
V702699		20	0.12	<10	2.42	2350	<1	1.63	1	330	7	0.27	<5	53	99	<20
V702700		20	1.10	10	1.52	839	7	2.21	40	750	42	0.14	6	16	273	<20
V702701		20	0.10	<10	2.98	2790	<1	1.57	1	320	2	0.25	<5	55	101	<20
V702702		20	0.10	<10	2.31	2230	<1	1.98	1	330	10	0.46	7	49	110	<20
V702703		20	0.17	<10	2.49	2270	<1	1.59	<1	320	8	0.29	<5	55	171	<20
V702704		20	0.16	<10	1.85	1765	<1	1.95	<1	320	<2	0.27	<5	44	158	<20
V702705		20	0.05	<10	2.54	2130	<1	2.04	2	300	<2	0.26	<5	52	47	<20
V702706		20	0.03	<10	1.52	1420	<1	3.04	<1	220	<2	1.49	<5	39	66	<20
V702707		20	0.08	<10	2.06	1865	<1	1.99	<1	300	<2	0.35	<5	49	64	<20
V702708		20	0.18	<10	2.18	1950	<1	1.99	<1	280	8	0.19	<5	51	97	<20
V702709		20	0.25	<10	2.33	2000	<1	1.99	<1	220	<2	0.17	<5	53	118	<20
V702710		20	0.32	<10	2.06	1830	<1	1.88	<1	270	<2	0.19	<5	51	134	<20

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CERTIFICAT D'ANALYSE SD17132766

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702679		1.65	<10	<10	29	<10	83		
V702680		0.59	<10	<10	157	<10	111		
V702681		1.57	<10	<10	71	<10	102	93.9	
V702682		1.60	<10	<10	32	<10	55		
V702683		1.58	<10	<10	25	<10	60		
V702684		1.62	<10	<10	27	<10	82		
V702685		1.66	<10	<10	52	<10	96		
V702686		1.68	<10	<10	42	<10	90		
V702687		1.57	<10	<10	36	<10	60		
V702688		1.42	<10	<10	40	<10	82		
V702689		1.39	<10	<10	51	<10	61		
V702690		1.51	<10	<10	65	<10	63		
V702691		1.53	<10	<10	77	<10	67		
V702692		1.50	<10	<10	93	<10	63		
V702693		1.54	<10	<10	119	<10	109		
V702694		1.21	<10	<10	87	<10	191		
V702695		1.45	<10	<10	145	<10	201		
V702696		1.34	<10	<10	142	<10	72		
V702697		1.21	<10	<10	137	<10	72		
V702698		1.32	<10	<10	173	<10	143		
V702699		1.31	<10	<10	186	<10	88		
V702700		0.36	<10	<10	141	40	275		
V702701		1.39	<10	<10	220	<10	92		
V702702		1.18	<10	<10	200	<10	98		
V702703		1.35	<10	<10	259	<10	121		
V702704		1.05	<10	<10	204	<10	67		
V702705		1.26	<10	<10	255	<10	75		
V702706		0.92	<10	<10	153	<10	47		
V702707		1.22	<10	<10	189	<10	62		
V702708		1.30	10	<10	199	<10	62		
V702709		1.29	<10	<10	231	<10	61		
V702710		1.22	10	<10	237	<10	64		

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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Finalisée date:
12- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132766

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
16- AOUT- 2017
Compte: MIDEXP

CERTIFICAT SD17153305

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 217 échantillons de carotte forage soumis à notre laboratoire de Sudbury, ON, Canada le 25- JUIL- 2017.

Les résultats sont transmis à:

MARIO MASSON	RICHARD ST- CYR	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Projet: WILLBOB PROJECT

Finalisée date:
16- AOUT- 2017
Compte: MIDEXP

CERTIFICAT D'ANALYSE SD17153305

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702361		3.57	<0.005		95.4	95.6
V702362		1.82	<0.005			91.3
V702363		3.45	<0.005			
V702364		2.23	<0.005			
V702365		1.80	<0.005		92.2	
V702366		3.62	<0.005			
V702367		3.60	<0.005			
V702368		3.52	<0.005			
V702369		3.29	<0.005			
V702370		3.51	<0.005			
V702371		3.63	<0.005			
V702372		3.35	<0.005			
V702373		3.59	<0.005			
V702374		3.43	<0.005			
V702375		3.62	<0.005			
V702376		2.15	<0.005			
V702377		3.29	<0.005			
V702378		2.49	<0.005			
V702379		3.42	<0.005			
V702380		0.12	3.93	4.11		
V702381		3.64	<0.005			
V702382		3.49	<0.005			
V702383		3.60	<0.005			
V702384		2.47	<0.005			
V702385		1.99	0.015			
V702386		0.60	0.983			
V702387		2.43	<0.005			
V702388		3.46	<0.005			84.2
V702389		3.46	<0.005			
V702390		3.45	<0.005			
V702391		3.50	<0.005			
V702392		0.81	<0.005			
V702393		1.80	<0.005			
V702394		1.77	<0.005			
V702395		2.61	<0.005			
V702396		2.33	<0.005			
V702397		2.53	<0.005			
V702398		2.37	0.009			
V702399		0.12	4.06	4.13		
V702400		1.01	0.005		98.1	77.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Projet: WILLBOB PROJECT

Finalisée date:
16- AOUT- 2017
Compte: MIDEXP

CERTIFICAT D'ANALYSE SD17153305

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702401		1.01	0.793			
V702402		1.36	0.325		92.6	
V702403		1.31	1.040			
V702404		0.83	1.200			
V702405		0.91	0.396			
V702406		0.82	0.034			
V702407		2.17	<0.005			
V702408		2.08	<0.005			
V702409		2.48	<0.005			
V702410		3.52	<0.005			
V702411		3.33	<0.005			
V702412		3.57	<0.005			
V702413		2.54	<0.005			
V702414		1.22	<0.005			
V702415		3.18	<0.005		94.4	
V702416		3.94	<0.005			
V702417		1.80	<0.005			
V702418		2.62	<0.005			
V702419		3.18	<0.005			
V702420		0.11	4.11	4.17		
V702421		2.84	<0.005			
V702422		2.71	<0.005			
V702423		2.60	<0.005			
V702424		2.44	<0.005			
V702425		3.68	<0.005			
V702426		3.24	<0.005			
V702427		3.71	<0.005			
V702428		3.65	<0.005			
V702429		3.62	<0.005			
V702430		3.53	<0.005			
V702431		3.35	<0.005			84.9
V702432		3.81	<0.005			76.9
V702433		2.83	<0.005			
V702434		2.61	<0.005			
V702435		2.29	<0.005			
V702436		1.09	0.433			
V702437		3.53	0.026			
V702438		2.84	<0.005			
V702439		3.49	<0.005		84.3	81.2
V702440		0.89	<0.005			

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Projet: WILLBOB PROJECT

Finalisée date:
16- AOUT- 2017
Compte: MIDEXP

CERTIFICAT D'ANALYSE SD17153305

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702441		3.76	<0.005			
V702442		1.80	<0.005		92.2	
V702443		3.12	<0.005			
V702444		3.85	<0.005			
V702445		3.81	<0.005			
V702446		3.68	<0.005			
V702447		3.80	<0.005			
V702448		3.65	0.007			
V702449		3.83	<0.005			
V702450		2.41	<0.005			
V702451		1.71	0.101		97.8	
V702452		3.20	<0.005			
V702453		3.74	<0.005			
V702454		3.64	<0.005			
V702455		3.42	<0.005		84.8	
V702456		3.60	<0.005			
V702457		3.73	<0.005			
V702458		3.71	<0.005			
V702459		3.75	0.005			
V702460		0.12	3.99	4.04		
V702461		3.62	<0.005			
V702462		3.55	<0.005			
V702463		3.73	<0.005			
V702464		3.74	<0.005			
V702465		3.67	<0.005			
V702466		3.80	<0.005			
V702467		3.60	<0.005			
V702468		3.68	<0.005			
V702469		3.63	<0.005			
V702470		3.78	<0.005			
V702471		3.76	<0.005			
V702472		3.64	<0.005			
V702473		2.53	<0.005			
V702474		3.65	<0.005			
V702475		2.07	<0.005			
V702476		0.11	4.00	3.95		
V702477		0.87	<0.005			
V702478		1.34	<0.005			
V702479		1.13	2.12		95.7	86.3
V702480		0.90	<0.005			

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
16- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17153305

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702481		1.16	<0.005			
V702482		1.59	<0.005			
V702483		2.48	<0.005			
V702484		1.08	0.005			
V702485		2.33	<0.005			
V702486		2.31	<0.005			
V702487		2.94	<0.005			91.5
V702488		3.29	<0.005			89.8
V702489		3.30	<0.005			
V702490		1.32	<0.005			
V702491		0.89	<0.005			
V702492		2.00	<0.005			
V702493		3.42	<0.005			
V702494		2.41	<0.005			
V702495		2.93	<0.005			
V702496		3.27	<0.005			
V702497		3.28	<0.005			
V702498		3.06	<0.005			
V702499		3.29	<0.005			
V702500		0.11	4.18	3.90		
V702501		3.11	<0.005			
V702502		3.58	<0.005			
V702503		3.54	<0.005			
V702504		3.32	<0.005			
V702505		3.42	<0.005			
V702506		1.22	<0.005			
V702507		0.78	1.985			
V702508		1.42	<0.005			
V702509		3.39	<0.005		96.5	
V702510		3.43	<0.005			
V702511		3.14	0.016			
V702512		3.28	<0.005			92.9
V702513		3.06	<0.005			
V702514		2.25	<0.005			
V702515		2.12	<0.005			
V702516		3.49	<0.005			
V702517		3.44	0.024			
V702518		1.56	<0.005			
V702519		2.15	0.032		95.1	92.0
V702520		1.03	<0.005			

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: WILLBOB PROJECT

Finalisée date:
16- AOUT- 2017
Compte: MIDEXP

CERTIFICAT D'ANALYSE SD17153305

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702521		0.79	<0.005			
V702522		3.42	<0.005			
V702523		1.97	<0.005			
V702524		1.63	0.076			
V702525		0.77	0.077			
V702526		2.56	<0.005			
V702527		2.24	0.066			
V702528		1.82	0.269			
V702529		0.76	<0.005			
V702530		3.08	<0.005			
V702531		3.56	<0.005			
V702532		2.22	0.143			
V702533		3.36	0.056			
V702534		2.42	<0.005			
V702535		0.88	0.017			
V702536		1.87	<0.005			
V702537		0.87	<0.005			
V702538		2.15	<0.005			
V702539		1.22	0.013			
V702540		0.12	3.94	3.81		
V702541		3.08	<0.005			88.8
V702542		1.20	<0.005			97.2
V702543		2.33	<0.005			
V702544		3.52	<0.005			
V702545		3.35	0.016			
V702546		3.28	0.006		96.3	
V702547		3.46	<0.005			
V702548		2.96	<0.005			
V702549		3.32	<0.005			
V702550		3.12	<0.005			
V702551		2.40	<0.005			
V702552		2.30	<0.005			
V702553		3.55	<0.005			
V702554		2.90	<0.005			
V702555		2.61	<0.005			
V702556		3.52	<0.005			
V702557		3.56	<0.005			
V702558		1.52	0.037			
V702559		2.52	<0.005		92.0	88.0
V702560		0.64	<0.005			

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Projet: WILLBOB PROJECT

Finalisée date:
16- AOUT- 2017
Compte: MIDEXP

CERTIFICAT D'ANALYSE SD17153305

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V702561		0.91	0.045			
V702562		1.92	<0.005			
V702563		2.30	0.005			
V702564		3.65	<0.005			
V702565		1.94	0.019			
V702566		3.70	0.007			
V702567		3.41	<0.005			
V702568		3.41	<0.005			
V702569		2.65	<0.005			
V702570		3.42	<0.005			
V702571		3.46	<0.005			87.9
V702572		3.35	<0.005			94.6
V702573		2.27	<0.005			
V702574		1.99	<0.005			
V702575		2.04	0.005			
V702576		1.23	<0.005			
V702577		2.44	0.021			

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date:
16- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17153305

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
	Au- AA23	Au- GRA21

ALS Canada Ltd.

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

CERTIFICAT SD17168021

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 82 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE SYLVAIN TRÉPANIER	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: MARIO MASSON
210, 9E RUE
BUREAU 107
ROUYN- NORANDA QC J9X 2C2

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
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Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17168021

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703764		3.53	<0.005		<0.5	6.42	5	190	0.5	6	5.21	<0.5	35	7	16	12.15
V703765		1.15	<0.005		<0.5	6.62	<5	40	0.7	6	6.56	<0.5	21	7	17	9.10
V703766		1.07	<0.005		<0.5	6.57	<5	10	0.8	3	12.80	9.0	15	8	53	6.51
V703767		1.65	<0.005		<0.5	6.55	<5	70	<0.5	6	6.29	<0.5	26	4	16	10.60
V703768		3.76	<0.005		<0.5	6.28	<5	140	0.5	4	5.89	<0.5	28	4	12	10.25
V703769		3.76	<0.005		<0.5	6.44	<5	300	0.5	6	5.98	0.5	34	4	19	12.15
V703770		3.93	<0.005		<0.5	6.66	<5	270	0.5	5	5.59	<0.5	29	4	10	11.70
V703771		3.74	0.005		<0.5	6.17	<5	260	<0.5	7	5.50	<0.5	35	4	15	12.40
V703772		3.82	<0.005		<0.5	6.66	<5	240	<0.5	3	5.23	<0.5	31	5	15	11.95
V703773		4.04	<0.005		<0.5	6.64	10	280	0.5	<2	6.16	<0.5	32	4	10	11.95
V703774		2.80	0.005		<0.5	6.17	15	320	0.5	3	6.79	<0.5	33	3	16	11.95
V703775		3.69	0.010		<0.5	7.08	<5	120	0.5	2	5.73	0.6	28	4	20	10.60
V703776		1.37	<0.005		<0.5	6.79	12	10	<0.5	3	5.61	<0.5	29	29	24	9.61
V703777		3.58	0.006		<0.5	6.19	15	160	0.5	2	5.21	0.5	41	3	29	12.25
V703778		3.33	<0.005		<0.5	7.42	32	10	0.7	<2	7.36	<0.5	43	14	42	9.48
V703779		3.11	<0.005		<0.5	6.58	37	20	0.6	4	7.11	<0.5	40	152	71	8.79
V703780		0.11	3.86	4.14	1.0	6.86	33	590	0.8	2	2.40	0.9	19	63	143	5.12
V703781		2.54	<0.005		<0.5	8.42	20	530	1.2	<2	0.99	<0.5	17	91	74	4.15
V703782		2.86	<0.005		<0.5	8.68	<5	480	1.1	<2	0.71	<0.5	13	71	134	4.22
V703783		1.78	<0.005		<0.5	6.47	55	130	0.6	<2	7.05	<0.5	44	663	5	6.30
V703784		3.06	<0.005		<0.5	5.95	35	130	0.7	<2	8.78	<0.5	42	716	20	5.87
V703785		1.73	<0.005		<0.5	5.41	42	70	<0.5	<2	11.45	<0.5	37	563	54	5.28
V703786		2.35	<0.005		<0.5	6.20	84	150	<0.5	<2	8.09	<0.5	40	575	74	5.78
V703787		2.63	<0.005		<0.5	7.10	71	360	0.6	2	6.34	<0.5	35	348	50	5.98
V703788		2.01	<0.005		<0.5	7.79	5	870	1.2	<2	1.17	<0.5	14	55	76	3.75
V703789		1.69	<0.005		<0.5	3.51	<5	410	0.6	<2	0.60	<0.5	7	48	29	1.88
V703790		1.17	<0.005		<0.5	1.95	<5	190	<0.5	<2	0.31	<0.5	8	64	37	2.62
V703791		2.28	<0.005		<0.5	4.44	<5	460	0.8	<2	0.71	<0.5	8	61	27	2.78
V703792		1.42	<0.005		<0.5	5.13	<5	430	0.8	<2	0.89	<0.5	10	52	34	2.83
V703793		2.95	<0.005		<0.5	7.52	17	600	1.2	<2	1.63	<0.5	20	70	53	4.87
V703794		3.41	<0.005		<0.5	6.45	8	670	1.2	<2	1.59	<0.5	8	44	13	2.64
V703795		2.68	<0.005		<0.5	5.78	11	560	1.0	<2	1.33	<0.5	9	36	15	2.43
V703796		3.12	<0.005		<0.5	6.76	6	560	1.2	<2	1.05	1.1	10	48	33	3.08
V703797		3.47	0.015		<0.5	5.91	12	460	1.0	<2	1.02	<0.5	10	34	19	2.30
V703798		2.17	<0.005		<0.5	8.91	6	580	1.6	<2	0.73	<0.5	11	61	48	4.55
V703799		0.82	0.006		0.6	6.29	<5	100	0.5	<2	5.50	3.5	26	58	249	9.19
V703800		0.59	<0.005		<0.5	8.01	<5	900	1.4	<2	2.47	<0.5	20	96	50	5.57
V703801		2.52	<0.005		<0.5	7.23	<5	300	1.0	<2	2.07	<0.5	10	59	65	5.00
V703802		1.16	0.047		0.8	5.24	35	100	0.5	<2	4.51	<0.5	20	49	320	10.25
V703803		1.84	<0.005		<0.5	7.36	26	210	0.9	<2	2.52	<0.5	21	88	32	5.68

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17168021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703764		20	0.32	<10	1.77	2430	<1	1.99	<1	930	<2	0.17	<5	58	188	<20
V703765		20	0.08	10	1.83	2030	<1	2.50	<1	880	<2	0.17	<5	52	109	<20
V703766		30	0.02	10	1.36	1700	<1	0.61	<1	350	2	0.11	<5	35	136	<20
V703767		20	0.11	10	1.94	2020	<1	1.79	<1	900	4	0.21	<5	57	115	<20
V703768		20	0.21	10	1.57	2140	<1	2.00	<1	830	<2	0.14	5	54	149	<20
V703769		20	0.42	<10	1.38	2210	1	1.63	<1	950	<2	0.19	<5	56	317	<20
V703770		20	0.37	10	1.32	2080	<1	1.70	<1	1760	2	0.12	<5	53	259	<20
V703771		20	0.36	10	1.41	1800	<1	1.40	<1	3630	<2	0.17	<5	56	240	<20
V703772		20	0.35	<10	1.38	1780	<1	1.77	<1	900	3	0.19	<5	54	301	<20
V703773		20	0.43	<10	1.27	2170	<1	1.16	<1	790	3	0.14	<5	53	284	<20
V703774		20	0.44	10	1.20	2150	<1	1.25	<1	3900	2	0.30	<5	51	252	<20
V703775		20	0.20	10	1.61	1915	<1	2.10	<1	2080	2	0.32	<5	43	151	<20
V703776		20	0.04	10	1.96	1605	<1	1.92	4	610	2	0.17	<5	35	160	<20
V703777		20	0.21	10	1.76	2450	<1	0.79	<1	640	5	0.32	<5	50	181	<20
V703778		20	0.04	10	3.35	1660	<1	1.76	27	270	5	0.08	5	42	138	<20
V703779		20	0.04	10	3.48	1560	<1	1.42	77	350	4	0.28	6	41	137	<20
V703780		20	1.08	10	1.46	845	7	2.17	39	740	46	0.14	5	16	266	<20
V703781		20	1.99	40	1.54	464	1	2.97	39	480	<2	0.49	<5	14	45	<20
V703782		20	1.87	50	1.32	334	1	3.78	34	440	5	0.81	<5	11	50	<20
V703783		10	0.65	10	5.53	1205	<1	0.60	157	150	3	<0.01	<5	40	59	<20
V703784		10	0.68	<10	6.45	1250	<1	0.98	165	120	13	<0.01	<5	41	48	<20
V703785		10	0.30	<10	5.42	1300	<1	0.45	149	120	13	<0.01	<5	36	100	<20
V703786		10	0.61	<10	5.69	1185	1	0.49	148	120	5	0.01	<5	40	88	<20
V703787		20	1.52	10	4.17	1140	<1	0.53	100	210	2	0.01	<5	34	82	<20
V703788		20	3.44	40	1.15	319	1	0.65	30	500	4	0.61	<5	9	28	20
V703789		10	1.67	20	0.46	186	2	0.23	13	280	3	0.30	<5	3	14	<20
V703790		<10	0.74	10	0.44	182	4	0.15	10	190	20	0.65	<5	2	8	<20
V703791		10	1.74	20	0.65	300	3	0.62	16	300	10	0.48	<5	4	22	<20
V703792		10	1.64	30	0.74	360	1	1.22	23	350	53	0.43	<5	5	35	<20
V703793		20	2.41	30	1.55	672	1	1.37	36	660	34	0.46	<5	15	58	<20
V703794		20	2.66	30	0.99	529	1	0.91	17	280	17	0.10	<5	6	51	<20
V703795		10	2.06	30	0.85	454	1	1.29	17	280	30	0.09	<5	5	51	<20
V703796		20	2.11	30	0.95	449	1	1.85	24	370	53	0.30	<5	7	55	<20
V703797		10	1.71	20	0.77	470	1	1.98	15	240	15	0.12	<5	5	65	<20
V703798		20	2.13	50	1.36	515	<1	3.02	29	280	21	0.42	<5	11	87	20
V703799		10	0.37	30	1.67	2240	5	4.43	68	240	294	2.27	<5	11	355	<20
V703800		20	1.99	40	1.87	632	1	2.23	52	850	22	0.11	<5	19	420	20
V703801		20	1.08	40	1.52	1080	1	3.25	26	200	26	0.43	<5	10	162	20
V703802		10	0.41	30	2.28	2370	2	2.58	40	260	1155	2.65	<5	8	281	<20
V703803		20	0.70	40	2.05	1470	<1	3.54	47	420	30	0.17	<5	13	192	<20

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Finalisée date:
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CERTIFICAT D'ANALYSE SD17168021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V703764		1.36	<10	<10	44	<10	69	92.8	92.2
V703765		1.36	<10	<10	46	<10	86		92.4
V703766		1.10	<10	<10	46	<10	2210		
V703767		1.42	<10	<10	31	<10	90		
V703768		1.37	<10	<10	30	<10	60		
V703769		1.46	<10	<10	25	<10	70		
V703770		1.45	<10	<10	21	<10	72		
V703771		1.56	<10	<10	21	<10	75		
V703772		1.36	<10	<10	27	<10	71		
V703773		1.49	<10	<10	23	<10	77		
V703774		1.48	<10	<10	16	<10	70		
V703775		1.20	<10	<10	60	<10	93		
V703776		1.01	<10	<10	88	<10	139		
V703777		1.54	<10	<10	46	<10	114		
V703778		0.66	<10	<10	361	<10	141		
V703779		0.78	<10	<10	193	<10	88		
V703780		0.36	<10	<10	139	40	284		
V703781		0.34	<10	<10	83	<10	50		
V703782		0.38	<10	<10	69	<10	45		
V703783		0.28	<10	<10	197	<10	106		
V703784		0.24	10	<10	189	<10	75		
V703785		0.21	<10	<10	170	<10	68		
V703786		0.22	<10	<10	193	<10	72		
V703787		0.29	<10	<10	183	<10	104		
V703788		0.23	<10	<10	49	<10	48		
V703789		0.11	<10	<10	22	<10	23		
V703790		0.05	<10	<10	12	<10	27		
V703791		0.12	<10	<10	26	<10	34		
V703792		0.11	<10	<10	33	<10	39		
V703793		0.24	<10	<10	110	<10	110		
V703794		0.17	<10	<10	39	<10	44		
V703795		0.12	<10	<10	31	<10	60	90.4	
V703796		0.16	<10	<10	46	<10	217		
V703797		0.11	<10	<10	27	<10	29		
V703798		0.17	<10	<10	64	<10	63		
V703799		0.13	<10	<10	103	<10	300		
V703800		0.50	<10	<10	138	<10	109		
V703801		0.14	<10	<10	72	<10	51		
V703802		0.08	<10	<10	66	<10	57		
V703803		0.21	<10	<10	69	<10	77	89.4	91.6

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CERTIFICAT D'ANALYSE SD17168021

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703804		2.16	<0.005		<0.5	8.75	33	810	2.1	2	0.52	<0.5	24	63	32	4.72
V703805		1.91	<0.005		<0.5	8.74	22	780	1.9	2	1.07	<0.5	12	53	5	3.65
V703806		2.23	<0.005		<0.5	9.39	27	980	2.2	<2	0.59	<0.5	20	62	43	4.21
V703807		3.03	<0.005		<0.5	7.17	59	390	0.9	<2	4.52	<0.5	37	206	50	5.28
V703808		2.62	<0.005		<0.5	6.75	62	280	0.6	<2	6.79	<0.5	43	269	81	6.25
V703809		1.72	<0.005		<0.5	7.15	68	360	0.8	<2	5.04	<0.5	44	194	113	5.79
V703810		3.11	<0.005		<0.5	7.80	24	740	1.5	<2	1.45	<0.5	20	88	12	4.26
V703811		3.57	<0.005		<0.5	8.43	20	900	1.7	<2	0.62	<0.5	23	75	12	4.99
V703812		2.97	<0.005		<0.5	8.09	6	1070	1.8	<2	0.72	<0.5	16	74	14	4.46
V703813		0.85	<0.005		<0.5	8.46	9	1160	2.0	<2	0.50	<0.5	36	77	12	5.06
V703814		1.42	<0.005		<0.5	8.04	<5	990	1.6	2	1.18	<0.5	22	75	22	5.30
V703815		2.51	<0.005		<0.5	7.30	7	790	1.4	<2	3.03	<0.5	29	69	33	6.06
V703816		1.19	<0.005		<0.5	8.88	7	930	1.4	<2	3.51	<0.5	36	93	38	7.40
V703817		1.97	<0.005		<0.5	6.83	49	460	0.6	<2	6.13	<0.5	48	270	65	5.77
V703818		3.71	<0.005		<0.5	6.16	59	280	<0.5	<2	6.01	<0.5	58	311	114	6.35
V703819		3.64	<0.005		0.5	7.55	13	240	<0.5	<2	6.05	<0.5	44	203	66	5.59
V703820		0.10	4.11	4.09	1.0	6.82	35	580	0.8	<2	2.41	0.7	17	62	145	5.03
V703821		3.62	0.005		<0.5	8.06	<5	100	<0.5	<2	6.59	<0.5	47	206	77	5.68
V703822		3.72	<0.005		<0.5	8.56	5	20	<0.5	<2	6.65	<0.5	49	224	88	5.85
V703823		3.52	<0.005		<0.5	8.01	7	50	<0.5	<2	6.63	<0.5	47	213	94	5.85
V703824		3.51	<0.005		<0.5	7.66	<5	220	<0.5	<2	6.59	<0.5	53	227	132	6.26
V703825		3.42	<0.005		<0.5	7.38	9	240	<0.5	<2	6.75	<0.5	53	207	125	6.21
V703826		3.63	<0.005		<0.5	7.78	34	150	<0.5	<2	6.25	<0.5	52	223	105	6.23
V703827		4.00	<0.005		<0.5	8.62	60	20	<0.5	<2	7.04	<0.5	64	217	126	6.38
V703828		3.89	<0.005		<0.5	9.45	67	30	<0.5	<2	7.31	<0.5	54	222	223	6.76
V703829		1.29	0.005		<0.5	7.86	49	50	<0.5	<2	6.40	<0.5	46	198	218	5.45
V703830		2.22	<0.005		<0.5	7.47	19	270	<0.5	2	6.35	<0.5	52	213	147	6.00
V703831		3.50	<0.005		<0.5	7.79	18	380	<0.5	<2	6.72	<0.5	45	190	118	5.87
V703832		1.50	0.005		<0.5	8.01	5	280	<0.5	<2	5.72	<0.5	39	187	111	5.68
V703833		3.21	0.006		<0.5	8.34	20	80	<0.5	<2	7.23	0.6	56	285	381	6.76
V703834		2.50	<0.005		<0.5	8.35	12	50	<0.5	<2	7.60	<0.5	64	374	386	6.95
V703835		3.45	<0.005		<0.5	8.50	12	50	<0.5	<2	7.73	<0.5	61	316	309	7.12
V703836		2.18	<0.005		<0.5	8.09	13	90	<0.5	<2	8.18	<0.5	49	413	386	6.63
V703837		2.54	0.006		<0.5	7.35	26	270	<0.5	<2	6.82	<0.5	77	395	605	7.37
V703838		3.26	0.005		<0.5	7.26	34	180	<0.5	<2	6.42	<0.5	71	348	412	7.06
V703839		3.86	0.005		<0.5	8.30	25	40	<0.5	2	7.28	<0.5	59	281	266	6.97
V703840		0.88	<0.005		<0.5	8.11	<5	1140	1.6	<2	2.49	<0.5	24	104	67	6.02
V703841		2.54	0.006		<0.5	8.29	11	80	<0.5	<2	7.10	<0.5	57	320	490	6.77
V703842		Not Recvd														
V703843		3.60	<0.005		<0.5	7.47	9	350	<0.5	2	7.13	<0.5	41	325	138	5.77

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17168021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703804		20	2.83	40	1.42	893	<1	1.97	34	400	<2	0.18	5	14	56	<20
V703805		20	2.83	40	1.26	1145	<1	2.05	24	400	4	0.03	<5	10	82	<20
V703806		20	3.61	50	1.44	764	<1	1.09	35	380	<2	0.09	6	13	51	20
V703807		20	2.02	20	3.37	1205	<1	1.49	123	370	5	0.03	<5	21	191	<20
V703808		10	2.17	10	4.60	1290	<1	0.58	161	360	<2	0.02	<5	31	238	<20
V703809		20	2.03	10	3.44	1335	1	1.29	96	390	8	0.02	<5	30	218	<20
V703810		20	2.37	40	1.60	739	1	1.79	34	390	25	0.01	<5	13	106	<20
V703811		20	2.91	40	1.67	616	<1	1.61	32	450	6	0.01	<5	13	76	<20
V703812		20	3.53	40	1.53	470	1	0.62	29	420	6	0.04	<5	13	71	<20
V703813		20	3.91	40	1.25	278	<1	0.19	39	420	5	1.93	<5	13	57	<20
V703814		20	3.51	40	1.63	596	<1	0.11	36	460	6	0.29	<5	15	82	<20
V703815		20	3.11	30	1.67	1060	<1	0.10	42	520	6	0.35	<5	17	168	<20
V703816		30	3.58	40	2.50	1150	<1	0.09	61	740	3	0.25	<5	22	176	<20
V703817		10	2.28	10	5.23	1415	<1	0.12	224	320	3	0.03	<5	26	234	<20
V703818		10	1.18	10	6.74	1400	<1	0.26	381	280	<2	0.04	<5	20	191	<20
V703819		10	0.69	<10	5.19	1085	<1	1.80	254	280	2	0.08	<5	20	201	<20
V703820		20	1.07	10	1.49	853	7	2.14	39	740	46	0.14	5	16	265	<20
V703821		10	0.11	<10	5.46	997	<1	2.18	263	310	2	0.08	<5	21	302	<20
V703822		20	0.03	10	5.53	997	1	1.86	275	340	6	0.07	5	22	617	<20
V703823		10	0.05	10	5.43	1040	<1	1.77	268	270	5	0.10	8	20	385	<20
V703824		10	0.48	10	6.12	1110	<1	1.33	336	280	2	0.11	<5	22	174	<20
V703825		10	0.67	10	6.08	1090	<1	0.90	333	290	<2	0.11	<5	21	179	<20
V703826		10	0.20	10	5.99	1070	<1	1.55	293	290	2	0.09	<5	21	238	<20
V703827		20	0.04	10	5.84	1075	<1	1.59	304	320	6	0.12	<5	24	543	<20
V703828		20	0.06	10	6.00	1105	<1	1.92	355	340	3	0.18	<5	25	543	<20
V703829		20	0.08	10	4.96	935	<1	1.86	312	320	4	0.16	<5	21	352	<20
V703830		10	0.63	<10	5.78	1070	<1	1.24	315	280	<2	0.11	<5	21	164	<20
V703831		20	1.19	10	5.00	1175	<1	1.07	254	290	<2	0.15	<5	20	207	<20
V703832		10	0.82	10	4.54	1195	<1	2.03	178	280	<2	0.11	<5	20	188	<20
V703833		20	0.15	10	5.03	1195	<1	1.80	353	360	12	0.44	6	27	373	<20
V703834		20	0.09	10	5.10	1190	<1	1.76	369	390	5	0.56	<5	31	414	<20
V703835		20	0.10	10	5.39	1215	<1	1.69	318	340	7	0.40	<5	30	423	<20
V703836		20	0.17	10	4.90	1200	<1	1.81	352	430	5	0.47	<5	35	395	<20
V703837		10	0.54	10	6.23	1465	<1	1.54	538	320	3	0.73	<5	30	182	<20
V703838		10	0.36	10	5.87	1410	<1	1.68	444	310	2	0.59	<5	29	231	<20
V703839		20	0.06	10	5.28	1210	<1	1.74	312	330	5	0.32	<5	30	407	<20
V703840		20	2.07	30	2.00	629	<1	2.29	59	1040	20	0.13	<5	21	479	<20
V703841		20	0.13	10	4.78	1220	<1	1.97	433	320	6	0.56	<5	29	296	<20
V703842																
V703843		10	0.50	10	4.51	1110	<1	1.65	161	390	8	0.21	<5	29	212	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com/geochemistry

À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17168021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V703804		0.24	<10	<10	64	<10	60		94.1
V703805		0.20	<10	<10	53	<10	45		94.9
V703806		0.25	<10	<10	67	<10	60		
V703807		0.22	<10	<10	144	<10	83		
V703808		0.31	<10	<10	197	<10	83		
V703809		0.29	<10	<10	195	<10	81		
V703810		0.18	<10	<10	67	<10	54		
V703811		0.20	<10	<10	63	<10	62		
V703812		0.19	<10	<10	69	<10	52		
V703813		0.22	<10	<10	75	<10	43		
V703814		0.21	<10	<10	78	<10	56		
V703815		0.31	<10	<10	92	<10	44		
V703816		0.40	<10	<10	119	<10	63		
V703817		0.18	<10	<10	159	<10	65		
V703818		0.15	<10	<10	134	<10	81		
V703819		0.21	<10	<10	134	<10	58		
V703820		0.36	<10	<10	137	40	280		
V703821		0.33	<10	<10	147	<10	57		
V703822		0.35	<10	<10	156	<10	62		
V703823		0.33	<10	<10	140	<10	58		
V703824		0.29	<10	<10	138	<10	65		
V703825		0.29	<10	<10	134	<10	62		
V703826		0.32	<10	<10	140	<10	63		
V703827		0.36	<10	<10	152	<10	62		
V703828		0.40	<10	<10	170	<10	65		
V703829		0.37	<10	<10	160	<10	54		
V703830		0.30	<10	<10	139	<10	63		
V703831		0.29	<10	<10	134	<10	60		
V703832		0.32	<10	<10	144	<10	63		
V703833		0.37	10	<10	167	<10	72	94.3	
V703834		0.40	<10	<10	186	<10	69		
V703835		0.38	<10	<10	171	<10	72		
V703836		0.44	<10	<10	209	<10	75		
V703837		0.36	<10	<10	171	<10	70		
V703838		0.35	<10	<10	164	<10	70		
V703839		0.35	<10	<10	162	<10	71		
V703840		0.59	<10	<10	168	<10	111		
V703841		0.38	<10	<10	177	<10	66		
V703842									
V703843		0.35	<10	<10	174	<10	64	90.5	89.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17168021

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703844		3.66	0.010		<0.5	6.94	42	380	<0.5	<2	6.59	<0.5	65	342	476	6.48
V703845		3.16	<0.005		<0.5	7.21	50	460	0.5	<2	6.93	<0.5	59	225	314	6.19

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Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17168021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703844		10	1.80	10	4.37	1180	<1	0.91	418	300	2	0.74	<5	28	213	<20
V703845		10	2.18	<10	4.43	1050	<1	0.54	373	250	2	0.42	<5	22	223	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
29- AOUT- 2017
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CERTIFICAT D'ANALYSE SD17168021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
V703844		0.17	<10	<10	163	<10	67		
V703845		0.16	10	<10	130	<10	66		

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17168021

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

ALS Canada Ltd.

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 25- JANV- 2017
Compte: MIDEXP

CERTIFICAT VO17008243

Projet: WILLBOB

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- JANV- 2017.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

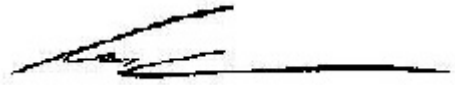
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 25- JANV- 2017
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO17008243

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
S436951		<0.5	5.49	35	150	0.8	<2	1.24	<0.5	27	18	20	5.88	20	0.80	50
S436952		<0.5	5.91	157	230	1.1	<2	1.15	<0.5	15	14	47	9.84	20	1.25	10
S436953		<0.5	5.72	12	150	0.8	<2	1.95	<0.5	6	19	4	6.83	20	0.83	<10
S436954		0.5	5.43	13	140	0.7	<2	1.34	<0.5	13	14	44	7.75	20	0.61	10
S436955		<0.5	5.30	1795	90	0.9	3	1.14	<0.5	14	24	140	6.38	10	0.43	10
S436956		<0.5	5.51	>10000	40	0.7	<2	1.19	<0.5	107	22	11	6.14	10	0.23	10
S436957		<0.5	7.83	46	1280	1.1	2	2.76	<0.5	23	118	55	6.29	20	1.81	20
S436958		<0.5	5.16	>10000	60	0.7	<2	3.78	<0.5	303	7	6	16.85	10	0.36	10
S436959		<0.5	6.60	4200	110	1.0	2	2.31	<0.5	86	11	4	8.20	20	0.65	10
S436960		<0.5	5.93	>10000	130	0.9	<2	1.22	<0.5	42	13	25	8.05	20	0.75	10
S436961		<0.5	5.15	766	170	0.8	2	1.11	<0.5	10	19	54	7.47	20	0.76	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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Finalisée date: 25- JANV- 2017
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO17008243

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
S436951		0.33	744	2	2.44	6	320	5	0.18	<5	17	79	<20	0.19	<10	<10
S436952		0.40	1485	<1	2.72	2	340	10	1.99	<5	16	98	<20	0.10	<10	<10
S436953		0.33	1550	<1	3.33	<1	350	2	0.01	<5	12	113	<20	0.12	<10	<10
S436954		0.23	1375	<1	2.73	1	360	6	0.53	<5	13	91	<20	0.19	<10	<10
S436955		0.25	707	<1	3.10	3	340	2	1.27	<5	11	85	<20	0.15	<10	<10
S436956		0.15	510	2	4.29	2	290	4	2.66	11	7	82	<20	0.07	<10	<10
S436957		2.13	731	<1	2.36	61	1060	14	0.13	<5	22	539	<20	0.60	<10	<10
S436958		0.34	1455	<1	3.78	<1	300	6	>10.0	12	12	125	<20	0.07	<10	<10
S436959		0.21	853	1	4.66	1	380	3	6.45	<5	13	119	<20	0.11	<10	<10
S436960		0.29	756	1	3.68	<1	340	9	2.19	8	10	84	<20	0.09	<10	<10
S436961		0.27	1300	<1	2.40	<1	390	<2	0.59	<5	10	71	<20	0.14	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 25- JANV- 2017
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO17008243

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436951		3	<10	47
S436952		5	<10	35
S436953		3	<10	24
S436954		1	<10	53
S436955		9	<10	37
S436956		9	<10	8
S436957		171	<10	116
S436958		13	10	13
S436959		14	10	8
S436960		5	<10	22
S436961		2	<10	37

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 25- JANV- 2017
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO17008243

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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Finalisée date: 12- JUIL- 2017
Compte: MIDEXP

CERTIFICAT VO17132969

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 48 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- JUIN- 2017.

Les résultats sont transmis à:

MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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ROSEMÈRE QC J7A 2H1

Finalisée date: 12- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17132969

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702804		3.33	0.007		<0.5	6.32	22	30	0.7	<2	4.42	<0.5	34	4	21	11.45
V702805		1.47	0.013		<0.5	5.65	28	30	0.6	3	6.25	<0.5	33	5	24	10.65
V702806		2.17	<0.005		<0.5	6.38	32	40	0.5	4	2.48	<0.5	37	3	37	12.55
V702807		0.82	0.006		<0.5	5.99	29	20	0.5	2	4.79	<0.5	36	3	97	11.95
V702808		2.32	<0.005		<0.5	6.48	35	30	0.6	2	4.34	<0.5	34	5	30	11.80
V702809		0.88	3.50	3.89	0.5	4.15	7070	20	<0.5	<2	14.25	<0.5	35	7	98	8.36
V702810		0.62	0.007		<0.5	6.71	131	20	0.5	4	5.99	<0.5	32	7	38	10.40
V702811		1.35	0.005		<0.5	7.17	43	30	0.5	<2	3.75	<0.5	43	7	25	13.20
V702812		1.62	0.010		<0.5	7.11	37	60	0.5	3	2.58	<0.5	41	9	30	12.60
V702953		3.34	<0.005		<0.5	6.98	33	60	0.5	3	4.21	<0.5	38	4	23	11.00
V702954		3.29	0.009		<0.5	6.67	67	30	0.5	2	4.92	<0.5	48	6	12	10.85
V702955		1.24	0.006		<0.5	6.83	91	20	1.0	4	7.04	<0.5	23	4	23	9.79
V702956		2.61	0.033		<0.5	6.66	<5	40	1.6	3	2.29	<0.5	4	6	6	5.37
V702957		2.07	<0.005		<0.5	6.10	11	80	1.6	2	3.52	<0.5	6	6	24	6.42
V702958		2.16	0.048		<0.5	5.46	<5	70	1.1	4	2.30	<0.5	7	9	36	7.15
V702959		1.16	<0.005		<0.5	5.55	5	30	1.0	4	2.75	<0.5	7	8	10	6.53
V702960		0.76	0.011		<0.5	7.56	<5	1010	1.3	<2	2.38	<0.5	23	118	64	6.54
V702961		1.98	0.010		<0.5	5.87	68	80	1.2	<2	3.83	<0.5	7	11	4	5.80
V702962		0.86	0.063		<0.5	5.35	320	30	1.6	<2	6.24	<0.5	6	8	7	5.92
V702963		0.87	<0.005		<0.5	6.05	<5	30	1.5	<2	4.51	<0.5	6	10	8	6.87
V702964		0.84	0.008		<0.5	5.71	<5	80	1.1	<2	2.81	<0.5	9	9	20	9.27
V702965		1.65	0.009		<0.5	5.97	<5	150	1.2	<2	3.03	<0.5	6	9	10	7.67
V702966		2.19	<0.005		<0.5	6.07	<5	70	1.1	3	3.25	<0.5	6	8	4	6.39
V702967		0.80	0.027		<0.5	5.55	<5	130	1.0	3	3.31	<0.5	5	15	12	6.45
V702968		1.60	0.080		<0.5	5.74	<5	160	0.7	<2	3.13	<0.5	5	9	10	6.99
V702969		1.14	0.087		<0.5	4.93	<5	90	4.7	<2	5.39	<0.5	4	11	5	6.49
V702970		1.89	<0.005		<0.5	5.89	<5	110	0.6	<2	2.15	<0.5	9	8	9	8.29
V702971		3.11	0.006		<0.5	6.05	14	220	0.9	<2	3.73	<0.5	9	24	6	8.40
V702972		2.23	<0.005		<0.5	5.76	<5	160	1.0	<2	3.25	<0.5	6	12	4	6.70
V702973		3.70	<0.005		<0.5	5.78	<5	40	1.4	<2	2.91	<0.5	5	10	3	5.23
V703019		0.93	0.020		<0.5	5.80	6	50	0.6	3	1.88	<0.5	12	5	36	8.18
V703020		0.07	3.91	4.03	0.9	6.59	30	560	0.7	3	2.35	0.7	17	61	140	4.98
V703021		1.91	1.380		<0.5	2.46	3260	110	0.7	<2	2.97	<0.5	5	15	6	3.16
V703022		1.03	0.821		<0.5	3.22	7750	40	0.7	<2	2.53	<0.5	5	16	12	4.01
V703023		1.73	0.413		<0.5	3.58	>10000	40	0.5	3	1.28	<0.5	8	17	40	5.55
V703024		1.41	0.207		<0.5	1.44	5530	30	<0.5	<2	3.13	<0.5	6	12	2	2.06
V703025		2.29	0.011		<0.5	4.25	56	50	0.6	<2	2.07	<0.5	5	19	33	5.58
V703026		1.05	0.007		<0.5	2.95	9	60	0.5	<2	3.46	<0.5	5	13	36	3.85
V703027		1.04	<0.005		<0.5	0.12	<5	<10	<0.5	<2	0.44	<0.5	1	32	2	1.06
V703028		0.91	0.011		<0.5	4.81	12	80	0.6	3	3.18	<0.5	10	13	91	7.66

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17132969

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702804		20	0.07	<10	2.26	2370	<1	2.24	1	430	2	0.10	<5	50	77	<20
V702805		20	0.10	<10	2.00	2450	<1	1.64	5	440	6	0.13	<5	46	76	<20
V702806		20	0.14	<10	1.93	2240	<1	2.03	2	480	3	0.22	<5	51	52	<20
V702807		20	0.08	<10	1.80	1935	<1	2.07	2	450	2	0.66	<5	47	32	<20
V702808		20	0.13	<10	1.76	2130	<1	2.58	1	400	5	0.21	<5	46	30	<20
V702809		10	0.08	<10	1.05	1950	1	1.55	1	300	16	0.89	<5	29	78	<20
V702810		20	0.07	<10	1.63	1930	<1	2.84	1	290	5	0.17	<5	37	41	<20
V702811		20	0.11	<10	2.22	2170	<1	2.32	4	410	3	0.08	<5	45	45	<20
V702812		20	0.21	<10	1.65	2190	<1	2.92	3	360	<2	0.15	<5	43	60	<20
V702953		20	0.18	<10	2.21	1820	<1	2.15	4	430	<2	0.23	<5	35	134	<20
V702954		20	0.06	<10	1.87	1680	<1	2.28	2	410	2	0.15	<5	34	71	<20
V702955		20	0.04	<10	1.57	2140	<1	3.01	1	1240	2	0.19	<5	34	99	<20
V702956		20	0.08	10	0.86	937	<1	4.01	1	820	<2	0.04	<5	20	52	<20
V702957		20	0.17	10	0.62	1080	<1	3.36	<1	580	<2	0.45	<5	17	74	<20
V702958		20	0.14	10	0.52	915	<1	2.91	<1	590	<2	1.05	<5	17	52	<20
V702959		20	0.06	10	0.62	923	<1	2.42	<1	540	3	0.54	<5	17	82	<20
V702960		20	2.23	30	2.04	733	<1	2.01	59	1010	21	0.13	<5	23	400	<20
V702961		20	0.20	10	0.78	1015	<1	2.08	1	700	3	0.04	<5	19	111	<20
V702962		20	0.08	10	0.64	1070	<1	1.59	<1	620	2	0.14	<5	19	131	<20
V702963		30	0.07	20	0.60	1040	<1	1.71	<1	650	<2	0.24	5	20	167	<20
V702964		20	0.14	10	0.71	1290	<1	2.39	1	910	<2	0.76	<5	21	105	<20
V702965		20	0.27	10	0.54	1320	<1	2.58	<1	720	<2	0.37	<5	20	129	<20
V702966		20	0.14	10	0.71	1055	<1	2.28	<1	690	2	0.09	<5	19	90	<20
V702967		20	0.24	10	0.47	1025	1	2.52	<1	560	<2	0.33	<5	19	81	<20
V702968		20	0.29	20	0.44	893	<1	2.52	1	570	3	0.36	<5	16	106	<20
V702969		20	0.16	10	0.42	2200	<1	0.78	<1	600	4	0.12	<5	16	234	<20
V702970		20	0.20	20	0.80	970	<1	2.52	<1	890	3	0.23	<5	23	66	<20
V702971		20	0.39	20	0.47	1180	<1	2.36	3	910	14	0.18	<5	20	124	<20
V702972		20	0.29	10	0.47	1030	<1	2.57	<1	570	<2	0.14	<5	17	90	<20
V702973		20	0.10	10	0.74	1085	<1	2.85	<1	610	<2	<0.01	<5	16	64	<20
V703019		20	0.16	20	0.79	706	<1	2.50	<1	1000	2	0.59	<5	25	49	<20
V703020		10	1.04	10	1.44	802	6	2.08	40	710	44	0.13	<5	15	258	<20
V703021		10	0.31	10	0.35	675	<1	0.98	1	370	<2	0.24	<5	9	56	<20
V703022		10	0.07	10	0.35	714	1	1.95	1	530	2	0.51	<5	10	82	<20
V703023		10	0.08	10	0.53	655	1	1.89	2	660	2	0.93	<5	12	48	<20
V703024		<10	0.05	<10	0.20	719	<1	0.83	2	230	<2	0.31	<5	5	70	<20
V703025		10	0.09	10	0.62	905	<1	2.24	3	720	<2	0.34	<5	15	66	<20
V703026		10	0.13	10	0.34	1070	<1	1.74	2	460	3	0.44	<5	12	74	<20
V703027		<10	0.01	<10	0.04	176	<1	0.01	4	10	<2	<0.01	<5	1	5	<20
V703028		10	0.14	10	0.67	1305	1	2.55	1	810	2	1.04	<5	18	94	<20

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CERTIFICAT D'ANALYSE VO17132969

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V702804		1.49	<10	<10	31	<10	62
V702805		1.38	<10	<10	31	<10	71
V702806		1.52	<10	<10	35	<10	52
V702807		1.40	<10	<10	43	<10	53
V702808		1.66	<10	<10	42	<10	67
V702809		1.22	<10	<10	43	<10	41
V702810		1.49	<10	<10	66	<10	61
V702811		1.60	<10	<10	87	<10	71
V702812		1.57	<10	<10	98	<10	55
V702953		0.94	<10	<10	332	<10	70
V702954		0.98	<10	<10	264	<10	80
V702955		1.26	<10	<10	147	<10	64
V702956		0.43	<10	<10	17	<10	33
V702957		0.35	<10	<10	13	<10	37
V702958		0.36	<10	<10	2	<10	35
V702959		0.36	<10	<10	<1	<10	34
V702960		0.58	<10	<10	160	<10	113
V702961		0.37	<10	<10	1	<10	29
V702962		0.36	<10	<10	7	<10	33
V702963		0.39	<10	<10	<1	<10	35
V702964		0.44	<10	<10	<1	<10	45
V702965		0.37	<10	<10	<1	<10	39
V702966		0.37	<10	<10	<1	<10	32
V702967		0.40	<10	<10	<1	<10	27
V702968		0.30	<10	<10	<1	<10	35
V702969		0.33	<10	<10	<1	<10	48
V702970		0.43	<10	<10	<1	<10	44
V702971		0.40	<10	<10	14	<10	72
V702972		0.35	<10	<10	<1	<10	34
V702973		0.35	<10	<10	1	<10	26
V703019		0.50	<10	<10	<1	<10	39
V703020		0.35	<10	<10	133	30	267
V703021		0.19	<10	<10	20	<10	19
V703022		0.25	<10	<10	20	<10	20
V703023		0.26	<10	<10	36	<10	31
V703024		0.08	<10	<10	12	<10	12
V703025		0.31	<10	<10	29	<10	40
V703026		0.22	<10	<10	15	<10	19
V703027		<0.01	<10	<10	2	<10	3
V703028		0.45	<10	<10	30	<10	44

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703029		1.64	0.172		<0.5	6.13	<5	70	0.7	5	1.86	<0.5	13	8	101	9.10
V703030		1.52	0.120		<0.5	5.09	248	70	0.9	2	2.16	<0.5	5	15	34	5.56
V703031		1.16	0.012		<0.5	0.67	132	<10	<0.5	<2	0.18	<0.5	2	27	6	1.72
V703032		3.03	<0.005		<0.5	0.12	<5	<10	<0.5	<2	9.13	<0.5	<1	12	3	0.81
V703033		1.36	0.028		<0.5	2.71	2380	40	<0.5	<2	6.23	<0.5	3	5	2	1.74
V703034		2.34	0.050		<0.5	7.24	4060	100	1.0	3	2.59	<0.5	6	33	6	6.60
V703035		1.30	<0.005		<0.5	4.04	252	70	0.6	2	0.82	<0.5	3	38	4	2.10
V703036		1.66	<0.005		<0.5	8.94	39	720	2.4	<2	0.43	<0.5	10	77	22	5.15

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703029		20	0.13	20	0.82	1120	<1	3.25	1	1230	2	1.08	<5	23	77	<20
V703030		10	0.14	10	0.63	873	<1	2.88	2	710	<2	0.36	<5	14	73	<20
V703031		<10	0.01	<10	0.13	188	1	0.31	4	50	<2	0.04	<5	2	6	<20
V703032		<10	<0.01	<10	0.06	1105	<1	0.01	2	<10	2	0.01	<5	6	196	<20
V703033		10	0.12	<10	0.18	1145	<1	1.86	3	450	3	0.13	<5	8	95	<20
V703034		20	0.46	20	0.90	1115	<1	4.27	10	530	2	0.27	<5	19	111	<20
V703035		10	0.21	10	0.29	394	1	2.65	9	130	2	0.02	<5	5	42	<20
V703036		20	2.39	30	1.08	694	1	3.13	36	220	2	0.14	5	10	46	20

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CERTIFICAT D'ANALYSE VO17132969

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703029		0.60	<10	<10	19	<10	58
V703030		0.30	<10	<10	28	<10	40
V703031		0.02	<10	<10	15	<10	8
V703032		<0.01	<10	<10	4	<10	3
V703033		0.24	<10	<10	10	<10	10
V703034		0.34	<10	<10	46	<10	55
V703035		0.13	<10	<10	17	<10	15
V703036		0.32	<10	<10	74	<10	38

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 12- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17132969

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 6- AOUT- 2017
Compte: MIDEXP

CERTIFICAT VO17132971

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 192 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- JUIN- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702711		3.63	<0.005		<0.5	6.54	<5	40	<0.5	3	6.05	<0.5	61	2	58	13.15
V702712		0.94	<0.005		<0.5	6.85	<5	10	<0.5	<2	3.62	<0.5	75	1	43	17.45
V702713		3.67	<0.005		<0.5	6.44	<5	40	<0.5	<2	6.14	<0.5	62	1	67	13.10
V702714		3.57	<0.005		<0.5	6.73	12	20	<0.5	<2	7.10	<0.5	63	2	49	14.40
V702715		1.74	<0.005		<0.5	6.36	14	20	<0.5	3	6.04	<0.5	58	1	44	13.60
V702716		3.77	<0.005		<0.5	6.16	29	40	<0.5	<2	5.86	<0.5	63	1	69	13.15
V702717		3.52	<0.005		<0.5	6.28	32	<10	<0.5	<2	5.49	<0.5	64	1	59	13.20
V702718		2.24	<0.005		<0.5	5.85	27	<10	<0.5	<2	10.35	<0.5	44	1	42	11.65
V702719		2.35	<0.005		<0.5	6.12	35	10	<0.5	3	4.63	<0.5	52	1	33	12.70
V702720		1.32	<0.005		<0.5	7.77	<5	940	1.3	<2	2.56	<0.5	22	102	34	6.00
V702721		1.83	<0.005		<0.5	5.99	41	80	<0.5	<2	6.58	<0.5	56	1	67	12.05
V702722		3.60	<0.005		<0.5	6.10	25	140	<0.5	<2	5.89	<0.5	60	1	63	12.60
V702723		3.76	<0.005		<0.5	6.30	6	50	<0.5	<2	5.97	<0.5	67	1	63	13.30
V702724		1.54	<0.005		<0.5	5.94	12	40	<0.5	<2	6.44	<0.5	59	1	49	12.40
V702725		3.51	<0.005		<0.5	6.34	6	70	<0.5	<2	6.61	<0.5	63	1	58	13.35
V702726		3.54	<0.005		<0.5	6.24	6	30	<0.5	<2	7.02	<0.5	63	2	72	12.90
V702727		0.84	<0.005		<0.5	4.51	5	30	<0.5	<2	5.86	<0.5	42	4	4	10.60
V702728		3.88	<0.005		<0.5	6.26	6	30	<0.5	3	6.23	0.5	65	2	59	13.00
V702729		3.38	<0.005		<0.5	6.17	7	10	<0.5	<2	6.79	<0.5	71	2	94	13.65
V702730		4.03	<0.005		<0.5	6.29	<5	20	<0.5	<2	6.61	<0.5	69	2	95	13.65
V702731		3.48	<0.005		<0.5	6.48	5	10	<0.5	<2	6.57	<0.5	66	2	66	13.40
V702732		3.70	<0.005		<0.5	5.93	5	30	<0.5	<2	6.96	<0.5	70	2	83	12.50
V702733		1.70	<0.005		<0.5	6.18	8	10	<0.5	<2	5.64	<0.5	70	2	102	13.45
V702734		1.30	<0.005		<0.5	7.23	8	10	<0.5	<2	7.18	<0.5	69	2	38	14.85
V702735		2.20	<0.005		<0.5	6.31	6	10	<0.5	<2	5.95	<0.5	64	2	72	13.60
V702736		2.29	<0.005		<0.5	6.52	9	30	<0.5	<2	5.12	<0.5	70	2	89	13.25
V702737		3.88	<0.005		<0.5	6.75	5	50	<0.5	<2	6.36	<0.5	74	2	108	14.40
V702738		3.78	<0.005		<0.5	6.48	8	40	<0.5	<2	7.32	<0.5	68	2	74	13.85
V702739		2.73	<0.005		<0.5	6.46	<5	30	<0.5	<2	6.94	<0.5	74	2	114	13.75
V702740		0.11	3.90	4.10	0.6	6.93	37	600	0.8	<2	2.52	0.7	18	64	146	5.26
V702741		1.94	<0.005		<0.5	6.33	<5	40	<0.5	<2	6.78	<0.5	71	2	83	13.75
V702742		3.44	<0.005		<0.5	6.28	7	30	<0.5	<2	7.03	0.5	73	2	100	13.30
V702743		3.26	<0.005		0.6	6.19	6	40	<0.5	<2	7.27	<0.5	71	2	87	13.30
V702744		3.32	<0.005		<0.5	6.29	<5	40	<0.5	<2	6.41	<0.5	73	2	84	13.25
V702745		3.65	<0.005		<0.5	6.44	6	40	<0.5	<2	7.12	<0.5	72	2	96	13.65
V702746		3.75	<0.005		<0.5	6.12	5	30	<0.5	<2	6.91	0.5	73	2	98	13.35
V702747		2.56	<0.005		<0.5	6.44	<5	40	<0.5	<2	7.13	0.5	78	2	101	13.95
V702748		0.64	<0.005		<0.5	7.51	5	1050	1.3	<2	2.75	<0.5	17	93	7	5.21
V702749		1.54	0.015		<0.5	6.54	38	10	0.5	<2	5.24	<0.5	56	5	61	12.80
V702750		0.84	<0.005		<0.5	6.43	23	10	0.5	<2	5.04	<0.5	49	6	108	11.15

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702711		20	0.25	<10	2.68	1895	<1	1.65	2	260	<2	0.21	<5	55	111	<20
V702712		30	0.06	<10	3.84	2030	<1	0.75	2	280	2	0.14	<5	53	36	<20
V702713		20	0.25	<10	2.70	1975	<1	1.69	1	270	5	0.28	<5	55	116	<20
V702714		20	0.12	<10	3.29	2410	<1	1.25	16	190	6	0.20	<5	51	68	<20
V702715		20	0.06	<10	3.28	2230	<1	1.17	11	210	<2	0.16	<5	52	52	<20
V702716		20	0.16	<10	3.05	2120	<1	1.73	4	210	4	0.29	<5	54	76	<20
V702717		20	0.01	<10	3.05	1790	<1	1.04	6	200	<2	0.39	5	54	30	<20
V702718		20	0.02	<10	2.59	1895	<1	1.14	<1	230	2	0.23	<5	52	41	<20
V702719		20	0.03	<10	2.95	1695	<1	1.08	1	240	6	0.16	<5	53	32	<20
V702720		20	1.85	30	2.00	708	1	2.18	58	930	14	0.10	<5	22	433	<20
V702721		20	0.11	<10	2.71	1825	<1	1.37	2	240	<2	0.18	<5	51	52	<20
V702722		20	0.28	<10	2.63	1870	<1	1.80	1	240	<2	0.28	<5	52	96	<20
V702723		20	0.26	<10	2.75	1830	<1	1.56	2	240	3	0.29	<5	55	96	<20
V702724		20	0.20	<10	2.59	1810	<1	1.55	1	200	2	0.24	<5	52	40	<20
V702725		20	0.31	<10	2.76	1935	<1	1.63	2	230	4	0.24	<5	54	99	<20
V702726		20	0.19	<10	2.80	1700	<1	1.42	7	210	5	0.22	<5	53	127	<20
V702727		10	0.17	<10	2.24	1555	<1	0.61	4	150	<2	0.01	<5	37	94	<20
V702728		20	0.19	<10	2.96	1890	<1	1.53	4	230	3	0.22	<5	53	91	<20
V702729		20	0.11	<10	3.28	1880	<1	1.13	8	190	<2	0.26	<5	54	76	<20
V702730		20	0.13	<10	3.33	1900	<1	1.12	8	170	3	0.22	<5	54	91	<20
V702731		20	0.08	<10	3.30	1860	<1	1.39	7	190	2	0.23	<5	55	84	<20
V702732		20	0.18	<10	3.26	1795	<1	1.51	15	170	<2	0.26	<5	51	56	<20
V702733		20	0.05	<10	3.50	1825	<1	0.72	17	140	<2	0.27	<5	54	27	<20
V702734		20	0.04	<10	3.69	1945	<1	1.10	8	280	<2	0.14	<5	56	25	<20
V702735		20	0.05	<10	3.29	1870	<1	0.94	6	190	<2	0.25	<5	54	33	<20
V702736		20	0.24	<10	3.12	1730	<1	1.55	6	200	<2	0.37	<5	53	57	<20
V702737		20	0.20	<10	3.33	1910	<1	1.52	8	200	2	0.39	<5	57	96	<20
V702738		20	0.21	<10	3.45	1980	<1	1.51	10	180	6	0.25	<5	55	95	<20
V702739		20	0.20	<10	3.36	1870	<1	1.46	11	190	3	0.32	<5	55	103	<20
V702740		20	1.11	10	1.52	866	7	2.25	43	760	46	0.14	<5	16	280	<20
V702741		20	0.20	<10	3.38	1950	<1	1.32	11	180	<2	0.26	<5	55	96	<20
V702742		20	0.18	<10	3.38	1815	<1	1.42	11	180	<2	0.30	<5	53	101	<20
V702743		20	0.20	<10	3.38	1905	<1	1.41	11	180	3	0.25	<5	53	94	<20
V702744		20	0.17	<10	3.51	1770	<1	1.52	11	190	2	0.27	<5	54	84	<20
V702745		20	0.18	<10	3.44	1795	<1	1.41	14	180	2	0.29	<5	56	115	<20
V702746		20	0.21	<10	3.34	1810	<1	1.35	15	180	3	0.31	<5	53	65	<20
V702747		20	0.30	<10	3.52	1835	<1	1.40	16	180	5	0.33	<5	56	94	<20
V702748		20	1.58	30	1.68	635	<1	2.41	36	930	14	0.02	<5	16	637	<20
V702749		20	0.03	<10	1.95	2030	<1	2.08	3	300	3	0.29	<5	49	95	<20
V702750		20	0.04	<10	1.63	1750	<1	2.55	2	280	8	0.51	<5	41	88	<20

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CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V702711		1.27	10	<10	605	<10	82
V702712		1.40	10	<10	682	<10	133
V702713		1.24	<10	<10	627	<10	78
V702714		1.16	<10	<10	721	<10	94
V702715		1.07	10	<10	742	<10	90
V702716		1.13	<10	<10	777	<10	77
V702717		1.17	<10	<10	785	<10	90
V702718		0.98	<10	<10	649	<10	80
V702719		1.20	<10	<10	603	<10	78
V702720		0.55	<10	<10	153	<10	114
V702721		1.13	<10	<10	591	<10	71
V702722		1.18	<10	<10	607	<10	69
V702723		1.18	10	<10	746	<10	96
V702724		1.10	<10	<10	698	<10	102
V702725		1.17	<10	<10	769	<10	105
V702726		1.11	<10	<10	820	<10	82
V702727		0.80	<10	<10	619	<10	73
V702728		1.09	10	<10	807	<10	98
V702729		1.06	<10	<10	909	<10	124
V702730		1.00	10	<10	896	<10	122
V702731		1.07	<10	<10	952	<10	129
V702732		0.91	<10	<10	906	<10	113
V702733		1.04	<10	<10	970	<10	115
V702734		1.60	<10	<10	1020	<10	126
V702735		1.12	<10	<10	913	<10	114
V702736		1.06	<10	<10	896	<10	99
V702737		1.17	10	<10	975	<10	102
V702738		1.08	<10	<10	981	<10	102
V702739		1.06	10	<10	959	<10	99
V702740		0.37	<10	<10	145	40	288
V702741		1.05	<10	<10	952	<10	109
V702742		0.99	<10	<10	903	<10	117
V702743		0.98	<10	<10	906	10	121
V702744		0.92	<10	<10	848	<10	122
V702745		1.05	10	<10	1025	<10	129
V702746		0.99	<10	<10	964	<10	137
V702747		1.01	<10	<10	1005	<10	137
V702748		0.53	<10	<10	130	<10	90
V702749		1.39	<10	<10	167	<10	100
V702750		1.27	<10	<10	141	<10	88

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702751		3.50	<0.005		<0.5	6.76	33	10	<0.5	<2	5.26	<0.5	54	5	48	11.75
V702752		3.54	<0.005		<0.5	7.50	36	20	0.5	<2	5.20	<0.5	55	5	52	12.85
V702753		2.11	<0.005		<0.5	6.35	37	30	<0.5	<2	5.81	<0.5	46	3	31	11.75
V702754		3.53	<0.005		<0.5	6.63	45	50	<0.5	<2	5.63	<0.5	49	5	33	11.70
V702755		2.92	<0.005		<0.5	7.07	49	80	<0.5	<2	5.02	<0.5	52	4	33	12.85
V702756		3.06	<0.005		<0.5	6.74	43	60	0.5	<2	5.60	<0.5	47	3	14	12.65
V702757		3.55	<0.005		<0.5	7.03	34	60	<0.5	<2	5.65	<0.5	45	4	47	12.50
V702758		3.54	<0.005		<0.5	6.66	28	110	<0.5	<2	6.09	<0.5	49	3	48	12.65
V702759		3.70	<0.005		<0.5	7.45	42	100	<0.5	<2	6.03	<0.5	50	4	59	12.80
V702760		0.75	<0.005		<0.5	7.71	5	800	1.8	<2	2.99	<0.5	23	117	28	6.31
V702761		3.50	<0.005		<0.5	6.52	32	60	0.5	<2	5.67	<0.5	38	4	45	11.90
V702762		3.49	<0.005		<0.5	6.58	41	90	<0.5	<2	5.88	<0.5	47	2	41	12.60
V702763		3.43	0.015		<0.5	6.27	280	80	<0.5	<2	6.11	<0.5	44	2	44	12.20
V702764		3.60	<0.005		<0.5	6.36	49	90	<0.5	<2	5.93	<0.5	46	2	51	12.05
V702765		3.62	<0.005		<0.5	7.53	60	70	0.5	<2	6.40	<0.5	55	5	58	13.15
V702766		3.49	<0.005		<0.5	6.88	38	50	0.5	<2	5.46	<0.5	42	5	42	12.10
V702767		3.74	0.005		<0.5	7.51	22	20	0.6	<2	6.16	<0.5	32	9	60	10.25
V702768		3.61	0.010		<0.5	7.34	29	20	0.5	<2	5.74	<0.5	46	8	61	12.10
V702769		3.04	<0.005		<0.5	6.98	28	30	0.6	<2	5.92	<0.5	47	4	41	13.05
V702770		3.80	<0.005		<0.5	6.95	18	20	0.6	<2	5.39	<0.5	47	2	36	13.00
V702771		3.78	<0.005		<0.5	6.52	18	60	0.5	<2	4.99	<0.5	45	1	43	12.55
V702772		3.75	<0.005		<0.5	6.68	15	1850	0.5	<2	5.50	<0.5	46	2	40	13.35
V702773		3.59	<0.005		<0.5	6.64	19	50	0.5	<2	5.62	<0.5	46	1	42	13.05
V702774		3.69	<0.005		<0.5	6.69	26	50	0.5	<2	5.36	<0.5	44	1	41	12.85
V702775		3.66	<0.005		<0.5	6.68	25	40	0.5	<2	5.37	<0.5	45	1	34	12.75
V702776		1.48	<0.005		<0.5	6.78	28	30	0.5	<2	5.15	<0.5	48	2	42	13.10
V702777		3.46	<0.005		<0.5	6.77	24	70	0.5	<2	5.73	<0.5	45	2	54	13.20
V702778		3.34	<0.005		<0.5	7.10	34	50	0.6	<2	5.20	<0.5	50	2	41	13.25
V702779		3.63	<0.005		<0.5	6.43	29	90	0.5	<2	5.63	<0.5	45	2	36	12.90
V702780		0.11	3.94	4.00	0.9	7.11	36	600	0.8	<2	2.55	0.9	17	64	149	5.34
V702781		3.61	<0.005		<0.5	6.44	32	50	0.5	<2	5.46	<0.5	52	1	50	13.25
V702782		3.61	<0.005		<0.5	6.50	23	60	0.5	<2	5.62	<0.5	50	1	56	13.35
V702783		1.95	<0.005		<0.5	6.50	23	40	0.5	<2	5.74	<0.5	49	1	40	13.25
V702784		1.90	<0.005		<0.5	6.44	28	70	<0.5	<2	5.36	<0.5	53	1	67	13.10
V702785		2.30	<0.005		<0.5	6.54	20	80	<0.5	<2	6.01	<0.5	49	1	45	13.00
V702786		2.42	<0.005		<0.5	6.66	11	80	<0.5	<2	5.61	<0.5	46	1	60	13.05
V702787		3.58	<0.005		<0.5	6.48	16	90	<0.5	<2	5.10	<0.5	41	2	39	12.80
V702788		3.37	0.012		<0.5	6.11	23	90	<0.5	<2	4.53	<0.5	42	1	44	11.80
V702789		2.34	0.005		<0.5	6.83	32	100	<0.5	<2	5.74	<0.5	46	2	52	12.60
V702790		3.66	0.013		<0.5	6.87	26	80	0.5	<2	5.66	<0.5	44	4	52	13.10

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À: EXPLORATION MIDLAND INC
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Finalisée date: 6- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702751		20	0.04	<10	1.80	1950	<1	2.41	3	320	3	0.21	<5	46	94	<20
V702752		20	0.09	<10	1.99	2070	<1	2.51	2	330	6	0.32	<5	49	97	<20
V702753		20	0.08	<10	1.87	1935	<1	1.79	2	290	3	0.17	<5	46	87	<20
V702754		20	0.14	<10	1.72	1905	<1	1.99	2	310	2	0.19	<5	47	100	<20
V702755		20	0.21	<10	1.93	2090	<1	2.24	2	320	2	0.21	<5	53	88	<20
V702756		20	0.28	<10	2.06	2080	<1	1.62	2	320	<2	0.08	<5	53	143	<20
V702757		20	0.28	<10	1.92	1985	<1	1.99	3	320	3	0.20	<5	52	154	<20
V702758		20	0.31	<10	2.00	2100	<1	1.77	3	330	<2	0.25	<5	54	136	<20
V702759		20	0.33	<10	1.89	2120	<1	1.89	2	360	<2	0.28	<5	50	185	<20
V702760		20	1.60	30	2.11	739	<1	2.33	61	1110	15	0.07	<5	23	456	<20
V702761		20	0.19	<10	1.99	2190	<1	1.65	1	340	2	0.20	<5	49	139	<20
V702762		20	0.31	<10	1.96	2120	<1	1.54	1	340	4	0.19	<5	53	163	<20
V702763		20	0.32	<10	1.83	2000	<1	1.68	2	310	3	0.25	<5	51	136	<20
V702764		20	0.33	<10	1.76	2060	<1	1.72	1	350	2	0.16	<5	49	141	<20
V702765		20	0.32	<10	1.82	2220	<1	2.04	2	330	2	0.26	<5	48	166	<20
V702766		20	0.22	<10	1.89	2250	<1	1.76	1	350	4	0.19	<5	47	136	<20
V702767		20	0.07	<10	1.57	1780	<1	2.11	2	320	4	0.34	<5	37	125	<20
V702768		20	0.08	<10	1.99	2020	<1	2.03	<1	360	4	0.38	<5	43	123	<20
V702769		20	0.14	<10	2.25	2520	<1	1.45	1	360	<2	0.26	<5	52	143	<20
V702770		20	0.13	<10	2.34	2600	<1	1.90	3	390	<2	0.24	<5	55	100	<20
V702771		20	0.16	<10	2.17	2500	<1	1.59	<1	370	2	0.18	<5	52	111	<20
V702772		20	0.21	<10	2.22	2430	<1	1.44	<1	390	3	0.22	<5	53	122	<20
V702773		20	0.26	<10	2.05	2340	<1	1.58	1	390	2	0.20	<5	54	140	<20
V702774		20	0.23	<10	2.04	2240	<1	1.64	1	400	<2	0.15	<5	53	139	<20
V702775		20	0.18	<10	2.07	2240	<1	1.53	2	390	<2	0.16	<5	52	134	<20
V702776		20	0.14	<10	2.42	2200	<1	1.78	<1	420	<2	0.16	<5	53	99	<20
V702777		20	0.33	<10	1.89	2340	<1	1.65	1	400	<2	0.26	<5	52	151	<20
V702778		20	0.18	<10	2.22	2240	<1	1.84	3	420	<2	0.17	<5	53	107	<20
V702779		20	0.38	<10	1.81	2290	<1	1.77	<1	410	<2	0.18	<5	52	156	<20
V702780		20	1.12	10	1.55	879	7	2.26	42	770	47	0.14	6	16	285	<20
V702781		20	0.27	<10	2.05	2140	<1	1.58	<1	400	<2	0.21	<5	53	140	<20
V702782		20	0.32	<10	2.00	2210	<1	1.61	<1	390	<2	0.22	<5	54	143	<20
V702783		20	0.21	<10	2.15	2300	<1	1.49	1	400	<2	0.21	<5	53	125	<20
V702784		20	0.32	<10	1.93	2180	<1	1.74	1	390	<2	0.26	<5	53	125	<20
V702785		20	0.39	<10	1.77	2120	<1	1.85	1	400	3	0.17	<5	53	129	<20
V702786		20	0.38	<10	1.76	2130	<1	1.93	1	400	<2	0.22	<5	53	139	<20
V702787		20	0.41	<10	1.76	2170	<1	2.01	1	420	3	0.14	<5	52	127	<20
V702788		20	0.38	<10	1.64	2010	<1	2.17	1	410	2	0.16	<5	48	115	<20
V702789		20	0.43	<10	1.57	2210	<1	2.03	1	410	2	0.15	<5	46	156	<20
V702790		20	0.32	<10	1.82	2320	<1	1.76	<1	370	5	0.21	<5	49	137	<20

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Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V702751		1.31	10	<10	139	<10	109
V702752		1.45	<10	<10	161	<10	127
V702753		1.23	<10	<10	128	<10	106
V702754		1.37	10	<10	133	<10	92
V702755		1.55	10	<10	143	<10	89
V702756		1.48	<10	<10	134	<10	74
V702757		1.53	<10	<10	134	<10	58
V702758		1.48	10	<10	133	<10	55
V702759		1.58	<10	<10	132	<10	56
V702760		0.62	<10	<10	174	<10	115
V702761		1.47	<10	<10	121	<10	57
V702762		1.53	10	<10	119	<10	62
V702763		1.43	<10	<10	119	<10	65
V702764		1.37	10	<10	102	<10	73
V702765		1.74	<10	<10	128	<10	75
V702766		1.54	10	<10	111	<10	62
V702767		1.44	<10	<10	103	<10	52
V702768		1.56	<10	<10	107	<10	74
V702769		1.61	<10	<10	105	<10	71
V702770		1.52	<10	<10	93	<10	63
V702771		1.37	<10	<10	78	<10	68
V702772		1.47	<10	<10	84	<10	80
V702773		1.49	10	<10	80	<10	74
V702774		1.39	<10	<10	74	<10	69
V702775		1.37	10	<10	74	<10	66
V702776		1.44	10	<10	74	<10	80
V702777		1.54	<10	<10	78	<10	72
V702778		1.51	<10	<10	78	<10	77
V702779		1.38	<10	<10	65	<10	74
V702780		0.38	<10	<10	146	40	292
V702781		1.41	<10	<10	64	<10	74
V702782		1.44	10	<10	64	<10	72
V702783		1.47	<10	<10	78	<10	69
V702784		1.45	<10	<10	76	<10	63
V702785		1.46	<10	<10	66	<10	66
V702786		1.46	<10	<10	67	<10	71
V702787		1.45	<10	<10	64	<10	73
V702788		1.24	<10	<10	56	<10	71
V702789		1.51	10	<10	68	<10	70
V702790		1.54	10	<10	73	<10	79

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CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702791		3.83	<0.005		<0.5	6.80	15	50	0.6	<2	5.22	<0.5	43	4	54	12.90
V702792		3.73	<0.005		<0.5	7.25	9	10	0.6	<2	4.76	0.6	38	8	52	11.85
V702793		3.64	0.012		<0.5	8.19	19	30	0.6	<2	5.47	<0.5	39	7	45	11.25
V702794		3.67	<0.005		<0.5	7.49	23	40	0.6	<2	5.78	<0.5	45	3	33	12.10
V702795		3.76	<0.005		<0.5	7.46	13	30	0.7	<2	5.76	<0.5	37	6	48	12.20
V702796		3.60	<0.005		<0.5	7.46	11	10	0.7	<2	4.89	<0.5	36	4	15	12.25
V702797		3.41	<0.005		<0.5	6.03	10	10	<0.5	<2	5.20	<0.5	33	1	30	11.05
V702798		3.65	<0.005		<0.5	6.20	10	20	0.6	<2	5.20	<0.5	25	1	4	9.86
V702799		3.09	<0.005		<0.5	6.93	17	10	0.7	3	5.48	<0.5	31	1	8	11.60
V702800		0.79	<0.005		<0.5	7.77	<5	930	1.4	<2	2.57	<0.5	20	104	19	5.54
V702801		3.06	<0.005		<0.5	6.50	25	30	0.6	<2	5.36	<0.5	39	1	43	12.65
V702802		3.70	<0.005		<0.5	6.60	26	20	0.7	4	5.12	<0.5	36	2	16	11.60
V702803		3.58	<0.005		<0.5	6.61	25	20	0.7	2	5.10	<0.5	33	1	35	12.00
V702813		2.11	<0.005		<0.5	6.44	59	50	<0.5	<2	4.31	<0.5	56	2	40	12.45
V702814		2.18	0.007		<0.5	6.47	43	60	0.6	<2	5.12	<0.5	44	5	54	12.40
V702815		2.24	0.005		<0.5	6.36	52	80	0.5	<2	5.42	<0.5	47	6	55	12.10
V702816		3.19	<0.005		<0.5	6.56	40	100	<0.5	2	4.56	<0.5	43	3	51	12.80
V702817		2.34	0.005		<0.5	6.39	42	90	<0.5	2	4.80	<0.5	38	4	57	12.40
V702818		2.00	<0.005		<0.5	6.30	43	40	<0.5	2	4.94	<0.5	44	3	67	12.60
V702819		0.81	0.018		<0.5	7.22	953	10	<0.5	<2	5.74	<0.5	52	3	75	11.70
V702820		0.11	4.03	4.00	0.6	7.11	36	610	0.8	3	2.51	0.7	19	65	151	5.44
V702821		1.99	<0.005		<0.5	6.37	38	20	<0.5	2	5.06	<0.5	40	2	53	12.25
V702822		3.51	<0.005		<0.5	6.32	41	70	0.5	<2	4.85	<0.5	45	1	62	12.70
V702823		3.69	<0.005		<0.5	6.54	31	40	0.5	2	4.70	<0.5	49	1	52	12.80
V702824		3.52	<0.005		<0.5	6.41	22	60	<0.5	<2	5.41	<0.5	39	1	42	12.20
V702825		3.64	<0.005		<0.5	6.28	13	50	0.5	2	4.77	<0.5	41	1	42	12.45
V702826		3.62	<0.005		<0.5	6.63	9	30	0.5	<2	4.86	0.5	39	2	37	13.00
V702827		3.56	<0.005		<0.5	6.80	6	30	0.5	<2	5.18	<0.5	42	2	60	12.65
V702828		3.57	<0.005		<0.5	6.78	9	20	0.5	<2	4.57	<0.5	41	3	45	12.70
V702829		3.64	<0.005		<0.5	7.07	8	30	0.5	<2	5.36	<0.5	48	7	68	13.05
V702830		2.78	<0.005		<0.5	6.65	16	10	0.6	<2	5.01	0.5	44	2	52	13.30
V702831		3.64	<0.005		<0.5	6.39	16	30	0.6	<2	4.76	<0.5	45	3	52	13.10
V702832		3.33	<0.005		<0.5	5.90	20	40	<0.5	<2	5.50	<0.5	39	1	41	12.15
V702833		3.59	<0.005		<0.5	6.19	34	60	0.5	<2	4.48	<0.5	40	1	37	12.60
V702834		3.55	<0.005		<0.5	6.08	18	40	0.5	<2	4.57	<0.5	47	3	8	13.50
V702835		1.75	0.007		<0.5	5.79	34	90	0.6	<2	4.02	<0.5	62	3	56	15.95
V702836		1.94	<0.005		<0.5	5.86	11	170	0.5	<2	3.11	<0.5	71	4	19	18.05
V702837		1.18	<0.005		<0.5	5.66	10	190	<0.5	<2	3.59	<0.5	71	5	33	18.50
V702838		2.13	<0.005		<0.5	5.66	7	150	<0.5	4	2.53	<0.5	77	4	30	19.30
V702839		3.01	0.007		<0.5	6.10	25	140	<0.5	<2	3.29	<0.5	64	3	23	17.55

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132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 6- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702791		20	0.17	<10	2.07	2370	<1	1.84	3	390	2	0.22	<5	49	116	<20
V702792		20	0.05	<10	2.02	2380	<1	2.39	3	400	12	0.21	<5	45	76	<20
V702793		20	0.10	<10	1.29	2000	<1	2.04	3	390	5	0.22	<5	35	219	<20
V702794		20	0.16	<10	1.51	2340	<1	1.64	4	400	4	0.15	<5	43	214	<20
V702795		20	0.11	<10	1.77	2400	<1	1.69	1	390	4	0.23	<5	44	202	<20
V702796		20	0.03	<10	2.58	2790	<1	2.49	2	280	6	0.05	<5	50	61	<20
V702797		20	0.04	<10	1.88	2180	<1	1.93	1	420	2	0.16	<5	49	66	<20
V702798		20	0.06	<10	1.86	2000	<1	2.75	3	250	<2	<0.01	<5	48	94	<20
V702799		20	0.04	<10	2.43	2410	<1	2.44	2	340	4	0.02	<5	54	99	<20
V702800		20	1.85	20	1.95	555	<1	2.30	52	1050	16	0.04	<5	19	463	<20
V702801		20	0.15	<10	1.96	2600	<1	1.14	<1	510	3	0.21	<5	53	170	<20
V702802		20	0.08	<10	2.17	2580	<1	2.08	<1	370	5	0.07	<5	54	119	<20
V702803		20	0.08	<10	2.14	2330	<1	2.00	2	510	<2	0.17	<5	53	141	<20
V702813		20	0.15	<10	1.77	2120	<1	2.35	<1	360	<2	0.19	<5	48	52	<20
V702814		20	0.19	<10	1.74	1990	<1	2.05	<1	420	<2	0.19	<5	50	151	<20
V702815		20	0.26	<10	1.59	1975	<1	2.03	<1	410	<2	0.13	<5	47	95	<20
V702816		20	0.36	<10	1.62	2060	<1	2.47	<1	400	<2	0.11	<5	50	98	<20
V702817		20	0.27	<10	1.61	2020	<1	2.77	<1	380	<2	0.15	<5	49	65	<20
V702818		20	0.12	<10	1.81	2020	<1	2.14	<1	370	<2	0.19	<5	50	46	<20
V702819		20	0.02	<10	2.03	2140	<1	2.84	2	370	263	0.36	<5	39	39	<20
V702820		10	1.12	10	1.54	892	7	2.25	41	790	47	0.14	<5	16	285	<20
V702821		20	0.05	<10	2.24	2140	<1	1.89	<1	480	49	0.21	<5	52	40	<20
V702822		20	0.27	<10	1.91	2100	<1	2.40	1	420	<2	0.24	<5	52	104	<20
V702823		20	0.18	<10	2.06	2020	<1	2.16	<1	440	<2	0.20	<5	52	130	<20
V702824		20	0.25	<10	1.76	2130	<1	2.07	<1	390	<2	0.12	<5	49	128	<20
V702825		20	0.18	<10	1.92	2200	<1	1.84	<1	400	2	0.18	<5	51	136	<20
V702826		20	0.14	<10	2.10	2380	<1	1.87	<1	430	2	0.17	<5	52	153	<20
V702827		20	0.12	<10	2.00	2240	<1	1.80	<1	430	3	0.28	<5	49	165	<20
V702828		20	0.07	<10	2.16	2400	<1	2.06	<1	420	<2	0.23	<5	50	128	<20
V702829		20	0.14	<10	1.61	2210	<1	1.90	2	380	<2	0.29	<5	45	155	<20
V702830		20	0.06	<10	2.26	2300	<1	1.66	<1	440	<2	0.22	<5	54	115	<20
V702831		20	0.13	<10	1.91	2330	<1	1.68	<1	450	<2	0.22	<5	53	125	<20
V702832		20	0.21	<10	1.61	2230	<1	1.80	<1	430	<2	0.12	<5	49	83	<20
V702833		20	0.29	<10	1.54	2190	<1	2.28	<1	450	<2	0.13	<5	51	77	<20
V702834		20	0.14	<10	2.12	2400	<1	1.16	1	390	<2	0.02	<5	43	120	<20
V702835		20	0.30	<10	2.70	3010	<1	0.84	4	360	2	0.13	<5	28	108	<20
V702836		20	0.54	<10	2.23	3460	<1	0.82	3	380	2	0.06	<5	19	137	<20
V702837		10	0.56	<10	2.16	3390	<1	0.71	2	360	2	0.16	<5	19	137	<20
V702838		20	0.57	<10	2.14	3420	<1	0.77	1	390	2	0.18	<5	18	117	<20
V702839		20	0.53	<10	1.85	3270	<1	1.05	2	390	<2	0.16	<5	17	126	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 6- AOUT- 2017
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CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V702791		1.56	<10	<10	67	<10	84
V702792		1.84	10	<10	38	<10	86
V702793		1.95	<10	<10	35	<10	59
V702794		1.98	10	<10	37	<10	64
V702795		1.89	<10	<10	35	<10	69
V702796		1.81	10	<10	36	<10	84
V702797		1.46	<10	<10	28	<10	48
V702798		1.40	<10	<10	35	<10	40
V702799		1.60	<10	<10	37	<10	69
V702800		0.55	<10	<10	152	<10	117
V702801		1.48	<10	<10	29	<10	79
V702802		1.57	<10	<10	28	<10	64
V702803		1.53	<10	<10	23	<10	57
V702813		1.38	<10	<10	85	<10	59
V702814		1.37	<10	<10	93	<10	50
V702815		1.36	<10	<10	89	<10	51
V702816		1.44	<10	<10	93	<10	54
V702817		1.47	<10	<10	90	<10	56
V702818		1.39	<10	<10	88	<10	70
V702819		1.52	<10	<10	91	<10	73
V702820		0.38	<10	<10	147	40	298
V702821		1.34	<10	<10	79	<10	77
V702822		1.33	<10	<10	72	<10	52
V702823		1.30	<10	<10	71	<10	54
V702824		1.33	<10	<10	80	<10	54
V702825		1.33	<10	<10	74	<10	58
V702826		1.36	<10	<10	76	<10	65
V702827		1.36	<10	<10	76	<10	61
V702828		1.44	<10	<10	75	<10	62
V702829		1.91	<10	<10	55	<10	53
V702830		1.55	<10	<10	43	<10	69
V702831		1.64	10	<10	47	<10	67
V702832		1.51	<10	<10	40	<10	67
V702833		1.48	10	<10	34	<10	58
V702834		1.03	<10	<10	11	<10	84
V702835		0.93	<10	<10	12	<10	89
V702836		0.93	<10	<10	3	<10	95
V702837		0.92	<10	<10	6	<10	96
V702838		0.91	<10	<10	4	<10	116
V702839		0.87	<10	<10	4	<10	116

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702840		0.72	<0.005		<0.5	7.06	<5	950	1.4	<2	2.47	<0.5	20	102	23	5.75
V702841		3.77	<0.005		<0.5	6.43	7	180	0.7	<2	4.58	<0.5	52	4	88	16.15
V702842		3.45	0.007		<0.5	6.43	7	110	0.6	<2	4.66	<0.5	47	5	79	16.40
V702843		1.49	<0.005		<0.5	6.53	<5	70	0.5	<2	4.60	1.0	47	4	55	16.25
V702844		3.72	<0.005		<0.5	6.55	<5	70	0.5	<2	4.57	<0.5	46	6	31	16.65
V702845		3.95	<0.005		<0.5	6.63	<5	50	0.6	<2	6.04	<0.5	38	5	33	13.55
V702846		3.73	<0.005		<0.5	6.41	<5	70	0.6	<2	5.93	<0.5	37	6	33	13.80
V702847		3.83	<0.005		<0.5	6.57	<5	60	0.6	<2	5.87	<0.5	37	3	28	14.00
V702848		3.79	<0.005		<0.5	6.73	<5	50	0.6	2	6.34	0.6	37	4	21	13.00
V702849		3.64	<0.005		<0.5	6.37	<5	80	0.6	<2	6.12	<0.5	36	5	29	14.90
V702850		2.61	<0.005		<0.5	6.47	<5	80	0.6	3	6.37	<0.5	36	4	22	14.65
V702851		3.88	0.005		<0.5	6.25	8	80	0.5	<2	5.95	0.6	36	3	22	14.40
V702852		3.55	<0.005		<0.5	5.62	<5	70	0.5	<2	4.86	<0.5	23	4	11	11.25
V702853		3.51	<0.005		<0.5	5.72	<5	70	0.5	<2	4.52	0.7	22	17	9	10.90
V702854		3.45	<0.005		<0.5	5.65	8	60	0.6	4	4.11	<0.5	39	6	39	9.89
V702855		3.59	<0.005		<0.5	5.73	<5	80	0.6	<2	4.79	0.6	24	6	9	11.15
V702856		3.50	0.008		<0.5	5.92	12	80	0.6	<2	4.21	<0.5	28	4	12	11.15
V702857		3.61	<0.005		<0.5	7.39	14	30	0.8	2	5.81	<0.5	27	2	23	12.20
V702858		3.69	<0.005		<0.5	7.46	6	30	0.5	<2	5.29	<0.5	27	3	34	10.10
V702859		3.47	<0.005		<0.5	5.90	7	50	0.6	2	4.13	<0.5	25	3	9	9.00
V702860		0.11	3.98	4.06	0.9	7.07	29	610	0.8	<2	2.51	1.0	19	64	149	5.25
V702861		3.44	<0.005		<0.5	6.01	<5	70	0.5	<2	4.67	<0.5	25	5	13	10.00
V702862		3.38	<0.005		<0.5	6.03	5	70	0.6	<2	4.52	<0.5	22	5	12	9.85
V702863		3.59	<0.005		<0.5	5.90	<5	70	0.6	<2	4.74	<0.5	25	5	19	10.20
V702864		3.59	<0.005		<0.5	6.09	11	70	0.6	<2	4.49	<0.5	23	5	13	10.20
V702865		3.78	<0.005		<0.5	5.63	5	80	0.6	<2	5.02	<0.5	23	7	15	11.20
V702866		3.61	<0.005		<0.5	5.54	<5	130	0.6	<2	5.63	<0.5	22	4	3	11.05
V702867		2.85	<0.005		<0.5	4.88	7	120	0.5	<2	5.51	<0.5	29	3	8	14.85
V702868		0.74	<0.005		<0.5	7.59	<5	1180	1.0	<2	2.39	<0.5	22	101	26	6.07
V702869		2.78	0.011		0.5	7.22	69	90	<0.5	<2	7.03	0.7	49	24	1095	6.86
V702870		2.19	<0.005		<0.5	3.65	27	70	<0.5	<2	8.56	<0.5	18	17	67	3.75
V702871		3.70	<0.005		<0.5	7.39	41	40	<0.5	<2	7.89	<0.5	42	22	93	6.38
V702872		2.23	<0.005		<0.5	7.15	57	250	0.7	<2	7.47	<0.5	41	26	35	5.69
V702873		1.99	<0.005		<0.5	5.89	37	190	0.7	2	7.44	<0.5	34	24	18	5.36
V702874		1.85	<0.005		<0.5	6.10	61	200	0.8	<2	6.85	<0.5	49	35	216	6.27
V702875		2.34	0.005		<0.5	6.87	91	130	0.6	<2	5.28	0.6	77	37	616	8.59
V702876		2.67	<0.005		<0.5	6.53	73	100	0.5	<2	6.95	<0.5	37	17	121	6.24
V702877		3.08	<0.005		<0.5	7.38	33	160	0.9	<2	6.31	<0.5	38	24	21	5.69
V702878		3.33	0.008		<0.5	6.53	102	140	0.7	<2	7.19	0.5	51	25	318	5.65
V702879		3.38	<0.005		<0.5	7.35	102	80	0.5	<2	7.83	<0.5	52	16	152	7.19

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V702840		20	1.74	30	1.85	688	<1	2.17	54	960	13	0.06	<5	20	439	<20
V702841		20	0.46	10	1.48	3040	<1	1.00	<1	3830	7	0.57	<5	20	159	<20
V702842		20	0.59	10	1.27	3430	<1	1.18	<1	3840	5	0.56	<5	21	158	<20
V702843		20	0.62	10	1.21	3360	<1	1.22	<1	3750	10	0.34	<5	22	159	<20
V702844		20	0.63	10	1.21	3230	<1	1.17	1	3970	9	0.22	<5	22	152	<20
V702845		20	0.45	10	1.15	2440	<1	1.37	1	3330	7	0.30	<5	35	164	<20
V702846		20	0.58	10	0.89	2630	<1	1.19	<1	3420	9	0.29	<5	36	193	<20
V702847		20	0.49	10	1.34	2740	<1	1.40	1	3200	13	0.20	<5	41	161	<20
V702848		20	0.40	10	1.20	2350	<1	1.43	2	3310	9	0.15	<5	41	165	<20
V702849		20	0.68	10	0.86	2830	<1	0.99	<1	2990	5	0.18	<5	43	189	<20
V702850		20	0.67	10	0.88	2730	<1	1.11	1	3130	7	0.13	<5	42	186	<20
V702851		20	0.66	10	0.84	2700	<1	0.96	<1	2870	8	0.14	<5	45	197	<20
V702852		20	0.51	10	0.33	2050	<1	1.24	<1	1640	2	0.17	<5	40	171	<20
V702853		20	0.49	10	0.32	2100	<1	1.62	<1	1680	7	0.14	<5	38	170	<20
V702854		20	0.40	<10	0.25	1740	<1	1.96	<1	1370	4	0.49	<5	33	139	<20
V702855		20	0.50	10	0.32	2140	<1	1.46	<1	1850	7	0.13	<5	38	178	<20
V702856		20	0.49	10	0.42	2020	<1	2.07	<1	1910	2	0.19	<5	36	121	<20
V702857		30	0.19	10	1.22	2360	<1	1.69	2	2610	7	0.27	<5	51	120	<20
V702858		30	0.15	10	1.20	1820	<1	2.35	4	2520	9	0.37	<5	45	108	<20
V702859		20	0.30	10	0.80	1740	<1	2.27	4	1730	3	0.15	<5	35	97	<20
V702860		10	1.10	10	1.53	876	7	2.23	43	780	49	0.14	7	16	279	<20
V702861		20	0.44	10	0.32	1865	<1	1.93	1	1780	4	0.20	<5	36	141	<20
V702862		20	0.42	10	0.28	1870	<1	1.93	2	1800	4	0.20	<5	39	147	<20
V702863		20	0.42	10	0.30	1940	<1	1.88	1	1820	4	0.29	<5	39	134	<20
V702864		20	0.44	10	0.29	1965	<1	2.07	<1	1830	4	0.18	<5	39	121	<20
V702865		20	0.48	10	0.36	2240	<1	1.48	<1	1780	4	0.23	<5	39	129	<20
V702866		20	0.52	10	0.47	2390	<1	1.00	<1	1700	6	0.04	<5	46	164	<20
V702867		10	0.76	10	0.50	3230	<1	0.52	<1	2120	6	0.10	<5	53	185	<20
V702868		20	1.85	30	1.93	744	1	2.03	52	1060	15	0.07	<5	22	447	<20
V702869		20	0.31	<10	4.69	1190	<1	1.39	251	180	3	0.37	<5	37	125	<20
V702870		10	0.27	<10	2.54	889	<1	0.60	48	110	2	0.01	<5	21	42	<20
V702871		10	0.17	<10	4.56	1230	<1	1.45	74	150	4	0.05	<5	30	137	<20
V702872		10	0.79	<10	4.29	1160	<1	1.80	32	110	<2	<0.01	<5	32	99	<20
V702873		10	0.58	<10	3.94	1075	<1	1.10	36	100	4	<0.01	<5	28	69	<20
V702874		10	0.61	<10	4.31	1155	<1	1.12	72	110	18	0.14	<5	29	86	<20
V702875		20	0.33	<10	4.59	1170	<1	1.80	309	350	6	0.82	<5	35	78	<20
V702876		10	0.32	<10	3.96	1120	<1	1.73	89	220	2	0.04	<5	35	103	<20
V702877		10	0.46	<10	4.31	1060	<1	2.24	30	110	2	<0.01	<5	33	101	<20
V702878		10	0.45	<10	3.56	1050	<1	1.91	136	120	2	0.13	<5	27	111	<20
V702879		20	0.21	<10	4.65	1310	<1	2.03	136	200	3	0.06	<5	38	168	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 6- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V702840		0.54	<10	<10	149	<10	107
V702841		1.04	<10	<10	3	<10	187
V702842		1.03	<10	<10	2	<10	177
V702843		1.05	<10	<10	2	<10	114
V702844		1.07	<10	<10	3	<10	64
V702845		1.02	<10	<10	6	<10	53
V702846		1.08	<10	<10	7	<10	60
V702847		1.09	<10	<10	7	<10	97
V702848		1.10	<10	<10	6	<10	73
V702849		1.02	<10	<10	6	<10	64
V702850		1.08	<10	<10	5	<10	62
V702851		0.99	<10	<10	5	<10	61
V702852		0.69	<10	<10	2	<10	50
V702853		0.70	<10	<10	1	<10	51
V702854		0.60	<10	<10	1	<10	45
V702855		0.72	<10	<10	1	<10	55
V702856		0.73	<10	<10	2	<10	60
V702857		0.96	<10	<10	4	<10	112
V702858		0.92	<10	<10	3	<10	98
V702859		0.69	<10	<10	2	<10	51
V702860		0.37	<10	<10	146	40	290
V702861		0.70	<10	<10	2	<10	49
V702862		0.69	<10	<10	2	<10	48
V702863		0.67	<10	<10	1	<10	50
V702864		0.72	<10	<10	1	<10	53
V702865		0.69	<10	<10	2	<10	55
V702866		0.74	<10	<10	2	<10	59
V702867		0.76	<10	<10	1	<10	65
V702868		0.53	<10	<10	146	<10	101
V702869		0.30	<10	<10	219	<10	51
V702870		0.13	<10	<10	113	<10	35
V702871		0.25	<10	<10	192	<10	62
V702872		0.20	<10	<10	158	<10	47
V702873		0.19	<10	<10	156	<10	50
V702874		0.19	<10	<10	147	<10	52
V702875		0.38	<10	<10	218	<10	56
V702876		0.34	<10	<10	223	<10	52
V702877		0.20	<10	<10	161	<10	52
V702878		0.21	10	<10	142	<10	50
V702879		0.29	<10	<10	227	<10	67

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CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V702880		0.64	<0.005		<0.5	7.30	<5	900	1.3	<2	2.36	<0.5	20	99	32	5.19
V702881		3.35	<0.005		<0.5	8.11	75	130	0.7	<2	7.24	<0.5	42	23	7	7.38
V702882		3.20	<0.005		<0.5	7.54	46	110	0.6	<2	9.20	<0.5	32	24	3	6.64
V702883		3.34	0.005		<0.5	7.66	80	170	0.7	<2	7.90	<0.5	38	22	278	6.13
V702884		3.35	<0.005		<0.5	6.85	118	180	0.5	<2	10.70	<0.5	43	17	348	5.71
V702885		3.44	<0.005		<0.5	8.16	52	180	0.7	<2	8.09	<0.5	44	22	30	6.56
V702886		3.62	<0.005		<0.5	7.90	41	180	0.5	<2	7.11	<0.5	34	15	27	6.16
V702887		2.69	<0.005		<0.5	7.08	55	50	<0.5	2	6.97	<0.5	77	21	322	8.70
V702888		3.86	<0.005		<0.5	7.65	36	100	<0.5	<2	8.82	<0.5	37	18	59	6.33
V702889		2.89	<0.005		<0.5	8.05	36	120	<0.5	<2	7.50	<0.5	39	16	54	6.75
V702890		2.29	0.005		<0.5	7.80	38	60	<0.5	<2	7.15	<0.5	58	19	762	7.83
V702891		3.58	<0.005		<0.5	7.56	16	50	<0.5	<2	7.79	<0.5	37	18	108	6.86
V702892		3.66	<0.005		<0.5	7.72	17	100	<0.5	<2	8.04	<0.5	29	18	8	5.79
V702893		3.58	<0.005		<0.5	8.29	31	190	<0.5	<2	7.89	<0.5	39	23	131	6.17
V702894		2.72	<0.005		<0.5	7.55	22	280	0.6	<2	9.15	<0.5	33	18	77	6.01
V702895		2.44	<0.005		<0.5	8.23	26	200	0.5	3	7.18	<0.5	45	16	197	7.02
V702896		2.49	0.005		<0.5	8.34	21	80	<0.5	<2	8.23	<0.5	42	15	100	6.71
V702897		3.77	<0.005		<0.5	8.65	5	70	<0.5	<2	8.06	0.5	38	15	118	6.20
V702898		3.94	<0.005		<0.5	8.39	8	10	<0.5	<2	8.82	<0.5	45	17	121	6.69
V702899		3.71	<0.005		<0.5	8.04	42	70	<0.5	<2	7.82	<0.5	41	18	95	6.39
V702900		0.11	4.07	3.99	0.8	7.19	32	610	0.8	<2	2.52	0.9	19	64	151	5.28
V702901		1.22	<0.005		<0.5	8.39	31	150	<0.5	<2	6.19	<0.5	43	21	96	6.73
V702902		1.09	<0.005		<0.5	7.98	35	90	<0.5	<2	6.91	<0.5	43	22	99	6.43
V702903		1.98	<0.005		<0.5	8.06	36	280	0.6	<2	6.78	<0.5	42	18	183	6.41
V702904		2.77	<0.005		<0.5	8.21	44	250	0.7	<2	5.52	<0.5	40	18	169	6.81
V702905		1.96	0.006		<0.5	8.09	31	190	0.6	2	7.23	<0.5	44	17	198	6.41
V702906		2.36	<0.005		<0.5	8.15	38	160	0.5	<2	5.70	<0.5	41	17	172	6.50
V702907		2.96	<0.005		<0.5	7.98	32	140	0.5	<2	7.34	<0.5	42	15	156	6.85
V702908		2.66	0.005		<0.5	7.70	53	230	0.7	<2	7.76	<0.5	42	14	256	6.87
V702909		2.20	<0.005		<0.5	7.23	57	200	0.5	<2	8.41	<0.5	39	14	179	6.39
V702910		1.34	<0.005		<0.5	7.49	54	130	<0.5	<2	8.71	0.5	40	15	51	6.99
V702911		3.31	<0.005		<0.5	7.83	53	190	0.6	4	7.28	<0.5	41	13	201	6.45

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V702880		20	1.97	30	1.90	498	<1	2.01	50	860	19	0.07	<5	16	405	<20
V702881		20	0.44	<10	5.20	1330	<1	2.14	112	200	4	<0.01	<5	33	141	<20
V702882		20	0.35	<10	4.93	1375	<1	2.03	97	210	3	<0.01	<5	38	179	<20
V702883		20	0.44	<10	4.53	1205	<1	2.27	121	130	3	0.03	<5	37	149	<20
V702884		10	0.62	<10	4.42	1355	<1	1.59	186	180	22	0.07	<5	36	126	<20
V702885		20	0.56	<10	4.94	1255	<1	2.24	82	130	<2	<0.01	<5	38	146	<20
V702886		20	0.70	<10	4.22	994	<1	2.31	72	310	3	0.06	<5	38	221	<20
V702887		10	0.21	<10	5.08	1160	<1	2.10	285	250	<2	0.66	<5	45	165	<20
V702888		20	0.49	<10	4.39	1045	<1	1.56	78	270	2	0.07	<5	38	200	<20
V702889		20	0.49	<10	4.61	1185	<1	1.64	71	250	<2	0.05	<5	39	200	<20
V702890		20	0.28	<10	4.79	1115	<1	1.33	175	280	<2	0.32	<5	39	169	<20
V702891		20	0.23	<10	4.56	1080	<1	1.91	71	280	<2	0.14	<5	44	132	<20
V702892		10	0.45	<10	4.12	1015	<1	1.51	75	250	<2	0.03	<5	37	110	<20
V702893		10	0.87	<10	4.69	1070	<1	1.28	72	130	<2	0.03	<5	33	149	<20
V702894		20	1.11	<10	4.40	1165	<1	1.52	72	120	<2	<0.01	<5	34	51	<20
V702895		20	0.70	<10	4.99	1260	<1	1.36	88	150	3	0.03	<5	39	128	<20
V702896		20	0.38	<10	5.02	1420	<1	1.34	83	120	2	0.03	<5	42	162	<20
V702897		20	0.33	<10	4.61	1260	<1	1.48	78	120	6	0.03	<5	39	131	<20
V702898		20	0.04	<10	4.81	1260	<1	1.13	83	140	4	0.04	<5	40	137	<20
V702899		10	0.27	<10	4.71	1280	<1	1.49	72	130	4	0.01	<5	37	206	<20
V702900		20	1.12	10	1.55	870	7	2.23	43	780	47	0.14	<5	16	280	<20
V702901		10	0.45	<10	4.95	1265	<1	2.75	77	150	2	0.01	<5	40	72	<20
V702902		20	0.27	<10	4.59	1295	<1	2.58	73	140	<2	0.01	<5	37	58	<20
V702903		10	0.90	<10	4.55	1160	<1	2.25	73	150	<2	0.02	<5	36	57	<20
V702904		20	0.80	<10	4.73	1165	<1	2.24	78	150	<2	0.02	<5	37	68	<20
V702905		10	0.65	<10	4.63	1115	<1	2.12	74	140	3	0.04	<5	38	149	<20
V702906		20	0.53	<10	4.59	1135	<1	2.53	73	130	<2	0.02	<5	36	67	<20
V702907		20	0.55	<10	4.85	1240	<1	1.88	80	140	2	0.07	<5	41	140	<20
V702908		10	0.85	<10	4.84	1270	<1	1.80	77	130	<2	0.06	<5	43	130	<20
V702909		10	0.65	<10	4.47	1325	<1	1.84	74	130	<2	0.02	<5	39	114	<20
V702910		20	0.46	<10	4.90	1425	<1	1.81	97	260	33	<0.01	<5	40	102	<20
V702911		10	0.66	<10	4.47	1220	<1	1.90	76	140	<2	0.03	<5	38	115	<20

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CERTIFICAT D'ANALYSE VO17132971

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V702880		0.52	<10	<10	140	<10	110
V702881		0.30	<10	<10	273	<10	77
V702882		0.34	<10	<10	250	<10	69
V702883		0.25	<10	<10	188	<10	58
V702884		0.25	<10	<10	191	<10	45
V702885		0.25	<10	<10	195	<10	58
V702886		0.35	<10	<10	220	<10	30
V702887		0.46	<10	<10	313	<10	34
V702888		0.36	<10	<10	233	<10	32
V702889		0.31	<10	<10	198	<10	36
V702890		0.36	<10	<10	229	<10	43
V702891		0.36	<10	<10	230	<10	34
V702892		0.31	<10	<10	207	<10	31
V702893		0.24	<10	<10	177	10	46
V702894		0.23	<10	<10	186	<10	54
V702895		0.28	<10	<10	218	<10	67
V702896		0.28	<10	<10	211	<10	79
V702897		0.27	<10	<10	195	<10	90
V702898		0.27	<10	<10	205	<10	55
V702899		0.27	<10	<10	188	<10	68
V702900		0.38	<10	<10	146	40	292
V702901		0.29	<10	<10	205	<10	78
V702902		0.27	<10	<10	198	<10	82
V702903		0.28	<10	<10	194	<10	63
V702904		0.28	<10	<10	212	<10	67
V702905		0.27	<10	<10	195	<10	52
V702906		0.27	<10	<10	194	<10	63
V702907		0.29	<10	<10	217	<10	67
V702908		0.27	<10	<10	208	<10	57
V702909		0.25	<10	<10	200	<10	58
V702910		0.28	<10	<10	292	<10	85
V702911		0.27	<10	<10	195	<10	65

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CERTIFICAT D'ANALYSE VO17132971

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
LOG- 24	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	ME- ICP61

ALS Canada Ltd.

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
25- AOUT- 2017
Compte: MIDEXP

CERTIFICAT VO17141706

Projet: Willbob Project

Ce rapport s'applique aux 122 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- JUIL- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

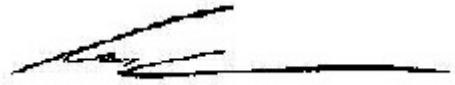
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703078		0.58	<0.005		<0.5	7.39	<5	830	1.2	2	2.55	<0.5	19	86	50	4.45
V703079		3.54	0.009		0.6	5.90	52	50	0.5	9	7.63	1.2	69	4	655	13.50
V703080		0.64	<0.005		<0.5	6.93	<5	750	1.5	2	2.86	0.5	18	109	30	5.21
V703081		2.42	0.009		0.7	5.51	69	10	<0.5	8	6.10	1.1	72	13	557	12.60
V703082		2.86	0.008		0.8	6.06	59	50	<0.5	<2	7.59	1.7	58	5	648	12.50
V703083		3.32	0.006		0.5	6.47	59	10	0.5	8	6.88	1.1	55	4	450	12.75
V703084		3.64	0.012		0.9	6.93	72	10	0.5	5	6.73	1.4	64	5	806	12.50
V703085		3.54	0.006		0.5	6.47	61	10	0.5	5	7.22	1.2	56	9	399	12.60
V703086		3.44	<0.005		0.6	6.13	65	20	<0.5	7	7.32	1.1	55	12	516	11.70
V703087		2.44	0.007		0.9	6.99	80	10	<0.5	5	6.98	1.1	66	15	734	12.60
V703088		2.34	0.007		0.7	4.03	41	70	<0.5	2	3.88	0.7	36	23	661	7.17
V703089		3.62	0.007		0.9	6.37	52	40	<0.5	4	6.90	1.4	66	6	727	13.65
V703090		3.76	0.006		0.7	6.46	45	120	0.5	5	7.27	1.1	73	5	656	14.65
V703091		3.44	<0.005		0.5	6.62	10	100	<0.5	<2	7.76	1.3	59	6	446	12.90
V703092		1.20	0.012		<0.5	6.43	10	70	<0.5	5	8.37	1.2	61	4	618	12.80
V703093		3.88	0.006		<0.5	6.75	6	110	<0.5	4	7.94	0.9	63	4	608	13.50
V703094		3.58	0.005		<0.5	7.20	43	20	<0.5	5	7.99	0.7	55	74	333	11.20
V703095		0.96	0.006		<0.5	7.04	29	10	<0.5	7	8.23	0.9	59	18	535	13.00
V703096		3.98	<0.005		<0.5	7.82	57	20	<0.5	<2	7.68	1.0	55	57	237	9.35
V703097		3.78	<0.005		<0.5	7.33	45	50	0.6	4	4.39	0.7	43	5	20	12.45
V703098		3.74	<0.005		<0.5	6.98	51	70	0.5	6	5.36	0.6	36	4	17	11.90
V703099		1.52	<0.005		<0.5	7.93	41	110	0.6	2	2.63	0.7	41	4	27	12.90
V703100		0.16	4.06	3.91	0.8	6.99	32	590	0.8	5	2.46	0.9	17	63	148	5.20
V703101		1.82	<0.005		<0.5	7.83	44	60	0.6	6	6.63	1.0	40	4	13	12.80
V703102		1.10	<0.005		<0.5	8.03	33	100	0.5	7	4.08	0.9	35	3	46	12.65
V703103		3.62	<0.005		<0.5	7.46	56	90	0.9	6	6.98	1.1	48	4	10	12.45
V703104		3.42	<0.005		<0.5	6.92	40	70	0.6	5	4.01	<0.5	37	7	14	11.85
V703105		2.14	<0.005		<0.5	7.29	36	60	0.8	8	8.80	1.0	34	3	6	11.60
V703106		3.56	<0.005		<0.5	7.10	37	120	0.7	7	5.45	0.7	35	5	12	12.25
V703107		2.82	<0.005		<0.5	7.20	37	130	0.9	6	4.53	<0.5	40	5	17	11.05
V703108		3.68	<0.005		<0.5	6.88	40	140	0.7	9	5.71	0.9	39	6	24	12.80
V703109		3.60	0.030		<0.5	6.61	190	220	0.7	6	4.75	0.7	38	4	31	12.70
V703110		1.72	<0.005		<0.5	7.05	40	280	0.7	<2	4.79	0.5	43	6	28	12.70
V703111		2.64	<0.005		<0.5	6.90	19	320	0.5	4	5.13	0.6	39	6	20	12.20
V703112		3.68	<0.005		<0.5	7.55	<5	310	0.6	<2	5.05	0.8	39	6	27	12.15
V703113		3.58	<0.005		<0.5	6.49	29	420	0.6	<2	4.66	0.6	41	3	24	12.20
V703114		3.60	<0.005		<0.5	6.28	34	420	0.6	6	4.53	0.7	41	3	15	12.65
V703115		2.32	<0.005		<0.5	6.15	29	240	0.7	2	4.59	0.5	34	3	6	12.35
V703116		3.70	0.108		<0.5	6.41	223	150	0.6	3	5.84	0.5	36	3	29	12.50
V703117		3.44	<0.005		<0.5	5.57	31	190	0.7	3	7.27	0.6	32	3	10	10.85

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Finalisée date:
25- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703078		20	1.61	30	1.50	445	2	2.43	51	710	12	0.13	<5	13	545	<20
V703079		20	0.03	<10	3.60	1715	1	0.21	103	140	<2	0.38	<5	49	146	<20
V703080		20	1.44	30	1.73	584	2	1.91	49	950	17	0.08	<5	18	401	<20
V703081		20	0.01	<10	3.64	1490	1	0.02	112	200	<2	0.26	<5	46	97	<20
V703082		20	0.02	<10	3.89	1660	1	0.46	93	130	<2	0.16	<5	48	135	<20
V703083		20	0.01	<10	4.05	1625	1	0.51	91	410	<2	0.06	<5	47	148	<20
V703084		20	0.02	<10	4.00	1550	<1	1.20	99	140	<2	0.15	<5	48	106	<20
V703085		20	0.02	<10	3.76	1515	1	0.85	96	180	<2	0.12	<5	48	123	<20
V703086		20	0.02	<10	3.50	1470	1	0.84	106	120	<2	0.09	<5	45	127	<20
V703087		20	0.02	<10	3.93	1575	1	1.24	133	120	<2	0.10	<5	48	93	<20
V703088		10	0.02	<10	2.24	913	2	0.79	58	70	<2	0.08	<5	27	47	<20
V703089		20	0.11	<10	3.65	1605	1	0.79	97	140	<2	0.22	<5	50	125	<20
V703090		20	0.36	<10	3.77	1685	1	1.13	99	130	<2	0.26	<5	52	190	<20
V703091		20	0.33	<10	3.59	1510	1	1.35	100	130	<2	0.14	<5	50	188	<20
V703092		20	0.24	<10	3.39	1515	<1	1.19	98	130	<2	0.14	<5	49	139	<20
V703093		20	0.72	<10	3.60	1430	1	0.98	104	130	2	0.16	7	51	237	<20
V703094		20	0.03	<10	3.73	1410	1	0.68	95	130	<2	0.16	<5	48	349	<20
V703095		20	0.02	<10	3.86	1545	<1	0.09	117	120	<2	0.80	<5	50	215	<20
V703096		20	0.07	<10	3.99	1455	1	0.89	70	140	<2	0.11	<5	45	215	<20
V703097		20	0.08	10	2.22	1855	1	2.43	6	400	<2	0.17	<5	38	119	<20
V703098		20	0.11	<10	1.97	1940	1	2.44	3	390	<2	0.14	<5	37	137	<20
V703099		20	0.16	<10	1.97	1985	1	3.08	5	500	<2	0.26	<5	38	107	<20
V703100		20	1.12	10	1.51	868	8	2.19	44	750	44	0.15	<5	16	271	<20
V703101		30	0.09	10	2.14	2260	2	2.85	4	470	<2	0.07	<5	43	141	<20
V703102		20	0.14	10	2.03	2040	1	3.24	3	460	<2	0.29	<5	37	131	<20
V703103		20	0.14	<10	2.09	2440	1	2.71	4	410	<2	0.07	<5	44	201	<20
V703104		20	0.14	<10	2.12	1750	1	2.19	5	390	<2	0.10	<5	35	112	<20
V703105		20	0.10	<10	2.06	2200	1	2.62	5	400	<2	0.02	<5	39	289	<20
V703106		20	0.17	<10	1.85	2100	1	2.59	3	410	<2	0.13	<5	34	135	<20
V703107		20	0.17	<10	1.54	1850	1	2.88	3	400	<2	0.16	<5	30	150	<20
V703108		20	0.19	<10	1.99	2150	1	2.28	6	390	<2	0.27	<5	36	138	<20
V703109		20	0.31	<10	2.01	2190	1	2.05	7	380	<2	0.17	<5	35	140	<20
V703110		20	0.41	<10	1.86	2050	1	1.97	5	390	<2	0.31	<5	34	246	<20
V703111		20	0.49	<10	1.77	1995	1	1.56	3	390	<2	0.18	<5	33	262	<20
V703112		20	0.50	<10	1.74	1915	1	2.09	<1	420	<2	0.18	<5	34	324	<20
V703113		20	0.56	<10	1.60	2100	<1	1.90	<1	530	<2	0.27	<5	40	307	<20
V703114		20	0.48	<10	1.83	2420	<1	2.05	<1	500	<2	0.15	<5	44	196	<20
V703115		20	0.27	<10	1.94	2340	<1	1.92	<1	510	<2	0.04	<5	45	128	<20
V703116		20	0.17	<10	1.86	2370	1	2.18	<1	530	<2	0.26	8	44	124	<20
V703117		20	0.22	<10	1.46	2190	<1	2.09	<1	490	<2	0.12	<5	37	142	<20

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Finalisée date:
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CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703078		0.44	<10	<10	121	<10	83
V703079		1.06	<10	<10	1325	<10	77
V703080		0.55	<10	<10	151	<10	100
V703081		0.90	<10	<10	1170	<10	79
V703082		0.98	<10	<10	1285	<10	82
V703083		1.00	10	<10	1260	<10	85
V703084		1.05	<10	<10	1150	<10	89
V703085		0.91	<10	<10	1200	<10	74
V703086		0.83	<10	<10	1140	<10	75
V703087		0.93	<10	<10	1300	<10	88
V703088		0.55	<10	<10	595	<10	51
V703089		1.04	<10	<10	1325	<10	84
V703090		1.08	<10	<10	1475	<10	88
V703091		0.99	<10	<10	1210	<10	80
V703092		1.00	<10	<10	1195	<10	85
V703093		1.05	<10	<10	1230	<10	81
V703094		0.79	<10	<10	848	<10	72
V703095		1.00	<10	<10	1125	<10	80
V703096		0.56	<10	<10	547	<10	68
V703097		1.15	<10	<10	221	<10	83
V703098		1.10	<10	<10	202	<10	83
V703099		1.51	<10	<10	225	10	84
V703100		0.38	<10	<10	142	40	288
V703101		1.57	<10	<10	234	<10	94
V703102		1.56	<10	<10	233	<10	88
V703103		1.42	<10	<10	232	<10	89
V703104		1.06	<10	<10	237	<10	74
V703105		1.07	<10	<10	199	<10	87
V703106		1.38	<10	<10	229	<10	106
V703107		1.27	<10	<10	171	<10	88
V703108		1.29	<10	<10	235	<10	92
V703109		1.25	<10	<10	254	<10	96
V703110		1.36	<10	<10	243	<10	89
V703111		1.31	<10	<10	234	<10	87
V703112		1.32	<10	<10	221	<10	121
V703113		1.58	<10	<10	100	<10	76
V703114		1.58	<10	<10	83	<10	81
V703115		1.33	<10	<10	73	<10	82
V703116		1.30	<10	<10	76	<10	82
V703117		1.06	<10	<10	53	<10	77

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CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703118		3.04	<0.005		<0.5	5.74	43	340	0.6	<2	8.27	0.9	46	2	26	14.40
V703119		1.66	<0.005		<0.5	5.52	35	440	0.5	6	6.88	0.8	44	2	16	15.10
V703120		1.06	<0.005		<0.5	8.37	<5	1250	1.3	2	3.15	0.5	24	112	39	6.27
V703121		3.58	<0.005		<0.5	6.78	29	560	0.7	4	3.51	0.7	39	1	7	17.15
V703122		3.52	<0.005		<0.5	6.59	29	450	0.6	5	3.74	0.6	39	1	7	15.30
V703123		3.28	0.008		<0.5	6.26	52	460	0.6	2	4.77	0.8	36	2	9	14.95
V703124		3.70	0.005		<0.5	6.35	16	370	0.7	<2	4.63	0.6	27	1	7	13.90
V703125		2.46	<0.005		<0.5	6.51	17	230	0.7	<2	5.48	<0.5	27	2	4	12.00
V703126		3.48	0.006		<0.5	7.08	14	200	0.8	<2	4.83	0.5	22	3	9	11.75
V703148		2.44	<0.005		<0.5	6.19	26	240	1.4	<2	4.85	<0.5	7	10	174	5.74
V703149		2.44	<0.005		<0.5	6.56	<5	80	1.0	<2	3.07	<0.5	8	8	59	7.43
V703150		2.46	<0.005		<0.5	6.13	<5	90	1.2	2	2.85	<0.5	7	7	56	7.06
V703151		2.06	<0.005		<0.5	6.31	<5	70	1.1	3	3.44	<0.5	13	12	14	6.59
V703152		2.18	<0.005		<0.5	6.52	<5	100	1.1	<2	3.41	<0.5	7	14	5	6.61
V703153		3.12	<0.005		<0.5	6.13	<5	200	1.1	<2	3.11	<0.5	6	9	8	7.67
V703154		2.86	<0.005		<0.5	6.01	<5	80	1.1	2	3.60	<0.5	9	15	11	5.89
V703155		3.24	<0.005		<0.5	6.20	<5	80	1.0	<2	3.16	<0.5	6	12	1	5.98
V703156		3.46	<0.005		<0.5	6.12	<5	80	1.2	<2	3.55	<0.5	9	10	1	6.76
V703157		3.52	<0.005		<0.5	5.94	<5	50	1.2	<2	2.93	<0.5	4	11	1	5.27
V703158		3.52	<0.005		<0.5	6.12	<5	30	1.2	<2	3.53	<0.5	6	17	6	5.11
V703159		2.30	<0.005		<0.5	6.23	<5	20	1.1	<2	3.72	<0.5	6	15	1	5.20
V703160		0.68	<0.005		<0.5	7.26	<5	910	1.3	<2	2.33	<0.5	19	100	20	5.18
V703161		1.42	<0.005		<0.5	6.58	43	30	0.8	<2	3.03	<0.5	12	9	13	6.82
V703162		1.16	0.322		<0.5	5.73	1290	50	1.3	3	6.12	<0.5	9	7	15	6.78
V703163		2.18	<0.005		<0.5	5.78	10	90	1.0	<2	3.09	<0.5	5	13	6	7.21
V703164		3.66	<0.005		<0.5	5.86	<5	90	1.0	<2	3.23	<0.5	9	12	7	6.88
V703165		3.68	<0.005		<0.5	5.97	<5	70	1.2	<2	3.23	0.5	5	11	5	5.50
V703166		3.56	<0.005		<0.5	5.88	5	70	1.0	3	3.23	<0.5	4	12	12	6.33
V703167		3.62	<0.005		<0.5	6.09	<5	90	1.0	3	3.66	<0.5	5	18	4	6.76
V703168		3.70	<0.005		<0.5	5.70	<5	90	1.0	<2	2.81	0.5	5	12	6	6.86
V703169		3.52	<0.005		<0.5	5.82	<5	100	1.1	<2	3.35	<0.5	6	14	3	7.61
V703170		3.56	<0.005		<0.5	5.95	<5	60	1.0	4	3.60	<0.5	5	16	2	6.01
V703171		3.00	<0.005		<0.5	6.12	<5	70	1.1	4	3.13	<0.5	8	18	12	7.28
V703172		2.12	0.071		<0.5	5.86	<5	40	1.1	<2	4.01	0.5	7	9	10	6.81
V703173		3.10	<0.005		<0.5	5.77	<5	30	0.9	<2	2.31	<0.5	7	14	8	5.87
V703174		2.36	<0.005		<0.5	5.77	<5	40	1.1	2	2.55	<0.5	4	14	3	5.27
V703175		2.38	<0.005		<0.5	6.06	<5	30	1.1	3	2.70	<0.5	4	19	6	4.93
V703176		2.88	<0.005		<0.5	6.17	<5	30	1.2	<2	2.77	<0.5	4	17	5	4.61
V703177		2.10	<0.005		<0.5	5.79	<5	40	1.0	2	2.81	<0.5	5	13	8	6.56
V703178		3.18	<0.005		<0.5	6.07	5	40	1.1	2	2.66	<0.5	4	19	9	5.35

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
25- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703118		20	0.35	10	1.62	2530	<1	1.69	<1	530	<2	0.26	<5	39	167	<20
V703119		20	0.43	<10	1.55	2620	<1	1.47	<1	550	<2	0.19	<5	26	143	<20
V703120		20	1.99	40	2.31	711	2	2.76	53	1420	6	0.09	<5	19	718	<20
V703121		20	0.54	<10	1.71	2960	<1	1.88	<1	630	<2	0.09	<5	23	168	<20
V703122		20	0.44	<10	1.43	2660	<1	1.97	<1	1720	<2	0.11	<5	22	174	<20
V703123		20	0.46	10	1.29	2690	<1	2.00	<1	2880	<2	0.14	<5	23	173	<20
V703124		20	0.41	10	1.19	2550	<1	2.35	<1	3150	<2	0.12	<5	28	152	<20
V703125		20	0.26	10	1.11	2140	1	2.58	<1	3280	<2	0.08	<5	28	168	<20
V703126		20	0.25	10	1.07	2000	1	3.13	<1	3520	<2	0.18	<5	31	161	<20
V703148		20	0.34	20	0.76	1305	2	3.53	<1	760	<2	0.28	<5	20	148	<20
V703149		20	0.16	20	0.72	1260	2	3.69	<1	720	<2	0.66	<5	19	108	<20
V703150		20	0.18	10	0.81	1320	1	3.26	<1	790	<2	0.47	6	20	71	<20
V703151		20	0.16	10	0.88	1285	1	3.12	<1	850	<2	0.22	<5	22	75	<20
V703152		20	0.26	10	0.79	1225	2	3.05	<1	900	<2	0.09	<5	23	88	<20
V703153		20	0.52	10	0.63	1310	1	2.74	<1	860	<2	0.17	<5	23	101	<20
V703154		20	0.21	10	0.79	1015	2	2.47	<1	690	<2	0.20	<5	19	96	<20
V703155		20	0.20	10	0.81	984	1	2.79	<1	770	<2	0.05	<5	22	89	<20
V703156		20	0.27	10	1.02	1095	1	2.44	<1	960	<2	0.02	<5	22	89	<20
V703157		20	0.31	10	1.10	963	1	3.09	<1	750	<2	<0.01	<5	21	49	<20
V703158		20	0.20	10	0.99	977	1	2.87	<1	780	<2	0.03	<5	21	75	<20
V703159		20	0.09	10	0.84	962	2	3.07	<1	720	<2	0.01	<5	21	79	<20
V703160		20	2.01	30	1.74	544	2	2.17	42	940	11	0.05	<5	18	403	<20
V703161		20	0.08	10	1.05	1165	1	3.37	<1	980	<2	0.10	<5	24	63	<20
V703162		20	0.09	10	0.60	1300	1	3.02	<1	710	<2	0.32	<5	20	110	<20
V703163		20	0.15	10	0.45	1135	2	2.76	<1	710	4	0.15	<5	20	87	<20
V703164		20	0.17	10	0.46	1130	1	2.81	1	760	<2	0.14	<5	20	75	<20
V703165		20	0.34	10	0.92	1090	1	2.82	2	740	<2	0.01	5	22	65	<20
V703166		20	0.18	10	0.72	1140	2	2.73	1	710	<2	0.29	<5	21	65	<20
V703167		20	0.23	20	0.71	1220	1	2.34	<1	770	<2	0.08	<5	21	97	<20
V703168		20	0.17	10	0.65	1115	2	2.61	1	760	3	0.15	<5	18	77	<20
V703169		20	0.17	10	0.44	1150	1	2.55	<1	790	<2	0.08	<5	20	99	<20
V703170		20	0.19	10	0.83	1230	2	2.51	<1	870	<2	0.07	<5	22	98	<20
V703171		20	0.13	10	0.78	1365	2	2.50	<1	890	<2	0.26	5	23	104	<20
V703172		20	0.06	10	0.67	1240	2	2.70	1	750	<2	0.17	<5	22	88	<20
V703173		20	0.06	10	0.74	991	2	2.72	1	550	<2	0.15	<5	15	68	<20
V703174		20	0.09	10	0.68	1010	2	2.95	<1	480	<2	0.09	<5	18	63	<20
V703175		20	0.05	10	0.83	975	2	2.86	<1	540	<2	0.03	<5	17	77	<20
V703176		20	0.06	10	0.93	952	2	2.93	1	520	<2	0.02	<5	20	71	<20
V703177		20	0.06	10	0.63	1185	1	2.74	<1	530	3	0.26	<5	17	72	<20
V703178		20	0.06	20	0.66	1060	2	3.02	<1	480	<2	0.19	<5	19	77	<20

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Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703118		1.18	<10	<10	53	<10	90
V703119		1.04	<10	<10	25	<10	88
V703120		0.57	<10	<10	172	<10	115
V703121		1.09	<10	<10	17	<10	97
V703122		1.09	<10	<10	14	<10	73
V703123		1.01	<10	<10	10	<10	67
V703124		1.06	<10	<10	14	<10	58
V703125		1.06	<10	<10	12	<10	53
V703126		1.13	<10	<10	10	<10	56
V703148		0.36	<10	<10	9	<10	33
V703149		0.40	<10	<10	11	<10	38
V703150		0.39	<10	<10	1	<10	36
V703151		0.43	<10	<10	<1	<10	33
V703152		0.41	<10	<10	1	<10	27
V703153		0.44	<10	<10	<1	<10	19
V703154		0.38	<10	<10	<1	<10	25
V703155		0.42	<10	<10	<1	<10	27
V703156		0.44	<10	<10	<1	<10	34
V703157		0.40	<10	<10	<1	<10	27
V703158		0.40	<10	<10	<1	<10	27
V703159		0.39	<10	<10	<1	<10	28
V703160		0.52	<10	<10	139	<10	94
V703161		0.44	<10	<10	3	<10	40
V703162		0.35	<10	<10	6	<10	35
V703163		0.37	<10	<10	<1	<10	40
V703164		0.39	<10	<10	<1	<10	39
V703165		0.42	<10	<10	<1	<10	32
V703166		0.39	<10	<10	<1	<10	35
V703167		0.41	<10	<10	<1	<10	38
V703168		0.37	10	<10	<1	<10	37
V703169		0.39	<10	<10	<1	<10	43
V703170		0.42	<10	<10	1	<10	33
V703171		0.46	<10	<10	<1	<10	39
V703172		0.39	<10	<10	8	<10	39
V703173		0.31	<10	<10	<1	<10	34
V703174		0.34	<10	<10	1	<10	30
V703175		0.34	<10	<10	<1	<10	28
V703176		0.36	<10	<10	<1	<10	28
V703177		0.35	<10	<10	<1	<10	40
V703178		0.39	<10	<10	<1	<10	47

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CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703179		3.38	<0.005		<0.5	5.85	5	40	1.1	2	2.93	<0.5	4	15	7	5.32
V703180		0.16	3.83	4.03	0.8	6.94	31	590	0.8	3	2.46	1.2	17	63	148	5.19
V703181		3.08	<0.005		<0.5	6.03	<5	40	1.1	3	2.67	<0.5	4	17	6	5.47
V703182		1.20	<0.005		<0.5	6.12	<5	40	1.1	<2	2.84	<0.5	4	16	1	4.70
V703209		2.28	<0.005		<0.5	5.80	<5	160	1.1	<2	2.99	<0.5	5	13	7	6.56
V703210		2.04	0.018		<0.5	5.92	64	50	0.9	3	2.00	0.5	5	14	14	6.51
V703211		0.66	0.549		<0.5	5.49	2070	30	0.7	2	4.79	<0.5	8	8	3	5.05
V703212		2.56	0.045		<0.5	5.89	8	140	0.9	3	3.05	<0.5	4	12	7	6.05
V703213		3.48	0.007		<0.5	5.87	<5	110	1.0	<2	2.94	<0.5	5	15	5	6.14
V703214		3.44	<0.005		<0.5	5.77	9	120	1.1	<2	2.57	<0.5	3	14	4	4.91
V703215		3.68	<0.005		<0.5	5.92	<5	60	1.3	<2	2.82	<0.5	4	14	3	5.99
V703216		3.62	<0.005		<0.5	6.11	<5	80	0.9	<2	2.73	<0.5	4	13	2	5.11
V703217		3.84	<0.005		<0.5	6.03	<5	80	0.9	3	3.09	<0.5	6	14	7	7.03
V703218		3.42	<0.005		<0.5	5.97	<5	80	1.0	4	2.73	<0.5	7	14	1	6.78
V703219		3.58	<0.005		<0.5	5.94	<5	60	1.1	6	2.56	<0.5	4	11	<1	5.34
V703220		0.16	3.84	4.19	0.8	6.71	33	580	0.8	3	2.39	1.0	17	61	144	5.02
V703221		3.52	<0.005		<0.5	6.06	<5	60	1.1	<2	3.13	<0.5	4	13	<1	5.07
V703222		3.46	<0.005		<0.5	5.85	<5	50	1.0	3	3.14	<0.5	7	23	5	5.84
V703223		3.62	<0.005		<0.5	6.07	7	20	1.0	3	2.49	0.5	14	16	11	8.03
V703224		3.68	0.010		<0.5	6.64	16	20	0.7	7	3.19	1.0	26	12	8	11.90
V703225		3.88	0.021		<0.5	6.70	26	10	0.8	7	6.69	0.7	34	6	10	11.20
V703226		3.92	0.012		<0.5	6.84	22	10	0.6	4	7.51	0.9	31	7	7	10.80
V703227		3.78	<0.005		<0.5	6.74	33	30	<0.5	2	7.27	0.5	35	7	9	8.24
V703228		3.80	<0.005		<0.5	7.14	26	40	<0.5	6	6.97	0.6	38	7	52	8.89
V703229		3.54	<0.005		<0.5	7.44	31	40	<0.5	<2	6.49	0.7	44	8	62	9.16
V703230		3.76	<0.005		<0.5	6.92	24	20	0.5	<2	6.83	0.7	39	9	17	8.29
V703231		0.98	<0.005		<0.5	7.38	26	30	<0.5	3	6.75	0.9	43	7	105	10.35
V703232		2.46	0.006		<0.5	7.55	18	20	<0.5	3	6.14	0.7	32	11	67	8.97
V703233		3.64	<0.005		<0.5	7.91	36	90	<0.5	3	7.52	0.7	44	180	124	8.22
V703234		4.04	0.005		<0.5	8.05	31	10	<0.5	<2	8.88	0.7	45	30	147	7.75
V703235		3.00	<0.005		<0.5	8.23	42	20	<0.5	3	8.76	0.7	53	31	139	7.69
V703236		2.80	<0.005		<0.5	7.48	24	150	0.7	<2	8.28	0.6	38	263	83	6.81
V703237		1.50	<0.005		<0.5	6.39	5	20	0.5	3	1.89	0.6	22	77	184	10.95
V703238		2.78	<0.005		<0.5	8.38	21	490	1.5	4	0.87	<0.5	22	82	12	6.48
V703239		3.56	<0.005		<0.5	8.11	20	790	1.8	<2	1.11	<0.5	26	76	18	6.16
V703240		0.60	<0.005		<0.5	7.52	<5	1090	1.0	<2	2.39	<0.5	19	92	29	5.87
V703241		3.22	<0.005		<0.5	8.24	14	840	2.0	<2	0.69	<0.5	20	76	20	6.28
V703242		3.34	<0.005		<0.5	8.19	21	780	1.9	4	0.73	<0.5	26	79	30	6.48
V703243		3.44	<0.005		<0.5	8.42	5	770	2.0	3	0.79	<0.5	24	78	36	6.90
V703244		2.34	<0.005		<0.5	8.30	11	600	1.7	6	1.47	<0.5	25	74	31	6.73

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CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703179		20	0.07	10	0.58	1050	1	2.70	2	460	<2	0.21	<5	17	94	<20
V703180		20	1.09	10	1.51	866	8	2.19	44	760	47	0.14	8	16	270	<20
V703181		20	0.07	20	0.71	1060	2	2.97	<1	510	<2	0.15	<5	19	75	<20
V703182		20	0.07	30	0.84	927	2	3.06	<1	530	<2	<0.01	<5	18	68	<20
V703209		20	0.28	20	0.58	1140	1	2.53	<1	690	<2	0.21	<5	18	91	<20
V703210		20	0.07	20	0.47	978	2	3.20	1	500	4	0.36	<5	18	67	<20
V703211		10	0.05	20	0.54	993	2	3.06	<1	400	<2	0.16	<5	14	101	<20
V703212		20	0.26	20	0.47	925	2	2.76	<1	480	<2	0.16	<5	15	85	<20
V703213		20	0.17	20	0.48	1135	2	2.98	<1	520	<2	0.12	<5	16	85	<20
V703214		20	0.22	20	0.56	949	2	3.06	<1	540	2	0.10	<5	17	61	<20
V703215		20	0.11	10	0.55	1250	1	2.88	1	620	<2	0.09	<5	19	72	<20
V703216		20	0.19	10	0.87	960	2	3.09	<1	680	2	0.01	<5	18	70	<20
V703217		20	0.16	20	0.78	1225	2	2.68	1	820	<2	0.15	<5	21	77	<20
V703218		20	0.21	10	0.95	1145	2	2.61	1	790	<2	0.01	<5	18	69	<20
V703219		20	0.35	10	0.97	904	1	2.83	1	690	<2	<0.01	<5	19	72	<20
V703220		10	1.07	10	1.46	846	7	2.12	42	740	46	0.14	<5	15	263	<20
V703221		20	0.37	10	0.94	915	1	2.91	2	750	<2	<0.01	<5	17	70	<20
V703222		20	0.12	20	0.83	1035	2	2.49	<1	750	<2	0.08	<5	19	78	<20
V703223		20	0.02	10	1.19	1430	2	2.03	1	1110	<2	0.01	<5	22	56	<20
V703224		20	0.03	10	1.85	1310	1	1.51	3	970	4	0.09	5	43	93	<20
V703225		20	0.02	10	2.12	2370	2	0.95	13	510	<2	0.05	<5	45	123	<20
V703226		20	0.03	<10	2.86	2660	1	1.10	29	330	<2	0.02	<5	44	109	<20
V703227		20	0.08	<10	3.32	1345	1	2.31	45	310	<2	<0.01	6	43	174	<20
V703228		20	0.09	<10	3.73	1405	1	2.03	50	290	<2	<0.01	<5	48	175	<20
V703229		20	0.07	<10	3.73	1835	1	2.23	53	300	<2	0.04	<5	45	150	<20
V703230		20	0.06	<10	3.78	1660	1	2.26	50	320	4	0.02	<5	43	135	<20
V703231		20	0.05	<10	3.51	1470	1	0.88	40	410	2	0.32	5	46	276	<20
V703232		20	0.03	<10	3.26	1430	1	1.84	38	400	<2	0.14	<5	40	199	<20
V703233		20	0.24	10	4.81	1480	1	1.23	159	270	<2	0.02	<5	35	169	<20
V703234		20	0.03	<10	4.39	1315	1	1.05	81	200	<2	0.02	<5	45	145	<20
V703235		10	0.07	<10	5.21	1345	1	1.17	92	180	<2	0.02	<5	48	158	<20
V703236		10	0.57	<10	5.44	1585	2	0.64	116	130	<2	0.01	<5	43	158	<20
V703237		20	0.03	40	2.84	1730	1	1.16	47	460	15	1.24	<5	13	150	<20
V703238		20	1.58	30	1.72	1205	1	2.64	41	490	<2	0.18	<5	16	41	<20
V703239		20	2.75	40	1.68	1090	1	1.13	42	470	3	0.33	<5	16	20	<20
V703240		20	1.88	30	1.83	746	1	2.07	45	910	11	0.07	<5	22	417	<20
V703241		20	3.09	40	1.70	1060	1	0.82	40	470	<2	0.29	<5	16	16	<20
V703242		20	2.94	30	1.69	1125	1	0.99	40	480	<2	0.39	<5	16	18	<20
V703243		20	2.90	40	1.74	1150	1	1.13	41	490	3	0.50	<5	16	21	<20
V703244		20	2.23	40	1.78	1145	1	1.77	41	530	10	0.39	<5	15	36	<20

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
25- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703179		0.37	<10	<10	<1	<10	33
V703180		0.38	<10	<10	142	30	289
V703181		0.38	<10	<10	<1	<10	32
V703182		0.34	<10	<10	<1	<10	28
V703209		0.36	<10	<10	<1	<10	44
V703210		0.36	<10	<10	<1	<10	41
V703211		0.29	<10	<10	4	<10	37
V703212		0.30	<10	<10	<1	<10	36
V703213		0.31	<10	<10	<1	<10	38
V703214		0.33	<10	<10	<1	<10	32
V703215		0.37	<10	<10	<1	<10	40
V703216		0.37	<10	<10	<1	<10	63
V703217		0.44	<10	<10	<1	<10	48
V703218		0.35	<10	<10	<1	<10	37
V703219		0.40	<10	<10	<1	<10	28
V703220		0.36	<10	<10	137	40	280
V703221		0.37	<10	<10	<1	<10	26
V703222		0.42	<10	<10	1	<10	40
V703223		0.54	<10	<10	8	<10	62
V703224		1.31	<10	<10	61	<10	80
V703225		1.22	<10	<10	331	<10	96
V703226		0.93	<10	<10	565	<10	110
V703227		0.59	<10	<10	356	<10	58
V703228		0.67	<10	<10	387	<10	61
V703229		0.58	<10	<10	368	<10	75
V703230		0.57	<10	<10	331	<10	63
V703231		0.77	<10	<10	471	<10	72
V703232		0.64	<10	<10	369	<10	66
V703233		0.43	<10	<10	239	<10	84
V703234		0.37	<10	<10	253	<10	77
V703235		0.34	<10	<10	244	<10	76
V703236		0.28	<10	<10	201	<10	77
V703237		0.40	<10	<10	78	<10	88
V703238		0.65	<10	<10	98	<10	73
V703239		0.63	<10	<10	95	<10	72
V703240		0.50	<10	<10	135	<10	104
V703241		0.61	<10	<10	95	<10	70
V703242		0.64	<10	<10	96	<10	64
V703243		0.63	<10	<10	96	<10	68
V703244		0.60	<10	<10	91	<10	79

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CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703245		3.40	<0.005		<0.5	8.50	5	790	1.9	<2	1.00	<0.5	30	81	56	6.78
V703246		3.36	<0.005		<0.5	8.65	5	680	1.8	4	1.08	<0.5	26	76	39	6.73

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CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703245		20	2.89	40	1.64	932	1	1.33	46	480	10	0.77	<5	15	29	<20
V703246		20	2.40	40	1.68	877	1	1.97	43	500	<2	0.51	<5	16	38	<20

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CERTIFICAT D'ANALYSE VO17141706

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703245		0.62	<10	<10	91	<10	55
V703246		0.61	<10	<10	93	<10	49

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CERTIFICAT D'ANALYSE VO17141706

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	ME- ICP61
PUL- 32	PUL- QC	SPL- 21	WEI- 21

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Finalisée date: 25- JUIL- 2017
Compte: MIDEXP

CERTIFICAT VO17141740

Projet: Willbob Project

Ce rapport s'applique aux 47 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- JUIL- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: JEAN- FRANÇOIS LARIVIÈRE
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17141740

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703127		2.12	<0.005		<0.5	7.59	16	120	0.7	2	4.43	0.5	15	2	11	10.45
V703128		1.36	<0.005		<0.5	8.32	13	130	0.7	3	3.30	0.5	24	2	119	12.65
V703129		1.16	<0.005		<0.5	7.35	12	70	0.7	<2	3.86	<0.5	20	3	92	12.85
V703130		1.66	<0.005		<0.5	7.81	12	50	0.7	3	6.74	<0.5	7	1	6	8.84
V703131		0.84	0.632		<0.5	7.94	4630	50	0.9	2	3.99	0.5	15	2	49	10.60
V703132		0.90	0.170		<0.5	6.48	291	60	1.1	<2	2.41	<0.5	6	4	23	7.57
V703133		2.00	0.010		<0.5	5.96	18	110	1.1	<2	3.35	<0.5	3	7	5	7.61
V703134		1.88	<0.005		<0.5	5.93	<5	60	1.0	<2	4.20	<0.5	4	12	8	7.12
V703135		2.84	<0.005		<0.5	6.21	<5	130	1.3	4	2.69	<0.5	4	8	10	7.25
V703136		3.40	<0.005		<0.5	5.92	<5	60	1.0	<2	3.26	<0.5	4	7	4	5.50
V703137		3.42	<0.005		<0.5	5.99	7	50	1.3	3	3.58	<0.5	5	8	7	5.46
V703138		2.58	<0.005		<0.5	5.76	13	40	1.3	<2	3.11	<0.5	3	9	4	5.39
V703139		1.90	<0.005		<0.5	5.52	76	50	1.1	<2	3.95	<0.5	4	8	19	4.99
V703140		0.14	4.02	3.62	0.6	6.88	33	590	0.8	<2	2.42	1.1	16	66	148	5.18
V703141		2.32	<0.005		<0.5	5.92	15	70	1.3	<2	3.30	<0.5	12	8	6	4.78
V703142		1.98	<0.005		<0.5	5.96	18	100	1.1	<2	3.19	<0.5	13	10	24	5.19
V703143		2.24	<0.005		<0.5	6.16	11	130	1.2	<2	3.98	<0.5	8	10	3	5.33
V703144		3.12	<0.005		<0.5	6.30	<5	390	1.4	2	3.35	<0.5	1	7	4	5.08
V703145		2.56	<0.005		<0.5	6.43	10	90	1.0	<2	2.86	<0.5	7	7	75	8.20
V703146		3.42	<0.005		<0.5	5.98	<5	70	1.1	<2	2.48	<0.5	7	8	28	7.19
V703147		2.22	0.006		<0.5	6.52	19	110	1.2	<2	3.81	<0.5	4	6	24	5.89
V703183		3.20	<0.005		<0.5	6.03	<5	40	0.8	2	2.59	<0.5	4	9	14	6.84
V703184		2.30	0.435		<0.5	5.82	234	130	0.9	<2	3.33	<0.5	2	17	3	5.69
V703185		1.02	0.008		<0.5	5.98	<5	50	1.0	4	2.08	<0.5	5	9	10	7.04
V703186		1.02	0.018		<0.5	5.82	34	80	0.8	<2	2.75	<0.5	4	10	15	6.84
V703187		0.82	0.007		<0.5	5.73	819	90	0.7	<2	3.14	<0.5	4	7	17	5.78
V703188		1.68	<0.005		<0.5	6.15	6	220	2.8	3	3.16	<0.5	2	13	2	4.85
V703189		0.98	0.005		<0.5	5.67	5	70	0.7	<2	3.51	<0.5	3	13	13	5.24
V703190		2.34	0.009		<0.5	6.06	<5	90	1.0	<2	2.30	<0.5	3	12	5	6.36
V703191		1.08	0.005		<0.5	5.13	313	50	0.8	<2	6.91	<0.5	1	10	7	5.25
V703192		1.14	<0.005		<0.5	6.15	<5	100	0.9	3	2.38	<0.5	2	9	2	5.08
V703193		2.38	0.013		<0.5	6.05	15	190	1.2	<2	2.86	<0.5	3	10	4	4.26
V703194		1.82	<0.005		<0.5	5.93	6	200	1.0	<2	2.91	<0.5	7	10	11	5.51
V703195		1.66	<0.005		<0.5	6.22	7	160	0.9	2	2.62	<0.5	7	8	4	5.33
V703196		0.86	0.010		<0.5	5.19	1015	70	1.0	<2	3.26	<0.5	1	20	1	4.30
V703197		1.36	0.328		<0.5	5.67	931	50	0.7	<2	2.08	<0.5	3	12	38	6.43
V703198		1.12	0.464		<0.5	4.91	3300	80	1.1	<2	4.10	<0.5	<1	12	41	5.86
V703199		2.44	0.025		<0.5	6.14	10	160	1.4	3	2.64	<0.5	3	11	8	6.46
V703200		1.16	<0.005		<0.5	7.72	8	1070	1.3	<2	2.68	<0.5	21	104	29	5.75
V703201		3.48	<0.005		<0.5	6.11	<5	60	1.1	<2	3.35	<0.5	4	14	4	8.15

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 25- JUIL- 2017
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Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141740

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703127		20	0.18	10	1.39	1830	<1	3.42	<1	4080	9	0.12	<5	38	161	<20
V703128		20	0.19	10	1.57	1770	<1	3.61	<1	3850	11	0.80	5	48	149	<20
V703129		20	0.12	10	1.54	1945	<1	2.88	<1	3410	<2	0.60	<5	56	133	<20
V703130		20	0.08	10	1.28	2030	<1	4.07	<1	2990	5	0.04	<5	38	198	<20
V703131		20	0.10	10	1.44	1645	1	3.80	<1	2390	12	0.53	5	39	107	<20
V703132		20	0.11	10	0.69	1020	1	3.59	<1	760	<2	0.36	<5	21	53	<20
V703133		20	0.18	10	0.40	1130	1	3.09	<1	670	2	0.10	<5	20	105	<20
V703134		20	0.11	20	0.44	965	2	1.96	4	540	3	0.11	<5	18	130	<20
V703135		20	0.23	10	0.62	1225	1	2.68	<1	760	<2	0.20	<5	21	120	<20
V703136		20	0.13	10	0.78	992	1	2.52	1	670	3	0.06	<5	21	95	<20
V703137		20	0.10	10	0.77	1185	1	2.52	<1	720	2	0.08	<5	20	96	<20
V703138		20	0.09	10	0.70	1065	1	2.89	<1	630	<2	0.10	<5	18	76	<20
V703139		20	0.10	10	0.64	977	1	3.00	<1	570	<2	0.16	<5	17	89	<20
V703140		10	1.10	10	1.48	864	8	2.17	42	750	48	0.14	6	16	272	<20
V703141		20	0.11	10	0.81	990	1	3.13	<1	590	3	0.02	<5	17	81	<20
V703142		20	0.18	10	0.84	974	1	2.82	<1	610	3	0.15	<5	18	97	<20
V703143		20	0.22	10	0.82	1070	1	3.22	<1	720	<2	0.02	<5	20	108	<20
V703144		20	0.63	10	0.78	1070	1	3.09	<1	740	3	0.03	<5	23	109	<20
V703145		20	0.14	20	0.73	1295	<1	3.47	<1	940	<2	0.70	<5	25	110	<20
V703146		20	0.09	20	0.72	1215	1	3.23	<1	810	3	0.31	<5	21	98	<20
V703147		20	0.14	20	0.77	1105	1	3.89	<1	880	2	0.23	<5	20	139	<20
V703183		20	0.06	10	0.73	1150	1	2.95	<1	680	<2	0.26	<5	18	64	<20
V703184		20	0.21	10	0.55	957	1	2.87	<1	510	2	0.10	<5	18	64	<20
V703185		20	0.08	10	0.60	1050	<1	3.04	<1	660	<2	0.23	<5	16	58	<20
V703186		20	0.14	10	0.63	1120	1	2.94	<1	640	3	0.28	<5	17	73	<20
V703187		20	0.23	10	0.68	1010	1	2.97	<1	540	<2	0.22	<5	19	85	<20
V703188		20	0.54	20	0.67	1715	1	2.86	<1	460	4	0.02	<5	17	86	<20
V703189		20	0.14	20	0.53	1110	1	3.19	<1	440	2	0.18	<5	17	87	<20
V703190		20	0.16	20	0.57	1165	1	3.18	1	510	<2	0.17	<5	17	73	<20
V703191		20	0.11	20	0.54	1585	1	2.71	<1	430	<2	0.15	<5	16	87	<20
V703192		20	0.23	20	0.66	990	1	3.45	<1	520	<2	0.02	<5	18	68	<20
V703193		20	0.64	20	0.72	871	1	2.77	<1	520	4	0.02	<5	17	76	<20
V703194		20	0.65	20	0.79	1110	2	2.47	<1	620	<2	0.14	<5	18	77	<20
V703195		20	0.40	20	0.77	1045	1	3.05	<1	610	5	0.03	<5	18	71	<20
V703196		10	0.23	10	0.52	923	2	2.85	<1	400	<2	0.05	<5	16	83	<20
V703197		20	0.10	20	0.50	856	1	3.10	<1	510	<2	0.62	<5	16	74	<20
V703198		10	0.20	30	0.50	1070	1	2.48	<1	370	5	0.68	<5	15	102	<20
V703199		20	0.26	20	0.60	1480	1	2.80	<1	650	<2	0.20	<5	19	82	<20
V703200		20	1.80	40	1.84	634	1	2.13	49	900	15	0.08	<5	20	452	<20
V703201		20	0.07	20	0.53	1250	1	2.08	<1	730	3	0.21	<5	19	108	<20

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 25- JUIL- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141740

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703127		1.40	<10	<10	29	<10	78
V703128		1.37	10	<10	51	<10	95
V703129		1.27	10	<10	91	<10	92
V703130		1.03	<10	<10	85	<10	72
V703131		0.94	10	<10	101	<10	87
V703132		0.39	10	<10	20	<10	46
V703133		0.37	10	<10	1	<10	42
V703134		0.34	10	<10	<1	<10	43
V703135		0.40	10	<10	<1	<10	33
V703136		0.38	<10	<10	<1	<10	29
V703137		0.38	<10	<10	<1	<10	30
V703138		0.37	<10	<10	<1	<10	27
V703139		0.33	<10	<10	4	<10	27
V703140		0.36	10	<10	141	40	285
V703141		0.33	<10	<10	1	<10	26
V703142		0.33	10	<10	<1	<10	26
V703143		0.42	10	<10	5	<10	30
V703144		0.46	<10	<10	14	<10	31
V703145		0.45	10	<10	26	<10	49
V703146		0.39	10	<10	3	<10	43
V703147		0.41	10	<10	23	<10	38
V703183		0.37	10	<10	<1	<10	39
V703184		0.34	<10	<10	<1	<10	33
V703185		0.34	<10	<10	<1	<10	40
V703186		0.34	<10	<10	2	<10	43
V703187		0.40	10	<10	2	<10	40
V703188		0.33	10	<10	1	<10	47
V703189		0.34	10	<10	<1	<10	38
V703190		0.33	<10	<10	<1	<10	40
V703191		0.27	<10	<10	<1	<10	32
V703192		0.35	<10	<10	1	<10	30
V703193		0.32	<10	<10	<1	<10	25
V703194		0.33	<10	<10	<1	<10	29
V703195		0.33	<10	<10	2	<10	33
V703196		0.30	10	<10	12	<10	32
V703197		0.31	<10	<10	2	<10	42
V703198		0.24	<10	<10	7	<10	38
V703199		0.34	<10	<10	<1	<10	46
V703200		0.54	<10	<10	147	<10	99
V703201		0.35	<10	<10	<1	<10	54

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CERTIFICAT D'ANALYSE VO17141740

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703202		1.78	<0.005		<0.5	6.18	<5	40	1.3	<2	3.71	<0.5	3	10	1	8.89
V703203		1.64	<0.005		<0.5	5.79	5	70	1.4	<2	6.25	<0.5	2	20	2	5.52
V703204		0.90	<0.005		<0.5	6.33	<5	40	1.4	2	2.44	<0.5	4	12	17	7.32
V703205		1.50	<0.005		<0.5	5.86	<5	50	1.2	<2	2.25	<0.5	6	10	21	6.12
V703206		3.30	<0.005		<0.5	5.68	11	150	1.2	<2	2.97	<0.5	5	10	3	4.51
V703207		0.84	0.006		<0.5	5.52	439	140	1.1	<2	4.22	<0.5	6	8	12	5.98
V703208		2.34	<0.005		<0.5	5.99	5	210	1.0	<2	2.27	<0.5	8	9	14	8.64

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CERTIFICAT D'ANALYSE VO17141740

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703202		20	0.04	20	0.61	1325	1	1.41	<1	880	3	0.12	<5	20	120	<20
V703203		20	0.09	20	0.44	908	1	0.42	<1	540	5	0.03	5	19	189	<20
V703204		20	0.04	20	0.66	1165	1	2.85	<1	640	2	0.52	<5	21	88	<20
V703205		20	0.05	20	0.61	1075	<1	2.85	<1	580	<2	0.32	<5	16	83	<20
V703206		20	0.25	10	0.64	926	<1	3.00	<1	530	<2	0.01	<5	16	75	<20
V703207		20	0.25	20	0.61	1120	<1	2.73	<1	540	<2	0.22	<5	15	98	<20
V703208		20	0.37	10	0.86	1325	<1	2.20	1	1000	2	0.26	<5	15	76	<20

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CERTIFICAT D'ANALYSE VO17141740

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703202		0.38	<10	<10	1	<10	65
V703203		0.35	<10	<10	<1	<10	35
V703204		0.44	<10	<10	<1	<10	48
V703205		0.34	<10	<10	<1	<10	44
V703206		0.33	<10	<10	1	<10	42
V703207		0.28	<10	<10	<1	<10	42
V703208		0.32	<10	<10	<1	<10	59

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Finalisée date: 25- JUIL- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141740

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
LOG- 22	LOG- 24	ME- ICP61	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
17- AOUT- 2017
Compte: MIDEXP

CERTIFICAT VO17141760

Projet: Willbob Project

Ce rapport s'applique aux 28 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- JUIL- 2017.

Les résultats sont transmis à:

MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP06	Roche entière - ICP- AES	ICP- AES
OA- GRA05	Perte par calcination à 1 000 C	WST- SEQ
ME- MS81	Fusion Lithium Borate ICP- MS	ICP- MS
TOT- ICP06		ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
17- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141760

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	ME- MS81 Ba ppm 0.5	ME- MS81 Ce ppm 0.5	ME- MS81 Cr ppm 10	ME- MS81 Cs ppm 0.01	ME- MS81 Dy ppm 0.05	ME- MS81 Er ppm 0.03	ME- MS81 Eu ppm 0.03	ME- MS81 Ga ppm 0.1	ME- MS81 Gd ppm 0.05	ME- MS81 Hf ppm 0.2	ME- MS81 Ho ppm 0.01	ME- MS81 La ppm 0.5	ME- MS81 Lu ppm 0.01	ME- MS81 Nb ppm 0.2
S434651		0.38	87.8	11.6	10	7.77	5.60	3.41	1.41	21.3	4.65	2.2	1.17	4.0	0.46	5.8
S434652		0.28	70.4	12.7	<10	4.74	5.22	3.21	1.27	17.1	4.65	2.0	1.15	4.2	0.56	4.9
S434653		0.34	78.1	8.7	<10	5.96	4.23	2.54	1.03	17.6	3.37	1.6	0.93	3.2	0.39	3.3
S434654		0.76	43.5	6.9	<10	4.07	2.76	1.83	0.76	17.1	2.69	1.2	0.65	2.5	0.27	2.3
S434655		0.78	40.0	6.2	10	2.46	2.31	1.56	0.69	17.0	2.05	0.9	0.55	2.5	0.30	1.8
S434656		0.36	35.5	4.7	10	2.38	2.23	1.37	0.49	17.2	1.67	0.7	0.49	2.0	0.24	1.5
S434657		0.36	143.0	7.7	10	6.37	3.66	2.49	1.03	19.8	3.22	1.7	0.86	2.9	0.42	3.4
S434658		0.36	89.9	8.3	<10	5.47	4.06	2.45	1.18	18.1	3.41	1.7	0.90	3.1	0.39	3.4
S434659		0.82	46.0	9.8	10	2.26	4.14	2.76	1.16	21.3	3.84	1.7	0.93	3.7	0.41	4.0
S434660		0.68	65.8	6.1	10	6.44	3.12	1.83	1.09	17.3	2.89	1.3	0.67	2.3	0.32	4.0
S434661		0.78	112.0	20.7	10	6.61	6.23	3.46	1.55	18.6	6.52	1.7	1.32	8.0	0.47	5.4
S434662		0.66	92.7	18.5	10	3.66	6.84	3.79	1.52	19.2	6.19	2.6	1.40	6.9	0.58	7.2
S434663		0.34	73.0	18.6	10	3.56	6.17	3.86	1.47	18.1	6.30	2.3	1.38	7.1	0.53	5.6
S434664		0.78	5.5	3.9	30	0.06	1.51	1.09	0.38	13.7	1.15	0.6	0.33	1.6	0.16	1.2
S434665		0.36	9.6	4.5	30	0.08	1.65	1.17	0.45	14.6	1.48	0.6	0.38	1.8	0.18	1.1
S434666		0.76	95.4	5.0	20	0.18	1.93	1.15	0.41	15.5	1.40	0.8	0.40	2.0	0.20	1.3
S434667		0.32	194.0	19.7	<10	4.85	4.96	2.80	1.22	19.5	4.23	2.2	1.00	7.8	0.38	7.8
S434668		0.36	205	37.9	10	5.27	9.39	5.64	2.20	27.0	8.83	5.4	2.00	17.4	0.80	10.3
S434669		0.42	208	34.5	10	6.46	8.96	5.75	1.75	20.9	8.41	5.7	1.96	14.7	0.88	9.9
S434670		0.38	7.3	8.6	20	0.09	3.00	1.89	0.89	19.6	2.81	1.5	0.77	3.5	0.30	2.7
S434671		0.34	742	53.5	30	12.05	3.82	2.25	1.07	11.2	4.43	2.1	0.79	28.1	0.28	10.4
S434672		0.38	113.5	4.9	10	3.71	1.90	1.31	0.45	18.8	1.69	0.7	0.40	2.1	0.18	1.1
S434673		0.74	300	14.5	<10	5.04	4.52	3.04	1.39	20.9	4.43	2.1	1.06	5.3	0.43	4.0
S434674		0.32	127.0	28.2	10	0.29	9.05	5.90	1.89	21.3	7.87	5.7	2.08	11.5	0.92	11.2
S434675		0.34	100.5	38.4	40	1.38	10.70	6.82	1.65	20.0	9.61	6.7	2.29	17.2	1.02	11.4
S434676		0.34	84.5	34.0	10	1.38	8.72	5.74	1.82	22.1	7.53	5.5	1.91	16.3	0.82	8.8
S434677		0.38	31.2	8.7	10	0.08	4.36	2.58	0.75	18.9	4.03	1.4	0.95	3.2	0.34	2.0
S434678		0.68	1040	100.5	470	1.31	3.31	1.58	1.43	24.7	4.71	3.7	0.59	55.4	0.21	12.8

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Finalisée date:
17- AOUT- 2017
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CERTIFICAT D'ANALYSE VO17141760

Description échantillon	Méthode élément unités L.D.	ME- MS81 Nd ppm 0.1	ME- MS81 Pr ppm 0.03	ME- MS81 Rb ppm 0.2	ME- MS81 Sm ppm 0.03	ME- MS81 Sn ppm 1	ME- MS81 Sr ppm 0.1	ME- MS81 Ta ppm 0.1	ME- MS81 Tb ppm 0.01	ME- MS81 Th ppm 0.05	ME- MS81 Tm ppm 0.01	ME- MS81 U ppm 0.05	ME- MS81 V ppm 5	ME- MS81 W ppm 1	ME- MS81 Y ppm 0.5	ME- MS81 Yb ppm 0.03
S434651		10.7	2.09	20.8	3.99	<1	174.5	0.3	0.84	0.49	0.51	0.19	5	<1	30.3	3.22
S434652		11.2	2.28	13.4	4.04	<1	114.5	0.3	0.81	0.57	0.50	0.17	7	1	29.5	3.27
S434653		7.8	1.49	18.4	2.56	1	115.5	0.2	0.61	0.68	0.38	1.18	156	1	22.5	2.71
S434654		5.4	1.10	13.7	1.97	1	84.4	0.1	0.48	0.37	0.29	0.13	813	1	16.0	1.85
S434655		5.0	1.00	9.3	1.67	1	89.5	0.1	0.39	0.24	0.24	0.10	1030	1	14.4	1.61
S434656		3.9	0.77	13.2	1.28	<1	88.8	0.1	0.34	0.26	0.21	0.08	1250	1	12.4	1.38
S434657		7.1	1.22	16.2	2.32	1	121.5	0.2	0.59	0.46	0.37	0.12	163	1	21.6	2.60
S434658		7.6	1.42	16.0	2.65	1	123.0	0.2	0.58	0.54	0.38	0.16	64	1	22.1	2.71
S434659		8.9	1.59	8.8	2.92	1	169.0	0.2	0.66	0.57	0.41	0.15	80	1	24.2	2.75
S434660		5.4	1.09	24.2	2.20	<1	133.5	0.3	0.48	0.49	0.31	0.11	5	1	17.2	2.09
S434661		16.3	3.41	27.6	5.14	<1	141.5	0.3	1.01	0.77	0.48	0.20	5	<1	33.0	3.17
S434662		16.0	3.22	20.1	5.11	<1	155.0	0.4	1.04	1.09	0.56	0.30	<5	<1	36.9	3.93
S434663		15.6	2.91	20.1	5.00	<1	122.0	0.3	1.00	0.92	0.54	0.29	<5	1	35.7	3.59
S434664		3.0	0.65	0.5	0.91	<1	127.5	<0.1	0.23	0.26	0.13	0.09	197	1	8.8	1.00
S434665		3.2	0.69	1.6	1.20	1	119.5	<0.1	0.25	0.20	0.17	0.07	221	1	9.6	1.30
S434666		3.7	0.82	12.6	1.14	<1	210	0.1	0.23	0.28	0.20	0.10	228	1	10.5	1.11
S434667		13.7	2.92	47.2	3.90	1	130.5	0.3	0.69	1.45	0.37	0.50	539	1	24.7	2.54
S434668		25.1	5.45	15.0	7.57	<1	121.0	0.7	1.56	3.36	0.82	0.84	<5	<1	50.2	5.77
S434669		24.8	5.18	17.9	7.06	1	108.5	0.7	1.40	3.44	0.87	0.77	<5	<1	48.6	5.81
S434670		6.4	1.29	0.7	2.00	1	210	0.2	0.46	0.63	0.32	0.13	346	1	18.6	1.93
S434671		23.4	6.44	136.0	4.72	2	70.3	0.7	0.63	6.41	0.31	1.34	41	<1	20.0	2.07
S434672		3.7	0.72	42.1	1.09	1	214	0.1	0.30	0.27	0.20	0.05	1275	1	10.7	1.24
S434673		11.3	2.13	23.4	3.52	1	228	0.3	0.73	1.01	0.41	0.19	111	<1	25.5	2.83
S434674		21.0	4.40	7.0	6.55	2	94.8	0.8	1.40	3.64	0.86	0.81	<5	<1	50.5	5.94
S434675		26.3	5.59	6.1	7.29	1	84.0	0.8	1.63	4.19	0.96	0.88	<5	<1	58.0	6.08
S434676		22.6	4.80	9.5	6.25	1	59.0	0.6	1.38	3.73	0.80	0.78	<5	<1	48.8	5.55
S434677		7.9	1.44	1.4	2.80	<1	174.5	0.2	0.58	0.60	0.36	0.16	290	<1	22.6	2.51
S434678		41.8	11.60	158.5	6.77	2	44.0	0.7	0.58	14.60	0.19	1.34	59	1	15.5	1.22

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date:
17- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141760

Description échantillon	Méthode élément unités L.D.	ME- MS81 Zr ppm 2	ME- ICP06 SiO2 % 0.01	ME- ICP06 Al2O3 % 0.01	ME- ICP06 Fe2O3 % 0.01	ME- ICP06 CaO % 0.01	ME- ICP06 MgO % 0.01	ME- ICP06 Na2O % 0.01	ME- ICP06 K2O % 0.01	ME- ICP06 Cr2O3 % 0.01	ME- ICP06 TiO2 % 0.01	ME- ICP06 MnO % 0.01	ME- ICP06 P2O5 % 0.01	ME- ICP06 SrO % 0.01	ME- ICP06 BaO % 0.01	OA- GRA05 LOI % 0.01
S434651		77	50.1	13.35	16.40	7.55	2.36	2.61	0.55	<0.01	2.47	0.34	0.10	0.02	0.01	3.43
S434652		67	49.1	11.55	18.10	6.00	2.78	2.87	0.34	<0.01	2.26	0.34	0.12	0.01	0.01	6.69
S434653		54	47.4	12.10	17.35	7.97	3.23	2.70	0.43	<0.01	2.30	0.29	0.07	0.02	0.01	6.35
S434654		45	46.7	12.55	19.45	8.05	4.79	2.81	0.34	<0.01	2.16	0.24	0.05	0.01	0.01	2.70
S434655		28	45.6	12.20	20.0	9.88	5.50	1.95	0.24	<0.01	1.95	0.27	0.04	0.01	<0.01	2.44
S434656		28	44.4	12.35	20.6	10.55	5.74	1.72	0.29	<0.01	1.88	0.26	0.03	0.01	<0.01	2.43
S434657		61	47.8	12.40	19.55	8.81	3.64	2.06	0.48	<0.01	2.74	0.33	0.08	0.01	0.02	3.08
S434658		50	51.7	13.25	17.70	7.25	2.95	3.39	0.48	<0.01	2.14	0.29	0.10	0.01	0.01	2.56
S434659		57	49.6	12.90	20.2	7.69	3.11	1.35	0.27	<0.01	3.03	0.40	0.09	0.02	0.01	3.04
S434660		47	46.5	12.65	24.8	5.97	2.70	1.60	0.77	<0.01	1.96	0.42	0.09	0.02	0.01	3.99
S434661		57	48.5	12.60	21.5	8.16	1.59	1.81	0.85	<0.01	1.78	0.40	0.78	0.02	0.01	3.49
S434662		90	61.2	11.35	14.40	6.40	0.54	2.53	0.56	<0.01	1.17	0.27	0.40	0.02	0.01	2.27
S434663		80	59.9	11.15	14.20	6.74	0.64	2.41	0.55	<0.01	1.13	0.25	0.41	0.02	0.01	2.58
S434664		23	49.2	16.15	9.59	13.35	8.15	1.21	0.04	0.01	0.44	0.19	0.02	0.02	<0.01	2.93
S434665		21	49.0	15.70	9.78	13.30	8.11	1.48	0.07	<0.01	0.48	0.18	0.03	0.01	<0.01	2.56
S434666		28	50.3	16.45	9.66	11.85	7.53	1.70	0.50	<0.01	0.48	0.17	0.03	0.03	0.01	2.69
S434667		75	49.6	12.35	15.70	5.65	4.37	2.41	0.87	<0.01	1.72	0.26	0.12	0.02	0.02	5.90
S434668		189	63.3	11.75	11.25	5.86	0.79	2.96	0.42	<0.01	0.71	0.15	0.20	0.02	0.02	2.28
S434669		199	63.9	11.45	12.55	4.03	0.78	3.77	0.52	<0.01	0.61	0.17	0.19	0.01	0.02	2.37
S434670		55	49.6	14.80	12.55	13.10	5.59	0.18	0.03	<0.01	0.87	0.20	0.06	0.03	<0.01	2.85
S434671		79	56.7	7.44	24.4	1.77	3.82	0.36	2.23	0.01	0.32	0.72	0.07	0.01	0.08	2.57
S434672		26	42.4	13.25	18.85	11.60	5.88	1.54	0.82	<0.01	1.67	0.20	0.03	0.03	0.01	3.00
S434673		76	51.6	13.00	17.15	6.03	3.16	2.35	0.57	<0.01	2.56	0.29	0.12	0.03	0.03	3.91
S434674		208	67.5	11.80	7.17	4.59	1.34	4.18	0.25	<0.01	0.66	0.13	0.13	0.01	0.01	3.52
S434675		233	65.6	11.20	10.80	3.83	0.68	4.08	0.19	0.01	0.69	0.14	0.17	0.01	0.01	3.18
S434676		190	65.7	11.95	10.85	2.98	1.89	3.68	0.22	<0.01	0.48	0.16	0.18	0.01	0.01	3.07
S434677		50	50.0	15.10	12.25	10.80	5.98	3.03	0.09	<0.01	0.79	0.19	0.07	0.02	<0.01	1.84
S434678		138	63.7	17.70	6.25	0.77	2.69	2.13	4.44	0.07	0.62	0.13	0.08	<0.01	0.11	3.06

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Finalisée date:
17- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141760

Description échantillon	Méthode élément unités L.D.	TOT- ICP06 Total % 0.01
S434651		99.29
S434652		100.17
S434653		100.22
S434654		99.86
S434655		100.08
S434656		100.26
S434657		101.00
S434658		101.83
S434659		101.71
S434660		101.48
S434661		101.49
S434662		101.12
S434663		99.99
S434664		101.30
S434665		100.70
S434666		101.40
S434667		98.99
S434668		99.71
S434669		100.37
S434670		99.86
S434671		100.50
S434672		99.28
S434673		100.80
S434674		101.29
S434675		100.59
S434676		101.18
S434677		100.16
S434678		101.75

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CERTIFICAT D'ANALYSE VO17141760

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

BAG- 01	CRU- 32	LOG- 22	ME- ICP06
ME- MS81	OA- GRA05	PUL- 32	PUL- QC
SPL- 21	TOT- ICP06	WEI- 21	

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Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

CERTIFICAT VO17162428

Projet: Willbob Project

Ce rapport s'applique aux 149 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- AOUT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703247		0.68	<0.005		<0.5	7.31	<5	1020	1.3	2	2.39	<0.5	18	93	29	5.01
V703248		3.06	<0.005		<0.5	5.88	72	100	0.7	<2	5.30	0.5	35	431	16	6.80
V703249		3.25	0.008		<0.5	5.18	88	30	0.5	<2	6.44	0.9	52	568	10	7.23
V703250		2.15	<0.005		<0.5	4.93	61	60	<0.5	<2	7.01	<0.5	47	568	34	6.86
V703251		2.50	<0.005		<0.5	5.18	56	40	<0.5	<2	6.28	<0.5	50	635	5	7.44
V703252		2.24	<0.005		<0.5	5.42	77	20	<0.5	<2	5.96	<0.5	61	684	28	8.18
V703253		3.24	<0.005		<0.5	5.24	78	20	<0.5	<2	6.88	0.6	56	669	8	7.87
V703254		3.39	<0.005		<0.5	5.43	41	30	<0.5	<2	6.44	<0.5	51	690	15	7.72
V703255		2.05	<0.005		<0.5	5.42	65	20	<0.5	<2	6.41	0.5	49	573	13	7.07
V703256		2.15	0.005		<0.5	5.12	185	10	<0.5	<2	7.29	0.5	61	786	412	7.42
V703257		1.25	0.025		2.1	3.61	379	<10	<0.5	<2	7.02	2.2	314	858	3190	14.05
V703258		2.30	0.010		0.5	4.32	108	10	<0.5	<2	7.08	0.7	83	970	688	8.43
V703259		1.53	0.010		0.5	4.38	102	10	<0.5	<2	7.65	1.0	84	1010	707	8.50
V703260		0.11	3.90	3.92	0.9	6.85	33	590	0.7	<2	2.45	0.8	17	66	145	5.15
V703261		2.28	<0.005		<0.5	4.07	78	10	<0.5	<2	9.64	<0.5	53	879	104	6.70
V703262		2.08	<0.005		<0.5	5.35	69	10	<0.5	<2	8.40	<0.5	41	550	154	6.03
V703263		3.10	<0.005		<0.5	5.13	84	10	<0.5	<2	7.53	<0.5	59	896	60	6.92
V703264		1.42	<0.005		<0.5	4.61	53	<10	<0.5	<2	7.65	0.6	49	830	36	6.25
V703265		1.65	<0.005		<0.5	4.96	38	10	<0.5	<2	7.53	0.5	61	938	112	7.07
V703266		3.20	<0.005		<0.5	5.13	24	80	<0.5	<2	6.97	<0.5	58	930	71	7.03
V703267		3.53	<0.005		<0.5	4.83	11	60	<0.5	<2	6.92	<0.5	59	959	85	7.07
V703268		3.51	<0.005		<0.5	4.04	12	10	<0.5	<2	7.76	0.5	66	967	128	7.27
V703269		3.56	0.007		<0.5	4.31	5	30	<0.5	<2	7.64	0.5	64	1035	183	7.41
V703270		3.48	<0.005		<0.5	4.39	8	40	<0.5	<2	7.34	0.6	63	1015	135	7.44
V703271		3.55	<0.005		<0.5	4.64	6	60	<0.5	<2	7.49	0.5	65	980	160	7.35
V703272		3.38	<0.005		<0.5	4.32	<5	10	<0.5	<2	7.37	0.7	63	900	8	7.63
V703273		3.26	<0.005		<0.5	4.56	11	<10	<0.5	<2	8.31	0.5	57	816	93	6.75
V703274		3.29	<0.005		<0.5	4.61	<5	<10	<0.5	<2	6.78	0.5	61	833	4	7.68
V703275		3.42	<0.005		<0.5	4.73	17	20	<0.5	2	7.52	<0.5	65	877	73	7.29
V703276		3.41	<0.005		<0.5	5.16	23	30	<0.5	<2	7.01	<0.5	63	843	62	7.31
V703277		2.67	<0.005		<0.5	5.20	34	20	<0.5	2	8.55	<0.5	53	741	18	6.56
V703278		2.82	<0.005		<0.5	5.43	52	140	<0.5	<2	7.50	<0.5	62	901	49	7.31
V703279		3.34	<0.005		<0.5	5.09	86	40	<0.5	<2	6.91	<0.5	65	1020	73	7.68
V703280		0.75	<0.005		<0.5	7.91	<5	1000	1.3	<2	2.51	<0.5	21	106	58	5.76
V703281		3.31	<0.005		<0.5	4.36	62	10	<0.5	<2	8.07	0.6	65	1075	80	7.49
V703282		2.04	<0.005		<0.5	5.13	76	<10	<0.5	<2	6.96	<0.5	61	922	43	6.93
V703283		1.04	<0.005		<0.5	3.92	37	<10	<0.5	3	13.00	<0.5	36	591	40	4.73
V703284		2.24	<0.005		<0.5	5.99	29	70	<0.5	<2	7.94	<0.5	52	779	76	6.19
V703285		3.66	<0.005		<0.5	6.47	<5	120	<0.5	2	8.79	<0.5	53	850	131	6.72
V703286		3.79	<0.005		<0.5	6.40	<5	90	<0.5	<2	9.03	0.6	53	875	84	6.77

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Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703247		20	1.79	20	1.69	532	6	2.20	44	880	17	0.07	<5	17	420	<20
V703248		10	0.34	10	5.37	2100	<1	1.63	165	180	6	0.05	<5	33	95	<20
V703249		10	0.62	<10	6.98	1555	<1	0.26	233	220	14	0.01	<5	38	111	<20
V703250		10	1.20	<10	6.89	1520	<1	0.35	237	200	8	0.01	<5	36	130	<20
V703251		10	0.69	<10	7.86	1520	<1	1.18	266	170	7	<0.01	<5	39	72	<20
V703252		10	0.40	<10	8.40	1600	<1	1.31	301	230	6	<0.01	<5	42	55	<20
V703253		10	0.17	<10	8.08	1640	<1	1.28	292	210	7	<0.01	6	41	59	<20
V703254		10	0.27	<10	8.12	1570	<1	1.67	264	130	5	<0.01	<5	43	57	<20
V703255		10	0.12	<10	7.07	1430	<1	1.35	229	190	4	<0.01	<5	38	74	<20
V703256		10	0.09	<10	7.33	1305	<1	1.07	361	170	18	0.10	<5	41	66	<20
V703257		10	0.05	<10	6.94	1210	<1	0.11	1910	160	36	4.39	<5	37	49	<20
V703258		10	0.07	<10	8.46	1315	<1	0.96	539	170	3	0.62	<5	44	44	<20
V703259		10	0.15	<10	8.62	1335	<1	0.74	547	170	12	0.57	5	45	57	<20
V703260		10	1.07	10	1.50	856	8	2.17	41	740	49	0.14	6	15	271	<20
V703261		10	0.08	<10	7.68	1335	<1	0.20	264	160	3	0.01	5	40	89	<20
V703262		10	0.09	<10	5.56	1310	<1	0.91	150	150	7	0.02	<5	37	106	<20
V703263		10	0.25	<10	8.40	1370	<1	0.23	289	150	10	0.01	<5	42	98	<20
V703264		10	0.01	<10	7.69	1360	<1	0.04	269	140	<2	<0.01	<5	38	92	<20
V703265		10	0.06	<10	8.71	1425	<1	0.56	309	150	3	0.01	<5	42	66	<20
V703266		10	0.28	<10	8.73	1355	<1	1.14	305	150	<2	0.01	<5	42	40	<20
V703267		10	0.23	<10	9.09	1335	<1	0.91	331	140	<2	0.01	<5	41	35	<20
V703268		10	0.07	<10	9.75	1440	<1	0.43	374	150	2	0.01	<5	41	30	<20
V703269		10	0.10	<10	9.81	1405	<1	0.43	368	150	2	0.02	<5	43	38	<20
V703270		10	0.14	<10	9.63	1410	<1	0.53	358	150	2	0.02	<5	44	43	<20
V703271		10	0.20	<10	9.48	1410	<1	0.56	346	120	3	0.03	<5	43	49	<20
V703272		10	0.04	<10	9.72	1510	<1	0.17	350	150	<2	<0.01	<5	40	27	<20
V703273		10	0.01	<10	8.38	1355	<1	0.04	305	130	27	0.01	<5	38	37	<20
V703274		10	0.02	<10	10.20	1450	<1	0.15	319	150	4	<0.01	<5	39	25	<20
V703275		10	0.10	10	9.41	1445	1	0.60	353	150	<2	0.01	<5	42	30	<20
V703276		10	0.13	<10	9.17	1490	<1	0.90	322	140	4	0.01	<5	41	42	<20
V703277		10	0.06	<10	7.35	1400	<1	0.45	273	140	81	<0.01	<5	35	48	<20
V703278		10	0.52	<10	8.89	1380	<1	0.93	319	150	3	0.01	<5	43	46	<20
V703279		10	0.18	10	9.59	1455	<1	0.88	359	150	<2	0.01	<5	46	31	<20
V703280		20	2.01	40	2.01	667	3	2.16	49	940	17	0.13	<5	22	435	<20
V703281		10	0.04	10	10.05	1540	<1	0.41	375	140	2	0.01	<5	44	33	<20
V703282		10	0.01	<10	8.70	1290	<1	0.02	310	140	2	<0.01	<5	43	55	<20
V703283		10	<0.01	<10	5.43	1310	<1	0.01	182	100	6	<0.01	<5	30	99	<20
V703284		10	0.20	<10	7.28	1165	<1	1.03	241	140	2	0.01	<5	39	58	<20
V703285		10	0.47	<10	7.83	1285	<1	0.80	262	130	<2	0.02	<5	42	104	<20
V703286		10	0.37	<10	8.07	1295	<1	0.69	270	150	<2	0.03	<5	43	108	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703247		0.51	<10	<10	136	<10	104
V703248		0.15	<10	<10	194	<10	55
V703249		0.22	<10	<10	207	<10	76
V703250		0.30	<10	<10	198	<10	64
V703251		0.33	10	<10	215	<10	99
V703252		0.35	<10	<10	227	<10	89
V703253		0.33	<10	<10	224	<10	99
V703254		0.35	<10	<10	235	<10	80
V703255		0.30	<10	<10	210	<10	72
V703256		0.27	<10	<10	208	<10	74
V703257		0.26	<10	<10	201	<10	111
V703258		0.26	10	<10	207	<10	95
V703259		0.27	<10	<10	210	<10	84
V703260		0.37	<10	<10	141	40	287
V703261		0.24	<10	<10	191	10	62
V703262		0.22	<10	<10	199	<10	63
V703263		0.26	<10	<10	200	<10	84
V703264		0.25	<10	<10	182	<10	81
V703265		0.26	10	<10	199	<10	81
V703266		0.26	<10	<10	201	<10	68
V703267		0.26	<10	<10	194	<10	71
V703268		0.24	<10	<10	188	<10	88
V703269		0.25	<10	<10	197	<10	97
V703270		0.25	<10	<10	199	<10	89
V703271		0.25	<10	<10	197	<10	101
V703272		0.24	<10	<10	188	<10	117
V703273		0.24	<10	<10	178	<10	132
V703274		0.25	10	<10	178	<10	105
V703275		0.26	<10	<10	191	<10	93
V703276		0.26	<10	<10	192	<10	101
V703277		0.25	<10	<10	177	<10	121
V703278		0.28	<10	<10	201	<10	91
V703279		0.28	<10	<10	209	<10	92
V703280		0.53	<10	<10	146	<10	110
V703281		0.26	<10	<10	195	<10	85
V703282		0.27	<10	<10	204	<10	82
V703283		0.18	<10	<10	136	<10	53
V703284		0.24	<10	<10	180	<10	65
V703285		0.26	<10	<10	192	<10	84
V703286		0.27	<10	<10	196	<10	81

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CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703287		3.56	0.005		<0.5	5.95	<5	40	<0.5	3	8.85	<0.5	56	987	148	6.94
V703288		3.66	<0.005		<0.5	5.96	7	50	<0.5	2	8.49	<0.5	54	911	54	6.98
V703289		4.05	<0.005		<0.5	5.84	<5	20	<0.5	5	9.07	<0.5	54	921	86	6.92
V703290		3.84	<0.005		<0.5	5.30	12	40	<0.5	<2	8.25	1.2	60	985	62	7.66
V703291		1.17	<0.005		<0.5	5.42	18	40	<0.5	<2	8.38	26.5	70	965	54	7.59
V703292		3.87	<0.005		<0.5	5.01	14	20	<0.5	<2	8.69	<0.5	63	978	120	7.51
V703293		3.81	<0.005		<0.5	5.28	13	30	<0.5	<2	8.83	<0.5	65	980	126	7.76
V703294		3.44	<0.005		<0.5	5.23	11	20	<0.5	<2	8.45	0.5	62	978	168	7.39
V703295		3.86	<0.005		<0.5	5.35	15	20	<0.5	2	8.85	<0.5	67	956	120	7.82
V703296		3.84	<0.005		<0.5	5.79	16	80	<0.5	<2	8.42	<0.5	54	872	41	7.15
V703297		3.95	<0.005		<0.5	5.82	14	70	<0.5	<2	8.11	<0.5	57	924	60	7.41
V703298		3.80	<0.005		<0.5	5.55	26	70	<0.5	3	8.13	<0.5	63	877	70	7.41
V703299		3.77	<0.005		<0.5	5.43	14	80	<0.5	<2	8.31	<0.5	57	852	62	7.28
V703300		0.11	4.11	4.31	1.1	6.98	32	590	0.8	<2	2.45	0.7	19	66	144	5.17
V703301		2.97	<0.005		<0.5	5.49	19	60	<0.5	<2	8.22	<0.5	54	839	39	7.15
V703302		3.46	<0.005		<0.5	5.37	35	40	<0.5	<2	8.20	<0.5	60	852	168	7.51
V703303		3.82	<0.005		<0.5	5.49	31	60	<0.5	<2	8.37	<0.5	55	801	78	6.82
V703304		1.77	<0.005		<0.5	5.37	74	110	<0.5	<2	7.40	<0.5	60	935	44	7.05
V703305		2.92	<0.005		<0.5	4.71	69	30	<0.5	3	8.83	<0.5	50	772	25	6.39
V703306		3.41	<0.005		<0.5	5.44	93	50	<0.5	<2	7.51	<0.5	51	852	48	7.13
V703307		3.56	<0.005		<0.5	5.54	85	100	<0.5	2	7.00	<0.5	55	856	70	7.12
V703308		3.46	<0.005		<0.5	5.03	93	70	<0.5	<2	8.13	<0.5	50	797	36	6.30
V703309		2.47	<0.005		<0.5	5.13	102	80	<0.5	<2	7.55	<0.5	58	855	70	6.86
V703310		2.44	0.005		<0.5	5.48	101	290	<0.5	<2	7.39	<0.5	57	854	80	7.06
V703311		1.54	0.005		<0.5	4.03	71	120	<0.5	<2	10.25	<0.5	41	646	48	5.47
V703312		3.29	0.006		<0.5	5.25	96	130	<0.5	2	6.78	<0.5	60	892	86	7.12
V703313		3.94	<0.005		<0.5	4.95	48	40	<0.5	<2	7.58	<0.5	59	889	78	7.18
V703314		3.83	<0.005		<0.5	5.20	28	30	<0.5	<2	7.78	<0.5	57	925	69	7.00
V703315		3.94	<0.005		<0.5	5.61	17	50	<0.5	<2	8.29	<0.5	53	831	53	6.88
V703316		3.88	<0.005		<0.5	5.77	15	70	<0.5	<2	8.12	<0.5	53	750	46	6.87
V703317		3.69	<0.005		<0.5	5.88	7	80	<0.5	<2	8.43	<0.5	53	803	109	7.02
V703318		3.76	0.007		<0.5	5.90	7	80	<0.5	<2	8.09	<0.5	52	754	69	6.91
V703319		3.57	0.005		<0.5	5.45	5	40	<0.5	<2	8.61	<0.5	54	834	79	6.82
V703320		0.82	<0.005		<0.5	7.29	<5	1610	1.2	<2	2.46	<0.5	21	96	17	5.59
V703321		3.64	<0.005		<0.5	5.67	8	40	<0.5	<2	8.81	<0.5	55	960	83	7.09
V703322		3.44	<0.005		<0.5	5.23	14	40	<0.5	<2	8.62	<0.5	56	967	130	7.02
V703323		2.51	0.005		<0.5	5.69	32	50	<0.5	<2	7.90	<0.5	54	830	98	6.30
V703324		3.70	<0.005		<0.5	6.00	21	40	<0.5	<2	8.57	<0.5	56	804	90	6.69
V703325		3.58	0.008		<0.5	6.11	20	50	<0.5	<2	8.60	<0.5	52	787	138	6.68
V703326		3.73	0.005		<0.5	6.46	23	50	<0.5	2	8.89	<0.5	57	743	157	6.66

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CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703287		10	0.17	<10	8.18	1230	<1	0.67	272	140	<2	0.04	<5	44	95	<20
V703288		10	0.23	10	8.43	1485	<1	0.96	271	130	<2	0.01	<5	44	83	<20
V703289		10	0.11	10	8.09	1365	<1	0.67	267	140	2	0.01	<5	45	105	<20
V703290		10	0.18	<10	9.19	1515	<1	0.60	319	150	30	0.02	<5	45	60	<20
V703291		10	0.19	<10	8.97	1645	<1	0.66	312	140	527	0.22	7	44	73	<20
V703292		10	0.12	<10	8.91	1460	<1	0.49	326	160	5	0.03	<5	40	106	<20
V703293		10	0.16	10	9.27	1485	<1	0.39	344	160	4	0.04	<5	45	89	<20
V703294		10	0.11	10	8.97	1485	<1	0.41	311	170	<2	0.03	<5	43	83	<20
V703295		10	0.13	<10	9.28	1505	<1	0.49	332	170	3	0.03	<5	46	93	<20
V703296		10	0.38	<10	8.43	1390	<1	0.87	276	170	<2	0.01	<5	45	99	<20
V703297		10	0.36	10	8.67	1480	<1	1.01	273	150	<2	0.01	<5	45	70	<20
V703298		10	0.35	10	8.37	1405	<1	0.82	288	160	3	0.01	<5	42	63	<20
V703299		10	0.38	<10	8.64	1410	<1	0.76	295	160	<2	0.01	<5	44	67	<20
V703300		20	1.09	10	1.50	862	7	2.18	40	740	43	0.15	9	16	269	<20
V703301		10	0.27	10	8.34	1400	<1	0.79	274	130	2	<0.01	<5	44	72	<20
V703302		10	0.20	<10	8.66	1365	<1	0.58	310	160	<2	0.02	<5	41	100	<20
V703303		10	0.25	10	7.82	1310	<1	0.97	261	130	<2	0.01	<5	39	100	<20
V703304		10	0.39	10	8.61	1340	<1	1.34	302	140	<2	0.01	<5	43	34	<20
V703305		10	0.14	<10	7.69	1325	<1	0.55	245	110	5	<0.01	<5	38	34	<20
V703306		10	0.22	<10	8.26	1395	<1	0.40	276	150	<2	0.01	<5	43	42	<20
V703307		10	0.48	<10	8.23	1335	<1	0.91	270	160	<2	0.01	<5	42	32	<20
V703308		10	0.37	10	7.24	1325	<1	0.69	235	130	2	0.01	<5	39	46	<20
V703309		10	0.41	10	8.16	1325	<1	1.02	278	140	<2	0.01	<5	41	32	<20
V703310		10	1.34	<10	8.82	1450	<1	0.47	285	150	<2	0.01	<5	43	22	<20
V703311		10	0.57	<10	6.00	1215	1	0.08	209	120	3	<0.01	<5	30	38	<20
V703312		10	0.60	<10	8.47	1320	<1	1.00	304	130	<2	0.02	<5	42	25	<20
V703313		10	0.22	<10	8.49	1345	<1	0.82	306	150	<2	0.04	<5	39	80	<20
V703314		10	0.18	<10	8.22	1345	<1	0.70	291	140	2	0.03	<5	40	112	<20
V703315		10	0.24	<10	7.73	1355	<1	0.79	267	150	<2	0.03	<5	41	114	<20
V703316		10	0.35	<10	7.59	1355	<1	0.83	247	170	<2	0.02	<5	41	113	<20
V703317		10	0.39	<10	7.78	1255	<1	0.77	256	170	<2	0.05	<5	44	110	<20
V703318		10	0.37	10	7.59	1270	<1	0.93	248	150	2	0.05	6	42	102	<20
V703319		10	0.18	<10	7.63	1350	<1	0.74	252	150	<2	0.04	<5	40	121	<20
V703320		20	2.10	30	2.01	605	<1	2.09	44	1010	15	0.05	<5	16	526	<20
V703321		10	0.20	<10	8.05	1315	<1	0.66	260	150	2	0.05	<5	44	125	<20
V703322		10	0.18	<10	8.18	1300	<1	0.66	278	130	<2	0.04	<5	43	101	<20
V703323		10	0.23	<10	7.50	1275	<1	1.16	237	140	<2	0.01	<5	41	68	<20
V703324		10	0.15	<10	7.85	1300	<1	0.87	285	150	<2	0.01	<5	38	124	<20
V703325		10	0.20	<10	7.86	1320	<1	0.76	275	150	<2	0.02	<5	40	125	<20
V703326		10	0.23	<10	7.52	1325	<1	0.78	262	140	<2	0.03	<5	39	144	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703287		0.26	<10	<10	196	<10	63
V703288		0.26	<10	<10	197	<10	82
V703289		0.26	<10	<10	206	<10	83
V703290		0.28	<10	<10	209	<10	219
V703291		0.28	<10	<10	206	<10	4050
V703292		0.27	<10	<10	206	<10	108
V703293		0.28	<10	<10	211	<10	102
V703294		0.26	<10	<10	202	<10	107
V703295		0.28	<10	<10	215	<10	97
V703296		0.29	<10	<10	216	<10	71
V703297		0.29	<10	<10	218	<10	87
V703298		0.29	<10	<10	210	<10	79
V703299		0.28	<10	<10	209	<10	77
V703300		0.37	<10	<10	138	40	290
V703301		0.29	<10	<10	213	<10	68
V703302		0.28	<10	<10	208	<10	68
V703303		0.25	<10	<10	187	<10	61
V703304		0.27	<10	<10	206	<10	62
V703305		0.25	<10	<10	177	<10	70
V703306		0.29	<10	<10	204	<10	77
V703307		0.28	<10	<10	202	<10	67
V703308		0.26	<10	<10	189	<10	66
V703309		0.27	<10	10	199	<10	69
V703310		0.28	<10	<10	203	<10	71
V703311		0.20	<10	<10	147	<10	70
V703312		0.28	<10	<10	203	<10	86
V703313		0.27	<10	<10	194	<10	70
V703314		0.27	<10	<10	201	<10	73
V703315		0.27	<10	<10	202	<10	77
V703316		0.28	<10	<10	207	<10	67
V703317		0.29	<10	<10	213	<10	59
V703318		0.29	<10	10	210	<10	63
V703319		0.27	<10	<10	204	<10	97
V703320		0.50	<10	<10	143	<10	126
V703321		0.28	<10	<10	208	<10	92
V703322		0.27	<10	<10	202	<10	79
V703323		0.25	<10	<10	183	<10	64
V703324		0.25	<10	<10	185	<10	75
V703325		0.25	<10	<10	183	<10	87
V703326		0.25	<10	<10	181	<10	97

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703327		1.20	0.005		<0.5	6.55	30	30	<0.5	<2	7.97	<0.5	52	729	141	6.73
V703328		3.70	<0.005		<0.5	6.59	28	40	<0.5	5	8.40	0.6	52	666	183	6.76
V703329		3.46	0.005		<0.5	7.02	49	60	<0.5	<2	8.27	<0.5	55	620	189	6.60
V703330		1.84	<0.005		<0.5	7.06	37	60	<0.5	<2	8.12	<0.5	47	597	181	6.47
V703331		3.06	0.009		<0.5	6.30	25	10	<0.5	<2	7.74	<0.5	42	549	128	5.98
V703332		1.16	<0.005		<0.5	6.56	43	10	<0.5	<2	6.77	<0.5	46	374	273	5.76
V703333		3.22	0.036		<0.5	6.60	137	60	<0.5	<2	7.69	<0.5	60	350	386	6.14
V703334		1.79	0.005		<0.5	7.03	189	160	<0.5	<2	7.39	<0.5	63	335	359	6.16
V703335		3.07	0.010		<0.5	6.73	211	210	<0.5	<2	7.77	<0.5	52	300	274	5.69
V703336		1.04	0.005		<0.5	7.12	130	120	<0.5	<2	6.84	<0.5	56	333	296	5.96
V703337		2.28	0.007		<0.5	6.97	17	110	<0.5	<2	7.73	<0.5	51	294	351	5.47
V703338		2.23	0.009		<0.5	7.10	<5	150	<0.5	<2	7.26	<0.5	46	312	256	5.53
V703339		2.37	0.010		<0.5	7.02	14	30	<0.5	<2	6.47	<0.5	55	372	464	6.03
V703340		0.11	4.37	3.90	0.8	6.80	30	570	0.8	4	2.37	0.8	18	64	141	5.03
V703341		1.09	0.008		<0.5	7.58	20	10	<0.5	<2	7.48	<0.5	41	344	209	5.93
V703342		2.40	0.009		<0.5	7.18	139	40	<0.5	<2	7.43	<0.5	53	296	282	5.83
V703343		3.74	0.006		<0.5	7.96	65	10	<0.5	<2	8.25	<0.5	51	301	263	6.25
V703344		3.64	0.006		<0.5	7.74	83	20	<0.5	<2	7.94	<0.5	59	325	330	6.37
V703345		2.47	<0.005		<0.5	7.01	84	40	<0.5	<2	7.74	<0.5	51	309	157	5.77
V703346		0.84	<0.005		<0.5	7.33	28	20	<0.5	3	6.34	<0.5	41	248	135	5.71
V703347		3.85	<0.005		<0.5	7.38	47	30	<0.5	<2	8.05	<0.5	53	314	361	5.97
V703348		3.45	<0.005		<0.5	7.61	41	70	<0.5	6	7.90	<0.5	52	341	410	5.66
V703349		2.99	<0.005		<0.5	7.55	7	50	<0.5	<2	8.31	<0.5	49	333	206	5.84
V703350		1.24	0.006		<0.5	7.25	6	90	<0.5	<2	7.87	<0.5	58	336	422	6.01
V703351		3.10	<0.005		<0.5	7.59	5	60	<0.5	<2	8.18	<0.5	56	338	318	6.11
V703352		3.66	0.005		<0.5	7.62	94	100	<0.5	<2	7.45	<0.5	64	280	503	6.25
V703353		3.23	<0.005		<0.5	6.81	82	140	<0.5	<2	8.28	<0.5	45	261	46	5.27
V703354		2.52	<0.005		<0.5	6.68	88	120	<0.5	<2	7.14	<0.5	55	297	140	6.40
V703355		1.45	<0.005		<0.5	6.84	56	350	0.7	<2	13.50	<0.5	31	75	82	4.90
V703356		2.26	<0.005		<0.5	8.19	77	330	1.0	2	9.47	<0.5	41	56	35	6.40
V703357		2.16	<0.005		<0.5	6.89	51	300	0.8	<2	13.95	<0.5	33	20	18	5.59
V703358		2.11	<0.005		<0.5	7.94	59	260	0.8	<2	6.35	<0.5	39	25	40	6.78
V703359		2.16	0.006		<0.5	7.80	58	320	0.8	<2	11.05	<0.5	43	24	25	6.86
V703360		0.65	<0.005		<0.5	7.31	<5	1020	1.1	<2	2.21	<0.5	23	108	70	6.12
V703361		2.35	<0.005		<0.5	7.30	46	140	<0.5	<2	6.85	<0.5	39	22	111	6.13
V703362		2.65	<0.005		<0.5	7.97	43	330	0.7	<2	7.49	<0.5	39	22	4	6.66
V703363		2.50	<0.005		<0.5	7.88	36	90	<0.5	<2	7.42	<0.5	41	23	52	6.44
V703364		1.61	0.961		<0.5	7.17	39	160	<0.5	3	9.14	<0.5	39	18	141	6.15
V703365		3.76	0.008		<0.5	7.85	21	80	<0.5	<2	8.09	<0.5	41	17	264	6.64
V703366		3.75	<0.005		<0.5	7.60	10	30	<0.5	<2	7.92	<0.5	43	19	176	6.66

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CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703327		10	0.14	<10	7.29	1330	<1	1.06	260	150	2	0.02	<5	37	109	<20
V703328		10	0.18	<10	7.23	1235	<1	1.17	278	160	7	0.05	<5	36	156	<20
V703329		10	0.25	<10	6.76	1170	<1	1.32	242	150	<2	0.06	<5	37	161	<20
V703330		10	0.18	<10	6.34	1155	<1	1.61	219	140	<2	0.14	<5	38	141	<20
V703331		10	0.02	<10	6.23	1165	<1	1.05	211	150	<2	0.05	<5	34	81	<20
V703332		10	0.02	<10	5.96	1090	<1	1.42	206	130	<2	0.05	<5	32	84	<20
V703333		10	0.25	<10	6.82	1165	<1	0.57	322	110	<2	0.05	<5	28	102	<20
V703334		10	0.81	<10	6.79	1070	<1	0.06	303	120	2	0.04	<5	28	93	<20
V703335		10	1.81	<10	5.58	1040	<1	0.06	225	80	<2	0.04	<5	27	65	<20
V703336		10	0.94	<10	6.41	968	<1	0.37	244	110	<2	0.03	<5	26	71	<20
V703337		10	0.73	<10	5.89	995	<1	0.72	283	110	<2	0.12	<5	25	78	<20
V703338		10	0.97	<10	5.94	1005	<1	0.59	271	120	<2	0.06	<5	24	73	<20
V703339		10	0.13	<10	6.21	1080	<1	0.97	346	170	<2	0.11	<5	22	81	<20
V703340		20	1.06	10	1.45	839	7	2.14	38	720	45	0.14	<5	16	264	<20
V703341		10	0.02	<10	6.24	1130	<1	0.65	254	150	4	0.04	<5	27	88	<20
V703342		10	0.13	<10	5.96	1070	<1	1.06	257	140	<2	0.04	<5	24	68	<20
V703343		10	0.05	<10	6.34	1095	<1	0.83	253	170	5	0.06	<5	25	110	<20
V703344		10	0.11	<10	6.59	1110	<1	0.96	306	160	<2	0.12	<5	26	109	<20
V703345		10	0.20	<10	5.91	1160	<1	0.90	233	110	<2	0.05	<5	24	105	<20
V703346		10	0.07	10	5.30	1170	<1	1.96	151	120	<2	0.21	<5	24	87	<20
V703347		10	0.15	<10	6.27	1130	1	0.72	279	140	<2	0.09	<5	25	121	<20
V703348		10	0.33	<10	5.87	1050	<1	0.83	314	140	<2	0.12	<5	26	109	<20
V703349		10	0.24	<10	6.04	1135	<1	0.75	231	130	<2	0.08	<5	28	125	<20
V703350		10	0.41	<10	6.11	1150	<1	0.65	334	140	<2	0.19	<5	26	108	<20
V703351		10	0.31	<10	6.27	1265	<1	0.74	307	130	<2	0.13	<5	27	128	<20
V703352		10	0.50	<10	6.53	1170	<1	0.89	345	120	<2	0.12	<5	25	122	<20
V703353		10	0.62	<10	5.50	1095	<1	0.96	188	110	<2	0.01	5	26	90	<20
V703354		10	0.51	<10	7.29	1285	<1	0.80	254	130	2	0.01	<5	26	98	<20
V703355		10	1.52	<10	3.49	1330	<1	0.71	91	130	<2	0.07	<5	24	62	<20
V703356		20	1.31	<10	3.98	1540	<1	1.70	86	130	<2	0.04	<5	28	56	<20
V703357		20	1.18	<10	3.32	1875	<1	1.21	52	140	<2	0.03	<5	32	116	<20
V703358		20	0.95	<10	4.46	1360	<1	2.07	77	260	<2	0.01	<5	34	43	<20
V703359		20	1.21	<10	4.22	1740	<1	1.34	71	140	<2	0.10	<5	42	120	<20
V703360		20	1.99	40	2.03	704	1	2.00	54	880	17	0.15	<5	24	373	<20
V703361		10	0.53	<10	4.54	1170	<1	1.66	65	140	<2	0.02	<5	35	100	<20
V703362		20	1.29	<10	4.83	1480	<1	1.49	77	150	<2	<0.01	<5	36	64	<20
V703363		20	0.37	<10	4.72	1210	<1	1.74	73	140	<2	0.02	<5	34	188	<20
V703364		20	0.63	<10	3.82	1235	<1	1.00	60	150	<2	0.03	<5	32	100	<20
V703365		20	0.35	<10	4.38	1205	<1	1.27	69	150	<2	0.06	<5	40	145	<20
V703366		10	0.13	<10	4.45	1230	<1	1.35	70	160	2	0.03	5	34	168	<20

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CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703327		0.26	<10	<10	183	<10	92
V703328		0.27	<10	<10	193	<10	72
V703329		0.26	<10	<10	193	<10	65
V703330		0.27	<10	<10	190	<10	78
V703331		0.24	<10	<10	170	<10	70
V703332		0.18	<10	<10	159	<10	61
V703333		0.09	<10	<10	138	<10	74
V703334		0.11	<10	<10	139	<10	77
V703335		0.12	<10	<10	127	<10	62
V703336		0.13	<10	<10	130	<10	66
V703337		0.10	<10	<10	128	<10	54
V703338		0.15	<10	<10	132	<10	57
V703339		0.21	<10	<10	149	<10	69
V703340		0.36	<10	<10	136	40	281
V703341		0.21	<10	<10	149	<10	78
V703342		0.21	<10	<10	148	<10	69
V703343		0.23	<10	<10	152	<10	68
V703344		0.22	<10	<10	152	<10	64
V703345		0.19	<10	<10	139	<10	68
V703346		0.25	<10	<10	109	<10	81
V703347		0.21	<10	<10	147	<10	74
V703348		0.21	<10	<10	145	<10	61
V703349		0.22	<10	<10	151	<10	73
V703350		0.21	<10	<10	149	<10	75
V703351		0.21	<10	<10	153	<10	80
V703352		0.21	<10	<10	148	<10	73
V703353		0.18	<10	<10	132	<10	59
V703354		0.21	<10	<10	151	<10	74
V703355		0.21	<10	<10	146	<10	58
V703356		0.26	<10	<10	185	<10	77
V703357		0.22	<10	<10	169	<10	60
V703358		0.27	<10	<10	216	<10	70
V703359		0.27	<10	<10	198	<10	62
V703360		0.55	<10	<10	160	<10	115
V703361		0.25	<10	<10	182	<10	47
V703362		0.27	<10	<10	197	<10	76
V703363		0.26	<10	<10	188	<10	52
V703364		0.23	<10	<10	186	<10	59
V703365		0.29	<10	<10	200	<10	56
V703366		0.28	<10	<10	197	<10	58

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CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703367		3.46	0.005		<0.5	7.25	17	50	<0.5	<2	7.86	<0.5	40	20	152	6.31
V703368		1.06	0.005		<0.5	7.62	13	110	<0.5	<2	7.35	<0.5	34	18	55	5.99
V703369		3.41	<0.005		<0.5	7.74	10	70	<0.5	<2	7.73	<0.5	42	18	104	6.63
V703370		3.87	0.005		<0.5	7.72	8	120	<0.5	<2	7.65	<0.5	37	19	32	6.17
V703371		2.50	<0.005		<0.5	7.34	10	90	<0.5	<2	7.20	<0.5	39	19	88	6.30
V703372		3.55	<0.005		<0.5	7.26	12	160	<0.5	<2	7.07	<0.5	37	18	54	6.36
V703373		3.61	0.006		<0.5	8.42	<5	50	<0.5	<2	8.85	<0.5	42	21	174	6.88
V703374		1.14	<0.005		<0.5	7.81	6	50	<0.5	<2	8.39	<0.5	37	19	88	6.07
V703375		3.40	0.005		<0.5	7.44	5	60	<0.5	<2	7.93	<0.5	42	22	97	6.52
V703376		3.65	<0.005		<0.5	7.50	<5	90	<0.5	<2	7.70	<0.5	43	19	220	6.54
V703377		2.01	0.006		<0.5	7.90	7	80	<0.5	<2	7.83	<0.5	43	19	130	6.59
V703378		3.66	<0.005		<0.5	8.24	31	80	<0.5	<2	6.93	<0.5	43	19	56	6.54
V703379		3.76	<0.005		<0.5	7.98	42	100	<0.5	2	7.71	<0.5	43	20	174	6.76
V703380		0.12	4.09	4.03	0.7	6.71	31	570	0.8	<2	2.37	0.5	17	60	141	5.02
V703381		3.69	<0.005		<0.5	7.38	49	40	<0.5	<2	7.94	<0.5	40	17	84	6.27
V703382		3.16	<0.005		<0.5	7.77	53	80	<0.5	<2	7.53	<0.5	41	17	62	6.52
V703383		2.76	<0.005		<0.5	6.54	59	100	<0.5	<2	7.50	<0.5	32	16	40	5.50
V703384		3.61	<0.005		<0.5	7.12	48	80	<0.5	<2	7.59	<0.5	39	17	59	5.96
V703385		3.68	0.010		<0.5	7.36	52	60	<0.5	<2	8.00	<0.5	44	17	265	6.29
V703386		2.68	0.006		<0.5	7.78	41	40	<0.5	<2	7.67	<0.5	39	23	202	6.47
V703387		3.67	0.007		<0.5	7.04	47	70	<0.5	2	7.90	<0.5	41	18	232	6.49
V703388		3.57	0.007		<0.5	6.66	36	70	<0.5	<2	7.09	0.5	36	18	229	5.83
V703389		0.83	0.010		<0.5	7.38	38	30	<0.5	<2	6.70	<0.5	38	18	229	6.18
V703390		2.96	0.007		<0.5	7.50	35	50	<0.5	<2	8.43	<0.5	38	19	232	6.32
V703391		0.93	<0.005		<0.5	7.40	19	60	<0.5	7	8.18	0.5	34	14	66	5.99
V703392		2.53	0.009		<0.5	7.96	18	70	<0.5	<2	8.12	<0.5	40	19	256	6.54
V703393		3.76	0.006		<0.5	7.65	20	70	<0.5	<2	8.23	<0.5	41	18	163	6.54
V703394		3.64	0.076		<0.5	6.95	29	120	<0.5	<2	7.45	<0.5	44	17	255	6.57
V703395		2.59	0.005		<0.5	7.29	28	110	<0.5	<2	7.15	<0.5	44	17	159	6.60

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
29- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703367		10	0.22	<10	4.40	1230	<1	1.30	71	140	3	0.04	<5	36	163	<20
V703368		20	0.44	<10	4.27	1070	<1	1.48	67	140	<2	0.01	<5	37	166	<20
V703369		20	0.29	<10	4.68	1200	<1	1.28	74	150	<2	0.03	<5	40	175	<20
V703370		20	0.52	<10	4.56	1290	<1	1.26	66	150	<2	<0.01	5	37	157	<20
V703371		10	0.41	<10	4.40	1120	<1	1.20	64	140	<2	0.02	<5	37	130	<20
V703372		10	0.74	<10	4.90	1230	<1	1.38	74	100	<2	0.04	<5	39	100	<20
V703373		20	0.22	<10	4.95	1290	<1	0.96	73	160	4	0.03	<5	41	129	<20
V703374		20	0.23	10	4.26	1120	<1	0.62	62	160	2	0.02	7	36	118	<20
V703375		10	0.28	<10	4.59	1150	<1	1.20	75	150	<2	0.06	<5	34	132	<20
V703376		10	0.40	<10	4.56	1125	<1	1.15	70	140	2	0.08	<5	37	124	<20
V703377		20	0.36	<10	4.64	1185	<1	1.29	68	160	2	0.07	<5	38	123	<20
V703378		10	0.38	<10	4.71	1260	<1	1.72	72	160	3	0.01	<5	38	96	<20
V703379		10	0.48	<10	4.73	1215	<1	1.20	70	150	<2	0.06	<5	38	123	<20
V703380		10	1.05	10	1.44	840	8	2.13	38	710	46	0.14	<5	15	265	<20
V703381		10	0.16	<10	4.60	1295	<1	1.72	75	200	<2	0.03	<5	37	109	<20
V703382		20	0.41	<10	4.72	1300	<1	1.39	75	160	<2	0.06	<5	38	125	<20
V703383		10	0.48	<10	3.80	1120	1	1.11	63	160	3	0.05	<5	30	84	<20
V703384		10	0.38	<10	4.44	1215	1	1.43	76	160	<2	0.03	<5	35	106	<20
V703385		20	0.31	<10	4.13	1145	<1	1.12	72	130	2	0.06	<5	31	111	<20
V703386		10	0.17	<10	4.17	1250	<1	1.23	70	170	<2	0.09	5	33	123	<20
V703387		20	0.35	<10	4.33	1230	<1	1.15	76	140	<2	0.06	<5	32	105	<20
V703388		10	0.38	<10	3.92	1080	<1	1.00	63	130	2	0.08	<5	33	82	<20
V703389		10	0.18	<10	4.15	1135	<1	1.35	70	110	<2	0.08	<5	35	101	<20
V703390		20	0.28	<10	4.29	1130	<1	1.04	71	140	<2	0.09	<5	36	107	<20
V703391		10	0.29	<10	4.15	1215	<1	1.13	73	140	659	0.07	<5	33	105	<20
V703392		20	0.37	<10	4.40	1130	<1	1.11	72	150	2	0.10	<5	38	113	<20
V703393		20	0.37	<10	4.28	1220	<1	1.08	73	170	<2	0.07	5	34	112	<20
V703394		10	0.57	<10	4.41	1200	<1	1.11	76	140	3	0.10	<5	32	100	<20
V703395		20	0.47	<10	4.60	1180	<1	1.49	77	140	2	0.09	<5	36	135	<20

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CERTIFICAT D'ANALYSE VO17162428

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703367		0.27	<10	<10	196	<10	46
V703368		0.30	<10	<10	181	<10	43
V703369		0.28	<10	10	199	<10	49
V703370		0.28	<10	<10	195	<10	54
V703371		0.27	<10	<10	189	<10	49
V703372		0.28	<10	<10	194	<10	60
V703373		0.29	<10	<10	202	<10	61
V703374		0.28	<10	<10	184	<10	50
V703375		0.28	<10	<10	199	<10	50
V703376		0.27	<10	10	194	<10	41
V703377		0.28	<10	<10	198	<10	52
V703378		0.29	<10	<10	198	<10	68
V703379		0.27	<10	<10	193	<10	57
V703380		0.36	<10	<10	134	40	280
V703381		0.27	<10	<10	207	<10	51
V703382		0.29	<10	<10	206	<10	43
V703383		0.24	<10	<10	171	<10	41
V703384		0.26	<10	<10	193	<10	46
V703385		0.25	<10	<10	190	<10	54
V703386		0.27	<10	<10	185	<10	68
V703387		0.27	<10	<10	202	<10	63
V703388		0.24	<10	<10	173	<10	52
V703389		0.25	<10	10	188	<10	56
V703390		0.26	<10	<10	198	<10	54
V703391		0.25	<10	<10	197	<10	262
V703392		0.27	<10	<10	198	<10	46
V703393		0.28	<10	<10	198	<10	62
V703394		0.27	<10	<10	193	<10	69
V703395		0.29	<10	<10	203	<10	63

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29- AOUT- 2017
Compte: MIDEXP

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CERTIFICAT D'ANALYSE VO17162428

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	BAG- 01	CRU- 32	CRU- QC	LOG- 22
	LOG- 24	PUL- 32	PUL- QC	SPL- 21
	WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 12- SEPT- 2017
Compte: MIDEXP

CERTIFICAT VO17164973

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 200 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2017.

Les résultats sont transmis à:

MARIO MASSON	RICHARD ST- CYR	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

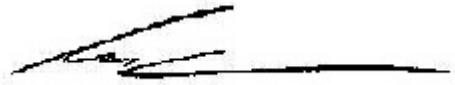
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 12- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703565		3.39	<0.005		<0.5	6.71	<5	80	1.1	<2	3.71	<0.5	11	10	10	8.95
V703566		0.90	0.019		<0.5	6.29	652	80	1.1	3	3.65	<0.5	9	5	20	8.83
V703567		2.18	<0.005		<0.5	6.25	10	130	1.1	<2	2.84	<0.5	11	10	8	9.23
V703568		2.39	<0.005		<0.5	6.20	<5	100	1.2	<2	2.86	<0.5	7	9	4	8.00
V703569		1.64	0.012		<0.5	6.36	<5	270	1.4	<2	3.58	<0.5	8	9	8	9.97
V703570		1.43	0.049		<0.5	5.87	1115	210	1.1	<2	2.93	<0.5	8	5	7	9.98
V703571		2.78	0.006		<0.5	6.15	9	280	1.2	<2	3.70	<0.5	7	8	4	9.93
V703572		0.80	0.013		<0.5	5.46	194	200	1.1	2	3.17	<0.5	5	5	3	7.69
V703573		2.45	<0.005		<0.5	5.61	9	90	1.1	<2	2.75	<0.5	8	5	5	8.05
V703574		3.02	0.012		<0.5	5.83	<5	100	1.0	<2	2.87	<0.5	9	7	12	8.64
V703575		2.43	0.009		<0.5	5.59	111	220	1.1	<2	2.89	<0.5	7	7	3	8.05
V703576		2.00	0.183		<0.5	5.88	457	260	1.1	<2	3.31	<0.5	7	10	5	7.78
V703577		2.11	<0.005		<0.5	6.20	<5	130	1.0	<2	2.54	<0.5	7	8	3	7.54
V703578		0.53	<0.005		<0.5	6.00	<5	160	0.8	<2	3.28	<0.5	8	6	18	8.70
V703579		0.81	0.108		<0.5	6.01	1440	130	0.6	<2	3.55	<0.5	8	5	13	9.14
V703580		0.11	4.02	3.98	0.9	7.15	29	610	0.8	2	2.48	0.9	19	63	155	5.24
V703581		2.26	0.010		<0.5	6.21	236	80	1.7	<2	4.35	<0.5	7	10	1	7.25
V703582		3.20	<0.005		<0.5	6.17	7	130	1.2	<2	3.32	<0.5	8	9	1	7.95
V703583		3.19	<0.005		<0.5	6.10	<5	40	0.9	<2	4.30	<0.5	6	9	<1	6.51
V703584		3.52	<0.005		<0.5	5.82	<5	30	1.0	<2	3.67	<0.5	7	6	<1	5.66
V703585		3.55	<0.005		<0.5	5.87	11	30	1.0	<2	3.74	<0.5	8	7	1	5.19
V703586		3.49	<0.005		<0.5	6.64	<5	40	1.5	<2	4.64	<0.5	8	6	3	6.70
V703587		2.38	<0.005		<0.5	5.84	<5	70	0.8	<2	4.16	<0.5	6	4	6	7.63
V703588		1.26	0.026		<0.5	5.93	306	30	0.8	<2	4.10	<0.5	11	4	3	8.56
V703589		2.29	<0.005		<0.5	5.84	<5	30	0.9	<2	3.28	<0.5	6	4	1	5.95
V703590		2.35	<0.005		<0.5	5.71	<5	40	0.9	<2	3.54	<0.5	6	4	2	6.60
V703591		1.79	<0.005		<0.5	5.64	<5	70	0.8	<2	3.37	<0.5	8	4	4	8.04
V703592		0.83	0.006		<0.5	5.57	101	50	0.9	<2	3.54	<0.5	7	4	5	7.86
V703593		2.05	<0.005		<0.5	5.82	<5	40	0.9	<2	3.86	<0.5	6	5	2	7.74
V703594		3.67	<0.005		<0.5	6.01	<5	40	1.0	<2	3.57	<0.5	7	5	2	6.62
V703595		3.00	<0.005		<0.5	6.17	<5	60	1.0	<2	3.52	<0.5	7	5	7	6.50
V703596		3.23	<0.005		<0.5	5.89	<5	30	1.1	<2	4.36	<0.5	7	12	1	6.01
V703597		3.57	<0.005		<0.5	6.08	<5	50	1.1	<2	3.89	<0.5	6	9	<1	5.70
V703598		3.55	<0.005		<0.5	6.22	<5	60	1.6	<2	3.77	<0.5	6	10	8	5.92
V703599		3.61	<0.005		<0.5	6.07	<5	80	1.2	<2	4.82	<0.5	6	8	1	5.67
V703600		1.01	<0.005		<0.5	7.42	<5	1200	1.0	<2	2.40	<0.5	23	109	33	6.07
V703601		2.05	<0.005		<0.5	6.22	<5	70	1.3	<2	4.55	<0.5	6	9	<1	6.26
V703602		1.74	<0.005		<0.5	6.33	<5	70	1.0	<2	4.42	<0.5	7	6	<1	6.77
V703603		0.81	0.016		<0.5	5.75	222	40	3.1	<2	5.08	<0.5	6	5	1	5.31
V703604		1.40	<0.005		<0.5	6.49	<5	40	1.1	<2	3.68	<0.5	6	5	16	5.86

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 12- SEPT- 2017
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703565		30	0.12	20	0.91	1605	<1	2.36	<1	1190	2	0.13	<5	27	92	<20
V703566		20	0.11	20	0.71	1400	<1	2.63	<1	1120	<2	0.34	6	25	82	<20
V703567		20	0.20	20	0.70	1440	<1	2.39	<1	1110	<2	0.14	<5	26	89	<20
V703568		20	0.15	20	0.72	1340	<1	2.65	<1	980	<2	0.08	<5	23	87	<20
V703569		20	0.39	20	0.45	1750	<1	2.61	<1	1090	2	0.26	<5	22	153	<20
V703570		20	0.30	20	0.47	1590	<1	2.67	<1	1220	2	0.24	<5	23	102	<20
V703571		20	0.41	20	0.39	1745	<1	2.69	<1	1300	<2	0.11	<5	27	126	<20
V703572		20	0.27	20	0.31	1380	<1	2.56	<1	890	<2	0.11	<5	22	104	<20
V703573		20	0.15	20	0.62	1495	<1	2.42	<1	950	<2	0.14	<5	20	61	<20
V703574		20	0.14	10	0.67	1660	<1	2.45	<1	1180	<2	0.26	<5	25	74	<20
V703575		20	0.30	20	0.36	1475	<1	2.60	<1	860	<2	0.09	5	23	115	<20
V703576		20	0.36	20	0.31	1420	<1	2.76	<1	800	2	0.16	<5	22	133	<20
V703577		20	0.19	20	0.59	1290	1	2.93	<1	910	<2	0.06	<5	22	86	<20
V703578		20	0.25	20	0.55	1360	<1	2.44	<1	890	<2	0.34	5	22	110	<20
V703579		20	0.21	10	0.65	1360	1	2.44	<1	1180	2	0.32	<5	24	98	<20
V703580		20	1.12	10	1.53	898	7	2.24	42	790	47	0.14	10	16	276	<20
V703581		20	0.14	20	0.59	1440	1	2.41	<1	1090	<2	0.03	6	25	159	<20
V703582		20	0.22	10	0.62	1455	<1	2.47	<1	1020	<2	0.02	5	27	116	<20
V703583		20	0.09	10	0.74	1220	<1	1.81	<1	940	<2	<0.01	<5	24	106	<20
V703584		20	0.12	10	0.97	1200	<1	2.18	<1	930	<2	<0.01	<5	25	72	<20
V703585		20	0.17	20	1.02	1100	<1	2.43	2	1080	3	<0.01	<5	25	58	<20
V703586		20	0.08	10	0.91	1610	<1	2.58	<1	1070	3	0.02	5	26	94	<20
V703587		20	0.11	10	0.83	1450	1	1.91	<1	1140	<2	0.08	<5	25	90	<20
V703588		20	0.06	10	1.21	1620	<1	2.32	<1	1490	<2	0.04	<5	28	62	<20
V703589		20	0.08	10	1.13	1300	<1	2.64	<1	1140	4	<0.01	<5	25	53	<20
V703590		20	0.08	10	0.79	1340	1	2.45	<1	990	<2	0.02	<5	24	65	<20
V703591		20	0.12	10	0.53	1310	<1	2.54	<1	1000	<2	0.12	<5	24	67	<20
V703592		20	0.09	10	0.47	1265	<1	2.62	<1	910	<2	0.14	<5	23	66	<20
V703593		20	0.09	10	0.56	1310	<1	2.62	<1	990	2	0.06	<5	23	70	<20
V703594		20	0.11	10	1.04	1320	1	2.38	<1	1210	<2	0.02	<5	27	65	<20
V703595		20	0.13	20	0.88	1235	<1	2.61	<1	940	3	0.08	<5	24	67	<20
V703596		20	0.15	20	0.85	1235	<1	1.88	<1	790	<2	0.01	<5	18	101	<20
V703597		20	0.27	10	1.02	1195	1	2.64	<1	970	<2	<0.01	<5	23	94	<20
V703598		20	0.37	10	1.26	1375	<1	2.76	<1	1270	<2	<0.01	5	24	80	<20
V703599		20	0.45	10	0.90	1420	<1	2.19	<1	1210	<2	<0.01	<5	26	81	<20
V703600		20	2.07	30	1.99	703	<1	2.11	57	990	16	0.07	5	20	465	<20
V703601		20	0.37	10	0.91	1600	<1	2.33	<1	1270	3	<0.01	<5	27	102	<20
V703602		20	0.30	10	0.99	1625	<1	2.34	1	1360	2	<0.01	<5	25	77	<20
V703603		20	0.09	10	0.76	1925	<1	2.57	<1	970	<2	0.01	<5	24	69	<20
V703604		20	0.20	10	0.94	1275	<1	2.91	<1	1150	2	0.01	<5	23	78	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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Finalisée date: 12- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703565		0.51	<10	<10	1	<10	56
V703566		0.50	<10	<10	1	<10	60
V703567		0.50	<10	<10	<1	<10	63
V703568		0.46	<10	<10	<1	<10	52
V703569		0.47	<10	<10	<1	<10	73
V703570		0.51	<10	<10	1	<10	80
V703571		0.59	<10	<10	<1	<10	84
V703572		0.45	<10	<10	<1	<10	65
V703573		0.40	<10	<10	<1	<10	60
V703574		0.51	<10	<10	<1	<10	66
V703575		0.45	<10	<10	<1	<10	72
V703576		0.43	<10	<10	<1	<10	67
V703577		0.42	10	<10	<1	<10	52
V703578		0.41	<10	<10	<1	<10	56
V703579		0.51	<10	<10	1	<10	57
V703580		0.37	<10	<10	148	40	301
V703581		0.50	<10	<10	<1	<10	49
V703582		0.48	<10	<10	<1	<10	51
V703583		0.43	<10	<10	<1	<10	36
V703584		0.45	10	<10	<1	<10	33
V703585		0.46	<10	<10	4	<10	32
V703586		0.49	<10	<10	<1	<10	41
V703587		0.50	<10	<10	<1	<10	41
V703588		0.61	<10	<10	<1	<10	50
V703589		0.52	<10	<10	<1	<10	36
V703590		0.47	<10	<10	<1	<10	37
V703591		0.48	<10	<10	<1	<10	44
V703592		0.42	<10	<10	<1	<10	41
V703593		0.44	<10	<10	<1	<10	40
V703594		0.57	<10	<10	<1	<10	37
V703595		0.44	<10	<10	<1	<10	35
V703596		0.32	<10	<10	<1	<10	30
V703597		0.43	<10	<10	<1	<10	29
V703598		0.51	<10	<10	<1	<10	31
V703599		0.52	<10	<10	<1	<10	26
V703600		0.58	<10	<10	163	<10	115
V703601		0.56	<10	<10	<1	<10	32
V703602		0.53	<10	<10	<1	<10	35
V703603		0.43	<10	<10	1	<10	35
V703604		0.46	<10	<10	1	<10	30

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CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703605		2.32	<0.005		<0.5	5.96	<5	30	1.2	<2	3.36	<0.5	6	5	12	5.26
V703606		2.47	<0.005		<0.5	6.05	<5	110	1.1	<2	3.94	<0.5	7	12	4	6.58
V703607		2.63	<0.005		<0.5	6.16	<5	50	0.8	<2	3.24	<0.5	8	4	2	7.91
V703608		0.85	0.006		<0.5	6.52	119	50	0.5	<2	2.79	0.5	12	5	15	9.85
V703609		1.96	0.125		<0.5	5.72	<5	330	1.4	<2	4.43	<0.5	7	6	7	7.29
V703610		1.52	0.012		<0.5	2.91	266	80	1.0	<2	13.40	<0.5	8	5	6	5.70
V703611		1.85	<0.005		<0.5	6.24	6	330	1.3	<2	5.27	0.7	15	7	1	9.03
V703612		2.21	0.138		<0.5	5.52	711	80	0.7	<2	4.94	<0.5	18	5	28	8.08
V703613		2.11	0.039		<0.5	5.98	9	80	0.8	<2	4.39	<0.5	17	4	4	9.41
V703614		2.43	0.060		<0.5	6.50	7	210	0.9	<2	3.80	<0.5	15	3	<1	8.45
V703615		3.44	<0.005		<0.5	6.35	<5	270	1.3	<2	5.05	<0.5	11	2	6	7.33
V703616		3.04	<0.005		<0.5	6.35	<5	50	1.0	<2	4.14	<0.5	7	6	2	6.42
V703617		3.56	<0.005		<0.5	6.31	<5	40	1.3	<2	4.95	<0.5	7	4	4	7.75
V703618		3.74	<0.005		<0.5	5.98	<5	40	1.0	<2	3.84	<0.5	6	7	<1	6.03
V703619		3.54	<0.005		<0.5	6.38	<5	70	1.0	<2	3.71	<0.5	7	5	<1	6.61
V703620		0.11	3.84	3.74	0.8	6.87	31	590	0.8	<2	2.36	0.8	18	61	148	5.04
V703621		3.99	<0.005		<0.5	5.64	<5	60	1.0	<2	5.49	<0.5	8	13	1	5.96
V703622		3.67	<0.005		<0.5	6.00	<5	60	1.0	2	3.94	<0.5	10	4	3	7.82
V703623		3.11	<0.005		<0.5	5.72	<5	40	0.9	<2	3.93	<0.5	9	5	5	7.73
V703624		2.91	<0.005		<0.5	5.85	<5	40	0.9	<2	4.33	<0.5	10	12	3	7.36
V703625		2.50	<0.005		<0.5	5.81	<5	40	1.3	<2	5.00	0.5	13	6	3	8.37
V703626		3.64	<0.005		<0.5	5.82	<5	40	1.1	<2	4.46	<0.5	10	8	3	6.76
V703627		2.71	<0.005		<0.5	6.01	<5	30	1.1	<2	5.09	<0.5	12	8	6	7.63
V703628		2.43	0.009		<0.5	6.04	<5	30	0.6	2	3.23	<0.5	11	4	7	7.68
V703629		2.57	<0.005		<0.5	5.81	<5	20	0.6	<2	3.15	<0.5	10	6	1	7.71
V703630		2.35	<0.005		<0.5	4.86	5	50	<0.5	<2	4.06	<0.5	9	4	2	8.00
V703631		0.74	<0.005		<0.5	4.13	25	30	<0.5	4	5.27	<0.5	4	9	1	5.69
V703632		1.29	0.029		<0.5	6.25	17	50	0.5	3	2.40	<0.5	9	7	38	8.49
V703633		2.58	0.005		<0.5	4.83	287	50	0.6	<2	2.52	<0.5	7	9	71	6.28
V703634		1.32	<0.005		<0.5	6.13	93	70	0.5	4	1.86	<0.5	7	7	11	5.56
V703635		2.14	<0.005		<0.5	4.65	7	110	0.6	2	2.72	<0.5	8	8	1	6.15
V703636		3.46	0.006		<0.5	6.18	13	410	4.6	3	9.37	<0.5	4	10	7	5.94
V703637		1.04	<0.005		<0.5	7.16	24	440	1.3	8	3.01	<0.5	27	1	11	13.05
V703638		1.40	<0.005		<0.5	5.62	93	120	0.8	3	4.17	<0.5	13	2	5	9.13
V703639		1.58	0.017		<0.5	3.10	402	50	0.5	2	12.95	<0.5	4	5	8	4.31
V703640		0.74	<0.005		<0.5	7.51	<5	1250	1.2	<2	2.54	<0.5	19	85	23	4.98
V703641		0.95	<0.005		<0.5	6.65	22	120	0.7	3	1.41	<0.5	12	3	96	10.15
V703642		0.82	<0.005		<0.5	6.57	50	100	1.1	4	2.30	<0.5	9	4	17	9.25
V703643		3.24	<0.005		<0.5	5.59	<5	190	1.3	<2	4.16	<0.5	9	7	1	7.12
V703644		1.37	0.204		<0.5	5.30	827	50	1.1	3	6.43	<0.5	6	6	6	6.48

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Finalisée date: 12- SEPT- 2017
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703605		20	0.10	10	1.02	1200	<1	2.92	1	890	<2	<0.01	<5	22	63	<20
V703606		20	0.11	10	0.78	1240	<1	2.39	<1	810	2	0.03	<5	22	91	<20
V703607		20	0.08	10	0.76	1405	<1	2.81	<1	1010	3	0.05	<5	24	72	<20
V703608		20	0.08	10	0.81	1300	<1	2.84	<1	1420	<2	0.39	6	25	75	<20
V703609		20	0.84	10	0.69	1795	<1	1.50	<1	1040	<2	0.13	<5	24	106	<20
V703610		10	0.15	10	0.68	2230	<1	0.65	<1	1150	2	0.09	<5	18	245	<20
V703611		20	0.64	10	1.12	1545	<1	1.99	1	1260	<2	0.02	<5	35	144	<20
V703612		20	0.13	10	0.82	1290	<1	2.51	<1	1290	4	0.43	7	26	155	<20
V703613		20	0.11	10	0.86	1645	<1	2.45	<1	1430	<2	0.10	<5	30	147	<20
V703614		20	0.33	20	0.99	1390	1	2.63	1	1580	<2	<0.01	6	29	109	<20
V703615		20	0.43	20	0.71	1360	1	2.52	<1	1180	4	0.10	<5	26	121	<20
V703616		20	0.08	20	0.67	1280	<1	2.56	<1	1000	2	0.02	<5	23	149	<20
V703617		20	0.14	10	0.96	1460	<1	1.87	<1	1190	2	0.06	<5	26	189	<20
V703618		20	0.11	10	0.81	1165	<1	2.37	<1	870	<2	<0.01	5	22	130	<20
V703619		20	0.19	20	0.81	1200	<1	2.48	<1	990	<2	<0.01	<5	23	136	<20
V703620		20	1.07	10	1.46	858	8	2.16	43	740	46	0.14	11	16	266	<20
V703621		20	0.13	10	0.51	981	1	1.03	<1	830	4	0.03	<5	22	206	<20
V703622		20	0.20	20	0.87	1065	<1	1.83	<1	1130	2	0.09	<5	23	179	<20
V703623		20	0.08	10	0.86	1055	<1	2.20	1	940	2	0.13	<5	21	116	<20
V703624		20	0.08	10	0.69	1075	1	1.87	<1	940	2	0.08	<5	20	152	<20
V703625		20	0.13	10	0.76	1165	<1	1.37	<1	1060	4	0.10	5	22	234	<20
V703626		20	0.07	10	0.61	977	<1	1.89	<1	810	4	0.10	5	19	170	<20
V703627		20	0.06	10	0.63	982	<1	1.56	<1	1030	<2	0.16	5	22	271	<20
V703628		20	0.06	10	0.73	832	<1	2.16	<1	940	3	0.13	<5	21	136	<20
V703629		20	0.04	10	0.91	719	1	2.01	<1	980	<2	0.01	<5	23	135	<20
V703630		20	0.09	10	0.90	913	1	1.71	<1	830	<2	0.03	<5	22	72	<20
V703631		10	0.05	10	0.59	732	1	1.87	<1	660	<2	<0.01	<5	18	86	<20
V703632		20	0.09	10	0.69	766	<1	3.12	<1	840	<2	0.73	<5	24	75	<20
V703633		10	0.08	10	0.56	774	1	2.65	<1	830	<2	0.80	<5	18	64	<20
V703634		10	0.15	10	0.63	802	<1	3.56	<1	1030	2	0.16	<5	22	55	<20
V703635		10	0.31	20	0.71	1425	<1	1.80	<1	1160	<2	0.01	<5	25	62	<20
V703636		10	1.01	10	0.38	6220	1	0.32	<1	470	3	0.15	6	17	156	<20
V703637		30	0.85	10	1.61	1860	<1	1.33	1	1780	5	0.18	<5	49	67	<20
V703638		20	0.26	10	1.06	1410	1	1.92	<1	1460	<2	0.14	5	26	93	<20
V703639		10	0.11	10	0.50	1595	1	1.41	<1	650	4	0.11	7	13	252	<20
V703640		20	1.89	40	1.73	506	<1	2.35	44	880	18	0.05	5	15	524	<20
V703641		20	0.28	20	0.92	1070	<1	2.99	<1	1460	<2	1.13	<5	28	62	<20
V703642		20	0.18	10	0.93	1180	<1	2.83	<1	1220	4	0.28	<5	26	77	<20
V703643		20	0.40	10	0.70	1250	<1	2.05	<1	870	<2	0.01	5	21	109	<20
V703644		20	0.09	10	0.55	1100	<1	2.52	<1	760	<2	0.17	<5	17	116	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703605		0.41	<10	<10	<1	<10	32
V703606		0.38	<10	<10	<1	<10	34
V703607		0.47	<10	<10	<1	<10	44
V703608		0.53	<10	<10	<1	10	53
V703609		0.47	<10	<10	2	<10	58
V703610		0.48	<10	<10	14	<10	44
V703611		1.10	<10	<10	19	<10	58
V703612		0.71	<10	<10	12	<10	55
V703613		0.76	<10	<10	9	<10	70
V703614		0.69	10	<10	6	<10	57
V703615		0.53	<10	<10	<1	<10	42
V703616		0.44	<10	<10	<1	<10	33
V703617		0.52	<10	<10	<1	<10	41
V703618		0.42	<10	<10	<1	<10	32
V703619		0.46	10	<10	<1	<10	37
V703620		0.35	<10	<10	139	40	286
V703621		0.42	<10	<10	1	<10	29
V703622		0.49	<10	<10	1	<10	45
V703623		0.43	<10	<10	<1	<10	42
V703624		0.42	<10	<10	<1	<10	40
V703625		0.49	<10	<10	3	<10	48
V703626		0.40	<10	<10	1	<10	38
V703627		0.48	<10	<10	1	<10	40
V703628		0.44	<10	<10	<1	<10	40
V703629		0.47	<10	<10	<1	<10	43
V703630		0.41	<10	<10	<1	<10	53
V703631		0.36	<10	<10	<1	<10	35
V703632		0.43	<10	<10	<1	<10	42
V703633		0.40	<10	<10	3	<10	35
V703634		0.52	<10	<10	<1	<10	38
V703635		0.56	<10	<10	1	<10	51
V703636		0.34	<10	<10	9	<10	101
V703637		1.48	<10	<10	39	<10	83
V703638		0.67	<10	<10	5	<10	62
V703639		0.28	<10	<10	14	10	31
V703640		0.48	<10	<10	125	<10	106
V703641		0.63	<10	<10	3	<10	59
V703642		0.52	<10	<10	<1	<10	57
V703643		0.45	<10	<10	<1	<10	44
V703644		0.34	<10	<10	1	<10	37

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 12- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703645		2.30	<0.005		<0.5	6.09	<5	40	1.1	3	4.75	<0.5	7	5	<1	7.94
V703646		3.72	<0.005		<0.5	5.70	<5	60	1.0	<2	3.88	<0.5	6	6	2	7.49
V703647		3.60	<0.005		<0.5	6.03	<5	80	1.0	<2	3.74	<0.5	7	7	3	7.34
V703648		2.30	0.005		<0.5	6.26	7	80	0.9	<2	3.31	<0.5	13	7	14	10.15
V703649		3.62	0.027		<0.5	6.32	<5	40	1.1	4	4.19	<0.5	6	7	1	5.88
V703650		3.41	<0.005		<0.5	6.29	6	30	0.8	5	3.86	<0.5	7	8	1	6.91
V703651		2.23	<0.005		<0.5	6.46	<5	50	1.0	2	3.04	<0.5	9	5	2	8.58
V703652		3.65	<0.005		<0.5	6.13	<5	70	2.1	3	4.28	<0.5	8	7	<1	7.08
V703653		2.44	<0.005		<0.5	6.52	<5	230	0.8	4	3.90	<0.5	7	4	<1	6.33
V703654		0.82	0.425		<0.5	5.76	33	190	1.0	3	5.51	<0.5	7	10	<1	5.61
V703655		1.10	<0.005		<0.5	7.68	<5	960	1.3	3	2.63	<0.5	19	100	35	5.39
V703656		2.38	<0.005		<0.5	6.78	<5	30	<0.5	<2	6.10	0.6	50	31	235	8.93
V703657		2.54	0.008		<0.5	6.51	<5	20	<0.5	9	7.17	0.7	59	6	491	12.05
V703658		2.28	0.008		<0.5	6.00	<5	10	<0.5	5	7.42	<0.5	56	4	519	11.90
V703659		3.00	0.007		<0.5	5.97	<5	60	<0.5	5	7.49	<0.5	61	2	536	12.75
V703660		0.11	3.84	4.08	0.8	6.83	33	590	0.8	<2	2.41	0.8	19	62	146	5.18
V703661		3.62	0.007		<0.5	6.96	5	20	<0.5	8	7.78	0.7	66	6	545	13.15
V703662		1.92	0.007		<0.5	6.28	<5	30	<0.5	6	6.96	0.7	60	5	514	11.95
V703663		1.16	0.008		<0.5	5.56	10	40	<0.5	4	7.53	0.7	66	6	562	10.15
V703664		2.44	0.007		<0.5	6.11	8	20	<0.5	<2	7.86	1.0	63	7	507	12.60
V703665		3.55	0.006		<0.5	6.78	5	10	<0.5	4	7.26	0.7	65	5	453	13.50
V703666		3.77	<0.005		<0.5	6.48	12	20	<0.5	<2	7.58	0.5	44	51	211	8.61
V703667		2.56	<0.005		<0.5	7.95	13	20	<0.5	<2	7.70	0.6	47	37	115	8.86
V703668		1.49	<0.005		<0.5	7.53	10	30	<0.5	<2	7.81	<0.5	40	22	132	7.42
V703669		3.81	<0.005		<0.5	8.23	16	60	<0.5	<2	6.08	<0.5	44	21	160	7.71
V703670		3.05	<0.005		<0.5	7.89	13	30	0.5	<2	6.63	0.6	39	18	105	7.08
V703671		2.81	<0.005		<0.5	7.60	13	80	0.7	<2	8.22	0.5	35	18	57	6.55
V703672		2.40	<0.005		<0.5	7.82	15	50	<0.5	<2	7.78	<0.5	38	22	36	6.75
V703673		3.71	<0.005		<0.5	8.23	17	50	<0.5	<2	5.33	<0.5	42	22	47	6.93
V703674		3.68	<0.005		<0.5	6.66	6	10	<0.5	<2	7.52	0.9	66	5	594	12.65
V703675		3.15	0.006		<0.5	6.62	<5	10	<0.5	4	8.61	0.7	62	7	624	12.35
V703676		1.94	<0.005		<0.5	6.83	<5	10	<0.5	<2	8.57	0.7	62	9	458	12.10
V703677		4.03	0.005		<0.5	7.01	<5	30	<0.5	9	6.50	0.6	64	9	448	12.90
V703678		3.74	<0.005		<0.5	8.61	<5	120	0.5	<2	5.98	<0.5	38	14	95	6.82
V703679		1.15	<0.005		<0.5	7.23	8	40	<0.5	<2	6.64	0.5	51	11	117	9.99
V703680		1.02	<0.005		<0.5	7.88	<5	1500	1.0	2	2.88	<0.5	24	119	34	6.62
V703681		3.61	<0.005		<0.5	6.64	6	80	<0.5	7	7.66	<0.5	72	2	114	13.75
V703682		3.51	<0.005		<0.5	6.90	14	70	<0.5	3	7.27	0.7	71	2	215	14.00
V703683		2.87	<0.005		<0.5	5.52	19	20	<0.5	<2	8.50	<0.5	39	4	28	10.15
V703684		3.90	<0.005		<0.5	7.05	37	10	<0.5	3	7.38	0.5	64	5	266	13.50

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CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703645		20	0.05	20	0.56	1165	<1	1.67	<1	900	2	0.01	<5	21	157	<20
V703646		20	0.07	10	0.61	1255	<1	1.99	<1	760	3	0.03	<5	21	134	<20
V703647		20	0.12	10	0.70	1290	<1	2.07	<1	870	<2	0.08	<5	23	112	<20
V703648		20	0.09	10	0.79	1455	<1	2.09	<1	1180	3	0.31	<5	22	105	<20
V703649		20	0.15	20	0.85	1030	2	2.23	<1	820	<2	0.02	<5	22	107	<20
V703650		20	0.08	10	1.02	1095	<1	2.35	<1	1100	<2	<0.01	7	25	93	<20
V703651		20	0.07	10	1.06	1305	<1	2.30	<1	1180	<2	0.02	<5	26	93	<20
V703652		20	0.14	10	1.08	1320	1	2.11	<1	1050	<2	<0.01	<5	26	103	<20
V703653		20	0.70	10	1.20	932	<1	2.44	<1	1180	<2	<0.01	5	26	73	<20
V703654		20	0.44	10	0.82	1070	<1	2.51	<1	990	6	<0.01	7	23	100	<20
V703655		20	1.80	40	1.70	648	1	2.27	46	820	18	0.09	6	20	438	<20
V703656		20	0.07	<10	3.62	1500	<1	1.88	78	150	<2	0.21	<5	41	73	<20
V703657		20	0.03	<10	3.67	1870	<1	1.04	128	140	<2	0.17	<5	49	103	<20
V703658		20	0.03	<10	3.34	1345	<1	1.03	105	140	<2	0.18	<5	46	151	<20
V703659		20	0.16	<10	3.54	1490	<1	0.61	97	150	<2	0.13	<5	48	106	<20
V703660		20	1.10	10	1.50	858	7	2.22	42	730	49	0.14	6	15	269	<20
V703661		20	0.03	<10	3.85	1655	<1	0.11	132	170	<2	0.13	<5	53	286	<20
V703662		20	0.03	<10	3.54	1530	<1	0.84	121	150	<2	0.07	<5	47	108	<20
V703663		10	0.06	<10	2.23	1170	<1	1.55	101	120	<2	1.06	<5	41	125	<20
V703664		20	0.04	<10	3.37	1470	1	0.68	127	140	<2	0.25	9	49	159	<20
V703665		20	0.04	<10	3.94	1700	<1	1.01	134	160	3	0.18	<5	53	109	<20
V703666		20	0.03	<10	2.88	1180	1	0.41	60	240	2	0.15	<5	38	343	<20
V703667		20	0.05	<10	4.03	1370	<1	1.15	58	160	<2	0.01	<5	49	246	<20
V703668		20	0.08	<10	3.72	1355	1	1.83	43	150	<2	0.01	<5	41	182	<20
V703669		10	0.16	<10	4.10	1300	<1	2.71	50	180	<2	0.02	<5	45	117	<20
V703670		10	0.10	<10	3.84	1430	1	2.26	44	160	<2	0.01	<5	41	96	<20
V703671		20	0.29	<10	3.43	1580	1	1.57	40	150	<2	<0.01	<5	36	142	<20
V703672		20	0.19	10	3.94	1415	1	2.04	43	170	2	<0.01	<5	41	102	<20
V703673		10	0.15	<10	4.16	1175	1	3.00	50	190	<2	0.01	<5	41	103	<20
V703674		20	0.04	<10	3.93	1835	1	0.75	119	160	<2	0.31	<5	52	289	<20
V703675		20	0.04	<10	3.63	1545	<1	0.38	140	160	2	0.25	<5	48	432	<20
V703676		20	0.03	<10	3.74	1645	<1	0.65	137	160	<2	0.52	<5	50	314	<20
V703677		20	0.05	<10	4.32	2150	<1	0.96	131	160	2	0.21	<5	55	193	<20
V703678		20	0.37	<10	3.89	1665	1	3.10	43	200	<2	0.01	<5	40	132	<20
V703679		20	0.10	<10	3.86	1325	1	1.57	55	170	<2	0.18	<5	44	366	<20
V703680		20	1.94	20	2.33	856	2	2.21	59	1260	13	0.07	<5	22	580	<20
V703681		20	0.08	<10	3.70	2150	1	0.61	89	230	<2	0.42	<5	49	225	<20
V703682		20	0.07	<10	3.85	1545	<1	1.00	62	240	<2	0.41	<5	52	329	<20
V703683		20	0.04	<10	3.25	1385	1	0.63	45	140	2	0.11	<5	45	408	<20
V703684		20	0.03	<10	3.87	1535	1	0.65	71	200	<2	0.44	<5	51	533	<20

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CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703645		0.43	<10	<10	<1	<10	40
V703646		0.42	<10	<10	<1	<10	44
V703647		0.43	<10	<10	3	<10	43
V703648		0.50	<10	<10	<1	<10	56
V703649		0.43	<10	<10	1	<10	32
V703650		0.50	<10	<10	<1	<10	39
V703651		0.57	10	<10	<1	<10	48
V703652		0.52	<10	<10	<1	<10	46
V703653		0.51	<10	<10	<1	<10	40
V703654		0.47	<10	<10	1	<10	35
V703655		0.51	<10	<10	135	<10	99
V703656		0.60	<10	<10	545	<10	76
V703657		0.89	<10	<10	979	<10	90
V703658		0.84	<10	<10	1030	<10	63
V703659		0.85	<10	<10	1155	<10	71
V703660		0.37	<10	<10	141	40	288
V703661		0.90	<10	<10	1040	<10	110
V703662		0.82	<10	<10	939	<10	118
V703663		0.81	<10	<10	845	<10	68
V703664		0.99	<10	<10	994	<10	93
V703665		0.97	<10	<10	1140	<10	102
V703666		0.72	<10	<10	602	<10	69
V703667		0.43	<10	<10	389	<10	79
V703668		0.29	<10	<10	245	<10	61
V703669		0.32	<10	<10	233	<10	74
V703670		0.31	<10	<10	215	<10	70
V703671		0.28	<10	<10	222	<10	62
V703672		0.33	<10	<10	226	<10	64
V703673		0.36	<10	<10	235	<10	72
V703674		1.05	<10	<10	1230	<10	81
V703675		1.04	<10	<10	1130	<10	84
V703676		1.11	10	<10	1105	<10	89
V703677		1.10	<10	<10	1175	<10	112
V703678		0.35	<10	<10	224	<10	76
V703679		0.67	<10	<10	843	<10	81
V703680		0.59	<10	<10	167	<10	121
V703681		1.15	<10	<10	1620	<10	148
V703682		1.04	<10	<10	1350	<10	71
V703683		0.91	<10	<10	1160	<10	63
V703684		1.06	<10	<10	1400	<10	82

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V703685		1.38	<0.005		<0.5	6.90	32	20	<0.5	2	7.82	0.9	73	2	406	14.75
V703686		2.99	0.006		<0.5	6.62	34	10	<0.5	<2	7.93	0.6	70	3	514	13.95
V703687		3.97	0.009		<0.5	6.66	18	10	<0.5	<2	7.79	0.8	64	6	701	13.25
V703688		4.20	0.007		<0.5	6.62	15	20	<0.5	<2	7.80	0.6	64	3	712	13.30
V703689		1.07	0.005		<0.5	7.03	8	20	<0.5	<2	8.06	0.5	69	3	598	13.80
V703690		3.96	0.006		<0.5	6.82	16	50	<0.5	<2	7.34	0.5	66	5	582	13.30
V703691		2.47	<0.005		<0.5	7.08	<5	20	<0.5	4	6.98	<0.5	80	3	212	14.55
V703692		2.57	0.006		<0.5	6.73	7	150	<0.5	<2	7.63	0.5	66	3	451	13.45
V703693		0.90	0.007		<0.5	6.42	6	80	<0.5	2	7.23	0.5	74	2	509	14.25
V703694		2.68	<0.005		<0.5	6.54	5	120	<0.5	<2	7.55	<0.5	67	3	256	13.90
V703695		2.14	<0.005		<0.5	6.70	<5	160	<0.5	2	7.79	0.5	67	3	331	14.20
V703696		2.69	0.005		<0.5	6.51	6	140	<0.5	5	7.42	0.6	72	4	501	14.40
V703697		1.04	0.007		<0.5	6.86	<5	40	<0.5	<2	8.89	0.6	63	4	624	11.70
V703698		3.47	<0.005		<0.5	6.67	7	90	<0.5	2	7.66	0.6	67	3	239	14.15
V703699		2.63	0.005		<0.5	6.40	7	120	<0.5	3	8.03	0.5	71	2	430	14.45
V703700		0.12	4.00	4.13	0.7	6.75	29	590	0.7	<2	2.40	0.7	18	60	147	5.10
V703701		3.66	0.007		<0.5	6.45	<5	60	<0.5	2	8.06	0.6	70	4	485	13.90
V703702		3.61	<0.005		<0.5	6.86	5	10	<0.5	<2	7.73	<0.5	63	5	95	12.75
V703703		2.59	<0.005		<0.5	6.63	5	60	<0.5	<2	7.53	0.7	71	3	87	13.75
V703704		0.88	<0.005		<0.5	6.45	<5	60	<0.5	<2	6.87	0.5	69	5	359	13.15
V703705		1.75	<0.005		<0.5	6.57	5	80	<0.5	<2	7.29	0.6	69	3	94	12.95
V703706		3.94	<0.005		<0.5	6.93	6	90	<0.5	<2	7.36	0.6	69	4	70	13.35
V703707		3.82	<0.005		<0.5	6.49	5	130	<0.5	2	6.63	<0.5	66	2	66	12.75
V703708		2.39	<0.005		<0.5	6.13	12	100	<0.5	<2	6.70	<0.5	64	1	79	12.20
V703709		3.76	<0.005		<0.5	6.58	9	150	<0.5	3	7.19	0.6	68	1	67	13.05
V703710		3.86	<0.005		<0.5	6.76	27	70	<0.5	<2	6.55	<0.5	74	1	90	13.50
V703711		3.34	<0.005		<0.5	6.13	11	10	<0.5	<2	7.80	<0.5	40	5	61	10.00
V703712		3.08	<0.005		<0.5	7.67	20	30	<0.5	<2	5.33	0.6	55	4	43	14.15
V703713		3.60	<0.005		<0.5	6.71	17	50	<0.5	<2	5.48	0.6	42	3	31	11.75
V703714		3.86	<0.005		<0.5	7.44	23	90	<0.5	<2	5.86	<0.5	46	4	29	12.35
V703715		3.81	<0.005		<0.5	7.33	21	80	<0.5	3	5.67	0.7	44	4	25	12.15
V703716		3.54	0.022		<0.5	7.63	16	50	0.5	<2	4.75	<0.5	43	3	36	13.00
V703717		0.84	0.081		<0.5	5.50	212	20	<0.5	<2	8.45	<0.5	39	4	19	8.47
V703718		2.43	<0.005		<0.5	7.14	31	40	<0.5	<2	3.45	<0.5	38	4	19	10.90
V703719		0.82	<0.005		<0.5	5.29	191	40	<0.5	<2	8.00	<0.5	26	5	47	7.95
V703720		0.55	<0.005		<0.5	7.20	<5	800	1.6	<2	3.29	<0.5	17	100	28	5.23
V703721		0.99	<0.005		<0.5	7.45	35	60	<0.5	<2	4.13	<0.5	38	3	79	10.75
V703722		0.84	0.020		<0.5	7.06	1480	60	<0.5	2	6.37	<0.5	34	3	48	9.17
V703723		3.46	<0.005		<0.5	7.31	36	40	<0.5	<2	4.30	<0.5	35	3	16	10.70
V703724		0.85	<0.005		<0.5	7.77	521	60	<0.5	<2	4.64	<0.5	31	3	49	10.10

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 12- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703685		20	0.04	<10	4.24	1785	1	0.39	79	200	2	0.67	<5	55	452	<20
V703686		20	0.03	<10	3.83	1605	1	0.19	75	180	3	0.62	<5	49	530	<20
V703687		20	0.03	<10	3.79	1605	1	0.45	97	170	4	0.30	<5	51	362	<20
V703688		20	0.05	<10	3.79	1500	1	0.72	98	160	3	0.33	<5	51	379	<20
V703689		20	0.07	<10	3.89	1480	1	0.68	90	200	3	0.55	<5	50	477	<20
V703690		20	0.12	<10	3.53	1480	1	1.32	84	200	<2	0.18	<5	50	228	<20
V703691		20	0.05	<10	4.84	1645	<1	0.55	78	240	2	0.77	<5	59	411	<20
V703692		20	0.25	<10	3.42	1510	1	1.23	77	190	<2	0.20	<5	50	194	<20
V703693		20	0.68	<10	3.38	1395	<1	0.58	70	170	<2	0.31	<5	51	121	<20
V703694		20	0.36	<10	3.34	1515	<1	0.98	66	190	<2	0.22	<5	51	220	<20
V703695		20	0.31	<10	3.44	1560	1	1.04	64	180	<2	0.23	<5	52	261	<20
V703696		20	0.22	<10	3.52	1615	1	0.80	69	180	<2	0.29	<5	51	325	<20
V703697		20	0.07	<10	2.66	1215	1	0.65	59	170	3	0.69	<5	49	687	<20
V703698		20	0.18	<10	3.83	1660	1	0.94	71	160	3	0.25	<5	53	253	<20
V703699		20	0.19	<10	3.63	1580	<1	0.64	71	160	2	0.29	<5	52	286	<20
V703700		20	1.11	10	1.48	844	8	2.17	40	750	46	0.14	<5	15	270	<20
V703701		20	0.08	<10	3.47	1605	1	0.61	72	170	3	0.41	<5	51	347	<20
V703702		20	0.04	<10	3.24	1515	<1	0.54	36	230	3	0.47	<5	48	489	<20
V703703		20	0.09	<10	3.38	1675	<1	0.64	25	210	<2	0.45	<5	51	359	<20
V703704		20	0.10	<10	3.15	1470	<1	0.90	26	210	<2	0.48	<5	49	255	<20
V703705		20	0.15	<10	3.13	1550	<1	1.17	24	190	<2	0.43	<5	49	230	<20
V703706		20	0.18	<10	3.35	1770	<1	1.61	26	220	2	0.28	5	50	224	<20
V703707		20	1.03	<10	3.08	1545	<1	1.64	22	190	<2	0.29	<5	49	139	<20
V703708		20	1.01	<10	2.85	1475	<1	1.47	22	210	6	0.36	<5	47	117	<20
V703709		20	0.85	<10	3.03	1565	<1	1.70	24	210	12	0.27	<5	49	153	<20
V703710		20	0.18	<10	3.20	1625	<1	1.59	23	230	3	0.77	<5	53	241	<20
V703711		20	0.02	<10	1.92	1180	<1	0.33	9	220	2	0.87	5	34	489	<20
V703712		20	0.08	<10	3.00	1910	<1	1.29	3	430	<2	0.58	<5	45	301	<20
V703713		20	0.11	<10	2.43	1835	<1	1.62	3	330	3	0.19	<5	36	180	<20
V703714		20	0.17	<10	2.52	2020	<1	1.78	5	370	<2	0.20	<5	38	318	<20
V703715		20	0.18	<10	2.49	2060	1	1.76	6	360	2	0.23	5	36	328	<20
V703716		20	0.12	<10	2.83	1945	<1	2.11	5	370	5	0.32	6	40	195	<20
V703717		20	0.05	<10	1.78	1765	1	1.96	4	380	2	0.15	6	27	177	<20
V703718		20	0.07	<10	1.99	1655	<1	2.76	3	360	2	0.30	<5	32	127	<20
V703719		10	0.07	<10	1.51	1410	<1	2.11	2	260	<2	0.35	<5	25	176	<20
V703720		20	1.59	30	1.80	586	1	1.91	43	1050	17	0.07	<5	17	425	<20
V703721		20	0.13	<10	2.18	1520	<1	2.81	2	390	2	0.23	<5	35	138	<20
V703722		20	0.12	<10	1.65	1385	<1	3.23	2	360	<2	0.58	<5	28	163	<20
V703723		20	0.06	<10	1.95	1735	<1	2.65	2	400	4	0.13	<5	33	165	<20
V703724		20	0.09	<10	2.02	1655	<1	3.20	2	390	2	0.14	<5	32	164	<20

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CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703685		1.12	10	<10	1595	<10	88
V703686		0.99	<10	<10	1435	<10	84
V703687		0.95	<10	<10	1240	<10	80
V703688		0.97	<10	<10	1255	<10	75
V703689		0.90	<10	<10	1260	<10	83
V703690		0.88	<10	<10	1205	<10	84
V703691		1.22	<10	<10	1425	<10	106
V703692		0.87	<10	<10	1245	<10	105
V703693		0.96	<10	<10	1320	<10	93
V703694		0.95	<10	<10	1295	<10	90
V703695		0.98	<10	<10	1325	<10	88
V703696		1.00	<10	<10	1365	<10	84
V703697		0.95	<10	<10	1230	<10	67
V703698		1.01	<10	<10	1375	<10	82
V703699		0.99	<10	<10	1390	<10	78
V703700		0.36	<10	<10	139	40	288
V703701		0.91	<10	<10	1325	<10	88
V703702		0.95	<10	<10	1005	<10	82
V703703		1.06	<10	<10	1025	<10	83
V703704		1.01	<10	<10	965	<10	77
V703705		1.03	<10	<10	996	<10	68
V703706		1.03	<10	<10	1005	<10	76
V703707		1.00	<10	<10	970	<10	75
V703708		0.97	<10	<10	937	<10	74
V703709		1.02	<10	<10	1010	<10	83
V703710		1.11	<10	<10	1030	<10	78
V703711		0.77	<10	<10	576	<10	56
V703712		1.26	<10	<10	478	<10	115
V703713		0.94	<10	<10	381	<10	92
V703714		1.02	<10	<10	361	<10	92
V703715		0.97	<10	<10	349	<10	90
V703716		1.05	<10	<10	387	<10	99
V703717		0.69	<10	<10	258	30	72
V703718		1.05	<10	<10	248	<10	67
V703719		0.69	<10	<10	172	<10	47
V703720		0.52	<10	<10	139	<10	106
V703721		0.96	<10	<10	222	<10	58
V703722		0.87	<10	<10	200	<10	61
V703723		0.94	<10	<10	207	<10	68
V703724		0.84	<10	<10	164	<10	69

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703725		3.11	<0.005		<0.5	7.94	70	80	0.5	<2	4.22	<0.5	26	3	5	8.36
V703726		0.94	<0.005		<0.5	7.90	170	120	0.5	<2	5.43	0.6	17	4	81	6.51
V703727		3.44	<0.005		<0.5	8.57	30	150	0.6	<2	4.77	<0.5	22	6	26	7.76
V703728		2.44	<0.005		<0.5	7.96	43	90	<0.5	3	3.64	<0.5	27	3	22	8.46
V703729		0.11	4.19	3.94	0.7	7.04	31	590	0.8	<2	2.51	0.8	18	65	152	5.31
V703730		1.44	0.009		1.4	8.03	3220	100	1.0	<2	5.14	<0.5	34	4	157	7.71
V703731		2.75	<0.005		<0.5	8.13	40	110	<0.5	<2	3.90	<0.5	26	4	16	8.53
V703732		0.82	0.013		<0.5	7.03	4300	50	<0.5	2	5.44	0.6	23	4	315	7.19
V703733		1.87	<0.005		<0.5	7.97	31	100	<0.5	2	3.52	<0.5	26	3	3	7.93
V703734		3.71	<0.005		<0.5	7.48	53	100	<0.5	<2	3.94	<0.5	29	5	17	9.31
V703735		3.55	<0.005		<0.5	8.36	23	110	1.4	<2	5.73	<0.5	24	7	4	8.22
V703736		2.40	<0.005		<0.5	8.06	18	60	0.5	2	4.51	<0.5	25	10	8	7.20
V703737		1.73	<0.005		<0.5	7.98	24	100	<0.5	6	3.54	<0.5	34	3	13	9.85
V703738		2.14	<0.005		<0.5	8.02	51	50	0.7	4	4.60	0.5	31	4	33	9.83
V703739		1.70	<0.005		<0.5	7.44	54	30	<0.5	7	4.31	<0.5	36	6	57	9.53
V703740		0.12	3.84	4.32	0.8	6.73	59	580	0.8	2	2.37	33.9	17	63	145	5.33
V703741		2.89	<0.005		<0.5	8.34	93	40	0.6	7	3.52	0.5	32	6	30	9.39
V703742		3.92	<0.005		<0.5	7.52	31	30	1.0	3	4.02	<0.5	27	5	1	9.16
V703743		0.77	0.027		<0.5	5.90	1890	120	1.1	6	3.09	<0.5	4	4	5	6.88
V703744		3.57	<0.005		<0.5	7.58	19	100	<0.5	6	4.92	<0.5	46	4	27	11.00
V703745		3.69	<0.005		<0.5	7.35	24	70	<0.5	3	4.46	0.5	49	3	25	10.85
V703746		2.36	<0.005		<0.5	7.04	24	40	<0.5	5	4.72	<0.5	40	5	21	10.40
V703747		3.83	<0.005		<0.5	7.34	20	40	<0.5	4	3.99	0.5	48	4	20	12.25
V703748		3.78	<0.005		<0.5	7.35	5	160	0.5	4	4.66	0.7	36	7	11	12.30
V703749		3.77	<0.005		<0.5	7.42	<5	110	<0.5	7	4.65	0.9	33	7	17	12.50
V703750		3.83	<0.005		<0.5	8.12	<5	40	0.7	6	5.66	4.1	27	7	41	9.96
V703751		3.69	<0.005		<0.5	7.77	5	100	0.5	8	3.96	0.5	33	5	9	11.25
V703752		2.11	<0.005		<0.5	6.94	<5	40	0.8	4	5.85	<0.5	24	4	<1	8.33
V703753		3.87	<0.005		<0.5	6.69	16	40	<0.5	6	4.56	0.5	29	3	1	10.10
V703754		3.82	<0.005		<0.5	6.14	<5	120	<0.5	8	6.34	0.6	32	3	3	11.10
V703755		1.80	<0.005		<0.5	5.85	<5	170	<0.5	8	4.53	0.6	34	8	14	12.50
V703756		2.54	<0.005		<0.5	5.96	<5	140	0.5	6	5.36	1.2	40	1	29	13.40
V703757		3.53	<0.005		<0.5	6.79	9	150	<0.5	5	5.35	<0.5	39	2	11	13.20
V703758		3.80	<0.005		<0.5	6.14	<5	190	<0.5	10	6.46	0.8	35	4	17	13.15
V703759		1.92	<0.005		<0.5	5.94	<5	80	1.4	4	8.65	0.7	21	5	3	10.40
V703760		0.74	<0.005		<0.5	7.97	<5	1280	1.1	7	2.77	<0.5	24	116	45	6.27
V703761		3.29	<0.005		<0.5	6.54	<5	110	<0.5	5	5.36	<0.5	30	4	8	11.40
V703762		3.75	<0.005		<0.5	6.54	7	230	<0.5	9	5.29	0.8	32	2	8	12.05
V703763		3.85	<0.005		<0.5	6.11	<5	260	<0.5	8	5.44	0.8	34	3	16	12.25
V703842		2.13	<0.005		<0.5	7.06	13	40	0.5	<2	8.28	<0.5	38	23	102	6.21

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703725		20	0.12	<10	1.79	1830	<1	3.50	2	410	2	0.03	<5	26	155	<20
V703726		20	0.21	<10	1.74	1270	<1	4.21	2	400	<2	0.02	<5	24	173	<20
V703727		20	0.27	<10	1.59	1440	<1	3.76	2	450	2	0.11	<5	24	229	<20
V703728		20	0.12	<10	1.62	1490	<1	3.73	1	410	<2	0.05	<5	26	156	<20
V703729		10	1.17	10	1.54	867	7	2.23	43	760	46	0.14	8	16	274	<20
V703730		20	0.17	<10	1.23	1670	<1	4.18	1	410	153	0.53	7	22	127	<20
V703731		20	0.16	<10	1.47	1365	<1	3.69	<1	460	2	0.12	<5	25	204	<20
V703732		10	0.11	<10	1.48	1145	<1	3.44	<1	400	<2	0.33	<5	24	120	<20
V703733		20	0.14	<10	1.57	1310	<1	3.61	1	390	<2	0.02	<5	26	177	<20
V703734		20	0.14	<10	1.51	1505	<1	3.04	2	380	4	0.17	<5	27	152	<20
V703735		20	0.13	<10	1.28	1880	<1	3.03	1	430	2	0.07	<5	24	276	<20
V703736		20	0.09	<10	1.42	1205	<1	3.55	2	490	<2	0.08	<5	23	194	<20
V703737		20	0.13	<10	1.90	1540	<1	3.36	3	430	<2	0.16	<5	32	174	<20
V703738		20	0.09	<10	1.76	1955	<1	3.28	3	380	<2	0.37	<5	29	131	<20
V703739		20	0.05	<10	1.65	1310	1	3.27	2	390	<2	0.48	<5	32	119	<20
V703740		20	1.09	10	1.47	843	8	2.18	41	730	93	0.62	17	15	268	<20
V703741		20	0.07	<10	1.62	1765	<1	3.38	1	390	<2	0.24	<5	27	149	<20
V703742		20	0.06	<10	2.13	2220	<1	3.05	1	370	<2	<0.01	5	30	102	<20
V703743		20	0.19	20	0.43	1050	<1	3.04	1	600	<2	0.18	5	19	92	<20
V703744		20	0.19	<10	1.97	1800	1	2.57	4	370	<2	0.16	<5	31	172	<20
V703745		20	0.18	<10	2.19	1760	<1	2.18	4	340	3	0.13	<5	32	109	<20
V703746		20	0.09	<10	2.20	1675	<1	2.51	3	340	<2	0.11	<5	32	100	<20
V703747		20	0.09	<10	2.61	1740	<1	2.29	2	330	4	0.15	<5	37	125	<20
V703748		20	0.29	<10	1.91	2190	<1	2.43	1	380	<2	0.14	<5	33	178	<20
V703749		20	0.20	<10	2.10	2300	<1	2.46	1	390	<2	0.24	5	33	121	<20
V703750		20	0.08	<10	2.44	2060	<1	3.03	2	450	2	0.12	5	35	144	<20
V703751		20	0.24	<10	2.00	2030	<1	2.98	2	390	<2	0.08	<5	33	155	<20
V703752		10	0.10	10	1.86	2480	<1	2.74	2	480	<2	0.01	<5	35	134	<20
V703753		20	0.14	<10	2.34	1615	<1	2.42	2	420	<2	0.01	<5	45	107	<20
V703754		20	0.26	<10	1.81	1990	<1	1.55	2	620	<2	0.03	<5	52	189	<20
V703755		20	0.32	<10	1.90	2230	1	1.92	<1	690	<2	0.16	<5	50	153	<20
V703756		20	0.29	10	2.20	2320	<1	1.70	2	700	<2	0.34	6	55	167	<20
V703757		20	0.29	<10	2.01	2320	<1	1.88	2	680	<2	0.12	<5	58	164	<20
V703758		20	0.33	<10	2.05	2390	<1	1.57	2	840	<2	0.20	<5	67	312	<20
V703759		20	0.15	<10	1.55	3400	<1	0.56	2	650	2	0.03	6	47	275	<20
V703760		20	1.91	30	2.12	722	1	2.36	63	1040	14	0.11	<5	22	574	<20
V703761		20	0.19	<10	1.91	2010	<1	2.09	2	680	<2	0.08	6	58	160	<20
V703762		20	0.41	<10	1.55	2180	<1	2.20	1	710	3	0.10	<5	58	202	<20
V703763		20	0.43	<10	1.57	2370	<1	1.95	1	810	2	0.15	<5	57	187	<20
V703842		10	0.14	<10	3.72	1595	<1	2.58	44	150	<2	0.01	6	40	96	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 12- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164973

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703725		0.79	<10	<10	142	<10	66
V703726		0.82	<10	<10	148	<10	57
V703727		1.09	<10	<10	197	<10	92
V703728		0.82	<10	<10	142	<10	67
V703729		0.37	<10	<10	144	40	297
V703730		0.80	<10	<10	137	<10	64
V703731		0.82	<10	<10	142	<10	63
V703732		0.69	<10	<10	113	<10	59
V703733		0.62	<10	<10	94	<10	64
V703734		1.06	<10	<10	200	<10	65
V703735		1.12	<10	<10	207	<10	49
V703736		0.81	<10	<10	136	<10	41
V703737		0.84	<10	<10	156	<10	66
V703738		1.02	<10	<10	188	<10	83
V703739		1.28	<10	<10	207	<10	69
V703740		0.36	<10	<10	137	30	5110
V703741		1.13	<10	<10	217	<10	85
V703742		0.81	<10	<10	122	<10	88
V703743		0.37	<10	<10	2	<10	38
V703744		1.04	<10	<10	300	<10	75
V703745		0.92	<10	<10	267	<10	77
V703746		0.79	<10	<10	243	<10	78
V703747		0.88	<10	<10	290	<10	89
V703748		1.56	<10	<10	162	<10	80
V703749		1.65	<10	<10	176	<10	77
V703750		1.26	<10	<10	144	<10	889
V703751		1.13	<10	<10	119	<10	83
V703752		0.86	<10	<10	88	<10	85
V703753		0.96	<10	<10	82	<10	86
V703754		1.17	<10	<10	51	<10	69
V703755		1.38	<10	<10	78	<10	67
V703756		1.51	<10	<10	88	<10	158
V703757		1.50	<10	<10	59	<10	93
V703758		1.60	<10	<10	39	<10	73
V703759		1.17	<10	<10	34	<10	89
V703760		0.62	<10	<10	180	<10	112
V703761		1.31	10	<10	43	<10	66
V703762		1.33	<10	<10	42	<10	71
V703763		1.31	<10	<10	42	<10	72
V703842		0.33	<10	<10	204	<10	62

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CERTIFICAT D'ANALYSE VO17164973

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
Au- AA23	Au- GRA21	ME- ICP61	

Traité à ALS Timmins, Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applique à la Méthode:			
CRU- 32	CRU- QC	LOG- 22	LOG- 24
PUL- 32	PUL- QC	SPL- 21	WEI- 21

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Finalisée date: 9- SEPT- 2017
Compte: MIDEXP

CERTIFICAT VO17164979

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 169 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2017.

Les résultats sont transmis à:

MARIO MASSON	RICHARD ST- CYR	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 9- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703396		3.76	0.005		<0.5	7.63	32	70	<0.5	<2	7.54	0.6	43	16	124	6.80
V703397		3.62	0.007		<0.5	7.46	31	100	<0.5	<2	7.74	0.5	44	15	218	6.84
V703398		2.51	0.007		<0.5	7.78	28	110	<0.5	<2	7.99	0.5	45	15	301	7.19
V703399		3.67	0.010		<0.5	7.48	26	60	<0.5	<2	8.47	0.6	43	20	270	7.12
V703400		0.67	<0.005		<0.5	7.90	<5	900	1.9	<2	2.69	<0.5	26	117	31	6.24
V703401		3.05	0.006		<0.5	7.26	7	120	<0.5	<2	8.15	0.6	46	17	253	6.82
V703402		3.77	0.009		<0.5	7.59	11	150	<0.5	<2	7.91	0.5	41	17	228	6.58
V703403		3.68	<0.005		<0.5	7.52	32	140	<0.5	<2	7.85	<0.5	39	14	69	6.45
V703404		2.40	0.007		<0.5	7.89	29	130	<0.5	<2	8.05	<0.5	39	14	56	6.45
V703405		3.52	<0.005		<0.5	7.59	36	100	<0.5	<2	8.01	<0.5	41	14	156	6.51
V703406		3.62	0.005		<0.5	8.22	27	50	<0.5	<2	8.33	<0.5	42	19	166	6.80
V703407		3.67	<0.005		<0.5	8.19	26	50	<0.5	<2	8.39	0.5	45	17	265	6.85
V703408		3.44	0.009		<0.5	8.07	37	60	<0.5	<2	8.11	<0.5	44	17	248	6.86
V703409		1.01	0.006		<0.5	7.58	18	40	<0.5	<2	7.77	<0.5	44	19	237	6.91
V703410		2.86	0.006		<0.5	7.94	15	70	<0.5	<2	8.46	<0.5	44	18	193	6.94
V703411		3.53	0.005		<0.5	7.35	16	80	<0.5	<2	8.25	<0.5	42	19	75	6.51
V703412		3.56	<0.005		<0.5	7.18	17	110	<0.5	<2	7.91	0.7	39	18	86	6.24
V703413		3.65	0.007		<0.5	7.65	14	120	<0.5	<2	7.66	0.5	41	11	287	6.72
V703414		2.59	0.005		<0.5	7.89	24	60	<0.5	<2	8.36	<0.5	42	11	391	6.64
V703415		3.56	0.007		<0.5	8.18	18	160	<0.5	<2	7.82	<0.5	41	11	316	6.93
V703416		3.58	0.006		<0.5	7.94	6	120	<0.5	<2	7.48	0.6	45	11	309	7.08
V703417		3.70	<0.005		<0.5	7.83	12	120	<0.5	2	7.57	<0.5	47	13	344	7.17
V703418		2.81	<0.005		<0.5	7.84	20	100	<0.5	<2	7.90	0.5	47	12	319	7.38
V703419		1.22	<0.005		<0.5	7.49	5	10	<0.5	<2	6.41	0.7	60	10	223	9.67
V703420		0.11	4.08	4.33	0.7	6.73	27	590	0.8	<2	2.39	1.0	17	62	147	5.13
V703421		2.27	<0.005		<0.5	8.21	17	10	<0.5	<2	8.05	0.5	39	16	131	6.66
V703422		1.42	<0.005		<0.5	8.03	23	30	<0.5	<2	6.25	<0.5	63	14	560	8.92
V703423		2.46	<0.005		<0.5	7.75	23	30	<0.5	<2	7.24	<0.5	45	16	222	7.28
V703424		3.76	<0.005		<0.5	7.68	32	20	<0.5	<2	7.67	<0.5	50	17	153	7.54
V703425		3.66	<0.005		<0.5	8.23	33	90	<0.5	<2	8.06	<0.5	47	18	324	7.38
V703426		2.13	<0.005		<0.5	7.87	29	30	<0.5	<2	7.45	<0.5	48	13	291	8.23
V703427		2.40	<0.005		<0.5	8.15	20	20	<0.5	<2	8.91	<0.5	38	13	258	7.01
V703428		3.67	<0.005		<0.5	8.20	20	20	<0.5	<2	8.70	<0.5	40	16	174	7.19
V703429		3.77	<0.005		<0.5	8.23	33	40	<0.5	<2	8.65	<0.5	46	18	295	6.80
V703430		3.93	<0.005		<0.5	7.83	9	100	<0.5	<2	8.41	<0.5	43	15	118	6.68
V703431		2.32	<0.005		<0.5	7.26	9	110	<0.5	<2	7.97	<0.5	42	14	227	6.34
V703432		3.64	<0.005		<0.5	7.82	12	110	<0.5	2	8.36	<0.5	44	14	181	6.79
V703433		3.65	0.011		<0.5	8.01	48	110	<0.5	<2	7.93	<0.5	49	13	319	7.12
V703434		3.85	0.005		<0.5	8.52	54	150	<0.5	<2	7.65	<0.5	48	11	421	7.37
V703435		3.69	<0.005		<0.5	7.84	52	200	<0.5	<2	8.08	<0.5	44	11	338	6.74

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Finalisée date: 9- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703396		10	0.30	<10	4.81	1345	<1	1.45	85	200	<2	0.07	<5	38	152	<20
V703397		10	0.52	<10	4.57	1280	<1	1.22	81	170	<2	0.11	<5	36	137	<20
V703398		10	0.54	<10	4.75	1355	<1	1.13	86	160	<2	0.12	<5	37	139	<20
V703399		10	0.31	<10	4.80	1395	<1	1.08	82	160	<2	0.10	<5	40	135	<20
V703400		20	2.07	40	2.29	619	1	2.15	65	970	20	0.07	<5	20	422	<20
V703401		10	0.65	<10	4.71	1170	<1	0.97	81	160	<2	0.12	<5	37	126	<20
V703402		20	0.73	<10	4.59	1145	<1	1.15	79	150	<2	0.14	<5	36	146	<20
V703403		20	0.62	<10	4.66	1270	<1	1.52	82	150	<2	0.04	<5	35	148	<20
V703404		10	0.62	<10	4.71	1240	<1	1.51	81	150	<2	0.04	<5	39	145	<20
V703405		10	0.49	<10	4.36	1175	<1	1.43	79	160	<2	0.08	<5	36	148	<20
V703406		20	0.26	<10	4.63	1300	<1	1.31	80	180	<2	0.05	<5	40	113	<20
V703407		20	0.28	<10	4.57	1325	<1	1.19	81	150	<2	0.06	<5	37	130	<20
V703408		20	0.29	<10	4.83	1325	1	1.22	85	180	<2	0.06	<5	40	141	<20
V703409		10	0.16	<10	4.96	1255	<1	1.43	85	150	<2	0.10	5	36	123	<20
V703410		20	0.29	<10	4.99	1270	<1	1.23	89	180	3	0.07	<5	38	141	<20
V703411		10	0.31	<10	4.69	1285	<1	1.22	86	150	<2	0.08	7	34	133	<20
V703412		10	0.51	<10	4.62	1260	<1	1.21	83	140	344	0.05	<5	34	109	<20
V703413		20	0.52	<10	3.88	1245	<1	1.51	67	140	<2	0.08	<5	33	125	<20
V703414		20	0.29	<10	4.00	1270	<1	0.85	70	130	<2	0.07	<5	37	114	<20
V703415		20	0.77	<10	4.16	1250	<1	1.38	68	140	<2	0.12	<5	39	112	<20
V703416		20	0.59	<10	4.22	1370	<1	1.51	66	140	<2	0.09	<5	39	130	<20
V703417		20	0.59	<10	4.22	1325	<1	1.33	69	140	<2	0.08	<5	34	154	<20
V703418		20	0.47	<10	4.28	1320	<1	1.43	69	160	<2	0.07	<5	39	170	<20
V703419		20	0.04	<10	4.71	1435	<1	1.28	88	130	<2	0.55	<5	29	219	<20
V703420		20	1.06	10	1.48	866	7	2.15	42	750	45	0.14	<5	16	276	<20
V703421		20	0.05	<10	3.48	1125	<1	2.06	64	170	<2	0.12	<5	42	275	<20
V703422		20	0.09	<10	4.86	1450	<1	1.78	85	150	<2	0.21	<5	28	177	<20
V703423		20	0.12	<10	4.18	1295	<1	1.68	67	180	2	0.04	<5	32	186	<20
V703424		20	0.09	<10	4.47	1325	<1	1.52	68	180	<2	0.02	<5	36	211	<20
V703425		20	0.44	<10	4.42	1335	<1	1.46	78	150	2	0.06	<5	36	189	<20
V703426		20	0.14	<10	4.71	1365	<1	1.69	82	180	<2	0.06	<5	38	206	<20
V703427		20	0.07	<10	3.70	1270	<1	2.05	62	120	<2	0.07	<5	34	297	<20
V703428		20	0.06	<10	3.73	1195	<1	1.98	69	140	<2	0.05	<5	34	310	<20
V703429		20	0.20	<10	3.99	1210	<1	1.56	72	130	<2	0.04	<5	36	216	<20
V703430		20	0.48	<10	4.43	1395	<1	1.44	75	150	<2	0.05	<5	35	164	<20
V703431		10	0.50	<10	4.30	1185	<1	1.42	71	130	<2	0.05	<5	37	127	<20
V703432		20	0.49	<10	4.58	1290	<1	1.36	80	130	<2	0.06	<5	35	166	<20
V703433		20	0.45	<10	4.46	1355	1	1.40	77	150	2	0.05	<5	32	221	<20
V703434		20	0.63	<10	4.42	1390	<1	1.45	78	140	<2	0.07	<5	36	233	<20
V703435		20	0.81	<10	4.06	1260	<1	1.22	69	130	<2	0.07	<5	34	197	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 9- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703396		0.29	<10	<10	214	<10	65
V703397		0.28	<10	<10	212	<10	63
V703398		0.29	<10	<10	220	<10	75
V703399		0.30	<10	<10	223	<10	82
V703400		0.66	<10	<10	186	<10	133
V703401		0.28	<10	<10	219	<10	44
V703402		0.29	<10	<10	211	<10	43
V703403		0.29	<10	<10	215	<10	55
V703404		0.30	10	<10	217	<10	54
V703405		0.28	<10	<10	205	<10	48
V703406		0.30	<10	<10	208	<10	71
V703407		0.28	<10	<10	208	<10	75
V703408		0.30	<10	<10	211	<10	57
V703409		0.27	<10	<10	212	<10	53
V703410		0.29	<10	<10	224	<10	56
V703411		0.28	<10	<10	212	<10	47
V703412		0.28	<10	<10	206	<10	99
V703413		0.27	10	<10	206	<10	58
V703414		0.27	<10	<10	197	<10	64
V703415		0.28	<10	<10	204	<10	58
V703416		0.28	<10	<10	214	<10	79
V703417		0.27	10	<10	207	<10	75
V703418		0.30	<10	<10	223	<10	63
V703419		0.22	<10	<10	212	<10	82
V703420		0.36	10	<10	143	40	290
V703421		0.30	10	<10	213	<10	55
V703422		0.25	<10	<10	215	<10	93
V703423		0.34	<10	<10	233	<10	74
V703424		0.34	<10	<10	243	<10	65
V703425		0.30	<10	<10	218	<10	64
V703426		0.31	<10	<10	238	30	68
V703427		0.23	<10	<10	206	<10	57
V703428		0.26	<10	<10	216	<10	56
V703429		0.28	<10	<10	209	<10	61
V703430		0.29	<10	<10	226	<10	66
V703431		0.26	<10	<10	200	<10	47
V703432		0.27	<10	<10	216	<10	49
V703433		0.29	<10	<10	215	<10	69
V703434		0.27	<10	<10	209	<10	81
V703435		0.25	<10	<10	195	<10	69

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CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703436		2.84	<0.005		<0.5	8.25	51	200	<0.5	<2	7.51	<0.5	48	10	202	7.11
V703437		2.34	<0.005		<0.5	8.40	55	200	<0.5	<2	6.92	<0.5	45	11	208	6.77
V703438		2.27	0.005		<0.5	7.14	60	160	<0.5	<2	8.87	<0.5	48	11	13	7.49
V703439		2.40	<0.005		<0.5	7.37	65	10	<0.5	<2	5.95	<0.5	69	9	188	11.80
V703440		0.76	<0.005		<0.5	7.55	<5	990	1.3	<2	2.24	<0.5	25	116	62	6.23
V703441		1.89	<0.005		<0.5	7.43	41	20	<0.5	<2	6.07	<0.5	63	6	101	12.30
V703442		3.81	<0.005		<0.5	7.33	27	20	<0.5	<2	6.58	<0.5	58	7	55	11.95
V703443		3.82	<0.005		<0.5	7.23	35	30	<0.5	3	7.58	0.5	66	6	79	12.60
V703444		3.76	<0.005		<0.5	7.12	29	30	<0.5	<2	7.50	<0.5	64	6	78	12.45
V703445		3.60	<0.005		<0.5	7.68	15	40	<0.5	3	7.38	<0.5	54	8	55	12.35
V703446		3.59	<0.005		<0.5	7.41	23	80	<0.5	<2	7.25	0.5	62	6	88	12.35
V703447		3.74	<0.005		<0.5	7.40	25	80	<0.5	2	7.78	0.5	68	6	110	12.65
V703448		3.79	<0.005		<0.5	7.40	19	50	<0.5	<2	7.04	<0.5	64	6	89	12.60
V703449		3.79	<0.005		<0.5	7.51	15	90	<0.5	2	6.90	<0.5	60	5	53	12.40
V703450		3.79	<0.005		<0.5	6.91	9	50	<0.5	<2	6.83	<0.5	58	6	44	12.40
V703451		3.79	<0.005		<0.5	7.11	23	110	<0.5	<2	7.02	0.5	71	5	97	12.55
V703452		3.78	<0.005		<0.5	7.16	22	100	<0.5	<2	6.94	<0.5	64	4	73	12.55
V703453		3.74	<0.005		<0.5	7.18	13	160	<0.5	<2	7.27	0.6	56	4	62	12.35
V703454		3.93	<0.005		<0.5	7.12	12	240	<0.5	3	7.10	0.6	61	3	105	12.55
V703455		3.73	<0.005		<0.5	7.08	23	140	0.5	2	6.95	<0.5	61	5	63	12.30
V703456		3.13	<0.005		<0.5	7.31	24	130	0.6	<2	7.12	<0.5	61	4	65	11.90
V703457		3.64	<0.005		<0.5	6.96	48	90	0.5	<2	7.56	<0.5	60	4	64	12.05
V703458		3.13	<0.005		<0.5	6.81	34	70	0.6	12	6.47	0.9	44	4	31	11.10
V703459		2.73	<0.005		<0.5	7.14	55	60	0.6	7	5.25	0.7	56	8	47	12.15
V703460		0.11	4.01	4.01	0.7	6.88	31	600	0.8	4	2.41	0.8	17	61	151	5.16
V703461		3.38	<0.005		<0.5	6.84	61	100	0.5	4	6.07	0.8	62	8	66	12.00
V703462		3.46	<0.005		<0.5	6.57	69	50	<0.5	7	6.02	0.9	58	5	54	11.30
V703463		3.53	<0.005		<0.5	7.01	46	70	0.5	5	6.01	0.8	49	5	38	11.45
V703464		3.65	<0.005		<0.5	7.15	36	50	<0.5	7	6.29	0.8	53	5	37	11.45
V703465		2.50	<0.005		<0.5	7.22	46	60	0.5	6	5.77	0.6	59	5	38	11.85
V703466		1.88	<0.005		<0.5	7.07	13	100	1.3	5	6.88	<0.5	37	5	15	10.25
V703467		3.13	<0.005		<0.5	7.13	12	120	0.8	<2	6.58	0.8	52	5	30	11.40
V703468		3.83	<0.005		<0.5	7.16	14	140	0.6	3	6.45	1.0	58	5	35	11.40
V703469		2.48	<0.005		<0.5	7.36	6	140	0.5	<2	6.09	0.9	52	4	24	11.45
V703470		2.51	<0.005		<0.5	7.31	14	150	0.5	5	5.47	0.8	53	4	28	11.20
V703471		3.49	<0.005		<0.5	7.35	7	150	0.8	8	5.37	0.8	44	4	22	11.75
V703472		3.65	<0.005		<0.5	7.21	<5	110	0.6	6	6.34	0.8	52	5	30	11.50
V703473		3.61	<0.005		<0.5	7.32	8	120	0.7	3	6.45	0.9	51	5	25	11.80
V703474		3.43	<0.005		<0.5	7.37	7	70	0.5	9	5.97	1.0	56	5	35	11.55
V703475		3.62	<0.005		<0.5	7.32	8	110	<0.5	4	6.76	0.9	58	5	32	11.45

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CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703436		20	0.76	<10	4.43	1300	<1	1.44	68	150	2	0.04	<5	34	221	<20
V703437		20	0.64	<10	4.27	1265	<1	2.08	71	130	<2	0.03	<5	36	176	<20
V703438		20	0.47	<10	3.57	1505	<1	1.46	53	180	<2	<0.01	<5	39	89	<20
V703439		20	0.03	<10	4.21	1780	<1	1.18	35	250	<2	0.30	<5	52	114	<20
V703440		20	2.06	40	2.07	672	1	1.91	61	770	12	0.15	<5	24	413	20
V703441		20	0.03	<10	3.51	1640	<1	0.89	16	260	2	0.42	<5	48	245	<20
V703442		10	0.05	<10	3.49	1940	<1	1.42	20	230	<2	0.34	<5	49	233	<20
V703443		20	0.06	<10	3.35	1980	<1	0.76	23	230	<2	0.29	<5	48	245	<20
V703444		20	0.06	<10	3.38	1870	<1	0.89	23	210	<2	0.33	<5	48	239	<20
V703445		20	0.08	<10	3.39	1930	<1	1.61	30	240	<2	0.31	<5	46	239	<20
V703446		20	0.12	<10	3.25	1820	<1	1.60	25	270	<2	0.30	<5	47	186	<20
V703447		20	0.14	<10	3.17	1905	<1	1.16	23	230	<2	0.30	<5	49	415	<20
V703448		20	0.10	<10	3.51	2210	<1	1.50	25	230	<2	0.26	<5	50	248	<20
V703449		20	0.16	<10	3.59	2390	<1	1.82	25	390	<2	0.28	<5	50	141	<20
V703450		20	0.10	<10	3.75	2420	<1	1.07	25	220	<2	0.29	<5	51	137	<20
V703451		20	0.16	<10	3.32	2170	<1	1.45	31	220	<2	0.42	<5	49	157	<20
V703452		20	0.15	<10	3.40	2090	<1	1.55	23	230	<2	0.29	<5	51	147	<20
V703453		20	0.20	<10	3.29	2250	<1	1.65	24	240	2	0.28	<5	53	141	<20
V703454		20	0.26	<10	3.09	3030	<1	1.45	23	250	4	0.34	<5	54	147	<20
V703455		20	0.15	<10	3.47	3530	<1	1.52	28	230	3	0.30	<5	56	147	<20
V703456		20	0.16	<10	3.37	3620	<1	1.76	30	210	<2	0.37	<5	53	157	<20
V703457		20	0.12	<10	3.23	2420	<1	1.54	26	210	<2	0.30	<5	51	148	<20
V703458		20	0.19	10	3.42	2880	1	1.94	23	300	<2	0.23	<5	50	116	<20
V703459		20	0.16	10	3.59	2750	<1	1.56	24	540	2	0.25	<5	48	144	<20
V703460		20	1.08	10	1.50	864	8	2.19	41	750	48	0.14	7	16	276	<20
V703461		20	0.41	<10	3.27	2380	<1	1.69	23	230	2	0.33	9	47	101	<20
V703462		20	0.16	10	3.01	2060	<1	1.58	16	240	4	0.15	5	44	72	<20
V703463		20	0.26	<10	3.23	2220	<1	1.98	12	240	4	0.26	6	47	180	<20
V703464		20	0.16	<10	3.22	2270	<1	1.81	13	240	5	0.23	<5	46	232	<20
V703465		20	0.23	10	3.34	2110	<1	1.50	12	300	6	0.33	6	48	217	<20
V703466		20	0.22	10	2.84	2680	<1	1.68	7	270	4	0.17	7	44	229	<20
V703467		20	0.35	10	3.00	2210	<1	1.39	10	280	3	0.22	6	49	150	<20
V703468		20	0.39	<10	3.00	2050	<1	1.52	8	290	2	0.26	<5	48	153	<20
V703469		20	0.52	10	3.11	2120	<1	1.92	8	280	3	0.25	11	47	200	<20
V703470		20	0.59	10	3.11	2070	<1	2.06	8	280	<2	0.24	<5	45	136	<20
V703471		20	0.60	10	3.58	2520	<1	2.10	9	250	<2	0.31	<5	50	111	<20
V703472		20	0.42	<10	3.19	2300	<1	1.82	10	280	<2	0.34	<5	48	153	<20
V703473		20	0.41	<10	3.36	2290	<1	1.12	11	280	2	0.29	<5	47	120	<20
V703474		20	0.19	10	3.21	2150	<1	1.72	11	240	<2	0.32	<5	47	196	<20
V703475		20	0.27	<10	2.88	1860	<1	1.86	9	280	2	0.22	5	46	188	<20

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V703436		0.27	<10	<10	207	<10	72
V703437		0.27	<10	<10	201	<10	90
V703438		0.38	<10	<10	283	<10	65
V703439		1.02	<10	<10	741	<10	89
V703440		0.62	<10	<10	178	<10	118
V703441		0.95	<10	<10	799	<10	78
V703442		0.99	<10	<10	816	<10	75
V703443		1.01	<10	<10	857	<10	83
V703444		1.03	<10	<10	896	<10	78
V703445		0.97	<10	<10	818	<10	67
V703446		1.01	<10	<10	860	<10	75
V703447		1.00	<10	<10	878	<10	86
V703448		1.02	<10	<10	851	<10	100
V703449		1.03	<10	<10	878	<10	78
V703450		1.04	<10	<10	873	<10	70
V703451		1.00	<10	<10	883	<10	109
V703452		1.06	<10	<10	896	<10	102
V703453		1.05	<10	<10	915	<10	99
V703454		0.98	<10	<10	879	<10	190
V703455		1.02	<10	<10	944	<10	151
V703456		1.07	<10	<10	988	<10	120
V703457		1.04	<10	<10	953	<10	85
V703458		0.95	10	<10	830	<10	75
V703459		0.89	<10	<10	783	<10	94
V703460		0.37	<10	<10	141	40	291
V703461		0.97	<10	<10	775	<10	94
V703462		0.92	10	<10	741	<10	78
V703463		0.90	<10	<10	745	<10	75
V703464		0.88	10	<10	728	<10	77
V703465		0.91	10	<10	724	<10	75
V703466		0.84	20	<10	690	<10	73
V703467		0.93	<10	<10	717	<10	82
V703468		0.89	10	<10	689	<10	76
V703469		0.90	10	<10	701	<10	73
V703470		0.84	10	<10	649	<10	70
V703471		0.93	10	<10	726	<10	68
V703472		0.90	10	<10	710	<10	69
V703473		0.91	<10	<10	724	<10	72
V703474		0.92	10	<10	721	<10	82
V703475		0.91	10	<10	711	<10	78

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V703476		3.71	<0.005		<0.5	7.05	8	110	<0.5	4	6.58	0.7	55	5	35	11.20
V703477		3.77	<0.005		<0.5	7.16	14	110	<0.5	6	6.74	1.0	55	5	31	11.30
V703478		3.80	<0.005		<0.5	7.39	10	110	<0.5	<2	6.90	0.7	57	6	35	11.85
V703479		3.71	<0.005		<0.5	7.40	13	110	<0.5	7	6.82	0.9	59	6	37	12.10
V703480		0.57	<0.005		<0.5	7.74	<5	830	1.4	<2	2.48	<0.5	23	110	26	5.85
V703481		3.66	<0.005		<0.5	7.32	7	110	<0.5	6	6.56	0.5	55	8	37	11.55
V703482		2.29	<0.005		<0.5	7.43	9	140	<0.5	5	6.60	<0.5	53	7	36	11.25
V703483		0.87	<0.005		<0.5	7.08	24	100	<0.5	3	6.82	0.7	154	10	194	13.10
V703484		3.41	<0.005		<0.5	7.37	14	80	<0.5	2	6.83	1.0	52	6	31	11.35
V703485		3.11	<0.005		<0.5	7.24	12	80	<0.5	4	6.94	0.9	56	7	41	11.70
V703486		3.15	<0.005		<0.5	6.94	7	70	<0.5	4	6.64	0.9	57	6	50	11.45
V703487		3.64	<0.005		<0.5	7.26	7	70	<0.5	6	6.72	0.6	59	6	62	11.80
V703488		3.59	<0.005		<0.5	7.35	12	80	<0.5	<2	6.83	1.2	66	6	115	12.35
V703489		3.82	<0.005		<0.5	7.27	29	70	<0.5	5	6.88	0.6	59	5	66	12.10
V703490		3.69	<0.005		<0.5	7.39	47	60	<0.5	7	6.51	0.8	68	5	93	12.35
V703491		3.75	<0.005		<0.5	7.27	27	50	<0.5	3	6.72	1.0	61	5	65	12.20
V703492		3.85	<0.005		<0.5	7.29	27	30	<0.5	2	6.80	1.3	61	5	53	12.20
V703493		3.73	<0.005		<0.5	7.25	20	20	<0.5	<2	6.87	0.8	52	5	29	11.70
V703494		2.87	<0.005		<0.5	7.09	27	30	<0.5	5	6.54	0.8	54	5	35	11.75
V703495		2.35	<0.005		<0.5	7.21	18	30	<0.5	5	6.32	1.0	48	5	38	11.70
V703496		0.91	<0.005		<0.5	3.50	16	20	0.6	<2	8.08	0.5	23	5	6	5.62
V703497		2.08	<0.005		<0.5	6.39	12	10	2.5	<2	8.79	0.7	16	6	7	7.95
V703498		1.55	<0.005		<0.5	7.20	24	10	1.6	5	6.25	0.5	30	5	9	10.80
V703499		Not Recvd														
V703500		0.11	4.05	4.09	0.8	7.06	34	610	0.8	<2	2.45	1.0	17	63	154	5.23
V703501		1.37	0.005		<0.5	5.95	23	20	1.6	<2	11.35	0.5	18	3	3	8.93
V703502		0.78	0.893		<0.5	6.31	2600	40	0.8	4	8.71	0.5	16	2	23	9.83
V703503		0.79	<0.005		<0.5	6.47	10	30	0.8	5	5.10	<0.5	9	2	16	8.47
V703504		1.76	0.016		<0.5	6.24	518	90	0.7	4	4.08	<0.5	13	2	14	9.16
V703505		2.30	0.005		<0.5	6.29	13	170	0.8	<2	4.03	<0.5	12	2	8	10.05
V703506		2.01	0.022		<0.5	6.29	33	280	0.9	<2	3.86	<0.5	14	3	7	10.60
V703507		0.80	0.141		<0.5	6.19	631	300	0.8	<2	4.04	<0.5	18	2	11	11.80
V703508		1.29	0.217		<0.5	6.30	54	250	0.9	5	4.16	0.5	18	3	6	11.70
V703509		1.35	0.013		<0.5	6.44	11	100	0.9	2	4.23	<0.5	11	5	1	9.91
V703510		0.76	0.041		<0.5	6.05	1335	150	0.8	<2	3.62	<0.5	11	2	10	9.45
V703511		0.76	0.076		<0.5	5.55	631	110	0.7	4	5.63	<0.5	13	3	6	8.29
V703512		2.12	0.037		<0.5	6.22	50	90	0.9	<2	3.93	<0.5	12	2	9	8.73
V703513		2.72	0.081		<0.5	6.05	21	200	0.9	<2	5.02	<0.5	8	3	1	8.37
V703514		1.31	0.015		<0.5	6.03	24	60	0.8	<2	5.27	<0.5	8	3	1	6.19
V703515		2.20	0.251		<0.5	6.30	28	60	0.9	<2	3.69	0.5	8	3	2	6.82

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 9- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703476		20	0.22	<10	2.77	1735	<1	1.77	8	270	<2	0.21	<5	44	169	<20
V703477		20	0.19	10	2.80	1755	1	1.78	9	270	4	0.21	<5	44	163	<20
V703478		20	0.18	10	2.94	1875	<1	1.78	9	270	<2	0.23	<5	47	163	<20
V703479		20	0.17	10	2.98	1920	<1	1.75	12	270	4	0.23	5	47	157	<20
V703480		20	1.93	30	1.93	660	1	2.16	58	900	16	0.06	<5	21	452	<20
V703481		20	0.16	10	2.79	1790	<1	1.80	13	300	5	0.25	<5	45	152	<20
V703482		20	0.19	10	2.66	1825	1	1.95	10	360	4	0.22	<5	44	146	<20
V703483		20	0.15	<10	3.03	1880	<1	1.62	34	270	3	1.18	<5	45	142	<20
V703484		20	0.14	<10	3.00	1805	<1	1.89	10	270	3	0.21	<5	45	149	<20
V703485		20	0.17	<10	2.99	1795	1	1.72	12	260	3	0.24	7	47	143	<20
V703486		20	0.15	<10	2.91	1760	<1	1.60	14	250	<2	0.22	7	45	135	<20
V703487		20	0.14	<10	3.02	1795	<1	1.77	15	250	<2	0.24	<5	47	140	<20
V703488		20	0.15	10	3.07	1810	<1	1.78	17	250	2	0.40	5	47	135	<20
V703489		20	0.14	<10	3.04	1785	<1	1.76	13	260	<2	0.25	<5	48	136	<20
V703490		20	0.13	<10	3.09	1815	<1	1.72	15	260	3	0.37	5	47	148	<20
V703491		20	0.12	<10	3.12	1835	<1	1.65	12	260	<2	0.37	<5	49	162	<20
V703492		20	0.11	<10	3.21	1885	<1	1.59	12	260	5	0.26	<5	48	166	<20
V703493		20	0.09	<10	3.42	2050	<1	1.73	14	250	3	0.21	<5	48	183	<20
V703494		20	0.09	<10	3.24	1955	<1	1.82	12	240	4	0.24	<5	47	192	<20
V703495		20	0.14	<10	3.41	2030	<1	1.98	15	220	2	0.27	7	48	206	<20
V703496		10	0.09	10	1.27	1735	1	0.59	1	410	6	0.03	<5	27	111	<20
V703497		20	0.01	10	1.32	4820	<1	0.28	1	200	5	0.06	<5	27	259	<20
V703498		20	0.06	10	1.99	2920	<1	1.57	3	500	3	0.14	<5	44	208	<20
V703499																
V703500		20	1.10	10	1.52	882	7	2.21	44	760	46	0.15	6	16	282	<20
V703501		20	0.04	10	1.27	4280	<1	1.96	<1	460	2	0.03	8	30	175	<20
V703502		20	0.06	10	1.22	2440	<1	2.67	<1	1640	<2	0.42	<5	43	136	<20
V703503		20	0.05	10	1.06	1540	1	3.02	<1	1980	2	0.17	6	43	92	<20
V703504		20	0.10	10	0.89	1610	1	2.94	<1	1950	2	0.26	5	45	81	<20
V703505		20	0.21	10	0.73	1655	<1	2.73	<1	2010	2	0.20	<5	42	123	<20
V703506		20	0.34	10	0.72	1775	<1	2.80	<1	2170	<2	0.18	6	41	131	<20
V703507		20	0.37	10	0.78	1920	1	2.44	<1	2420	2	0.30	<5	35	125	<20
V703508		20	0.31	10	0.91	1970	<1	2.12	<1	2370	5	0.13	7	36	137	<20
V703509		30	0.14	10	1.10	1545	<1	2.05	<1	2280	2	0.01	<5	34	111	<20
V703510		20	0.18	10	0.90	1650	<1	2.66	<1	1850	3	0.22	<5	34	84	<20
V703511		20	0.15	10	0.77	1530	<1	2.15	<1	1620	3	0.12	5	33	114	<20
V703512		20	0.13	20	0.89	1355	1	2.08	<1	1770	2	0.18	<5	35	124	<20
V703513		20	0.28	10	0.72	1455	<1	2.43	<1	1550	2	0.02	<5	36	160	<20
V703514		20	0.10	10	0.95	1290	<1	3.10	1	1220	<2	<0.01	<5	34	74	<20
V703515		20	0.11	10	0.95	1305	<1	2.83	<1	1100	3	0.04	<5	34	93	<20

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703476		0.87	10	<10	689	<10	73
V703477		0.87	10	<10	698	<10	75
V703478		0.90	10	<10	738	<10	79
V703479		0.91	<10	<10	744	<10	81
V703480		0.60	<10	<10	168	<10	109
V703481		0.86	10	<10	676	<10	77
V703482		0.82	<10	<10	644	<10	84
V703483		0.82	20	<10	637	<10	90
V703484		0.87	<10	<10	698	<10	71
V703485		0.90	10	<10	735	<10	76
V703486		0.88	<10	<10	694	<10	76
V703487		0.86	<10	<10	702	<10	76
V703488		0.91	10	<10	747	<10	78
V703489		0.91	10	<10	731	<10	78
V703490		0.92	<10	<10	739	<10	81
V703491		0.93	10	<10	752	<10	79
V703492		0.94	<10	<10	748	<10	70
V703493		0.97	10	<10	704	<10	61
V703494		1.00	10	<10	679	<10	67
V703495		1.06	10	<10	721	<10	67
V703496		0.62	<10	<10	301	<10	42
V703497		0.81	<10	<10	180	<10	81
V703498		1.27	10	<10	247	10	78
V703499							
V703500		0.37	<10	<10	143	40	293
V703501		1.18	10	<10	122	10	81
V703502		1.01	10	<10	47	<10	68
V703503		0.74	<10	<10	12	<10	60
V703504		0.77	<10	<10	1	<10	62
V703505		0.69	<10	<10	<1	<10	68
V703506		0.68	10	<10	<1	<10	72
V703507		0.66	<10	<10	<1	<10	76
V703508		0.70	<10	<10	<1	<10	74
V703509		0.69	10	<10	<1	10	62
V703510		0.67	<10	<10	<1	<10	57
V703511		0.59	10	<10	1	<10	49
V703512		0.62	<10	<10	<1	20	50
V703513		0.62	10	<10	<1	10	47
V703514		0.55	10	<10	1	<10	39
V703515		0.59	<10	<10	<1	<10	44

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CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703516		2.22	0.062		<0.5	6.28	12	60	1.0	6	2.95	<0.5	12	5	9	8.00
V703517		2.31	0.063		<0.5	6.03	16	140	1.0	<2	4.27	<0.5	6	5	7	7.53
V703518		1.74	0.011		<0.5	6.14	22	190	1.1	3	3.34	<0.5	10	4	13	8.12
V703519		0.84	0.299		<0.5	5.83	832	30	0.8	2	5.30	<0.5	7	3	1	6.05
V703520		0.60	<0.005		<0.5	7.33	10	1070	1.7	3	2.30	<0.5	22	110	21	5.52
V703521		0.72	<0.005		<0.5	5.91	7	20	0.8	<2	2.35	<0.5	5	5	4	5.41
V703522		0.78	<0.005		<0.5	6.18	26	20	0.8	<2	3.52	<0.5	6	5	1	5.45
V703523		2.54	<0.005		<0.5	6.13	<5	20	1.1	<2	2.90	<0.5	5	3	1	5.20
V703524		3.30	<0.005		<0.5	6.35	<5	50	0.9	<2	3.20	<0.5	7	5	1	5.99
V703525		2.35	0.005		<0.5	6.16	<5	40	1.0	2	2.95	<0.5	7	4	1	6.48
V703526		1.93	<0.005		<0.5	6.09	19	60	1.0	<2	3.67	<0.5	7	4	1	6.90
V703527		0.84	0.013		<0.5	6.09	328	140	1.1	<2	2.99	<0.5	7	5	<1	7.24
V703528		0.78	0.005		<0.5	6.19	7	140	1.1	4	3.33	<0.5	8	4	2	7.25
V703529		0.88	0.017		<0.5	6.03	93	100	0.9	3	3.14	<0.5	7	4	10	7.42
V703530		2.30	0.025		<0.5	6.06	35	30	1.0	<2	3.80	<0.5	6	5	5	6.59
V703531		2.42	<0.005		<0.5	6.01	7	60	1.1	5	4.04	<0.5	4	6	6	5.29
V703532		3.05	0.011		<0.5	6.07	22	90	1.0	3	3.58	<0.5	7	5	9	6.86
V703533		1.57	<0.005		<0.5	6.15	26	70	0.9	<2	2.44	<0.5	6	4	14	6.14
V703534		2.67	0.008		<0.5	6.06	64	50	1.1	<2	3.24	<0.5	7	4	5	6.06
V703535		1.96	<0.005		<0.5	5.98	67	60	1.0	<2	2.85	<0.5	5	4	6	6.81
V703536		0.83	0.016		<0.5	6.30	326	140	1.1	<2	3.26	<0.5	8	5	11	8.33
V703537		1.66	0.008		<0.5	5.77	61	190	0.9	<2	2.39	<0.5	6	5	14	8.19
V703538		0.80	0.015		<0.5	5.93	495	130	1.0	4	3.38	<0.5	8	5	16	7.36
V703539		1.60	0.005		<0.5	6.41	14	70	3.2	<2	3.86	<0.5	7	4	3	6.43
V703540		0.10	3.81	3.79	0.6	7.18	35	620	0.8	4	2.50	1.0	18	64	158	5.34
V703541		0.83	<0.005		<0.5	6.21	57	30	1.1	<2	4.61	0.5	5	4	1	5.40
V703542		3.01	<0.005		<0.5	6.45	15	100	1.0	2	3.60	<0.5	7	4	<1	7.06
V703543		2.37	<0.005		<0.5	6.08	20	120	0.9	<2	3.34	<0.5	8	3	1	7.11
V703544		2.90	<0.005		<0.5	6.22	62	90	0.9	<2	3.58	<0.5	8	4	3	7.67
V703545		1.17	0.006		<0.5	6.29	5	170	1.0	2	3.07	<0.5	9	4	10	8.33
V703546		2.54	<0.005		<0.5	6.10	<5	70	1.0	<2	3.77	<0.5	6	8	1	5.59
V703547		0.82	0.007		<0.5	6.11	145	70	0.9	<2	3.47	<0.5	7	8	<1	6.02
V703548		2.31	0.005		<0.5	6.16	74	50	0.8	<2	2.88	<0.5	8	3	10	8.19
V703549		0.79	0.106		<0.5	6.37	1660	90	0.7	<2	3.03	<0.5	14	3	9	8.67
V703550		1.74	<0.005		<0.5	6.50	65	70	1.2	2	3.38	<0.5	11	4	10	7.73
V703551		2.56	<0.005		<0.5	6.19	<5	40	1.2	<2	4.31	<0.5	7	5	<1	6.02
V703552		1.86	<0.005		<0.5	6.34	<5	30	1.0	<2	3.58	<0.5	7	6	2	6.90
V703553		1.02	0.013		<0.5	5.93	524	90	0.8	2	3.42	<0.5	9	3	47	8.36
V703554		0.83	<0.005		<0.5	6.30	7	180	1.0	3	2.77	<0.5	11	3	18	9.25
V703555		0.80	0.010		<0.5	5.99	467	150	0.9	3	3.35	<0.5	10	3	9	8.51

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CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703516		20	0.10	10	1.14	1605	<1	2.66	<1	1380	2	0.13	6	28	70	<20
V703517		20	0.20	10	0.64	1365	1	2.24	<1	930	<2	0.11	<5	28	121	<20
V703518		20	0.27	10	0.65	1420	1	3.08	<1	1050	<2	0.24	<5	30	84	<20
V703519		20	0.07	10	0.88	1240	2	2.95	<1	850	3	0.07	<5	24	71	<20
V703520		20	2.17	30	2.00	702	<1	2.15	50	970	20	0.04	<5	19	432	<20
V703521		20	0.04	10	0.64	988	<1	3.28	<1	590	2	0.05	<5	19	48	<20
V703522		20	0.05	20	0.81	1020	1	2.88	<1	810	<2	0.01	<5	22	98	<20
V703523		20	0.09	10	1.04	1005	<1	3.17	<1	890	<2	<0.01	<5	23	50	<20
V703524		20	0.11	10	0.97	1040	<1	3.00	<1	1040	3	<0.01	<5	27	74	<20
V703525		20	0.09	20	1.01	991	1	2.67	<1	1080	2	<0.01	7	23	76	<20
V703526		30	0.12	20	0.83	1150	<1	2.26	<1	890	3	0.01	<5	22	103	<20
V703527		20	0.22	20	0.69	1270	1	2.77	<1	1000	2	0.02	<5	26	90	<20
V703528		20	0.22	10	0.60	1235	1	2.70	<1	860	2	0.02	<5	23	92	<20
V703529		20	0.16	10	0.54	1235	<1	2.93	<1	890	4	0.12	5	25	74	<20
V703530		20	0.07	10	0.75	1130	<1	2.56	<1	790	<2	0.06	<5	19	68	<20
V703531		20	0.14	20	0.65	949	1	2.37	3	530	7	0.01	<5	17	84	<20
V703532		20	0.14	20	0.49	1035	<1	2.64	<1	580	5	0.07	<5	18	88	<20
V703533		20	0.11	10	0.75	1135	<1	3.05	<1	690	4	0.07	<5	20	59	<20
V703534		20	0.09	10	0.57	1085	1	2.80	<1	690	<2	0.08	5	19	62	<20
V703535		20	0.08	20	0.59	1065	<1	2.91	<1	740	4	0.13	5	19	59	<20
V703536		20	0.19	20	0.61	1245	<1	2.83	<1	830	2	0.32	<5	22	87	<20
V703537		20	0.25	20	0.52	1280	<1	2.73	<1	780	<2	0.32	<5	16	103	<20
V703538		20	0.18	20	0.55	1220	<1	2.56	<1	730	2	0.28	<5	20	108	<20
V703539		20	0.11	10	0.79	2070	<1	2.49	<1	890	6	0.04	5	24	93	<20
V703540		20	1.14	10	1.55	910	8	2.26	42	790	52	0.15	5	16	287	<20
V703541		20	0.10	10	0.91	1100	<1	2.67	<1	910	2	0.01	<5	25	89	<20
V703542		20	0.22	10	1.02	1390	<1	2.68	<1	1200	6	<0.01	<5	26	73	<20
V703543		20	0.18	10	0.80	1345	<1	2.76	<1	1060	2	<0.01	<5	24	62	<20
V703544		20	0.16	10	0.85	1385	<1	2.54	<1	1010	<2	0.06	<5	25	67	<20
V703545		20	0.27	10	0.84	1525	<1	2.63	<1	960	2	0.29	<5	23	78	<20
V703546		20	0.15	20	0.73	1115	1	2.75	<1	780	2	0.01	<5	24	70	<20
V703547		20	0.11	20	0.67	1265	<1	3.02	<1	960	4	0.01	<5	26	61	<20
V703548		20	0.08	20	0.72	1360	<1	2.89	<1	1120	<2	0.15	6	25	48	<20
V703549		20	0.13	10	0.79	1420	<1	2.86	<1	1350	4	0.18	<5	27	67	<20
V703550		20	0.11	20	0.77	1550	<1	2.84	<1	1260	4	0.12	<5	26	75	<20
V703551		20	0.07	10	0.67	1745	1	2.39	<1	890	4	<0.01	<5	23	87	<20
V703552		20	0.08	10	1.09	1405	2	2.58	<1	1290	2	<0.01	<5	30	71	<20
V703553		20	0.14	10	0.85	1490	<1	2.60	<1	1210	2	0.39	<5	24	68	<20
V703554		20	0.26	10	0.64	1520	<1	2.73	<1	1100	<2	0.23	<5	25	88	<20
V703555		20	0.21	10	0.54	1430	<1	2.83	<1	1100	3	0.17	<5	26	82	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 9- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703516		0.54	<10	<10	1	<10	52
V703517		0.47	<10	<10	<1	10	42
V703518		0.56	<10	<10	<1	<10	45
V703519		0.43	<10	<10	1	<10	41
V703520		0.57	10	<10	156	<10	109
V703521		0.36	<10	<10	<1	<10	32
V703522		0.45	<10	<10	<1	<10	31
V703523		0.44	<10	<10	<1	<10	31
V703524		0.50	<10	<10	<1	<10	32
V703525		0.46	<10	<10	<1	<10	39
V703526		0.42	<10	<10	<1	<10	43
V703527		0.57	10	<10	<1	<10	48
V703528		0.48	<10	<10	<1	<10	46
V703529		0.51	10	<10	<1	<10	49
V703530		0.39	<10	<10	<1	<10	37
V703531		0.33	<10	<10	<1	<10	33
V703532		0.35	<10	<10	<1	<10	42
V703533		0.38	<10	<10	<1	<10	37
V703534		0.37	<10	<10	<1	<10	36
V703535		0.37	<10	<10	<1	<10	42
V703536		0.42	<10	<10	<1	<10	46
V703537		0.32	<10	<10	<1	<10	45
V703538		0.39	10	<10	<1	<10	40
V703539		0.48	<10	<10	<1	<10	45
V703540		0.38	<10	<10	145	40	303
V703541		0.45	10	<10	1	<10	30
V703542		0.52	<10	<10	<1	<10	43
V703543		0.47	<10	<10	<1	<10	41
V703544		0.46	<10	<10	<1	<10	41
V703545		0.46	10	<10	<1	<10	41
V703546		0.45	<10	<10	<1	<10	28
V703547		0.57	<10	<10	<1	<10	32
V703548		0.52	10	<10	<1	<10	43
V703549		0.55	<10	<10	<1	<10	45
V703550		0.51	10	<10	<1	<10	43
V703551		0.43	<10	<10	<1	<10	38
V703552		0.61	<10	<10	<1	<10	37
V703553		0.51	<10	<10	5	<10	42
V703554		0.50	<10	<10	<1	<10	47
V703555		0.53	<10	<10	<1	<10	47

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CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703556		1.40	<0.005		<0.5	6.18	5	170	1.0	3	3.20	<0.5	9	4	6	8.83
V703557		0.78	0.016		<0.5	6.23	42	190	1.0	<2	3.09	<0.5	7	4	6	9.07
V703558		1.18	0.005		<0.5	6.08	29	160	1.0	2	2.90	<0.5	7	3	3	8.70
V703559		2.85	0.006		<0.5	5.87	17	80	1.0	3	3.10	<0.5	9	4	1	8.01
V703560		0.81	<0.005		<0.5	7.37	<5	1410	1.1	<2	2.17	<0.5	20	91	24	5.37
V703561		2.21	<0.005		<0.5	6.35	5	50	1.0	<2	3.14	<0.5	7	3	6	7.72
V703562		1.07	<0.005		<0.5	5.93	8	40	0.8	<2	2.99	<0.5	11	3	14	7.72
V703563		0.78	0.010		<0.5	5.88	787	40	1.2	<2	2.90	<0.5	7	3	13	7.61
V703564		1.76	<0.005		<0.5	6.02	20	60	1.0	3	3.70	<0.5	6	3	3	8.04

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703556		20	0.24	10	0.50	1535	<1	2.76	<1	1090	5	0.14	<5	23	112	<20
V703557		20	0.25	10	0.49	1490	<1	2.90	<1	1190	2	0.15	<5	27	82	<20
V703558		20	0.21	10	0.47	1385	<1	2.65	<1	1070	8	0.09	<5	19	82	<20
V703559		20	0.10	10	0.58	1430	<1	2.67	<1	960	2	0.05	<5	22	60	<20
V703560		20	2.24	30	1.80	569	<1	1.96	46	930	22	0.05	<5	18	501	<20
V703561		20	0.09	10	0.83	1505	1	2.70	<1	1100	5	0.12	<5	24	58	<20
V703562		20	0.06	10	0.83	1540	1	2.67	<1	1100	<2	0.26	<5	24	57	<20
V703563		20	0.07	10	0.64	1370	<1	2.80	<1	940	<2	0.21	<5	25	60	<20
V703564		30	0.11	20	0.62	1380	<1	2.47	<1	1040	2	0.07	<5	24	83	<20

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CERTIFICAT D'ANALYSE VO17164979

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703556		0.42	10	<10	<1	<10	57
V703557		0.43	10	<10	1	<10	55
V703558		0.36	<10	<10	<1	<10	62
V703559		0.41	<10	<10	<1	<10	50
V703560		0.51	<10	<10	140	<10	111
V703561		0.52	<10	<10	<1	<10	45
V703562		0.50	<10	<10	<1	<10	43
V703563		0.47	<10	<10	2	<10	50
V703564		0.49	10	<10	<1	<10	50

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Finalisée date: 9- SEPT- 2017
Compte: MIDEXP

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CERTIFICAT D'ANALYSE VO17164979

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au- AA23	Au- GRA21	ME- ICP61	

Traité à ALS Timmins, Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

Applique à la Méthode:	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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Finalisée date: 15- SEPT- 2017
Compte: MIDEXP

CERTIFICAT VO17168336

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 73 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 11- AOUT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 15- SEPT- 2017
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CERTIFICAT D'ANALYSE VO17168336

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703846		4.19	0.012		<0.5	7.50	35	180	<0.5	<2	6.76	0.6	76	315	590	7.02
V703847		2.84	0.010		<0.5	7.15	50	50	<0.5	<2	6.91	0.9	105	365	976	8.33
V703848		2.89	0.009		<0.5	7.72	27	20	<0.5	<2	6.79	0.6	84	315	654	8.06
V703849		3.16	0.008		<0.5	7.26	21	180	<0.5	<2	6.95	0.6	53	383	272	6.39
V703850		3.21	0.006		<0.5	7.08	13	330	<0.5	<2	8.05	0.5	36	384	50	5.45
V703851		2.48	0.006		<0.5	7.51	24	470	<0.5	<2	7.23	<0.5	38	396	70	5.68
V703852		3.58	0.006		<0.5	7.61	18	220	<0.5	5	6.94	0.7	51	351	278	6.57
V703853		3.49	0.005		<0.5	7.13	13	60	<0.5	2	8.22	0.6	56	327	181	7.00
V703854		3.95	0.006		<0.5	7.85	13	110	<0.5	5	7.71	0.8	53	336	175	7.28
V703855		4.07	0.006		<0.5	7.84	22	160	<0.5	<2	7.18	0.6	70	187	315	7.51
V703856		3.57	0.005		<0.5	8.16	<5	200	<0.5	<2	6.75	<0.5	44	80	56	6.41
V703857		3.49	0.006		<0.5	7.81	<5	290	<0.5	2	6.16	<0.5	47	109	75	6.46
V703858		3.69	0.006		<0.5	7.20	23	600	0.5	<2	6.68	<0.5	42	142	43	6.16
V703859		3.47	0.007		<0.5	7.28	14	490	<0.5	3	6.36	0.6	43	116	63	6.12
V703860		0.11	3.96	NSS	0.7	6.96	34	600	0.8	<2	2.44	1.1	17	66	154	5.19
V703861		2.28	0.009		<0.5	7.51	10	230	<0.5	<2	6.54	0.6	49	113	57	6.52
V703862		1.54	0.006		<0.5	7.42	<5	230	<0.5	2	6.19	<0.5	42	170	45	5.95
V703863		3.54	0.006		<0.5	7.67	11	190	<0.5	<2	7.21	<0.5	44	164	56	6.23
V703864		3.57	0.006		<0.5	7.90	34	430	<0.5	<2	6.79	0.6	38	212	84	5.57
V703865		3.54	0.005		<0.5	7.49	45	630	0.5	<2	6.38	<0.5	36	183	67	5.28
V703866		1.94	0.007		<0.5	7.54	41	280	<0.5	<2	6.34	<0.5	45	141	80	6.14
V703867		3.07	0.007		<0.5	8.27	74	110	<0.5	<2	6.70	<0.5	47	154	95	6.63
V703868		3.80	0.005		<0.5	7.67	72	80	<0.5	<2	6.86	0.6	48	147	126	6.50
V703869		3.87	0.007		<0.5	8.11	44	190	<0.5	<2	6.82	<0.5	45	256	127	5.92
V703870		2.62	<0.005		<0.5	8.22	7	160	<0.5	<2	6.16	<0.5	42	232	55	4.97
V703871		3.50	0.006		<0.5	7.02	<5	570	1.3	<2	5.66	<0.5	30	205	29	3.77
V703872		2.93	0.008		<0.5	7.22	<5	340	<0.5	<2	6.14	<0.5	33	247	69	4.15
V703873		2.39	0.006		<0.5	7.30	6	330	<0.5	<2	6.04	<0.5	34	179	63	4.37
V703874		2.35	0.006		<0.5	7.38	17	410	<0.5	<2	6.03	0.6	43	209	93	5.26
V703875		3.81	0.006		<0.5	8.21	45	40	<0.5	<2	7.32	<0.5	48	212	106	5.76
V703876		3.86	0.007		<0.5	7.99	7	400	<0.5	<2	5.45	<0.5	43	120	25	4.86
V703877		1.78	0.007		<0.5	7.70	6	500	<0.5	<2	5.82	<0.5	43	124	50	5.58
V703878		2.23	0.008		<0.5	7.49	85	450	0.6	<2	5.03	0.6	48	103	75	5.49
V703879		0.68	0.007		<0.5	1.39	49	80	<0.5	<2	3.20	<0.5	10	46	8	1.90
V703880		0.58	0.005		<0.5	7.51	<5	1370	1.2	<2	2.50	<0.5	20	98	15	5.19
V703881		2.19	<0.005		<0.5	7.33	39	240	0.9	<2	5.50	<0.5	37	155	35	5.53
V703882		3.51	<0.005		<0.5	6.92	87	330	0.8	<2	5.33	<0.5	38	160	57	5.52
V703883		3.69	<0.005		<0.5	7.28	109	370	0.9	<2	4.66	<0.5	43	113	66	5.78
V703884		3.51	0.005		<0.5	6.41	34	290	0.7	<2	4.42	<0.5	29	142	48	5.77
V703885		2.23	0.005		<0.5	7.25	27	600	0.5	<2	4.69	<0.5	45	111	54	4.62

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 15- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17168336

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703846		20	0.49	10	4.41	1045	<1	1.86	502	320	4	0.92	<5	27	264	<20
V703847		20	0.07	10	4.69	1205	<1	1.49	820	360	5	1.92	<5	32	287	<20
V703848		20	0.03	10	5.41	1295	<1	0.97	657	310	8	0.94	<5	24	546	<20
V703849		10	0.47	10	4.72	1175	<1	1.63	289	330	<2	0.50	<5	31	283	<20
V703850		20	0.90	10	4.47	1310	<1	1.11	106	380	2	0.14	<5	33	291	<20
V703851		20	0.80	10	4.64	1235	<1	1.71	154	360	<2	0.11	6	27	244	<20
V703852		20	0.39	10	4.96	1265	<1	1.76	276	360	5	0.43	<5	30	215	<20
V703853		20	0.11	10	5.43	1375	<1	1.50	231	320	5	0.37	<5	27	261	<20
V703854		20	0.20	10	5.70	1375	<1	1.62	186	370	5	0.25	<5	29	408	<20
V703855		20	0.31	10	5.48	1300	<1	1.48	421	350	2	0.54	7	19	484	<20
V703856		20	0.23	10	4.38	1200	<1	2.39	135	390	<2	0.09	<5	24	277	<20
V703857		20	0.52	10	4.60	1150	<1	2.33	165	380	<2	0.09	<5	22	259	<20
V703858		10	2.14	10	4.72	1210	<1	0.42	183	330	5	0.06	<5	23	230	<20
V703859		10	1.72	10	4.54	1135	<1	1.15	174	320	<2	0.13	<5	20	246	<20
V703860		20	1.11	10	1.51	884	7	2.20	43	760	45	0.14	5	16	279	<20
V703861		20	0.49	10	5.06	1270	<1	1.85	189	310	<2	0.11	<5	22	256	<20
V703862		20	0.32	10	4.77	1215	<1	2.18	161	310	<2	0.02	<5	23	252	<20
V703863		20	0.25	10	5.02	1345	<1	2.13	154	280	<2	0.05	<5	28	266	<20
V703864		20	0.83	10	4.32	1265	<1	2.23	111	250	<2	0.07	<5	28	340	<20
V703865		20	1.26	10	4.10	1085	1	1.37	129	300	2	0.02	6	23	236	<20
V703866		20	0.74	10	4.58	1095	<1	1.87	179	360	<2	0.04	<5	21	242	<20
V703867		20	0.22	10	5.00	1135	<1	2.14	200	430	2	0.07	<5	22	362	<20
V703868		20	0.16	10	4.86	1105	1	1.76	224	400	3	0.10	<5	20	448	<20
V703869		20	0.34	10	4.85	1045	<1	2.10	213	190	4	0.10	<5	20	413	<20
V703870		20	0.25	10	4.86	1305	<1	2.38	175	160	3	0.02	<5	18	321	<20
V703871		10	1.52	10	3.71	1830	<1	1.38	123	140	<2	0.02	<5	14	220	<20
V703872		10	1.69	10	3.95	1085	<1	1.27	128	160	<2	0.05	<5	21	324	<20
V703873		10	1.45	10	4.00	1000	<1	1.77	141	110	<2	0.04	<5	20	276	<20
V703874		10	0.90	10	4.74	970	<1	1.54	188	110	<2	0.06	<5	20	211	<20
V703875		20	0.06	10	4.93	1010	<1	1.78	206	310	6	0.11	<5	21	468	<20
V703876		20	0.65	10	4.83	1110	<1	2.20	220	400	<2	0.03	<5	11	274	<20
V703877		20	1.19	10	4.80	1060	<1	1.47	188	100	3	0.11	<5	15	245	<20
V703878		20	2.14	10	4.87	1165	<1	0.97	221	250	3	0.01	<5	13	230	<20
V703879		<10	0.46	<10	0.87	554	1	0.15	43	30	199	0.01	<5	3	92	<20
V703880		20	1.99	20	1.90	447	1	2.20	46	1010	17	0.04	<5	13	563	<20
V703881		20	0.79	10	3.64	1220	<1	2.08	83	430	8	0.05	<5	27	276	<20
V703882		10	1.44	10	3.91	1070	<1	1.38	146	330	7	0.02	<5	21	267	<20
V703883		10	1.71	10	3.88	1295	<1	1.35	141	350	7	0.01	<5	18	244	<20
V703884		10	0.93	10	3.32	1750	<1	1.42	99	330	10	0.12	<5	15	244	<20
V703885		10	2.14	10	4.53	1070	<1	1.09	193	140	4	0.04	<5	10	216	<20

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CERTIFICAT D'ANALYSE VO17168336

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703846		0.18	<10	<10	157	<10	63
V703847		0.41	<10	<10	204	<10	69
V703848		0.31	<10	<10	150	<10	78
V703849		0.26	<10	<10	179	<10	63
V703850		0.31	<10	<10	201	<10	61
V703851		0.36	<10	<10	184	<10	62
V703852		0.43	10	<10	200	<10	67
V703853		0.36	<10	<10	166	<10	76
V703854		0.40	<10	<10	195	<10	76
V703855		0.37	10	<10	172	<10	74
V703856		0.40	<10	<10	179	<10	69
V703857		0.24	<10	<10	171	<10	70
V703858		0.19	<10	<10	153	<10	68
V703859		0.20	<10	<10	150	<10	65
V703860		0.36	<10	<10	145	40	292
V703861		0.21	<10	<10	150	<10	67
V703862		0.28	<10	<10	147	<10	65
V703863		0.30	<10	<10	161	10	64
V703864		0.19	<10	<10	149	<10	55
V703865		0.28	<10	<10	143	<10	56
V703866		0.32	<10	<10	153	<10	66
V703867		0.42	<10	<10	183	<10	71
V703868		0.38	<10	<10	171	<10	69
V703869		0.26	<10	<10	133	<10	60
V703870		0.18	<10	<10	76	<10	53
V703871		0.09	<10	<10	55	<10	46
V703872		0.12	<10	<10	93	<10	43
V703873		0.09	<10	<10	76	<10	44
V703874		0.17	<10	<10	121	<10	53
V703875		0.32	<10	<10	139	<10	57
V703876		0.20	<10	<10	59	<10	52
V703877		0.17	<10	<10	116	<10	54
V703878		0.18	<10	<10	108	<10	65
V703879		0.02	<10	<10	20	<10	25
V703880		0.51	<10	<10	145	<10	124
V703881		0.28	<10	<10	166	<10	72
V703882		0.20	<10	<10	123	<10	70
V703883		0.19	<10	<10	115	<10	75
V703884		0.17	<10	<10	98	<10	66
V703885		0.10	<10	<10	42	<10	52

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703886		0.94	<0.005		<0.5	7.67	<5	1370	1.1	<2	2.39	<0.5	24	99	60	5.81
V703887		2.86	<0.005		<0.5	7.90	18	190	<0.5	<2	6.70	<0.5	45	9	281	6.90
V703888		2.91	<0.005		<0.5	8.30	18	220	<0.5	<2	7.06	<0.5	42	17	218	6.66
V703889		1.32	<0.005		<0.5	7.91	9	20	<0.5	<2	6.45	<0.5	66	17	211	11.75
V703890		3.50	0.005		<0.5	7.98	<5	30	<0.5	2	6.68	<0.5	72	17	155	12.55
V703891		3.66	<0.005		<0.5	7.91	<5	40	<0.5	<2	6.63	<0.5	83	23	288	13.45
V703892		4.23	0.005		<0.5	8.00	10	20	<0.5	<2	6.93	<0.5	50	25	107	10.05
V703893		3.76	<0.005		<0.5	8.35	13	290	<0.5	<2	6.56	<0.5	43	27	95	6.92
V703894		3.61	0.005		<0.5	8.44	19	90	<0.5	<2	6.96	<0.5	58	85	535	9.75
V703895		3.81	0.006		<0.5	7.91	5	30	<0.5	<2	6.98	0.6	63	13	891	12.35
V703896		3.72	0.006		<0.5	7.88	<5	40	<0.5	<2	7.26	0.5	62	10	832	12.05
V703897		3.88	<0.005		<0.5	8.04	<5	40	<0.5	<2	7.50	<0.5	61	13	741	11.95
V703898		3.67	<0.005		<0.5	7.78	<5	50	0.5	<2	6.60	<0.5	60	11	235	11.80
V703899		1.80	<0.005		<0.5	7.54	<5	50	0.5	<2	5.63	<0.5	56	25	61	11.45
V703900		0.12	4.03	4.13	0.9	7.04	31	610	0.8	<2	2.46	1.0	18	65	148	5.25
V703901		2.86	<0.005		<0.5	8.28	<5	520	1.3	<2	0.50	<0.5	18	105	6	4.83
V703902		3.63	<0.005		<0.5	6.73	<5	210	<0.5	<2	8.97	<0.5	45	1000	32	6.05
V703903		2.43	<0.005		<0.5	6.62	8	130	<0.5	<2	9.23	<0.5	41	695	3	5.78
V703904		3.56	<0.005		<0.5	7.75	6	80	<0.5	<2	10.55	<0.5	24	529	7	4.78
V703905		3.44	<0.005		<0.5	7.29	12	710	2.0	<2	0.59	<0.5	16	78	5	5.74
V703906		3.41	<0.005		<0.5	6.47	13	630	1.8	<2	0.53	<0.5	17	67	12	5.65
V703907		3.71	<0.005		<0.5	4.60	8	180	1.0	<2	0.33	<0.5	10	34	7	3.67
V703908		3.49	0.007		<0.5	4.63	11	110	0.7	<2	0.43	<0.5	13	31	15	4.43
V703909		3.49	<0.005		<0.5	6.81	7	420	1.3	<2	0.64	<0.5	10	29	7	3.90
V703910		3.65	<0.005		<0.5	8.18	13	940	2.2	<2	0.76	<0.5	10	40	1	3.54
V703911		1.86	<0.005		<0.5	6.26	10	540	1.5	<2	0.57	<0.5	10	34	7	3.84
V703912		4.04	0.005		<0.5	7.18	10	480	1.5	<2	0.71	<0.5	10	44	5	3.96
V703913		3.16	<0.005		<0.5	8.00	14	890	2.1	<2	0.78	<0.5	11	41	1	3.90
V703914		3.64	<0.005		<0.5	7.75	9	530	1.4	<2	0.98	<0.5	11	36	1	4.20
V703915		2.88	<0.005		<0.5	7.72	12	600	1.5	<2	0.87	<0.5	10	25	4	4.26
V703916		1.08	0.120		<0.5	6.74	5	130	1.0	<2	1.13	0.5	6	9	9	2.64
V703917		2.92	0.006		<0.5	6.61	8	100	0.9	<2	1.11	<0.5	6	11	5	3.42
V703918		3.35	<0.005		<0.5	7.55	13	180	1.3	<2	1.50	<0.5	10	15	4	4.28

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703886		20	2.18	30	2.01	636	1	2.13	60	900	14	0.14	<5	20	491	<20
V703887		20	0.85	<10	3.98	1275	<1	1.88	59	160	<2	0.03	<5	37	87	<20
V703888		20	0.92	<10	3.94	1200	<1	1.92	73	190	<2	0.02	<5	31	90	<20
V703889		20	0.09	<10	3.38	1485	<1	1.47	56	210	<2	0.48	<5	39	186	<20
V703890		20	0.09	<10	3.15	1580	<1	1.19	59	220	2	0.43	<5	40	228	<20
V703891		20	0.07	<10	3.04	1705	<1	0.80	99	210	3	0.59	<5	40	217	<20
V703892		20	0.06	<10	2.65	1445	<1	1.42	20	300	3	0.21	<5	31	179	<20
V703893		20	1.05	<10	3.70	1405	<1	2.13	54	140	3	0.01	<5	36	95	<20
V703894		20	0.28	<10	3.17	1410	<1	1.94	103	160	<2	0.16	<5	39	241	<20
V703895		20	0.10	<10	3.38	1690	<1	1.19	133	160	<2	0.29	<5	45	217	<20
V703896		20	0.13	<10	3.28	1640	<1	1.16	103	160	<2	0.31	<5	45	290	<20
V703897		20	0.12	<10	3.28	1660	<1	1.13	105	170	2	0.29	<5	45	305	<20
V703898		20	0.14	<10	2.70	1830	<1	0.83	54	620	<2	0.46	<5	42	226	<20
V703899		20	0.16	<10	3.07	2180	<1	1.17	49	140	<2	0.20	<5	33	162	<20
V703900		20	1.08	10	1.52	873	8	2.21	42	760	48	0.15	7	16	282	<20
V703901		20	1.88	20	1.02	1785	<1	3.12	34	170	3	0.01	<5	11	22	<20
V703902		10	0.94	<10	7.06	1345	<1	0.48	186	130	<2	<0.01	<5	46	175	<20
V703903		10	0.58	<10	6.37	1415	<1	0.72	153	100	<2	<0.01	<5	41	181	<20
V703904		20	0.36	<10	4.02	1110	<1	0.54	100	190	3	<0.01	<5	29	225	<20
V703905		20	1.90	20	1.00	1050	1	2.13	33	200	2	0.03	<5	9	66	<20
V703906		20	1.66	20	0.91	857	<1	1.86	24	180	<2	0.06	<5	8	62	<20
V703907		10	0.50	10	0.57	637	<1	2.31	17	100	2	0.01	<5	4	47	<20
V703908		10	0.36	20	0.70	734	<1	2.26	17	190	<2	0.03	<5	6	49	<20
V703909		20	1.12	30	0.72	684	1	3.68	11	360	3	<0.01	<5	11	92	<20
V703910		20	2.34	40	0.85	560	1	3.45	17	460	2	0.01	<5	12	113	20
V703911		20	1.45	30	0.75	550	1	2.58	15	320	<2	0.01	<5	9	66	<20
V703912		20	1.31	150	0.75	569	5	3.62	17	500	3	0.01	<5	11	97	20
V703913		20	2.38	40	0.94	619	<1	3.02	18	450	4	<0.01	<5	12	99	<20
V703914		20	1.36	30	0.89	676	5	3.98	16	600	2	<0.01	<5	12	115	<20
V703915		20	1.55	30	0.73	634	1	3.75	11	630	<2	<0.01	<5	13	96	<20
V703916		20	0.45	30	0.26	472	4	4.73	2	900	2	0.18	<5	8	79	20
V703917		20	0.55	30	0.37	442	<1	4.06	2	640	3	0.05	<5	10	66	<20
V703918		20	1.05	30	0.46	601	<1	3.96	5	590	2	0.13	<5	13	71	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 15- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17168336

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703886		0.58	<10	<10	166	<10	126
V703887		0.31	<10	<10	218	<10	61
V703888		0.29	<10	<10	198	<10	59
V703889		0.82	<10	<10	1020	<10	75
V703890		0.87	<10	<10	1070	<10	77
V703891		0.97	<10	<10	1205	<10	82
V703892		0.79	<10	<10	641	<10	71
V703893		0.32	<10	<10	223	<10	58
V703894		0.64	<10	<10	686	<10	79
V703895		0.87	<10	<10	1060	<10	87
V703896		0.84	<10	<10	1105	<10	77
V703897		0.84	<10	<10	1090	<10	73
V703898		1.04	10	<10	706	<10	69
V703899		0.81	<10	<10	996	<10	74
V703900		0.37	<10	<10	148	40	300
V703901		0.35	<10	<10	76	<10	33
V703902		0.27	<10	<10	214	<10	50
V703903		0.23	<10	<10	191	<10	46
V703904		0.16	<10	<10	220	<10	29
V703905		0.27	<10	<10	65	<10	28
V703906		0.24	<10	<10	55	<10	31
V703907		0.13	<10	<10	31	<10	21
V703908		0.17	<10	<10	41	<10	29
V703909		0.34	<10	<10	46	<10	25
V703910		0.40	<10	<10	56	<10	31
V703911		0.29	<10	<10	42	<10	23
V703912		0.33	<10	<10	52	<10	22
V703913		0.39	<10	<10	55	<10	22
V703914		0.38	<10	<10	50	<10	26
V703915		0.40	<10	<10	37	<10	25
V703916		0.23	<10	<10	6	10	89
V703917		0.29	<10	<10	12	<10	34
V703918		0.42	<10	<10	27	<10	30

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CERTIFICAT D'ANALYSE VO17168336

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.

Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 11- OCT- 2017
Compte: MIDEXP

CERTIFICAT VO17168346

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 58 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 11- AOUT- 2017.

Les résultats sont transmis à:

MARIO MASSON	RICHARD ST- CYR	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 11- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17168346

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703919		3.33	0.033		<0.5	7.74	12	390	1.6	<2	1.02	<0.5	10	17	3	4.61
V703920		0.64	0.007		<0.5	7.52	<5	940	1.4	6	2.57	<0.5	19	96	31	5.57
V703921		3.03	0.121		<0.5	7.33	14	170	1.2	4	1.48	<0.5	11	22	3	4.85
V703922		3.30	0.039		<0.5	6.29	11	160	0.8	4	2.07	<0.5	17	5	46	8.30
V703923		1.57	0.031		<0.5	5.68	8	160	0.6	<2	3.47	<0.5	20	5	71	9.06
V703924		1.86	0.008		<0.5	5.25	15	150	0.7	2	5.46	0.6	16	5	8	6.31
V703925		3.71	0.037		<0.5	5.74	20	130	0.6	4	2.88	<0.5	20	3	10	8.24
V703926		3.50	0.006		<0.5	5.41	13	290	1.0	6	4.79	<0.5	17	3	12	8.07
V703927		0.87	<0.005		<0.5	6.17	15	190	0.8	<2	3.50	<0.5	25	2	15	9.68
V703928		3.98	<0.005		<0.5	5.72	<5	90	0.8	5	3.21	<0.5	13	3	6	7.67
V703929		3.49	<0.005		<0.5	5.70	<5	90	0.8	3	2.97	<0.5	13	3	3	8.12
V703930		3.47	<0.005		<0.5	5.83	<5	100	0.9	<2	3.36	<0.5	17	3	4	8.72
V703931		3.06	<0.005		<0.5	5.99	5	180	0.8	6	3.80	<0.5	14	3	7	8.35
V703932		1.03	>10.0	40.8	1.6	5.92	<5	520	1.6	3	3.44	<0.5	14	7	35	6.75
V703933		2.79	0.005		<0.5	5.68	<5	200	0.8	3	3.68	<0.5	10	5	3	7.06
V703934		2.32	0.007		<0.5	5.80	6	170	0.9	6	3.41	<0.5	13	3	3	7.85
V703935		2.33	0.025		<0.5	5.54	11	100	0.9	<2	3.03	<0.5	19	5	2	7.77
V703936		2.18	0.015		<0.5	5.81	11	180	0.9	5	3.22	<0.5	10	4	10	8.17
V703937		1.36	0.037		<0.5	5.95	5	160	0.7	2	3.93	<0.5	10	4	19	7.99
V703938		1.13	3.27	3.26	<0.5	5.91	<5	150	0.9	2	4.63	<0.5	7	8	33	6.35
V703939		1.02	0.010		<0.5	5.63	8	190	0.8	<2	3.16	<0.5	11	5	3	8.65
V703940		0.11	2.02		0.8	6.93	31	600	0.8	<2	2.48	0.8	19	62	150	5.30
V703941		1.80	0.026		<0.5	6.44	<5	150	0.9	<2	5.11	<0.5	16	7	51	6.13
V703942		1.28	0.026		<0.5	5.65	<5	90	0.7	<2	7.14	<0.5	3	4	2	5.63
V703943		1.70	<0.005		<0.5	5.61	<5	90	0.6	4	2.32	<0.5	6	7	4	5.93
V703944		3.39	<0.005		<0.5	5.65	<5	70	0.7	<2	2.98	<0.5	7	5	3	6.95
V703945		2.28	0.841		<0.5	5.61	<5	100	0.8	4	2.94	<0.5	6	6	11	6.16
V703946		1.67	0.368		<0.5	5.47	9	130	0.7	3	3.56	<0.5	9	8	28	7.43
V703947		3.14	<0.005		<0.5	5.65	<5	60	0.8	<2	3.08	<0.5	8	4	6	7.32
V703948		2.43	<0.005		<0.5	5.59	<5	90	1.2	6	3.35	<0.5	8	4	9	7.11
V703949		3.41	<0.005		<0.5	5.93	5	290	1.0	<2	3.91	<0.5	8	5	2	6.94
V703950		1.66	<0.005		<0.5	5.50	8	240	1.1	<2	4.53	<0.5	8	4	4	5.72
V703951		1.67	0.005		<0.5	5.59	5	30	0.7	2	4.54	<0.5	16	2	19	12.45
V703952		1.19	<0.005		<0.5	5.54	6	40	0.8	<2	4.69	<0.5	12	3	2	10.45
V703953		1.81	<0.005		<0.5	5.40	5	60	0.8	<2	4.19	<0.5	12	2	5	10.50
V703954		1.97	<0.005		<0.5	5.43	<5	50	0.9	3	3.32	<0.5	7	3	6	7.61
V703955		2.91	<0.005		<0.5	7.52	12	400	1.1	<2	2.15	<0.5	11	24	12	5.56
V703956		3.40	<0.005		<0.5	7.47	6	470	1.3	<2	1.31	<0.5	8	22	8	3.78
V703957		1.60	0.011		<0.5	6.47	8	140	1.0	2	2.57	<0.5	4	9	12	2.96
V703958		0.84	0.056		<0.5	6.14	11	70	0.8	<2	2.22	<0.5	4	11	10	3.64

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Finalisée date: 11- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17168346

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703919		20	1.46	30	0.56	554	1	3.45	6	500	3	0.37	7	15	52	<20
V703920		20	1.69	30	1.85	602	1	2.19	51	920	18	0.08	<5	19	479	<20
V703921		20	0.73	20	0.69	665	1	3.96	9	580	<2	0.02	<5	15	69	<20
V703922		20	0.49	10	0.74	1385	<1	2.85	1	1230	4	0.41	<5	22	89	<20
V703923		20	0.69	20	0.83	1745	<1	2.22	<1	1020	3	0.80	<5	22	115	<20
V703924		20	0.66	20	0.55	1515	1	2.09	1	900	3	0.03	<5	18	96	<20
V703925		20	0.62	10	0.81	1360	1	2.01	<1	1070	5	0.13	<5	26	82	<20
V703926		20	1.01	10	0.83	1775	1	1.39	1	740	3	0.12	<5	26	100	<20
V703927		20	0.56	10	1.07	1540	<1	1.88	<1	830	3	0.28	<5	31	101	<20
V703928		20	0.26	20	0.73	1370	<1	2.51	1	910	2	0.08	<5	21	100	<20
V703929		20	0.34	10	0.68	1375	<1	2.57	1	1110	<2	0.06	<5	21	97	<20
V703930		20	0.44	10	0.93	1565	1	2.47	<1	960	3	0.09	<5	28	99	<20
V703931		20	0.50	10	0.95	1540	<1	2.35	<1	990	<2	0.19	<5	26	110	<20
V703932		30	1.47	10	0.32	1090	<1	1.94	1	1270	3	1.63	<5	20	77	<20
V703933		20	0.26	10	0.66	1345	<1	2.56	1	1150	3	0.05	<5	19	116	<20
V703934		20	0.24	10	0.71	1440	1	2.48	1	1280	5	0.03	<5	21	101	<20
V703935		20	0.14	10	0.26	1520	<1	2.73	<1	1050	4	0.04	<5	18	109	<20
V703936		20	0.24	10	0.26	1375	<1	2.60	<1	1190	2	0.11	<5	20	109	<20
V703937		20	0.25	10	0.29	1340	<1	2.83	<1	1130	<2	0.23	<5	21	119	<20
V703938		20	0.64	10	0.50	1655	<1	3.04	<1	930	<2	0.99	<5	17	122	<20
V703939		20	0.84	10	0.58	1515	<1	2.06	<1	1200	<2	0.07	5	20	110	<20
V703940		10	1.09	10	1.52	855	7	2.19	42	730	39	0.14	14	16	279	<20
V703941		30	0.51	10	0.36	1700	<1	4.60	1	1280	<2	1.78	<5	18	164	<20
V703942		20	0.38	10	0.52	2180	<1	3.84	<1	720	<2	0.69	9	21	147	<20
V703943		20	0.21	10	0.52	884	<1	3.00	1	480	<2	0.07	<5	14	74	<20
V703944		20	0.15	10	0.45	1150	<1	2.89	<1	540	<2	0.05	5	17	89	<20
V703945		20	0.24	10	0.48	1215	1	2.96	<1	550	<2	0.41	<5	18	77	<20
V703946		20	0.46	10	0.62	1280	<1	2.45	1	530	<2	0.64	<5	21	75	<20
V703947		20	0.12	10	0.61	1375	<1	2.78	<1	700	<2	0.10	<5	21	83	<20
V703948		20	0.27	10	0.69	1410	<1	2.48	<1	640	<2	0.08	<5	20	87	<20
V703949		20	0.74	10	1.01	1425	1	2.09	1	1350	<2	0.03	<5	28	95	<20
V703950		20	0.46	10	0.68	1415	<1	2.59	<1	970	<2	0.06	<5	28	119	<20
V703951		20	0.06	10	0.78	1975	<1	1.48	<1	2110	<2	0.35	<5	28	134	<20
V703952		20	0.07	<10	0.54	1880	1	1.75	<1	1290	<2	0.03	<5	21	181	<20
V703953		20	0.09	10	0.50	1700	<1	1.83	<1	1400	<2	0.14	<5	22	128	<20
V703954		20	0.10	10	0.48	1295	<1	2.53	<1	630	3	0.10	5	18	92	<20
V703955		20	1.00	20	0.98	862	1	3.55	11	550	<2	0.06	<5	20	99	<20
V703956		20	1.11	30	0.65	656	1	3.87	9	500	<2	0.05	<5	15	85	<20
V703957		20	0.64	20	0.32	659	1	3.94	2	560	2	0.14	<5	15	64	<20
V703958		20	0.31	20	0.37	725	1	3.95	1	610	<2	0.06	<5	13	77	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO17168346

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703919		0.42	<10	<10	37	<10	21
V703920		0.51	<10	<10	142	<10	111
V703921		0.43	<10	<10	36	<10	35
V703922		0.52	<10	<10	12	<10	45
V703923		0.50	<10	<10	8	<10	49
V703924		0.48	<10	<10	5	<10	78
V703925		0.68	<10	<10	6	10	72
V703926		0.70	<10	<10	13	20	46
V703927		0.83	<10	<10	20	<10	50
V703928		0.57	<10	<10	7	<10	43
V703929		0.57	<10	<10	3	<10	35
V703930		0.74	<10	<10	12	<10	36
V703931		0.69	10	<10	7	<10	39
V703932		0.50	<10	<10	2	50	20
V703933		0.48	<10	<10	<1	<10	31
V703934		0.52	<10	<10	<1	<10	35
V703935		0.45	<10	<10	<1	<10	40
V703936		0.48	<10	<10	<1	<10	45
V703937		0.49	<10	<10	<1	<10	57
V703938		0.27	<10	<10	2	20	30
V703939		0.47	<10	<10	<1	<10	51
V703940		0.36	<10	<10	141	40	284
V703941		0.35	<10	<10	3	40	34
V703942		0.38	10	<10	4	30	21
V703943		0.28	<10	<10	<1	10	41
V703944		0.34	<10	<10	<1	<10	41
V703945		0.36	<10	<10	<1	<10	35
V703946		0.34	<10	<10	1	10	50
V703947		0.38	<10	<10	<1	<10	53
V703948		0.37	<10	<10	<1	<10	46
V703949		0.59	<10	<10	<1	<10	66
V703950		0.56	<10	<10	<1	<10	51
V703951		0.78	<10	<10	<1	<10	76
V703952		0.47	<10	<10	<1	<10	60
V703953		0.47	<10	<10	<1	<10	59
V703954		0.35	10	<10	<1	<10	40
V703955		0.43	<10	<10	86	<10	35
V703956		0.35	<10	<10	35	<10	34
V703957		0.27	<10	<10	5	<10	35
V703958		0.25	<10	<10	2	10	32

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 11- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17168346

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V703959		1.92	0.422		<0.5	5.18	7	60	0.8	<2	2.99	<0.5	3	13	4	3.30
V703960		0.64	<0.005		<0.5	8.08	<5	960	1.6	2	2.57	<0.5	24	109	63	6.21
V703961		3.03	0.009		<0.5	5.92	<5	220	1.1	<2	2.52	<0.5	3	8	2	4.37
V703962		2.14	0.110		<0.5	6.14	17	210	0.8	<2	3.92	<0.5	5	10	2	4.80
V703963		2.27	<0.005		<0.5	6.01	7	170	0.8	<2	3.07	<0.5	7	9	1	5.19
V703964		2.66	0.007		<0.5	5.59	8	140	0.7	3	3.04	<0.5	5	7	1	4.92
V703965		3.46	<0.005		<0.5	5.92	11	160	0.9	<2	2.94	<0.5	7	6	4	6.65
V703966		3.39	<0.005		<0.5	5.23	7	210	0.9	3	2.73	<0.5	7	15	2	6.61
V703967		3.28	0.086		<0.5	5.79	10	180	0.9	<2	3.37	<0.5	10	11	13	7.99
V703968		2.89	0.009		<0.5	4.87	5	170	0.8	<2	2.54	<0.5	4	13	4	3.61
V703969		3.20	<0.005		<0.5	5.87	<5	260	0.9	<2	3.56	<0.5	7	7	4	5.78
V703970		3.67	0.005		<0.5	5.58	<5	470	0.6	<2	4.96	<0.5	32	3	12	14.20
V703971		3.97	<0.005		<0.5	5.70	13	460	0.6	<2	6.10	<0.5	35	1	15	14.00
V703972		4.04	<0.005		<0.5	5.75	21	530	0.5	<2	4.83	<0.5	40	1	8	14.70
V703973		3.61	<0.005		<0.5	7.94	<5	620	1.7	<2	1.30	<0.5	8	44	1	3.03
V703974		3.66	<0.005		<0.5	7.96	<5	680	1.7	<2	1.29	<0.5	8	44	1	3.16
V703975		3.65	<0.005		<0.5	7.86	5	690	1.7	<2	1.24	<0.5	8	42	1	3.17
V703976		3.68	<0.005		<0.5	7.93	<5	710	1.8	<2	1.31	<0.5	7	44	1	3.16

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CERTIFICAT D'ANALYSE VO17168346

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V703959		20	0.26	10	0.34	499	<1	3.14	<1	230	<2	0.14	<5	12	56	<20
V703960		20	2.31	30	2.11	669	1	2.14	59	910	17	0.12	<5	23	393	<20
V703961		20	0.72	20	0.40	799	<1	2.91	1	340	<2	0.01	<5	17	47	<20
V703962		20	0.76	10	0.64	1010	<1	2.97	2	700	<2	0.02	<5	17	101	<20
V703963		20	0.95	10	0.80	949	<1	2.66	1	640	<2	<0.01	<5	18	92	<20
V703964		20	0.74	10	0.69	922	<1	2.60	<1	640	3	0.01	<5	17	82	<20
V703965		20	0.72	10	0.73	1060	1	2.40	<1	740	<2	0.05	<5	19	81	<20
V703966		20	0.79	10	0.68	1230	<1	2.05	<1	840	2	0.04	<5	19	77	<20
V703967		20	0.52	10	0.63	1495	1	2.54	<1	860	2	0.21	<5	20	96	<20
V703968		10	0.63	<10	0.40	729	<1	2.76	2	570	<2	0.09	<5	13	73	<20
V703969		20	1.03	10	0.66	1250	1	2.54	2	830	2	0.06	<5	21	99	<20
V703970		20	1.09	10	1.33	2300	<1	1.39	<1	3880	4	0.24	<5	50	154	<20
V703971		20	0.85	10	1.26	2250	<1	1.52	<1	4340	<2	0.25	<5	44	206	<20
V703972		20	1.07	10	1.56	2460	<1	1.34	<1	4520	2	0.11	<5	38	157	<20
V703973		20	1.83	30	1.02	693	1	3.08	23	340	<2	<0.01	<5	12	137	<20
V703974		20	1.94	30	1.02	699	1	2.82	21	340	<2	0.02	<5	12	129	<20
V703975		20	1.90	30	1.05	711	1	2.91	21	360	4	0.01	5	12	128	<20
V703976		20	1.89	40	1.05	717	1	3.08	23	340	6	<0.01	<5	12	131	<20

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CERTIFICAT D'ANALYSE VO17168346

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V703959		0.21	<10	<10	2	<10	17
V703960		0.61	<10	<10	177	<10	113
V703961		0.28	<10	<10	<1	<10	30
V703962		0.38	<10	<10	3	<10	29
V703963		0.37	<10	<10	1	<10	34
V703964		0.35	<10	<10	2	<10	32
V703965		0.36	<10	<10	<1	<10	39
V703966		0.35	<10	<10	6	10	53
V703967		0.37	<10	<10	3	<10	52
V703968		0.27	<10	<10	3	10	25
V703969		0.42	<10	<10	2	<10	45
V703970		1.15	<10	<10	2	<10	71
V703971		1.23	10	<10	3	<10	68
V703972		1.27	<10	<10	5	<10	69
V703973		0.35	<10	<10	73	<10	24
V703974		0.34	<10	<10	72	<10	24
V703975		0.34	<10	<10	72	<10	26
V703976		0.36	<10	<10	75	<10	27

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CERTIFICAT D'ANALYSE VO17168346

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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Finalisée date: 13- SEPT- 2017
Compte: MIDEXP

CERTIFICAT VO17171039

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 155 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 13- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17171039

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05
V703977		3.65	<0.005	
V703978		3.52	0.005	
V703979		1.19	<0.005	
V703980		0.04	2.49	
V703981		3.49	<0.005	
V703982		3.44	<0.005	
V703983		3.50	<0.005	
V703984		3.33	<0.005	
V703985		1.48	0.012	
V703986		0.30	0.046	
V703987		2.33	<0.005	
V703988		2.24	0.022	
V703989		2.39	0.006	
V703990		2.21	<0.005	
V703991		2.75	<0.005	
V703992		1.74	<0.005	
V703993		3.56	<0.005	
V703994		3.48	<0.005	
V703995		3.43	<0.005	
V703996		3.50	<0.005	
V703997		2.29	<0.005	
V703998		3.03	<0.005	
V703999		3.41	<0.005	
V704000		0.77	<0.005	
V704001		3.44	<0.005	
V704002		3.82	<0.005	
V704003		3.19	<0.005	
V704004		3.70	0.007	
V704005		3.02	<0.005	
V704006		2.64	<0.005	
V704007		3.02	<0.005	
V704008		3.61	0.007	
V704009		3.12	0.013	
V704010		2.13	0.029	
V704011		0.99	0.010	
V704012		1.91	0.007	
V704013		2.04	0.020	
V704014		3.85	0.005	
V704015		2.44	0.038	
V704016		1.80	0.017	

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05
V704017		2.07	0.115	
V704018		1.96	<0.005	
V704019		0.91	<0.005	
V704020		0.08	4.01	4.26
V704021		2.72	0.045	
V704022		3.11	<0.005	
V704023		1.09	0.022	
V704024		1.19	<0.005	
V704025		0.89	0.114	
V704026		3.17	0.007	
V704027		2.90	<0.005	
V704028		0.99	0.011	
V704029		3.20	0.005	
V704030		1.09	0.018	
V704031		1.59	<0.005	
V704032		1.70	0.008	
V704033		1.66	<0.005	
V704034		0.83	0.015	
V704035		3.09	<0.005	
V704036		2.56	<0.005	
V704037		1.07	<0.005	
V704038		3.85	<0.005	
V704039		2.34	0.117	
V704040		0.85	<0.005	
V704041		3.36	0.006	
V704042		3.29	<0.005	
V704043		2.95	<0.005	
V704044		2.64	<0.005	
V704045		3.65	0.006	
V704046		3.47	0.023	
V704047		2.21	<0.005	
V704048		1.33	0.054	
V704049		2.93	<0.005	
V704050		1.51	0.029	
V704051		2.91	<0.005	
V704052		1.68	<0.005	
V704053		0.80	0.320	
V704054		1.76	0.005	
V704055		1.01	0.148	
V704056		3.39	0.009	

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05
V704057		2.96	0.007	
V704058		2.98	<0.005	
V704059		1.00	<0.005	
V704060		0.15	4.07	4.42
V704061		1.69	0.053	
V704062		2.32	0.006	
V704063		0.95	0.049	
V704064		2.80	0.018	
V704065		1.46	0.204	
V704066		3.29	<0.005	
V704067		2.26	<0.005	
V704068		1.32	0.053	
V704069		2.47	0.012	
V704070		1.24	0.019	
V704071		1.76	0.005	
V704072		0.89	0.013	
V704073		1.82	<0.005	
V704074		0.98	<0.005	
V704075		2.07	<0.005	
V704076		2.78	<0.005	
V704077		0.81	<0.005	
V704078		0.88	<0.005	
V704079		0.86	0.025	
V704080		0.70	<0.005	
V704081		1.26	0.009	
V704082		3.53	<0.005	
V704083		3.53	<0.005	
V704084		3.28	<0.005	
V704085		0.83	0.016	
V704086		2.30	0.008	
V704087		0.76	2.13	
V704088		2.31	<0.005	
V704089		1.12	<0.005	
V704090		3.39	<0.005	
V704091		1.45	0.016	
V704092		1.37	<0.005	
V704093		2.46	<0.005	
V704094		1.38	1.825	
V704095		2.06	0.284	
V704096		0.91	0.100	

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V704097		2.45	<0.005	
V704098		0.83	<0.005	
V704099		1.98	<0.005	
V704100		0.09	4.15	4.44
V704101		1.81	<0.005	
V704102		1.72	<0.005	
V704103		1.50	0.544	
V704104		2.25	0.046	
V704105		3.14	<0.005	
V704106		1.30	<0.005	
V704107		3.47	<0.005	
V704108		3.64	0.005	
V704109		3.50	0.155	
V704110		1.25	0.016	
V704111		2.11	0.005	
V704112		1.18	0.046	
V704113		1.61	<0.005	
V704114		1.20	0.005	
V704115		0.87	0.305	
V704116		2.17	<0.005	
V704117		0.82	2.54	
V704118		3.43	<0.005	
V704119		2.60	0.013	
V704120		1.01	<0.005	
V704121		3.77	0.008	
V704122		3.63	<0.005	
V704123		0.86	<0.005	
V704124		2.73	<0.005	
V704125		3.90	<0.005	
V704126		1.11	<0.005	
V704127		2.32	<0.005	
V704128		3.30	<0.005	
V704129		3.56	<0.005	
V704130		3.36	<0.005	
V704131		2.98	0.006	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 13- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17171039

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

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Finalisée date: 27- SEPT- 2017
Compte: MIDEXP

CERTIFICAT VO17174020

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 90 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17- AOUT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICAT D'ANALYSE VO17174020

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V704137		1.20	0.005		<0.5	6.69	7	310	1.7	<2	0.38	<0.5	4	34	61	2.25
V704138		3.17	<0.005		<0.5	8.72	19	690	3.3	<2	0.85	<0.5	6	68	20	4.30
V704139		1.10	0.006		<0.5	7.64	22	490	4.3	<2	1.11	<0.5	5	58	4	4.04
V704140		0.11	4.12	3.85	0.8	6.89	32	600	0.8	2	2.33	0.9	16	62	148	5.07
V704141		3.43	<0.005		<0.5	8.28	11	620	3.7	<2	0.74	<0.5	6	62	21	4.53
V704142		3.60	0.007		<0.5	8.38	12	630	3.5	<2	0.95	<0.5	5	65	6	4.80
V704143		1.71	0.005		<0.5	7.53	14	520	4.3	2	1.14	<0.5	5	55	2	4.85
V704144		1.55	0.006		<0.5	6.09	62	210	5.4	<2	1.81	<0.5	13	22	82	4.99
V704145		0.78	0.009		<0.5	4.31	210	170	1.6	<2	1.97	<0.5	8	25	44	4.33
V704146		2.40	0.024		<0.5	5.80	14	140	1.3	<2	1.23	<0.5	8	19	28	4.07
V704147		1.79	0.017		<0.5	6.28	18	180	1.8	<2	1.34	<0.5	2	21	37	5.15
V704148		2.49	0.017		<0.5	6.54	114	160	1.6	2	0.71	<0.5	3	18	54	6.13
V704149		1.20	0.813		<0.5	6.23	>10000	160	1.4	<2	0.54	<0.5	5	22	42	6.09
V704150		1.46	0.013		<0.5	6.29	323	140	1.1	<2	0.56	<0.5	7	23	73	4.82
V704151		2.14	0.007		<0.5	4.35	<5	120	0.8	<2	3.24	<0.5	<1	22	9	4.93
V704152		1.69	0.014		<0.5	5.27	672	140	1.3	<2	0.71	<0.5	6	22	45	3.80
V704153		1.84	0.015		<0.5	5.71	71	170	1.8	<2	0.50	<0.5	7	24	77	4.69
V704154		2.39	0.013		<0.5	5.84	253	130	1.3	<2	0.73	<0.5	2	24	40	4.71
V704155		1.35	0.017		<0.5	6.14	77	120	1.2	<2	0.76	<0.5	5	27	43	4.58
V704156		2.46	0.306		<0.5	6.16	1475	130	1.5	<2	0.55	<0.5	16	24	107	5.56
V704157		2.15	0.021		<0.5	5.60	161	130	1.8	<2	0.46	<0.5	10	21	48	4.59
V704158		1.75	0.158		<0.5	5.69	112	130	1.8	<2	2.01	<0.5	11	18	87	5.29
V704159		1.60	0.005		<0.5	5.85	143	140	1.6	<2	0.54	<0.5	12	25	93	5.06
V704160		0.67	<0.005		<0.5	7.49	<5	900	1.4	<2	2.56	<0.5	18	96	21	5.64
V704161		2.04	0.023		<0.5	5.79	40	110	1.4	<2	1.40	<0.5	10	20	76	4.72
V704162		1.99	0.040		<0.5	6.37	404	240	1.9	2	0.78	<0.5	7	29	75	5.80
V704163		1.87	0.013		<0.5	5.85	102	150	2.0	<2	0.90	<0.5	13	21	82	5.21
V704164		1.81	0.058		<0.5	6.09	340	130	1.7	4	0.72	<0.5	12	21	131	5.64
V704165		1.06	0.006		<0.5	4.30	208	110	2.7	<2	4.00	<0.5	16	19	94	4.57
V704166		1.99	0.034		<0.5	6.06	29	80	1.4	<2	0.57	<0.5	8	21	52	5.15
V704167		1.31	0.163		<0.5	6.39	28	110	1.4	4	0.84	<0.5	6	19	75	6.09
V704168		2.38	0.028		<0.5	6.02	38	130	1.4	<2	1.01	<0.5	3	18	82	5.52
V704169		2.04	0.131		<0.5	6.14	50	120	1.4	<2	0.59	<0.5	9	20	102	5.83
V704170		0.80	0.007		<0.5	5.97	83	140	1.2	2	1.35	<0.5	12	25	73	4.63
V704171		1.25	0.005		<0.5	5.52	42	130	1.3	<2	1.83	<0.5	13	25	69	4.30
V704172		1.09	0.006		<0.5	5.57	30	130	1.4	<2	2.14	<0.5	9	21	42	4.35
V704173		1.46	0.005		<0.5	5.84	130	90	1.0	2	0.38	<0.5	9	21	39	4.81
V704174		0.95	0.087		<0.5	5.58	2370	120	1.0	3	0.56	<0.5	11	26	57	5.09
V704175		1.49	0.012		<0.5	6.40	137	140	1.2	<2	0.49	<0.5	11	23	68	5.53
V704176		1.28	0.029		<0.5	5.45	177	90	1.0	<2	0.49	<0.5	19	19	95	5.25

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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ROSEMÈRE QC J7A 2H1

Finalisée date: 27- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174020

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V704137		20	0.98	20	0.35	355	<1	3.81	8	130	9	0.32	<5	6	116	<20
V704138		20	3.08	40	1.05	854	<1	1.46	20	290	<2	0.06	<5	12	53	<20
V704139		20	2.25	30	0.88	1120	<1	1.76	17	250	2	0.14	<5	13	76	<20
V704140		20	1.06	10	1.45	869	7	2.15	39	760	45	0.14	7	16	277	<20
V704141		20	2.64	30	1.02	987	<1	1.78	16	300	4	0.05	<5	12	70	<20
V704142		20	2.71	30	1.07	1260	<1	1.94	17	300	<2	<0.01	<5	12	78	<20
V704143		20	2.31	30	1.09	2280	<1	2.07	14	280	<2	0.01	<5	14	79	<20
V704144		20	0.73	20	0.52	2580	<1	3.30	6	330	2	0.82	<5	15	84	<20
V704145		10	0.68	20	0.53	1120	<1	2.06	5	250	<2	0.43	<5	12	68	<20
V704146		10	0.47	20	0.54	870	<1	3.31	6	320	4	0.38	<5	13	87	<20
V704147		20	0.48	20	0.67	1265	<1	3.42	4	340	<2	0.53	<5	15	79	<20
V704148		20	0.35	20	0.79	1055	<1	3.44	3	340	2	0.60	<5	17	74	<20
V704149		20	0.39	20	0.75	853	<1	3.34	5	320	4	0.97	<5	14	83	<20
V704150		20	0.39	20	0.57	677	1	3.80	7	330	4	0.68	<5	14	108	<20
V704151		10	0.47	10	0.76	1410	<1	2.51	4	330	<2	0.08	<5	11	122	<20
V704152		10	0.40	20	0.48	661	<1	3.08	5	280	<2	0.44	<5	11	85	<20
V704153		10	0.34	20	0.54	617	<1	3.27	6	320	<2	0.69	<5	14	89	<20
V704154		20	0.25	20	0.67	696	<1	3.23	6	310	3	0.42	<5	14	94	<20
V704155		20	0.23	20	0.65	807	1	3.61	5	330	<2	0.46	<5	13	96	<20
V704156		20	0.27	20	0.61	689	<1	3.69	5	350	<2	1.11	<5	14	79	<20
V704157		20	0.30	20	0.65	626	<1	3.00	7	290	3	0.49	<5	12	68	<20
V704158		20	0.32	20	0.64	762	<1	3.09	5	300	2	0.85	<5	14	107	<20
V704159		20	0.36	20	0.54	513	1	3.30	6	330	<2	0.93	<5	14	82	<20
V704160		20	1.68	30	1.78	663	<1	2.15	50	950	10	0.05	<5	19	490	<20
V704161		20	0.37	20	0.58	885	<1	3.60	4	330	<2	0.55	<5	13	104	<20
V704162		20	0.74	20	0.68	843	<1	3.31	9	340	<2	0.81	<5	15	91	<20
V704163		20	0.46	20	0.59	761	<1	3.35	8	310	<2	0.79	<5	15	94	<20
V704164		20	0.34	20	0.48	526	<1	3.72	4	350	4	1.32	<5	15	97	<20
V704165		10	0.49	20	0.48	1035	<1	2.27	5	250	6	0.84	<5	12	110	<20
V704166		20	0.20	20	0.70	678	<1	3.51	5	370	5	0.51	<5	14	79	<20
V704167		20	0.26	20	0.76	894	<1	3.58	4	380	6	0.82	<5	17	107	<20
V704168		20	0.33	20	0.69	846	<1	3.31	5	380	43	0.92	<5	16	74	<20
V704169		20	0.28	20	0.61	673	<1	3.61	5	380	3	1.05	<5	16	72	<20
V704170		20	0.29	20	0.52	633	1	3.68	7	350	3	0.75	<5	14	88	<20
V704171		10	0.27	20	0.52	856	<1	3.38	6	340	12	0.72	<5	13	89	<20
V704172		10	0.28	20	0.61	773	<1	3.14	5	310	21	0.48	<5	15	96	<20
V704173		20	0.18	20	0.70	580	<1	3.32	6	350	4	0.49	<5	13	62	<20
V704174		10	0.27	20	0.62	676	1	3.16	6	350	5	0.84	<5	14	71	<20
V704175		20	0.30	20	0.71	743	<1	3.67	6	440	5	0.74	<5	17	73	<20
V704176		10	0.25	20	0.55	682	<1	3.18	6	410	7	1.02	<5	12	49	<20

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Finalisée date: 27- SEPT- 2017
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CERTIFICAT D'ANALYSE VO17174020

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V704137		0.17	<10	<10	26	<10	28
V704138		0.21	<10	<10	94	<10	48
V704139		0.16	<10	<10	82	<10	35
V704140		0.37	<10	<10	142	40	288
V704141		0.18	<10	<10	88	<10	56
V704142		0.18	<10	<10	92	<10	48
V704143		0.17	<10	<10	78	<10	48
V704144		0.16	<10	<10	27	<10	64
V704145		0.11	<10	<10	23	<10	55
V704146		0.17	<10	<10	21	<10	41
V704147		0.16	<10	<10	23	<10	59
V704148		0.14	<10	<10	26	<10	78
V704149		0.11	<10	<10	24	<10	65
V704150		0.14	<10	<10	23	<10	54
V704151		0.09	<10	<10	19	<10	43
V704152		0.12	<10	<10	19	<10	41
V704153		0.15	<10	<10	22	<10	47
V704154		0.21	<10	<10	24	<10	59
V704155		0.22	<10	<10	22	<10	56
V704156		0.21	<10	<10	23	<10	47
V704157		0.17	<10	<10	24	<10	53
V704158		0.20	<10	<10	24	<10	55
V704159		0.17	<10	<10	20	<10	50
V704160		0.54	<10	<10	141	<10	98
V704161		0.15	<10	<10	18	<10	39
V704162		0.12	<10	<10	30	<10	63
V704163		0.14	<10	<10	22	<10	62
V704164		0.16	<10	<10	20	<10	49
V704165		0.13	<10	<10	20	<10	66
V704166		0.22	<10	<10	20	<10	59
V704167		0.26	<10	<10	22	<10	65
V704168		0.25	<10	<10	22	<10	58
V704169		0.26	<10	<10	22	<10	60
V704170		0.26	<10	<10	23	<10	47
V704171		0.23	<10	<10	20	<10	45
V704172		0.23	<10	<10	23	<10	49
V704173		0.23	<10	<10	25	<10	57
V704174		0.25	<10	<10	25	<10	47
V704175		0.28	<10	<10	28	<10	57
V704176		0.24	<10	<10	21	<10	43

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CERTIFICAT D'ANALYSE VO17174020

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V704177		2.09	0.024		<0.5	5.16	104	200	1.7	3	1.14	<0.5	8	32	38	4.79
V704178		1.75	0.005		<0.5	6.23	196	190	1.7	<2	0.92	<0.5	10	30	35	5.14
V704179		0.76	0.005		<0.5	7.69	<5	1240	1.0	5	2.48	<0.5	23	104	66	6.05
V704180		0.11	4.18	4.02	0.5	7.10	29	610	0.8	<2	2.37	1.1	16	65	148	5.20
V704181		1.13	0.244		3.7	4.68	6240	120	0.5	92	4.67	1.6	302	23	3090	33.0
V704182		2.43	0.079		1.4	7.34	233	220	1.1	10	0.54	2.9	82	121	2120	17.40
V704183		0.87	0.103		0.9	7.39	16	230	1.2	7	1.74	1.6	38	160	4290	16.15
V704184		2.61	0.041		<0.5	8.22	21	260	1.6	<2	1.97	0.7	16	154	945	11.80
V704185		0.97	0.025		0.6	7.28	10	270	1.8	8	2.49	1.4	15	122	1650	16.80
V704186		1.43	0.028		0.5	7.17	<5	240	1.9	3	1.61	1.4	12	138	1250	14.60
V704187		1.27	0.050		<0.5	8.05	27	270	2.2	2	0.85	1.0	18	206	317	14.00
V704188		2.47	0.225		1.0	5.23	154	60	1.6	<2	1.50	2.6	18	92	305	20.7
V704189		3.30	0.148		0.6	4.43	79	120	1.4	<2	1.65	1.7	22	83	426	20.1
V704190		2.57	0.015		0.6	2.15	39	30	0.7	2	6.03	4.1	29	54	865	24.3
V704191		2.79	0.024		0.5	2.22	88	10	0.6	3	5.81	2.8	8	58	269	20.7
V704192		2.96	0.011		<0.5	4.91	6	130	1.5	<2	1.91	1.8	12	101	184	19.50
V704193		2.72	0.012		<0.5	7.38	17	230	2.3	<2	0.55	<0.5	21	175	82	14.65
V704194		2.41	0.011		<0.5	7.30	12	240	2.2	2	0.30	0.9	12	178	80	14.55
V704195		1.29	0.020		<0.5	6.62	24	150	1.9	2	0.59	1.8	16	172	124	17.75
V704196		3.43	0.066		<0.5	6.47	136	140	1.8	5	0.80	2.4	23	179	96	17.60
V704197		3.07	0.061		0.7	5.08	120	70	1.4	4	2.39	2.7	20	149	125	21.6
V704198		3.98	0.037		<0.5	7.03	87	90	1.8	5	0.83	1.6	23	195	105	16.10
V704199		2.22	0.028		<0.5	6.62	42	210	1.8	<2	0.44	1.4	27	145	119	16.35
V704200		0.66	<0.005		<0.5	7.24	<5	870	1.2	<2	2.68	<0.5	17	97	31	5.11
V704201		3.54	0.029		<0.5	6.52	31	240	2.1	4	0.31	1.9	19	126	91	15.15
V704202		1.03	0.012		<0.5	5.88	39	230	1.9	3	2.47	2.1	11	94	116	11.25
V704203		3.66	0.027		0.5	3.03	12	30	0.9	2	2.37	5.4	16	82	206	24.4
V704204		3.50	0.029		<0.5	2.37	71	20	1.1	6	3.83	3.8	10	59	132	23.5
V704205		2.75	0.021		<0.5	3.60	<5	110	2.0	<2	0.92	1.6	13	75	105	27.0
V704206		2.55	0.022		<0.5	4.88	<5	120	2.3	<2	0.91	<0.5	12	106	73	22.0
V704207		1.79	0.010		<0.5	4.46	<5	120	2.3	<2	0.98	1.1	15	94	120	23.8
V704208		2.39	0.013		<0.5	4.70	139	120	2.1	3	1.34	<0.5	11	103	54	20.1
V704209		3.41	0.014		<0.5	4.94	67	110	1.8	4	1.01	<0.5	7	104	71	19.30
V704210		3.87	0.012		<0.5	4.98	184	120	1.7	3	0.78	0.5	12	110	124	21.8
V704211		3.81	0.151		<0.5	5.03	<5	130	1.8	3	0.85	0.7	15	110	139	23.0
V704212		3.99	0.017		<0.5	4.50	90	120	1.5	2	0.58	1.2	17	101	128	22.8
V704213		3.06	0.017		<0.5	4.45	177	110	1.4	2	0.88	1.4	11	102	138	22.3
V704214		3.36	<0.005		<0.5	5.38	22	140	1.7	2	0.75	0.9	15	111	143	22.5
V704215		2.71	0.005		<0.5	6.54	29	210	2.0	<2	0.51	1.2	20	156	131	20.1
V704216		2.11	0.007		<0.5	6.57	<5	210	1.9	2	1.19	2.2	8	106	120	16.95

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CERTIFICAT D'ANALYSE VO17174020

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V704177		20	0.72	10	0.66	1085	<1	2.51	14	220	106	0.41	<5	14	67	<20
V704178		20	0.60	20	0.75	1045	<1	3.20	12	400	6	0.40	<5	15	70	<20
V704179		20	1.82	20	1.99	739	<1	2.21	60	850	12	0.17	<5	21	524	<20
V704180		20	1.10	10	1.48	891	6	2.20	42	770	49	0.15	<5	17	283	<20
V704181		30	1.29	60	2.43	922	4	0.17	127	140	29	>10.0	26	13	52	<20
V704182		20	2.21	20	3.04	476	11	1.17	71	810	14	8.16	<5	19	26	<20
V704183		20	2.07	40	1.18	653	10	2.21	94	700	17	8.59	<5	20	43	<20
V704184		20	2.32	40	1.31	755	4	2.58	87	1110	7	6.25	<5	21	48	<20
V704185		20	2.61	50	1.03	838	7	1.40	124	1170	13	8.59	6	18	47	<20
V704186		20	2.35	40	1.18	604	9	1.79	133	1230	10	7.71	<5	18	43	<20
V704187		20	2.73	30	1.49	404	8	1.55	151	1040	19	8.11	<5	22	35	<20
V704188		20	1.95	30	1.15	606	20	0.55	174	230	70	>10.0	16	10	30	<20
V704189		20	1.45	30	1.69	825	24	0.28	140	390	40	>10.0	9	11	26	<20
V704190		10	0.40	10	1.31	3290	17	0.30	148	530	28	>10.0	<5	8	81	<20
V704191		10	0.37	10	1.29	3040	14	0.33	123	580	11	>10.0	<5	8	86	<20
V704192		20	1.60	20	1.23	1080	13	0.66	126	400	6	>10.0	<5	12	49	<20
V704193		20	3.05	20	1.20	413	10	0.66	118	250	8	9.06	<5	18	38	<20
V704194		20	3.11	20	1.23	334	13	0.62	117	250	10	8.89	6	17	34	<20
V704195		20	2.82	20	1.18	414	12	0.34	155	360	7	>10.0	<5	17	30	<20
V704196		20	2.91	20	1.05	432	11	0.30	174	670	12	>10.0	8	21	32	<20
V704197		10	2.21	20	0.89	877	19	0.13	157	460	18	>10.0	6	15	44	<20
V704198		20	3.02	20	1.19	469	11	0.34	156	510	13	>10.0	6	20	35	<20
V704199		20	2.88	20	1.26	433	11	0.25	134	400	12	>10.0	<5	16	26	<20
V704200		20	1.42	30	1.71	537	<1	2.19	48	750	9	0.17	<5	19	547	<20
V704201		20	2.94	20	1.14	467	9	0.09	100	220	12	8.80	<5	14	22	<20
V704202		20	2.45	20	1.21	2050	5	0.08	73	220	8	5.75	<5	11	50	<20
V704203		10	0.46	10	1.78	3520	15	0.23	152	620	26	>10.0	<5	11	59	<20
V704204		10	0.29	10	1.12	3880	17	0.49	123	510	23	>10.0	<5	8	124	<20
V704205		10	1.20	10	1.11	1535	19	0.28	145	380	18	>10.0	<5	10	55	<20
V704206		20	1.39	20	1.44	1685	15	0.71	107	440	14	>10.0	5	14	83	<20
V704207		20	1.35	20	1.29	1670	18	0.61	120	350	10	>10.0	5	12	80	<20
V704208		20	1.29	20	1.32	2000	15	0.82	90	400	12	>10.0	<5	13	102	<20
V704209		20	1.63	20	1.26	1700	17	0.68	91	400	12	>10.0	<5	13	85	<20
V704210		20	1.84	20	1.41	1640	15	0.45	117	420	13	>10.0	6	13	69	<20
V704211		20	2.18	30	1.43	1675	14	0.07	130	430	16	>10.0	<5	12	49	<20
V704212		20	1.77	20	1.64	1675	16	0.06	133	440	20	>10.0	<5	12	35	<20
V704213		20	1.64	20	1.90	2230	17	0.06	129	490	18	>10.0	<5	12	42	<20
V704214		20	2.46	20	1.40	1355	16	0.12	131	350	16	>10.0	<5	13	42	<20
V704215		20	3.38	20	1.04	725	13	0.28	121	500	14	>10.0	<5	18	43	<20
V704216		20	2.95	30	1.17	1035	8	0.66	105	260	14	8.81	<5	13	70	<20

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Finalisée date: 27- SEPT- 2017
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174020

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V704177		0.13	<10	<10	26	<10	42
V704178		0.23	<10	<10	28	<10	60
V704179		0.56	<10	<10	167	<10	102
V704180		0.38	<10	<10	144	40	293
V704181		0.19	10	<10	97	<10	76
V704182		0.27	10	10	170	<10	925
V704183		0.24	<10	<10	148	<10	373
V704184		0.29	<10	<10	128	<10	210
V704185		0.26	<10	<10	126	<10	332
V704186		0.30	<10	<10	138	<10	362
V704187		0.39	<10	10	173	<10	294
V704188		0.20	10	10	189	<10	702
V704189		0.21	<10	<10	301	<10	329
V704190		0.10	<10	<10	287	<10	692
V704191		0.10	<10	<10	339	<10	455
V704192		0.16	10	<10	277	<10	342
V704193		0.24	<10	10	213	<10	122
V704194		0.27	<10	10	246	<10	201
V704195		0.23	<10	10	197	<10	337
V704196		0.28	10	10	214	<10	493
V704197		0.24	10	10	257	<10	469
V704198		0.27	10	10	202	<10	348
V704199		0.22	<10	10	248	<10	280
V704200		0.49	<10	<10	160	<10	94
V704201		0.17	<10	<10	249	<10	420
V704202		0.12	<10	<10	188	<10	378
V704203		0.09	<10	<10	392	<10	1130
V704204		0.08	<10	<10	380	<10	823
V704205		0.16	10	10	383	<10	679
V704206		0.26	<10	<10	373	<10	100
V704207		0.16	10	<10	421	<10	343
V704208		0.20	10	<10	346	<10	94
V704209		0.15	<10	<10	369	<10	128
V704210		0.10	10	<10	322	<10	213
V704211		0.11	<10	<10	274	<10	335
V704212		0.09	<10	<10	307	<10	445
V704213		0.10	<10	10	344	<10	492
V704214		0.12	<10	10	284	<10	319
V704215		0.15	<10	10	213	<10	364
V704216		0.14	10	<10	272	<10	534

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V704217		0.86	<0.005		<0.5	5.66	52	210	1.8	<2	1.94	2.0	23	86	96	14.05
V704218		1.49	0.006		<0.5	6.56	56	190	2.2	<2	0.39	1.8	12	97	89	15.40
V704219		3.48	0.007		<0.5	7.12	7	260	2.2	2	0.45	1.4	22	107	81	13.30
V704220		0.11	3.77	3.48	0.6	7.15	27	620	0.8	2	2.54	0.7	16	65	151	5.39
V704221		1.41	0.011		<0.5	7.18	9	260	2.0	5	1.26	1.3	20	102	68	10.50
V704222		0.84	<0.005		<0.5	6.73	114	250	1.9	3	2.82	0.7	11	95	55	8.87
V704223		1.55	0.018		<0.5	8.43	22	320	2.5	<2	1.22	0.5	13	120	42	9.54
V704224		3.61	0.020		<0.5	7.17	18	260	2.2	4	0.60	2.4	14	107	82	12.35
V704225		3.50	0.022		<0.5	7.17	64	260	2.1	<2	0.99	1.3	10	105	61	10.85
V704226		3.43	0.025		<0.5	8.45	24	340	2.5	3	0.39	1.5	17	121	64	9.99

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V704217		20	2.74	30	1.03	1025	9	0.29	88	220	11	7.51	<5	11	111	<20
V704218		20	3.20	30	1.15	402	7	0.33	97	260	13	8.23	<5	12	41	<20
V704219		20	3.19	30	1.21	364	5	0.72	84	240	13	7.11	<5	13	51	<20
V704220		10	1.14	10	1.57	884	7	2.28	40	770	50	0.16	5	16	282	<20
V704221		20	2.87	30	1.36	661	6	0.98	64	210	13	5.16	<5	13	83	<20
V704222		20	2.75	30	1.38	923	4	0.67	44	190	8	3.96	<5	12	233	<20
V704223		20	3.58	30	1.46	769	6	0.90	51	210	12	4.14	<5	14	103	<20
V704224		20	3.21	30	1.23	446	6	0.56	69	240	13	6.19	5	13	53	<20
V704225		20	2.98	30	1.24	586	6	0.70	63	230	12	4.97	<5	13	67	<20
V704226		20	3.82	30	1.29	367	6	0.64	63	230	11	4.34	<5	15	49	<20

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V704217		0.13	10	<10	303	<10	414
V704218		0.15	10	10	310	<10	375
V704219		0.16	10	10	301	<10	300
V704220		0.39	10	<10	146	40	295
V704221		0.15	10	<10	222	<10	269
V704222		0.14	10	<10	196	<10	183
V704223		0.18	10	<10	247	<10	198
V704224		0.15	10	<10	292	<10	412
V704225		0.20	10	<10	236	<10	309
V704226		0.30	10	<10	246	<10	297

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Finalisée date: 27- SEPT- 2017
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CERTIFICAT D'ANALYSE VO17174020

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	BAG- 01	CRU- 32
	CRU- QC	LOG- 22	LOG- 24	PUL- 32
	PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION MIDLAND INC
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Finalisée date: 22- SEPT- 2017
Compte: MIDEXP

CERTIFICAT VO17174021

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 120 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17- AOUT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

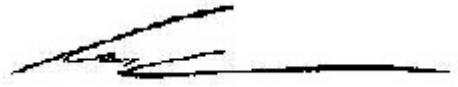
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174021

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V704227		3.72	0.010		<0.5	7.58	24	310	2.3	<2	0.64	1.2	22	105	69	10.75
V704228		1.12	0.007		<0.5	7.42	11	320	2.2	<2	0.53	0.9	22	110	98	11.05
V704229		3.28	0.012		<0.5	8.23	28	340	2.3	<2	0.54	0.9	20	117	75	9.41
V704230		3.42	<0.005		<0.5	8.35	15	330	2.1	<2	0.46	0.5	21	119	62	9.15
V704231		2.78	<0.005		<0.5	8.51	104	350	2.2	<2	0.36	<0.5	20	115	67	8.45
V704232		2.64	<0.005		<0.5	7.36	<5	320	1.7	<2	0.64	<0.5	17	91	36	8.69
V704233		3.02	<0.005		<0.5	7.58	9	410	1.8	<2	0.75	<0.5	15	86	27	7.42
V704234		0.86	<0.005		<0.5	7.92	<5	990	1.3	<2	2.84	<0.5	21	98	40	5.58
V704235		3.35	<0.005		<0.5	6.92	15	80	<0.5	<2	6.78	<0.5	43	122	138	7.38
V704236		3.26	<0.005		<0.5	7.02	17	100	<0.5	2	6.82	<0.5	44	119	104	7.10
V704237		3.35	<0.005		<0.5	6.79	10	130	<0.5	2	7.48	<0.5	42	116	116	6.91
V704238		3.29	<0.005		<0.5	6.76	15	130	<0.5	<2	7.90	<0.5	43	143	134	7.50
V704239		2.09	<0.005		<0.5	6.71	18	90	<0.5	<2	5.88	<0.5	41	139	161	7.88
V704240		0.83	<0.005		<0.5	7.72	<5	1280	0.9	<2	2.35	<0.5	21	106	52	6.75
V704241		0.92	0.013		1.9	3.13	14	90	<0.5	3	0.63	0.5	103	22	2610	26.4
V704242		3.41	0.402		6.6	0.93	6730	30	<0.5	136	0.49	0.7	461	9	7950	>50
V704243		1.27	0.157		2.0	3.53	4030	80	<0.5	228	3.75	1.8	241	20	2770	29.3
V704244		0.97	0.043		<0.5	6.07	226	90	0.5	7	1.05	<0.5	61	97	1295	14.75
V704245		0.94	0.035		0.9	5.55	652	130	0.5	29	4.27	0.6	166	87	2610	26.4
V704246		0.97	0.037		<0.5	5.50	197	240	1.2	2	5.12	<0.5	79	120	1855	19.10
V704247		2.82	0.135		0.6	7.15	107	240	1.6	2	0.88	1.7	23	148	504	14.55
V704248		2.72	0.205		0.6	4.04	110	140	1.2	<2	2.25	1.3	27	93	617	21.0
V704249		2.56	0.218		1.1	2.01	133	30	0.6	<2	4.17	2.9	39	46	1230	26.8
V704250		2.03	0.011		0.6	3.48	11	80	1.0	6	2.45	1.6	18	73	527	24.7
V704251		2.89	0.006		<0.5	6.06	7	200	1.9	<2	1.89	1.0	16	134	282	15.20
V704252		3.65	0.011		<0.5	6.40	34	230	2.0	<2	1.41	<0.5	24	165	166	16.05
V704253		2.90	0.015		<0.5	6.95	41	250	2.2	<2	1.10	1.2	21	154	162	16.05
V704254		3.47	<0.005		<0.5	6.00	9	200	2.0	<2	0.69	0.8	20	82	153	15.25
V704255		2.39	0.021		<0.5	6.36	46	240	1.9	<2	1.23	1.4	31	169	319	20.0
V704256		1.51	0.008		0.5	4.92	8	190	1.5	<2	0.67	1.8	12	112	369	25.0
V704257		1.38	0.009		<0.5	6.68	6	280	2.3	<2	0.83	0.8	17	143	246	17.25
V704258		3.05	0.012		<0.5	6.75	91	250	2.2	<2	1.37	1.5	23	128	136	16.60
V704259		3.37	0.020		<0.5	2.90	24	30	0.9	4	1.50	4.7	21	79	192	26.7
V704260		0.11	3.88	4.02	0.6	7.09	35	610	0.8	<2	2.44	0.7	18	62	150	5.27
V704261		2.84	0.011		<0.5	3.86	6	140	2.0	<2	1.23	2.2	20	80	133	26.1
V704262		2.18	0.010		<0.5	4.84	11	120	1.9	<2	1.03	0.5	17	108	59	20.8
V704263		1.24	0.007		<0.5	4.94	76	160	1.7	<2	1.05	<0.5	19	109	61	22.2
V704264		2.38	0.008		<0.5	4.70	16	120	1.3	<2	1.95	<0.5	14	105	54	18.55
V704265		2.14	<0.005		<0.5	4.33	84	110	1.3	<2	2.57	<0.5	16	95	57	17.85
V704266		1.60	<0.005		<0.5	4.86	64	160	1.6	<2	1.37	1.4	14	111	123	22.0

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ROSEMÈRE QC J7A 2H1

Finalisée date: 22- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V704227		20	3.44	30	1.14	374	5	0.39	73	210	13	4.35	5	14	51	<20
V704228		20	3.45	30	1.05	403	4	0.23	73	210	12	4.64	<5	14	45	<20
V704229		20	3.58	30	1.23	422	5	0.31	68	200	11	3.08	<5	15	47	<20
V704230		20	3.27	30	1.33	581	4	0.42	59	240	6	1.85	<5	14	43	<20
V704231		20	3.24	30	1.31	703	2	0.40	52	200	11	1.31	<5	14	39	<20
V704232		20	2.45	20	1.42	1335	<1	0.30	38	150	15	0.85	<5	11	46	<20
V704233		20	2.59	30	1.26	2380	<1	0.59	33	170	14	0.56	<5	11	62	<20
V704234		20	1.68	30	1.95	648	1	2.49	52	1010	13	0.09	<5	19	612	<20
V704235		20	0.24	10	4.14	1280	1	1.54	129	280	<2	0.21	<5	34	76	<20
V704236		20	0.41	10	4.49	1235	<1	1.13	148	280	2	0.12	<5	34	71	<20
V704237		20	0.65	<10	4.29	1155	<1	0.88	148	260	3	0.32	<5	33	70	<20
V704238		20	0.54	10	4.18	1355	<1	1.06	121	310	<2	0.52	<5	35	78	<20
V704239		20	0.46	10	4.16	1095	1	1.27	100	340	<2	0.95	6	39	78	<20
V704240		20	2.01	30	2.05	901	2	2.00	47	960	13	0.10	<5	28	425	<20
V704241		10	0.34	10	2.15	205	12	0.78	113	260	8	>10.0	<5	6	13	<20
V704242		20	0.21	20	0.45	74	8	0.16	233	70	74	>10.0	31	3	5	<20
V704243		50	0.79	30	2.47	583	5	0.13	126	90	89	>10.0	45	10	40	<20
V704244		40	1.06	50	8.63	788	5	0.03	58	560	6	5.15	5	8	17	<20
V704245		30	1.25	50	4.14	749	8	0.12	114	310	13	>10.0	5	13	51	<20
V704246		20	2.16	40	1.00	1030	12	0.63	93	840	8	9.24	<5	15	63	<20
V704247		20	2.16	30	1.18	309	8	1.93	114	910	41	>10.0	11	18	34	<20
V704248		20	1.42	30	1.48	921	25	0.25	152	250	56	>10.0	18	11	29	<20
V704249		10	0.48	20	1.15	1830	21	0.14	176	400	63	>10.0	20	7	43	<20
V704250		20	0.97	20	1.41	1440	20	0.38	153	340	20	>10.0	7	10	41	<20
V704251		20	2.34	20	1.24	901	14	0.63	120	210	11	8.72	<5	15	47	<20
V704252		20	2.68	30	1.25	708	13	0.40	156	460	12	9.99	<5	17	41	<20
V704253		20	2.93	30	1.22	602	11	0.43	151	480	12	>10.0	<5	18	38	<20
V704254		20	2.37	20	1.37	611	7	0.42	83	200	7	8.27	<5	11	30	<20
V704255		20	2.60	20	1.13	702	15	0.59	150	590	18	>10.0	<5	20	44	<20
V704256		10	2.10	20	0.96	556	17	0.19	185	340	19	>10.0	<5	13	24	<20
V704257		20	3.09	20	1.13	826	13	0.08	133	230	16	9.25	<5	16	29	<20
V704258		20	2.73	30	1.51	2070	9	0.24	116	470	19	8.67	<5	16	43	<20
V704259		20	0.49	20	1.63	3010	17	0.24	158	620	33	>10.0	<5	10	48	<20
V704260		20	1.10	10	1.53	876	8	2.23	41	770	48	0.16	6	16	280	<20
V704261		20	1.42	20	1.02	1835	21	0.21	153	360	21	>10.0	<5	11	57	<20
V704262		20	1.11	20	1.43	2300	17	0.83	94	420	18	>10.0	6	13	84	<20
V704263		20	1.45	20	1.34	2180	15	0.39	99	330	14	>10.0	<5	14	56	<20
V704264		20	1.12	30	1.23	2840	16	0.66	80	450	12	8.88	<5	13	94	<20
V704265		20	1.04	30	1.15	3040	14	0.87	78	480	13	9.21	<5	12	127	<20
V704266		20	1.73	30	1.30	1935	18	0.43	125	470	16	>10.0	<5	13	81	<20

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CERTIFICAT D'ANALYSE VO17174021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V704227		0.30	<10	<10	205	<10	256
V704228		0.35	<10	<10	225	<10	248
V704229		0.35	10	<10	214	<10	194
V704230		0.34	<10	<10	200	<10	213
V704231		0.33	<10	<10	174	<10	155
V704232		0.27	<10	<10	107	<10	103
V704233		0.28	<10	<10	88	<10	83
V704234		0.52	<10	<10	150	<10	103
V704235		0.49	<10	<10	260	<10	73
V704236		0.49	<10	<10	255	<10	71
V704237		0.46	<10	<10	245	<10	67
V704238		0.47	<10	<10	264	<10	102
V704239		0.55	<10	<10	292	<10	98
V704240		0.52	<10	<10	159	<10	113
V704241		0.24	<10	<10	83	<10	229
V704242		0.04	<10	<10	38	<10	375
V704243		0.15	<10	<10	68	<10	538
V704244		0.21	<10	<10	143	<10	192
V704245		0.18	<10	<10	101	<10	71
V704246		0.24	<10	10	121	<10	143
V704247		0.46	10	<10	149	<10	668
V704248		0.21	<10	10	265	<10	343
V704249		0.10	<10	10	272	<10	748
V704250		0.15	<10	<10	340	<10	285
V704251		0.22	<10	<10	215	<10	258
V704252		0.23	<10	10	186	<10	229
V704253		0.25	<10	10	209	<10	269
V704254		0.16	<10	<10	252	<10	229
V704255		0.24	10	10	246	<10	428
V704256		0.14	10	10	246	<10	528
V704257		0.15	<10	<10	204	<10	306
V704258		0.13	<10	<10	222	<10	377
V704259		0.09	<10	<10	377	<10	1165
V704260		0.37	<10	<10	146	40	296
V704261		0.18	<10	10	373	<10	820
V704262		0.20	<10	<10	365	<10	298
V704263		0.27	<10	<10	368	<10	235
V704264		0.29	10	<10	347	<10	149
V704265		0.11	<10	<10	348	<10	146
V704266		0.19	<10	10	299	<10	317

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CERTIFICAT D'ANALYSE VO17174021

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V704267		0.94	<0.005		<0.5	7.81	<5	1510	1.1	<2	2.44	<0.5	23	106	52	6.02
V704268		2.82	0.008		<0.5	7.35	24	10	<0.5	2	6.75	<0.5	43	123	139	7.46
V704269		3.38	<0.005		<0.5	7.45	21	<10	<0.5	<2	7.18	<0.5	44	125	117	7.54
V704270		3.41	<0.005		<0.5	7.05	19	<10	<0.5	<2	6.81	<0.5	45	114	144	7.38
V704271		0.93	0.005		<0.5	7.35	12	10	<0.5	<2	7.10	<0.5	46	121	150	7.76
V704272		3.55	<0.005		<0.5	7.24	6	<10	<0.5	<2	7.34	0.5	47	121	158	7.98
V704273		1.14	0.007		<0.5	7.38	6	<10	<0.5	<2	7.35	<0.5	50	121	142	7.91
V704274		2.13	0.005		<0.5	7.15	10	<10	<0.5	<2	6.89	0.5	45	127	139	7.61
V704275		0.98	0.007		<0.5	7.28	16	<10	<0.5	<2	7.30	0.8	49	133	141	7.68
V704276		3.19	<0.005		<0.5	6.82	12	10	<0.5	<2	6.62	0.6	46	116	134	7.17
V704277		3.45	<0.005		<0.5	7.00	10	<10	<0.5	<2	6.79	0.8	43	170	127	7.20
V704278		3.53	<0.005		<0.5	7.15	5	<10	<0.5	<2	6.99	0.8	47	133	122	7.86
V704279		2.34	0.013		<0.5	6.92	26	<10	<0.5	<2	6.84	0.8	49	138	157	8.15
V704280		0.97	<0.005		<0.5	7.86	<5	1160	1.2	<2	2.68	<0.5	20	93	32	5.44
V704281		2.22	0.022		<0.5	6.65	29	<10	<0.5	2	6.57	0.7	48	135	123	7.97
V704282		1.17	0.010		<0.5	7.34	14	120	0.5	3	4.00	0.5	34	126	414	7.71
V704283		1.08	<0.005		<0.5	7.88	<5	1150	1.1	<2	2.87	0.6	21	106	47	6.18
V704284		0.11	3.92	4.03	0.7	6.76	30	590	0.7	3	2.39	1.1	18	63	150	5.20
V704285		1.58	2.56		13.9	1.43	2830	30	<0.5	490	0.32	0.7	1530	25	5080	44.4
V704286		1.25	0.445		5.9	0.55	6090	20	<0.5	125	2.01	0.6	1370	11	2440	47.1
V704287		2.29	0.025		2.9	2.23	493	40	<0.5	58	1.63	<0.5	91	29	3540	47.4
V704288		3.18	0.115		4.1	1.81	1540	10	<0.5	37	2.16	0.7	115	19	6890	46.2
V704289		3.14	0.442		6.3	1.19	9380	10	<0.5	97	1.71	1.1	235	17	8770	48.3
V704290		3.42	0.339		6.6	1.61	>10000	40	<0.5	257	4.41	0.9	311	14	5320	43.3
V704291		1.88	0.260		4.0	6.82	>10000	230	0.5	155	0.57	<0.5	238	35	3350	25.7
V704292		1.71	0.037		0.6	7.22	1085	320	0.7	36	3.69	0.9	53	133	1260	21.0
V704293		0.97	0.090		1.1	4.61	4990	90	<0.5	68	7.96	1.5	96	79	4100	27.6
V704294		1.10	0.161		0.7	7.27	706	110	<0.5	43	7.96	1.4	67	117	1910	15.15
V704295		0.97	0.040		0.5	9.00	54	140	0.6	36	0.22	0.5	45	149	1840	16.35
V704296		0.94	0.025		<0.5	8.56	62	100	0.5	23	0.85	<0.5	56	194	1765	14.90
V704297		1.41	0.015		0.5	8.55	94	80	0.5	19	1.19	0.5	33	180	1305	13.50
V704298		1.66	0.006		<0.5	7.96	278	20	<0.5	4	0.46	<0.5	14	172	649	7.72
V704299		1.28	0.009		<0.5	7.49	177	180	0.9	<2	0.23	<0.5	39	275	886	14.05
V704300		0.11	4.09	4.05	0.6	6.89	37	600	0.8	<2	2.47	1.2	18	64	153	5.20
V704301		1.34	0.013		0.9	6.60	3660	210	0.9	3	6.49	0.8	74	232	1830	13.05
V704302		1.50	0.009		<0.5	5.87	199	150	0.7	4	5.75	1.1	37	217	1520	14.50
V704303		0.87	0.024		<0.5	4.08	27	110	0.6	5	8.94	0.9	128	106	1315	20.4
V704304		1.43	0.071		0.8	5.15	6	120	0.8	6	2.34	1.1	32	103	1275	21.3
V704305		1.60	0.090		1.1	4.60	22	110	1.0	3	2.07	2.7	36	88	4050	22.9
V704306		1.43	0.211		0.7	6.54	137	80	1.5	6	0.58	3.3	45	106	715	17.95

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 22- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
V704267		20	2.21	30	1.97	750	2	2.23	53	910	15	0.13	<5	20	553	<20
V704268		20	0.02	<10	4.31	1245	<1	1.74	137	280	<2	0.14	<5	33	76	<20
V704269		20	0.02	10	4.41	1280	<1	1.59	138	270	<2	0.12	<5	36	83	<20
V704270		20	0.01	<10	4.27	1240	<1	1.51	134	260	<2	0.13	<5	35	75	<20
V704271		20	0.02	10	4.33	1295	<1	1.28	136	310	<2	0.16	6	38	99	<20
V704272		20	0.02	10	4.43	1330	<1	0.89	139	300	<2	0.18	6	37	139	<20
V704273		20	0.02	<10	4.37	1360	1	0.91	141	290	<2	0.11	<5	36	137	<20
V704274		20	0.02	<10	4.46	1325	<1	1.31	155	260	6	0.10	5	34	90	<20
V704275		20	0.02	<10	4.53	1345	<1	1.32	157	270	4	0.11	<5	34	97	<20
V704276		10	0.02	<10	4.47	1235	<1	1.31	170	250	<2	0.14	<5	30	83	<20
V704277		10	0.01	<10	4.55	1230	<1	1.46	156	270	2	0.18	<5	33	80	<20
V704278		20	0.02	<10	4.59	1335	<1	0.98	147	270	<2	0.33	<5	36	110	<20
V704279		20	0.02	<10	4.56	1370	<1	1.09	147	300	<2	0.33	<5	36	89	<20
V704280		20	1.83	20	1.87	652	1	2.44	48	940	14	0.07	7	16	519	<20
V704281		20	0.02	<10	4.31	1330	<1	1.33	133	300	2	0.56	<5	36	74	<20
V704282		20	0.43	10	4.42	898	3	2.57	83	510	2	2.12	<5	32	58	<20
V704283		20	1.60	20	2.02	748	1	2.46	58	1180	14	0.11	<5	18	621	<20
V704284		20	1.09	10	1.49	866	7	2.18	41	750	48	0.14	<5	15	269	<20
V704285		20	0.46	10	0.66	133	11	0.09	122	90	261	>10.0	44	4	2	<20
V704286		10	0.11	10	0.29	222	6	0.11	144	70	67	>10.0	20	2	15	<20
V704287		40	0.40	20	1.37	287	14	0.38	204	90	44	>10.0	<5	5	20	<20
V704288		30	0.13	30	0.97	347	16	0.68	202	190	22	>10.0	8	4	27	<20
V704289		30	0.08	10	0.54	244	9	0.53	212	160	56	>10.0	22	2	20	<20
V704290		30	0.39	40	0.76	567	10	0.21	196	100	64	>10.0	80	4	51	<20
V704291		40	1.77	70	4.45	463	16	0.07	135	220	48	>10.0	108	14	27	<20
V704292		20	2.48	30	4.21	716	7	0.09	112	520	12	8.77	<5	15	64	<20
V704293		10	0.83	30	3.85	1105	3	0.03	127	110	15	>10.0	14	10	91	<20
V704294		20	1.03	70	7.60	1345	8	0.03	71	250	11	7.09	5	15	94	<20
V704295		30	1.38	70	9.80	710	9	0.06	69	740	7	6.23	<5	17	14	<20
V704296		30	1.07	30	10.45	789	6	0.06	82	1240	8	5.78	<5	15	18	<20
V704297		30	0.78	70	9.12	732	19	0.99	134	1430	3	5.00	<5	20	32	<20
V704298		20	0.19	40	4.33	324	5	4.41	80	1640	3	3.14	5	19	50	<20
V704299		20	1.59	20	2.61	233	11	2.78	86	680	7	5.90	<5	22	41	<20
V704300		20	1.11	10	1.53	888	7	2.19	43	760	47	0.15	8	16	271	<20
V704301		20	1.91	20	2.57	943	5	1.65	80	330	3	7.04	<5	20	93	<20
V704302		20	1.40	20	2.70	862	5	1.59	80	240	2	6.99	<5	18	84	<20
V704303		10	1.03	20	1.39	1270	15	0.98	97	160	11	>10.0	<5	11	110	<20
V704304		10	1.09	20	0.94	442	14	2.06	112	170	35	>10.0	7	10	48	<20
V704305		10	1.37	20	1.02	533	18	1.12	123	210	32	>10.0	11	9	37	<20
V704306		20	1.82	30	1.97	425	16	1.46	103	230	53	>10.0	12	11	29	<20

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CERTIFICAT D'ANALYSE VO17174021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V704267		0.53	<10	<10	147	<10	118
V704268		0.49	10	<10	269	<10	72
V704269		0.49	10	<10	276	<10	71
V704270		0.50	<10	<10	269	<10	72
V704271		0.55	<10	<10	287	<10	76
V704272		0.53	<10	<10	281	<10	85
V704273		0.51	<10	<10	274	<10	84
V704274		0.48	<10	<10	255	<10	81
V704275		0.49	<10	<10	260	<10	84
V704276		0.43	<10	<10	232	<10	106
V704277		0.45	<10	<10	240	<10	90
V704278		0.51	<10	<10	268	<10	85
V704279		0.53	<10	<10	275	<10	100
V704280		0.51	<10	<10	139	<10	105
V704281		0.53	<10	<10	277	<10	89
V704282		0.68	<10	10	275	<10	91
V704283		0.61	<10	<10	139	<10	112
V704284		0.36	<10	<10	141	40	293
V704285		0.10	<10	<10	57	<10	382
V704286		0.04	<10	10	22	<10	133
V704287		0.15	<10	10	77	<10	108
V704288		0.08	<10	10	56	<10	201
V704289		0.07	<10	10	38	<10	335
V704290		0.07	<10	10	52	<10	122
V704291		0.23	<10	10	184	<10	114
V704292		0.31	10	10	149	<10	83
V704293		0.24	<10	10	65	<10	65
V704294		0.48	<10	10	137	<10	100
V704295		0.79	<10	10	181	10	97
V704296		0.78	<10	<10	188	<10	84
V704297		0.70	<10	10	229	<10	72
V704298		0.69	<10	<10	163	<10	43
V704299		0.31	<10	10	186	<10	38
V704300		0.37	<10	<10	145	40	300
V704301		0.29	<10	10	149	<10	56
V704302		0.20	<10	10	133	<10	40
V704303		0.14	<10	10	125	<10	28
V704304		0.21	<10	10	130	<10	72
V704305		0.22	<10	10	152	<10	617
V704306		0.27	<10	10	185	<10	922

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CERTIFICAT D'ANALYSE VO17174021

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
V704307		1.60	0.438		1.2	4.27	235	30	1.3	3	0.79	3.1	45	44	580	25.5
V704308		1.91	0.316		0.9	4.63	180	40	1.4	<2	1.18	2.2	24	53	733	21.8
V704309		1.00	0.668		1.3	2.32	294	40	0.8	<2	1.56	2.2	30	50	344	27.6
V704310		2.53	0.145		0.8	3.87	68	110	1.0	<2	1.94	1.2	21	87	1080	19.55
V704311		1.43	0.304		1.1	3.03	116	70	0.9	3	2.34	2.3	26	52	922	22.0
V704312		1.09	0.260		1.1	3.02	119	80	0.9	<2	1.97	2.1	22	48	705	21.1
V704313		1.86	0.395		1.4	1.29	168	30	<0.5	5	4.02	3.0	31	32	569	25.0
V704314		2.67	0.146		0.9	2.39	58	40	0.8	<2	5.57	2.7	19	51	829	23.1
V704315		2.65	0.015		0.7	2.39	232	10	1.2	<2	7.01	2.9	17	63	872	19.80
V704316		1.93	0.009		<0.5	2.67	11	40	0.9	3	5.19	1.4	20	59	405	20.1
V704317		1.77	<0.005		<0.5	3.67	221	60	1.1	<2	5.37	0.8	10	85	174	16.15
V704318		1.83	0.007		<0.5	6.03	11	170	1.8	<2	2.72	0.9	13	145	138	14.70
V704319		1.71	<0.005		<0.5	7.30	10	230	2.2	<2	0.83	<0.5	14	186	80	11.40
V704320		1.06	<0.005		<0.5	7.50	<5	1180	1.1	<2	2.46	<0.5	23	105	61	6.01
V704321		1.67	0.033		<0.5	6.08	99	140	1.9	<2	1.34	2.2	32	164	117	18.40
V704322		2.49	0.041		0.6	5.40	141	100	1.6	<2	2.76	2.4	29	159	66	18.90
V704323		2.41	<0.005		<0.5	6.36	14	230	2.0	2	0.61	1.3	23	94	79	13.60
V704324		0.86	0.023		<0.5	2.69	77	40	0.5	<2	3.09	5.9	13	60	97	18.95
V704325		4.02	0.022		<0.5	3.01	8	60	1.1	<2	1.37	3.7	19	66	120	27.7
V704326		2.50	0.012		<0.5	4.47	95	120	1.6	<2	1.32	0.8	15	100	65	18.25
V704327		1.63	0.008		<0.5	4.24	24	130	1.3	2	1.30	1.0	9	96	98	20.4
V704328		2.73	0.007		0.5	4.90	112	150	1.7	<2	0.91	0.9	18	110	115	21.1
V704329		4.11	0.011		0.5	4.89	7	160	1.7	2	0.53	1.0	16	98	117	22.0
V704330		4.00	0.009		<0.5	5.01	18	170	1.7	<2	0.60	2.2	21	106	111	21.4
V704331		3.82	0.006		<0.5	6.22	<5	240	1.8	<2	0.44	1.7	16	102	97	16.65
V704332		2.38	0.006		<0.5	5.62	32	220	1.8	<2	0.88	2.9	15	83	98	15.25
V704333		1.55	0.007		<0.5	6.47	10	250	1.9	<2	0.47	1.5	13	99	91	12.20
V704334		1.88	0.013		<0.5	7.58	16	310	2.4	<2	0.44	3.1	17	120	66	11.20
V704335		2.74	0.007		<0.5	7.00	45	290	2.2	<2	0.37	1.3	15	109	50	9.07
V704336		3.52	0.010		<0.5	7.54	66	300	2.2	<2	0.39	0.7	15	112	42	8.55
V704337		3.32	0.011		0.5	7.66	29	320	2.3	<2	0.36	1.2	21	117	75	10.35
V704338		3.50	0.009		<0.5	7.98	8	300	2.0	<2	0.47	0.6	18	115	58	8.90
V704339		3.38	0.013		0.5	7.68	19	320	2.2	<2	0.60	1.2	17	113	84	9.76
V704340		0.11	3.97	4.17	0.8	6.58	36	570	0.8	<2	2.32	0.9	17	61	140	4.99
V704341		3.30	0.005		<0.5	8.41	8	270	1.8	<2	0.60	<0.5	17	116	59	8.96
V704342		2.80	0.008		<0.5	8.31	<5	360	2.2	<2	0.65	0.8	19	115	76	8.23
V704343		3.27	0.006		<0.5	8.27	<5	380	2.3	2	0.27	0.6	17	112	57	7.81
V704344		1.24	<0.005		<0.5	7.76	6	290	1.8	<2	0.38	<0.5	15	103	60	9.05
V704345		2.12	<0.005		<0.5	4.96	9	130	0.8	<2	1.70	0.7	17	64	25	8.61
V704346		2.79	<0.005		<0.5	7.08	10	340	1.5	<2	1.21	<0.5	17	81	36	8.96

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V704307		20	1.71	50	1.27	390	29	0.22	147	260	97	>10.0	20	7	19	<20
V704308		20	1.73	40	1.40	574	28	0.42	121	260	75	>10.0	18	7	26	<20
V704309		10	0.93	20	0.81	560	31	0.04	166	140	122	>10.0	31	6	20	<20
V704310		10	1.09	20	1.77	788	22	0.42	123	290	31	>10.0	11	11	31	<20
V704311		10	0.80	30	1.41	924	19	0.37	140	260	55	>10.0	19	7	34	<20
V704312		10	0.83	20	1.27	816	24	0.39	134	300	56	>10.0	23	7	30	<20
V704313		<10	0.38	10	0.73	1550	21	0.02	165	320	69	>10.0	28	5	48	<20
V704314		10	0.44	10	0.97	2740	17	0.56	161	400	30	>10.0	12	7	88	<20
V704315		10	0.36	10	1.39	3200	13	0.48	120	530	11	9.38	6	8	136	<20
V704316		10	0.59	10	1.16	2010	15	0.49	115	340	11	>10.0	7	8	82	<20
V704317		10	0.96	20	1.37	2220	12	0.61	87	420	12	9.21	7	10	87	<20
V704318		20	2.09	20	1.49	1215	11	0.80	119	300	10	8.24	6	15	59	<20
V704319		20	2.70	20	1.32	440	8	1.18	116	280	6	6.55	7	17	47	<20
V704320		20	2.04	30	2.10	607	1	2.15	65	1030	15	0.12	<5	17	515	<20
V704321		10	2.89	10	0.93	423	12	0.31	166	650	22	>10.0	9	18	38	<20
V704322		10	2.43	20	0.92	750	16	0.23	138	610	36	>10.0	17	16	52	<20
V704323		20	2.59	20	1.34	726	7	0.36	91	240	6	6.76	<5	12	31	<20
V704324		10	0.46	10	1.40	4080	10	0.16	106	690	24	9.38	<5	7	54	<20
V704325		10	0.73	10	1.40	2320	17	0.15	159	500	31	>10.0	7	9	45	<20
V704326		20	1.13	20	1.24	2140	15	0.70	91	400	17	9.19	6	12	71	<20
V704327		10	1.34	20	1.25	1620	13	0.47	112	370	11	>10.0	<5	11	53	<20
V704328		20	1.88	20	1.34	1540	15	0.35	125	410	16	>10.0	5	13	63	<20
V704329		20	2.21	20	1.22	1050	15	0.05	141	270	21	>10.0	7	11	34	<20
V704330		10	2.22	20	1.32	1135	15	0.08	130	370	15	>10.0	7	12	36	<20
V704331		10	2.86	20	1.11	634	7	0.50	107	250	12	7.71	5	12	43	<20
V704332		10	2.68	20	0.96	687	9	0.29	99	190	20	7.50	5	10	50	<20
V704333		20	2.79	30	1.04	429	5	0.73	81	210	15	5.90	6	12	47	<20
V704334		20	3.45	20	1.13	393	6	0.67	77	280	15	5.33	<5	14	50	<20
V704335		20	3.21	20	1.16	445	5	0.40	55	260	13	3.84	<5	13	40	<20
V704336		20	3.10	30	1.18	504	3	0.57	52	210	5	2.77	<5	13	42	<20
V704337		20	3.45	30	1.20	447	5	0.39	72	220	15	3.89	<5	13	42	<20
V704338		20	2.97	30	1.22	636	3	0.60	58	210	9	2.01	5	13	47	<20
V704339		20	3.43	30	1.14	472	4	0.28	70	190	13	3.32	<5	13	48	<20
V704340		10	1.05	10	1.43	825	7	2.10	40	730	46	0.14	8	15	264	<20
V704341		20	2.58	30	1.29	865	3	1.02	52	270	7	1.11	<5	13	60	<20
V704342		20	3.34	30	1.21	700	2	0.37	56	210	19	1.64	<5	13	53	<20
V704343		20	3.44	30	1.19	591	2	0.20	51	180	14	1.40	5	13	36	<20
V704344		20	2.50	20	1.51	926	1	0.26	39	180	9	0.68	<5	12	36	<20
V704345		10	0.91	10	1.18	1860	<1	0.31	25	130	7	0.34	<5	7	76	<20
V704346		20	2.31	20	1.29	2140	1	0.42	34	170	10	0.99	<5	10	80	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 22- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174021

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V704307		0.21	<10	10	253	<10	891
V704308		0.22	<10	10	254	<10	444
V704309		0.14	<10	20	223	<10	391
V704310		0.22	<10	10	290	<10	252
V704311		0.15	10	10	235	<10	450
V704312		0.16	<10	10	266	<10	486
V704313		0.07	<10	10	230	<10	795
V704314		0.13	<10	10	292	<10	569
V704315		0.14	<10	10	324	<10	514
V704316		0.10	<10	10	298	<10	232
V704317		0.19	<10	10	273	<10	84
V704318		0.26	<10	10	224	<10	188
V704319		0.30	<10	10	168	<10	143
V704320		0.56	<10	<10	151	<10	115
V704321		0.37	<10	10	208	<10	513
V704322		0.33	<10	10	228	<10	503
V704323		0.16	<10	10	245	<10	310
V704324		0.10	<10	10	234	<10	1225
V704325		0.11	<10	10	350	<10	844
V704326		0.21	<10	10	335	<10	220
V704327		0.19	<10	10	272	<10	209
V704328		0.13	<10	10	307	<10	152
V704329		0.10	10	10	274	<10	225
V704330		0.12	10	10	271	<10	552
V704331		0.12	<10	10	267	<10	347
V704332		0.12	<10	10	280	<10	473
V704333		0.14	<10	10	222	<10	284
V704334		0.19	<10	10	269	<10	530
V704335		0.22	<10	<10	222	<10	280
V704336		0.34	<10	<10	207	<10	207
V704337		0.36	<10	<10	226	<10	244
V704338		0.34	<10	10	189	<10	199
V704339		0.34	<10	10	201	<10	194
V704340		0.36	<10	<10	136	40	277
V704341		0.35	<10	<10	166	<10	188
V704342		0.34	<10	<10	174	<10	216
V704343		0.31	<10	<10	172	<10	174
V704344		0.28	<10	<10	149	<10	137
V704345		0.18	<10	<10	63	<10	62
V704346		0.25	<10	<10	91	<10	97

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CERTIFICAT D'ANALYSE VO17174021

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

Traité à ALS Tucson, Arizona, USA

Applique à la Méthode:				
	BAG- 01	CRU- 32	CRU- QC	LOG- 22
	LOG- 24	PUL- 32	PUL- QC	SPL- 21
	WEI- 21			

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 28- SEPT- 2017
Compte: MIDEXP

CERTIFICAT VO17174193

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 94 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- AOUT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP06	Roche entière - ICP- AES	ICP- AES
OA- GRA05	Perte par calcination à 1 000 C	WST- SEQ
ME- MS81	Fusion Lithium Borate ICP- MS	ICP- MS
TOT- ICP06		ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 28- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174193

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	ME- MS81 Ba ppm 0.5	ME- MS81 Ce ppm 0.5	ME- MS81 Cr ppm 10	ME- MS81 Cs ppm 0.01	ME- MS81 Dy ppm 0.05	ME- MS81 Er ppm 0.03	ME- MS81 Eu ppm 0.03	ME- MS81 Ga ppm 0.1	ME- MS81 Gd ppm 0.05	ME- MS81 Hf ppm 0.2	ME- MS81 Ho ppm 0.01	ME- MS81 La ppm 0.5	ME- MS81 Lu ppm 0.01	ME- MS81 Nb ppm 0.2
S434679		0.38	40.2	7.1	1230	1.35	2.29	1.48	0.41	12.2	1.93	0.9	0.48	2.9	0.16	1.7
S434680		0.36	119.0	3.5	1440	0.27	1.55	1.01	0.40	12.1	1.37	0.7	0.33	1.3	0.12	1.0
S434681		0.31	157.5	5.4	1320	0.41	1.83	1.18	0.37	11.9	1.40	0.9	0.38	2.2	0.13	1.5
S434682		0.38	29.2	3.9	1490	0.11	1.72	1.08	0.39	11.6	1.45	0.7	0.36	1.5	0.12	1.1
S434683		0.76	49.0	3.5	670	0.18	1.42	0.88	0.32	13.3	1.12	0.7	0.29	1.5	0.09	0.9
S434684		0.73	116.0	4.6	50	0.29	1.81	1.19	0.38	15.7	1.41	0.9	0.40	1.9	0.14	1.3
S434685		0.77	98.2	4.3	50	0.29	1.60	1.02	0.37	15.4	1.22	0.6	0.33	1.7	0.11	1.1
S434686		0.83	63.1	4.3	50	0.20	1.55	1.08	0.40	15.2	1.30	0.6	0.33	1.8	0.11	1.1
S434687		0.81	50.2	4.4	40	0.17	1.70	0.98	0.41	15.7	1.38	0.8	0.35	1.7	0.11	1.0
S434688		0.77	19.7	4.3	50	0.17	1.62	1.04	0.41	16.1	1.35	0.8	0.34	1.9	0.11	1.1
S434689		0.36	81.3	4.1	40	0.24	1.62	1.02	0.42	17.1	1.33	0.6	0.32	1.7	0.12	1.0
S434690		0.42	40.0	4.1	40	0.16	1.63	1.01	0.42	16.4	1.20	0.7	0.28	1.7	0.12	1.1
S434691		0.36	37.8	6.7	30	0.51	2.36	1.48	0.57	21.5	1.79	1.0	0.47	2.6	0.20	1.7
S434692		0.38	104.5	8.3	30	1.74	2.79	1.84	0.71	20.1	2.30	1.3	0.59	3.4	0.23	2.3
S434693		0.32	135.0	31.6	20	2.73	8.08	5.05	1.57	22.3	7.25	4.3	1.74	13.2	0.76	8.4
S434694		0.34	95.8	35.4	30	2.16	8.88	5.78	1.65	22.9	7.55	5.7	1.89	14.6	0.85	13.6
S434695		0.33	27.0	23.5	30	0.43	7.61	4.75	1.61	20.4	6.06	6.1	1.57	8.3	0.78	11.5
S434696		0.31	51.3	62.0	30	0.40	7.84	5.02	2.57	24.1	7.88	6.4	1.71	31.8	0.82	7.3
S434697		0.33	30.1	31.8	40	0.25	9.38	6.04	2.09	20.2	7.79	5.6	2.04	12.9	0.86	11.2
S434698		0.80	32.1	5.5	40	0.27	2.20	1.30	0.48	18.6	1.63	0.8	0.43	2.4	0.16	1.6
S434699		0.33	30.5	5.7	30	0.31	2.23	1.44	0.55	19.3	1.74	0.8	0.47	2.4	0.16	1.5
S434700		0.83	17.8	4.9	30	0.34	2.11	1.31	0.52	21.1	1.62	0.7	0.40	1.9	0.13	1.4
S437500		Not Recvd														
S437501		0.79	75.1	7.2	30	2.14	2.50	1.62	0.68	20.8	1.85	1.2	0.52	3.1	0.21	2.2
S437502		0.32	44.3	9.9	30	0.33	3.58	2.30	0.94	21.6	3.05	2.2	0.78	3.8	0.30	3.1
S437503		0.78	49.4	7.8	30	0.19	3.15	1.99	1.08	22.2	2.68	1.5	0.70	3.0	0.29	3.0
S437504		0.33	174.5	8.5	30	5.61	3.52	2.37	1.26	22.0	2.87	1.9	0.74	3.3	0.34	4.5
S437505		0.34	151.0	10.3	10	4.80	4.23	2.79	1.14	19.0	3.69	2.1	0.96	3.9	0.44	3.8
S437506		0.37	256	18.7	20	5.76	5.37	3.23	1.31	20.1	4.73	2.8	1.20	7.7	0.50	6.0
S437507		0.30	520	106.5	80	0.72	3.81	1.95	1.41	22.9	5.03	4.3	0.75	57.9	0.23	12.4
S437508		0.34	240	7.6	770	0.44	2.02	1.39	0.48	12.5	1.81	0.9	0.50	3.2	0.21	3.3
S437509		0.31	577	57.5	60	0.58	2.21	1.26	0.82	13.5	2.72	13.5	0.42	29.0	0.20	7.9
S437510		0.32	306	12.5	400	0.63	2.26	1.46	0.68	13.5	2.34	1.3	0.46	5.2	0.17	3.0
S437511		0.36	954	97.5	110	0.95	3.51	1.75	1.30	23.6	4.59	4.1	0.68	51.1	0.20	10.4
S437512		0.29	48.7	10.8	360	0.14	1.73	1.00	0.58	14.2	1.76	1.0	0.34	4.8	0.12	2.5
S437513		0.37	52.9	12.9	450	0.08	2.07	1.14	0.70	16.4	2.09	1.2	0.44	5.7	0.16	3.0
S437514		0.33	248	14.2	310	0.28	2.11	1.20	0.77	15.9	2.28	1.3	0.43	6.2	0.13	3.2
S437515		0.30	110.0	18.0	300	0.16	2.52	1.24	0.83	17.1	2.66	1.5	0.47	7.9	0.19	3.7
S437516		0.79	100.0	16.2	240	0.15	2.09	1.21	0.69	16.5	1.99	1.5	0.37	7.4	0.16	3.2
S437517		0.34	422	15.3	210	0.82	2.09	1.33	0.63	14.9	2.05	1.4	0.43	6.8	0.17	3.0

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 28- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174193

Description échantillon	Méthode élément unités L.D.	ME- MS81 Nd ppm 0.1	ME- MS81 Pr ppm 0.03	ME- MS81 Rb ppm 0.2	ME- MS81 Sm ppm 0.03	ME- MS81 Sn ppm 1	ME- MS81 Sr ppm 0.1	ME- MS81 Ta ppm 0.1	ME- MS81 Tb ppm 0.01	ME- MS81 Th ppm 0.05	ME- MS81 Tm ppm 0.01	ME- MS81 U ppm 0.05	ME- MS81 V ppm 5	ME- MS81 W ppm 1	ME- MS81 Y ppm 0.5	ME- MS81 Yb ppm 0.03
S434679		4.4	0.89	14.5	1.56	<1	49.2	0.1	0.33	0.20	0.17	0.05	246	1	13.6	1.38
S434680		3.1	0.56	17.3	0.99	1	108.5	<0.1	0.24	0.10	0.12	<0.05	204	1	9.8	0.94
S434681		3.9	0.77	28.3	1.24	<1	85.0	<0.1	0.25	0.16	0.12	<0.05	218	1	10.8	1.01
S434682		3.3	0.58	4.0	1.14	1	132.0	<0.1	0.23	0.14	0.11	<0.05	215	1	10.1	0.99
S434683		2.5	0.48	8.2	0.92	1	135.0	<0.1	0.22	0.10	0.10	<0.05	172	1	8.4	0.83
S434684		3.5	0.67	18.3	1.12	1	115.5	0.1	0.27	0.23	0.13	<0.05	237	1	10.7	1.06
S434685		3.5	0.61	20.1	0.96	1	113.5	<0.1	0.22	0.18	0.10	<0.05	209	<1	9.6	0.92
S434686		3.1	0.56	12.3	0.96	1	116.0	<0.1	0.23	0.23	0.13	<0.05	209	1	9.7	1.02
S434687		3.4	0.63	9.8	1.02	1	135.0	<0.1	0.23	0.20	0.10	<0.05	217	1	10.1	1.01
S434688		3.2	0.54	3.8	1.19	1	107.0	<0.1	0.26	0.28	0.11	0.54	217	1	9.8	1.04
S434689		3.1	0.56	16.5	1.05	1	155.5	<0.1	0.20	0.27	0.11	0.08	207	1	9.6	0.94
S434690		3.3	0.57	7.7	1.03	1	165.5	<0.1	0.22	0.20	0.10	0.06	222	1	9.9	0.95
S434691		4.8	0.92	2.9	1.55	1	181.0	0.1	0.32	0.32	0.15	0.07	935	1	13.5	1.38
S434692		5.8	1.15	13.5	1.77	1	170.5	0.1	0.40	0.52	0.22	0.11	761	<1	16.5	1.54
S434693		21.8	4.30	9.1	5.84	1	94.4	0.5	1.23	2.86	0.74	0.62	11	2	47.3	4.91
S434694		24.3	4.97	8.5	6.78	1	61.1	0.7	1.44	3.39	0.85	0.70	6	1	51.7	5.44
S434695		19.7	3.70	5.8	5.48	2	52.2	0.7	1.06	4.21	0.71	0.84	<5	2	41.9	5.02
S434696		30.5	7.29	2.3	7.30	2	193.0	0.5	1.24	5.15	0.80	0.79	<5	1	49.8	5.05
S434697		22.0	4.62	2.8	6.76	2	98.2	0.7	1.41	3.44	0.87	0.76	<5	1	54.1	5.72
S434698		4.1	0.78	2.1	1.24	1	132.0	<0.1	0.28	0.22	0.14	<0.05	972	1	12.5	1.25
S434699		4.5	0.78	1.9	1.25	1	137.0	0.1	0.29	0.24	0.17	<0.05	1070	1	12.8	1.32
S434700		3.7	0.71	0.9	1.42	1	237	0.1	0.24	0.22	0.15	<0.05	1430	2	12.0	1.17
S437500																
S437501		5.3	1.04	8.1	1.70	1	159.0	0.1	0.36	0.48	0.20	0.08	1100	1	14.9	1.50
S437502		7.9	1.51	2.0	2.31	1	195.5	0.1	0.56	1.32	0.31	0.26	215	1	21.6	2.32
S437503		6.7	1.23	1.9	1.88	1	173.0	0.1	0.47	0.62	0.28	0.11	124	1	19.1	2.10
S437504		6.3	1.25	16.4	1.84	1	221	0.3	0.55	0.84	0.35	0.17	212	1	20.2	2.22
S437505		8.6	1.61	15.6	2.73	1	136.5	0.3	0.66	1.25	0.42	0.24	56	1	24.0	2.76
S437506		13.2	2.52	22.0	3.62	1	208	0.4	0.84	1.34	0.53	0.31	59	1	30.8	3.38
S437507		44.6	12.15	71.2	7.63	2	58.6	0.8	0.69	16.15	0.28	3.16	84	1	19.3	1.78
S437508		5.0	1.02	38.2	1.62	1	87.6	0.1	0.34	0.36	0.21	0.05	246	1	12.2	1.31
S437509		22.9	6.14	80.0	3.95	1	59.6	0.5	0.38	12.65	0.23	2.13	34	1	13.5	1.35
S437510		8.0	1.79	80.6	2.12	1	236	0.2	0.35	0.39	0.18	0.07	209	1	11.7	1.13
S437511		39.8	10.75	112.5	6.36	2	82.6	0.7	0.60	12.55	0.23	1.47	84	4	17.1	1.35
S437512		7.1	1.43	2.5	1.67	1	319	0.2	0.29	0.51	0.14	0.08	149	1	8.7	0.99
S437513		8.2	1.75	1.8	2.13	1	472	0.2	0.34	0.56	0.16	0.09	183	1	11.5	1.20
S437514		8.9	1.84	14.1	2.09	1	400	0.2	0.36	0.60	0.19	0.10	183	1	11.5	1.06
S437515		10.2	2.38	6.7	2.60	1	481	0.2	0.41	0.62	0.19	0.09	191	1	12.7	1.28
S437516		9.2	2.08	5.5	2.23	1	485	0.2	0.33	0.53	0.18	0.13	154	1	10.6	1.12
S437517		9.4	1.98	64.4	1.90	1	254	0.2	0.34	0.49	0.17	0.12	160	3	10.9	1.16

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 28- SEPT- 2017
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174193

Description échantillon	Méthode élément unités L.D.	ME- MS81 Zr ppm 2	ME- ICP06 SiO2 % 0.01	ME- ICP06 Al2O3 % 0.01	ME- ICP06 Fe2O3 % 0.01	ME- ICP06 CaO % 0.01	ME- ICP06 MgO % 0.01	ME- ICP06 Na2O % 0.01	ME- ICP06 K2O % 0.01	ME- ICP06 Cr2O3 % 0.01	ME- ICP06 TiO2 % 0.01	ME- ICP06 MnO % 0.01	ME- ICP06 P2O5 % 0.01	ME- ICP06 SrO % 0.01	ME- ICP06 BaO % 0.01	OA- GRA05 LOI % 0.01
S434679		34	48.0	10.05	12.05	9.48	13.45	2.32	0.34	0.16	0.57	0.20	0.05	0.01	<0.01	4.48
S434680		24	48.8	12.35	9.88	12.70	12.45	1.04	0.57	0.18	0.42	0.17	0.02	0.01	0.01	2.89
S434681		33	49.8	11.55	10.10	11.45	12.70	1.22	0.91	0.18	0.51	0.17	0.02	0.01	0.02	2.58
S434682		24	48.2	11.90	10.35	12.60	13.10	0.96	0.17	0.19	0.44	0.18	0.03	0.01	<0.01	2.84
S434683		21	45.1	15.35	10.05	12.50	10.90	1.04	0.29	0.09	0.38	0.19	0.03	0.02	0.01	3.06
S434684		27	48.3	15.65	10.80	12.15	8.16	1.89	0.60	0.01	0.53	0.16	0.03	0.01	0.01	2.41
S434685		23	49.1	15.70	10.20	11.50	7.90	1.61	0.61	0.01	0.44	0.16	0.03	0.01	0.01	2.30
S434686		21	48.9	15.20	10.35	11.50	7.76	1.51	0.41	0.01	0.46	0.17	0.03	0.01	0.01	2.46
S434687		32	49.1	15.30	10.80	11.55	7.83	1.66	0.36	0.01	0.49	0.17	0.04	0.02	0.01	2.48
S434688		33	49.8	15.25	10.80	11.95	7.85	1.60	0.16	0.01	0.47	0.17	0.02	0.01	<0.01	2.77
S434689		25	48.4	16.45	10.80	11.50	7.13	1.75	0.53	0.01	0.43	0.18	0.03	0.02	0.01	2.53
S434690		28	48.3	15.20	10.85	12.90	7.88	1.68	0.25	0.01	0.45	0.17	0.03	0.02	<0.01	3.12
S434691		34	44.3	13.40	19.00	11.05	5.76	1.59	0.11	<0.01	1.63	0.26	0.05	0.02	<0.01	2.66
S434692		46	47.6	13.40	17.15	9.62	4.83	2.51	0.29	<0.01	1.46	0.24	0.06	0.02	0.01	3.17
S434693		158	57.4	11.55	17.45	4.01	2.21	2.51	0.22	<0.01	1.14	0.23	0.51	0.01	0.02	3.64
S434694		210	64.5	11.55	11.30	4.34	1.45	3.41	0.20	<0.01	0.78	0.18	0.22	0.01	0.01	3.27
S434695		220	63.5	12.00	8.77	4.21	2.11	4.17	0.12	<0.01	0.91	0.17	0.26	0.01	<0.01	3.85
S434696		232	66.9	12.40	8.49	4.73	0.95	3.87	0.09	<0.01	0.51	0.14	0.20	0.02	0.01	2.60
S434697		201	66.1	11.85	8.99	4.40	1.61	3.87	0.08	0.01	0.79	0.14	0.22	0.01	<0.01	3.23
S434698		29	46.4	13.95	17.15	9.43	6.95	2.41	0.12	0.01	1.28	0.20	0.04	0.02	<0.01	2.74
S434699		29	45.2	13.50	17.40	9.32	6.77	2.24	0.11	<0.01	1.31	0.20	0.04	0.02	<0.01	2.68
S434700		28	42.9	12.85	19.90	11.70	6.57	1.02	0.07	<0.01	1.52	0.22	0.03	0.03	<0.01	3.53
S437500																
S437501		48	47.1	13.65	18.50	9.49	5.37	2.96	0.20	<0.01	1.54	0.22	0.05	0.02	0.01	2.51
S437502		88	49.6	14.10	15.80	6.62	3.38	3.51	0.08	<0.01	1.48	0.23	0.09	0.02	0.01	6.49
S437503		51	53.5	16.30	13.25	6.31	3.59	4.62	0.09	<0.01	1.11	0.21	0.09	0.02	0.01	2.85
S437504		72	47.2	13.95	18.30	7.03	3.21	2.93	0.36	<0.01	2.71	0.30	0.08	0.02	0.02	3.30
S437505		76	50.7	12.75	17.40	7.12	3.19	2.70	0.35	<0.01	2.00	0.27	0.12	0.02	0.02	2.89
S437506		99	49.7	11.95	19.20	8.31	2.80	1.07	0.40	<0.01	2.67	0.38	0.18	0.02	0.03	3.91
S437507		172	59.0	19.15	6.66	1.09	2.04	5.80	2.34	0.01	0.67	0.04	0.09	0.01	0.06	2.30
S437508		33	44.3	12.60	9.51	10.45	8.13	0.49	1.21	0.10	0.56	0.17	0.05	0.01	0.03	12.35
S437509		559	71.7	11.80	3.40	2.58	1.53	2.03	2.69	0.01	0.40	0.07	0.07	0.01	0.07	4.46
S437510		45	39.2	12.70	8.51	9.47	6.87	0.75	2.76	0.05	0.74	0.17	0.08	0.03	0.03	16.65
S437511		157	56.9	18.05	7.57	0.94	2.96	2.78	3.64	0.02	0.85	0.09	0.12	0.01	0.11	5.91
S437512		38	43.1	15.55	8.94	9.43	9.02	2.42	0.09	0.05	0.54	0.14	0.06	0.04	0.01	9.88
S437513		47	48.1	16.45	9.67	10.90	8.27	2.50	0.08	0.06	0.65	0.16	0.08	0.05	0.01	3.11
S437514		46	45.9	16.05	11.10	9.55	9.24	1.91	0.56	0.04	0.67	0.17	0.08	0.05	0.03	3.74
S437515		58	46.6	16.80	9.69	10.35	8.38	2.50	0.26	0.04	0.71	0.15	0.10	0.06	0.01	3.47
S437516		60	47.7	17.45	8.98	9.37	8.66	2.66	0.22	0.03	0.60	0.14	0.08	0.05	0.01	3.60
S437517		52	39.8	14.60	8.68	7.19	7.13	1.65	2.42	0.03	0.60	0.14	0.08	0.03	0.05	17.10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 28- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174193

Description échantillon	Méthode élément unités L.D.	TOT- ICP06 Total % 0.01
S434679		101.16
S434680		101.49
S434681		101.22
S434682		100.97
S434683		99.01
S434684		100.71
S434685		99.58
S434686		98.78
S434687		99.82
S434688		100.86
S434689		99.77
S434690		100.86
S434691		99.83
S434692		100.36
S434693		100.90
S434694		101.22
S434695		100.08
S434696		100.91
S434697		101.30
S434698		100.70
S434699		98.79
S434700		100.34
S437500		
S437501		101.62
S437502		101.41
S437503		101.95
S437504		99.41
S437505		99.53
S437506		100.62
S437507		99.26
S437508		99.96
S437509		100.82
S437510		98.01
S437511		99.95
S437512		99.27
S437513		100.09
S437514		99.09
S437515		99.12
S437516		99.55
S437517		99.50

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CERTIFICAT D'ANALYSE VO17174193

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	ME- MS81 Ba ppm 0.5	ME- MS81 Ce ppm 0.5	ME- MS81 Cr ppm 10	ME- MS81 Cs ppm 0.01	ME- MS81 Dy ppm 0.05	ME- MS81 Er ppm 0.03	ME- MS81 Eu ppm 0.03	ME- MS81 Ga ppm 0.1	ME- MS81 Gd ppm 0.05	ME- MS81 Hf ppm 0.2	ME- MS81 Ho ppm 0.01	ME- MS81 La ppm 0.5	ME- MS81 Lu ppm 0.01	ME- MS81 Nb ppm 0.2
S437518		0.32	32.5	5.2	40	0.16	1.88	1.30	0.44	18.4	1.57	0.8	0.42	2.3	0.17	1.6
S437519		0.75	208	4.0	1130	0.46	1.96	1.25	0.47	10.6	1.62	0.8	0.41	1.5	0.17	1.5
S437520		0.34	102.5	70.0	60	0.69	5.26	2.81	1.18	14.3	5.35	4.2	1.04	34.3	0.27	5.6
S437521		0.38	65.5	32.8	30	0.49	13.40	7.72	2.21	22.1	11.20	5.1	2.87	12.0	1.11	11.0
S437522		0.67	41.3	32.4	30	0.23	10.75	7.09	2.04	20.7	9.05	5.9	2.33	12.4	1.00	12.1
S437523		0.82	306	9.3	10	14.00	3.58	2.09	1.39	21.2	2.73	1.7	0.78	3.6	0.32	6.2
S437524		0.62	168.5	2.2	850	0.61	1.34	0.82	0.26	10.6	1.06	0.3	0.29	0.9	0.10	0.6
S437525		0.34	516	72.4	60	0.92	2.99	1.79	1.10	19.8	3.62	7.3	0.60	37.1	0.24	9.8
S437526		0.32	183.5	48.9	30	0.44	12.45	8.98	1.50	20.8	9.46	7.6	2.99	23.1	1.21	15.0
S437527		0.33	282	9.8	30	0.75	4.00	3.64	1.22	24.3	3.20	8.1	0.93	4.0	0.97	13.7
S437528		0.30	26.3	31.9	30	0.20	13.90	9.64	1.81	22.3	12.10	7.1	3.16	11.5	1.32	11.5
S437529		0.38	62.5	16.9	30	2.53	6.35	4.44	1.63	21.6	5.15	5.1	1.34	6.3	0.86	9.8
S437530		0.38	62.8	21.6	60	3.61	8.68	5.40	1.69	20.3	7.58	3.6	1.83	8.2	0.68	7.4
S437531		0.47	148.0	9.0	20	18.20	4.79	3.26	1.39	20.2	3.55	2.6	1.03	3.3	0.47	5.6
S437532		0.43	65.2	11.2	20	11.00	4.68	3.19	1.15	17.8	3.79	2.4	1.02	4.2	0.44	4.2
S437533		0.41	96.8	11.7	10	11.30	4.83	2.94	1.18	18.0	4.19	2.2	1.04	4.5	0.44	4.5
S437534		0.46	5.4	8.9	30	0.23	3.31	2.20	0.99	23.5	2.76	1.7	0.74	3.5	0.33	3.2
S437535		0.39	12.2	8.7	20	0.73	3.19	2.29	1.01	19.9	2.90	1.6	0.81	3.3	0.34	3.3
S437536		0.40	4.4	13.3	10	0.50	4.28	2.78	0.73	20.2	3.56	1.5	0.87	4.7	0.32	2.9
S437537		0.38	96.5	48.1	20	0.27	12.45	7.68	1.92	21.5	10.95	6.5	2.78	21.6	1.06	13.1
S437538		0.33	700	27.7	30	0.87	15.95	10.10	2.09	24.4	13.35	9.1	3.42	9.5	1.40	10.1
S437539		0.37	69.6	16.0	40	0.56	5.92	4.43	1.90	19.3	5.47	6.4	1.33	6.3	0.82	10.2
S437540		0.29	25.9	20.4	20	1.23	7.40	4.21	1.12	18.5	6.31	2.8	1.42	7.7	0.56	6.1
S437541		0.24	14.2	27.9	20	1.14	8.49	5.10	1.25	18.4	7.50	3.3	1.73	10.7	0.68	8.4
S437542		0.28	82.2	18.4	10	17.20	4.83	2.71	1.45	15.7	4.56	1.4	0.97	7.3	0.34	4.8
S437543		0.36	45.6	9.0	30	6.62	3.18	2.23	1.20	20.5	2.63	1.8	0.67	3.7	0.32	5.2
S437544		0.34	69.5	16.7	40	0.33	0.82	0.47	0.45	8.9	0.97	4.1	0.16	7.5	0.07	2.4
S437545		0.34	248	63.7	30	0.87	8.45	4.79	1.53	19.3	8.61	6.8	1.64	29.7	0.69	14.1
S437546		0.33	181.5	66.6	20	0.39	8.86	6.15	1.53	20.2	8.07	5.3	1.92	33.6	1.04	9.6
S437547		0.41	148.5	26.1	20	0.48	15.00	10.05	1.65	20.3	11.00	7.6	3.20	10.3	1.48	11.4
S437548		0.32	155.0	84.4	30	0.86	21.6	13.80	3.83	23.7	20.2	7.4	4.81	33.9	1.40	14.3
S437549		0.40	132.0	17.8	30	1.22	8.78	5.77	1.63	17.8	6.93	4.2	1.83	6.5	0.99	9.7
S437550		0.77	410	79.1	70	0.85	4.65	2.73	1.17	20.4	5.29	5.6	0.94	41.8	0.40	10.6
S437551		0.79	446	77.0	60	0.80	4.74	2.78	1.20	19.5	5.54	5.7	0.92	40.2	0.38	10.8
S437552		0.76	474	73.7	70	0.86	4.87	2.70	1.49	18.9	5.14	5.8	0.96	39.0	0.45	10.7
S437553		0.33	676	86.3	70	1.29	4.34	2.62	1.28	27.0	4.93	6.2	0.83	45.2	0.41	12.7
S437554		0.32	666	74.0	70	1.50	4.82	2.56	1.25	20.8	4.96	5.7	0.96	38.4	0.42	10.6
S437555		0.33	749	72.3	70	1.64	5.22	2.97	1.48	22.6	5.18	5.6	1.04	37.7	0.45	10.3
S437556		0.33	427	55.2	80	1.81	2.30	1.30	0.83	19.2	2.98	3.1	0.47	29.9	0.20	6.7
S437557		0.32	169.5	49.2	40	0.23	10.40	6.67	1.96	21.2	8.98	6.2	2.24	22.6	1.00	11.2

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Finalisée date: 28- SEPT- 2017
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CERTIFICAT D'ANALYSE VO17174193

Description échantillon	Méthode élément unités L.D.	ME- MS81 Nd ppm 0.1	ME- MS81 Pr ppm 0.03	ME- MS81 Rb ppm 0.2	ME- MS81 Sm ppm 0.03	ME- MS81 Sn ppm 1	ME- MS81 Sr ppm 0.1	ME- MS81 Ta ppm 0.1	ME- MS81 Tb ppm 0.01	ME- MS81 Th ppm 0.05	ME- MS81 Tm ppm 0.01	ME- MS81 U ppm 0.05	ME- MS81 V ppm 5	ME- MS81 W ppm 1	ME- MS81 Y ppm 0.5	ME- MS81 Yb ppm 0.03
S437518		3.9	0.72	2.6	1.20	1	168.0	0.1	0.30	0.25	0.17	0.08	1160	1	10.7	1.23
S437519		3.5	0.66	45.7	1.14	1	142.0	0.1	0.35	0.20	0.16	0.06	218	1	10.9	1.12
S437520		30.5	7.70	14.5	5.93	1	34.0	0.4	0.94	6.64	0.37	1.74	32	1	27.4	1.99
S437521		27.2	5.09	3.0	8.85	<1	141.5	0.7	2.06	1.86	1.13	0.43	7	1	72.4	7.25
S437522		24.2	4.80	3.3	7.40	1	112.0	0.8	1.66	3.78	1.05	0.83	6	1	59.1	6.75
S437523		7.4	1.39	67.1	2.36	1	227	0.4	0.57	0.77	0.32	0.17	24	1	19.9	2.22
S437524		1.9	0.33	37.5	0.77	<1	76.4	0.1	0.20	0.08	0.12	<0.05	176	<1	7.1	0.72
S437525		28.9	8.00	83.9	4.98	1	116.0	0.7	0.55	15.50	0.23	2.42	77	13	16.1	1.57
S437526		26.7	5.99	33.1	6.91	1	102.5	0.9	1.83	4.07	1.37	1.41	5	1	77.7	8.57
S437527		7.9	1.44	58.7	2.51	1	79.9	1.0	0.58	3.48	0.63	0.78	6	2	28.4	5.13
S437528		25.4	4.74	2.6	8.43	1	130.5	0.7	2.14	4.10	1.32	1.04	5	1	88.3	8.49
S437529		13.4	2.56	5.3	4.25	1	164.0	0.6	0.94	3.28	0.74	0.57	6	1	38.3	5.30
S437530		18.0	3.50	5.6	5.87	<1	143.0	0.5	1.38	1.84	0.75	0.39	26	1	45.8	4.55
S437531		8.4	1.50	30.4	2.79	1	208	0.4	0.74	0.71	0.46	0.15	30	<1	26.2	3.07
S437532		9.6	1.76	31.9	3.15	<1	97.3	0.3	0.75	0.76	0.43	0.23	230	<1	26.2	2.81
S437533		9.7	1.88	25.6	3.50	1	105.5	0.3	0.68	1.02	0.40	0.19	69	4	25.6	2.87
S437534		6.7	1.37	0.9	2.06	1	278	0.2	0.51	0.46	0.32	0.13	236	<1	19.5	2.12
S437535		6.7	1.31	3.3	2.45	1	132.5	0.2	0.55	0.42	0.32	0.11	500	1	19.5	2.21
S437536		10.0	2.05	1.9	2.76	2	50.8	0.2	0.67	0.41	0.38	0.10	643	1	22.0	2.25
S437537		30.7	6.47	13.1	9.32	1	106.5	0.8	1.88	2.87	1.12	0.75	7	1	65.5	6.93
S437538		26.0	4.67	49.9	9.34	1	84.6	0.7	2.42	3.43	1.45	1.10	5	20	92.2	8.71
S437539		12.5	2.29	6.3	3.80	1	134.0	0.7	0.90	1.84	0.73	0.58	<5	1	38.1	4.84
S437540		16.1	3.09	3.6	4.78	1	80.0	0.4	1.10	1.16	0.58	0.31	7	<1	36.9	3.59
S437541		20.6	4.15	2.8	6.12	1	77.1	0.5	1.37	1.89	0.70	0.38	5	1	45.8	4.51
S437542		13.6	2.66	33.0	3.87	1	106.5	0.3	0.72	0.57	0.38	0.13	<5	<1	24.7	2.20
S437543		6.5	1.27	14.6	1.90	1	163.0	0.3	0.48	0.57	0.32	0.12	45	<1	18.5	2.10
S437544		6.0	1.63	21.9	1.21	1	45.9	0.2	0.13	4.05	0.05	0.80	18	1	4.4	0.40
S437545		34.8	8.06	50.7	8.35	1	64.0	0.8	1.28	4.62	0.64	0.92	5	2	44.3	4.36
S437546		32.6	7.66	20.7	6.96	1	123.0	0.6	1.33	3.30	0.88	0.86	5	1	53.4	5.87
S437547		20.8	3.87	18.5	7.45	1	130.5	0.8	2.08	2.96	1.50	1.24	<5	<1	90.3	9.81
S437548		61.9	12.30	17.6	17.60	1	105.0	0.8	3.35	3.77	1.84	1.31	5	<1	125.0	10.35
S437549		16.1	2.82	26.3	5.08	1	104.5	0.5	1.33	1.67	0.85	0.48	<5	<1	49.5	5.95
S437550		35.3	9.28	58.7	6.12	1	163.0	0.8	0.82	13.25	0.42	2.49	82	1	25.8	2.67
S437551		34.1	8.92	76.1	6.38	1	147.0	0.7	0.76	13.05	0.40	2.48	81	2	25.2	2.49
S437552		32.7	8.55	61.3	5.94	1	172.5	0.8	0.85	13.25	0.41	2.42	78	2	26.2	2.66
S437553		37.5	10.00	111.0	6.49	1	116.5	0.8	0.75	14.35	0.38	2.77	92	3	23.7	2.34
S437554		32.9	8.64	90.6	6.45	1	113.0	0.7	0.80	12.60	0.43	2.50	83	2	26.0	2.58
S437555		33.1	8.54	97.2	6.26	1	99.4	0.7	0.84	12.30	0.45	2.58	90	3	28.2	2.86
S437556		23.2	6.18	75.3	3.94	1	56.3	0.5	0.43	10.55	0.20	2.01	82	2	13.2	1.21
S437557		29.5	6.57	11.8	7.60	1	67.5	0.8	1.68	5.44	0.89	1.23	38	2	62.0	5.97

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 28- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174193

Description échantillon	Méthode élément unités L.D.	ME- MS81 Zr ppm 2	ME- ICP06 SiO2 % 0.01	ME- ICP06 Al2O3 % 0.01	ME- ICP06 Fe2O3 % 0.01	ME- ICP06 CaO % 0.01	ME- ICP06 MgO % 0.01	ME- ICP06 Na2O % 0.01	ME- ICP06 K2O % 0.01	ME- ICP06 Cr2O3 % 0.01	ME- ICP06 TiO2 % 0.01	ME- ICP06 MnO % 0.01	ME- ICP06 P2O5 % 0.01	ME- ICP06 SrO % 0.01	ME- ICP06 BaO % 0.01	OA- GRA05 LOI % 0.01
S437518		27	44.1	14.80	18.00	8.97	5.75	2.17	0.15	0.01	1.36	0.22	0.03	0.02	<0.01	3.61
S437519		29	50.3	13.20	8.68	11.00	10.30	1.58	1.17	0.15	0.45	0.16	0.03	0.02	0.02	2.35
S437520		168	78.5	8.17	5.52	0.74	1.06	3.02	0.43	0.01	0.29	0.06	0.11	<0.01	0.01	1.36
S437521		198	57.3	10.85	16.20	5.91	0.95	2.39	0.11	<0.01	0.85	0.23	0.36	0.01	0.01	6.66
S437522		225	63.6	10.90	11.30	4.65	1.10	3.69	0.11	<0.01	0.68	0.17	0.18	0.01	<0.01	4.75
S437523		62	47.8	14.65	15.40	7.10	2.20	3.64	1.05	<0.01	2.34	0.23	0.10	0.03	0.03	3.95
S437524		13	48.8	12.85	7.67	12.45	10.90	1.58	0.95	0.11	0.30	0.16	0.02	0.01	0.02	3.41
S437525		310	69.0	14.35	4.61	0.99	1.17	4.22	2.39	0.01	0.55	0.06	0.06	0.01	0.06	4.08
S437526		293	69.3	10.85	9.30	0.79	0.34	3.99	1.03	<0.01	0.41	0.15	0.07	0.01	0.02	4.57
S437527		300	66.6	10.70	11.15	0.85	0.54	2.50	1.84	<0.01	0.41	0.18	0.08	0.01	0.03	5.70
S437528		275	67.0	10.45	13.80	2.53	0.42	2.50	0.08	<0.01	0.38	0.24	0.18	0.02	<0.01	3.02
S437529		197	64.1	11.30	12.85	3.45	0.20	3.51	0.12	<0.01	0.84	0.24	0.22	0.02	0.01	2.26
S437530		131	54.6	12.35	16.95	5.72	1.21	2.11	0.14	0.01	1.05	0.31	0.34	0.02	0.01	4.39
S437531		101	48.4	12.40	19.40	6.63	2.47	1.87	0.72	<0.01	2.12	0.33	0.12	0.02	0.02	4.07
S437532		85	50.5	11.45	17.60	6.44	2.84	2.04	0.59	<0.01	2.38	0.26	0.08	0.01	0.01	5.31
S437533		85	48.9	12.20	19.45	5.57	2.52	3.00	0.57	<0.01	2.23	0.28	0.10	0.01	0.01	3.94
S437534		57	50.4	13.95	13.70	13.30	2.08	0.80	0.03	0.01	1.75	0.19	0.07	0.03	<0.01	3.26
S437535		59	47.8	13.20	18.35	7.70	4.38	2.70	0.11	<0.01	2.03	0.23	0.07	0.01	<0.01	2.90
S437536		54	42.0	13.40	22.4	5.96	6.11	2.11	0.07	<0.01	2.17	0.35	0.06	0.01	<0.01	3.76
S437537		237	67.3	10.80	10.35	2.23	1.05	3.16	0.42	<0.01	0.50	0.13	0.09	0.01	0.01	4.32
S437538		341	64.8	11.05	10.45	2.17	0.17	3.15	1.52	0.01	0.37	0.24	0.09	0.01	0.08	6.46
S437539		235	67.9	10.90	10.85	3.58	0.15	3.68	0.15	0.01	0.58	0.20	0.11	0.01	0.01	1.95
S437540		101	62.0	10.55	15.10	2.34	2.01	2.16	0.11	<0.01	1.16	0.25	0.41	0.01	<0.01	3.48
S437541		119	54.2	10.20	18.65	4.87	2.06	0.99	0.06	<0.01	1.34	0.28	0.51	0.01	<0.01	5.01
S437542		51	43.3	11.05	25.5	5.92	2.37	1.53	0.96	<0.01	1.80	0.41	0.83	0.01	0.01	4.73
S437543		62	46.3	14.30	17.95	7.06	2.47	3.22	0.37	<0.01	3.47	0.24	0.09	0.02	0.01	3.76
S437544		169	78.7	7.74	5.37	0.20	0.88	2.89	0.67	0.01	0.13	0.15	0.02	<0.01	0.01	2.71
S437545		254	68.0	10.95	8.19	1.52	0.79	2.88	1.45	0.01	0.54	0.14	0.12	0.01	0.03	4.14
S437546		198	64.9	10.25	12.00	2.01	0.33	3.20	0.64	<0.01	0.34	0.16	0.08	0.01	0.02	4.91
S437547		276	64.3	10.00	13.75	2.36	0.15	3.30	0.56	<0.01	0.37	0.30	0.10	0.02	0.02	5.21
S437548		279	64.8	9.82	15.45	2.16	0.57	2.04	0.43	0.01	0.45	0.23	0.11	0.01	0.02	3.50
S437549		145	60.4	10.05	15.85	4.47	0.25	1.75	0.70	0.01	0.82	0.28	0.22	0.01	0.02	4.85
S437550		217	65.0	16.40	4.62	1.94	1.88	5.14	1.59	0.01	0.59	0.09	0.08	0.02	0.05	2.13
S437551		219	65.1	16.25	4.58	2.42	1.78	3.87	2.42	0.01	0.59	0.10	0.08	0.02	0.05	3.40
S437552		224	65.6	16.45	4.84	2.12	1.58	5.15	1.82	0.01	0.60	0.09	0.08	0.02	0.06	2.72
S437553		240	59.5	18.45	6.78	0.77	2.02	4.02	3.59	0.01	0.64	0.10	0.08	0.01	0.08	4.84
S437554		216	63.6	15.55	6.30	1.02	1.92	3.27	3.00	0.01	0.56	0.10	0.08	0.01	0.08	6.42
S437555		210	66.2	15.60	6.21	1.01	1.91	3.29	3.02	0.01	0.57	0.10	0.08	0.01	0.08	3.46
S437556		122	63.6	15.00	6.77	0.58	1.92	3.05	3.10	0.01	0.53	0.10	0.07	0.01	0.08	3.82
S437557		232	65.5	15.95	7.26	0.73	2.21	3.00	2.67	0.01	0.49	0.09	0.06	0.01	0.06	3.95

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CERTIFICAT D'ANALYSE VO17174193

Description échantillon	Méthode élément unités L.D.	TOT- ICP06 Total % 0.01
S437518		99.19
S437519		99.41
S437520		99.28
S437521		101.83
S437522		101.14
S437523		98.52
S437524		99.23
S437525		101.56
S437526		100.83
S437527		100.59
S437528		100.62
S437529		99.12
S437530		99.21
S437531		98.57
S437532		99.51
S437533		98.78
S437534		99.57
S437535		99.48
S437536		98.40
S437537		100.37
S437538		100.57
S437539		100.08
S437540		99.58
S437541		98.18
S437542		98.42
S437543		99.26
S437544		99.48
S437545		98.77
S437546		98.85
S437547		100.44
S437548		99.60
S437549		99.68
S437550		99.54
S437551		100.67
S437552		101.14
S437553		100.89
S437554		101.92
S437555		101.55
S437556		98.64
S437557		101.99

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	ME- MS81 Ba ppm 0.5	ME- MS81 Ce ppm 0.5	ME- MS81 Cr ppm 10	ME- MS81 Cs ppm 0.01	ME- MS81 Dy ppm 0.05	ME- MS81 Er ppm 0.03	ME- MS81 Eu ppm 0.03	ME- MS81 Ga ppm 0.1	ME- MS81 Gd ppm 0.05	ME- MS81 Hf ppm 0.2	ME- MS81 Ho ppm 0.01	ME- MS81 La ppm 0.5	ME- MS81 Lu ppm 0.01	ME- MS81 Nb ppm 0.2
S437558		0.35	41.8	7.8	180	0.49	3.24	2.00	0.61	14.8	2.62	1.4	0.70	2.9	0.28	2.9
S437559		0.35	130.0	6.4	200	0.52	3.04	1.86	0.74	15.2	2.47	1.4	0.65	2.4	0.28	2.4
S437560		0.33	151.5	5.7	200	0.58	2.88	1.73	0.54	14.5	2.46	1.1	0.52	2.1	0.24	2.1
S437561		0.35	126.0	5.6	220	0.57	2.73	1.83	0.57	14.4	2.30	1.2	0.59	2.0	0.27	2.1
S437562		0.32	117.0	8.2	210	0.74	3.61	2.15	0.71	15.6	2.91	1.6	0.73	3.1	0.31	2.8
S437563		0.38	613	79.0	70	1.07	4.74	2.67	1.14	24.2	5.42	5.6	0.93	42.2	0.40	10.8
S437564		0.35	6.2	6.4	190	0.13	2.68	1.77	0.67	14.8	2.30	1.3	0.60	2.3	0.23	2.1
S437565		0.29	3.5	5.9	170	0.14	2.87	1.79	0.64	15.5	2.38	1.3	0.59	2.1	0.27	2.1
S437566		0.33	2.1	6.4	200	0.19	2.85	1.85	0.68	14.8	2.57	1.2	0.61	2.3	0.24	2.2
S437567		0.33	3.2	5.8	180	0.18	2.73	1.77	0.63	14.7	2.16	1.3	0.58	2.1	0.24	2.2
S437568		0.32	2.8	5.9	180	0.15	2.59	1.71	0.63	13.8	2.29	1.1	0.57	2.2	0.24	2.1
S437569		0.31	3.0	6.0	190	0.26	3.00	1.77	0.57	16.3	2.51	1.2	0.57	2.2	0.26	2.3
S437570		0.35	108.0	15.0	140	0.53	3.56	2.08	0.89	16.5	2.96	2.9	0.67	6.9	0.26	15.6
S437571		0.32	3.9	8.2	190	0.26	3.19	1.97	0.73	15.1	2.65	1.4	0.68	3.3	0.30	2.6

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Description échantillon	Méthode élément unités L.D.	ME- MS81 Nd ppm 0.1	ME- MS81 Pr ppm 0.03	ME- MS81 Rb ppm 0.2	ME- MS81 Sm ppm 0.03	ME- MS81 Sn ppm 1	ME- MS81 Sr ppm 0.1	ME- MS81 Ta ppm 0.1	ME- MS81 Tb ppm 0.01	ME- MS81 Th ppm 0.05	ME- MS81 Tm ppm 0.01	ME- MS81 U ppm 0.05	ME- MS81 V ppm 5	ME- MS81 W ppm 1	ME- MS81 Y ppm 0.5	ME- MS81 Yb ppm 0.03
S437558		6.6	1.17	3.5	1.91	1	61.2	0.2	0.50	0.19	0.30	0.07	299	2	17.8	1.89
S437559		6.0	1.00	13.4	1.88	1	66.1	0.1	0.47	0.17	0.28	0.05	289	1	16.7	1.83
S437560		4.9	0.87	20.0	1.56	1	58.3	0.1	0.40	0.14	0.24	<0.05	269	1	15.3	1.61
S437561		4.9	0.82	18.2	1.85	1	61.7	0.1	0.40	0.21	0.28	0.05	277	1	15.9	1.62
S437562		6.7	1.26	17.4	2.17	1	72.7	0.2	0.52	0.23	0.31	0.06	331	1	19.4	2.04
S437563		35.1	9.28	105.0	6.11	1	65.5	0.8	0.80	13.50	0.38	2.64	84	3	25.7	2.62
S437564		5.5	0.97	0.5	1.87	1	67.3	0.1	0.41	0.15	0.24	0.05	281	1	15.8	1.55
S437565		5.0	0.92	0.5	1.68	<1	80.5	0.1	0.44	0.15	0.27	<0.05	302	1	15.4	1.62
S437566		5.7	0.99	0.5	1.81	1	97.3	0.1	0.45	0.15	0.29	<0.05	288	1	16.3	1.61
S437567		5.1	0.94	0.5	1.77	1	80.0	0.1	0.42	0.14	0.25	<0.05	277	1	15.1	1.63
S437568		5.1	0.96	0.3	1.72	1	67.9	0.1	0.42	0.16	0.24	0.18	258	1	15.3	1.62
S437569		5.1	0.93	0.5	1.88	<1	88.1	0.2	0.43	0.15	0.24	0.05	304	1	15.6	1.64
S437570		10.5	2.13	15.7	2.73	28	46.8	0.8	0.58	2.03	0.28	3.15	251	1	18.6	1.85
S437571		6.7	1.25	0.7	1.99	1	72.1	0.2	0.46	0.20	0.31	0.09	305	1	17.4	1.73

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S437558		50	67.0	12.60	10.90	0.72	1.67	4.38	0.46	0.01	0.49	0.15	0.07	0.01	0.02	2.78
S437559		48	43.2	13.70	11.35	10.80	7.55	1.30	0.64	0.03	0.84	0.18	0.07	0.01	0.02	11.30
S437560		42	43.3	13.30	10.85	10.15	7.24	1.26	0.62	0.03	0.83	0.17	0.07	0.01	0.01	11.35
S437561		44	42.4	13.30	10.80	10.05	7.44	0.75	1.06	0.03	0.78	0.17	0.06	<0.01	0.02	11.15
S437562		55	45.0	13.05	12.65	9.43	6.95	1.39	0.68	0.03	0.96	0.16	0.07	0.01	0.01	11.00
S437563		218	44.9	12.60	11.80	8.78	6.62	1.35	0.70	0.03	0.94	0.16	0.08	0.01	0.01	8.94
S437564		45	43.6	14.05	10.40	9.62	7.12	2.43	0.07	0.03	0.82	0.17	0.06	0.01	<0.01	10.60
S437565		44	42.6	14.25	11.50	10.70	7.28	2.22	0.03	0.02	0.85	0.17	0.06	0.01	<0.01	10.35
S437566		44	43.6	13.30	11.60	10.30	7.28	1.30	0.02	0.03	0.82	0.18	0.07	0.01	<0.01	9.72
S437567		43	42.8	13.55	11.40	10.25	7.49	1.82	0.02	0.03	0.80	0.18	0.05	0.01	<0.01	9.95
S437568		42	43.8	13.25	10.85	9.65	7.53	2.05	0.02	0.03	0.76	0.16	0.06	0.01	<0.01	9.91
S437569		45	39.5	15.10	13.05	8.58	9.14	1.27	0.06	0.03	0.80	0.19	0.05	0.01	<0.01	9.25
S437570		112	47.2	14.10	10.95	6.11	7.28	3.66	0.60	0.02	1.16	0.11	0.12	0.01	0.01	5.25
S437571		50	44.2	12.75	11.50	9.82	7.06	1.87	0.05	0.03	0.90	0.18	0.07	0.01	<0.01	9.32

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 28- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174193

Description échantillon	Méthode élément unités L.D.	TOT- ICP06 Total % 0.01
S437558		101.26
S437559		100.99
S437560		99.19
S437561		98.01
S437562		101.39
S437563		96.92
S437564		98.98
S437565		100.04
S437566		98.23
S437567		98.35
S437568		98.08
S437569		97.03
S437570		96.58
S437571		97.76

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Finalisée date: 28- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17174193

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	ME- ICP06	ME- MS81	OA- GRA05	TOT- ICP06

Traité à ALS Tucson, Arizona, USA

Applique à la Méthode:	CRU- 32	CRU- QC	LOG- 22	PUL- 32
	PUL- QC	SPL- 21	WEI- 21	

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Finalisée date: 20- SEPT- 2017
Compte: MIDEXP

CERTIFICAT VO17190505

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 5 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6- SEPT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 20- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17190505

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
V704132		3.26	<0.005	<0.5	8.17	21	630	3.0	<2	0.62	<0.5	11	70	36	4.63	20
V704133		2.17	<0.005	<0.5	7.96	32	600	3.4	<2	0.56	<0.5	11	70	17	4.59	20
V704134		1.89	<0.005	<0.5	6.43	22	390	2.8	<2	1.15	<0.5	6	59	6	3.83	20
V704135		3.26	<0.005	<0.5	7.45	27	490	2.8	<2	0.46	<0.5	8	66	2	4.09	20
V704136		2.93	<0.005	<0.5	7.87	13	600	2.3	<2	0.44	<0.5	9	69	30	4.43	20

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Finalisée date: 20- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17190505

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
V704132		3.41	30	1.15	1130	1	1.49	27	270	4	0.04	<5	11	54	<20	0.21
V704133		3.14	30	1.05	1195	2	1.54	26	270	5	0.03	<5	11	57	<20	0.19
V704134		1.96	20	0.88	1265	1	1.84	18	200	4	0.02	<5	12	64	<20	0.14
V704135		2.47	30	0.91	971	1	1.85	21	250	7	0.01	<5	11	57	<20	0.17
V704136		2.66	30	1.14	799	2	1.77	20	270	5	0.08	<5	11	50	<20	0.20

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Finalisée date: 20- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17190505

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
V704132		<10	<10	86	<10	36
V704133		<10	<10	85	10	35
V704134		10	<10	69	<10	42
V704135		10	<10	80	<10	39
V704136		10	<10	85	<10	52

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Finalisée date: 20- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17190505

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au- AA23	ME- ICP61

Traité à ALS Tucson, Arizona, USA

Applique à la Méthode:	BAG- 01	CRU- 32	CRU- QC	LOG- 22
	PUL- 32	SPL- 21	WEI- 21	

2017 – Prospection : Midland

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À: EXPLORATION MIDLAND INC
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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

CERTIFICAT SD17132765

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 64 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- JUIN- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE SYLVAIN TRÉPANIER	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
OA- HSUL10	Manipulation des échantillons de sulfure

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
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ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132765

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S408026		0.65	0.487		<0.5	4.57	<5	10	<0.5	2	2.98	<0.5	42	40	64	10.50
S408027		0.81	<0.005		<0.5	0.67	<5	20	<0.5	<2	0.24	<0.5	3	98	6	1.07
S408028		0.87	0.032		2.9	1.71	6	<10	<0.5	<2	1.52	5.3	23	86	3810	3.06
S408029		0.48	<0.005		<0.5	0.23	216	20	<0.5	<2	1.54	<0.5	2	85	169	2.42
S408030		0.71	<0.005		<0.5	3.73	5	20	<0.5	<2	9.45	<0.5	35	433	35	4.60
S408031		0.70	<0.005		<0.5	8.77	5	20	<0.5	<2	1.73	<0.5	28	4	2	22.9
S408032		0.58	0.005		<0.5	9.24	53	20	0.6	<2	1.09	<0.5	47	9	27	13.45
S408033		0.69	<0.005		<0.5	6.88	29	30	4.5	<2	5.64	<0.5	45	35	12	9.47
S408034		0.52	0.050		<0.5	3.25	9930	80	<0.5	<2	9.36	1.1	16	80	15	7.30
S408035		0.59	0.006		<0.5	6.93	213	180	0.7	3	7.77	<0.5	43	114	96	8.85
S408036		0.67	0.017		<0.5	3.34	6	80	<0.5	<2	1.27	<0.5	255	116	1080	25.3
S408037		0.75	<0.005		<0.5	2.38	<5	60	<0.5	<2	0.91	<0.5	6	129	18	1.75
S408038		0.79	0.007		<0.5	6.01	<5	10	<0.5	<2	9.64	0.7	36	107	397	8.10
S408039		0.83	<0.005		<0.5	7.41	<5	20	<0.5	2	6.35	0.7	41	105	95	9.87
S408040		0.11	3.94	4.12	1.0	7.12	31	610	0.8	2	2.56	1.0	19	66	149	5.34
S408041		0.51	<0.005		<0.5	0.11	<5	<10	<0.5	2	14.45	<0.5	2	47	10	0.94
S408051		0.63	<0.005		<0.5	6.16	13	100	0.9	<2	1.43	<0.5	15	31	24	4.19
S408052		0.78	<0.005		<0.5	6.18	279	130	1.0	<2	0.54	<0.5	8	27	152	8.06
S408053		0.84	<0.005		<0.5	7.96	40	70	<0.5	<2	2.17	0.5	42	201	189	9.84
S408054		0.59	0.032		<0.5	6.68	<5	10	<0.5	2	2.10	<0.5	20	33	82	8.53
S408055		0.44	0.008		<0.5	9.39	<5	390	2.3	2	3.06	<0.5	9	42	83	3.67
S408056		0.60	0.015		<0.5	0.52	5	10	<0.5	<2	1.30	<0.5	8	93	101	3.61
S408057		0.52	<0.005		<0.5	7.46	<5	130	0.6	<2	5.72	0.5	35	14	175	10.35
S408058		0.61	0.179		0.7	0.28	215	10	<0.5	<2	0.27	<0.5	33	56	572	5.49
S408059		0.52	0.005		<0.5	7.25	<5	20	0.9	7	7.78	0.8	56	38	110	13.70
S408060		0.11	4.31	4.02	0.8	6.95	33	600	0.8	<2	2.45	0.8	17	63	144	5.15
S408061		0.76	0.005		<0.5	7.44	<5	80	0.7	<2	4.87	<0.5	14	27	60	8.25
S408062		0.46	<0.005		<0.5	9.36	<5	560	1.9	4	0.54	<0.5	7	155	82	11.35
S408063		0.50	<0.005		<0.5	8.53	<5	60	0.8	<2	4.19	<0.5	31	54	127	9.41
S408064		0.55	0.005		<0.5	8.05	<5	100	0.9	<2	2.39	<0.5	22	74	96	7.00
S408065		0.81	<0.005		<0.5	2.95	13	40	0.9	<2	0.39	<0.5	33	80	97	9.16
S408066		0.57	0.007		<0.5	6.44	<5	180	0.5	2	4.53	<0.5	14	25	24	3.85
S408067		0.53	0.008		<0.5	5.52	13	80	<0.5	2	3.64	0.5	38	19	27	11.20
S408068		0.52	<0.005		<0.5	4.16	<5	80	0.8	<2	0.43	<0.5	4	36	3	2.01
S408069		0.43	0.019		<0.5	5.78	41	280	1.2	<2	1.30	<0.5	3	36	24	3.42
S408070		0.63	<0.005		<0.5	8.46	<5	60	0.5	3	6.31	0.5	46	28	17	10.75
S408071		0.55	<0.005		<0.5	3.55	<5	70	1.9	<2	2.88	<0.5	14	40	25	3.65
S408072		0.53	0.005		<0.5	8.57	<5	50	<0.5	<2	7.23	<0.5	27	15	19	6.81
S408073		0.41	0.005		<0.5	9.30	18	50	0.7	<2	3.01	<0.5	51	5	20	13.85
S408074		0.47	<0.005		<0.5	7.68	20	70	0.5	<2	4.99	<0.5	53	34	107	10.75

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132765

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S408026		20	0.02	<10	1.78	1385	3	0.96	3	410	<2	0.55	<5	30	20	<20
S408027		<10	0.09	<10	0.07	163	6	0.38	3	50	51	0.08	<5	1	62	<20
S408028		10	0.01	<10	0.84	487	4	0.11	21	70	<2	0.49	<5	16	28	<20
S408029		<10	0.06	<10	0.41	1160	4	0.01	11	10	<2	0.19	<5	5	23	<20
S408030		10	0.05	<10	7.74	1255	1	0.77	145	50	4	0.09	<5	20	49	<20
S408031		50	0.08	<10	3.87	3530	<1	0.64	12	270	<2	0.11	<5	35	20	<20
S408032		30	0.09	<10	2.65	1995	<1	3.48	52	240	3	0.16	<5	39	16	<20
S408033		20	0.26	<10	2.48	1720	<1	0.85	44	220	2	0.07	6	35	103	<20
S408034		10	0.67	<10	2.73	2000	1	1.31	41	470	3	0.76	<5	33	178	<20
S408035		20	1.39	<10	3.50	1395	<1	2.14	88	350	5	0.74	<5	40	171	<20
S408036		10	0.94	<10	1.31	327	21	0.39	403	120	10	>10.0	<5	8	20	<20
S408037		<10	0.18	<10	0.16	219	9	1.65	11	490	2	0.55	<5	1	152	<20
S408038		20	0.01	10	2.27	1470	3	0.62	67	530	<2	0.25	<5	38	82	<20
S408039		20	0.08	10	3.18	1560	<1	1.96	67	540	<2	0.13	<5	43	78	<20
S408040		20	1.13	10	1.56	891	7	2.26	43	790	47	0.18	7	16	279	<20
S408041		<10	<0.01	<10	0.17	893	3	0.02	2	20	<2	0.08	<5	3	41	<20
S408051		20	0.26	10	0.27	864	1	3.86	<1	370	<2	0.24	<5	16	54	<20
S408052		20	0.46	10	0.45	1000	1	3.48	<1	710	4	1.26	<5	24	60	<20
S408053		20	0.21	<10	4.54	1375	<1	2.19	93	450	11	0.66	<5	43	22	<20
S408054		10	0.04	<10	3.94	1080	<1	0.66	22	100	4	0.62	<5	13	44	<20
S408055		20	0.96	40	0.97	204	2	4.00	10	780	12	0.61	<5	6	376	<20
S408056		<10	0.05	10	0.34	780	4	0.07	9	2730	<2	0.55	<5	2	17	<20
S408057		20	0.25	<10	3.90	1560	<1	1.78	19	510	7	0.45	<5	36	188	<20
S408058		<10	0.02	<10	0.09	437	12	0.03	41	400	<2	2.69	<5	<1	5	<20
S408059		20	0.03	<10	2.41	2450	1	0.12	37	800	<2	0.86	<5	35	220	<20
S408060		20	1.09	10	1.50	867	7	2.18	41	760	44	0.18	6	16	269	<20
S408061		20	0.37	20	1.01	1200	1	1.78	7	2210	7	0.77	<5	26	402	<20
S408062		30	2.44	10	1.95	1650	3	2.35	12	230	3	0.62	<5	14	61	<20
S408063		30	0.19	10	1.37	1770	1	2.53	29	360	6	1.06	<5	15	327	<20
S408064		20	0.40	20	1.28	1225	<1	3.98	35	780	3	0.91	<5	23	123	<20
S408065		20	0.11	<10	1.72	1825	2	0.03	17	30	<2	0.51	<5	52	4	<20
S408066		20	0.40	<10	0.96	1135	1	3.77	14	80	<2	0.04	<5	16	67	<20
S408067		20	0.15	10	2.04	2020	1	0.97	6	460	3	0.11	<5	37	64	<20
S408068		10	0.28	10	0.18	542	1	2.73	2	370	2	0.03	<5	9	30	<20
S408069		20	0.77	10	0.25	620	2	3.05	<1	280	3	0.12	<5	12	53	<20
S408070		20	0.39	10	3.37	2090	<1	2.00	32	350	<2	0.11	<5	36	116	<20
S408071		10	0.21	<10	1.08	1850	2	0.25	18	70	3	0.03	<5	7	33	<20
S408072		20	0.30	<10	3.65	1400	<1	2.04	42	240	5	0.03	<5	41	128	<20
S408073		30	0.30	<10	2.52	2180	<1	2.56	4	390	<2	0.11	<5	45	118	<20
S408074		20	0.51	<10	3.05	1580	<1	2.43	69	210	2	0.30	<5	37	108	<20

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À: EXPLORATION MIDLAND INC
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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132765

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
S408026		0.90	<10	<10	407	<10	87	99.3	93.5
S408027		0.01	<10	<10	4	<10	73		95.0
S408028		0.16	<10	<10	86	<10	84		
S408029		0.01	<10	<10	9	<10	15		
S408030		0.08	<10	<10	116	<10	85		
S408031		0.40	<10	<10	558	<10	189		
S408032		1.07	<10	<10	878	<10	115		
S408033		0.81	<10	<10	582	<10	70		
S408034		0.18	<10	<10	144	<10	70		
S408035		0.34	<10	<10	322	<10	68		
S408036		0.19	<10	10	115	<10	55		
S408037		0.02	<10	<10	6	<10	10		
S408038		0.81	<10	<10	368	<10	103		
S408039		0.95	<10	<10	448	<10	108		
S408040		0.38	<10	<10	147	40	294		
S408041		0.01	<10	<10	9	<10	4		
S408051		0.33	<10	<10	2	<10	43		
S408052		0.43	<10	<10	1	<10	62		
S408053		0.74	<10	<10	357	<10	181		
S408054		0.35	<10	<10	69	<10	60		
S408055		0.28	<10	<10	51	<10	35		
S408056		0.04	<10	<10	26	<10	21		
S408057		0.58	<10	<10	316	<10	81		
S408058		0.01	<10	<10	21	<10	8		
S408059		2.89	<10	<10	436	<10	93		
S408060		0.37	<10	<10	142	40	283		
S408061		0.69	<10	<10	54	<10	48		
S408062		0.45	<10	<10	189	<10	95		
S408063		0.69	<10	<10	119	<10	51		
S408064		0.60	<10	<10	129	<10	36		
S408065		0.21	<10	<10	79	<10	42		
S408066		0.28	<10	<10	144	<10	27		
S408067		1.11	<10	<10	498	<10	122		
S408068		0.19	<10	<10	10	<10	15		
S408069		0.24	<10	<10	2	<10	35		
S408070		0.81	<10	<10	880	<10	109		
S408071		0.04	<10	<10	136	<10	68		
S408072		0.39	<10	<10	232	<10	129		
S408073		1.36	<10	<10	552	<10	111		
S408074		0.68	<10	<10	602	<10	80	99.7	97.3

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Finalisée date: 31- JUIL- 2017
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132765

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S408075		0.69	<0.005		<0.5	2.49	<5	10	<0.5	<2	10.35	0.6	5	39	7	4.04
S408076		0.48	<0.005		<0.5	7.94	6	20	<0.5	<2	4.25	<0.5	34	42	3	6.20
S408077		0.90	0.034		<0.5	6.76	<5	<10	<0.5	<2	4.93	0.5	60	79	486	11.65
S408078		0.62	0.098		<0.5	6.32	<5	<10	<0.5	<2	4.34	0.6	62	20	461	11.35
S408079		0.48	<0.005		<0.5	0.19	<5	<10	<0.5	<2	0.26	<0.5	2	73	34	0.89
S408080		0.52	<0.005		<0.5	7.39	<5	1250	1.1	<2	2.52	<0.5	20	99	45	5.28
S408081		0.57	<0.005		<0.5	0.15	<5	10	<0.5	<2	0.07	<0.5	2	113	213	0.92
S408082		0.54	<0.005		<0.5	7.53	<5	60	<0.5	<2	1.61	<0.5	50	211	68	12.95
S408135		0.70	0.008		0.5	3.44	8	280	1.2	<2	0.14	1.3	4	92	305	1.74
S408136		0.40	0.007		<0.5	5.67	<5	90	0.9	<2	7.39	<0.5	21	43	78	5.72
S408137		1.02	<0.005		<0.5	6.71	<5	160	0.6	4	4.59	0.6	64	27	115	16.40
S408138		0.66	0.013		<0.5	6.00	<5	10	<0.5	<2	1.43	1.0	33	70	51	12.80
S408139		1.05	<0.005		<0.5	5.27	<5	120	1.1	<2	3.80	<0.5	3	20	1	5.58
S408140		0.44	<0.005		<0.5	7.56	<5	1070	1.4	<2	2.98	<0.5	22	103	41	5.48
S408141		1.09	<0.005		<0.5	9.37	15	30	<0.5	<2	4.90	0.6	54	52	59	9.19
S408142		0.81	0.007		<0.5	8.35	<5	40	<0.5	<2	5.91	1.0	60	30	455	11.25
S408143		0.70	0.006		<0.5	8.03	<5	1040	2.3	2	0.18	<0.5	3	90	35	4.05
S408144		1.00	0.005		<0.5	2.38	11	30	<0.5	<2	3.27	<0.5	28	871	53	3.94
S408145		0.83	<0.005		<0.5	7.84	<5	20	<0.5	2	8.30	0.7	28	331	95	6.59
S408146		0.84	<0.005		<0.5	5.05	11	190	<0.5	<2	4.04	<0.5	20	255	92	3.19
S408147		0.77	0.131		<0.5	2.47	8	30	<0.5	<2	2.74	<0.5	18	181	813	2.22
S408148		0.79	0.008		<0.5	0.78	<5	10	<0.5	<2	18.60	<0.5	4	63	231	0.59
S408149		0.77	<0.005		<0.5	7.77	<5	20	<0.5	<2	5.45	0.5	45	145	39	9.41
S408150		0.73	0.048		<0.5	0.40	<5	10	<0.5	<2	4.60	<0.5	3	45	24	0.98

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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17132765

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S408075		10	0.02	<10	0.87	862	2	0.06	9	10	<2	<0.01	9	2	92	<20
S408076		10	0.05	<10	3.71	965	1	3.18	66	320	<2	<0.01	<5	41	26	<20
S408077		20	0.01	10	3.39	1170	1	0.03	78	660	<2	1.55	<5	48	77	<20
S408078		20	0.01	10	3.27	1100	<1	0.02	51	920	2	1.54	<5	47	62	<20
S408079		<10	<0.01	<10	0.08	113	5	0.06	9	20	<2	0.04	<5	1	2	<20
S408080		20	1.76	20	1.64	638	2	2.22	50	990	15	0.10	<5	18	547	<20
S408081		<10	0.02	<10	0.08	91	8	0.02	6	30	<2	0.03	<5	<1	2	<20
S408082		20	0.24	<10	4.99	1810	<1	1.36	95	630	<2	0.07	<5	29	22	<20
S408135		10	1.31	20	0.41	215	9	0.55	21	300	56	0.08	<5	5	82	<20
S408136		10	0.24	<10	1.79	1050	3	0.28	24	210	3	0.32	<5	29	130	<20
S408137		20	0.82	<10	1.44	2950	<1	0.44	8	380	2	0.57	6	30	220	<20
S408138		20	0.01	30	2.39	20500	2	0.01	99	3140	63	0.02	<5	7	73	<20
S408139		20	0.12	20	0.44	1430	1	1.33	1	610	5	<0.01	<5	20	147	<20
S408140		20	1.65	30	1.99	589	1	2.34	55	1020	14	0.09	6	15	541	<20
S408141		20	0.07	<10	2.88	1400	<1	2.63	44	200	4	0.11	5	25	99	<20
S408142		30	0.12	<10	4.15	1730	<1	1.17	42	290	2	0.88	7	29	77	<20
S408143		20	4.39	20	0.86	212	1	0.78	8	240	5	0.23	5	10	38	<20
S408144		10	0.16	<10	4.55	736	2	0.05	139	50	<2	0.01	<5	25	10	<20
S408145		20	0.03	<10	4.78	1210	<1	0.10	92	50	<2	0.09	5	30	63	<20
S408146		10	1.17	<10	2.94	638	<1	0.06	91	70	<2	0.01	<5	17	43	<20
S408147		<10	0.12	<10	1.61	415	3	0.13	93	40	<2	0.08	<5	10	26	<20
S408148		<10	0.08	<10	0.42	831	1	0.01	25	20	<2	0.01	<5	6	47	<20
S408149		20	0.07	<10	4.30	1410	<1	2.45	96	430	<2	0.02	<5	49	66	<20
S408150		<10	0.01	<10	0.04	337	4	0.03	2	20	2	0.12	<5	<1	52	<20

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CERTIFICAT D'ANALYSE SD17132765

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
S408075		0.02	<10	<10	218	<10	33		
S408076		0.66	<10	<10	280	<10	66		
S408077		1.17	<10	<10	541	<10	80		
S408078		1.34	<10	<10	507	<10	76		
S408079		0.02	<10	<10	10	<10	5		
S408080		0.46	<10	<10	129	<10	101		
S408081		0.01	<10	<10	5	<10	5		
S408082		0.88	<10	<10	434	<10	165		
S408135		0.10	<10	<10	73	<10	228		
S408136		0.39	<10	<10	259	<10	34		
S408137		1.15	<10	<10	14	<10	106		
S408138		0.20	<10	<10	68	<10	94		
S408139		0.34	<10	<10	1	<10	24		
S408140		0.56	<10	<10	154	<10	114		
S408141		0.53	<10	<10	486	<10	78		
S408142		0.54	<10	<10	422	<10	206		
S408143		0.29	<10	<10	103	<10	42		
S408144		0.12	10	<10	121	<10	56		
S408145		0.27	<10	<10	176	<10	60		
S408146		0.12	<10	<10	95	60	38		
S408147		0.06	<10	<10	46	<10	33		
S408148		0.02	<10	<10	16	220	9		
S408149		0.78	<10	<10	406	<10	114		
S408150		0.01	<10	<10	9	<10	4		

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CERTIFICAT D'ANALYSE SD17132765

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	OA- HSUL10	PUL- 32	PUL- QC	SPL- 21
	WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

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À: EXPLORATION MIDLAND INC
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Finalisée date:
10- AOUT- 2017
Compte: MIDEXP

CERTIFICAT SD17148317

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 56 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- JUIL- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE SYLVAIN TRÉPANIER	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: MARIO MASSON
210, 9E RUE
BUREAU 107
ROUYN- NORANDA QC J9X 2C2

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE SD17148317

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S408235		0.56	<0.005		<0.5	3.88	<5	60	0.6	<2	0.54	<0.5	3	32	1	2.40
S408236		0.57	<0.005		<0.5	6.36	<5	90	0.5	7	6.22	<0.5	54	5	120	12.80
S408237		0.65	<0.005		<0.5	9.07	<5	230	2.6	3	1.80	<0.5	8	8	14	4.94
S408238		0.56	<0.005		<0.5	6.89	<5	90	1.9	<2	2.95	<0.5	1	15	3	0.97
S408239		0.61	0.009		<0.5	4.79	<5	20	<0.5	2	0.24	<0.5	9	19	130	7.79
S408240		0.11	4.03	3.93	0.8	7.03	30	590	0.8	<2	2.45	0.8	17	63	153	5.17
S408241		0.70	<0.005		<0.5	8.01	<5	40	1.1	4	2.85	<0.5	3	7	102	3.70
S408242		0.74	<0.005		<0.5	7.46	<5	100	1.4	7	5.47	<0.5	61	27	395	11.05
S408243		0.45	<0.005		<0.5	6.43	<5	40	<0.5	2	6.14	<0.5	37	436	5	4.93
S408244		0.78	<0.005		<0.5	7.30	<5	20	<0.5	3	6.70	0.6	49	122	156	9.84
S408245		0.48	<0.005		<0.5	3.53	5	10	<0.5	<2	6.79	0.5	26	105	196	5.00
S408246		0.38	0.105		0.6	2.32	<5	10	<0.5	<2	2.23	0.5	18	51	946	4.03
S408247		0.73	<0.005		<0.5	7.67	<5	10	<0.5	5	3.99	<0.5	44	174	60	9.86
S408253		0.49	<0.005		<0.5	0.10	<5	<10	<0.5	2	0.27	<0.5	1	51	9	0.72
S408254		0.53	<0.005		<0.5	9.06	<5	80	<0.5	3	5.14	<0.5	57	174	69	8.51
S408255		0.55	<0.005		<0.5	8.03	<5	20	0.8	<2	4.13	<0.5	48	169	36	7.16
S408261		0.64	<0.005		<0.5	1.99	<5	10	<0.5	<2	1.51	<0.5	18	52	35	6.24
S408262		0.62	<0.005		<0.5	7.00	<5	430	1.5	2	4.62	<0.5	8	45	196	6.84
S408263		0.66	<0.005		<0.5	1.66	7	120	<0.5	<2	0.08	<0.5	6	55	65	1.94
S408264		0.72	0.006		<0.5	4.55	<5	650	1.0	<2	0.06	<0.5	9	77	81	4.82
S408265		0.54	0.007		<0.5	0.10	<5	10	<0.5	2	0.02	<0.5	1	66	100	0.84
S408266		0.84	<0.005		<0.5	0.40	<5	20	<0.5	<2	0.15	<0.5	8	63	57	1.23
S408267		0.61	<0.005		<0.5	4.56	<5	430	0.5	3	0.09	<0.5	4	37	29	2.48
S408268		0.78	<0.005		<0.5	0.53	<5	40	<0.5	<2	0.13	0.7	7	65	174	1.56
S408269		0.70	<0.005		<0.5	2.30	8	20	<0.5	<2	0.98	<0.5	14	87	32	3.25
S408270		0.64	0.007		<0.5	7.24	<5	20	<0.5	4	5.69	<0.5	48	139	143	9.03
S408271		0.78	<0.005		<0.5	5.91	<5	10	<0.5	4	4.10	<0.5	45	152	85	8.65
S408272		0.85	<0.005		<0.5	0.46	<5	10	<0.5	<2	4.97	<0.5	3	47	7	0.96
S408273		0.58	<0.005		<0.5	7.26	<5	20	<0.5	2	6.07	0.5	49	136	164	9.30
S408274		0.69	<0.005		<0.5	5.07	<5	310	<0.5	<2	7.59	<0.5	17	59	67	2.69
S408275		0.57	0.007		<0.5	7.05	<5	20	<0.5	3	5.41	<0.5	44	149	121	8.19
S408276		0.78	<0.005		<0.5	1.35	<5	30	<0.5	<2	4.31	<0.5	3	39	19	1.27
S408277		0.63	0.005		<0.5	7.15	7	110	<0.5	6	10.65	<0.5	29	80	116	3.95
S408278		0.64	0.006		<0.5	6.71	<5	720	1.0	<2	9.98	<0.5	5	22	24	2.45
S408279		0.65	<0.005		<0.5	0.95	<5	10	<0.5	<2	2.01	<0.5	5	50	19	2.22
S408436		0.59	<0.005		<0.5	6.41	14	200	0.7	5	4.25	<0.5	57	13	83	11.85
S408437		0.71	<0.005		<0.5	6.32	<5	130	0.5	3	1.67	<0.5	28	22	243	9.96
S408438		0.54	<0.005		<0.5	3.24	<5	30	<0.5	<2	2.23	<0.5	21	111	13	4.69
S408439		0.68	<0.005		<0.5	8.47	<5	50	0.5	2	5.44	<0.5	44	231	44	7.65
S408440		0.11	4.10	4.25	0.8	7.04	31	600	0.8	3	2.48	0.9	18	64	150	5.18

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CERTIFICAT D'ANALYSE SD17148317

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S408235		10	0.05	<10	0.37	406	2	2.25	2	100	<2	<0.01	<5	6	74	<20
S408236		20	0.33	<10	2.63	1750	1	1.64	25	410	<2	0.05	<5	48	172	<20
S408237		30	0.58	100	1.37	955	2	4.75	1	970	3	0.09	<5	3	134	<20
S408238		10	0.10	50	0.10	629	2	6.04	<1	250	<2	<0.01	<5	3	119	<20
S408239		10	0.02	<10	0.50	816	2	2.64	2	510	6	0.18	<5	20	86	<20
S408240		20	1.09	10	1.51	841	8	2.20	41	740	49	0.14	<5	16	276	<20
S408241		30	0.06	10	0.47	410	2	5.58	<1	300	6	0.34	<5	14	244	<20
S408242		30	0.12	40	2.66	1935	2	2.86	47	1800	3	0.61	<5	22	198	<20
S408243		10	0.13	<10	6.88	1280	<1	0.57	137	100	<2	0.01	<5	35	19	<20
S408244		20	0.10	<10	3.87	1500	<1	1.76	56	470	2	0.20	<5	45	172	<20
S408245		10	0.05	<10	2.12	846	1	0.63	44	280	<2	0.07	<5	26	115	<20
S408246		<10	0.02	<10	1.22	820	2	0.51	20	70	<2	0.13	<5	7	43	<20
S408247		10	0.05	<10	4.29	1180	<1	2.72	62	440	<2	0.04	<5	53	65	<20
S408253		<10	<0.01	<10	0.05	99	3	0.04	2	10	<2	0.01	<5	1	4	<20
S408254		20	0.14	10	2.80	871	2	2.64	130	650	2	0.27	<5	29	153	<20
S408255		20	0.08	10	4.46	846	<1	2.94	132	540	<2	2.68	<5	26	226	<20
S408261		10	0.03	<10	1.58	942	3	0.05	17	140	<2	0.12	<5	17	15	<20
S408262		20	3.01	30	3.25	2940	1	2.31	14	550	19	0.24	<5	8	76	<20
S408263		<10	0.55	<10	0.57	359	3	0.46	8	100	48	0.03	<5	1	11	<20
S408264		10	1.57	<10	1.63	889	2	0.31	10	130	4	0.09	<5	5	10	<20
S408265		<10	0.04	<10	0.06	105	4	0.01	4	60	<2	0.05	<5	<1	2	<20
S408266		<10	0.19	<10	0.31	226	4	<0.01	10	670	2	0.11	<5	<1	5	<20
S408267		10	1.71	10	0.97	311	1	1.83	7	170	3	0.03	<5	4	30	<20
S408268		<10	0.21	<10	0.33	258	5	0.01	9	620	2	0.21	<5	1	5	<20
S408269		10	0.05	<10	1.07	487	3	0.65	29	90	<2	0.01	<5	11	11	<20
S408270		20	0.08	<10	3.49	1320	<1	2.36	100	300	<2	0.06	<5	43	76	<20
S408271		10	0.05	<10	3.62	1145	<1	2.09	86	350	<2	0.02	<5	42	28	<20
S408272		<10	0.02	<10	0.16	611	3	0.02	4	20	<2	<0.01	<5	2	16	<20
S408273		20	0.10	<10	4.21	1405	1	2.27	102	360	<2	0.13	<5	43	76	<20
S408274		10	0.34	<10	0.92	585	1	0.48	33	140	<2	0.01	<5	12	91	<20
S408275		10	0.05	<10	3.43	1115	<1	2.33	96	330	<2	0.03	<5	45	69	<20
S408276		<10	0.04	<10	0.20	441	3	0.14	3	20	<2	<0.01	<5	2	35	<20
S408277		20	0.14	<10	1.06	750	1	0.18	48	200	<2	0.14	<5	18	122	<20
S408278		10	1.51	<10	0.52	3240	1	0.44	6	40	<2	<0.01	<5	5	145	<20
S408279		<10	0.01	<10	0.72	312	2	0.01	11	40	2	0.02	<5	5	10	<20
S408436		20	1.03	10	1.89	2060	1	1.11	2	520	<2	0.26	<5	39	91	<20
S408437		20	0.69	10	1.05	979	4	2.25	3	520	14	0.78	<5	19	84	<20
S408438		10	0.13	<10	1.78	587	3	0.50	43	150	<2	0.03	<5	23	40	<20
S408439		20	0.16	10	5.44	936	<1	2.12	135	490	2	0.68	<5	30	255	<20
S408440		20	1.10	10	1.52	851	7	2.21	40	760	47	0.15	6	16	278	<20

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CERTIFICAT D'ANALYSE SD17148317

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
S408235		0.13	<10	<10	7	<10	22	94.8	98.5
S408236		1.09	<10	<10	755	<10	116		96.0
S408237		0.60	<10	<10	6	<10	51		
S408238		0.25	<10	<10	9	<10	10		
S408239		0.52	<10	<10	26	<10	40		
S408240		0.37	<10	<10	143	40	286		
S408241		0.58	<10	<10	23	<10	17		
S408242		2.08	<10	<10	264	<10	93		
S408243		0.17	<10	<10	151	<10	61		
S408244		0.80	<10	<10	392	<10	104		
S408245		0.47	<10	<10	224	<10	53		
S408246		0.12	<10	<10	82	<10	54		
S408247		0.94	<10	<10	423	<10	115		
S408253		0.01	<10	<10	6	<10	2		
S408254		0.82	<10	<10	263	<10	106		
S408255		0.63	<10	<10	217	<10	102		
S408261		0.44	<10	<10	275	<10	64	93.6	
S408262		0.27	<10	<10	45	<10	54		
S408263		0.04	<10	<10	12	<10	31		
S408264		0.20	<10	<10	59	<10	64		
S408265		0.01	<10	<10	3	<10	12		
S408266		0.02	<10	<10	8	<10	55		
S408267		0.17	<10	<10	31	<10	24		
S408268		0.03	<10	<10	8	<10	166		
S408269		0.22	<10	<10	109	<10	37		
S408270		0.69	<10	<10	366	<10	105		
S408271		0.74	<10	<10	319	<10	98		
S408272		0.02	<10	<10	29	<10	6		
S408273		0.69	<10	<10	362	<10	96		
S408274		0.21	<10	<10	117	<10	39		
S408275		0.73	<10	<10	380	<10	100		
S408276		0.03	<10	<10	43	<10	8		
S408277		0.31	<10	<10	182	<10	42		
S408278		0.07	<10	<10	126	<10	65		
S408279		0.08	<10	<10	44	<10	22		
S408436		0.95	<10	<10	365	<10	127		
S408437		0.39	<10	<10	50	<10	88		
S408438		0.27	<10	<10	223	<10	57		
S408439		0.67	<10	<10	242	<10	202		
S408440		0.37	<10	<10	145	40	286		

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S408441		0.50	0.013		<0.5	8.24	<5	600	0.8	3	2.87	2.1	26	336	82	9.55
S408442		0.68	<0.005		<0.5	8.22	<5	180	0.5	7	7.48	<0.5	54	114	88	9.65
S408443		0.57	0.005		<0.5	0.04	<5	<10	<0.5	<2	0.03	<0.5	<1	63	3	0.75
S408444		0.63	<0.005		<0.5	7.00	<5	20	<0.5	4	7.13	0.7	48	131	184	9.80
S408445		0.46	0.006		<0.5	8.43	<5	590	<0.5	<2	6.03	<0.5	55	101	24	9.13
S408446		0.69	0.009		<0.5	8.39	<5	30	<0.5	5	7.95	0.6	39	276	338	8.56
S408452		0.59	<0.005		<0.5	4.85	15	130	<0.5	<2	3.11	<0.5	17	78	16	5.86
S408453		0.59	<0.005		<0.5	8.36	<5	40	<0.5	4	2.18	<0.5	15	177	68	10.55
S408454		0.61	0.005		<0.5	7.14	<5	110	<0.5	5	7.20	<0.5	46	171	142	8.09
S408462		0.56	0.005		<0.5	8.19	<5	10	<0.5	4	4.15	0.6	39	207	118	12.00
S408463		0.62	<0.005		<0.5	0.50	<5	60	<0.5	<2	0.10	<0.5	1	59	5	1.10
S408464		0.51	<0.005		<0.5	8.55	6	60	0.8	2	3.10	<0.5	41	254	60	6.92
S408465		0.54	<0.005		<0.5	9.03	<5	150	0.9	<2	0.44	<0.5	23	120	125	9.37
S408466		0.65	0.005		<0.5	7.75	22	120	0.7	3	6.81	<0.5	28	78	80	5.78
S408467		0.52	0.008		<0.5	1.10	22	40	<0.5	3	0.82	3.1	48	29	365	45.0
S408468		0.70	0.008		<0.5	4.10	7	10	<0.5	3	5.12	<0.5	11	44	360	3.16

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S408441		20	1.62	10	2.72	401	6	2.46	109	550	13	3.53	<5	30	149	<20
S408442		20	0.22	10	4.26	1345	1	1.46	104	1150	2	0.16	<5	33	663	<20
S408443		<10	<0.01	<10	0.02	74	4	0.01	2	<10	<2	0.04	<5	<1	3	<20
S408444		20	0.10	<10	4.09	1580	<1	1.26	90	370	<2	0.10	<5	42	92	<20
S408445		20	0.68	10	4.44	1365	1	1.60	117	1100	<2	0.04	<5	31	384	<20
S408446		20	0.18	<10	4.69	1125	<1	0.93	135	290	5	0.73	<5	33	131	<20
S408452		10	0.69	<10	4.12	738	2	0.30	44	50	3	0.02	<5	21	43	<20
S408453		20	0.14	<10	4.33	1070	1	3.27	44	390	2	0.34	<5	45	53	<20
S408454		20	0.42	<10	3.27	1140	<1	2.49	85	480	4	1.75	<5	41	104	<20
S408462		20	0.03	10	6.06	1040	3	0.67	111	520	4	1.34	<5	17	191	<20
S408463		<10	0.07	<10	0.35	124	3	0.01	6	30	<2	0.02	<5	2	4	<20
S408464		20	0.20	10	4.17	697	1	3.20	137	490	4	0.99	<5	31	178	<20
S408465		20	0.55	10	3.68	491	1	4.32	73	1000	4	2.58	<5	28	186	<20
S408466		20	0.13	<10	1.47	1005	1	1.16	59	190	<2	0.06	<5	17	225	<20
S408467		<10	0.02	10	0.36	276	2	0.09	185	230	31	0.30	<5	6	17	<20
S408468		20	0.02	<10	0.53	489	2	0.05	23	120	<2	0.06	<5	5	101	<20

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S408441		0.65	<10	<10	255	<10	473	94.2	95.1
S408442		0.98	<10	<10	262	<10	110		
S408443		<0.01	<10	<10	3	<10	8		
S408444		0.68	<10	<10	359	<10	108		
S408445		0.93	<10	<10	243	<10	86		
S408446		0.46	<10	<10	238	<10	90		
S408452		0.04	<10	<10	189	<10	97		
S408453		0.87	<10	<10	449	<10	179		
S408454		0.78	<10	<10	379	<10	99		
S408462		0.69	<10	<10	269	<10	298		
S408463		0.04	<10	<10	17	<10	11		
S408464		0.67	<10	<10	245	<10	86		
S408465		0.36	<10	<10	227	<10	172		
S408466		0.33	<10	<10	277	<10	63		
S408467		0.10	<10	<10	56	<10	1145		
S408468		0.07	<10	<10	193	<10	24		

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
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Finalisée date:
10- AOUT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17148317

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
28- MARS- 2017
Compte: MIDEXP

CERTIFICAT VO17048458

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 13 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 15- MARS- 2017.

Les résultats sont transmis à:

MARIO MASSON	RICHARD ST- CYR	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Projet: WILLBOB PROJECT

Finalisée date:
28- MARS- 2017
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO17048458

Description échantillon	Méthode élément unités L.D.	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001
S435176		0.489	<0.005	0.001
S435177		0.013	<0.005	0.001
S435178		0.112	<0.005	<0.001
S435179		0.285	<0.005	0.001
S435180		0.493	0.405	1.810
S435181		0.005	<0.005	0.003
S435182		<0.001	<0.005	0.003
S435183		0.009	<0.005	<0.001
S435184		0.032	0.237	1.225
S435185		0.173	0.167	0.377
S435186		0.024	0.082	0.175
S435187		0.051	0.247	0.311
S435188		0.055	0.137	0.292

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Finalisée date:
28- MARS- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17048458

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
PGM- ICP23

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 9- JUIL- 2017
Compte: MIDEXP

CERTIFICAT VO17127224

Projet: Willbob Projet

Ce rapport s'applique aux 80 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 23- JUIN- 2017.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Zn- OG62	Teneur marchande Zn - quatre acides	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 9- JUIL- 2017
Compte: MIDEXP

Projet: Willbob Projet

CERTIFICAT D'ANALYSE VO17127224

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S408001		0.99	0.010		<0.5	6.40	18	120	0.8	<2	0.51	<0.5	14	11	9	9.09
S408002		0.85	0.044		<0.5	0.72	141	60	<0.5	<2	0.04	<0.5	3	36	47	4.75
S408003		1.15	<0.005		<0.5	5.25	<5	40	1.0	<2	0.10	<0.5	2	17	7	0.92
S408004		1.01	0.006		<0.5	5.10	14	40	1.0	<2	0.04	<0.5	1	22	2	0.88
S408005		0.97	0.018		<0.5	5.88	14	170	1.0	<2	0.06	<0.5	13	12	86	8.88
S408006		0.95	0.137		<0.5	5.32	28	100	0.9	<2	0.23	<0.5	11	15	63	4.82
S408007		0.58	<0.005		<0.5	5.34	<5	370	0.6	<2	0.36	<0.5	5	77	51	3.34
S408008		1.11	0.475		<0.5	7.68	>10000	10	0.7	<2	2.80	<0.5	42	5	89	14.75
S408009		0.42	0.005		<0.5	5.09	39	80	0.6	<2	3.75	<0.5	14	8	2	7.73
S408010		0.98	0.009		<0.5	2.01	9	200	0.6	<2	1.04	<0.5	4	33	51	11.65
S408011		0.99	0.368		<0.5	5.89	>10000	500	3.6	<2	0.24	<0.5	6	11	17	7.24
S408012		0.85	0.008		<0.5	6.85	53	70	1.1	<2	0.27	<0.5	37	15	75	6.10
S408013		0.62	<0.005		<0.5	5.80	<5	20	1.2	<2	1.43	<0.5	48	19	123	5.37
S408014		0.65	0.013		<0.5	6.42	65	40	<0.5	<2	1.91	<0.5	85	7	108	18.95
S408015		0.74	0.008		<0.5	5.98	<5	10	<0.5	<2	1.44	<0.5	86	4	253	22.9
S408016		0.61	0.746		<0.5	6.43	46	10	<0.5	<2	2.86	<0.5	65	5	124	19.25
S408017		0.67	2.56		<0.5	6.29	>10000	140	0.6	<2	0.35	<0.5	189	6	104	25.7
S408018		0.45	0.021		<0.5	7.19	562	20	<0.5	<2	0.16	<0.5	70	12	149	20.4
S408019		0.80	0.181		<0.5	5.69	572	100	<0.5	<2	4.76	<0.5	46	12	95	12.15
S408020		0.51	<0.005		<0.5	8.16	125	1020	1.6	<2	3.49	<0.5	23	97	98	6.44
S408021		0.43	0.009		<0.5	2.44	92	40	<0.5	<2	5.68	<0.5	16	11	25	10.40
S408022		0.48	0.005		<0.5	5.35	53	10	<0.5	<2	3.93	<0.5	37	152	59	5.38
S408023		0.72	<0.005		0.6	8.60	18	250	<0.5	<2	1.14	<0.5	37	306	78	12.85
S408024		0.82	<0.005		<0.5	10.05	61	790	2.7	<2	0.10	<0.5	6	124	53	6.06
S408025		0.89	<0.005		<0.5	2.15	35	90	7.9	<2	2.39	<0.5	1	38	50	2.31
S408101		0.90	0.019		1.1	6.22	831	100	<0.5	<2	5.51	0.6	220	501	4210	5.10
S408102		2.20	0.113		3.8	0.27	404	30	<0.5	<2	0.73	154.0	340	18	1115	36.8
S408103		0.79	0.120		7.1	0.06	372	10	<0.5	3	0.40	129.5	332	21	8370	31.0
S408104		0.76	0.124		11.6	0.05	369	10	<0.5	4	0.34	283	327	8	5680	35.5
S408105		1.03	0.067		4.8	0.05	310	20	<0.5	9	0.82	22.6	582	9	4140	41.0
S408106		1.13	0.021		<0.5	1.23	722	10	<0.5	<2	2.81	1.0	100	2430	45	7.76
S408107		0.95	0.006		<0.5	5.15	<5	<10	<0.5	<2	0.37	<0.5	101	361	651	22.2
S408108		0.84	0.007		<0.5	6.45	<5	<10	<0.5	<2	0.07	<0.5	83	1780	248	7.68
S408109		0.68	0.070		<0.5	2.54	653	<10	<0.5	<2	2.51	<0.5	100	1710	11	8.64
S408110		0.72	<0.005		<0.5	0.75	<5	50	<0.5	<2	0.13	<0.5	3	58	51	1.72
S408111		0.72	<0.005		<0.5	2.39	<5	620	0.6	<2	3.42	<0.5	15	68	69	3.21
S408112		1.28	<0.005		<0.5	2.85	<5	90	<0.5	<2	0.64	<0.5	9	141	60	4.94
S408113		0.75	0.047		1.4	8.13	<5	590	<0.5	4	5.59	1.2	46	5	1640	12.50
S408114		0.44	0.075		<0.5	6.18	70	10	<0.5	2	2.20	1.0	66	5	31	17.60
S408115		0.57	0.006		<0.5	7.43	165	120	0.6	3	0.09	<0.5	19	4	106	20.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- JUIL- 2017
Compte: MIDEXP

Projet: Willbob Projet

CERTIFICAT D'ANALYSE VO17127224

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S408001		20	0.32	<10	0.33	1120	1	2.86	3	380	5	0.04	<5	11	66	<20
S408002		10	0.21	<10	0.03	388	<1	0.13	4	30	4	0.26	<5	3	6	<20
S408003		20	0.18	<10	0.01	191	1	4.79	<1	60	<2	0.01	<5	3	46	<20
S408004		20	0.20	<10	0.01	140	<1	4.91	<1	20	<2	0.01	<5	1	34	<20
S408005		30	0.62	10	0.36	523	1	2.38	1	260	12	1.04	<5	17	33	<20
S408006		20	0.45	20	0.03	456	<1	3.54	4	390	6	0.89	<5	7	86	<20
S408007		10	1.59	10	0.94	653	<1	1.45	6	140	3	0.05	<5	9	12	<20
S408008		20	0.03	<10	1.33	2120	1	3.87	<1	460	7	3.08	<5	23	53	<20
S408009		20	0.17	10	0.47	1530	<1	2.37	<1	1040	6	0.02	5	18	131	<20
S408010		10	0.84	10	0.68	1675	1	0.04	11	150	44	0.32	<5	3	47	<20
S408011		30	1.36	10	0.34	876	2	2.99	<1	310	4	0.98	7	21	84	<20
S408012		20	0.14	20	0.05	228	1	5.59	3	240	4	2.87	<5	7	108	<20
S408013		20	0.08	10	0.25	577	<1	3.55	<1	330	3	1.53	<5	16	60	<20
S408014		20	0.09	<10	1.87	2950	<1	2.23	<1	370	7	2.25	<5	20	63	<20
S408015		20	0.01	<10	2.02	1990	<1	2.14	3	450	6	6.52	<5	23	51	<20
S408016		30	0.03	<10	2.33	2910	<1	2.01	<1	400	<2	2.93	10	22	75	<20
S408017		30	0.65	<10	1.62	4020	2	1.24	<1	450	6	3.34	15	31	36	<20
S408018		30	0.03	<10	1.46	3300	<1	3.25	<1	440	3	0.20	6	22	27	<20
S408019		20	0.73	<10	1.41	2380	<1	2.08	<1	300	5	0.72	6	39	123	<20
S408020		20	1.79	40	2.02	723	3	2.31	50	920	18	0.19	<5	18	566	<20
S408021		<10	0.17	<10	0.51	3670	<1	1.73	<1	110	13	0.05	<5	18	101	<20
S408022		10	0.04	<10	3.29	619	<1	0.86	115	310	14	0.35	6	19	66	<20
S408023		20	0.29	<10	7.15	1185	<1	0.02	125	80	14	0.05	<5	44	137	<20
S408024		30	4.49	<10	1.77	319	1	1.17	18	700	12	0.05	6	22	84	<20
S408025		<10	0.28	<10	0.20	2170	1	0.33	1	50	7	0.05	<5	1	139	<20
S408101		10	0.75	10	4.55	979	1	3.51	753	2010	8	0.48	9	23	69	<20
S408102		20	0.08	<10	0.40	330	<1	0.01	102	<10	111	>10.0	8	2	15	<20
S408103		10	0.01	<10	0.20	149	7	0.01	10	<10	116	>10.0	8	<1	7	<20
S408104		10	0.01	<10	0.17	168	4	0.01	21	<10	108	>10.0	5	<1	6	<20
S408105		<10	0.01	<10	0.38	297	5	0.01	99	20	97	>10.0	<5	<1	13	<20
S408106		<10	0.01	<10	17.40	1190	<1	0.03	1260	160	3	0.44	<5	12	37	<20
S408107		10	0.01	40	5.82	1220	<1	<0.01	123	700	10	0.59	5	17	4	30
S408108		20	0.01	<10	16.75	181	<1	0.01	634	20	<2	0.89	<5	16	<1	<20
S408109		10	<0.01	<10	15.80	1535	<1	0.01	826	100	2	0.10	<5	17	19	<20
S408110		<10	0.13	<10	0.14	127	<1	0.23	4	190	<2	0.16	<5	1	29	<20
S408111		10	0.83	20	0.84	935	2	0.43	46	1830	2	0.12	<5	7	163	<20
S408112		10	0.11	10	0.91	284	29	1.36	44	1090	<2	1.61	<5	8	47	<20
S408113		20	1.90	<10	2.93	1265	2	0.92	4	810	8	0.19	<5	56	121	<20
S408114		20	0.02	<10	1.51	2810	<1	1.87	3	370	<2	0.18	<5	18	55	<20
S408115		20	0.54	<10	1.22	1085	<1	2.84	2	440	6	0.22	<5	24	33	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- JUIL- 2017
Compte: MIDEXP

Projet: Willbob Projet

CERTIFICAT D'ANALYSE VO17127224

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408001		0.05	<10	<10	2	<10	55	
S408002		0.01	<10	<10	2	<10	16	
S408003		0.06	<10	<10	1	10	5	
S408004		0.13	<10	<10	1	<10	4	
S408005		0.08	<10	<10	1	<10	83	
S408006		0.19	<10	<10	1	<10	18	
S408007		0.22	<10	<10	64	<10	31	
S408008		0.69	<10	<10	99	<10	73	
S408009		0.49	<10	<10	1	<10	33	
S408010		0.05	<10	<10	21	<10	63	
S408011		0.31	<10	<10	7	<10	47	
S408012		0.31	<10	<10	7	<10	11	
S408013		0.27	<10	<10	1	<10	15	
S408014		1.09	<10	<10	29	<10	124	
S408015		1.02	10	<10	101	<10	139	
S408016		1.14	<10	<10	23	<10	128	
S408017		1.17	<10	<10	126	<10	135	
S408018		1.23	<10	<10	60	<10	132	
S408019		0.86	<10	<10	22	10	84	
S408020		0.52	<10	<10	152	<10	108	
S408021		0.45	<10	<10	6	20	46	
S408022		0.38	10	<10	141	<10	73	
S408023		0.69	<10	<10	299	<10	178	
S408024		0.55	<10	<10	194	10	117	
S408025		0.01	<10	<10	12	<10	81	
S408101		0.59	<10	<10	173	<10	49	
S408102		<0.01	10	<10	14	<10	>10000	6.44
S408103		<0.01	10	<10	3	10	>10000	5.22
S408104		<0.01	10	<10	4	10	>10000	13.25
S408105		<0.01	<10	<10	3	10	>10000	1.095
S408106		0.08	<10	<10	70	<10	410	
S408107		1.55	<10	10	318	<10	164	
S408108		0.08	<10	<10	157	<10	132	
S408109		0.16	<10	<10	111	<10	153	
S408110		0.05	<10	<10	11	<10	34	
S408111		0.08	<10	<10	55	<10	23	
S408112		0.02	<10	<10	88	<10	50	
S408113		1.55	<10	<10	97	<10	126	
S408114		0.97	10	<10	6	<10	150	
S408115		1.09	10	<10	87	<10	127	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 9- JUIL- 2017
Compte: MIDEXP

Projet: Willbob Projet

CERTIFICAT D'ANALYSE VO17127224

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S408116		0.57	<0.005		<0.5	4.82	7	530	0.5	<2	0.40	<0.5	1	139	42	7.67
S408117		0.57	<0.005		<0.5	3.00	8	230	0.8	<2	0.30	<0.5	4	70	18	2.26
S408118		0.63	<0.005		<0.5	0.36	<5	20	<0.5	<2	0.51	<0.5	1	51	17	0.88
S408119		0.42	0.007		<0.5	7.80	<5	1210	1.1	<2	3.23	<0.5	22	128	27	7.04
S408120		0.52	0.016		0.6	0.94	50	10	<0.5	<2	1.11	<0.5	14	48	1370	2.39
S408121		0.49	0.009		<0.5	1.55	<5	40	<0.5	<2	14.45	<0.5	11	51	7	1.51
S408122		0.59	<0.005		<0.5	4.72	<5	10	<0.5	<2	5.38	<0.5	26	66	34	4.44
S408123		0.42	0.012		<0.5	4.19	<5	140	<0.5	<2	3.70	<0.5	11	34	15	3.03
S408124		0.36	<0.005		<0.5	5.55	8	170	0.5	<2	1.56	<0.5	15	93	106	8.35
S408125		0.46	<0.005		<0.5	5.41	<5	280	<0.5	2	3.74	0.6	18	47	58	7.58
S408126		0.31	<0.005		<0.5	6.53	<5	20	<0.5	<2	6.23	0.9	50	47	74	10.00
S408127		0.49	<0.005		<0.5	6.78	<5	20	<0.5	<2	6.38	0.8	51	47	77	10.40
S408128		0.58	0.009		<0.5	1.39	7	90	<0.5	<2	0.33	<0.5	2	57	20	1.60
S408129		0.53	<0.005		<0.5	1.52	253	120	<0.5	<2	0.78	<0.5	28	46	50	2.10
S408130		0.46	<0.005		<0.5	0.07	24	130	<0.5	<2	0.01	<0.5	1	49	5	0.63
S408131		0.71	<0.005		<0.5	8.12	9	760	1.4	<2	3.78	<0.5	17	117	3	5.12
S408132		0.69	<0.005		<0.5	8.28	<5	40	<0.5	<2	10.90	<0.5	7	50	21	3.77
S408133		0.68	<0.005		<0.5	6.81	<5	20	<0.5	<2	7.05	0.9	62	176	201	10.95
S408134		0.60	0.082		<0.5	0.11	1195	10	<0.5	<2	0.24	<0.5	30	53	284	3.24
V702640		0.86	<0.005		<0.5	7.53	5	1000	1.1	<2	2.54	<0.5	20	96	34	5.53
V702641		1.56	<0.005		<0.5	6.48	36	10	<0.5	3	2.32	0.8	35	3	29	13.70
V702642		1.17	0.274		<0.5	6.04	464	10	0.5	2	3.70	2.9	33	5	27	12.30
V702643		1.55	<0.005		<0.5	4.86	702	10	<0.5	2	6.29	0.9	25	6	64	9.02
V702644		1.25	0.015		<0.5	6.05	26	10	<0.5	<2	5.81	0.6	30	2	43	12.25
V702645		1.65	<0.005		<0.5	6.07	41	10	<0.5	<2	5.01	0.6	42	1	10	12.35
V702646		1.86	<0.005		<0.5	5.87	23	20	<0.5	<2	5.50	0.8	27	1	23	10.60
V702647		1.58	<0.005		<0.5	6.04	19	10	0.7	4	4.97	0.5	22	3	4	8.95
V702648		1.67	<0.005		<0.5	5.83	78	10	0.5	<2	5.02	0.6	27	1	10	10.15
V702649		0.99	0.094		<0.5	4.91	4360	10	<0.5	<2	4.34	1.5	21	7	85	8.52
V702650		0.81	0.444		<0.5	6.42	79	10	<0.5	<2	3.08	2.4	33	1	72	13.15
V702651		2.49	0.024		<0.5	5.79	39	30	0.6	<2	5.43	0.7	30	2	12	11.90
V702652		0.90	0.782		<0.5	6.00	919	20	<0.5	<2	4.75	0.6	39	2	149	13.25
V702653		1.29	0.158		<0.5	5.79	68	40	0.6	4	4.05	0.6	39	<1	18	13.20
V702654		0.80	0.019		<0.5	5.58	156	20	0.6	<2	5.66	2.5	33	3	82	11.05
V702655		0.77	0.088		<0.5	6.35	34	10	<0.5	<2	2.77	0.5	36	2	58	13.45
V702656		1.20	0.166		<0.5	5.54	>10000	10	<0.5	<2	2.92	0.5	27	5	59	8.96
V702657		1.46	0.170		<0.5	2.36	>10000	<10	<0.5	<2	2.33	<0.5	16	21	9	4.56
V702658		2.15	0.026		<0.5	5.61	90	50	0.5	<2	4.73	0.6	42	2	22	12.60
V702659		1.21	<0.005		<0.5	5.89	49	30	<0.5	5	4.61	<0.5	37	<1	26	12.85
V702660		0.11	3.89	NSS	0.9	6.87	31	590	0.7	<2	2.37	1.0	17	61	146	5.09

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CERTIFICAT D'ANALYSE VO17127224

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S408116		10	2.04	<10	1.77	279	3	0.04	9	350	19	0.06	<5	14	8	<20
S408117		10	1.31	10	0.48	233	1	0.24	13	260	11	0.01	<5	6	26	<20
S408118		<10	0.09	<10	0.07	123	<1	0.08	4	60	<2	0.01	<5	<1	22	<20
S408119		20	1.73	30	2.16	914	<1	2.09	61	1010	14	0.07	<5	22	588	<20
S408120		<10	0.02	<10	0.72	276	<1	0.02	24	40	<2	0.15	<5	2	12	<20
S408121		<10	0.20	<10	1.30	432	<1	0.07	26	40	<2	<0.01	<5	9	23	<20
S408122		10	0.04	<10	3.88	892	<1	0.65	64	60	2	<0.01	<5	29	50	<20
S408123		10	0.58	<10	1.28	622	<1	0.01	23	70	2	<0.01	<5	13	20	<20
S408124		10	0.33	<10	1.20	439	30	1.89	82	610	11	1.66	<5	19	118	<20
S408125		20	0.30	<10	1.92	1010	14	1.42	16	510	4	0.13	<5	23	106	<20
S408126		20	0.11	<10	3.35	1630	1	1.82	47	410	<2	0.10	<5	44	91	<20
S408127		20	0.11	<10	3.45	1675	<1	1.90	49	430	<2	0.11	<5	46	95	<20
S408128		<10	0.27	10	0.21	150	11	0.46	16	70	2	0.05	<5	2	50	<20
S408129		<10	0.11	<10	0.23	274	2	0.53	5	140	2	0.13	<5	2	108	<20
S408130		<10	0.04	<10	0.01	69	<1	0.02	2	10	<2	<0.01	<5	<1	4	<20
S408131		20	1.70	20	2.14	885	3	2.81	72	1200	7	<0.01	<5	11	548	<20
S408132		40	0.13	<10	0.80	949	<1	0.42	29	180	<2	0.19	<5	10	586	<20
S408133		20	0.15	<10	5.77	1790	<1	1.47	148	380	<2	0.64	<5	32	57	<20
S408134		<10	0.02	<10	0.07	260	1	0.01	19	360	<2	0.87	<5	<1	4	<20
V702640		20	1.63	30	1.68	674	1	2.22	52	840	16	0.09	<5	19	491	<20
V702641		20	0.03	<10	1.83	2350	<1	1.97	4	130	21	0.49	<5	51	72	<20
V702642		20	0.03	<10	1.64	2070	<1	1.96	4	50	256	0.46	<5	47	91	<20
V702643		10	0.03	<10	1.09	2040	<1	2.00	3	50	13	0.89	<5	34	136	<20
V702644		20	0.03	<10	1.48	2290	<1	2.10	2	240	4	0.62	<5	47	146	<20
V702645		20	0.05	<10	1.44	2260	1	1.98	2	480	4	0.22	<5	49	127	<20
V702646		20	0.07	<10	1.31	2000	1	2.29	2	380	6	0.22	<5	46	124	<20
V702647		20	0.04	<10	1.59	2090	<1	2.56	1	40	<2	0.06	<5	51	128	<20
V702648		20	0.03	<10	1.80	2210	<1	1.98	4	190	10	0.15	<5	50	113	<20
V702649		10	0.02	<10	1.32	1735	<1	1.96	2	130	70	0.91	<5	38	86	<20
V702650		20	0.02	<10	1.87	2140	1	2.02	1	80	168	1.09	<5	50	80	<20
V702651		20	0.12	<10	1.37	2240	<1	1.96	3	170	7	0.23	<5	46	106	<20
V702652		20	0.09	<10	1.26	2050	<1	2.23	2	480	7	1.63	<5	46	110	<20
V702653		20	0.20	<10	1.30	2180	<1	2.01	1	450	3	0.28	<5	47	99	<20
V702654		20	0.07	<10	1.32	2030	1	2.08	6	420	144	0.84	<5	41	124	<20
V702655		20	0.03	<10	1.81	1965	<1	2.00	2	490	5	1.08	<5	54	77	<20
V702656		10	0.03	<10	1.30	1375	1	2.55	2	230	5	1.34	<5	33	80	<20
V702657		10	0.01	<10	0.52	664	1	1.14	2	160	2	0.98	<5	13	48	<20
V702658		20	0.16	<10	1.33	2180	<1	1.91	1	440	7	0.37	<5	46	112	<20
V702659		20	0.10	<10	1.61	2200	<1	1.76	2	440	<2	0.28	<5	47	106	<20
V702660		20	1.10	10	1.47	831	7	2.17	42	740	47	0.14	<5	16	274	<20

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CERTIFICAT D'ANALYSE VO17127224

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408116		0.36	<10	<10	219	<10	60	
S408117		0.12	<10	<10	49	<10	43	
S408118		0.01	<10	<10	5	<10	12	
S408119		0.60	10	<10	169	<10	115	
S408120		0.01	<10	<10	15	<10	13	
S408121		0.04	<10	<10	35	<10	17	
S408122		0.14	<10	<10	121	<10	45	
S408123		0.07	<10	<10	66	<10	23	
S408124		0.40	<10	<10	359	<10	96	
S408125		0.47	<10	<10	344	<10	132	
S408126		0.74	<10	<10	351	<10	108	
S408127		0.77	<10	<10	361	<10	111	
S408128		0.04	<10	<10	67	<10	11	
S408129		0.06	<10	<10	13	<10	14	
S408130		<0.01	<10	<10	1	<10	3	
S408131		0.52	10	<10	123	<10	98	
S408132		0.14	<10	<10	213	<10	23	
S408133		0.76	<10	<10	352	<10	141	
S408134		0.01	<10	<10	6	<10	6	
V702640		0.51	10	<10	137	<10	93	
V702641		1.50	<10	<10	8	<10	129	
V702642		1.40	<10	<10	11	<10	464	
V702643		1.11	10	<10	24	<10	56	
V702644		1.36	<10	<10	9	<10	65	
V702645		1.35	<10	<10	7	<10	56	
V702646		1.27	10	<10	15	<10	59	
V702647		1.36	<10	<10	14	<10	53	
V702648		1.30	<10	<10	10	<10	72	
V702649		1.13	<10	<10	60	<10	269	
V702650		1.46	10	<10	23	<10	364	
V702651		1.24	<10	<10	9	<10	56	
V702652		1.35	<10	<10	24	<10	51	
V702653		1.20	10	<10	6	<10	56	
V702654		1.11	10	<10	29	<10	335	
V702655		1.31	<10	<10	11	<10	72	
V702656		1.06	<10	<10	75	<10	52	
V702657		0.36	10	<10	41	<10	21	
V702658		1.23	<10	<10	6	<10	63	
V702659		1.27	<10	<10	6	<10	59	
V702660		0.36	<10	<10	139	40	281	

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CERTIFICAT D'ANALYSE VO17127224

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.

Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61	ME- OG62	Zn- OG62

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
25- AOUT- 2017
Compte: MIDEXP

CERTIFICAT VO17141752

Projet: Willbob Project

Ce rapport s'applique aux 87 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 7- JUIL- 2017.

Les résultats sont transmis à:

MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

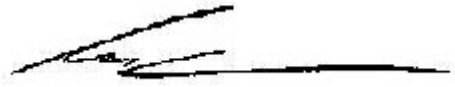
CODE ALS	DESCRIPTION	INSTRUMENT
Zn- OG62	Teneur marchande Zn - quatre acides	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: MARIO MASSON
210, 9E RUE
BUREAU 107
ROUYN- NORANDA QC J9X 2C2

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141752

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408093		0.60	0.009		<0.5	8.79	21	280	<0.5	<2	1.72	<0.5	36	199	24	
S408094		0.72	<0.005		<0.5	5.34	<5	110	<0.5	<2	1.86	<0.5	17	25	1	
S408095		0.66	0.005		<0.5	6.10	<5	30	<0.5	3	3.41	0.6	47	4	364	
S408096		0.80	0.005		<0.5	8.29	74	110	2.8	2	0.25	<0.5	132	95	271	
S408097		0.54	4.42	3.14	<0.5	2.53	>10000	110	0.6	<2	0.32	<0.5	6	29	3	
S408098		0.78	0.781		<0.5	0.84	>10000	60	0.5	<2	0.14	<0.5	8	48	3	
S408099		0.80	0.456		<0.5	7.25	>10000	130	1.0	<2	0.66	<0.5	14	33	1	
S408100		0.14	4.05	3.95	0.7	6.81	70	580	0.8	<2	2.50	1.0	17	61	146	
S408199		0.34	0.031		1.1	3.17	104	20	<0.5	<2	1.00	0.5	22	184	515	
S408200		0.80	0.739		<0.5	6.53	>10000	130	0.9	<2	0.79	<0.5	11	14	2	
S408201		0.50	<0.005		<0.5	4.22	48	200	1.1	<2	5.57	0.6	7	32	3	
S408202		0.64	0.006		<0.5	0.05	27	10	<0.5	<2	0.02	<0.5	5	35	93	
S408203		0.74	0.009		<0.5	1.23	9	20	<0.5	<2	1.23	<0.5	26	17	433	
S408204		0.80	<0.005		<0.5	0.01	<5	<10	<0.5	<2	0.04	<0.5	4	35	80	
S408205		0.48	0.011		<0.5	5.01	<5	200	0.8	5	0.36	<0.5	29	66	586	
S408206		0.88	0.006		<0.5	3.36	<5	70	<0.5	4	0.19	<0.5	66	41	637	
S408207		0.50	0.007		<0.5	7.50	12	20	<0.5	<2	5.09	0.8	50	11	336	
S408208		0.64	0.005		<0.5	7.72	<5	30	<0.5	7	3.66	0.8	46	2	1430	
S408209		0.54	<0.005		<0.5	7.50	<5	10	<0.5	<2	2.82	0.5	40	662	85	
S408210		0.76	<0.005		<0.5	7.02	<5	320	0.5	<2	3.75	<0.5	15	141	85	
S408211		0.40	0.010		<0.5	4.14	<5	60	<0.5	6	2.82	0.8	20	51	541	
S408212		0.48	<0.005		<0.5	2.85	15	<10	<0.5	<2	5.17	<0.5	26	91	149	
S408213		0.52	0.006		<0.5	7.32	5	30	<0.5	5	5.36	0.7	19	180	111	
S408214		0.58	<0.005		<0.5	3.16	19	10	<0.5	<2	3.48	<0.5	21	100	66	
S408215		0.78	<0.005		<0.5	3.97	<5	330	1.2	<2	2.39	<0.5	9	30	67	
S408216		0.56	<0.005		<0.5	3.66	9	220	0.7	<2	0.21	<0.5	8	48	12	
S408217		0.88	0.069		<0.5	4.41	7600	600	1.9	<2	1.19	<0.5	11	40	4	
S408218		0.62	0.023		<0.5	3.86	19	410	1.5	<2	0.78	<0.5	5	39	18	
S408219		0.78	0.049		<0.5	7.08	4650	500	1.9	2	0.50	<0.5	9	52	45	
S408220		0.58	<0.005		<0.5	8.07	13	860	1.2	<2	3.35	<0.5	19	91	48	
S408221		0.62	0.029		<0.5	6.27	2020	330	1.5	<2	0.85	<0.5	9	13	6	
S408222		0.68	<0.005		<0.5	6.17	29	440	1.5	<2	0.38	<0.5	15	15	38	
S408223		0.42	<0.005		<0.5	6.76	5	450	1.5	3	1.68	<0.5	18	19	69	
S408224		0.50	<0.005		<0.5	7.34	<5	450	1.7	<2	2.22	<0.5	20	83	89	
S408225		0.48	<0.005		<0.5	6.39	<5	210	1.2	<2	1.51	<0.5	59	12	249	
S408226		0.64	<0.005		<0.5	3.89	<5	20	<0.5	<2	0.48	<0.5	17	71	24	
S408227		0.48	<0.005		<0.5	7.06	<5	30	<0.5	5	7.05	0.5	47	171	137	
S408228		0.56	0.008		<0.5	7.42	44	10	<0.5	7	5.16	0.6	44	92	97	
S408229		0.56	<0.005		<0.5	8.15	37	50	<0.5	<2	4.52	<0.5	45	104	60	
S408230		0.58	0.008		<0.5	5.18	9	70	<0.5	<2	2.93	<0.5	17	69	29	

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Finalisée date:
25- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141752

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S408093		6.67	20	3.41	<10	4.34	1105	<1	0.07	168	180	2	0.01	<5	34	15
S408094		5.08	10	0.55	<10	2.51	1125	1	1.98	24	60	24	<0.01	<5	28	29
S408095		12.35	20	0.13	<10	3.87	1580	1	0.52	60	360	<2	1.37	<5	54	78
S408096		9.16	20	0.36	<10	1.36	2100	1	4.28	30	200	4	1.38	<5	11	49
S408097		2.12	10	0.28	<10	0.09	301	3	1.74	3	160	10	0.65	<5	4	27
S408098		2.76	<10	0.15	10	0.05	125	4	0.47	4	560	9	1.20	<5	3	14
S408099		3.78	10	0.32	10	0.12	514	4	6.00	6	820	19	1.58	11	7	108
S408100		5.23	10	1.13	10	1.53	852	8	2.24	41	730	45	0.14	<5	16	268
S408199		4.04	10	0.11	<10	2.81	625	2	0.43	115	80	8	0.05	<5	13	13
S408200		3.57	10	0.37	20	0.17	559	3	5.23	7	1070	5	1.30	<5	8	98
S408201		5.22	10	1.13	20	4.47	4620	<1	0.90	15	360	<2	<0.01	<5	5	102
S408202		1.37	<10	0.02	<10	0.01	97	3	0.01	8	10	2	0.41	<5	<1	1
S408203		6.94	<10	0.08	20	0.68	673	1	0.01	31	2980	4	1.36	<5	2	22
S408204		1.16	<10	<0.01	<10	0.01	102	3	0.01	6	10	<2	0.23	<5	<1	1
S408205		15.35	10	1.18	30	1.88	742	9	0.04	53	870	<2	1.87	<5	9	17
S408206		16.55	10	0.39	20	1.71	450	5	0.01	90	1010	<2	2.51	<5	6	10
S408207		10.70	10	0.03	<10	4.79	1775	<1	1.86	69	250	<2	0.12	<5	47	54
S408208		14.25	20	0.04	<10	3.68	1340	<1	2.38	41	430	<2	0.44	<5	45	52
S408209		5.38	10	0.04	<10	7.28	852	<1	2.06	177	60	<2	0.01	<5	24	20
S408210		7.33	20	1.31	10	5.67	862	<1	2.69	46	340	<2	1.75	<5	41	37
S408211		19.45	10	0.26	30	3.12	534	15	2.70	121	370	7	>10.0	<5	14	42
S408212		5.03	10	0.01	<10	2.04	715	2	0.51	60	330	<2	0.67	<5	18	23
S408213		8.97	20	0.13	<10	4.92	1075	<1	2.53	35	370	3	0.66	<5	50	117
S408214		4.58	10	0.02	<10	2.07	625	2	0.69	37	170	<2	0.17	<5	20	22
S408215		3.87	10	1.29	10	0.48	867	1	1.19	4	350	<2	0.57	<5	13	93
S408216		3.61	10	1.14	10	0.90	601	3	0.75	22	70	<2	0.16	<5	6	18
S408217		4.10	20	1.54	20	0.58	778	2	0.95	6	190	<2	0.39	<5	12	51
S408218		3.91	20	1.09	10	0.47	753	1	1.03	5	210	<2	0.25	<5	10	45
S408219		5.70	20	1.36	20	0.74	876	2	3.21	10	380	7	0.67	<5	16	97
S408220		4.95	20	1.37	20	1.87	517	1	2.92	42	960	11	0.09	<5	14	773
S408221		3.70	20	1.05	20	0.43	824	1	3.24	1	660	3	0.11	<5	20	79
S408222		4.00	20	1.37	20	0.30	625	1	3.13	<1	580	4	0.31	<5	18	77
S408223		7.93	20	1.86	20	1.18	1220	<1	1.98	5	910	<2	0.62	<5	19	90
S408224		8.19	20	1.53	10	1.58	1485	1	2.23	44	1100	<2	0.72	<5	37	150
S408225		5.49	20	1.01	10	0.51	583	1	3.67	3	1200	3	1.74	<5	26	82
S408226		5.56	10	0.05	<10	2.01	753	2	1.07	28	30	<2	0.03	<5	19	14
S408227		9.61	20	0.10	<10	4.18	1365	<1	2.15	100	490	<2	0.21	<5	41	78
S408228		9.23	20	0.02	<10	3.73	669	1	0.88	63	570	<2	0.63	<5	41	285
S408229		7.79	20	0.22	<10	2.62	668	<1	3.72	79	620	<2	1.55	<5	41	133
S408230		4.93	10	0.36	<10	2.03	601	1	1.99	34	350	<2	0.58	<5	21	56

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CERTIFICAT D'ANALYSE VO17141752

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408093		<20	0.37	10	<10	263	<10	58	
S408094		<20	0.32	<10	<10	150	<10	38	
S408095		<20	1.46	<10	<10	1090	<10	56	
S408096		<20	0.31	<10	<10	72	<10	202	
S408097		<20	0.14	<10	<10	9	<10	7	
S408098		<20	0.04	<10	<10	4	<10	4	
S408099		<20	0.25	<10	<10	5	<10	5	
S408100		<20	0.36	<10	<10	138	40	288	
S408199		<20	0.11	<10	<10	73	<10	63	
S408200		<20	0.22	<10	<10	7	<10	7	
S408201		<20	0.13	<10	<10	39	<10	68	
S408202		<20	<0.01	<10	<10	2	<10	<2	
S408203		<20	0.02	<10	<10	29	<10	24	
S408204		<20	<0.01	<10	<10	2	<10	<2	
S408205		<20	0.20	<10	<10	136	<10	54	
S408206		<20	0.13	<10	<10	95	<10	46	
S408207		<20	0.60	<10	<10	356	<10	110	
S408208		<20	0.89	<10	<10	819	<10	94	
S408209		<20	0.17	<10	<10	190	<10	54	
S408210		<20	0.60	10	<10	320	<10	82	
S408211		<20	0.34	<10	<10	169	<10	51	
S408212		<20	0.26	<10	<10	145	<10	46	
S408213		<20	0.73	<10	<10	377	<10	126	
S408214		<20	0.29	<10	<10	151	<10	33	
S408215		<20	0.23	<10	<10	33	<10	24	
S408216		<20	0.13	<10	<10	86	<10	50	
S408217		<20	0.20	<10	<10	40	<10	38	
S408218		<20	0.20	<10	<10	29	<10	36	
S408219		<20	0.34	<10	<10	45	<10	48	
S408220		<20	0.44	<10	<10	140	<10	91	
S408221		<20	0.33	<10	<10	5	<10	79	
S408222		<20	0.30	<10	<10	3	<10	59	
S408223		<20	0.60	<10	<10	32	<10	134	
S408224		<20	0.55	<10	<10	101	<10	110	
S408225		<20	0.49	<10	<10	6	<10	38	
S408226		<20	0.42	<10	<10	195	<10	64	
S408227		<20	0.80	<10	<10	374	<10	100	
S408228		<20	0.91	<10	<10	418	<10	42	
S408229		<20	1.01	10	<10	393	<10	68	
S408230		<20	0.58	<10	<10	226	<10	57	

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CERTIFICAT D'ANALYSE VO17141752

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408231		0.80	<0.005		<0.5	7.16	41	180	0.7	2	3.19	<0.5	32	102	63	
S408232		1.04	<0.005		<0.5	9.05	14	230	1.1	6	5.29	0.7	34	84	102	
S408233		0.90	0.035		<0.5	7.92	2080	450	1.3	9	0.91	<0.5	40	105	178	
S408234		0.76	<0.005		<0.5	5.84	12	800	0.9	<2	1.48	<0.5	3	39	5	
S408376		0.62	>10.0	19.95	1.0	4.23	164	50	<0.5	3	3.49	0.9	76	19	2340	
S408377		0.62	0.044		<0.5	6.67	42	60	<0.5	8	5.02	0.6	64	4	102	
S408378		0.66	0.018		<0.5	6.51	55	20	<0.5	<2	2.67	<0.5	91	33	153	
S408379		0.92	<0.005		<0.5	7.65	17	140	<0.5	4	6.26	0.6	58	36	299	
S408380		0.80	<0.005		<0.5	6.86	32	20	0.5	7	0.79	<0.5	62	8	283	
S408381		0.60	0.008		<0.5	8.25	28	40	<0.5	<2	8.32	0.6	49	69	512	
S408382		0.96	<0.005		<0.5	0.70	6	40	<0.5	<2	1.52	<0.5	31	113	122	
S408383		0.70	0.007		<0.5	4.36	31	120	0.5	<2	8.03	0.8	40	620	9	
S408384		0.84	0.213		6.1	3.61	<5	10	<0.5	<2	0.64	1.2	43	55	9060	
S408385		0.52	0.006		<0.5	7.76	<5	1250	1.1	<2	2.86	<0.5	25	113	112	
S408386		0.80	<0.005		<0.5	7.85	10	370	0.8	<2	6.58	0.6	28	177	53	
S408387		0.68	<0.005		<0.5	6.78	5	1240	1.7	<2	3.00	0.5	15	24	67	
S408388		0.58	<0.005		<0.5	4.81	33	170	<0.5	<2	4.58	<0.5	18	491	12	
S408389		0.46	0.005		<0.5	7.08	31	150	<0.5	<2	5.58	0.6	33	644	4	
S408390		0.80	<0.005		<0.5	5.06	15	190	<0.5	<2	3.47	<0.5	24	441	13	
S408391		0.72	<0.005		<0.5	2.73	5	30	<0.5	<2	2.74	<0.5	18	102	31	
S408392		0.62	0.937		7.3	0.69	34	10	<0.5	<2	0.17	6.6	30	114	9030	
S408393		0.50	0.034		3.7	1.72	66	40	<0.5	<2	1.64	7.1	30	328	5560	
S408394		0.68	0.144		29.1	7.29	<5	<10	<0.5	5	0.49	13.5	73	1420	>10000	3.16
S408395		0.46	0.032		1.8	3.33	<5	30	<0.5	<2	5.79	4.5	27	792	6260	
S408396		0.72	<0.005		<0.5	5.87	<5	640	1.2	<2	3.05	<0.5	21	44	154	
S408397		0.68	<0.005		<0.5	2.00	11	10	1.0	<2	13.40	<0.5	10	17	47	
S408408		0.52	<0.005		<0.5	3.92	9	10	<0.5	<2	3.52	<0.5	25	109	22	
S408409		0.64	0.005		<0.5	7.66	<5	580	2.4	4	0.47	<0.5	10	78	85	
S408410		0.70	0.237		1.1	5.43	64	10	<0.5	<2	6.25	0.6	50	27	364	
S408411		0.52	0.006		<0.5	5.58	34	20	<0.5	<2	5.93	1.8	33	28	152	
S408412		0.70	0.007		<0.5	0.22	11	20	<0.5	<2	0.28	<0.5	6	54	131	
S408413		0.70	0.006		<0.5	4.73	77	10	<0.5	<2	4.98	<0.5	30	564	146	
S408414		0.66	<0.005		1.7	3.18	12	140	0.5	<2	0.42	0.6	24	57	116	
S408415		0.54	<0.005		<0.5	9.21	<5	530	1.9	<2	0.60	<0.5	10	95	17	
S408416		0.70	0.005		<0.5	6.75	<5	620	1.3	<2	1.83	<0.5	12	110	29	
S408417		0.68	0.012		0.5	6.15	<5	10	<0.5	5	6.06	1.5	60	9	602	
S408418		0.56	0.053		5.0	1.33	7	10	<0.5	<2	3.56	3.7	19	41	7200	
S408419		0.62	0.006		<0.5	6.54	10	10	<0.5	4	5.92	1.0	36	18	458	
S408420		0.50	<0.005		<0.5	6.92	<5	940	1.0	3	2.37	<0.5	17	94	57	
S408421		0.60	0.072		5.2	5.90	<5	10	<0.5	4	8.33	1.9	22	19	5860	

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Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141752

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S408231		6.09	20	0.95	<10	2.33	512	1	2.65	51	560	<2	1.11	<5	37	69
S408232		7.93	30	1.24	<10	2.21	557	1	2.91	65	500	<2	2.14	<5	38	221
S408233		10.50	20	2.36	<10	5.56	611	7	0.03	50	820	3	3.07	<5	40	5
S408234		2.57	10	2.41	20	0.43	715	1	1.71	10	360	27	0.05	<5	5	218
S408376		12.00	10	0.21	<10	2.05	865	1	0.38	35	120	4	2.53	<5	36	33
S408377		13.45	20	0.13	<10	2.53	2320	1	1.86	<1	290	4	0.74	<5	54	157
S408378		7.10	20	0.08	<10	1.08	1050	2	3.67	42	830	6	1.17	<5	29	73
S408379		7.46	20	1.39	<10	4.99	1215	1	1.73	84	70	2	0.81	<5	43	118
S408380		14.60	20	0.07	<10	2.12	1715	1	2.37	8	860	24	2.30	<5	45	44
S408381		8.14	20	0.36	<10	4.71	1305	<1	1.55	123	220	<2	0.33	<5	35	153
S408382		2.67	<10	0.24	<10	0.63	654	4	0.04	327	30	3	0.47	<5	4	22
S408383		8.39	10	0.74	<10	5.55	2330	<1	0.16	330	130	<2	0.01	<5	46	108
S408384		9.15	10	0.03	10	2.89	562	4	0.01	39	710	4	0.85	<5	6	10
S408385		6.13	20	1.94	30	2.18	623	2	2.32	60	1170	12	0.13	<5	19	557
S408386		7.54	20	2.52	<10	3.91	2110	<1	0.87	177	300	<2	0.02	<5	31	109
S408387		1.83	20	5.16	150	1.33	411	4	2.21	24	2380	7	0.61	<5	10	217
S408388		2.80	10	1.03	<10	2.22	926	2	1.18	78	80	<2	0.01	<5	22	77
S408389		5.06	10	1.79	<10	4.62	1135	<1	0.56	163	100	<2	0.01	<5	40	52
S408390		3.96	10	0.77	<10	3.46	869	2	1.08	117	90	<2	<0.01	<5	25	40
S408391		2.97	10	0.20	<10	2.50	824	2	0.20	56	60	3	0.02	<5	16	15
S408392		4.64	<10	0.02	<10	0.69	250	4	0.02	29	10	2	1.53	<5	1	2
S408393		3.28	<10	0.10	<10	1.71	508	3	0.22	195	30	<2	0.79	<5	10	13
S408394		17.30	10	<0.01	<10	9.07	877	1	<0.01	500	160	<2	2.65	<5	46	4
S408395		5.60	10	0.09	<10	4.24	1165	2	0.30	131	90	2	0.59	<5	30	30
S408396		3.75	20	2.37	20	2.32	1180	8	1.77	37	280	21	1.09	<5	5	159
S408397		1.57	10	0.02	20	14.95	683	<1	0.03	13	530	<2	0.12	<5	3	25
S408408		5.98	10	0.03	<10	2.65	957	2	0.70	43	240	<2	0.09	<5	24	78
S408409		6.40	20	2.96	30	1.22	1405	1	1.33	31	550	<2	1.35	<5	11	66
S408410		7.08	20	0.04	10	1.45	827	5	0.04	16	460	6	0.51	<5	13	62
S408411		4.86	10	0.10	<10	2.72	866	1	1.70	38	270	<2	0.03	<5	25	60
S408412		1.97	<10	0.11	<10	0.06	106	4	0.01	7	1180	6	1.19	<5	<1	8
S408413		4.59	10	0.01	<10	4.37	748	2	1.13	124	100	<2	0.02	<5	27	30
S408414		5.84	10	0.77	20	1.09	394	4	0.10	50	150	1125	1.76	<5	3	43
S408415		5.42	20	3.44	40	1.37	461	<1	1.07	28	610	17	0.08	<5	12	77
S408416		3.68	10	1.97	20	1.18	437	1	2.60	43	650	16	0.02	<5	11	270
S408417		13.60	20	0.06	<10	2.90	2290	1	0.23	<1	330	143	0.13	<5	45	98
S408418		3.79	<10	0.02	<10	0.70	571	3	0.46	33	90	100	0.45	<5	10	23
S408419		8.33	10	0.01	<10	5.17	1500	<1	1.06	79	190	<2	0.02	<5	49	44
S408420		5.09	20	1.73	30	1.62	558	2	2.06	40	830	11	0.07	<5	16	452
S408421		9.00	20	0.02	<10	3.16	1175	7	0.05	22	180	8	0.56	<5	30	114

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date:
25- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141752

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408231		<20	0.91	<10	<10	387	<10	51	
S408232		<20	0.85	<10	<10	414	<10	43	
S408233		<20	1.06	<10	<10	463	<10	142	
S408234		<20	0.17	<10	<10	35	<10	29	
S408376		<20	0.61	<10	<10	782	<10	84	
S408377		<20	1.26	<10	<10	503	<10	72	
S408378		<20	0.57	<10	<10	197	<10	28	
S408379		<20	0.36	<10	<10	273	<10	35	
S408380		<20	0.93	<10	<10	258	<10	111	
S408381		<20	0.32	<10	<10	219	<10	44	
S408382		<20	0.01	<10	<10	25	<10	7	
S408383		<20	0.11	<10	<10	207	<10	65	
S408384		<20	0.04	<10	<10	80	<10	88	
S408385		<20	0.56	<10	<10	162	<10	116	
S408386		<20	0.25	<10	<10	241	<10	52	
S408387		<20	0.47	<10	<10	64	<10	153	
S408388		<20	0.05	<10	<10	111	<10	12	
S408389		<20	0.14	<10	<10	177	<10	30	
S408390		<20	0.06	<10	<10	116	<10	30	
S408391		<20	0.06	<10	<10	76	<10	43	
S408392		<20	0.01	<10	<10	16	<10	105	
S408393		<20	0.05	10	<10	57	<10	90	
S408394		<20	0.12	<10	<10	275	<10	426	
S408395		<20	0.16	<10	<10	137	<10	126	
S408396		<20	0.20	<10	<10	59	<10	32	
S408397		<20	0.09	10	<10	23	<10	30	
S408408		<20	0.39	<10	<10	202	<10	91	
S408409		<20	0.28	<10	<10	76	<10	61	
S408410		<20	0.31	<10	<10	69	<10	31	
S408411		<20	0.40	<10	<10	190	<10	127	
S408412		<20	0.01	<10	<10	9	<10	6	
S408413		<20	0.19	10	<10	142	<10	45	
S408414		<20	0.04	<10	<10	19	<10	102	
S408415		<20	0.16	<10	<10	67	<10	107	
S408416		<20	0.33	<10	<10	83	<10	75	
S408417		<20	0.99	10	<10	610	<10	269	
S408418		<20	0.12	<10	<10	48	<10	90	
S408419		<20	0.35	<10	<10	267	<10	94	
S408420		<20	0.46	<10	<10	124	<10	90	
S408421		<20	0.23	<10	<10	211	<10	120	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
25- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141752

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408422		1.02	<0.005		<0.5	2.69	<5	200	<0.5	14	6.43	1.9	105	28	439	
S408423		0.66	1.735		40.4	6.06	<5	80	0.8	7	5.49	19.3	33	10	>10000	8.78
S408424		0.66	0.016		<0.5	2.83	<5	260	<0.5	11	6.23	1.7	98	25	1530	
S408425		0.80	0.065		2.4	2.39	34	<10	<0.5	5	6.09	3.2	186	17	5770	
S408426		0.70	0.030		<0.5	2.18	<5	20	<0.5	<2	6.84	1.3	219	30	2410	
S408427		0.64	0.038		1.1	5.39	<5	10	<0.5	<2	6.31	0.9	23	25	1895	
S408428		0.56	0.040		1.3	5.03	<5	10	<0.5	<2	7.10	85.3	73	45	2560	

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S408422		22.5	20	0.73	<10	4.26	2680	<1	0.16	113	230	<2	1.83	<5	41	14
S408423		17.30	10	0.06	<10	2.04	1765	4	0.07	28	100	48	8.32	<5	20	127
S408424		19.95	10	0.95	<10	5.26	2880	1	0.19	93	220	3	0.46	<5	39	9
S408425		16.40	10	0.03	<10	6.76	2360	2	0.11	599	110	4	1.88	<5	46	5
S408426		15.80	10	0.09	<10	7.91	2550	11	0.11	312	100	5	3.42	<5	44	7
S408427		7.32	20	0.03	<10	2.82	1235	14	0.22	15	120	10	0.37	<5	27	75
S408428		7.64	20	0.01	<10	2.37	842	9	0.11	70	80	67	1.71	<5	18	105

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CERTIFICAT D'ANALYSE VO17141752

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408422		<20	2.33	<10	<10	2070	<10	121	
S408423		<20	0.13	<10	<10	159	<10	704	
S408424		<20	1.12	<10	<10	924	<10	150	
S408425		<20	0.41	10	<10	316	<10	193	
S408426		<20	0.37	<10	<10	275	<10	101	
S408427		<20	0.18	<10	<10	197	<10	95	
S408428		<20	0.12	<10	<10	108	<10	>10000	2.15

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25- AOUT- 2017
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Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17141752

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
Cu- OG62	LOG- 22	LOG- 24	ME- ICP61
ME- OG62	PUL- 32	PUL- QC	SPL- 21
WEI- 21	Zn- OG62		

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À: EXPLORATION MIDLAND INC
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Finalisée date: 26- JUIL- 2017
Compte: MIDEXP

CERTIFICAT VO17144890

Projet: Willbob project

Ce rapport s'applique aux 49 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- JUIL- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE	MARIO MASSON	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION MIDLAND INC
ATTN: JEAN- FRANÇOIS LARIVIÈRE
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION MIDLAND INC
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Finalisée date: 26- JUIL- 2017
Compte: MIDEXP

Projet: Willbob project

CERTIFICAT D'ANALYSE VO17144890

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	Au- ICP21 Au ppm 0.001
S408248		0.69	<0.005		0.003
S408249		0.70	0.035		0.027
S408250		0.64	<0.005		0.002
S408251		0.52	<0.005		0.004
S408252		0.57	<0.005		0.001
S408256		0.76	<0.005		0.003
S408257		0.62	<0.005		0.002
S408258		0.72	<0.005		0.002
S408259		0.70	<0.005		0.002
S408260		0.54	<0.005		0.001
S408280		0.11	3.69	4.00	3.89
S408281		0.55	0.005		0.004
S408282		0.30	<0.005		0.001
S408283		0.45	<0.005		<0.001
S408284		0.59	<0.005		0.001
S408285		0.67	<0.005		<0.001
S408286		0.61	<0.005		0.001
S408287		0.91	0.005		0.002
S408288		0.55	<0.005		<0.001
S408289		0.67	<0.005		0.003
S408290		0.70	0.028		<0.001
S408291		0.55	0.005		0.002
S408292		0.65	0.008		0.007
S408293		0.70	<0.005		0.006
S408294		0.65	0.006		0.007
S408429		0.56	0.030		0.029
S408430		0.54	<0.005		0.002
S408431		0.73	<0.005		0.001
S408432		0.62	0.005		0.004
S408433		0.51	0.005		0.001
S408434		0.64	<0.005		0.001
S408435		0.58	<0.005		0.006
S408447		0.72	0.040		0.020
S408448		0.74	<0.005		0.004
S408449		0.65	<0.005		<0.001
S408450		0.77	<0.005		0.003
S408451		0.62	0.044		0.024
S408455		0.62	<0.005		0.002
S408456		0.52	<0.005		0.001
S408457		0.54	<0.005		0.004

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 26- JUIL- 2017
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Projet: Willbob project

CERTIFICAT D'ANALYSE VO17144890

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	Au- ICP21 Au ppm 0.001
S408458		0.71	<0.005		0.002
S408459		0.63	0.075		0.032
S408460		0.47	0.029		0.006
S408461		0.63	0.011		0.008
S408469		0.68	0.072		0.071
S408470		0.47	0.013		0.012
S408471		0.83	0.016		0.010
S408472		0.69	0.012		0.035
S408473		0.96	0.006		0.002

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Finalisée date: 26- JUIL- 2017
Compte: MIDEXP

Projet: Willbob project

CERTIFICAT D'ANALYSE VO17144890

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	PUL- 32	PUL- QC
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au- ICP21

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132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
16- AOUT- 2017
Compte: MIDEXP

CERTIFICAT VO17149346

Projet: Willbob Project

Ce rapport s'applique aux 75 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIL- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Pb- OG62	Teneur marchande Pb - quatre acides	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17149346

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408295		0.71	0.033		<0.5	1.68	<5	20	<0.5	<2	0.12	<0.5	<1	18	2	
S408296		0.68	<0.005		<0.5	2.13	<5	190	1.5	<2	0.25	<0.5	3	28	1	
S408297		0.59	<0.005		<0.5	1.76	<5	170	0.7	<2	0.31	<0.5	2	39	1	
S408298		0.78	<0.005		<0.5	5.88	<5	70	1.6	<2	3.40	<0.5	3	21	25	
S408299		0.80	2.49		<0.5	6.10	<5	60	0.5	<2	2.01	<0.5	11	8	26	
S408300		0.64	<0.005		<0.5	7.94	<5	1050	1.1	<2	2.59	<0.5	21	94	58	
S408301		0.52	<0.005		<0.5	8.85	12	730	3.3	<2	0.08	<0.5	7	62	32	
S408302		0.60	<0.005		<0.5	1.01	27	30	<0.5	<2	0.97	0.6	15	21	121	
S408303		0.61	0.023		<0.5	5.04	<5	60	1.0	<2	1.44	<0.5	2	15	8	
S408304		0.63	>10.0	32.7	0.7	5.46	<5	160	1.0	<2	0.08	3.8	5	13	42	
S408305		0.56	0.087		<0.5	5.94	<5	120	1.1	<2	1.36	<0.5	3	15	10	
S408306		0.69	0.067		<0.5	6.17	164	120	1.6	<2	0.16	<0.5	2	8	5	
S408326		0.64	0.006		<0.5	7.56	7	<10	<0.5	<2	2.58	0.5	48	116	546	
S408327		0.54	<0.005		1.7	0.36	<5	<10	<0.5	<2	0.16	0.9	3	29	4640	
S408328		0.61	0.007		<0.5	6.89	8	<10	<0.5	<2	8.47	1.1	65	397	1335	
S408329		0.53	0.032		1.4	1.65	6	<10	<0.5	<2	0.91	0.8	21	50	3940	
S408330		0.53	0.056		2.8	0.19	<5	<10	<0.5	<2	0.79	3.0	3	28	5720	
S408331		0.68	1.825		<0.5	4.66	<5	90	<0.5	3	2.88	<0.5	57	27	262	
S408332		0.62	0.090		<0.5	2.02	<5	10	<0.5	<2	22.7	0.7	28	6	176	
S408333		0.87	0.262		<0.5	5.10	15	70	<0.5	3	2.60	<0.5	162	12	376	
S408334		0.59	0.041		<0.5	0.89	<5	<10	<0.5	<2	0.26	<0.5	21	20	413	
S408335		0.79	2.35		<0.5	2.89	<5	<10	<0.5	<2	3.33	<0.5	9	14	32	
S408336		0.77	<0.005		<0.5	4.61	9	10	<0.5	<2	3.73	<0.5	37	9	240	
S408337		0.52	0.005		<0.5	8.75	15	30	0.5	<2	2.47	0.9	31	24	692	
S408338		0.61	0.008		<0.5	6.94	14	10	<0.5	<2	5.46	0.9	65	8	421	
S408339		0.71	<0.005		<0.5	3.82	<5	<10	<0.5	2	2.58	0.6	43	594	209	
S408340		0.11	4.07	3.88	0.6	7.07	29	610	0.8	<2	2.48	0.9	17	66	149	
S408341		0.76	0.009		<0.5	1.62	12	<10	<0.5	<2	6.58	<0.5	18	218	28	
S408342		0.58	0.275		6.3	1.21	<5	10	<0.5	<2	32.8	12.6	15	56	2030	
S408343		0.74	0.019		2.0	4.38	14	30	<0.5	<2	7.18	5.5	59	662	2850	
S408344		0.65	<0.005		<0.5	0.03	<5	<10	<0.5	<2	0.54	<0.5	1	40	35	
S408345		0.73	<0.005		<0.5	7.89	14	730	0.9	<2	3.55	0.7	45	25	45	
S408346		0.62	0.034		7.8	3.56	9	30	<0.5	<2	1.14	5.4	17	226	363	
S408347		0.64	<0.005		<0.5	4.03	7	300	<0.5	<2	6.32	0.5	15	41	423	
S408348		0.75	0.005		<0.5	5.76	57	60	<0.5	<2	6.01	<0.5	40	224	1080	
S408349		0.89	<0.005		<0.5	6.74	<5	20	<0.5	<2	0.78	3.7	52	379	437	
S408350		0.59	<0.005		<0.5	8.08	5	320	<0.5	<2	2.09	0.8	36	522	339	
S408474		0.69	<0.005		<0.5	7.49	<5	20	<0.5	<2	8.21	0.6	49	159	178	
S408475		0.62	<0.005		<0.5	0.62	<5	10	<0.5	<2	0.58	<0.5	6	26	185	
S408476		0.83	<0.005		<0.5	7.19	<5	10	<0.5	<2	9.32	<0.5	93	155	821	

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1
S408295		0.93	10	0.05	<10	0.03	215	<1	1.31	1	170	60		0.02	<5	1
S408296		2.45	10	0.63	<10	0.34	564	<1	0.29	5	50	4		<0.01	<5	2
S408297		1.16	10	0.52	10	0.13	251	<1	0.65	4	50	2		<0.01	<5	3
S408298		3.13	20	0.17	10	0.50	957	<1	3.89	<1	490	7		0.07	<5	18
S408299		7.23	20	0.20	10	0.19	1125	<1	3.94	<1	780	7		0.98	<5	16
S408300		5.99	20	1.73	30	1.87	853	1	2.37	52	1050	18		0.12	<5	22
S408301		3.60	20	3.64	30	0.66	344	1	1.93	17	540	47		0.03	<5	13
S408302		7.56	<10	0.09	10	1.07	4680	1	0.02	10	300	9		1.94	<5	1
S408303		3.21	10	0.22	20	0.12	701	<1	3.81	1	190	2		0.15	<5	10
S408304		2.91	10	0.26	20	0.01	71	1	4.35	<1	130	3		1.28	<5	5
S408305		4.58	20	0.42	30	0.28	908	1	3.79	1	260	2		0.11	<5	14
S408306		5.02	20	0.24	10	0.29	703	<1	3.69	<1	350	<2		0.03	<5	16
S408326		8.18	10	0.01	<10	4.24	1300	<1	2.62	172	260	<2		0.05	<5	14
S408327		1.68	<10	0.01	<10	0.29	167	<1	0.03	18	20	3		0.55	<5	<1
S408328		8.81	10	0.01	<10	5.24	1745	<1	1.26	253	240	<2		0.05	<5	9
S408329		3.91	<10	0.01	<10	2.04	533	<1	0.11	91	80	2		0.39	<5	3
S408330		1.60	<10	<0.01	<10	0.14	132	<1	0.01	8	10	4		0.71	<5	<1
S408331		13.50	20	0.19	30	1.36	1885	<1	1.32	4	6550	<2		0.89	<5	24
S408332		5.37	10	0.03	10	0.52	1750	<1	0.57	<1	2650	2		0.56	<5	12
S408333		16.40	20	0.15	20	1.15	1535	<1	1.86	16	5410	<2		3.89	<5	21
S408334		4.34	10	<0.01	<10	0.29	261	<1	0.14	3	160	2		0.85	<5	6
S408335		6.85	10	0.01	<10	0.78	877	<1	0.75	1	430	<2		0.20	<5	18
S408336		5.73	10	0.04	30	1.11	785	<1	1.92	14	60	<2		0.13	<5	14
S408337		7.08	20	0.13	<10	2.65	1125	<1	4.50	44	260	<2		0.08	<5	35
S408338		13.50	20	0.06	<10	4.10	1750	<1	1.58	95	170	<2		0.12	<5	59
S408339		4.95	10	0.01	<10	5.22	880	<1	0.02	206	70	8		0.03	<5	33
S408340		5.27	20	1.11	10	1.53	883	8	2.22	45	770	47		0.14	<5	16
S408341		2.80	<10	0.13	<10	3.26	837	<1	0.10	91	20	7		0.01	<5	14
S408342		1.30	<10	0.01	<10	0.97	341	<1	0.44	72	10	>10000	1.905	0.41	<5	3
S408343		6.54	10	0.07	<10	8.64	1150	<1	1.93	328	70	879		0.24	<5	41
S408344		5.12	<10	<0.01	<10	0.70	1535	<1	0.01	7	50	58		0.02	<5	<1
S408345		8.47	30	2.07	20	2.20	1170	<1	2.48	50	1540	24		1.49	<5	18
S408346		3.37	10	0.07	<10	2.55	577	<1	1.35	62	60	>10000	1.310	0.24	8	22
S408347		5.52	10	0.92	<10	1.99	1595	<1	1.41	21	250	33		0.10	<5	26
S408348		4.38	10	0.15	10	2.58	1210	<1	2.34	65	590	20		0.11	<5	22
S408349		16.00	20	0.06	<10	6.46	2360	<1	0.28	88	150	<2		0.65	<5	16
S408350		14.35	30	0.86	<10	5.98	2220	<1	0.31	80	330	6		0.38	<5	31
S408474		9.67	20	0.08	<10	3.64	1435	<1	1.49	103	400	9		0.27	<5	47
S408475		1.20	<10	0.02	<10	0.28	194	<1	0.08	12	300	3		0.04	<5	1
S408476		10.30	30	0.02	<10	1.56	1265	1	0.02	134	440	2		1.64	<5	46

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CERTIFICAT D'ANALYSE VO17149346

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S408295		26	<20	0.08	<10	<10	1	<10	5
S408296		21	<20	0.03	<10	<10	21	<10	18
S408297		23	<20	0.07	<10	<10	14	10	7
S408298		42	<20	0.36	<10	<10	3	<10	30
S408299		92	<20	0.40	<10	<10	3	<10	48
S408300		514	<20	0.48	<10	<10	133	<10	103
S408301		70	<20	0.30	<10	<10	111	<10	85
S408302		19	<20	0.03	<10	<10	9	<10	80
S408303		79	<20	0.19	<10	<10	1	<10	26
S408304		101	<20	0.27	<10	<10	2	<10	361
S408305		96	<20	0.27	<10	<10	1	<10	45
S408306		45	<20	0.33	<10	<10	2	<10	37
S408326		30	<20	0.44	<10	<10	196	<10	134
S408327		1	<20	0.01	<10	<10	10	<10	26
S408328		34	<20	0.40	<10	<10	169	<10	154
S408329		5	<20	0.04	<10	<10	45	<10	65
S408330		2	<20	<0.01	<10	<10	4	<10	78
S408331		31	<20	1.59	<10	<10	36	<10	94
S408332		93	<20	0.61	<10	<10	35	<10	35
S408333		41	<20	1.48	<10	<10	39	<10	78
S408334		3	<20	0.11	<10	<10	18	<10	20
S408335		33	<20	1.07	<10	<10	42	<10	53
S408336		37	<20	0.37	<10	<10	355	<10	52
S408337		28	<20	0.74	<10	<10	318	<10	105
S408338		86	<20	1.23	<10	<10	1220	<10	138
S408339		10	<20	0.14	<10	<10	128	<10	84
S408340		278	<20	0.37	<10	<10	143	40	295
S408341		62	<20	0.04	<10	<10	42	<10	44
S408342		60	<20	0.01	<10	<10	19	<10	37
S408343		26	<20	0.18	<10	<10	165	<10	140
S408344		3	<20	<0.01	<10	<10	2	<10	2
S408345		252	<20	0.87	<10	<10	227	<10	146
S408346		14	<20	0.15	<10	<10	106	<10	48
S408347		214	<20	0.20	<10	<10	177	<10	49
S408348		40	<20	0.35	<10	<10	89	<10	147
S408349		36	<20	0.35	<10	<10	258	<10	699
S408350		85	<20	0.55	<10	<10	390	<10	438
S408474		116	<20	0.75	<10	<10	391	<10	103
S408475		11	<20	0.01	<10	<10	25	<10	11
S408476		87	<20	0.76	<10	<10	361	<10	70

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408477		0.57	0.022		<0.5	6.46	<5	150	<0.5	2	7.41	<0.5	34	105	138	
S408478		0.85	<0.005		<0.5	3.33	<5	100	<0.5	<2	8.27	0.5	12	42	231	
S408494		0.83	<0.005		<0.5	5.95	<5	220	0.7	2	5.45	<0.5	24	10	76	
S408495		0.77	<0.005		<0.5	4.21	<5	10	<0.5	<2	4.15	<0.5	40	11	141	
S408496		0.85	<0.005		<0.5	7.40	<5	10	<0.5	3	6.53	0.7	47	10	185	
S408497		0.83	0.012		1.7	3.90	5	20	<0.5	<2	2.51	2.5	40	131	4750	
S408498		0.93	0.130		2.2	2.66	<5	10	<0.5	<2	2.98	3.3	25	172	6600	
S408499		0.64	<0.005		<0.5	9.61	<5	10	<0.5	<2	9.22	<0.5	29	54	116	
S408500		0.62	<0.005		<0.5	7.93	<5	1100	1.4	2	3.32	<0.5	25	124	46	
S408501		0.65	<0.005		<0.5	1.27	<5	10	<0.5	<2	0.23	<0.5	1	29	17	
S408502		0.69	0.077		1.9	5.44	6	<10	<0.5	<2	0.85	1.5	36	11	2230	
S408503		1.02	<0.005		<0.5	6.75	9	10	<0.5	5	4.80	0.9	72	4	445	
S408504		0.63	<0.005		<0.5	1.59	<5	120	<0.5	<2	0.30	<0.5	3	24	12	
S408505		0.82	<0.005		<0.5	2.00	29	60	<0.5	<2	1.59	0.8	24	63	657	
S408506		0.76	<0.005		<0.5	7.68	<5	320	1.0	<2	5.63	<0.5	68	111	99	
S408507		0.71	2.56		29.7	3.04	<5	10	<0.5	<2	10.90	35.2	52	22	>10000	4.96
S408508		0.73	6.63	6.23	12.3	0.22	<5	<10	<0.5	2	1.58	3.6	2	34	144	
S408509		0.66	0.018		<0.5	2.64	<5	20	<0.5	<2	2.23	0.8	16	39	1170	
S408510		0.82	0.006		<0.5	1.28	<5	140	<0.5	<2	0.51	<0.5	8	26	48	
S408511		0.84	0.015		<0.5	2.46	29	370	<0.5	<2	2.59	<0.5	15	44	193	
S408512		0.79	<0.005		<0.5	8.03	6	10	<0.5	<2	5.39	<0.5	45	131	168	
S408513		0.95	<0.005		<0.5	0.37	<5	<10	<0.5	<2	0.49	<0.5	4	42	20	
S408514		0.85	<0.005		<0.5	6.37	<5	490	1.1	<2	0.95	<0.5	32	10	382	
S408515		0.78	<0.005		<0.5	0.15	<5	<10	<0.5	<2	0.16	<0.5	14	44	131	
S408516		0.61	<0.005		<0.5	2.95	<5	250	0.7	<2	0.20	<0.5	13	35	91	
S408517		0.72	<0.005		<0.5	7.22	6	300	<0.5	18	1.42	6.4	21	446	122	
S408518		0.72	0.026		<0.5	2.14	121	70	<0.5	65	3.39	12.4	43	98	2100	
S408551		0.62	<0.005		<0.5	5.41	6	50	<0.5	<2	1.23	<0.5	12	348	147	
S408552		0.53	0.007		<0.5	7.43	26	10	<0.5	<2	2.03	6.3	46	1020	1185	
S408553		0.66	0.006		<0.5	4.30	13	20	<0.5	<2	5.46	5.7	28	527	435	
S408554		0.61	<0.005		<0.5	2.64	<5	180	0.6	<2	0.12	<0.5	4	45	113	
S408555		0.58	0.045		<0.5	4.49	<5	10	9.9	<2	7.48	<0.5	1	23	3	
S408556		0.74	<0.005		<0.5	0.28	<5	<10	<0.5	<2	0.43	<0.5	1	41	2	
S408557		0.65	0.012		<0.5	6.38	<5	40	0.5	<2	1.15	<0.5	9	10	1	
S408558		0.69	0.096		<0.5	3.48	25	100	<0.5	<2	0.50	<0.5	7	15	5	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date:
16- AOUT- 2017
Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17149346

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1
S408477		6.96	20	0.70	<10	2.18	1230	<1	0.11	65	290	<2		0.01	<5	32
S408478		1.94	10	0.09	<10	0.58	514	<1	0.15	22	80	3		0.03	<5	8
S408494		10.80	20	0.41	10	0.58	1600	<1	1.12	1	1780	3		0.53	<5	27
S408495		8.85	10	0.03	<10	2.53	1235	<1	0.73	29	220	<2		0.23	<5	35
S408496		12.90	20	0.05	<10	4.60	1740	<1	0.61	67	280	2		0.09	<5	66
S408497		5.05	10	0.08	<10	2.09	709	<1	0.74	106	130	<2		0.58	<5	14
S408498		3.73	10	0.06	<10	1.79	526	<1	0.47	62	110	<2		0.73	<5	16
S408499		6.26	20	0.01	<10	2.70	1100	<1	1.44	48	210	<2		0.06	<5	30
S408500		6.32	20	1.78	30	2.34	710	1	2.17	68	1230	16		0.11	<5	21
S408501		0.54	<10	0.04	<10	0.03	96	1	1.03	7	480	221		0.03	<5	<1
S408502		12.30	20	0.01	<10	3.50	1365	<1	0.07	67	80	<2		0.23	<5	27
S408503		13.40	20	0.09	<10	3.56	1555	<1	1.25	72	250	<2		0.40	<5	50
S408504		2.03	10	0.26	<10	0.36	221	<1	0.53	5	390	8		0.19	<5	3
S408505		2.04	10	0.18	<10	1.23	360	<1	0.41	37	30	6		0.06	<5	10
S408506		11.10	20	3.52	10	2.73	2270	<1	0.23	67	700	<2		0.17	<5	38
S408507		9.50	10	0.04	<10	2.80	1060	<1	0.05	144	30	3950		4.18	<5	4
S408508		0.75	<10	0.01	<10	0.15	175	<1	0.01	4	10	>10000	1.320	0.21	<5	<1
S408509		3.38	10	0.04	<10	1.81	597	<1	0.55	34	70	76		0.12	<5	20
S408510		2.01	<10	0.43	<10	0.19	478	<1	0.22	6	80	69		0.21	<5	1
S408511		2.28	10	0.55	<10	1.15	666	<1	0.13	37	40	3		0.02	<5	10
S408512		10.10	20	0.02	10	4.09	1695	<1	1.51	84	360	<2		0.63	<5	45
S408513		1.11	<10	<0.01	<10	0.33	254	<1	0.01	13	10	11		0.06	<5	1
S408514		6.66	20	1.44	<10	0.85	513	<1	2.39	16	890	2		3.23	<5	26
S408515		1.48	<10	0.01	<10	0.12	115	<1	0.01	17	10	6		0.54	<5	1
S408516		5.33	10	0.42	<10	0.50	733	<1	1.19	10	260	4		2.05	<5	3
S408517		9.44	10	1.03	<10	6.42	1810	<1	0.03	41	150	5		0.38	<5	26
S408518		2.53	<10	0.27	<10	1.14	617	<1	0.01	26	30	4		0.21	<5	7
S408551		7.68	20	0.16	<10	3.68	1245	<1	0.39	36	190	2		0.08	<5	29
S408552		9.58	20	0.02	<10	7.75	2020	<1	1.22	159	180	<2		0.10	<5	23
S408553		5.81	10	0.05	<10	3.99	1580	<1	0.15	73	90	4		0.05	<5	28
S408554		5.28	10	0.73	<10	0.70	949	1	0.05	9	80	10		0.15	<5	3
S408555		3.51	20	0.04	10	0.14	3920	<1	0.09	<1	520	3		<0.01	<5	9
S408556		0.99	<10	0.02	<10	0.06	202	<1	0.10	2	100	<2		<0.01	<5	2
S408557		8.29	20	0.17	10	0.87	1335	3	3.15	<1	790	2		<0.01	<5	19
S408558		5.54	10	0.31	10	0.31	766	<1	1.61	<1	850	5		0.03	<5	14

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Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17149346

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S408477		86	<20	0.51	<10	<10	271	<10	76
S408478		76	<20	0.12	<10	<10	74	<10	43
S408494		328	<20	0.79	<10	<10	10	<10	30
S408495		74	<20	0.71	<10	<10	526	<10	83
S408496		137	<20	1.16	<10	<10	986	<10	122
S408497		26	<20	0.20	<10	<10	104	<10	135
S408498		35	<20	0.17	<10	<10	97	<10	117
S408499		160	<20	0.40	<10	<10	240	<10	66
S408500		520	<20	0.61	<10	<10	174	<10	114
S408501		21	<20	0.01	<10	<10	2	<10	2
S408502		14	<20	0.29	<10	<10	785	<10	179
S408503		83	<20	1.23	<10	<10	1270	<10	130
S408504		22	<20	0.10	<10	<10	45	<10	23
S408505		5	<20	0.08	<10	<10	65	<10	45
S408506		119	<20	0.50	<10	<10	362	<10	70
S408507		24	<20	0.03	<10	<10	60	<10	494
S408508		5	<20	<0.01	<10	<10	5	<10	6
S408509		10	<20	0.16	<10	<10	111	<10	52
S408510		31	<20	0.02	<10	<10	9	<10	13
S408511		20	<20	0.04	<10	<10	110	<10	36
S408512		149	<20	0.62	<10	<10	354	<10	65
S408513		1	<20	0.01	<10	<10	15	<10	96
S408514		28	<20	0.62	<10	<10	81	<10	55
S408515		1	<20	0.01	<10	<10	6	<10	9
S408516		8	<20	0.08	<10	<10	22	<10	92
S408517		16	<20	0.35	<10	<10	236	<10	1585
S408518		14	<20	0.05	<10	<10	40	<10	6470
S408551		44	<20	0.32	<10	<10	153	<10	232
S408552		17	<20	0.29	<10	<10	249	<10	1680
S408553		28	<20	0.18	<10	<10	121	<10	1770
S408554		7	<20	0.08	<10	<10	52	<10	52
S408555		350	<20	0.20	<10	<10	2	<10	57
S408556		6	<20	0.03	<10	<10	1	<10	9
S408557		59	<20	0.70	<10	<10	2	<10	77
S408558		37	<20	0.37	<10	<10	1	<10	45

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Finalisée date:
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Compte: MIDEXP

Projet: Willbob Project

CERTIFICAT D'ANALYSE VO17149346

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	BAG- 01	CRU- 32	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	Cu- OG62	ME- ICP61
	ME- OG62	Pb- OG62		

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

CERTIFICAT VO17149349

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 34 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIL- 2017.

Les résultats sont transmis à:

MARIO MASSON	RICHARD ST- CYR	SYLVAIN TRÉPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 31- JUIL- 2017
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CERTIFICAT D'ANALYSE VO17149349

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408307		0.43	<0.005		<0.5	3.08	<5	10	<0.5	2	2.67	0.5	29	63	237	
S408308		0.70	<0.005		<0.5	6.73	<5	10	<0.5	2	3.31	0.7	50	85	339	
S408309		0.66	<0.005		<0.5	4.81	5	20	<0.5	2	4.89	0.7	30	97	103	
S408310		0.47	0.012		<0.5	2.30	39	70	<0.5	<2	1.41	0.6	105	44	330	
S408311		0.44	0.008		<0.5	5.42	<5	20	0.5	2	2.47	<0.5	19	44	441	
S408312		0.65	<0.005		<0.5	0.49	<5	<10	<0.5	<2	13.40	1.2	22	14	1200	
S408313		0.80	0.008		<0.5	6.65	<5	50	<0.5	5	6.68	1.2	48	118	888	
S408314		0.84	<0.005		<0.5	3.51	24	140	<0.5	<2	1.00	<0.5	22	23	256	
S408315		0.69	0.006		1.9	3.43	<5	50	<0.5	4	0.67	0.5	24	26	238	
S408316		0.56	0.005		<0.5	6.47	26	190	1.7	2	0.20	<0.5	26	64	489	
S408317		0.73	<0.005		<0.5	4.40	<5	40	0.6	<2	0.45	<0.5	14	33	208	
S408318		0.74	0.015		<0.5	3.65	<5	40	0.5	<2	0.12	<0.5	30	32	405	
S408319		0.90	0.064		0.8	1.68	<5	<10	<0.5	<2	0.18	<0.5	32	32	2940	
S408320		0.57	<0.005		<0.5	7.39	<5	950	1.1	2	2.55	<0.5	20	94	74	
S408321		0.62	0.048		1.0	1.45	32	110	<0.5	<2	0.34	0.5	100	33	3640	
S408322		0.62	<0.005		<0.5	2.04	<5	130	<0.5	<2	1.01	<0.5	5	23	23	
S408323		0.81	0.020		<0.5	3.50	<5	290	0.7	2	2.30	0.9	18	105	181	
S408324		0.62	0.077		1.0	1.47	<5	140	<0.5	<2	0.46	0.7	18	33	1860	
S408325		0.63	0.005		<0.5	2.04	<5	160	0.6	<2	0.37	<0.5	14	44	77	
S408479		0.67	0.024		<0.5	7.65	<5	<10	<0.5	6	2.21	0.6	32	188	272	
S408480		0.09	4.05	4.22	0.7	6.77	29	580	0.7	<2	2.42	1.1	17	61	147	
S408481		0.79	<0.005		<0.5	7.04	<5	500	0.6	6	3.76	<0.5	9	95	89	
S408482		0.72	0.005		<0.5	1.75	<5	<10	<0.5	<2	1.30	0.7	8	20	48	
S408483		0.54	0.034		1.2	1.80	14	10	<0.5	4	0.78	<0.5	14	89	22	
S408484		0.61	0.012		<0.5	0.57	7	10	<0.5	<2	1.08	<0.5	6	62	64	
S408485		0.74	<0.005		<0.5	7.38	<5	750	1.6	2	1.59	<0.5	8	8	25	
S408486		0.85	<0.005		<0.5	0.40	<5	20	<0.5	<2	0.22	<0.5	2	36	6	
S408487		0.62	<0.005		<0.5	1.74	<5	110	<0.5	<2	1.04	0.9	6	37	23	
S408488		0.76	0.011		<0.5	6.65	<5	10	<0.5	9	4.62	0.5	49	12	362	
S408489		0.79	<0.005		<0.5	3.16	<5	210	0.6	<2	0.06	<0.5	5	23	41	
S408490		0.73	0.082		13.1	6.08	20	10	<0.5	4	3.98	7.7	79	105	>10000	2.72
S408491		0.83	0.006		<0.5	4.57	<5	<10	<0.5	4	3.09	0.6	28	21	260	
S408492		0.63	0.139		7.6	1.73	<5	10	<0.5	2	1.22	8.8	13	30	>10000	1.575
S408493		0.66	0.010		<0.5	6.38	6	10	<0.5	8	5.66	1.2	43	7	556	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO17149349

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S408307		4.15	10	0.04	<10	2.33	658	1	0.25	150	70	<2	0.10	<5	9	45
S408308		10.25	20	0.04	<10	4.94	1450	<1	0.83	87	380	<2	0.24	<5	26	37
S408309		6.13	10	0.11	<10	3.14	1110	1	1.02	99	200	<2	0.06	<5	23	88
S408310		5.74	10	0.16	<10	1.09	485	1	0.27	232	180	<2	1.63	<5	10	29
S408311		5.16	10	0.10	<10	2.36	795	1	2.16	59	190	<2	0.07	<5	15	39
S408312		1.27	<10	<0.01	<10	0.16	1170	1	0.06	92	10	6	0.34	<5	2	62
S408313		8.52	10	0.28	<10	4.37	1530	<1	1.27	151	310	<2	0.15	<5	32	116
S408314		1.67	10	0.51	<10	0.19	280	3	2.12	21	580	<2	0.12	<5	2	70
S408315		2.61	10	0.21	<10	0.25	279	6	2.42	18	560	2120	0.35	<5	4	73
S408316		2.71	20	0.95	10	0.38	91	18	3.85	24	940	10	0.36	<5	6	63
S408317		1.50	10	0.23	20	0.09	194	1	3.37	10	400	2	0.28	<5	3	53
S408318		2.71	10	0.11	10	0.46	133	1	2.28	6	560	4	0.42	<5	3	28
S408319		3.59	<10	0.02	10	0.40	169	1	0.84	4	750	2	0.78	<5	2	16
S408320		5.55	20	1.50	20	1.74	703	2	2.23	46	750	15	0.17	<5	19	538
S408321		4.66	10	0.30	60	0.31	127	1	0.23	24	1430	2	2.22	<5	2	36
S408322		6.64	10	0.71	10	0.28	1720	1	0.02	6	650	2	0.04	<5	2	38
S408323		11.10	10	1.59	30	0.70	2160	1	0.03	23	5070	4	1.35	<5	10	187
S408324		2.92	<10	0.42	10	0.10	618	1	0.62	19	750	11	0.83	<5	1	43
S408325		3.91	10	0.84	10	0.29	324	3	0.14	22	520	60	0.72	<5	3	35
S408479		11.95	20	0.03	<10	5.78	1560	<1	0.97	87	380	<2	1.19	<5	46	45
S408480		5.11	20	1.08	10	1.49	851	8	2.15	41	730	44	0.14	5	16	269
S408481		6.13	20	1.27	<10	3.76	980	<1	3.03	18	510	<2	0.55	<5	42	43
S408482		8.27	<10	0.01	10	1.45	505	2	0.01	41	4760	46	2.57	<5	2	55
S408483		3.11	10	0.04	<10	1.72	480	1	0.05	65	100	1080	0.02	<5	9	6
S408484		1.32	<10	0.04	<10	0.50	248	1	0.03	27	30	33	0.01	<5	3	7
S408485		7.17	30	0.85	30	1.14	1590	2	3.34	3	2580	<2	0.45	<5	24	99
S408486		1.35	<10	0.10	<10	0.15	377	1	0.06	4	20	84	0.07	<5	<1	16
S408487		3.00	<10	0.63	10	0.42	436	1	0.18	10	300	25	0.54	<5	1	44
S408488		13.00	20	0.03	<10	2.82	1390	<1	0.01	37	800	2	0.76	<5	51	145
S408489		3.05	10	1.13	<10	0.48	251	1	0.15	7	240	<2	0.29	<5	2	12
S408490		11.45	20	0.04	20	2.67	1220	1	0.67	92	260	2	2.69	<5	38	80
S408491		10.55	10	0.03	<10	2.81	1290	1	0.08	33	310	<2	0.26	<5	44	43
S408492		5.13	10	<0.01	<10	1.47	489	<1	0.05	49	10	<2	1.45	<5	4	4
S408493		9.73	20	0.01	10	2.61	1405	<1	0.32	24	550	6	0.33	<5	43	157

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17149349

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S408307		<20	0.13	<10	<10	92	<10	48
S408308		<20	0.49	<10	<10	301	<10	119
S408309		<20	0.39	<10	<10	202	<10	63
S408310		<20	0.12	<10	<10	118	<10	26
S408311		<20	0.27	<10	<10	106	<10	62
S408312		<20	0.01	10	<10	25	<10	31
S408313		<20	0.53	<10	<10	263	<10	114
S408314		<20	0.06	<10	<10	15	<10	43
S408315		<20	0.05	<10	<10	18	<10	19
S408316		<20	0.20	<10	<10	51	<10	27
S408317		<20	0.07	<10	<10	19	<10	7
S408318		<20	0.08	<10	<10	15	<10	20
S408319		<20	0.03	<10	<10	9	<10	83
S408320		<20	0.46	<10	<10	134	<10	91
S408321		<20	0.02	<10	<10	13	<10	19
S408322		<20	0.04	<10	<10	13	<10	81
S408323		<20	0.14	<10	<10	67	<10	173
S408324		<20	0.03	<10	<10	7	<10	48
S408325		<20	0.05	<10	<10	20	<10	76
S408479		<20	0.63	<10	<10	337	<10	174
S408480		<20	0.35	<10	<10	140	30	281
S408481		<20	0.90	10	<10	398	<10	100
S408482		<20	0.01	<10	<10	13	<10	193
S408483		<20	0.09	<10	<10	58	<10	34
S408484		<20	0.04	<10	<10	17	<10	11
S408485		<20	0.84	<10	<10	19	<10	80
S408486		<20	<0.01	<10	<10	2	<10	33
S408487		<20	0.03	<10	<10	9	<10	206
S408488		<20	1.69	<10	<10	785	<10	93
S408489		<20	0.07	<10	<10	15	<10	30
S408490		<20	0.47	<10	<10	256	<10	314
S408491		<20	1.40	<10	<10	898	<10	84
S408492		<20	0.02	<10	<10	72	<10	161
S408493		<20	1.40	<10	<10	478	<10	91

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 31- JUIL- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17149349

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	BAG- 01	CRU- 32
	CRU- QC	LOG- 22	LOG- 24	PUL- 32
	PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Cu- OG62	ME- ICP61	ME- OG62

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À: EXPLORATION MIDLAND INC
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Finalisée date: 1- SEPT- 2017
Compte: MIDEXP

CERTIFICAT VO17170354

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION MIDLAND INC
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Finalisée date: 1- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17170354

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408661		0.62	0.035		<0.5	5.65	93	410	<0.5	3	7.37	0.6	50	6	738	
S408662		0.73	>10.0	72.7	7.4	0.79	2350	40	<0.5	3	0.11	0.5	109	6	8430	
S408663		1.46	0.194		<0.5	0.51	48	20	<0.5	<2	1.28	0.6	9	40	826	
S408664		0.72	1.825		16.8	0.99	145	30	<0.5	<2	0.04	3.5	28	27	>10000	4.57
S408665		0.68	0.357		<0.5	6.21	28	10	<0.5	<2	6.88	0.8	77	5	410	
S408666		0.76	2.28		0.6	5.24	256	220	<0.5	<2	6.57	0.8	65	3	193	
S408667		0.55	0.121		1.5	4.74	32	180	<0.5	<2	5.75	0.6	24	11	3330	
S408668		0.87	0.372		<0.5	4.39	239	250	<0.5	2	4.04	0.5	51	10	369	
S408669		1.44	1.335		0.7	0.93	81	40	<0.5	3	2.01	0.5	22	21	2250	
S408670		0.92	0.848		2.6	0.01	84	<10	<0.5	<2	0.02	<0.5	24	35	1420	
S408671		0.96	2.72		1.8	0.38	25	30	<0.5	2	0.34	0.9	3	26	>10000	1.040
S408672		0.85	1.675	2.58	4.7	0.05	19	10	<0.5	<2	0.12	1.3	44	29	>10000	1.325
S408673		0.88	0.009		<0.5	5.70	46	250	<0.5	<2	6.06	0.8	51	5	246	
S408674		0.65	0.129		0.8	0.03	16	10	<0.5	<2	0.20	<0.5	11	33	2630	
S408675		0.72	0.098		5.7	0.05	12	10	<0.5	<2	0.25	1.2	6	32	6270	
S408676		1.12	0.040		5.6	0.83	5	30	<0.5	<2	1.83	1.1	6	28	8200	
S408677		0.86	0.360		8.8	0.12	9	10	<0.5	<2	0.11	1.0	4	34	>10000	1.250
S408678		1.15	3.77	1.86	17.6	0.12	115	10	<0.5	<2	0.02	2.5	77	26	>10000	2.09

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 1- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17170354

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S408661		7.00	20	2.57	<10	2.32	1655	<1	0.12	16	140	4	0.73	<5	50	98
S408662		39.9	<10	0.29	<10	0.09	144	<1	0.02	84	<10	22	>10.0	<5	7	3
S408663		2.35	<10	0.16	<10	0.30	371	<1	0.15	5	10	22	0.64	<5	5	24
S408664		9.32	<10	0.29	<10	0.02	277	<1	0.29	31	30	10	5.70	<5	8	7
S408665		14.00	20	0.10	<10	3.32	1940	<1	0.81	23	160	<2	0.64	<5	55	110
S408666		11.45	10	1.48	<10	2.31	1260	<1	1.00	20	140	4	5.39	<5	43	84
S408667		6.33	10	1.81	<10	1.83	1085	<1	0.72	11	120	4	0.96	<5	37	75
S408668		8.64	10	1.87	<10	1.31	952	<1	0.39	16	120	15	4.36	<5	36	48
S408669		3.93	<10	0.37	<10	0.54	553	<1	0.09	19	20	15	1.20	<5	13	25
S408670		2.45	<10	0.01	<10	<0.01	63	<1	0.02	8	<10	14	2.34	<5	<1	5
S408671		4.05	<10	0.18	<10	0.07	216	<1	0.03	7	10	15	1.88	<5	4	10
S408672		5.71	<10	0.02	<10	0.03	171	<1	0.03	42	<10	15	4.98	<5	1	8
S408673		11.50	10	1.62	<10	2.55	1525	<1	0.57	11	160	2	0.20	<5	50	75
S408674		2.16	<10	0.01	<10	0.04	179	<1	0.02	9	<10	9	1.01	<5	<1	9
S408675		2.01	<10	0.02	<10	0.05	196	<1	0.03	21	<10	22	0.82	<5	1	9
S408676		2.82	<10	0.31	<10	0.45	401	<1	0.17	7	20	12	0.84	<5	8	27
S408677		3.42	<10	0.04	<10	0.03	147	<1	0.04	32	30	12	1.72	<5	3	6
S408678		6.81	<10	0.05	<10	0.01	81	<1	0.03	47	10	10	5.86	<5	2	3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17170354

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S408661		<20	0.66	<10	<10	910	10	22
S408662		<20	0.08	10	<10	123	<10	117
S408663		<20	0.06	<10	<10	78	<10	26
S408664		<20	0.04	<10	<10	134	<10	124
S408665		<20	1.08	<10	<10	1105	<10	122
S408666		<20	0.64	<10	<10	825	10	54
S408667		<20	0.50	<10	<10	667	10	40
S408668		<20	0.37	10	<10	637	10	39
S408669		<20	0.08	<10	<10	146	<10	27
S408670		<20	<0.01	<10	<10	2	<10	19
S408671		<20	0.02	<10	<10	60	<10	41
S408672		<20	<0.01	<10	<10	6	<10	44
S408673		<20	0.67	<10	<10	843	<10	74
S408674		<20	<0.01	<10	<10	4	<10	15
S408675		<20	<0.01	<10	<10	9	<10	69
S408676		<20	0.05	<10	<10	124	<10	53
S408677		<20	<0.01	<10	<10	16	<10	44
S408678		<20	0.01	<10	<10	16	<10	90

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17170354

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	BAG- 01	CRU- 32
	CRU- QC	LOG- 22	PUL- 32	PUL- QC
	SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Cu- OG62	ME- ICP61	ME- OG62

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À: EXPLORATION MIDLAND INC
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Finalisée date: 1- OCT- 2017
Compte: MIDEXP

CERTIFICAT VO17176999

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 167 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 22- AOUT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
OA- HSUL10	Manipulation des échantillons de sulfure

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Pb- OG62	Teneur marchande Pb - quatre acides	ICP- AES
Zn- OG62	Teneur marchande Zn - quatre acides	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 1- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408398		0.82	<0.005		<0.5	7.09	15	620	2.0	<2	0.40	<0.5	19	114	85	
S408399		0.60	<0.005		<0.5	6.52	<5	520	1.7	<2	0.90	<0.5	3	17	7	
S408400		0.58	<0.005		<0.5	6.58	<5	720	2.1	<2	0.51	<0.5	6	23	42	
S408519		Not Recvd														
S408520		Not Recvd														
S408521		Not Recvd														
S408522		Not Recvd														
S408523		Not Recvd														
S408524		Not Recvd														
S408525		Not Recvd														
S408526		Not Recvd														
S408527		Not Recvd														
S408528		Not Recvd														
S408529		Not Recvd														
S408530		Not Recvd														
S408531		0.67	<0.005		<0.5	7.22	31	10	<0.5	<2	4.68	0.5	50	12	439	
S408532		0.48	<0.005		<0.5	6.18	35	10	<0.5	<2	6.89	1.1	50	5	421	
S408533		0.79	0.005		<0.5	6.35	<5	10	<0.5	<2	4.91	<0.5	93	3	417	
S408534		0.58	<0.005		<0.5	6.18	<5	20	0.5	<2	3.67	<0.5	80	4	359	
S408535		0.65	<0.005		<0.5	6.06	<5	40	0.5	<2	4.30	<0.5	63	10	279	
S408536		0.64	<0.005		<0.5	6.48	<5	40	0.6	<2	2.52	<0.5	77	4	240	
S408537		1.03	<0.005		<0.5	7.00	<5	100	<0.5	<2	3.50	<0.5	17	7	107	
S408538		0.77	<0.005		<0.5	3.25	<5	30	<0.5	<2	2.27	<0.5	14	41	52	
S408539		0.71	0.843		1.3	1.94	3560	40	<0.5	4	19.05	<0.5	6	10	11	
S408540		0.11	4.02	3.79	0.7	7.06	34	610	0.8	<2	2.44	0.6	17	62	150	
S408541		0.57	0.233		<0.5	6.48	20	50	0.5	<2	3.36	<0.5	22	5	37	
S408542		0.82	0.277		<0.5	5.54	58	190	1.1	<2	3.78	<0.5	27	11	73	
S408543		0.70	0.028		<0.5	6.40	8	60	0.6	<2	4.39	<0.5	24	5	20	
S408544		0.57	<0.005		<0.5	8.52	5	1050	1.9	<2	0.45	<0.5	21	71	14	
S408545		0.45	<0.005		<0.5	7.59	60	920	<0.5	<2	6.89	<0.5	33	249	69	
S408546		0.64	<0.005		<0.5	7.33	40	480	0.8	<2	4.89	<0.5	33	102	2	
S408547		0.71	<0.005		<0.5	7.80	<5	40	<0.5	<2	7.38	0.7	65	19	294	
S408548		0.54	<0.005		<0.5	2.70	<5	100	<0.5	2	0.57	<0.5	7	41	12	
S408549		0.65	<0.005		<0.5	6.28	<5	160	0.6	<2	1.33	<0.5	9	9	23	
S408550		0.55	<0.005		<0.5	4.72	16	40	0.9	2	0.66	<0.5	3	20	6	
S408551		Not Recvd														
S408552		Not Recvd														
S408553		Not Recvd														
S408554		Not Recvd														
S408555		Not Recvd														

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ROSEMÈRE QC J7A 2H1

Finalisée date: 1- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1
S408398		4.15	20	2.96	30	1.13	438	1	1.03	51	750	71		0.12	<5	15
S408399		4.72	20	1.45	30	0.26	928	1	2.67	3	500	4		0.05	<5	17
S408400		4.37	20	1.92	30	0.26	586	1	2.26	2	550	2		0.64	<5	17
S408519																
S408520																
S408521																
S408522																
S408523																
S408524																
S408525																
S408526																
S408527																
S408528																
S408529																
S408530																
S408531		12.50	20	0.02	<10	4.10	1755	<1	1.43	87	230	<2		0.05	<5	54
S408532		11.25	20	0.02	<10	3.50	1720	<1	0.95	80	250	<2		0.06	<5	49
S408533		13.30	30	0.04	10	1.99	1175	1	1.68	2	680	2		3.19	<5	53
S408534		14.40	20	0.06	<10	1.99	1380	<1	2.17	1	710	<2		2.41	<5	53
S408535		14.45	20	0.12	10	2.19	1470	1	1.84	1	640	4		1.87	<5	51
S408536		13.00	20	0.12	10	1.65	1150	<1	2.47	<1	1840	9		1.69	<5	45
S408537		9.07	20	0.22	10	0.82	1145	2	4.07	<1	990	9		0.22	<5	34
S408538		6.53	20	0.08	<10	0.80	766	3	0.89	1	320	10		0.35	<5	18
S408539		3.72	<10	0.07	10	0.20	2320	1	1.43	<1	940	50		0.40	<5	21
S408540		5.17	20	1.11	10	1.51	872	7	2.21	43	750	48		0.14	6	16
S408541		13.80	20	0.11	10	0.98	1950	<1	2.48	1	4120	2		0.37	<5	63
S408542		12.85	20	0.82	20	0.62	2120	1	1.10	1	3810	15		0.98	<5	53
S408543		12.55	20	0.11	10	1.01	2060	<1	2.30	<1	3670	6		0.34	<5	65
S408544		4.58	20	3.64	20	1.56	571	<1	1.42	30	500	4		0.05	<5	13
S408545		4.87	20	2.92	10	3.54	1420	<1	0.67	95	270	3		0.03	<5	25
S408546		6.53	20	1.90	10	2.51	1630	<1	1.89	46	330	4		0.03	<5	25
S408547		11.85	20	0.15	<10	3.06	1620	<1	0.87	69	180	<2		0.50	<5	38
S408548		2.79	<10	0.48	20	0.20	457	1	1.33	11	410	12		0.13	<5	2
S408549		9.03	20	0.40	10	0.69	1185	<1	2.83	1	910	<2		0.32	<5	20
S408550		2.83	10	0.15	20	0.34	512	1	2.98	2	410	<2		0.03	<5	13
S408551																
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CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408398		63	<20	0.35	<10	<10	111	<10	180	
S408399		88	<20	0.27	<10	<10	4	<10	51	
S408400		94	<20	0.27	<10	<10	4	<10	40	
S408519										
S408520										
S408521										
S408522										
S408523										
S408524										
S408525										
S408526										
S408527										
S408528										
S408529										
S408530										
S408531		34	<20	0.92	<10	<10	827	<10	124	
S408532		44	<20	0.87	<10	<10	870	<10	115	
S408533		103	<20	1.87	<10	<10	45	<10	112	
S408534		70	<20	1.79	<10	<10	47	<10	107	
S408535		86	<20	1.57	<10	<10	52	<10	128	
S408536		69	<20	1.05	<10	<10	6	<10	121	
S408537		57	<20	0.99	<10	<10	10	<10	57	
S408538		58	<20	0.60	<10	<10	9	<10	63	
S408539		570	<20	0.25	<10	<10	1	<10	12	
S408540		276	<20	0.37	<10	<10	143	40	288	
S408541		131	<20	1.35	<10	<10	5	<10	86	
S408542		89	<20	1.29	<10	<10	5	10	98	
S408543		142	<20	1.09	<10	<10	4	<10	75	
S408544		48	<20	0.48	<10	<10	75	<10	57	
S408545		265	<20	0.17	<10	<10	148	<10	56	
S408546		159	<20	0.26	<10	<10	223	<10	75	
S408547		208	<20	0.82	<10	<10	959	<10	69	
S408548		88	<20	0.07	<10	<10	21	<10	39	
S408549		109	<20	0.49	<10	<10	4	<10	41	
S408550		36	<20	0.27	<10	<10	6	<10	25	
S408551										
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CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408556		Not Recvd														
S408557		Not Recvd														
S408558		Not Recvd														
S408559		0.52	<0.005		<0.5	6.10	<5	210	0.6	<2	2.17	<0.5	7	7	32	
S408560		0.66	<0.005		<0.5	8.22	<5	920	1.3	<2	2.49	<0.5	29	131	151	
S408561		0.66	<0.005		<0.5	3.38	37	360	0.9	<2	3.88	<0.5	19	83	9	
S408562		0.64	0.006		0.5	2.46	<5	10	<0.5	<2	0.15	<0.5	17	66	271	
S408563		0.60	0.016		0.6	2.71	23	30	0.9	3	0.09	<0.5	73	79	285	
S408564		0.58	0.023		<0.5	3.12	<5	50	0.9	<2	0.07	0.5	11	67	90	
S408565		0.70	<0.005		<0.5	3.59	<5	150	1.2	<2	0.14	0.5	<1	142	37	
S408566		0.59	0.006		<0.5	2.68	20	140	0.6	<2	0.11	<0.5	3	48	8	
S408567		0.48	<0.005		<0.5	7.47	24	410	1.7	<2	0.07	<0.5	3	60	1	
S408568		0.53	0.009		<0.5	7.44	7	630	1.8	<2	0.75	<0.5	10	66	63	
S408569		0.86	<0.005		<0.5	7.95	29	430	1.7	<2	0.99	<0.5	9	66	4	
S408570		0.85	<0.005		<0.5	4.53	62	220	1.1	<2	0.11	<0.5	6	59	4	
S408571		0.84	0.254		<0.5	5.25	<5	20	<0.5	<2	10.10	<0.5	53	12	107	
S408572		1.08	>10.0	15.35	0.6	3.60	<5	10	4.4	<2	8.27	<0.5	68	34	241	
S408573		0.74	0.448		<0.5	6.49	<5	20	1.6	<2	4.34	<0.5	34	5	8	
S408574		0.91	0.088		<0.5	5.71	<5	40	<0.5	<2	3.26	0.6	55	13	43	
S408575		0.62	<0.005		<0.5	5.01	<5	20	0.6	<2	4.01	0.8	55	20	35	
S408576		0.56	<0.005		<0.5	1.28	<5	<10	4.2	<2	1.72	<0.5	3	39	58	
S408577		0.52	<0.005		<0.5	5.09	<5	20	<0.5	<2	2.42	<0.5	32	41	60	
S408578		0.57	<0.005		<0.5	4.93	<5	20	<0.5	<2	5.97	<0.5	30	132	117	
S408579		0.80	0.005		<0.5	1.55	<5	150	0.8	2	1.98	<0.5	10	52	233	
S408580		0.11	4.33	3.89	0.7	6.93	34	590	0.8	<2	2.38	1.0	18	64	150	
S408581		0.52	<0.005		<0.5	5.64	<5	10	<0.5	<2	8.88	0.5	16	106	98	
S408582		0.62	<0.005		<0.5	7.30	<5	30	<0.5	<2	3.19	<0.5	48	114	120	
S408583		0.76	<0.005		<0.5	7.38	<5	20	<0.5	<2	7.43	0.5	50	147	152	
S408584		0.69	<0.005		<0.5	7.58	<5	30	<0.5	<2	6.23	0.7	53	156	238	
S408585		0.85	<0.005		<0.5	6.94	20	530	1.1	<2	1.17	<0.5	13	127	20	
S408586		0.60	0.170		<0.5	5.98	11	110	0.7	<2	1.81	<0.5	18	10	24	
S408587		0.55	0.754		3.7	1.31	514	110	<0.5	<2	0.13	0.7	54	28	22	
S408588		0.87	>10.0	21.7	40.5	0.70	16	30	<0.5	<2	0.27	11.2	7	43	4	
S408589		0.83	0.038		<0.5	6.03	7	110	0.9	<2	1.37	<0.5	8	13	3	
S408590		0.64	0.176		<0.5	5.80	7	50	0.7	<2	1.49	<0.5	4	13	7	
S408591		0.70	<0.005		<0.5	8.30	38	670	1.9	<2	0.58	<0.5	9	57	5	
S408592		0.66	<0.005		<0.5	5.95	7	130	0.9	<2	0.73	<0.5	14	9	4	
S408593		0.61	0.256		<0.5	4.57	16	210	0.9	<2	1.70	<0.5	18	23	33	
S408594		0.54	0.015		<0.5	5.68	8	480	1.4	<2	0.40	1.5	10	10	10	
S408595		0.60	<0.005		<0.5	5.38	9	100	0.8	<2	1.70	<0.5	10	10	7	

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S408556																
S408557																
S408558																
S408559		8.76	20	0.50	10	0.50	1490	<1	2.79	<1	720	<2		0.39	<5	13
S408560		7.20	20	2.24	30	2.17	846	3	2.09	63	1050	17		0.34	<5	31
S408561		4.39	10	0.70	<10	1.55	1935	2	0.10	35	250	2		0.30	<5	20
S408562		25.6	10	<0.01	10	1.70	2250	13	<0.01	155	350	8		>10.0	<5	8
S408563		21.5	10	0.14	<10	2.09	1305	29	0.01	174	470	15		>10.0	<5	11
S408564		20.2	10	0.43	10	1.14	2530	30	0.01	112	210	14		>10.0	<5	8
S408565		3.28	10	1.87	10	0.39	371	8	0.03	11	230	3		0.92	<5	11
S408566		3.13	10	0.46	<10	0.41	674	2	0.86	9	90	<2		0.04	<5	3
S408567		2.47	20	1.76	40	0.42	533	3	3.46	16	260	20		0.02	<5	13
S408568		5.08	20	2.94	30	0.72	650	2	1.71	25	340	6		0.41	<5	13
S408569		3.59	20	1.58	30	0.87	748	1	4.07	27	330	4		0.02	<5	12
S408570		2.78	10	0.92	20	0.37	378	10	1.97	17	320	4		0.01	<5	7
S408571		9.32	40	0.04	10	1.61	1290	1	1.01	8	410	<2		0.58	<5	25
S408572		6.19	10	0.01	<10	0.55	4600	2	0.03	13	310	<2		1.23	<5	17
S408573		11.05	20	0.03	10	1.78	1785	1	2.23	1	1900	<2		0.03	<5	38
S408574		13.40	20	0.03	<10	2.00	1655	1	0.73	4	650	<2		0.11	<5	52
S408575		13.35	30	0.02	<10	1.73	1825	1	0.03	4	40	<2		0.02	<5	4
S408576		1.51	<10	<0.01	<10	0.27	2270	2	0.01	3	20	2		0.02	<5	2
S408577		7.71	10	0.03	<10	2.14	1220	2	1.52	28	490	5		0.01	5	33
S408578		5.34	10	0.06	<10	1.52	1380	1	1.96	71	310	19		0.08	<5	24
S408579		2.10	<10	0.22	<10	0.67	636	2	0.07	19	230	<2		0.04	<5	2
S408580		5.11	10	1.09	10	1.47	896	7	2.17	43	770	46		0.14	6	16
S408581		6.51	20	0.02	<10	1.30	1135	2	0.19	30	340	2		0.04	<5	31
S408582		11.35	20	0.11	<10	3.71	1795	<1	1.39	57	350	<2		0.01	<5	48
S408583		9.74	20	0.11	<10	3.76	1550	<1	1.42	102	400	<2		0.20	<5	45
S408584		11.70	20	0.14	<10	3.94	1580	<1	1.69	95	420	<2		0.92	<5	47
S408585		3.71	20	1.68	20	1.14	509	1	3.24	44	700	9		0.06	<5	12
S408586		8.67	20	0.68	10	0.36	1320	1	2.34	1	2420	6		0.38	<5	20
S408587		14.40	10	0.47	<10	0.05	676	2	0.11	3	30	2780		>10.0	<5	6
S408588		2.34	<10	0.13	10	0.06	315	2	0.17	2	60	>10000	4.12	1.32	36	2
S408589		5.89	20	0.68	30	0.29	1035	1	2.88	1	490	150		0.02	<5	12
S408590		4.84	20	0.31	30	0.19	752	1	3.49	<1	400	76		0.06	<5	10
S408591		3.29	20	2.67	40	0.63	634	1	2.69	22	370	17		0.01	<5	10
S408592		8.82	20	0.31	10	0.33	1045	<1	2.65	<1	1130	19		0.09	<5	20
S408593		6.86	20	1.30	10	0.26	1320	2	0.86	2	1250	12		0.33	<5	21
S408594		9.83	30	1.42	10	0.09	1450	1	1.95	<1	680	77		0.15	<5	16
S408595		6.56	20	0.28	10	0.33	1040	1	2.65	<1	570	9		0.11	<5	10

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 1- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408556										
S408557										
S408558										
S408559		175	<20	0.28	<10	<10	1	<10	29	
S408560		446	<20	0.66	<10	<10	188	<10	123	
S408561		84	<20	0.17	<10	<10	119	<10	71	
S408562		3	<20	0.16	<10	<10	247	<10	41	
S408563		4	<20	0.16	<10	10	492	<10	72	
S408564		3	<20	0.18	<10	<10	308	<10	206	
S408565		8	<20	0.22	<10	<10	134	<10	72	
S408566		14	<20	0.07	<10	<10	21	<10	21	
S408567		114	<20	0.22	<10	<10	75	<10	41	
S408568		114	<20	0.31	<10	<10	66	<10	39	
S408569		162	<20	0.35	<10	<10	80	<10	30	
S408570		72	<20	0.20	<10	<10	44	<10	21	
S408571		132	<20	0.69	<10	<10	310	<10	54	
S408572		42	<20	0.53	<10	<10	147	<10	77	
S408573		37	<20	1.35	<10	<10	46	<10	84	
S408574		40	<20	1.47	10	<10	623	<10	99	
S408575		26	<20	0.05	<10	<10	170	<10	112	
S408576		7	<20	0.03	<10	<10	28	<10	27	
S408577		43	<20	0.73	<10	<10	276	<10	77	
S408578		36	<20	0.51	<10	<10	207	<10	71	
S408579		9	<20	0.01	<10	<10	52	<10	29	
S408580		280	<20	0.37	<10	<10	144	40	293	
S408581		238	<20	0.58	<10	<10	306	<10	48	
S408582		25	<20	1.02	<10	<10	487	<10	127	
S408583		129	<20	0.73	10	<10	377	<10	106	
S408584		118	<20	0.74	<10	<10	385	<10	196	
S408585		211	<20	0.39	<10	<10	109	<10	65	
S408586		79	<20	0.61	<10	<10	2	20	39	
S408587		13	<20	0.01	<10	<10	2	<10	12	
S408588		9	<20	0.02	<10	<10	1	<10	40	
S408589		92	<20	0.23	<10	<10	1	<10	93	
S408590		64	<20	0.14	<10	<10	1	<10	53	
S408591		111	<20	0.18	<10	<10	60	<10	27	
S408592		113	<20	0.44	<10	<10	<1	<10	42	
S408593		49	<20	0.36	10	<10	1	<10	30	
S408594		61	<20	0.28	<10	<10	<1	10	133	
S408595		70	<20	0.22	<10	<10	<1	<10	41	

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Finalisée date: 1- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408596		0.68	<0.005		<0.5	6.72	<5	10	0.5	2	1.47	<0.5	19	104	53	
S408597		0.68	<0.005		<0.5	0.10	<5	<10	<0.5	2	0.11	<0.5	8	45	49	
S408598		0.66	0.021		0.8	1.58	12	60	<0.5	<2	1.07	1.1	104	37	720	
S408599		0.74	<0.005		<0.5	0.16	<5	<10	<0.5	<2	0.15	<0.5	3	24	47	
S408600		0.40	<0.005		<0.5	7.56	<5	1180	1.2	<2	2.54	<0.5	20	118	12	
S408601		0.97	0.014		<0.5	5.88	<5	10	1.6	<2	8.90	1.2	34	28	274	
S408602		0.56	0.007		<0.5	1.13	<5	<10	<0.5	<2	7.70	1.0	7	41	545	
S408603		0.52	0.016		<0.5	7.52	10	30	<0.5	<2	5.59	0.6	45	162	420	
S408604		0.51	0.009		<0.5	7.41	<5	30	<0.5	<2	6.21	0.8	50	148	166	
S408605		0.86	<0.005		<0.5	0.59	<5	10	<0.5	<2	8.79	0.5	8	25	207	
S408606		0.69	<0.005		<0.5	8.00	<5	10	<0.5	2	3.46	0.7	33	178	156	
S408607		0.61	<0.005		<0.5	6.91	<5	50	<0.5	<2	3.36	0.9	28	343	86	
S408608		0.86	<0.005		<0.5	4.41	12	270	1.1	2	0.19	<0.5	7	103	62	
S408609		0.72	<0.005		<0.5	0.57	<5	<10	<0.5	<2	1.64	<0.5	6	32	10	
S408610		0.62	>10.0	38.3	18.5	0.48	97	20	<0.5	<2	0.02	4.9	28	49	83	
S408611		0.49	0.011		<0.5	6.10	<5	310	1.1	<2	1.81	0.7	7	11	9	
S408612		0.64	2.04		0.8	5.99	53	20	<0.5	<2	0.36	0.9	15	14	16	
S408613		0.45	>10.0	419	42.4	0.30	58	10	<0.5	<2	0.10	290	64	49	91	
S408614		0.66	1.130		<0.5	8.48	<5	80	1.1	<2	0.71	<0.5	15	200	88	
S408615		0.86	0.454		<0.5	1.03	<5	60	<0.5	<2	12.15	2.3	6	11	<1	
S408616		0.59	0.014		<0.5	4.37	5	<10	<0.5	<2	7.02	0.7	25	73	168	
S408617		0.65	0.015		<0.5	6.45	<5	250	1.3	<2	1.00	<0.5	20	19	104	
S408618		0.63	0.013		<0.5	8.28	<5	20	<0.5	<2	3.79	<0.5	42	182	229	
S408619		0.62	0.157		<0.5	0.11	6	<10	<0.5	4	0.03	<0.5	<1	12	80	
S408620		0.49	<0.005		<0.5	8.20	<5	1220	1.3	<2	2.63	<0.5	21	109	32	
S408621		0.82	<0.005		<0.5	0.14	<5	<10	<0.5	<2	21.2	<0.5	<1	17	7	
S408622		0.69	0.058		<0.5	7.73	<5	<10	0.6	<2	1.38	<0.5	51	190	141	
S408623		0.69	<0.005		<0.5	8.00	<5	<10	<0.5	<2	1.14	<0.5	37	128	149	
S408624		0.47	0.008		<0.5	4.24	10	140	0.9	<2	0.97	<0.5	6	88	287	
S408625		0.81	<0.005		<0.5	4.46	<5	310	0.7	<2	1.58	0.7	10	86	253	
S408626		0.89	<0.005		<0.5	7.56	6	460	0.6	<2	3.17	0.5	44	100	144	
S408627		0.88	<0.005		<0.5	7.11	<5	20	<0.5	<2	7.04	0.8	45	92	146	
S408628		0.61	<0.005		<0.5	3.16	<5	<10	<0.5	<2	0.27	<0.5	34	47	103	
S408629		0.63	<0.005		<0.5	7.09	<5	30	<0.5	<2	4.58	0.6	33	114	210	
S408630		0.46	0.077		6.6	0.08	<5	<10	<0.5	<2	0.05	9.2	53	47	>10000	2.04
S408631		0.43	<0.005		<0.5	7.91	<5	20	0.7	<2	0.92	<0.5	34	137	240	
S408632		0.67	<0.005		<0.5	3.17	<5	60	0.6	2	3.35	<0.5	7	113	49	
S408633		0.80	<0.005		<0.5	7.56	<5	250	0.9	<2	2.47	1.2	19	110	148	
S408634		0.68	<0.005		<0.5	5.19	10	10	<0.5	<2	5.18	0.6	26	89	148	
S408635		0.69	<0.005		<0.5	5.34	<5	20	<0.5	<2	6.80	1.4	49	33	280	

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ROSEMÈRE QC J7A 2H1

Finalisée date: 1- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1
S408596		8.22	10	0.02	<10	2.96	921	1	1.93	29	660	4		0.11	<5	28
S408597		1.12	<10	<0.01	<10	0.04	82	3	0.03	14	130	<2		0.31	<5	<1
S408598		28.9	<10	0.35	10	0.76	394	7	0.37	226	170	6		>10.0	11	7
S408599		1.54	<10	<0.01	<10	0.02	103	2	0.08	5	10	<2		0.17	<5	<1
S408600		5.55	20	1.90	30	1.90	613	1	2.28	48	1050	20		0.04	<5	18
S408601		9.99	20	0.02	<10	3.18	3630	1	0.19	40	490	4		0.05	<5	49
S408602		1.37	<10	0.01	<10	0.41	776	3	0.14	12	30	2		0.06	<5	8
S408603		10.05	20	0.09	<10	3.49	1585	<1	0.63	94	370	<2		0.04	<5	46
S408604		10.25	20	0.20	<10	3.96	1515	<1	1.94	107	400	<2		0.11	<5	46
S408605		1.18	<10	0.02	<10	0.25	719	1	0.06	18	170	3		0.10	<5	3
S408606		12.05	20	0.04	<10	4.87	1625	<1	2.69	92	420	<2		0.68	<5	54
S408607		11.70	20	0.14	10	7.07	1370	6	1.13	136	630	5		0.95	5	22
S408608		3.80	10	1.37	10	0.73	227	8	1.06	24	460	22		0.50	7	8
S408609		1.78	<10	0.02	<10	0.56	266	2	0.42	17	400	4		0.21	<5	1
S408610		6.02	<10	0.06	<10	0.02	278	3	0.23	1	130	>10000	1.830	2.34	14	1
S408611		8.85	30	0.95	10	0.21	1160	<1	2.27	<1	840	119		0.33	<5	23
S408612		20.4	20	0.06	10	1.23	708	<1	0.02	1	1000	432		0.90	<5	25
S408613		7.00	<10	0.04	<10	0.05	269	2	0.02	4	50	>10000	2.06	3.71	11	2
S408614		6.86	20	0.40	<10	4.05	574	2	4.64	62	470	42		2.02	<5	36
S408615		13.00	10	0.36	<10	1.27	4420	1	0.26	1	410	43		0.01	<5	18
S408616		6.30	10	0.01	<10	2.48	1135	1	0.03	36	150	4		0.04	<5	16
S408617		12.70	20	3.52	10	0.72	102	7	0.11	62	1430	7		3.47	<5	16
S408618		7.70	20	0.06	<10	4.50	925	<1	3.78	69	410	4		0.44	<5	53
S408619		>50	<10	0.01	<10	0.03	<5	<1	0.02	<1	320	8		1.21	<5	1
S408620		6.31	20	2.09	30	1.88	716	1	2.50	53	1030	19		0.07	<5	20
S408621		0.80	<10	0.01	<10	0.22	2690	1	0.01	<1	10	<2		0.01	<5	1
S408622		9.22	20	0.01	<10	4.44	1040	<1	2.85	93	420	<2		2.42	<5	50
S408623		16.90	30	0.01	<10	5.95	2120	1	1.26	43	430	<2		1.10	<5	25
S408624		6.35	10	0.66	<10	1.56	338	30	2.04	16	200	9		6.07	<5	9
S408625		20.9	10	0.60	<10	1.90	764	1	2.28	15	1030	7		0.28	<5	25
S408626		9.89	20	0.84	10	3.51	1005	<1	3.81	68	610	4		4.23	<5	44
S408627		9.98	20	0.08	<10	3.43	1520	<1	1.68	72	560	3		0.22	<5	40
S408628		7.08	10	0.01	<10	2.26	999	2	0.01	50	20	<2		0.02	<5	2
S408629		11.05	10	0.07	10	4.18	1445	1	3.05	55	610	4		0.67	<5	50
S408630		3.18	<10	0.01	<10	0.03	88	3	0.01	84	<10	3		2.62	<5	<1
S408631		8.37	20	0.10	<10	4.68	779	3	3.91	83	420	<2		4.74	<5	48
S408632		2.61	10	0.62	<10	0.73	325	2	1.18	21	160	<2		0.49	<5	13
S408633		4.51	10	0.91	<10	2.64	503	1	4.41	84	360	10		4.75	<5	46
S408634		6.48	20	0.02	<10	2.55	1075	2	0.36	53	230	<2		0.05	<5	28
S408635		12.45	20	0.11	<10	2.13	1445	1	0.09	76	230	<2		0.03	<5	33

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CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408596		53	<20	0.82	<10	<10	324	<10	118	
S408597		1	<20	0.01	<10	<10	5	<10	3	
S408598		5	<20	0.14	<10	<10	71	<10	337	
S408599		5	<20	<0.01	<10	<10	2	<10	5	
S408600		588	<20	0.54	<10	<10	147	<10	101	
S408601		100	<20	0.85	<10	<10	412	<10	101	
S408602		65	<20	0.06	<10	<10	57	<10	32	
S408603		156	<20	0.74	<10	<10	395	<10	112	
S408604		102	<20	0.73	<10	<10	376	<10	125	
S408605		39	<20	0.02	<10	<10	31	<10	10	
S408606		31	<20	0.85	<10	<10	433	<10	206	
S408607		75	<20	0.51	<10	<10	182	<10	231	
S408608		68	<20	0.14	<10	<10	75	<10	82	
S408609		162	<20	0.01	<10	<10	5	<10	8	
S408610		8	<20	0.03	<10	<10	<1	20	21	
S408611		76	<20	0.41	<10	<10	1	70	90	
S408612		5	<20	0.48	<10	<10	1	20	589	
S408613		7	<20	0.03	<10	<10	1	<10	>10000	1.290
S408614		20	<20	0.77	<10	<10	343	<10	70	
S408615		236	<20	0.02	<10	<10	3	<10	66	
S408616		101	<20	0.25	<10	<10	134	<10	74	
S408617		8	<20	0.86	<10	10	140	<10	23	
S408618		59	<20	0.77	<10	<10	388	<10	74	
S408619		<1	<20	0.05	<10	<10	32	<10	19	
S408620		521	<20	0.52	<10	<10	145	<10	107	
S408621		71	<20	0.01	<10	<10	8	<10	6	
S408622		65	<20	0.75	<10	<10	397	<10	155	
S408623		28	<20	1.10	<10	<10	488	<10	305	
S408624		24	<20	0.40	<10	<10	181	<10	58	
S408625		26	<20	0.74	10	<10	276	<10	50	
S408626		37	<20	0.97	<10	<10	402	<10	158	
S408627		127	<20	0.88	<10	<10	394	<10	114	
S408628		<1	<20	0.01	<10	<10	81	<10	94	
S408629		33	<20	1.13	<10	<10	434	<10	160	
S408630		<1	<20	0.01	<10	<10	4	<10	393	
S408631		27	<20	0.85	<10	<10	415	<10	116	
S408632		23	<20	0.30	<10	<10	85	<10	30	
S408633		41	<20	0.97	<10	<10	410	<10	215	
S408634		128	<20	0.44	<10	<10	237	<10	71	
S408635		170	<20	1.03	<10	<10	934	<10	142	

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 1- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408636		0.74	<0.005		<0.5	6.40	<5	110	<0.5	<2	6.72	1.5	95	5	532	
S408637		0.68	<0.005		<0.5	7.94	<5	40	<0.5	2	6.06	0.9	44	21	135	
S408638		0.58	<0.005		<0.5	0.92	<5	<10	<0.5	<2	0.10	<0.5	5	72	189	
S408639		0.52	<0.005		<0.5	7.68	<5	20	<0.5	<2	2.24	0.8	45	170	254	
S408640		0.11	4.05	4.21	0.8	6.93	35	600	0.8	<2	2.46	1.0	18	65	153	
S408641		0.47	<0.005		<0.5	0.88	<5	160	<0.5	<2	0.23	<0.5	2	33	128	
S408642		0.69	<0.005		<0.5	0.48	10	<10	<0.5	<2	0.83	<0.5	3	35	18	
S408643		0.60	<0.005		<0.5	4.81	102	110	1.7	<2	10.55	0.9	16	44	88	
S408644		0.74	<0.005		<0.5	0.02	<5	<10	<0.5	<2	0.05	<0.5	<1	22	2	
S408645		0.66	<0.005		<0.5	2.55	71	30	0.9	<2	2.90	0.9	10	42	37	
S408646		0.66	<0.005		<0.5	6.49	<5	110	0.5	<2	5.36	0.6	24	77	73	
S408647		0.55	<0.005		<0.5	1.97	<5	80	0.9	<2	7.64	0.7	29	17	1	
S408648		0.61	<0.005		<0.5	2.23	<5	10	0.9	<2	5.41	1.4	61	37	289	
S408649		0.62	<0.005		<0.5	0.96	<5	<10	1.3	<2	10.20	0.7	11	11	11	
S408650		0.64	<0.005		<0.5	0.54	<5	<10	1.0	<2	8.86	1.0	23	12	53	
S408651		0.59	<0.005		<0.5	0.92	<5	<10	<0.5	<2	20.5	<0.5	14	9	2	
S408652		0.56	<0.005		<0.5	2.32	<5	190	0.6	<2	0.36	<0.5	8	62	14	
S408653		0.43	<0.005		<0.5	4.16	<5	40	0.9	<2	8.43	0.8	61	76	862	
S408654		0.51	<0.005		<0.5	1.66	<5	150	0.5	<2	13.10	<0.5	8	23	21	
S408655		0.76	<0.005		<0.5	0.75	5	70	<0.5	<2	5.36	<0.5	5	57	6	
S408656		0.58	<0.005		<0.5	3.16	13	360	1.0	<2	13.45	0.9	14	48	35	
S408657		0.54	<0.005		<0.5	1.83	5	10	0.9	<2	15.25	0.6	28	20	17	
S408658		0.59	<0.005		<0.5	5.97	<5	140	0.7	3	4.62	0.5	44	57	20	
S408659		0.85	<0.005		<0.5	2.95	5	40	<0.5	<2	11.00	<0.5	8	21	4	
S408660		0.82	<0.005		<0.5	8.54	<5	1230	1.4	2	2.94	0.5	23	101	73	
S408679		0.99	0.963		13.5	1.30	>10000	60	<0.5	224	0.12	<0.5	651	8	>10000	1.530
S408680		0.11	4.03	4.14	0.8	6.92	68	600	0.8	<2	2.46	1.2	18	66	165	
S408681		0.76	1.220		38.2	0.65	>10000	20	<0.5	600	0.09	42.0	879	5	9700	
S408682		0.76	0.370		3.2	0.34	1925	<10	<0.5	37	0.03	<0.5	309	8	7040	
S408683		1.13	5.66	5.20	27.3	0.02	>10000	<10	<0.5	308	0.02	<0.5	1085	11	>10000	1.055
S408684		1.14	2.11		3.5	0.01	981	<10	<0.5	13	0.19	2.7	51	71	>10000	1.145
S408685		0.85	1.055		27.9	0.61	>10000	30	<0.5	443	0.09	46.6	804	4	9250	
S408686		0.92	<0.005		<0.5	0.04	112	<10	<0.5	<2	1.54	<0.5	119	45	586	
S408687		0.83	0.009		<0.5	0.10	362	<10	<0.5	<2	1.65	1.1	590	36	1430	
S408688		0.85	<0.005		<0.5	6.51	36	40	<0.5	8	5.64	0.8	117	6	263	
S408689		2.45	0.345		<0.5	5.61	<5	160	<0.5	7	2.05	0.5	47	8	162	
S408690		1.04	3.42	3.29	<0.5	4.77	<5	70	<0.5	2	1.63	<0.5	42	20	198	
S408691		2.19	0.455		<0.5	5.34	<5	90	<0.5	2	1.72	0.6	45	20	197	
S408692		2.16	1.560		<0.5	5.70	<5	70	<0.5	3	2.34	<0.5	38	14	165	
S408693		1.60	2.08		<0.5	6.04	<5	80	0.5	<2	3.43	<0.5	32	43	141	

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CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1
S408636		18.65	30	0.63	<10	2.40	1705	1	0.81	127	370	5		0.56	<5	41
S408637		9.62	20	0.19	<10	3.00	1410	<1	2.15	41	440	<2		0.08	<5	37
S408638		1.41	<10	0.02	<10	0.40	167	3	0.08	20	10	<2		0.02	<5	1
S408639		11.05	20	0.08	<10	4.49	1260	<1	1.45	79	610	8		0.75	<5	44
S408640		5.22	20	1.11	10	1.53	896	7	2.20	42	790	50		0.14	6	16
S408641		3.45	<10	0.29	<10	0.36	145	3	0.02	5	990	2		0.51	<5	1
S408642		1.27	<10	0.01	<10	0.61	180	2	0.01	15	60	<2		0.14	<5	<1
S408643		7.42	10	1.63	30	6.83	429	3	0.01	31	>10000	12		0.92	<5	8
S408644		0.35	<10	0.01	<10	0.02	19	1	<0.01	<1	220	<2		0.11	<5	<1
S408645		9.60	10	0.45	30	2.10	2330	2	<0.01	25	9230	4		0.07	<5	4
S408646		5.62	20	0.36	<10	2.78	791	1	1.06	33	210	9		0.01	<5	19
S408647		7.63	<10	0.89	<10	11.55	1605	<1	0.06	12	10	2		<0.01	<5	8
S408648		13.95	10	0.02	<10	12.10	1260	<1	0.01	15	910	3		1.25	<5	9
S408649		4.34	<10	0.01	<10	13.30	1270	<1	0.02	3	140	2		0.01	<5	7
S408650		10.95	<10	0.01	<10	12.35	1080	<1	0.01	8	460	<2		0.06	<5	3
S408651		2.16	<10	<0.01	10	11.65	3100	<1	<0.01	11	380	<2		<0.01	<5	3
S408652		2.31	10	1.08	10	0.76	216	2	0.01	11	120	7		0.03	<5	6
S408653		8.75	10	0.21	10	9.71	1620	<1	0.14	47	1320	3		0.74	<5	24
S408654		3.38	10	0.68	10	7.29	2090	<1	0.45	9	1210	11		0.24	<5	7
S408655		2.32	<10	0.41	<10	2.55	545	3	0.03	6	200	3		0.01	<5	4
S408656		5.03	10	1.77	10	7.29	1175	<1	0.05	21	600	9		0.24	<5	13
S408657		3.96	10	0.02	10	12.85	828	<1	0.01	18	830	6		0.52	<5	8
S408658		9.40	20	1.51	10	5.10	1315	<1	1.71	37	1820	<2		0.01	<5	25
S408659		1.57	<10	0.22	<10	6.06	1045	1	2.27	7	300	8		0.05	<5	3
S408660		5.82	20	1.94	30	2.03	598	2	2.64	63	990	14		0.19	<5	16
S408679		46.1	10	0.43	30	0.49	65	7	0.10	204	60	129		>10.0	130	4
S408680		5.32	20	1.10	10	1.52	882	7	2.19	42	770	47		0.27	6	16
S408681		44.9	10	0.17	10	0.25	127	7	0.07	286	70	358		>10.0	359	2
S408682		>50	10	0.01	<10	0.19	33	5	0.15	228	30	22		>10.0	<5	1
S408683		39.4	<10	<0.01	40	<0.01	18	2	<0.01	33	20	141		>10.0	135	<1
S408684		5.86	<10	<0.01	<10	0.01	85	6	<0.01	22	20	5		3.94	<5	<1
S408685		43.4	10	0.16	10	0.24	127	7	0.06	284	80	255		>10.0	261	1
S408686		2.99	<10	0.01	<10	0.01	140	3	0.01	42	<10	<2		1.87	<5	<1
S408687		13.35	<10	<0.01	<10	0.04	178	2	0.01	201	<10	<2		7.73	<5	1
S408688		16.85	30	0.11	<10	2.67	1780	3	0.14	11	360	9		0.80	10	66
S408689		16.80	20	0.44	10	1.68	2850	1	1.58	1	1120	3		0.74	<5	36
S408690		14.15	20	0.19	<10	1.51	2290	2	1.05	2	1060	2		0.88	<5	25
S408691		15.60	20	0.25	10	1.63	2540	1	1.24	3	2590	3		0.89	<5	24
S408692		15.75	30	0.17	20	1.79	2270	2	1.06	2	5280	2		0.85	<5	22
S408693		11.95	30	0.19	20	1.23	1575	<1	1.53	10	2160	3		0.62	<5	25

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CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408636		125	<20	2.25	<10	<10	2110	<10	173	
S408637		116	<20	0.94	<10	<10	473	<10	134	
S408638		4	<20	0.02	<10	<10	36	<10	17	
S408639		42	<20	0.92	<10	<10	426	<10	113	
S408640		272	<20	0.37	<10	<10	142	40	299	
S408641		2	<20	0.05	<10	<10	33	<10	10	
S408642		5	<20	0.01	<10	<10	8	<10	10	
S408643		87	<20	0.27	<10	60	104	10	79	
S408644		<1	<20	<0.01	<10	<10	2	<10	<2	
S408645		34	<20	0.10	<10	10	89	<10	53	
S408646		222	<20	0.30	<10	<10	155	<10	62	
S408647		4	<20	0.30	<10	<10	61	<10	104	
S408648		2	<20	0.61	<10	<10	116	<10	67	
S408649		11	<20	0.15	<10	<10	19	<10	53	
S408650		6	<20	0.10	<10	<10	20	<10	42	
S408651		64	<20	0.08	<10	<10	41	<10	30	
S408652		7	<20	0.11	<10	<10	66	<10	30	
S408653		32	<20	1.20	<10	<10	255	<10	105	
S408654		93	<20	0.25	<10	<10	84	<10	41	
S408655		60	<20	0.10	<10	<10	40	<10	21	
S408656		162	<20	0.50	<10	<10	158	<10	53	
S408657		54	<20	0.40	<10	<10	71	<10	65	
S408658		56	<20	1.07	<10	<10	331	<10	166	
S408659		76	<20	0.09	<10	<10	17	<10	18	
S408660		584	<20	0.58	<10	<10	155	<10	123	
S408679		3	<20	0.09	<10	<10	38	<10	233	
S408680		271	<20	0.37	<10	<10	142	40	298	
S408681		1	<20	0.04	<10	<10	18	<10	9590	
S408682		<1	<20	0.01	<10	<10	21	<10	143	
S408683		<1	<20	<0.01	<10	<10	2	<10	283	
S408684		2	<20	<0.01	<10	<10	<1	<10	655	
S408685		<1	<20	0.04	10	<10	18	<10	>10000	1.180
S408686		4	<20	<0.01	<10	<10	1	<10	4	
S408687		3	<20	<0.01	<10	<10	4	<10	7	
S408688		160	<20	2.48	10	<10	624	<10	162	
S408689		50	<20	1.82	10	<10	31	<10	121	
S408690		22	<20	1.56	10	<10	24	<10	109	
S408691		32	<20	1.53	<10	<10	25	<10	119	
S408692		39	<20	1.40	<10	<10	19	<10	124	
S408693		118	<20	0.88	<10	<10	22	<10	89	

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408694		2.48	0.006		<0.5	6.20	6	130	0.5	<2	1.99	<0.5	29	13	79	
S408695		2.88	0.698		<0.5	6.06	<5	130	0.6	<2	2.75	<0.5	17	15	174	
S408696		2.71	2.39		<0.5	4.82	<5	20	<0.5	<2	2.10	<0.5	19	30	136	
S408697		3.55	<0.005		<0.5	2.28	<5	300	<0.5	<2	1.09	<0.5	5	31	14	
S408698		0.64	<0.005		<0.5	6.60	<5	110	0.6	<2	1.47	<0.5	12	11	1	
S408699		0.62	0.005		<0.5	2.43	<5	30	<0.5	<2	2.87	<0.5	4	33	4	
S408700		1.12	<0.005		<0.5	6.98	<5	890	1.2	<2	2.44	<0.5	17	94	17	

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S408694		10.70	30	0.25	20	1.14	1590	1	2.40	3	1370	6		0.49	<5	27
S408695		9.71	20	0.28	20	0.82	1410	1	2.68	2	1350	3		0.89	<5	28
S408696		7.49	20	0.05	10	0.85	758	2	1.98	3	930	<2		0.85	6	27
S408697		1.76	10	0.80	20	0.17	251	1	0.43	8	1020	16		0.12	<5	1
S408698		8.60	20	0.21	10	1.12	1320	<1	3.17	3	980	<2		0.04	5	28
S408699		6.93	10	0.12	20	0.89	703	1	0.01	8	7520	7		0.07	<5	2
S408700		4.92	20	1.42	30	1.63	549	2	2.20	39	1020	16		0.06	<5	15

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CERTIFICAT D'ANALYSE VO17176999

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408694		86	<20	0.64	10	<10	13	<10	81	
S408695		114	<20	0.66	10	<10	19	<10	63	
S408696		51	<20	0.57	10	<10	31	<10	56	
S408697		77	<20	0.06	<10	<10	15	<10	24	
S408698		55	<20	0.63	10	<10	8	<10	73	
S408699		60	<20	0.07	<10	<10	22	<10	31	
S408700		502	<20	0.45	<10	<10	128	<10	98	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 1- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17176999

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	Cu- OG62	ME- ICP61
	ME- OG62	Pb- OG62	Zn- OG62	

Traité à ALS Tucson, Arizona, USA

Applique à la Méthode:				
	BAG- 01	CRU- 32	CRU- QC	LOG- 22
	LOG- 24	OA- HSUL10	PUL- 32	PUL- QC
	SPL- 21	WEI- 21		

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Finalisée date: 3- OCT- 2017
Compte: MIDEXP

CERTIFICAT VO17177779

Projet: Willbob project

Ce rapport s'applique aux 49 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 23- AOUT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02a	Localiser échantillon au laboratoire subsidiair

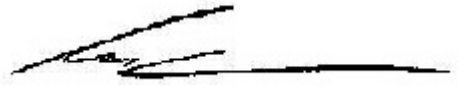
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Pb- OG62	Teneur marchande Pb - quatre acides	ICP- AES
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17177779

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
S408248		<0.5	0.36	<5	10	<0.5	<2	3.69	<0.5	3	19	43		0.94	<10	0.02
S408249		<0.5	3.23	<5	40	<0.5	<2	9.16	0.5	22	68	43		4.29	10	0.07
S408250		<0.5	0.26	6	10	<0.5	<2	0.18	<0.5	7	21	45		0.87	<10	0.01
S408251		<0.5	4.60	6	20	<0.5	3	1.85	<0.5	33	100	271		6.87	10	0.03
S408252		<0.5	1.95	<5	10	<0.5	<2	0.39	<0.5	21	34	206		5.88	10	0.01
S408256		<0.5	7.11	<5	20	<0.5	<2	13.25	0.7	19	82	88		6.29	30	0.03
S408257		<0.5	9.06	<5	20	<0.5	6	8.94	0.6	15	271	80		10.50	40	0.03
S408258		<0.5	4.85	<5	10	<0.5	3	9.02	0.5	11	86	34		6.79	20	0.03
S408259		<0.5	0.38	17	<10	<0.5	<2	0.18	<0.5	8	26	89		1.46	<10	0.01
S408260		<0.5	7.66	<5	1110	1.2	2	2.47	<0.5	19	97	24		5.73	20	1.84
S408280		0.7	7.07	28	600	0.8	<2	2.44	0.8	18	64	150		5.21	20	1.09
S408281		<0.5	7.92	99	170	<0.5	3	3.27	<0.5	34	214	22		7.41	20	0.17
S408282		<0.5	0.11	749	10	<0.5	<2	0.67	<0.5	1	28	6		1.16	<10	0.01
S408283		<0.5	8.37	47	650	<0.5	3	2.29	<0.5	42	75	14		9.23	20	0.49
S408284		<0.5	0.74	<5	260	<0.5	<2	1.05	<0.5	1	46	4		1.26	<10	0.32
S408285		<0.5	0.03	<5	<10	<0.5	<2	0.21	<0.5	2	30	5		0.89	<10	0.01
S408286		<0.5	5.51	<5	640	2.9	2	4.06	<0.5	13	23	30		5.33	10	0.25
S408287		<0.5	3.67	27	110	<0.5	<2	2.57	<0.5	24	159	8		4.01	10	0.15
S408288		<0.5	5.39	<5	630	2.8	3	3.96	<0.5	13	20	29		5.19	10	0.24
S408289		<0.5	8.50	14	70	<0.5	<2	7.71	<0.5	41	217	99		7.08	20	0.22
S408290		<0.5	7.33	19	40	<0.5	2	7.64	0.5	42	69	29		8.02	20	0.06
S408291		2.8	0.24	5	<10	<0.5	4	0.29	1.9	1	22	5		1.23	<10	<0.01
S408292		7.6	0.22	<5	<10	<0.5	6	0.71	3.2	1	27	5		1.23	<10	0.01
S408293		<0.5	0.47	<5	<10	<0.5	2	1.16	0.6	5	27	173		1.64	<10	<0.01
S408294		<0.5	8.95	16	10	<0.5	3	2.42	0.9	54	38	536		9.14	20	0.01
S408429		0.8	8.05	185	100	<0.5	<2	6.31	2.8	67	128	2030		6.84	10	0.21
S408430		<0.5	4.31	6	70	<0.5	<2	0.43	<0.5	17	152	14		4.12	10	0.18
S408431		<0.5	7.34	<5	10	<0.5	<2	8.05	0.6	83	110	402		9.46	10	0.05
S408432		<0.5	7.39	29	<10	<0.5	4	6.19	0.5	128	128	864		10.40	10	0.01
S408433		<0.5	2.25	<5	<10	<0.5	<2	2.41	<0.5	9	28	286		3.53	<10	0.01
S408434		<0.5	3.24	<5	180	0.8	<2	0.82	<0.5	3	31	17		5.52	10	0.88
S408435		<0.5	5.11	<5	200	0.7	<2	0.17	<0.5	22	58	298		20.3	10	1.19
S408447		<0.5	6.74	<5	20	<0.5	<2	7.73	1.1	91	62	1895		8.88	10	0.07
S408448		<0.5	6.89	<5	280	1.9	2	1.00	<0.5	5	36	187		5.57	20	1.38
S408449		<0.5	6.35	<5	410	1.3	2	1.07	<0.5	13	28	26		9.78	20	2.00
S408450		<0.5	7.25	28	30	<0.5	2	3.22	0.7	28	31	403		7.43	10	0.07
S408451		1.4	0.11	<5	10	<0.5	2	0.38	1.6	2	31	1255		1.14	<10	0.02
S408455		<0.5	0.11	<5	<10	<0.5	<2	6.75	<0.5	8	17	100		0.95	<10	0.01
S408456		<0.5	2.98	<5	10	<0.5	<2	3.04	<0.5	18	88	29		4.82	10	0.04
S408457		<0.5	1.54	6	20	<0.5	3	0.95	<0.5	9	26	140		2.13	<10	0.03

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Finalisée date: 3- OCT- 2017
Compte: MIDEXP

Projet: Willbob project

CERTIFICAT D'ANALYSE VO17177779

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
S408248		<10	0.12	290	1	0.10	6	10	6		0.02	<5	1	32	<20	0.01
S408249		<10	1.35	970	1	0.45	33	190	3		0.03	<5	16	102	<20	0.29
S408250		<10	0.05	121	<1	0.09	9	10	2		0.07	<5	<1	11	<20	0.01
S408251		<10	2.37	941	<1	1.00	49	190	<2		0.06	<5	24	83	<20	0.42
S408252		<10	1.41	558	1	0.02	34	40	2		0.42	<5	6	5	<20	0.09
S408256		<10	1.40	1570	1	0.70	51	340	2		0.98	<5	24	213	<20	0.37
S408257		10	3.79	1360	1	0.74	107	790	<2		0.88	<5	76	161	<20	1.33
S408258		<10	3.16	1335	<1	0.36	26	320	4		0.28	<5	17	77	<20	0.27
S408259		<10	0.11	111	1	0.05	32	50	2		0.08	<5	<1	8	<20	0.01
S408260		40	1.75	645	1	2.29	45	820	11		0.05	<5	18	525	<20	0.54
S408280		10	1.51	883	7	2.20	42	750	46		0.14	<5	16	275	<20	0.37
S408281		10	3.48	1235	1	3.16	107	540	4		0.04	<5	27	227	<20	0.47
S408282		<10	0.04	217	1	0.04	5	30	4		0.04	<5	1	14	<20	0.01
S408283		10	4.28	1025	<1	2.11	92	880	<2		0.03	<5	34	168	<20	1.00
S408284		<10	0.40	277	1	0.06	4	240	<2		0.01	<5	8	36	<20	0.02
S408285		<10	0.01	127	1	0.01	3	10	<2		0.02	<5	<1	5	<20	<0.01
S408286		<10	1.61	3550	1	0.60	26	10	<2		0.05	<5	<1	266	<20	0.01
S408287		<10	2.44	741	<1	0.45	104	540	<2		<0.01	<5	13	84	<20	0.26
S408288		<10	1.60	3440	1	0.59	26	10	<2		0.05	<5	<1	261	<20	0.01
S408289		10	4.49	1130	1	1.77	135	420	<2		0.19	<5	33	298	<20	0.60
S408290		10	3.79	1455	<1	1.25	88	1190	<2		0.01	<5	33	874	<20	0.97
S408291		<10	0.17	172	1	0.04	5	30	7940		0.12	<5	1	4	<20	0.01
S408292		<10	0.15	173	1	0.02	3	10	>10000	1.340	0.20	<5	2	5	<20	<0.01
S408293		<10	0.34	282	1	0.04	5	40	336		0.02	<5	4	7	<20	0.14
S408294		<10	4.65	1525	<1	3.04	82	400	28		0.03	<5	44	101	<20	0.79
S408429		<10	6.06	1365	<1	1.23	409	130	45		0.21	<5	33	64	<20	0.23
S408430		<10	2.85	658	1	0.99	60	60	3		<0.01	<5	17	14	<20	0.13
S408431		<10	5.48	1340	<1	0.76	98	120	4		1.57	<5	37	80	<20	0.22
S408432		<10	5.94	1510	<1	0.23	250	170	20		1.98	<5	37	74	<20	0.28
S408433		<10	2.09	735	1	0.13	25	80	387		0.06	<5	3	9	<20	0.05
S408434		10	1.00	1010	1	0.52	8	380	8		0.16	<5	7	32	<20	0.17
S408435		30	2.63	2170	3	0.05	38	550	7		2.64	<5	11	14	<20	0.22
S408447		<10	4.66	1285	<1	1.04	195	160	<2		1.14	<5	41	84	<20	0.29
S408448		20	0.92	552	4	3.71	11	420	17		0.67	<5	12	66	<20	0.44
S408449		20	2.10	1945	1	1.27	18	540	112		0.05	<5	17	77	<20	0.44
S408450		<10	3.84	1155	<1	2.40	57	210	4		0.05	<5	41	40	<20	0.38
S408451		<10	0.06	164	1	0.02	7	10	144		0.14	<5	1	3	<20	0.01
S408455		<10	0.06	411	1	0.03	22	20	2		0.10	<5	6	43	<20	<0.01
S408456		<10	1.67	779	1	0.71	42	130	<2		0.01	<5	19	60	<20	0.30
S408457		<10	0.61	334	<1	0.18	13	50	3		0.02	<5	2	15	<20	0.02

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CERTIFICAT D'ANALYSE VO17177779

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S408248		<10	<10	11	<10	6
S408249		<10	<10	151	<10	41
S408250		<10	<10	6	<10	5
S408251		<10	<10	215	<10	71
S408252		<10	<10	54	<10	51
S408256		<10	<10	334	<10	59
S408257		<10	<10	596	<10	166
S408258		<10	<10	231	<10	116
S408259		<10	<10	19	<10	4
S408260		<10	<10	146	<10	104
S408280		<10	<10	142	40	294
S408281		<10	<10	203	<10	115
S408282		<10	<10	4	<10	2
S408283		<10	<10	271	<10	121
S408284		<10	<10	66	<10	7
S408285		<10	<10	1	<10	<2
S408286		<10	<10	36	<10	138
S408287		<10	<10	98	<10	58
S408288		<10	<10	36	<10	135
S408289		<10	<10	228	<10	68
S408290		<10	<10	245	<10	92
S408291		<10	<10	18	<10	5
S408292		<10	<10	29	<10	7
S408293		<10	<10	69	<10	20
S408294		<10	<10	417	<10	134
S408429		<10	<10	169	<10	89
S408430		<10	<10	95	<10	50
S408431		<10	<10	181	<10	65
S408432		<10	<10	198	<10	75
S408433		<10	<10	41	<10	35
S408434		<10	<10	76	<10	73
S408435		<10	<10	173	<10	145
S408447		<10	<10	213	<10	60
S408448		<10	<10	115	<10	52
S408449		<10	<10	166	<10	147
S408450		<10	<10	217	<10	95
S408451		<10	<10	5	<10	45
S408455		<10	<10	9	<10	3
S408456		<10	<10	154	<10	44
S408457		<10	<10	65	<10	20

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S408458		<0.5	3.56	9	10	<0.5	<2	3.00	<0.5	28	102	123		5.07	10	0.03
S408459		<0.5	7.05	9	40	<0.5	<2	2.96	<0.5	41	98	485		11.60	20	0.10
S408460		<0.5	7.40	<5	1020	1.2	<2	2.42	<0.5	24	106	40		6.44	20	1.77
S408461		<0.5	0.38	5	10	<0.5	<2	1.47	<0.5	6	22	264		1.34	<10	0.01
S408469		28.0	2.19	411	10	<0.5	<2	0.73	49.6	267	24	>10000	4.15	8.54	10	0.02
S408470		0.7	6.53	50	10	<0.5	<2	1.89	0.9	53	12	1220		12.95	20	0.01
S408471		20.2	0.08	<5	<10	<0.5	8	2.50	17.9	4	25	1785		0.91	<10	<0.01
S408472		2.3	2.19	<5	<10	<0.5	<2	0.87	5.4	23	19	1975		4.72	<10	<0.01
S408473		<0.5	5.54	5	10	<0.5	<2	7.40	<0.5	39	32	160		6.98	10	0.04

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CERTIFICAT D'ANALYSE VO17177779

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
S408458		<10	1.95	727	<1	0.70	54	240	<2		0.08	<5	19	50	<20	0.36
S408459		10	0.79	637	<1	3.85	50	460	12		1.53	<5	39	47	<20	0.85
S408460		40	1.89	775	1	2.06	51	880	17		0.09	<5	22	478	<20	0.61
S408461		<10	0.21	259	1	0.06	17	30	<2		0.08	<5	1	9	<20	0.01
S408469		<10	1.34	538	1	0.37	247	50	6		4.40	<5	15	6	<20	0.19
S408470		<10	4.13	1595	<1	0.74	88	240	<2		0.14	<5	46	16	<20	1.03
S408471		<10	0.05	165	1	0.01	4	10	>10000	4.33	0.83	18	1	6	<20	0.01
S408472		<10	1.86	668	1	0.04	38	10	1010		0.18	<5	1	3	<20	0.01
S408473		<10	3.44	1270	<1	1.13	53	140	50		0.14	<5	34	158	<20	0.34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 3- OCT- 2017
Compte: MIDEXP

Projet: Willbob project

CERTIFICAT D'ANALYSE VO17177779

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S408458		<10	<10	179	<10	52
S408459		<10	<10	371	<10	106
S408460		<10	<10	169	<10	108
S408461		<10	<10	15	<10	11
S408469		<10	<10	154	<10	536
S408470		<10	<10	1080	<10	134
S408471		<10	<10	9	<10	15
S408472		<10	<10	78	<10	92
S408473		<10	<10	249	<10	69

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Finalisée date: 3- OCT- 2017
Compte: MIDEXP

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CERTIFICAT D'ANALYSE VO17177779

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02a

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Cu- OG62 ME- ICP61 ME- OG62 Pb- OG62

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 20- SEPT- 2017
Compte: MIDEXP

CERTIFICAT VO17190489

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 12 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 6- SEPT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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2103 Dollarton Hwy
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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 20- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17190489

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005
S408519		0.78	<0.005
S408520		0.76	<0.005
S408521		0.94	0.019
S408522		0.84	0.041
S408523		0.78	0.137
S408524		0.64	0.079
S408525		0.94	0.037
S408526		0.58	0.024
S408527		0.80	<0.005
S408528		0.34	0.007
S408529		0.66	<0.005
S408530		0.74	<0.005

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Finalisée date: 20- SEPT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17190489

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Zacatecas, Transito Pesado S/n, Bodega 100, 200, 300 y 400, Frente a Central Camionera, Col. Lomas de la Isabelica, Zacatecas, ZACATECAS, Mexico.

Applique à la Méthode:				
	BAG- 01	CRU- 32	CRU- QC	LOG- 22
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au- AA23

ALS Canada Ltd.

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 19- OCT- 2017
Compte: MIDEXP

CERTIFICAT VO17190491

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 83 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 6- SEPT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 19- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17190491

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S408701		0.56	<0.005		<0.5	0.42	<5	70	<0.5	<2	6.20	<0.5	6	14	9	2.29
S408702		0.76	<0.005		<0.5	0.84	5	40	<0.5	4	17.40	0.5	7	6	1	1.77
S408703		0.60	<0.005		<0.5	1.42	<5	120	<0.5	2	6.50	<0.5	11	28	29	3.23
S408704		0.72	0.005		<0.5	1.00	<5	110	<0.5	4	14.75	<0.5	9	24	24	3.08
S408705		0.66	<0.005		<0.5	1.47	<5	140	<0.5	2	12.80	<0.5	7	20	4	2.62
S408706		0.56	<0.005		<0.5	2.12	10	60	<0.5	<2	7.40	<0.5	19	24	74	3.93
S408707		0.68	0.005		<0.5	1.17	<5	50	<0.5	<2	7.22	<0.5	4	18	3	2.46
S408708		0.56	<0.005		<0.5	3.71	<5	80	0.6	3	8.56	<0.5	20	34	4	5.96
S408709		0.94	<0.005		<0.5	3.66	<5	<10	<0.5	<2	1.90	<0.5	20	31	20	5.87
S408710		0.76	0.006		<0.5	5.81	11	20	<0.5	2	5.80	<0.5	27	123	117	6.96
S408711		0.74	<0.005		1.6	0.37	6	10	<0.5	<2	0.93	<0.5	29	10	1065	18.55
S408712		0.66	<0.005		<0.5	7.41	<5	30	<0.5	4	4.18	<0.5	40	171	47	9.35
S408713		0.76	<0.005		<0.5	7.07	<5	20	<0.5	4	4.94	<0.5	51	155	130	11.15
S408714		0.86	<0.005		<0.5	5.57	<5	80	<0.5	4	9.13	1.0	12	91	433	6.03
S408715		0.60	<0.005		<0.5	7.47	<5	40	<0.5	5	2.07	0.7	29	177	307	15.70
S408716		1.10	<0.005		<0.5	5.54	<5	290	0.8	<2	9.61	<0.5	18	101	93	6.43
S408717		1.08	0.017		<0.5	4.19	865	330	1.0	<2	0.96	12.0	97	76	896	29.9
S408718		0.64	0.006		<0.5	6.77	24	100	<0.5	3	8.52	<0.5	41	137	63	8.82
S408719		0.62	<0.005		<0.5	6.17	<5	10	<0.5	3	3.99	<0.5	29	106	156	9.07
S408720		0.10	4.22	4.29	<0.5	7.18	32	610	0.8	5	2.46	0.8	19	62	151	5.34
S408721		0.78	0.005		<0.5	0.08	<5	<10	<0.5	<2	0.08	<0.5	1	37	648	2.82
S408722		0.60	<0.005		<0.5	6.07	13	640	1.3	<2	0.94	<0.5	14	65	7	4.63
S408723		0.82	<0.005		<0.5	8.28	9	1200	2.0	8	0.66	<0.5	14	97	3	4.46
S408724		0.88	0.706		<0.5	8.02	6290	50	1.2	8	0.92	<0.5	38	3	26	13.75
S408725		0.62	1.230		<0.5	1.02	887	10	<0.5	<2	0.24	<0.5	7	18	36	3.73
S408726		1.10	2.16		<0.5	5.36	1235	80	0.7	7	1.35	<0.5	14	12	144	6.84
S408727		0.68	<0.005		<0.5	7.55	44	60	0.8	6	3.15	<0.5	34	3	1	12.10
S408728		0.72	0.019		<0.5	5.05	2910	70	0.6	2	4.08	<0.5	17	11	1	6.22
S408729		0.72	<0.005		<0.5	6.15	28	60	0.7	5	3.14	<0.5	36	4	17	9.36
S408730		0.82	<0.005		<0.5	6.43	201	80	0.6	4	2.94	<0.5	44	4	1	11.20
S408731		0.90	<0.005		<0.5	3.66	10	60	<0.5	5	1.91	<0.5	15	12	6	3.61
S408732		0.76	0.005		<0.5	0.28	7	20	<0.5	2	0.09	0.6	35	15	291	14.35
S408733		0.70	<0.005		<0.5	1.36	<5	60	0.5	<2	0.22	<0.5	9	29	259	24.5
S408734		0.64	<0.005		<0.5	3.43	<5	180	1.5	6	0.07	0.5	8	31	62	21.2
S408735		0.74	<0.005		<0.5	0.19	<5	10	<0.5	<2	0.04	<0.5	1	21	4	1.70
S408736		0.72	<0.005		<0.5	0.09	<5	10	<0.5	<2	0.10	<0.5	<1	46	5	1.39
S408737		0.90	0.017		<0.5	1.10	41	140	0.5	3	0.16	<0.5	17	24	27	16.40
S408738		0.84	<0.005		<0.5	0.82	<5	20	<0.5	2	0.06	<0.5	6	23	93	7.34
S408739		0.64	0.023		<0.5	0.04	<5	<10	<0.5	2	0.01	<0.5	1	26	8	0.82
S408740		1.04	0.006		<0.5	7.98	<5	1050	1.2	4	2.90	0.5	22	112	46	6.37

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 19- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17190491

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S408701		<10	0.23	<10	3.13	1195	<1	0.01	1	150	7	0.63	<5	2	38	<20
S408702		<10	0.15	10	10.25	1760	<1	0.50	<1	150	8	0.01	<5	2	137	<20
S408703		<10	0.38	10	3.06	625	<1	0.65	6	510	4	0.43	<5	6	71	<20
S408704		<10	0.30	10	8.18	2820	<1	0.44	3	320	25	0.07	<5	4	97	<20
S408705		10	0.82	10	6.00	1450	<1	0.03	2	1110	8	0.02	<5	6	89	<20
S408706		<10	0.32	<10	3.61	1280	1	1.30	22	230	9	1.17	<5	3	59	<20
S408707		<10	0.14	<10	3.49	781	<1	0.79	<1	640	3	0.01	<5	3	100	<20
S408708		10	0.83	10	6.87	1300	<1	0.19	16	1510	3	0.31	5	12	84	<20
S408709		10	0.01	<10	2.83	1005	<1	0.14	24	70	<2	0.06	<5	6	31	<20
S408710		20	0.05	10	3.30	1145	<1	0.95	50	250	<2	0.12	<5	34	73	<20
S408711		<10	0.01	<10	0.68	1200	2	0.01	231	140	6	>10.0	<5	1	41	<20
S408712		20	0.04	10	4.15	1580	<1	1.64	57	210	<2	0.09	<5	47	70	<20
S408713		20	0.04	10	4.84	1630	<1	1.08	68	170	<2	0.05	6	44	71	<20
S408714		20	0.07	<10	1.32	1000	<1	0.04	17	200	3	0.07	<5	22	182	<20
S408715		20	0.19	10	5.34	1740	1	0.01	36	270	<2	0.10	<5	46	23	<20
S408716		20	1.30	10	2.48	987	8	2.09	29	370	3	2.67	5	28	49	<20
S408717		20	2.19	50	0.98	201	20	0.05	268	790	87	>10.0	<5	11	4	<20
S408718		20	0.25	10	4.06	1490	1	1.20	71	360	<2	0.22	5	43	35	<20
S408719		20	0.04	10	3.54	967	8	3.06	69	460	3	1.93	6	38	30	<20
S408720		20	1.10	10	1.54	892	8	2.23	38	760	47	0.15	11	17	277	<20
S408721		<10	0.01	<10	0.04	98	<1	0.01	<1	10	2	0.14	<5	<1	<1	<20
S408722		10	2.24	30	0.84	400	<1	0.25	27	570	42	0.01	<5	7	51	<20
S408723		20	3.96	40	0.75	315	<1	0.34	29	940	23	0.01	<5	10	35	<20
S408724		30	0.14	10	2.14	2050	<1	2.70	<1	710	<2	0.47	6	48	32	<20
S408725		10	0.05	<10	0.38	389	<1	0.08	<1	140	<2	0.19	<5	6	3	<20
S408726		20	0.25	10	0.73	965	<1	2.77	<1	1130	<2	1.21	<5	32	43	<20
S408727		30	0.28	10	2.58	1955	<1	1.72	20	890	<2	0.01	7	49	112	<20
S408728		10	0.26	10	1.00	1245	<1	2.22	<1	730	<2	0.15	5	19	79	<20
S408729		20	0.23	10	1.94	1450	<1	2.10	<1	820	<2	0.15	<5	33	117	<20
S408730		20	0.25	10	2.22	1795	<1	1.61	3	690	2	0.01	<5	45	48	<20
S408731		10	0.21	<10	1.14	697	1	1.54	10	190	<2	<0.01	<5	15	30	<20
S408732		<10	0.13	<10	0.13	686	<1	0.02	48	290	13	9.77	<5	1	16	<20
S408733		<10	0.30	10	1.27	3390	<1	0.01	25	530	2	3.28	<5	3	32	<20
S408734		10	0.74	20	2.15	1520	2	0.01	21	340	21	1.31	<5	5	21	<20
S408735		<10	0.02	<10	0.08	349	<1	<0.01	<1	<10	<2	0.02	<5	<1	3	<20
S408736		<10	0.03	<10	0.05	317	<1	0.01	<1	10	<2	0.10	<5	<1	7	<20
S408737		<10	0.54	20	0.08	533	<1	0.39	11	190	26	>10.0	<5	1	33	<20
S408738		<10	0.03	10	0.40	617	<1	<0.01	23	300	9	1.55	<5	1	9	<20
S408739		<10	0.01	<10	0.01	86	1	0.01	<1	20	2	0.06	<5	<1	1	<20
S408740		20	1.81	40	2.24	809	9	2.32	56	920	15	0.09	<5	28	515	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 19- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17190491

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S408701		0.04	<10	<10	30	<10	12
S408702		0.02	<10	<10	7	<10	116
S408703		0.24	<10	<10	68	<10	37
S408704		0.13	<10	<10	44	<10	54
S408705		0.25	10	<10	76	<10	37
S408706		0.07	<10	<10	28	<10	22
S408707		0.08	<10	<10	26	<10	20
S408708		0.56	<10	<10	208	<10	62
S408709		0.08	<10	<10	106	<10	65
S408710		0.46	10	<10	277	<10	67
S408711		0.01	<10	<10	26	<10	24
S408712		0.69	<10	<10	355	<10	129
S408713		0.62	<10	<10	336	<10	120
S408714		0.32	<10	<10	208	<10	143
S408715		0.67	10	<10	355	<10	132
S408716		0.45	<10	<10	266	<10	55
S408717		0.44	10	<10	166	<10	3350
S408718		0.64	10	<10	325	<10	104
S408719		0.76	<10	<10	362	<10	70
S408720		0.37	<10	<10	147	40	296
S408721		0.01	<10	<10	4	<10	3
S408722		0.36	<10	<10	62	<10	92
S408723		0.55	<10	<10	84	<10	70
S408724		1.29	<10	<10	303	10	189
S408725		0.26	<10	<10	52	<10	35
S408726		1.11	<10	<10	86	10	73
S408727		1.25	<10	<10	650	<10	166
S408728		0.35	<10	<10	70	<10	57
S408729		0.52	<10	<10	116	<10	118
S408730		0.60	<10	<10	276	<10	148
S408731		0.31	<10	<10	121	<10	38
S408732		0.02	<10	<10	4	<10	17
S408733		0.09	<10	<10	21	<10	67
S408734		0.12	<10	<10	37	<10	47
S408735		<0.01	<10	<10	3	<10	4
S408736		<0.01	<10	<10	1	<10	2
S408737		0.06	<10	<10	5	<10	9
S408738		0.03	<10	<10	10	<10	19
S408739		0.01	<10	<10	1	<10	<2
S408740		0.63	<10	<10	183	<10	115

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S408741		0.60	<0.005		<0.5	0.85	<5	30	<0.5	<2	0.16	<0.5	4	28	17	4.85
S408742		1.10	<0.005		<0.5	0.04	<5	<10	<0.5	<2	0.02	<0.5	2	42	27	1.13
S408743		0.62	0.012		<0.5	2.66	<5	70	0.5	<2	0.48	0.7	14	56	2	16.80
S408744		0.70	0.015		<0.5	2.18	<5	230	1.4	<2	0.39	<0.5	9	22	225	24.5
S408745		0.66	0.218		<0.5	0.06	<5	10	<0.5	<2	0.04	<0.5	<1	22	12	1.81
S408746		0.78	<0.005		<0.5	2.28	<5	30	<0.5	3	0.34	0.5	11	34	36	6.61
S408747		0.54	<0.005		<0.5	0.13	<5	20	<0.5	<2	0.29	<0.5	3	23	6	5.16
S408748		0.70	<0.005		<0.5	0.78	<5	10	0.7	<2	0.13	<0.5	1	53	5	0.67
S408749		0.98	0.021		2.1	2.58	32	140	1.7	<2	1.43	13.1	31	47	332	16.35
S408750		0.72	0.067		2.2	2.40	10	170	3.8	2	1.00	12.2	31	52	195	13.90
S408751		0.60	<0.005		<0.5	7.13	5	<10	<0.5	5	7.59	0.5	44	164	136	8.61
S408752		0.64	0.013		<0.5	3.48	<5	10	<0.5	<2	1.62	0.5	55	83	352	11.90
S408753		0.64	<0.005		<0.5	0.17	<5	<10	<0.5	<2	0.20	<0.5	1	27	4	0.88
S408754		0.80	0.017		<0.5	5.80	<5	370	0.5	5	3.68	0.6	48	138	250	11.30
S408755		0.82	0.112		2.3	1.58	<5	10	<0.5	4	1.68	8.4	91	31	2460	27.6
S408756		0.82	0.011		<0.5	2.79	<5	20	<0.5	6	0.75	1.9	60	56	391	23.2
S408757		0.64	<0.005		<0.5	0.06	<5	10	<0.5	2	0.28	<0.5	1	29	26	1.02
S408758		0.78	<0.005		<0.5	8.91	<5	40	0.9	5	1.72	<0.5	31	203	128	9.53
S408759		0.64	<0.005		<0.5	7.38	<5	30	0.7	3	1.39	4.6	19	165	109	7.04
S408760		0.12	4.15	3.91	0.9	6.93	32	590	0.8	3	2.36	0.9	19	61	144	5.21
S408761		0.80	0.015		<0.5	4.34	51	120	0.9	<2	0.93	0.7	67	75	486	20.7
S408762		0.52	<0.005		<0.5	0.07	<5	<10	<0.5	3	0.04	<0.5	1	38	6	1.10
S408763		0.54	0.314		<0.5	1.81	15	10	<0.5	2	0.58	<0.5	13	31	86	3.08
S408764		0.50	0.087		<0.5	6.38	<5	170	0.6	2	4.51	<0.5	24	19	215	11.70
S408765		0.68	<0.005		<0.5	5.19	<5	110	<0.5	7	5.70	<0.5	32	5	1	10.85
S408766		0.52	0.014		<0.5	3.97	6	10	<0.5	6	7.40	0.5	30	20	316	7.46
S408767		0.62	2.77		<0.5	6.32	<5	10	0.6	4	1.53	<0.5	35	41	337	11.55
S408768		0.48	0.620		<0.5	7.40	<5	130	0.7	6	1.44	<0.5	27	60	247	12.30
S408769		0.82	0.006		<0.5	8.21	<5	10	0.9	6	1.64	<0.5	31	14	265	6.89
S408770		0.96	1.350		<0.5	2.92	<5	<10	<0.5	3	1.42	<0.5	1	23	4	2.24
S408771		0.68	1.200		<0.5	6.97	<5	170	0.8	3	3.78	<0.5	10	10	119	8.23
S408772		0.80	0.630		<0.5	7.21	<5	10	0.5	8	1.28	<0.5	34	18	376	9.36
S408773		0.70	1.235		<0.5	5.82	<5	60	<0.5	8	1.74	0.5	50	6	279	18.00
S408774		0.90	<0.005		<0.5	6.71	<5	50	<0.5	2	4.90	<0.5	14	158	13	7.25
S408775		0.80	0.006		<0.5	6.24	<5	90	0.8	6	2.65	9.0	10	12	479	5.20
S408776		0.54	0.025		<0.5	1.03	<5	50	<0.5	2	1.00	<0.5	42	29	632	8.91
S408777		0.98	0.099		0.5	0.98	252	50	<0.5	<2	0.08	0.6	125	14	308	38.6
S408778		0.58	0.009		<0.5	1.54	29	90	<0.5	<2	0.63	0.5	56	32	614	36.1
S408779		0.58	<0.005		<0.5	8.23	<5	50	0.7	<2	2.00	<0.5	33	159	139	9.89
S408780		0.46	0.008		<0.5	8.58	<5	920	1.2	7	3.45	<0.5	34	124	162	7.87

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CERTIFICAT D'ANALYSE VO17190491

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S408741		<10	0.08	<10	0.46	1150	<1	0.01	1	390	5	0.07	<5	2	5	<20
S408742		<10	0.01	<10	0.02	84	<1	0.01	3	40	3	0.25	<5	<1	1	<20
S408743		10	0.12	10	2.15	6790	<1	0.03	34	410	26	0.01	<5	10	5	<20
S408744		10	0.60	20	2.35	2980	<1	0.29	17	1590	<2	2.37	<5	3	33	<20
S408745		<10	0.02	<10	0.07	206	<1	0.01	<1	200	4	0.15	<5	<1	1	<20
S408746		10	0.22	10	1.34	663	<1	0.07	17	240	34	0.14	<5	4	8	<20
S408747		<10	0.03	<10	0.50	1505	<1	0.01	2	190	10	0.06	<5	1	4	<20
S408748		<10	0.05	<10	0.03	184	1	0.46	<1	70	7	0.03	<5	<1	38	<20
S408749		10	1.26	20	1.18	4950	67	0.12	190	2150	54	9.06	12	5	45	<20
S408750		10	1.43	20	1.13	4760	82	0.03	102	2900	47	5.86	6	5	31	<20
S408751		20	0.02	<10	4.00	1415	1	0.29	83	400	<2	1.43	10	46	120	<20
S408752		10	0.02	10	2.02	684	4	0.68	70	260	6	5.13	<5	18	30	<20
S408753		<10	0.01	<10	0.10	131	<1	0.01	<1	40	2	0.07	<5	<1	2	<20
S408754		10	0.85	10	3.77	893	8	2.93	64	400	7	5.95	<5	36	30	<20
S408755		<10	0.04	<10	1.88	388	9	1.12	157	140	169	>10.0	<5	6	3	<20
S408756		<10	0.05	40	0.54	165	14	2.10	136	460	13	>10.0	<5	7	9	<20
S408757		<10	0.01	<10	0.04	110	<1	0.01	2	20	2	0.12	<5	<1	1	<20
S408758		20	0.29	10	3.55	774	<1	4.91	73	480	<2	4.33	<5	54	43	<20
S408759		20	0.16	10	3.20	680	4	4.17	49	440	<2	3.77	<5	44	41	<20
S408760		20	1.08	10	1.49	862	8	2.19	38	740	49	0.14	5	16	269	<20
S408761		10	0.83	40	0.85	166	17	2.03	124	280	17	>10.0	<5	9	26	<20
S408762		<10	0.01	<10	0.02	103	1	0.02	1	10	<2	0.11	<5	1	<1	<20
S408763		<10	0.02	<10	0.19	275	1	1.03	1	940	<2	0.41	<5	7	9	<20
S408764		30	0.53	10	0.63	1940	<1	2.19	1	1960	4	1.15	<5	39	184	<20
S408765		20	0.28	10	1.61	1635	1	0.97	<1	620	<2	0.02	7	36	69	<20
S408766		10	0.02	<10	2.38	1550	<1	0.24	36	190	<2	0.04	<5	14	20	<20
S408767		20	0.04	20	1.22	982	1	2.59	9	1750	8	1.94	<5	27	31	<20
S408768		20	0.22	30	1.33	1590	1	3.69	21	1310	<2	1.48	<5	20	45	<20
S408769		10	0.03	10	0.54	541	<1	5.49	2	1660	2	1.14	<5	23	49	<20
S408770		10	0.01	10	0.23	287	<1	1.84	<1	660	2	0.04	<5	14	19	<20
S408771		20	0.31	20	0.43	1360	<1	3.06	<1	1030	3	0.64	<5	30	186	<20
S408772		20	0.02	20	0.98	704	1	3.84	<1	1520	2	1.05	<5	36	30	<20
S408773		20	0.09	10	1.94	1725	<1	0.96	<1	640	<2	1.34	<5	38	16	<20
S408774		20	0.13	10	3.95	1060	1	1.00	58	530	<2	0.08	<5	22	184	<20
S408775		20	0.30	10	0.82	810	1	3.12	<1	1070	2	0.46	<5	24	76	<20
S408776		<10	0.06	10	0.68	283	5	0.05	56	190	4	3.34	<5	3	14	<20
S408777		<10	0.27	<10	0.41	125	13	0.16	286	30	97	>10.0	13	3	<1	<20
S408778		10	0.54	10	0.71	144	8	0.35	214	310	4	>10.0	<5	5	3	<20
S408779		20	0.38	10	4.54	1030	<1	4.16	86	400	3	4.64	<5	50	24	<20
S408780		20	1.60	50	2.99	903	1	2.54	84	1050	16	0.38	<5	29	608	<20

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S408741		0.02	<10	<10	12	<10	24
S408742		<0.01	<10	<10	1	<10	2
S408743		0.02	<10	<10	40	<10	62
S408744		0.08	<10	<10	29	<10	112
S408745		<0.01	<10	<10	1	<10	5
S408746		0.03	<10	<10	35	<10	43
S408747		0.01	<10	<10	2	<10	22
S408748		0.01	<10	<10	2	<10	4
S408749		0.11	10	20	792	<10	1980
S408750		0.11	10	30	953	<10	1540
S408751		0.66	<10	<10	360	<10	155
S408752		0.32	<10	<10	168	<10	85
S408753		0.01	<10	<10	7	<10	5
S408754		0.59	<10	<10	281	<10	151
S408755		0.13	<10	10	79	<10	1915
S408756		0.23	<10	<10	73	<10	365
S408757		<0.01	<10	<10	3	<10	8
S408758		0.82	<10	<10	432	<10	99
S408759		0.71	<10	<10	369	<10	1170
S408760		0.36	<10	<10	142	40	289
S408761		0.30	<10	<10	124	<10	176
S408762		<0.01	<10	<10	2	<10	4
S408763		0.43	<10	<10	13	<10	15
S408764		0.85	10	<10	9	<10	64
S408765		1.15	10	<10	96	<10	130
S408766		0.26	<10	10	187	<10	122
S408767		0.88	10	<10	50	<10	84
S408768		0.91	<10	<10	48	<10	81
S408769		0.97	<10	<10	43	<10	38
S408770		0.43	<10	<10	21	<10	16
S408771		0.68	<10	<10	9	<10	38
S408772		1.01	10	<10	61	<10	64
S408773		2.07	<10	<10	118	<10	122
S408774		0.49	<10	<10	162	<10	118
S408775		0.54	<10	<10	5	<10	2700
S408776		0.12	<10	<10	46	<10	38
S408777		0.06	<10	<10	57	<10	101
S408778		0.16	<10	<10	59	<10	33
S408779		0.71	10	<10	363	<10	205
S408780		0.62	<10	<10	207	<10	142

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S408781		0.66	<0.005		<0.5	1.87	<5	<10	<0.5	2	3.33	<0.5	22	14	39	3.98
S408782		0.62	0.005		<0.5	1.10	<5	10	<0.5	<2	0.93	<0.5	45	44	1235	7.99
S408783		0.52	0.060		0.8	3.20	116	10	<0.5	14	0.47	0.8	79	32	2170	10.95

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S408781		10	0.01	<10	1.37	681	<1	0.01	29	40	<2	0.04	<5	1	7	<20
S408782		<10	0.02	<10	0.34	301	6	0.02	35	80	3	2.35	<5	2	33	<20
S408783		10	0.01	<10	2.51	774	4	0.01	22	110	2	0.98	<5	9	4	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 19- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17190491

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S408781		0.01	<10	<10	41	<10	54
S408782		0.06	<10	<10	47	<10	35
S408783		0.19	<10	<10	155	<10	50

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CERTIFICAT D'ANALYSE VO17190491

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Zacatecas, Transito Pesado S/n, Bodega 100, 200, 300 y 400, Frente a Central Camionera, Col. Lomas de la Isabelica, Zacatecas, ZACATECAS, Mexico.

Applique à la Méthode:				
	BAG- 01	CRU- 32	CRU- QC	LOG- 22
	LOG- 24	PUL- 32	PUL- QC	SPL- 21
	WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

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Finalisée date: 19- OCT- 2017
Compte: MIDEXP

CERTIFICAT VO17203283

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 183 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 19- SEPT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC
OA- HSUL10	Manipulation des échantillons de sulfure

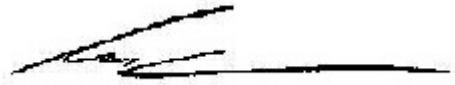
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Zn- OG62	Teneur marchande Zn - quatre acides	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 19- OCT- 2017
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408891		0.52	<0.005		<0.5	0.10	<5	<10	<0.5	<2	0.09	<0.5	1	37	5	
S408892		0.67	0.298		1.2	5.70	8140	20	0.7	<2	0.74	<0.5	82	18	155	
S408893		0.84	<0.005		<0.5	7.07	36	30	0.9	<2	0.71	<0.5	63	13	206	
S408894		0.63	0.017		<0.5	5.45	7	40	0.6	<2	3.46	<0.5	27	6	25	
S408895		0.56	<0.005		<0.5	4.30	<5	10	1.1	<2	6.68	<0.5	36	14	278	
S408896		0.41	<0.005		<0.5	6.43	14	110	<0.5	<2	1.18	<0.5	25	572	59	
S408897		0.37	0.036		0.9	0.12	15	10	<0.5	<2	1.71	0.7	5	27	1475	
S408898		0.41	0.025		<0.5	5.88	91	290	<0.5	<2	4.70	<0.5	66	5	389	
S408899		0.48	<0.005		<0.5	6.39	13	20	<0.5	<2	6.40	<0.5	61	4	81	
S408900		0.74	<0.005		<0.5	7.34	<5	1050	1.2	<2	2.53	<0.5	18	93	28	
S408901		0.40	<0.005		<0.5	6.36	9	10	<0.5	<2	7.39	<0.5	28	617	2	
S408902		0.65	<0.005		<0.5	0.11	6	10	<0.5	<2	0.05	<0.5	1	36	3	
S408903		0.37	<0.005		<0.5	0.25	<5	10	<0.5	<2	0.13	<0.5	1	47	2	
S408904		0.47	0.265		<0.5	7.02	<5	150	<0.5	<2	4.88	<0.5	11	17	47	
S408905		0.30	0.006		1.1	1.87	<5	<10	<0.5	<2	0.25	0.5	13	40	2420	
S408906		0.53	<0.005		<0.5	0.03	<5	<10	<0.5	<2	0.33	<0.5	<1	34	10	
S408907		0.32	<0.005		<0.5	0.09	<5	10	<0.5	<2	0.06	<0.5	1	30	8	
S408908		0.55	<0.005		<0.5	0.34	<5	20	<0.5	<2	0.02	<0.5	1	32	3	
S408909		0.68	<0.005		<0.5	0.37	<5	20	<0.5	<2	0.18	<0.5	2	35	4	
S408910		0.49	<0.005		<0.5	1.16	<5	80	<0.5	<2	0.01	<0.5	2	22	4	
S408911		0.79	0.022		<0.5	1.07	40	90	<0.5	2	0.04	<0.5	6	25	3	
S408912		0.58	<0.005		<0.5	0.14	<5	10	<0.5	<2	1.07	<0.5	2	30	3	
S408913		0.58	0.006		<0.5	2.86	<5	230	0.7	<2	0.31	<0.5	2	80	14	
S408914		0.45	<0.005		<0.5	2.15	<5	190	<0.5	<2	1.20	<0.5	1	24	2	
S408915		0.72	<0.005		<0.5	2.91	<5	70	<0.5	<2	0.05	<0.5	11	35	28	
S408916		0.78	<0.005		<0.5	1.72	<5	80	<0.5	<2	0.01	<0.5	1	33	4	
S408917		0.42	<0.005		<0.5	4.38	<5	170	0.5	<2	0.24	<0.5	13	47	4	
S408918		0.43	<0.005		<0.5	0.05	<5	<10	<0.5	<2	0.12	<0.5	<1	50	1	
S408919		0.44	<0.005		<0.5	8.94	21	90	<0.5	2	3.01	<0.5	47	848	<1	
S408920		0.47	<0.005		<0.5	3.34	98	100	<0.5	4	0.39	1.9	69	55	293	
S408921		0.50	<0.005		<0.5	0.24	<5	<10	<0.5	<2	0.16	<0.5	2	46	2	
S408922		0.38	<0.005		<0.5	1.50	<5	<10	<0.5	<2	5.06	<0.5	6	36	1	
S408923		0.56	<0.005		<0.5	2.25	<5	20	<0.5	4	1.14	<0.5	75	27	292	
S408924		0.74	0.460		19.8	0.03	155	10	<0.5	8	4.65	50.4	296	2	6320	
S408925		0.35	0.057		1.0	2.36	205	80	1.1	5	0.10	4.1	97	66	271	
S408926		0.82	0.035		0.8	3.55	100	70	1.4	<2	0.04	5.6	48	96	252	
S408927		0.50	0.037		0.9	3.12	252	90	1.5	2	0.04	4.4	53	71	256	
S408928		0.35	<0.005		<0.5	6.97	21	520	1.2	<2	0.04	<0.5	11	78	64	
S408929		0.37	0.009		0.5	9.73	83	260	1.4	4	0.01	<0.5	2	96	65	
S408930		0.33	<0.005		<0.5	3.94	56	150	0.6	<2	0.01	<0.5	1	60	23	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 19- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S408891		0.97	<10	0.01	<10	0.08	122	<1	0.02	6	10	<2	0.01	<5	<1	1
S408892		7.31	20	0.11	120	0.56	788	1	3.25	23	1160	2	1.19	7	22	25
S408893		11.30	20	0.15	40	0.76	1190	2	3.58	9	1870	<2	1.33	<5	15	25
S408894		10.45	20	0.23	20	0.70	1050	<1	0.76	<1	720	<2	0.17	<5	26	385
S408895		8.35	20	0.08	<10	1.33	1960	1	0.06	1	220	4	0.61	<5	36	723
S408896		7.24	20	0.59	<10	4.22	1400	<1	0.55	71	120	<2	0.05	<5	43	46
S408897		5.91	<10	0.03	<10	0.75	735	1	0.02	10	30	11	0.27	<5	14	19
S408898		12.20	20	2.00	<10	2.22	1810	1	0.12	45	160	3	0.74	<5	49	58
S408899		13.60	20	0.08	<10	2.89	2140	<1	0.91	3	240	3	0.31	<5	55	139
S408900		5.01	20	1.66	20	1.68	652	1	2.28	41	910	12	0.09	<5	17	544
S408901		4.15	10	0.26	<10	4.95	816	<1	1.10	126	70	<2	0.05	<5	40	79
S408902		0.70	<10	0.03	<10	0.02	155	1	0.01	3	30	<2	0.01	<5	1	2
S408903		1.46	<10	0.06	<10	0.11	218	1	0.04	3	20	<2	0.01	<5	1	4
S408904		10.10	20	0.63	10	1.21	1720	1	0.51	<1	580	10	0.16	<5	38	359
S408905		4.16	<10	0.01	<10	1.73	484	<1	0.02	33	50	<2	0.20	<5	10	2
S408906		0.57	<10	<0.01	<10	0.01	122	<1	0.01	<1	10	<2	0.01	<5	<1	1
S408907		1.34	<10	0.03	<10	0.02	189	1	0.03	2	10	<2	0.01	<5	<1	5
S408908		0.86	<10	0.15	<10	0.02	124	<1	0.04	2	40	<2	0.02	<5	<1	4
S408909		1.40	<10	0.10	<10	0.06	186	<1	0.16	4	50	7	0.06	<5	1	10
S408910		3.90	<10	0.55	10	0.06	98	1	0.08	5	330	79	0.12	<5	1	8
S408911		10.05	<10	0.48	10	0.05	76	<1	0.13	9	720	107	10.0	<5	1	22
S408912		1.36	<10	0.05	<10	0.23	421	<1	0.03	2	1470	2	0.11	<5	<1	49
S408913		2.80	10	1.38	10	0.25	321	2	0.04	7	280	12	0.12	<5	4	21
S408914		0.84	10	1.13	10	0.14	270	<1	0.02	4	280	6	0.02	<5	1	12
S408915		3.47	10	0.39	10	0.94	295	<1	0.75	27	210	3	0.41	<5	3	13
S408916		1.98	<10	0.43	<10	0.86	308	<1	0.02	2	20	<2	0.05	<5	1	3
S408917		4.69	10	0.68	10	2.01	597	<1	0.65	34	200	3	0.04	<5	5	17
S408918		0.79	<10	0.01	<10	0.01	116	<1	0.01	1	<10	<2	<0.01	<5	<1	2
S408919		6.71	10	0.67	<10	6.61	789	<1	1.21	177	110	2	0.10	<5	39	66
S408920		31.8	10	0.93	10	1.48	304	9	1.23	183	1310	9	>10.0	<5	10	10
S408921		1.52	<10	0.01	<10	0.17	189	1	0.04	3	10	<2	0.06	<5	1	2
S408922		2.53	<10	0.01	<10	1.63	686	<1	0.01	29	<10	<2	0.05	<5	8	11
S408923		14.75	10	0.03	<10	0.48	230	5	1.22	122	560	3	7.99	<5	8	26
S408924		40.1	70	0.01	<10	0.85	4780	1	0.01	11	<10	5440	>10.0	14	<1	61
S408925		27.9	10	1.02	10	0.64	543	20	0.09	219	170	108	>10.0	10	8	7
S408926		25.0	10	1.43	10	1.16	750	28	0.03	257	120	47	>10.0	6	12	7
S408927		26.2	10	1.38	10	0.78	537	28	0.04	230	180	59	>10.0	6	13	9
S408928		9.94	30	2.19	50	1.31	172	17	0.08	15	270	8	2.37	<5	11	19
S408929		9.82	30	2.60	30	0.39	98	10	0.67	38	330	10	0.82	15	21	107
S408930		4.35	10	1.21	20	0.07	97	9	0.24	5	140	16	0.15	<5	6	36

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CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408891		<20	<0.01	<10	<10	4	<10	2	
S408892		<20	0.37	<10	<10	17	<10	42	
S408893		<20	0.50	<10	<10	10	<10	51	
S408894		<20	0.53	<10	<10	8	<10	41	
S408895		<20	0.76	<10	<10	441	<10	45	
S408896		<20	0.27	<10	<10	210	20	83	
S408897		<20	0.01	<10	<10	34	<10	37	
S408898		<20	0.52	<10	<10	1035	10	71	
S408899		<20	1.21	<10	<10	836	<10	87	
S408900		<20	0.47	<10	<10	137	<10	92	
S408901		<20	0.10	<10	<10	155	<10	24	
S408902		<20	<0.01	<10	<10	5	<10	2	
S408903		<20	0.01	<10	<10	10	<10	4	
S408904		<20	0.88	<10	<10	133	<10	77	
S408905		<20	0.01	<10	<10	93	<10	44	
S408906		<20	<0.01	<10	<10	3	<10	<2	
S408907		<20	<0.01	<10	<10	2	<10	2	
S408908		<20	0.01	<10	<10	3	<10	3	
S408909		<20	0.01	<10	<10	4	<10	8	
S408910		<20	0.02	<10	<10	17	<10	8	
S408911		<20	0.02	<10	<10	16	<10	3	
S408912		<20	<0.01	<10	<10	3	<10	9	
S408913		<20	0.11	<10	<10	34	<10	19	
S408914		<20	0.07	<10	<10	12	<10	8	
S408915		20	0.06	<10	<10	14	<10	72	
S408916		<20	0.02	<10	<10	12	<10	57	
S408917		<20	0.15	<10	<10	44	<10	33	
S408918		<20	<0.01	<10	<10	3	<10	<2	
S408919		<20	0.10	<10	<10	199	<10	78	
S408920		<20	0.18	<10	<10	135	<10	358	
S408921		<20	0.01	<10	<10	7	<10	4	
S408922		<20	<0.01	<10	<10	55	<10	23	
S408923		<20	0.25	<10	<10	49	<10	22	
S408924		<20	<0.01	<10	<10	4	<10	>10000	2.66
S408925		<20	0.13	<10	<10	263	<10	1310	
S408926		<20	0.18	<10	10	369	<10	1560	
S408927		<20	0.16	<10	10	415	<10	1400	
S408928		<20	0.19	<10	<10	214	<10	100	
S408929		<20	0.29	<10	<10	187	<10	128	
S408930		<20	0.16	<10	<10	99	<10	67	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408931		0.65	<0.005		<0.5	0.42	5	20	<0.5	<2	0.06	<0.5	1	39	12	
S408932		0.39	<0.005		<0.5	5.16	<5	370	1.1	<2	0.11	<0.5	4	60	4	
S408933		0.50	0.007		<0.5	0.73	42	20	<0.5	<2	0.05	<0.5	25	32	132	
S408934		0.47	<0.005		<0.5	3.73	23	290	0.9	<2	0.08	<0.5	19	63	109	
S408935		0.31	<0.005		<0.5	10.50	34	700	2.2	4	0.07	<0.5	9	76	30	
S408936		0.39	0.087		0.7	0.91	34	50	<0.5	<2	3.79	<0.5	3	34	36	
S408937		0.47	8.71	8.82	39.2	1.43	28	30	<0.5	4	0.50	<0.5	3	41	104	
S408938		0.39	0.057		1.2	9.93	5980	480	2.1	2	0.10	<0.5	13	69	648	
S408939		0.43	0.005		<0.5	10.10	33	690	2.2	4	0.05	<0.5	14	76	65	
S408940		0.33	0.007		<0.5	0.09	10	<10	<0.5	<2	0.37	<0.5	1	43	4	
S408951		0.68	0.008		<0.5	3.72	9	10	<0.5	<2	4.31	<0.5	16	330	52	
S408952		0.94	<0.005		<0.5	9.70	<5	430	<0.5	2	9.39	<0.5	7	61	42	
S408953		0.57	<0.005		<0.5	2.78	<5	10	<0.5	<2	15.90	<0.5	11	250	63	
S408954		0.53	<0.005		<0.5	7.18	<5	20	<0.5	<2	8.13	0.5	41	258	116	
S408955		0.58	<0.005		<0.5	6.73	<5	80	<0.5	<2	2.64	<0.5	26	23	261	
S408956		0.68	<0.005		<0.5	7.20	<5	40	<0.5	<2	3.94	<0.5	37	25	300	
S408957		0.29	<0.005		<0.5	6.50	<5	50	0.5	<2	1.51	<0.5	9	14	100	
S408958		0.40	<0.005		<0.5	2.20	<5	50	<0.5	<2	0.27	<0.5	22	42	66	
S408959		0.63	<0.005		<0.5	5.94	<5	10	2.9	<2	6.25	<0.5	27	15	41	
S408960		0.11	3.98	4.19	0.7	6.65	29	590	0.8	<2	2.38	0.9	18	63	145	
S408961		0.62	0.008		<0.5	6.89	<5	50	<0.5	<2	9.22	<0.5	54	15	608	
S408962		0.85	<0.005		<0.5	6.61	17	390	<0.5	<2	0.51	<0.5	26	784	3	
S408963		0.44	<0.005		<0.5	6.20	5	10	<0.5	<2	2.92	<0.5	70	5	57	
S408964		0.76	<0.005		<0.5	6.58	5	30	<0.5	2	6.25	0.6	76	3	83	
S408965		0.65	<0.005		<0.5	5.85	43	120	<0.5	<2	5.17	0.5	69	3	85	
S408966		0.71	<0.005		<0.5	3.89	<5	60	<0.5	<2	1.09	<0.5	16	188	3	
S408967		0.49	0.018		<0.5	1.26	<5	110	<0.5	<2	6.19	0.6	36	30	758	
S408968		0.56	<0.005		<0.5	4.93	<5	20	<0.5	<2	1.09	<0.5	27	367	6	
S408969		0.68	<0.005		<0.5	0.05	<5	<10	<0.5	<2	0.16	<0.5	2	31	13	
S408970		0.79	<0.005		<0.5	7.67	<5	20	<0.5	<2	3.87	<0.5	45	1085	18	
S408971		0.50	<0.005		<0.5	2.78	<5	1540	<0.5	<2	2.03	<0.5	3	36	7	
S408972		0.63	<0.005		<0.5	1.55	<5	170	0.5	<2	1.92	<0.5	4	51	26	
S408973		0.59	<0.005		<0.5	3.93	<5	650	1.0	<2	8.88	<0.5	22	31	183	
S408974		0.70	<0.005		<0.5	7.01	<5	30	0.6	<2	0.86	<0.5	7	11	41	
S408975		0.60	<0.005		<0.5	3.86	<5	30	<0.5	<2	1.59	<0.5	24	19	13	
S408976		0.83	<0.005		<0.5	1.85	<5	90	<0.5	<2	1.10	<0.5	4	24	3	
S408977		0.65	<0.005		<0.5	5.34	<5	420	1.3	<2	0.02	<0.5	2	52	5	
S408978		0.75	0.010		<0.5	4.74	<5	400	1.1	<2	0.03	<0.5	1	57	5	
S408979		0.86	<0.005		<0.5	0.88	<5	70	<0.5	<2	0.02	<0.5	2	31	6	
S408980		0.70	<0.005		<0.5	7.56	<5	1180	1.2	<2	2.56	<0.5	22	108	52	

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 19- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S408931		1.41	<10	0.12	<10	0.02	226	1	0.02	7	90	<2	0.03	<5	2	3
S408932		2.76	10	1.99	30	0.54	699	<1	0.58	11	220	19	0.01	<5	7	43
S408933		3.43	<10	0.08	<10	0.30	216	<1	0.03	49	70	36	1.35	<5	<1	10
S408934		3.36	10	1.62	10	0.38	271	<1	0.12	45	190	51	0.59	<5	5	28
S408935		5.53	30	3.97	30	1.42	292	1	1.30	30	330	8	0.04	<5	14	75
S408936		2.65	<10	0.27	10	0.16	965	<1	0.19	8	140	269	0.25	<5	3	187
S408937		0.96	<10	0.17	10	0.03	269	<1	0.88	6	50	138	0.01	<5	2	28
S408938		5.83	20	2.21	50	0.80	117	<1	3.74	25	600	58	0.93	6	13	67
S408939		4.70	30	4.27	40	1.08	217	<1	0.25	38	360	11	0.19	<5	13	44
S408940		1.18	<10	0.02	<10	0.05	197	<1	0.01	3	<10	<2	0.01	<5	1	2
S408951		3.08	10	0.02	<10	2.77	593	<1	1.08	50	30	<2	0.02	<5	14	20
S408952		2.13	20	0.71	<10	0.67	474	<1	2.18	16	70	<2	0.02	<5	7	134
S408953		2.03	<10	0.01	<10	2.10	1130	<1	0.85	33	20	<2	<0.01	<5	20	41
S408954		7.37	20	0.11	<10	5.47	1340	<1	1.37	94	200	6	0.07	<5	49	96
S408955		9.18	20	0.14	<10	3.04	1180	1	1.86	23	240	5	0.29	<5	45	61
S408956		10.60	20	0.07	<10	3.72	1400	<1	1.40	44	330	2	0.86	<5	48	90
S408957		3.93	20	0.24	10	0.20	483	1	4.12	<1	250	5	0.74	<5	12	124
S408958		3.30	10	0.15	10	0.29	604	2	1.03	12	110	25	0.39	<5	2	34
S408959		8.11	20	0.05	<10	1.42	2110	<1	1.05	4	320	5	0.09	<5	32	235
S408960		5.12	10	1.07	10	1.48	853	8	2.18	39	750	47	0.14	6	16	263
S408961		8.52	30	0.27	50	0.56	1075	11	0.05	25	2740	7	0.81	<5	23	1050
S408962		6.16	10	1.59	<10	4.28	1115	<1	0.08	114	140	<2	<0.01	<5	33	10
S408963		13.85	20	0.02	<10	3.71	2170	<1	0.64	19	160	<2	0.24	<5	53	20
S408964		13.35	20	0.24	<10	3.24	1820	<1	1.57	9	200	<2	0.32	<5	58	87
S408965		13.95	20	0.54	<10	3.79	2300	<1	0.69	36	120	<2	0.56	<5	53	52
S408966		2.64	10	0.25	<10	2.81	407	1	0.72	52	40	<2	<0.01	<5	17	22
S408967		4.26	<10	0.61	<10	1.35	2210	<1	0.02	454	30	5	0.51	<5	11	87
S408968		5.30	10	0.08	<10	5.87	599	<1	0.02	165	10	<2	0.01	<5	12	8
S408969		0.94	<10	0.01	<10	0.04	114	1	0.03	4	<10	2	0.02	<5	<1	2
S408970		6.52	10	0.11	<10	6.52	1065	<1	2.61	143	150	<2	0.03	<5	18	35
S408971		2.15	10	2.27	<10	1.96	352	1	0.42	5	120	8	0.01	<5	3	60
S408972		1.49	10	0.54	10	1.27	218	1	0.16	5	170	4	0.03	<5	3	90
S408973		5.05	10	1.33	40	10.45	1015	<1	0.10	19	510	6	0.04	<5	6	46
S408974		3.80	10	0.13	10	1.13	679	1	4.45	2	660	2	0.10	<5	9	39
S408975		6.05	10	0.08	<10	1.73	1160	<1	0.80	32	120	<2	<0.01	<5	26	25
S408976		1.54	<10	0.63	10	0.31	391	<1	0.55	6	210	2	0.02	<5	1	70
S408977		3.44	10	2.65	10	0.32	116	1	0.32	3	390	2	0.04	<5	5	18
S408978		1.58	10	2.52	10	0.27	90	1	0.05	3	110	4	0.02	<5	5	14
S408979		1.19	<10	0.41	<10	0.04	79	1	0.07	5	130	9	0.14	<5	1	4
S408980		5.58	20	2.07	30	2.00	566	1	2.32	59	810	17	0.11	<5	20	518

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CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408931		<20	0.02	<10	<10	8	<10	50	
S408932		<20	0.16	<10	<10	39	<10	40	
S408933		<20	<0.01	<10	<10	6	<10	29	
S408934		<20	0.07	<10	<10	31	<10	33	
S408935		20	0.24	<10	<10	109	<10	93	
S408936		<20	0.01	<10	<10	7	<10	12	
S408937		<20	0.03	<10	<10	7	<10	10	
S408938		20	0.26	<10	<10	65	<10	65	
S408939		20	0.19	<10	<10	110	<10	67	
S408940		<20	<0.01	<10	<10	2	<10	4	
S408951		<20	0.08	<10	<10	87	<10	28	
S408952		<20	0.11	<10	<10	63	<10	11	
S408953		<20	0.10	10	<10	66	<10	27	
S408954		<20	0.40	<10	<10	291	<10	83	
S408955		<20	0.67	<10	<10	330	<10	76	
S408956		<20	0.65	<10	<10	378	<10	90	
S408957		<20	0.23	<10	<10	11	<10	20	
S408958		<20	0.07	<10	<10	10	<10	33	
S408959		<20	0.73	<10	<10	433	<10	61	
S408960		<20	0.36	<10	<10	139	40	285	
S408961		<20	0.51	<10	<10	395	<10	37	
S408962		<20	0.24	<10	<10	190	<10	67	
S408963		<20	0.95	<10	<10	952	<10	159	
S408964		<20	1.07	10	<10	988	<10	107	
S408965		<20	0.80	<10	<10	957	<10	126	
S408966		<20	0.08	<10	<10	79	<10	21	
S408967		<20	0.08	<10	<10	63	<10	21	
S408968		<20	0.02	<10	<10	96	<10	42	
S408969		<20	<0.01	<10	<10	2	<10	2	
S408970		<20	0.28	<10	<10	208	<10	64	
S408971		<20	0.09	<10	<10	23	<10	21	
S408972		<20	0.11	<10	<10	27	<10	13	
S408973		<20	0.18	<10	<10	41	<10	52	
S408974		<20	0.46	<10	<10	70	<10	38	
S408975		<20	0.54	<10	<10	256	<10	51	
S408976		<20	0.04	<10	<10	10	<10	9	
S408977		<20	0.33	<10	<10	54	<10	12	
S408978		<20	0.19	<10	<10	44	<10	9	
S408979		<20	0.02	<10	<10	7	<10	5	
S408980		<20	0.57	<10	<10	170	<10	109	

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S408981		0.43	0.017		0.5	1.44	40	130	<0.5	<2	0.01	<0.5	10	22	3	
S408982		0.71	<0.005		<0.5	7.69	<5	700	1.6	<2	0.10	<0.5	4	73	15	
S408983		0.63	<0.005		<0.5	0.62	<5	50	<0.5	<2	0.99	<0.5	2	29	5	
S408984		0.70	<0.005		<0.5	3.90	<5	310	1.0	<2	0.56	<0.5	7	51	14	
S408985		0.62	<0.005		<0.5	1.89	<5	60	<0.5	<2	0.27	<0.5	7	34	39	
S408986		0.73	0.007		<0.5	1.16	14	100	<0.5	<2	0.46	<0.5	15	28	9	
S408987		0.84	<0.005		<0.5	6.74	15	10	<0.5	<2	6.53	<0.5	39	118	17	
S408988		0.57	0.011		1.4	2.17	18	80	<0.5	<2	1.14	1.1	19	150	1560	
S408989		0.65	<0.005		<0.5	7.53	10	700	1.4	3	0.52	<0.5	11	78	8	
S408990		0.79	<0.005		<0.5	0.86	8	60	<0.5	<2	4.33	<0.5	4	85	49	
S408991		0.71	<0.005		<0.5	6.24	15	10	<0.5	<2	5.42	<0.5	31	786	3	
S408992		0.76	0.022		0.9	4.72	71	110	1.0	4	0.32	<0.5	49	70	681	
S408993		0.70	0.027		1.0	5.60	91	350	0.9	4	0.18	<0.5	38	63	511	
S408994		0.47	<0.005		<0.5	0.46	<5	10	<0.5	<2	4.93	<0.5	2	41	6	
S408995		0.76	<0.005		<0.5	7.51	<5	10	0.5	9	1.57	0.5	36	5	636	
S408996		0.77	<0.005		<0.5	2.33	<5	10	<0.5	<2	1.25	<0.5	7	18	29	
S408997		0.60	0.013		0.8	6.67	13	40	<0.5	3	8.26	1.0	25	155	1200	
S408998		0.57	0.011		<0.5	10.85	1840	30	0.9	7	4.42	<0.5	84	156	435	
S408999		0.71	<0.005		<0.5	8.69	8	30	<0.5	2	8.26	0.5	27	89	184	
S409000		0.53	<0.005		<0.5	7.12	<5	880	1.3	3	2.34	<0.5	18	99	23	
S411101		0.81	<0.005		<0.5	3.49	6	70	<0.5	3	1.73	<0.5	18	452	2	
S411102		0.56	<0.005		<0.5	1.43	<5	20	<0.5	2	0.71	<0.5	4	26	9	
S411103		0.57	<0.005		<0.5	1.32	<5	140	<0.5	<2	0.11	<0.5	11	46	6	
S411104		0.71	<0.005		<0.5	0.48	<5	<10	<0.5	2	0.77	<0.5	18	90	212	
S411105		0.88	0.006		<0.5	2.71	8	120	<0.5	4	12.70	<0.5	27	245	52	
S411106		0.92	<0.005		<0.5	1.82	<5	240	<0.5	3	15.35	<0.5	14	158	19	
S411107		0.64	<0.005		<0.5	7.46	<5	110	<0.5	6	6.15	0.5	39	29	97	
S411108		0.69	<0.005		<0.5	7.13	<5	50	<0.5	4	6.78	<0.5	43	132	955	
S411109		0.63	<0.005		<0.5	6.98	7	720	1.5	3	0.63	<0.5	10	37	58	
S411110		0.63	<0.005		<0.5	8.73	<5	980	2.3	2	0.18	<0.5	10	40	47	
S411111		0.74	1.755		<0.5	6.60	<5	40	1.0	6	1.27	<0.5	16	7	89	
S411112		0.63	<0.005		<0.5	6.13	12	230	<0.5	<2	1.60	<0.5	21	336	1	
S411113		0.64	0.006		<0.5	4.70	23	30	<0.5	2	6.61	0.5	22	481	134	
S411114		0.73	2.23		<0.5	3.81	53	20	<0.5	3	4.04	<0.5	51	28	1080	
S411115		0.70	0.007		<0.5	5.95	33	20	<0.5	2	5.08	0.7	72	4	213	
S411116		0.43	0.088		1.5	0.17	<5	20	<0.5	<2	0.20	0.6	3	20	2950	
S411117		0.83	<0.005		<0.5	6.36	<5	30	<0.5	4	5.72	0.8	87	4	92	
S411118		0.92	0.048		<0.5	3.79	3560	80	<0.5	<2	2.91	<0.5	21	9	14	
S411119		0.70	<0.005		<0.5	1.42	12	10	<0.5	<2	1.08	<0.5	8	169	140	
S411120		0.80	<0.005		<0.5	5.44	32	140	<0.5	<2	7.30	<0.5	30	786	24	

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 19- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S408981		8.55	<10	0.67	<10	0.08	139	1	0.14	11	100	55	7.28	<5	1	9
S408982		2.83	20	4.05	10	0.60	257	1	0.08	9	260	8	0.08	<5	10	21
S408983		1.56	<10	0.30	10	0.30	526	1	0.05	3	460	5	0.12	<5	1	32
S408984		2.98	10	1.98	10	0.39	311	1	0.08	20	300	6	0.96	<5	4	31
S408985		3.54	10	0.38	10	0.76	225	1	0.05	8	290	5	0.09	<5	2	10
S408986		3.86	<10	0.54	10	0.12	216	1	0.08	27	380	26	3.24	<5	1	16
S408987		7.04	10	0.07	<10	4.86	1410	<1	0.73	79	160	4	0.02	<5	39	86
S408988		3.19	<10	0.46	<10	1.24	489	1	0.03	40	50	2	0.13	<5	13	10
S408989		3.17	20	3.89	40	1.01	557	1	0.09	45	220	13	<0.01	<5	10	26
S408990		0.90	<10	0.02	<10	0.50	342	<1	0.34	12	10	<2	0.01	<5	2	14
S408991		5.01	10	0.01	<10	6.41	872	<1	0.84	124	70	<2	0.02	<5	48	23
S408992		24.2	10	1.14	20	0.79	198	17	2.06	140	510	32	>10.0	<5	9	14
S408993		15.45	<10	1.72	<10	0.37	135	18	1.85	135	260	67	>10.0	11	6	16
S408994		1.67	<10	0.02	<10	0.45	522	<1	0.02	7	10	3	0.12	<5	8	18
S408995		10.75	20	0.03	10	2.03	1070	1	3.20	2	480	<2	1.39	<5	46	40
S408996		3.29	10	0.01	<10	0.95	642	<1	0.78	2	170	<2	0.03	<5	11	16
S408997		5.47	20	0.23	10	2.91	1020	<1	0.30	55	570	5	0.12	<5	26	85
S408998		13.40	10	0.07	<10	0.27	110	56	0.43	289	140	2	7.37	<5	8	445
S408999		6.98	20	0.09	<10	2.53	955	1	0.78	70	330	5	0.70	<5	22	109
S409000		5.00	20	1.65	40	1.72	428	<1	2.15	45	970	17	0.05	<5	15	484
S411101		3.26	10	0.23	<10	2.85	698	<1	0.34	58	60	3	0.01	<5	14	18
S411102		3.53	<10	0.06	20	1.12	941	<1	0.03	3	20	10	0.06	<5	1	21
S411103		5.16	<10	0.64	<10	0.55	350	<1	0.16	3	170	19	1.18	<5	2	31
S411104		1.84	<10	0.01	<10	0.42	212	<1	0.04	56	10	3	0.33	<5	4	4
S411105		4.68	<10	2.13	<10	7.43	957	<1	0.03	139	160	5	2.20	<5	12	68
S411106		2.97	<10	1.73	<10	8.74	617	<1	0.02	85	200	6	0.12	<5	8	82
S411107		9.59	20	0.78	<10	3.37	1750	<1	0.74	45	360	2	0.23	<5	44	114
S411108		7.30	10	0.27	<10	4.17	1040	<1	1.88	57	390	<2	1.08	<5	44	67
S411109		3.77	20	2.66	20	0.91	505	1	2.33	11	460	3	0.17	<5	12	70
S411110		4.51	30	3.90	20	1.07	681	1	2.03	12	480	<2	0.11	<5	15	68
S411111		9.94	30	0.15	10	0.52	1560	<1	3.20	<1	1310	4	0.66	<5	21	62
S411112		5.83	10	1.08	<10	3.76	1130	<1	0.60	86	60	<2	<0.01	<5	22	19
S411113		6.51	10	0.09	<10	4.45	1650	<1	0.11	119	110	<2	0.01	<5	21	64
S411114		9.75	10	0.07	<10	1.90	1070	<1	0.49	26	120	9	1.00	<5	33	39
S411115		13.70	20	0.07	<10	3.10	1240	<1	0.70	41	140	<2	0.65	<5	53	52
S411116		2.08	<10	0.04	<10	0.05	327	1	0.05	2	20	18	0.29	<5	2	10
S411117		13.65	20	0.10	<10	3.90	1780	<1	1.44	35	180	<2	0.39	<5	57	76
S411118		5.24	10	0.24	<10	0.77	1650	<1	2.40	2	20	9	0.17	<5	23	89
S411119		1.70	<10	0.08	<10	1.07	294	<1	0.21	29	30	2	0.02	<5	7	9
S411120		4.51	10	1.04	<10	5.55	1170	<1	0.64	125	80	3	<0.01	<5	47	49

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CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S408981		<20	0.03	<10	<10	16	<10	6	
S408982		<20	0.21	<10	<10	66	<10	36	
S408983		<20	0.01	<10	<10	8	<10	7	
S408984		<20	0.07	<10	<10	31	<10	11	
S408985		<20	0.11	<10	<10	27	<10	49	
S408986		<20	0.03	<10	<10	19	<10	21	
S408987		<20	0.34	10	<10	244	<10	86	
S408988		<20	0.10	<10	<10	76	<10	42	
S408989		<20	0.38	<10	<10	71	<10	40	
S408990		<20	0.01	<10	<10	15	10	9	
S408991		<20	0.17	<10	<10	183	<10	46	
S408992		<20	0.26	<10	<10	160	<10	165	
S408993		<20	0.27	<10	10	218	<10	50	
S408994		<20	0.01	<10	<10	19	<10	6	
S408995		<20	1.46	<10	<10	120	<10	93	
S408996		<20	0.22	<10	<10	67	<10	29	
S408997		<20	0.46	<10	<10	165	<10	58	
S408998		<20	0.64	<10	<10	310	<10	33	
S408999		<20	0.50	<10	<10	216	<10	60	
S409000		<20	0.51	<10	<10	132	<10	97	
S411101		<20	0.13	<10	<10	99	<10	32	
S411102		<20	0.01	<10	<10	9	<10	42	
S411103		<20	0.03	<10	<10	11	<10	36	
S411104		<20	0.04	<10	<10	20	<10	7	
S411105		<20	0.15	<10	<10	87	<10	26	
S411106		<20	0.10	<10	<10	63	<10	33	
S411107		<20	0.61	<10	<10	301	<10	91	
S411108		<20	0.76	10	<10	368	<10	48	
S411109		<20	0.36	<10	<10	66	<10	23	
S411110		<20	0.45	<10	<10	61	<10	29	
S411111		<20	0.53	<10	<10	9	<10	68	
S411112		<20	0.23	<10	<10	171	<10	60	
S411113		<20	0.18	<10	<10	134	<10	68	
S411114		<20	0.57	<10	<10	670	<10	77	
S411115		<20	0.96	<10	<10	1125	<10	111	
S411116		<20	0.01	<10	<10	18	<10	20	
S411117		<20	0.91	<10	<10	948	<10	125	
S411118		<20	0.42	<10	<10	256	10	21	
S411119		<20	0.05	<10	<10	41	<10	21	
S411120		<20	0.11	<10	<10	175	<10	28	

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CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S411121		0.60	<0.005		<0.5	6.24	32	250	<0.5	2	10.85	0.5	37	816	90	
S411122		0.11	4.10	3.97	0.5	7.03	31	610	0.8	3	2.43	0.8	20	68	152	
S411123		0.71	0.025		<0.5	0.72	5	10	<0.5	<2	6.39	0.5	7	72	641	
S411124		0.81	0.010		<0.5	0.06	<5	<10	<0.5	<2	0.06	0.6	73	28	1235	
S411125		0.47	<0.005		<0.5	6.28	6	190	0.6	4	0.80	<0.5	41	48	211	
S411126		0.88	<0.005		<0.5	5.84	<5	80	<0.5	2	1.54	<0.5	30	40	444	
S411127		1.01	<0.005		<0.5	0.85	<5	20	<0.5	<2	5.95	<0.5	3	31	43	
S411128		0.45	<0.005		<0.5	0.33	<5	10	<0.5	<2	1.42	<0.5	2	31	14	
S411129		0.56	0.257		7.9	0.19	<5	<10	<0.5	<2	0.03	1.9	3	27	>10000	1.165
S411130		0.55	<0.005		<0.5	0.58	<5	100	<0.5	<2	0.14	<0.5	4	35	48	
S411131		0.58	0.005		<0.5	6.90	<5	210	1.0	6	0.18	<0.5	44	47	297	
S411132		0.64	<0.005		<0.5	0.98	5	70	<0.5	<2	0.01	<0.5	7	27	22	
S411133		0.53	<0.005		<0.5	1.57	<5	80	<0.5	<2	0.02	<0.5	10	22	30	
S411134		0.64	<0.005		<0.5	1.18	<5	100	<0.5	<2	0.02	<0.5	7	35	63	
S411135		0.38	<0.005		<0.5	4.61	<5	360	0.8	3	0.06	<0.5	4	36	192	
S411136		0.66	<0.005		<0.5	9.01	5	630	1.3	2	0.12	<0.5	13	80	33	
S411137		0.65	<0.005		<0.5	2.79	<5	80	<0.5	2	0.05	<0.5	5	28	23	
S411138		0.74	<0.005		<0.5	3.91	7	120	<0.5	<2	4.60	<0.5	13	541	3	
S411139		0.68	<0.005		0.5	7.30	<5	60	0.8	6	1.16	<0.5	39	9	784	
S411140		0.53	<0.005		<0.5	7.94	<5	1170	1.1	4	2.67	<0.5	25	108	22	
S411141		0.67	<0.005		<0.5	5.60	23	20	<0.5	3	1.30	<0.5	55	10	823	
S411142		0.46	<0.005		<0.5	7.12	16	60	<0.5	9	3.37	<0.5	44	4	295	
S411143		0.66	0.022		<0.5	5.61	<5	20	<0.5	2	6.63	0.6	135	9	1080	
S411144		0.88	1.590		55.3	0.03	1305	<10	<0.5	8	8.73	6.8	916	2	>10000	3.68
S411145		0.85	0.892		26.3	0.03	326	<10	<0.5	12	2.02	8.7	535	2	8820	
S411146		0.69	0.007		<0.5	7.70	20	170	<0.5	5	7.00	<0.5	50	228	706	
S411147		0.65	0.007		1.1	4.12	<5	10	<0.5	7	1.62	<0.5	200	146	3740	
S411148		0.61	<0.005		<0.5	6.79	<5	370	0.9	<2	0.02	<0.5	4	93	74	
S411149		0.37	0.012		0.5	9.54	59	330	0.9	5	0.02	<0.5	13	172	98	
S411150		0.62	<0.005		<0.5	0.77	<5	30	<0.5	<2	1.34	0.5	2	35	54	
S411151		1.00	0.036		1.2	3.73	153	380	0.8	6	0.29	<0.5	546	78	744	
S411152		0.77	0.017		3.7	2.39	12	20	<0.5	<2	0.15	10.7	13	43	2390	
S411153		0.88	0.502		13.9	0.03	988	<10	<0.5	4	6.60	25.5	84	1	4410	
S411154		0.92	0.011		0.5	2.66	23	100	1.5	2	0.07	2.8	19	55	292	
S411155		0.75	0.011		<0.5	1.34	19	50	0.7	<2	0.06	0.7	11	23	331	
S411156		0.94	0.019		<0.5	0.87	340	20	<0.5	2	0.20	4.0	344	26	194	
S411157		0.66	<0.005		<0.5	7.50	29	20	<0.5	3	3.66	<0.5	70	45	73	
S411158		0.59	<0.005		<0.5	0.44	<5	10	<0.5	<2	0.18	<0.5	1	32	37	
S411159		0.51	<0.005		<0.5	3.73	<5	140	0.5	<2	0.03	<0.5	2	65	96	
S411160		0.11	4.19	4.09	0.5	6.94	32	590	0.8	2	2.36	0.8	18	62	148	

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S411121		5.79	10	1.56	<10	6.20	1820	<1	0.37	115	120	8	0.01	<5	45	104
S411122		5.23	10	1.09	10	1.52	872	7	2.21	40	770	47	0.14	7	16	274
S411123		1.43	<10	0.01	<10	0.67	612	<1	0.09	23	20	<2	0.07	<5	2	17
S411124		3.70	<10	<0.01	<10	0.10	115	<1	0.01	113	10	<2	2.06	<5	1	2
S411125		9.06	20	1.08	30	2.78	7220	3	0.56	31	470	14	0.29	<5	8	37
S411126		10.20	20	0.69	30	3.25	7940	<1	0.46	28	760	3	0.93	<5	7	42
S411127		1.79	<10	0.12	10	0.44	4680	<1	0.07	2	110	2	0.02	<5	3	75
S411128		1.18	<10	0.02	<10	0.20	307	1	0.06	3	20	<2	0.01	<5	3	10
S411129		3.35	<10	0.01	<10	0.15	133	<1	0.01	8	20	2	1.40	<5	1	2
S411130		1.35	<10	0.24	<10	0.10	140	<1	0.19	1	230	26	0.02	<5	1	34
S411131		9.94	20	1.33	30	2.17	417	1	0.75	37	1040	5	1.00	<5	11	26
S411132		1.40	<10	0.48	<10	0.06	64	<1	0.02	6	190	6	0.90	<5	1	4
S411133		1.58	<10	0.47	10	0.06	62	<1	0.51	12	70	57	1.11	<5	1	14
S411134		2.13	<10	0.55	<10	0.16	110	<1	0.02	12	70	5	0.06	<5	2	4
S411135		2.66	10	2.06	10	0.59	147	<1	0.25	12	230	5	0.17	<5	5	10
S411136		3.80	20	3.92	40	1.35	339	<1	0.79	31	290	7	0.02	<5	12	20
S411137		2.02	<10	0.33	10	0.51	210	<1	1.20	6	90	4	0.09	<5	2	18
S411138		3.04	10	1.02	<10	2.76	896	<1	0.64	64	50	8	<0.01	<5	21	45
S411139		9.36	10	0.17	10	1.38	887	<1	4.03	<1	780	<2	2.74	<5	34	55
S411140		6.00	20	1.65	20	2.14	706	1	2.52	55	1200	13	0.07	<5	19	599
S411141		9.25	10	0.03	<10	2.01	798	2	2.44	<1	360	<2	2.76	<5	34	29
S411142		11.20	20	0.10	10	2.28	1670	1	1.95	<1	470	4	1.09	<5	49	75
S411143		8.98	20	0.10	<10	1.08	810	<1	0.52	64	100	<2	2.33	<5	31	565
S411144		32.4	10	<0.01	<10	0.05	1330	1	<0.01	14	10	801	>10.0	79	<1	22
S411145		44.3	10	<0.01	<10	0.20	2150	1	<0.01	15	10	884	>10.0	22	<1	22
S411146		7.92	20	0.78	<10	4.44	1140	<1	1.94	140	360	8	1.88	<5	41	110
S411147		28.3	10	0.02	10	1.19	574	11	1.10	245	110	16	>10.0	<5	16	50
S411148		10.05	20	1.30	10	2.51	221	26	0.05	40	190	3	0.43	<5	12	7
S411149		11.10	20	2.32	20	0.56	95	9	0.59	105	380	25	4.51	7	23	74
S411150		2.77	<10	0.21	<10	0.32	595	1	0.03	18	150	4	0.13	<5	2	12
S411151		26.8	10	1.92	30	0.72	148	16	0.02	145	700	111	>10.0	<5	8	6
S411152		32.1	30	0.03	10	1.84	514	14	0.06	87	340	394	>10.0	8	6	5
S411153		34.9	30	<0.01	<10	0.54	2920	5	<0.01	6	20	1445	>10.0	42	<1	32
S411154		32.5	10	0.77	<10	1.22	1060	33	0.13	298	270	28	>10.0	12	11	5
S411155		17.30	10	0.33	10	0.95	1070	14	0.01	143	210	10	>10.0	<5	5	5
S411156		27.8	10	0.21	10	0.65	508	11	0.01	157	970	23	>10.0	<5	3	8
S411157		8.29	20	0.07	10	5.33	831	1	1.73	133	520	2	0.48	<5	26	83
S411158		2.10	<10	0.09	<10	0.06	258	1	0.02	8	100	<2	0.06	<5	1	3
S411159		5.23	10	1.17	20	0.13	130	7	0.13	15	410	9	0.06	<5	8	21
S411160		5.07	20	1.06	10	1.47	858	7	2.15	39	760	49	0.15	7	16	267

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 19- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S411121		<20	0.19	<10	<10	209	<10	47	
S411122		<20	0.39	<10	<10	144	40	301	
S411123		<20	0.01	<10	<10	20	<10	12	
S411124		<20	<0.01	<10	<10	3	<10	5	
S411125		<20	0.23	<10	<10	54	<10	99	
S411126		<20	0.22	<10	<10	53	<10	108	
S411127		<20	0.02	<10	<10	9	<10	17	
S411128		<20	0.02	<10	<10	15	<10	5	
S411129		<20	0.01	<10	<10	10	<10	41	
S411130		<20	0.02	<10	<10	5	<10	3	
S411131		<20	0.90	<10	<10	68	<10	133	
S411132		<20	0.03	<10	<10	19	<10	4	
S411133		<20	0.03	<10	<10	13	<10	4	
S411134		<20	0.06	<10	<10	13	<10	6	
S411135		<20	0.20	<10	<10	31	<10	13	
S411136		<20	0.40	<10	<10	79	<10	37	
S411137		<20	0.09	<10	<10	19	<10	15	
S411138		<20	0.04	<10	<10	110	<10	16	
S411139		<20	1.31	<10	<10	38	<10	45	
S411140		<20	0.58	<10	<10	157	<10	118	
S411141		<20	1.11	<10	<10	278	<10	43	
S411142		<20	1.00	<10	<10	240	<10	84	
S411143		<20	0.57	<10	<10	888	<10	34	
S411144		<20	<0.01	<10	<10	3	<10	2610	
S411145		<20	<0.01	10	<10	5	<10	4660	
S411146		<20	0.71	<10	<10	342	<10	89	
S411147		<20	0.47	<10	<10	185	<10	101	
S411148		<20	0.19	<10	10	278	<10	41	
S411149		<20	0.43	<10	10	195	<10	301	
S411150		<20	0.04	<10	<10	13	<10	107	
S411151		<20	0.33	10	10	138	<10	365	
S411152		<20	0.20	<10	10	103	<10	4600	
S411153		<20	<0.01	<10	<10	3	<10	>10000	1.350
S411154		<20	0.08	10	10	413	<10	1165	
S411155		<20	0.04	<10	<10	170	<10	478	
S411156		<20	0.04	<10	<10	109	<10	1490	
S411157		<20	0.63	<10	<10	221	<10	103	
S411158		<20	0.02	<10	<10	10	<10	16	
S411159		<20	0.18	<10	<10	81	<10	22	
S411160		<20	0.37	<10	<10	140	40	291	

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Finalisée date: 19- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S411161		0.75	<0.005		<0.5	5.95	<5	260	0.8	<2	0.37	<0.5	12	46	36	
S411162		0.33	<0.005		<0.5	1.97	<5	90	<0.5	3	0.12	<0.5	13	39	62	
S411163		0.69	<0.005		<0.5	1.91	8	90	<0.5	2	0.02	<0.5	6	32	27	
S411164		0.61	<0.005		1.1	5.95	8	320	1.1	<2	0.03	<0.5	3	44	15	
S411165		0.66	0.007		<0.5	8.30	18	560	1.7	3	0.03	<0.5	9	63	35	
S411166		0.61	<0.005		<0.5	5.20	25	190	0.7	<2	0.29	<0.5	25	38	95	
S411167		0.56	0.123		<0.5	7.78	255	470	1.7	<2	0.12	<0.5	11	53	16	
S411168		0.57	1.030		0.7	10.85	9930	770	3.1	<2	0.12	<0.5	11	75	134	
S411169		0.65	1.280		<0.5	5.37	>10000	390	1.6	2	0.14	<0.5	11	52	132	
S411170		0.71	0.106		<0.5	2.55	1250	100	0.5	<2	0.06	<0.5	1	38	37	
S411171		0.47	0.016		<0.5	7.54	157	590	1.9	4	0.02	<0.5	15	66	58	
S411172		0.70	<0.005		<0.5	7.17	8	40	<0.5	3	2.52	<0.5	45	1235	<1	
S411201		0.71	<0.005		<0.5	8.20	24	470	1.6	<2	0.21	<0.5	9	60	40	
S411202		0.61	0.014		0.5	4.56	10	100	<0.5	2	0.11	<0.5	9	42	57	
S411203		0.58	<0.005		1.5	7.86	22	460	1.5	4	0.25	<0.5	15	66	58	
S411204		0.55	<0.005		<0.5	6.31	21	250	0.9	2	0.08	<0.5	11	58	27	
S411205		0.75	0.025		2.9	6.66	33	430	1.5	2	0.50	16.0	12	59	493	
S411206		0.66	0.013		3.1	6.09	39	240	0.8	3	0.19	0.6	15	52	1085	
S411207		0.65	0.007		<0.5	9.50	7	640	2.0	2	0.04	<0.5	11	78	70	
S411208		0.51	<0.005		<0.5	10.20	26	760	2.5	3	0.05	<0.5	9	79	40	
S411209		0.96	<0.005		<0.5	2.25	5	70	<0.5	<2	0.74	<0.5	7	29	76	
S411210		0.57	<0.005		<0.5	10.90	21	890	2.7	2	0.03	<0.5	5	75	21	
S411211		0.70	0.005		0.8	3.63	52	180	0.6	5	0.15	<0.5	24	33	81	

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Finalisée date: 19- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S411161		4.67	10	1.38	30	1.02	459	2	1.55	31	230	28	0.54	<5	6	71
S411162		5.17	10	0.42	10	0.66	266	1	0.02	32	90	77	1.33	<5	1	16
S411163		3.52	10	0.49	10	0.41	227	1	0.16	10	110	11	0.32	<5	2	15
S411164		3.44	10	1.77	30	0.55	173	1	1.39	11	310	628	0.13	<5	7	83
S411165		4.66	20	3.37	50	0.84	133	1	0.67	17	320	38	0.43	<5	10	43
S411166		6.42	10	1.07	50	1.18	410	<1	0.61	70	210	13	0.80	<5	6	38
S411167		4.82	20	2.87	40	0.92	337	<1	0.76	31	370	52	0.02	<5	10	34
S411168		5.20	30	3.61	50	0.99	124	<1	3.49	21	670	34	0.51	<5	14	64
S411169		4.17	10	1.71	30	0.57	140	1	1.00	15	470	31	0.55	<5	7	27
S411170		3.93	10	0.46	10	0.61	145	<1	0.34	8	220	7	0.15	<5	3	12
S411171		7.76	20	2.99	50	0.93	174	2	0.36	50	240	32	3.04	<5	10	33
S411172		5.34	10	0.20	<10	7.73	997	<1	1.06	204	60	<2	0.01	<5	37	22
S411201		6.61	20	2.99	10	1.30	332	<1	0.15	27	300	10	0.07	<5	9	35
S411202		8.43	10	0.54	10	1.90	350	1	0.03	14	160	143	0.37	<5	3	16
S411203		5.78	20	2.81	20	1.23	371	<1	0.22	28	280	1320	0.13	<5	9	41
S411204		7.74	20	1.52	10	1.62	409	<1	0.15	34	230	15	0.01	<5	7	23
S411205		3.76	20	2.62	10	0.86	216	1	0.44	35	330	3540	0.38	<5	9	47
S411206		8.20	10	1.47	10	1.58	426	1	0.14	56	290	1820	0.36	<5	6	23
S411207		5.14	30	4.06	10	0.96	232	2	0.67	18	320	61	0.71	<5	13	55
S411208		3.59	30	4.75	20	0.89	141	1	0.96	23	270	11	0.05	<5	13	50
S411209		3.83	10	0.38	10	0.77	602	<1	0.05	15	180	65	0.02	<5	1	54
S411210		5.20	30	5.37	30	1.32	254	3	0.19	20	310	7	0.02	<5	13	51
S411211		6.14	10	1.08	20	0.85	440	1	0.06	26	160	261	2.17	<5	3	32

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Finalisée date: 19- OCT- 2017
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CERTIFICAT D'ANALYSE VO17203283

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S411161		<20	0.10	<10	<10	36	<10	81	
S411162		<20	0.04	<10	<10	15	<10	59	
S411163		<20	0.03	<10	<10	16	<10	32	
S411164		<20	0.09	<10	<10	34	<10	34	
S411165		<20	0.16	10	<10	72	<10	92	
S411166		<20	0.07	<10	<10	27	<10	107	
S411167		<20	0.20	<10	<10	53	<10	174	
S411168		20	0.28	<10	<10	84	10	74	
S411169		<20	0.12	<10	<10	39	<10	52	
S411170		<20	0.05	<10	<10	20	<10	63	
S411171		<20	0.19	<10	<10	72	<10	74	
S411172		<20	0.17	<10	<10	181	<10	62	
S411201		<20	0.13	<10	<10	56	<10	123	
S411202		<20	0.05	<10	<10	33	<10	162	
S411203		<20	0.13	<10	<10	55	<10	120	
S411204		<20	0.13	<10	<10	40	<10	141	
S411205		<20	0.29	<10	<10	53	<10	5250	
S411206		<20	0.17	<10	<10	45	<10	331	
S411207		<20	0.26	<10	<10	93	<10	69	
S411208		<20	0.32	<10	<10	81	<10	56	
S411209		<20	0.04	<10	<10	13	<10	72	
S411210		<20	0.26	<10	<10	108	<10	78	
S411211		<20	0.06	<10	<10	23	<10	72	

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CERTIFICAT D'ANALYSE VO17203283

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	BAG- 01	CRU- 32	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	Cu- OG62	ME- ICP61
	ME- OG62	OA- HSUL10	Zn- OG62	

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À: EXPLORATION MIDLAND INC
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Finalisée date: 4- OCT- 2017
Compte: MIDEXP

CERTIFICAT VO17206825

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 45 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 4- OCT- 2017
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17206825

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411247		0.54	0.046		3.4	7.10	5	170	<0.5	6	3.53	5.5	110	50	5280	10.15
S411248		0.63	0.007		<0.5	0.12	<5	10	<0.5	<2	0.03	<0.5	20	34	215	3.06
S411249		0.62	0.009		8.1	0.57	<5	80	<0.5	16	0.61	4.6	19	29	127	5.10
S411250		0.55	0.008		<0.5	1.98	<5	250	0.6	<2	0.09	0.7	5	42	31	2.58
S411258		0.65	0.051		<0.5	1.83	<5	210	0.6	<2	0.73	1.8	7	40	42	2.95
S411259		0.63	0.045		<0.5	5.84	<5	300	1.5	2	1.55	<0.5	21	71	175	12.15
S411260		0.37	0.022		<0.5	7.47	<5	710	1.4	<2	3.03	<0.5	17	91	27	5.05
S411261		0.63	0.022		<0.5	2.89	<5	280	0.9	<2	0.15	<0.5	5	73	29	3.76
S411262		0.64	<0.005		<0.5	1.70	<5	170	0.6	<2	0.35	<0.5	6	46	51	2.81
S411263		0.63	<0.005		<0.5	7.80	<5	600	2.1	<2	0.13	<0.5	15	90	128	6.14
S411264		0.60	6.28	3.66	3.6	1.73	<5	210	0.5	2	0.03	2.4	9	42	43	2.70
S411265		0.53	<0.005		<0.5	4.00	<5	670	1.2	<2	0.04	<0.5	5	27	15	2.76
S411324		0.26	<0.005		<0.5	7.36	<5	390	1.4	<2	0.08	<0.5	6	92	190	5.15
S411325		0.40	0.006		<0.5	0.16	<5	20	<0.5	<2	<0.01	<0.5	3	33	17	1.87
S411326		0.33	<0.005		<0.5	2.40	<5	140	0.6	3	0.15	<0.5	12	37	64	3.89
S411327		0.44	<0.005		<0.5	1.05	<5	90	<0.5	2	0.36	<0.5	16	26	68	2.74
S411328		0.26	<0.005		<0.5	0.79	<5	40	<0.5	2	0.17	<0.5	7	30	37	2.63
S411329		0.45	0.025		<0.5	0.93	<5	130	<0.5	<2	0.01	<0.5	5	40	28	2.05
S411330		0.45	0.035		<0.5	1.85	<5	250	0.6	<2	<0.01	<0.5	2	37	8	1.90
S411331		0.56	<0.005		<0.5	0.03	<5	<10	<0.5	<2	<0.01	<0.5	2	34	4	0.89
S411332		0.61	0.006		<0.5	0.19	<5	20	<0.5	<2	0.34	<0.5	4	36	22	1.74
S411333		0.29	0.011		2.7	6.34	<5	630	1.1	10	0.02	<0.5	19	42	12	11.30
S411376		0.52	0.012		<0.5	0.28	<5	30	<0.5	<2	0.04	<0.5	7	32	32	1.83
S411377		0.49	0.005		<0.5	0.43	<5	50	<0.5	<2	0.05	<0.5	3	39	14	1.30
S411401		3.36	0.016		<0.5	5.19	<5	590	1.5	2	0.09	<0.5	10	60	61	4.30
S411402		3.70	0.063		<0.5	6.05	<5	660	1.7	2	0.22	<0.5	13	40	85	4.42
S411403		3.52	0.067		<0.5	4.92	<5	610	1.4	<2	0.39	1.7	10	38	65	3.71
S411404		2.75	0.009		<0.5	0.84	<5	100	<0.5	<2	0.09	<0.5	2	24	6	0.99
S411405		2.82	<0.005		<0.5	1.11	<5	120	<0.5	<2	0.36	<0.5	2	27	7	1.24
S411406		3.56	0.117		<0.5	3.49	<5	450	1.1	<2	0.10	<0.5	7	39	34	2.36
S411407		2.73	0.060		<0.5	3.67	<5	480	1.1	<2	0.05	<0.5	6	29	30	2.42
S411408		3.13	0.060		1.4	1.61	<5	210	0.5	5	0.06	<0.5	8	38	52	1.98
S411409		3.20	0.111		1.5	3.48	<5	450	1.1	5	0.01	<0.5	2	49	28	2.94
S411410		2.53	0.006		<0.5	1.63	<5	200	0.5	<2	0.05	<0.5	4	32	26	1.58
S411411		2.88	0.116		<0.5	0.55	<5	60	<0.5	<2	0.02	<0.5	3	27	22	1.26
S411412		2.41	0.006		<0.5	1.53	<5	180	0.5	2	0.03	<0.5	5	31	31	2.05
S411413		2.64	0.111		<0.5	0.67	<5	80	<0.5	3	0.23	<0.5	8	34	69	2.25
S411414		2.80	0.014		<0.5	1.08	<5	130	<0.5	<2	0.30	<0.5	16	40	88	3.06
S411415		3.08	0.489		0.5	1.99	<5	230	0.6	<2	0.19	<0.5	16	44	92	3.72
S411416		3.10	0.006		<0.5	1.06	<5	130	<0.5	<2	0.03	<0.5	3	32	17	1.67

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Finalisée date: 4- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17206825

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411247		20	0.38	10	3.77	905	<1	1.61	102	880	8	2.21	<5	32	55	<20
S411248		<10	0.05	<10	0.01	159	1	0.01	11	30	51	1.06	<5	<1	2	<20
S411249		<10	0.30	<10	0.14	349	1	0.02	20	110	2470	2.01	<5	1	44	<20
S411250		<10	1.04	<10	0.10	169	1	0.03	4	140	24	0.25	<5	1	14	<20
S411258		10	0.96	10	0.19	336	2	0.03	9	670	168	0.24	<5	2	55	<20
S411259		20	1.66	50	1.62	1210	2	0.57	56	7370	5	3.02	<5	9	124	<20
S411260		20	1.23	30	1.42	617	1	2.18	35	800	13	0.08	<5	14	522	<20
S411261		10	1.36	10	0.18	261	2	0.30	8	120	27	0.19	<5	5	26	<20
S411262		<10	0.85	10	0.19	202	1	0.08	10	270	96	0.32	<5	3	31	<20
S411263		20	3.17	30	0.60	290	3	1.60	41	370	7	0.92	<5	11	55	<20
S411264		<10	0.94	<10	0.07	150	1	0.02	7	80	3360	0.76	<5	2	8	<20
S411265		10	2.26	10	0.16	155	<1	0.03	5	340	12	0.04	<5	2	12	<20
S411324		20	1.04	10	1.15	277	2	3.39	4	400	5	0.27	<5	11	29	<20
S411325		<10	0.08	<10	0.01	174	1	0.01	3	20	143	0.07	<5	<1	2	<20
S411326		10	0.73	10	0.12	229	1	0.74	14	950	40	0.39	<5	3	33	<20
S411327		<10	0.52	10	0.09	146	1	0.02	29	940	13	1.32	<5	2	26	<20
S411328		<10	0.23	<10	0.05	197	1	0.28	9	160	2	0.41	<5	1	18	<20
S411329		<10	0.47	<10	0.03	125	1	0.02	6	50	2	0.36	<5	1	6	<20
S411330		<10	0.92	10	0.05	110	<1	0.03	1	100	2	0.03	<5	2	10	<20
S411331		<10	0.01	<10	<0.01	100	1	0.01	3	10	<2	<0.01	<5	<1	1	<20
S411332		<10	0.09	<10	0.03	191	<1	0.01	1	1270	3	0.16	<5	<1	38	<20
S411333		10	2.64	10	0.97	354	<1	0.02	9	140	235	0.02	<5	4	10	<20
S411376		<10	0.13	<10	0.01	144	1	0.03	9	70	17	0.35	<5	<1	6	<20
S411377		<10	0.21	<10	0.02	148	1	0.02	3	90	20	0.14	<5	<1	6	<20
S411401		10	2.71	20	0.25	98	2	0.15	12	490	70	0.35	<5	6	30	<20
S411402		10	2.78	20	0.35	206	1	0.72	10	460	38	0.88	<5	4	46	<20
S411403		10	2.23	10	0.30	211	<1	0.60	8	350	117	0.74	<5	3	50	<20
S411404		<10	0.41	<10	0.04	88	<1	0.07	2	130	30	0.05	<5	1	11	<20
S411405		<10	0.49	<10	0.10	185	<1	0.14	1	110	13	0.05	<5	1	28	<20
S411406		10	1.79	10	0.17	149	<1	0.11	7	310	27	0.28	<5	3	21	<20
S411407		10	1.85	10	0.18	118	<1	0.18	4	270	14	0.23	<5	3	22	<20
S411408		<10	0.85	10	0.08	101	<1	0.03	8	170	169	0.29	<5	1	14	<20
S411409		10	1.84	20	0.15	87	<1	0.04	3	160	281	0.08	<5	3	17	<20
S411410		<10	0.84	10	0.07	88	<1	0.05	3	70	54	0.26	<5	1	12	<20
S411411		<10	0.26	<10	0.02	75	1	0.05	2	70	51	0.15	<5	<1	7	<20
S411412		<10	0.77	10	0.09	120	<1	0.05	4	190	5	0.20	<5	1	11	<20
S411413		<10	0.35	<10	0.07	168	<1	0.01	7	280	19	0.61	<5	1	19	<20
S411414		<10	0.56	10	0.11	181	<1	0.02	13	420	16	1.04	<5	1	29	<20
S411415		<10	0.95	10	0.13	181	<1	0.15	15	510	4	1.14	<5	2	27	<20
S411416		<10	0.53	10	0.04	77	<1	0.06	1	210	3	0.11	<5	1	9	<20

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 4- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17206825

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411247		1.32	<10	<10	313	<10	151
S411248		<0.01	<10	<10	1	<10	12
S411249		0.02	<10	<10	6	<10	449
S411250		0.04	<10	<10	11	<10	100
S411258		0.05	<10	<10	16	<10	183
S411259		0.19	<10	<10	68	<10	109
S411260		0.41	<10	<10	109	<10	114
S411261		0.14	<10	<10	43	<10	33
S411262		0.11	<10	<10	28	<10	39
S411263		0.27	<10	<10	115	<10	75
S411264		0.05	<10	<10	19	<10	175
S411265		0.07	<10	<10	18	<10	53
S411324		0.18	<10	<10	115	<10	35
S411325		<0.01	<10	<10	1	<10	5
S411326		0.06	<10	<10	20	<10	23
S411327		0.02	<10	<10	13	<10	14
S411328		0.02	<10	<10	5	<10	48
S411329		0.03	<10	<10	10	<10	11
S411330		0.04	<10	<10	14	<10	9
S411331		<0.01	<10	<10	<1	<10	<2
S411332		0.01	<10	<10	3	<10	42
S411333		0.18	<10	<10	39	<10	90
S411376		0.01	<10	<10	2	<10	4
S411377		0.01	<10	<10	4	<10	60
S411401		0.16	<10	<10	47	<10	53
S411402		0.13	<10	<10	31	<10	50
S411403		0.11	<10	<10	25	<10	211
S411404		0.02	<10	<10	5	<10	11
S411405		0.02	<10	<10	7	<10	9
S411406		0.07	<10	<10	20	<10	42
S411407		0.07	<10	<10	20	<10	27
S411408		0.04	<10	<10	11	<10	17
S411409		0.13	<10	<10	23	<10	22
S411410		0.06	<10	<10	10	<10	24
S411411		0.02	<10	<10	3	<10	34
S411412		0.04	<10	<10	9	<10	16
S411413		0.02	<10	<10	4	<10	14
S411414		0.05	<10	<10	7	<10	15
S411415		0.07	<10	<10	12	<10	20
S411416		0.03	<10	<10	6	<10	6

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CERTIFICAT D'ANALYSE VO17206825

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411417		2.83	0.014		<0.5	0.23	<5	30	<0.5	<2	0.02	<0.5	3	31	14	1.01
S411418		3.18	0.022		<0.5	0.83	<5	100	<0.5	<2	0.01	<0.5	2	35	11	1.41
S411419		2.49	0.007		<0.5	0.39	<5	50	<0.5	<2	<0.01	<0.5	4	25	27	2.20
S411420		2.18	<0.005		0.7	0.58	<5	70	<0.5	<2	0.04	<0.5	3	32	13	1.41
S411421		3.32	0.017		<0.5	0.75	<5	90	<0.5	<2	0.01	<0.5	2	48	15	1.25

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S411417		<10	0.10	<10	0.01	81	<1	0.02	2	100	<2	0.13	<5	<1	4	<20
S411418		<10	0.40	<10	0.03	82	<1	0.05	1	100	<2	0.02	<5	1	6	<20
S411419		<10	0.18	<10	0.01	57	<1	0.04	2	40	13	0.19	<5	<1	4	<20
S411420		<10	0.28	<10	0.02	110	<1	0.04	2	130	57	0.03	<5	1	7	<20
S411421		<10	0.36	<10	0.03	89	<1	0.06	3	50	10	0.03	<5	1	6	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411417		0.01	<10	<10	2	<10	4
S411418		0.03	<10	<10	7	<10	5
S411419		0.01	<10	<10	3	<10	3
S411420		0.02	<10	<10	5	<10	4
S411421		0.03	<10	<10	5	<10	5

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CERTIFICAT D'ANALYSE VO17206825

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	BAG- 01	CRU- 32
	LOG- 22	PUL- 32	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	CRU- QC	ME- ICP61	PUL- QC

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À: EXPLORATION MIDLAND INC
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Finalisée date: 27- OCT- 2017
Compte: MIDEXP

CERTIFICAT VO17207282

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 126 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17207282

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S408941		0.33	<0.005		<0.5	8.44	<5	1360	1.3	<2	2.77	0.5	25	110	51	6.84
S408942		0.44	<0.005		<0.5	4.98	17	340	0.6	<2	5.49	<0.5	8	9	43	3.01
S408943		0.46	<0.005		<0.5	7.77	<5	640	2.5	2	0.32	<0.5	19	75	162	5.97
S408944		0.47	<0.005		<0.5	7.31	8	70	1.4	<2	0.41	<0.5	11	70	9	5.52
S408945		0.40	<0.005		<0.5	1.40	8	110	0.5	<2	0.06	<0.5	3	32	2	1.70
S408946		0.60	0.005		<0.5	5.93	646	210	1.5	2	1.09	<0.5	72	42	187	6.10
S408947		0.42	<0.005		<0.5	5.72	110	130	1.1	<2	0.55	<0.5	114	44	227	6.98
S408948		0.57	0.306		<0.5	6.20	2360	150	1.1	<2	0.76	<0.5	32	61	93	4.81
S408949		0.40	<0.005		<0.5	8.62	27	620	2.0	<2	0.30	<0.5	23	89	85	4.75
S408950		0.66	<0.005		<0.5	7.01	<5	440	1.6	3	0.30	<0.5	58	70	421	12.75
S411173		0.85	0.018		<0.5	7.48	25	10	<0.5	<2	9.89	0.9	55	5	104	11.15
S411174		0.53	<0.005		<0.5	6.76	10	70	<0.5	<2	4.84	0.7	50	5	43	10.90
S411175		0.67	3.38	3.56	<0.5	1.57	3100	40	<0.5	2	1.03	0.8	107	6	160	31.3
S411176		0.52	0.150		<0.5	7.36	173	590	0.6	<2	3.13	0.9	54	7	309	10.70
S411177		0.83	0.005		<0.5	4.56	13	10	7.0	<2	6.07	0.7	58	27	183	7.73
S411178		0.70	<0.005		<0.5	0.95	5	10	<0.5	<2	0.29	<0.5	6	40	43	2.73
S411179		0.53	0.010		<0.5	6.16	610	140	0.9	<2	0.24	<0.5	6	52	2	2.56
S411180		0.50	0.011		<0.5	7.64	7	1220	1.1	2	3.06	0.7	40	174	176	8.71
S411181		0.67	0.025		<0.5	8.77	25	580	1.8	<2	0.23	<0.5	26	95	87	8.88
S411182		0.91	<0.005		<0.5	7.20	5	10	<0.5	<2	11.20	0.7	44	144	96	9.37
S411183		0.44	<0.005		<0.5	5.88	19	150	0.8	2	1.93	0.5	22	11	10	10.25
S411184		0.62	0.138		<0.5	4.15	5380	110	<0.5	<2	5.93	0.8	43	11	115	8.14
S411185		0.74	<0.005		<0.5	7.12	70	200	<0.5	3	5.90	0.5	54	5	72	11.60
S411186		0.62	<0.005		<0.5	6.86	434	190	0.6	<2	5.55	0.8	44	7	105	12.00
S411187		0.73	<0.005		<0.5	5.78	105	90	1.0	<2	0.65	<0.5	142	9	1495	6.84
S411188		1.09	<0.005		<0.5	5.90	5	10	<0.5	<2	2.48	<0.5	11	10	5	4.85
S411189		0.82	<0.005		0.5	2.07	9	<10	<0.5	<2	1.46	<0.5	13	191	129	3.44
S411190		0.68	<0.005		<0.5	7.60	<5	500	1.8	<2	0.05	<0.5	6	67	37	4.78
S411191		0.62	<0.005		<0.5	1.09	<5	70	<0.5	2	0.34	<0.5	4	43	10	1.86
S411192		0.57	0.012		<0.5	7.18	<5	520	1.9	2	0.03	<0.5	5	65	88	7.14
S411193		0.73	<0.005		<0.5	6.48	10	440	1.5	<2	0.39	<0.5	5	59	2	3.38
S411194		0.68	<0.005		<0.5	2.57	<5	60	<0.5	<2	0.66	<0.5	2	23	2	1.34
S411195		0.61	<0.005		<0.5	7.49	6	390	1.5	<2	0.10	<0.5	8	52	26	4.03
S411196		0.67	<0.005		<0.5	5.08	<5	260	1.0	<2	0.08	<0.5	7	40	10	3.10
S411197		0.72	<0.005		<0.5	6.54	<5	250	1.0	<2	0.17	<0.5	7	41	23	3.10
S411198		0.70	<0.005		<0.5	2.33	<5	110	0.5	<2	1.18	<0.5	5	35	53	2.29
S411199		0.59	<0.005		<0.5	2.13	<5	110	<0.5	<2	5.83	<0.5	4	27	7	2.97
S411200		0.11	4.02	4.10	0.6	7.10	34	610	0.8	<2	2.49	1.1	18	65	154	5.35
S411212		0.54	0.008		<0.5	4.14	11	210	<0.5	<2	3.64	0.5	9	20	30	5.18
S411213		0.63	<0.005		<0.5	3.80	10	190	<0.5	3	5.15	0.5	7	11	36	6.20

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À: EXPLORATION MIDLAND INC
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17207282

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S408941		20	2.26	30	2.27	820	1	2.49	58	1080	19	0.11	<5	23	603	<20
S408942		10	1.81	10	0.25	1155	1	1.07	<1	310	4	0.42	6	10	86	<20
S408943		20	2.81	10	0.83	1175	12	1.49	66	320	4	1.77	<5	11	51	<20
S408944		20	0.12	<10	1.13	1035	<1	4.30	12	80	<2	0.04	<5	11	139	<20
S408945		<10	0.40	<10	0.07	379	1	0.54	4	40	<2	0.01	<5	2	14	<20
S408946		20	0.76	10	0.65	722	3	3.14	42	100	2	2.09	<5	5	108	<20
S408947		20	0.43	10	0.63	342	5	3.27	56	110	5	2.88	<5	5	136	<20
S408948		20	0.51	10	0.78	816	2	3.61	36	120	8	0.54	<5	8	99	<20
S408949		20	2.67	10	1.13	398	5	3.12	26	140	5	0.69	<5	11	138	<20
S408950		20	2.48	10	1.53	720	4	0.65	101	170	12	3.52	<5	11	34	<20
S411173		30	0.03	<10	2.48	1710	<1	0.52	3	240	<2	0.26	<5	50	163	<20
S411174		20	0.39	<10	1.90	1715	<1	1.04	7	270	6	0.17	<5	43	93	<20
S411175		<10	0.63	<10	0.20	505	2	0.15	2	40	15	>10.0	7	13	14	<20
S411176		20	2.94	<10	0.63	2070	7	0.80	3	290	7	1.61	<5	56	54	<20
S411177		10	0.03	<10	1.30	5150	<1	0.06	37	90	4	0.86	<5	16	138	<20
S411178		<10	0.01	<10	0.62	289	<1	0.05	10	110	<2	0.29	<5	3	7	<20
S411179		10	0.47	10	0.29	707	1	4.34	7	80	12	0.03	<5	5	107	<20
S411180		20	1.95	30	3.24	1000	2	1.84	101	1400	12	0.34	<5	35	447	<20
S411181		20	1.83	20	1.45	895	1	2.82	50	310	3	0.60	<5	12	90	<20
S411182		20	0.05	<10	3.18	1475	1	0.82	95	410	<2	0.50	<5	44	112	<20
S411183		20	0.27	10	0.38	2130	1	2.66	9	1680	4	0.09	<5	40	75	<20
S411184		10	0.43	<10	1.30	2050	1	0.79	1	480	7	0.56	6	31	74	<20
S411185		20	0.94	<10	1.58	2120	1	1.48	<1	270	3	0.21	7	53	63	<20
S411186		20	1.01	<10	1.12	2090	1	1.97	<1	390	5	0.41	5	39	93	<20
S411187		20	0.30	10	0.09	399	1	3.94	20	1300	24	3.58	<5	1	54	<20
S411188		10	0.03	<10	1.12	1110	<1	3.38	7	90	<2	0.01	<5	30	49	<20
S411189		<10	0.01	<10	1.65	456	<1	0.32	41	60	11	0.05	<5	12	27	<20
S411190		20	3.00	30	0.89	164	1	0.38	10	470	12	0.16	6	10	49	<20
S411191		<10	0.38	10	0.19	446	<1	0.03	9	20	26	0.02	<5	2	18	<20
S411192		20	3.04	20	0.74	260	2	0.15	7	630	16	0.19	<5	12	38	<20
S411193		20	2.69	10	0.74	313	<1	0.08	19	210	<2	<0.01	<5	9	32	<20
S411194		<10	0.35	10	0.17	224	1	1.30	4	200	13	<0.01	<5	1	37	<20
S411195		20	2.34	10	0.89	264	1	1.14	16	380	6	0.01	<5	8	40	20
S411196		10	1.57	10	0.63	354	1	0.74	16	290	9	0.01	<5	5	31	<20
S411197		10	1.50	20	0.67	214	1	2.01	14	410	9	0.03	<5	6	44	20
S411198		10	0.74	10	0.44	304	1	0.04	15	210	12	0.03	<5	3	22	<20
S411199		10	0.60	10	0.62	1025	<1	0.05	8	130	15	0.01	<5	2	189	<20
S411200		20	1.14	10	1.56	902	8	2.26	43	780	51	0.15	8	17	290	<20
S411212		10	1.98	<10	0.65	1150	<1	0.07	1	170	2	0.21	<5	20	44	<20
S411213		10	1.79	<10	1.07	1325	<1	0.06	<1	90	2	0.19	<5	28	61	<20

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CERTIFICAT D'ANALYSE VO17207282

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S408941		0.61	<10	<10	188	<10	131
S408942		0.24	<10	<10	52	<10	15
S408943		0.31	10	10	195	<10	54
S408944		0.25	<10	<10	87	<10	42
S408945		0.03	<10	<10	33	<10	8
S408946		0.14	<10	<10	40	<10	20
S408947		0.14	<10	<10	37	<10	21
S408948		0.22	<10	<10	63	<10	49
S408949		0.30	<10	<10	174	<10	23
S408950		0.26	<10	<10	140	<10	35
S411173		0.93	<10	<10	703	<10	121
S411174		0.45	<10	<10	523	<10	92
S411175		0.13	<10	<10	130	<10	58
S411176		0.43	<10	<10	567	10	68
S411177		0.33	<10	<10	359	<10	81
S411178		0.07	<10	<10	48	<10	34
S411179		0.16	<10	<10	39	<10	28
S411180		0.79	<10	<10	252	<10	167
S411181		0.31	<10	<10	99	<10	46
S411182		0.69	<10	<10	356	<10	113
S411183		0.58	<10	<10	2	<10	49
S411184		0.54	<10	<10	324	<10	50
S411185		0.98	<10	<10	555	<10	63
S411186		1.18	<10	<10	67	<10	51
S411187		0.40	<10	<10	2	<10	23
S411188		0.93	<10	<10	111	<10	28
S411189		0.09	<10	<10	71	<10	37
S411190		0.19	<10	<10	67	<10	60
S411191		0.04	<10	<10	12	<10	18
S411192		0.21	<10	<10	89	<10	47
S411193		0.18	<10	<10	57	<10	41
S411194		0.03	<10	<10	9	<10	12
S411195		0.13	<10	<10	52	<10	51
S411196		0.09	<10	<10	35	<10	37
S411197		0.09	<10	<10	40	<10	40
S411198		0.05	<10	<10	19	<10	16
S411199		0.07	<10	<10	15	<10	27
S411200		0.38	<10	<10	146	40	305
S411212		0.32	<10	<10	278	<10	20
S411213		0.78	<10	<10	338	<10	19

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CERTIFICAT D'ANALYSE VO17207282

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411214		0.56	0.034		<0.5	6.25	181	180	<0.5	<2	7.37	1.1	63	4	76	10.90
S411215		0.97	6.23	5.39	1.3	0.21	2310	10	<0.5	3	1.06	0.6	59	15	474	21.7
S411216		0.68	0.022		<0.5	6.62	12	50	1.0	2	2.74	<0.5	26	8	254	9.59
S411217		0.57	0.007		<0.5	7.82	12	440	1.5	<2	0.34	<0.5	14	84	42	4.05
S411218		0.52	0.008		<0.5	4.38	<5	20	<0.5	<2	3.59	<0.5	56	10	635	9.45
S411219		0.50	<0.005		<0.5	1.84	6	20	<0.5	2	1.47	<0.5	7	17	7	3.89
S411220		0.55	<0.005		<0.5	8.18	<5	1020	1.3	4	2.87	<0.5	21	94	42	5.66
S411221		0.58	<0.005		<0.5	5.59	11	60	0.7	<2	1.72	<0.5	14	10	32	6.96
S411222		0.70	<0.005		<0.5	7.42	42	260	0.6	3	2.59	<0.5	40	15	99	9.15
S411223		0.77	<0.005		<0.5	6.29	<5	30	1.0	9	2.54	<0.5	33	4	67	11.10
S411224		0.58	<0.005		<0.5	3.45	47	40	0.8	<2	0.51	<0.5	49	45	152	4.82
S411225		0.58	0.006		<0.5	8.83	32	30	0.8	8	1.79	<0.5	38	6	145	15.45
S411226		0.62	<0.005		<0.5	6.54	70	20	0.5	<2	2.92	2.7	142	4	464	8.42
S411227		0.49	<0.005		<0.5	7.22	37	180	1.1	3	1.76	<0.5	84	28	281	5.01
S411228		0.83	<0.005		<0.5	5.20	12	20	0.7	<2	2.16	<0.5	127	7	1120	10.05
S411229		0.64	<0.005		<0.5	5.10	18	20	<0.5	2	10.80	<0.5	16	194	6	5.33
S411230		0.59	<0.005		<0.5	2.17	<5	220	0.5	<2	0.23	<0.5	2	24	8	1.67
S411231		0.78	<0.005		<0.5	2.57	<5	230	0.6	<2	0.81	<0.5	4	33	24	2.77
S411232		0.64	<0.005		<0.5	1.43	<5	120	<0.5	<2	0.70	<0.5	6	18	72	3.78
S411233		0.70	<0.005		<0.5	0.39	<5	30	<0.5	<2	0.42	<0.5	3	31	35	2.25
S411234		0.49	<0.005		<0.5	0.92	<5	40	<0.5	<2	0.52	<0.5	2	15	52	3.35
S411235		0.58	0.017		1.0	3.11	<5	440	0.5	16	0.02	<0.5	61	23	1200	5.78
S411236		0.57	<0.005		<0.5	1.37	<5	220	<0.5	<2	0.19	<0.5	1	25	9	1.10
S411237		0.59	<0.005		<0.5	2.53	<5	360	0.7	<2	0.66	<0.5	3	23	10	1.77
S411238		0.72	<0.005		<0.5	2.67	<5	430	0.6	2	0.74	<0.5	2	37	8	1.27
S411239		0.74	<0.005		<0.5	11.00	<5	640	3.0	2	0.04	<0.5	10	125	49	6.15
S411240		0.11	3.82	4.14	0.6	7.17	30	610	0.8	<2	2.43	0.7	20	65	147	5.37
S411241		0.73	<0.005		0.5	1.50	<5	40	<0.5	<2	0.48	<0.5	2	50	5	1.26
S411242		0.66	<0.005		<0.5	0.41	<5	40	<0.5	<2	0.70	<0.5	3	35	21	1.82
S411243		0.49	<0.005		<0.5	1.36	121	160	0.6	2	2.90	0.7	80	18	101	3.54
S411244		0.55	<0.005		<0.5	0.48	<5	50	<0.5	4	1.70	0.5	4	54	19	2.59
S411251		0.83	<0.005		<0.5	3.34	<5	140	0.6	<2	0.22	<0.5	6	38	16	3.99
S411252		0.80	<0.005		<0.5	5.27	<5	360	1.0	<2	0.66	<0.5	5	55	16	4.13
S411253		0.69	<0.005		<0.5	4.82	<5	310	1.1	<2	0.27	<0.5	3	47	12	3.13
S411254		0.74	0.006		<0.5	1.91	<5	170	0.8	<2	0.11	0.6	4	41	42	2.50
S411255		0.58	<0.005		<0.5	0.25	<5	30	<0.5	<2	0.52	<0.5	1	28	64	1.02
S411256		0.75	<0.005		<0.5	0.74	<5	40	<0.5	<2	3.24	<0.5	4	26	19	3.20
S411257		0.41	<0.005		<0.5	1.62	<5	200	<0.5	<2	0.46	<0.5	4	31	18	1.77
S411301		0.43	<0.005		<0.5	5.98	24	20	<0.5	7	5.37	<0.5	59	7	77	12.95
S411302		0.37	<0.005		<0.5	7.38	<5	20	1.9	<2	0.69	<0.5	11	84	8	4.12

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CERTIFICAT D'ANALYSE VO17207282

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411214		20	0.81	<10	2.19	1705	1	1.42	6	200	2	2.11	5	45	164	<20
S411215		<10	0.06	<10	0.19	466	1	0.03	7	30	23	>10.0	<5	5	9	<20
S411216		20	0.25	10	0.96	1255	1	2.86	<1	980	5	1.38	<5	30	80	<20
S411217		20	2.03	10	1.11	448	3	3.20	41	140	<2	0.35	<5	12	102	<20
S411218		10	0.06	<10	2.04	1270	1	0.22	39	160	3	0.23	<5	33	51	<20
S411219		10	0.07	<10	0.77	785	1	0.48	3	90	4	0.01	<5	15	38	<20
S411220		20	1.59	30	1.89	652	1	2.62	50	1020	15	0.09	<5	19	639	<20
S411221		20	0.07	10	0.35	1770	1	3.28	6	400	<2	0.25	<5	17	122	<20
S411222		20	0.94	10	0.95	1400	1	2.33	2	360	2	0.27	<5	29	81	<20
S411223		20	0.05	10	1.16	1935	<1	2.33	<1	1570	<2	0.55	<5	37	81	<20
S411224		10	0.26	<10	0.77	412	<1	1.44	35	70	90	0.83	<5	5	27	<20
S411225		20	0.07	<10	1.40	2450	1	4.24	2	280	5	1.89	<5	20	68	<20
S411226		20	0.07	<10	1.94	1655	<1	3.17	43	120	12	2.14	<5	39	46	<20
S411227		20	0.76	10	0.91	688	1	3.13	22	420	2	1.14	<5	21	289	<20
S411228		20	0.05	10	1.35	1250	<1	3.04	<1	1180	<2	3.73	<5	28	125	<20
S411229		10	0.04	<10	5.92	1705	<1	0.35	55	10	<2	0.02	<5	63	83	<20
S411230		<10	0.94	10	0.28	141	1	0.04	3	900	5	0.02	<5	1	9	<20
S411231		10	1.04	10	0.36	478	1	0.03	4	1370	11	0.12	<5	2	25	<20
S411232		<10	0.51	10	0.31	490	1	0.01	6	2630	12	0.59	<5	1	17	<20
S411233		<10	0.14	<10	0.07	233	1	0.01	4	1820	5	0.17	<5	<1	12	<20
S411234		<10	0.19	10	0.23	313	1	0.02	5	2170	3	0.11	<5	1	12	<20
S411235		<10	1.69	10	0.14	147	1	0.03	15	260	61	2.42	<5	2	7	<20
S411236		<10	0.69	<10	0.12	156	1	0.06	2	190	3	0.04	<5	1	8	<20
S411237		<10	1.38	20	0.29	303	1	0.01	3	1480	5	0.11	<5	1	20	<20
S411238		<10	1.57	10	0.24	291	1	0.01	2	260	34	0.05	<5	1	23	<20
S411239		30	4.44	<10	1.40	260	1	0.15	25	250	2	0.02	<5	17	54	<20
S411240		10	1.12	10	1.52	880	8	2.22	41	770	45	0.14	<5	17	278	<20
S411241		<10	0.22	10	0.18	267	1	0.67	5	240	372	0.04	<5	1	51	<20
S411242		<10	0.25	<10	0.24	787	1	0.01	5	120	8	0.29	<5	<1	16	<20
S411243		<10	0.82	10	0.80	2610	1	0.01	47	4190	14	0.76	<5	2	76	<20
S411244		<10	0.28	<10	0.58	1950	1	<0.01	4	140	6	0.15	<5	1	39	<20
S411251		10	0.73	10	0.80	287	1	0.47	11	360	26	0.06	<5	3	25	<20
S411252		10	1.80	10	0.95	412	1	0.26	9	230	4	0.05	<5	6	32	<20
S411253		10	1.65	10	0.65	266	1	0.58	4	320	<2	0.02	<5	5	30	<20
S411254		<10	1.21	10	0.37	234	3	0.01	10	220	36	0.07	<5	4	6	<20
S411255		<10	0.16	<10	0.16	547	1	<0.01	3	90	49	0.01	<5	<1	13	<20
S411256		<10	0.45	10	1.43	1015	1	0.05	4	110	3	0.13	<5	1	49	<20
S411257		<10	0.73	10	0.13	234	<1	0.29	9	140	2	0.25	<5	1	17	<20
S411301		20	0.10	<10	2.88	1810	1	1.06	12	230	2	0.18	<5	51	95	<20
S411302		20	0.10	<10	0.81	1230	2	4.71	11	60	24	0.01	<5	9	48	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 27- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17207282

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411214		0.76	<10	<10	813	10	33
S411215		0.01	<10	<10	53	10	24
S411216		0.70	<10	<10	31	<10	55
S411217		0.31	<10	<10	154	<10	18
S411218		0.58	<10	<10	748	<10	90
S411219		0.23	<10	<10	99	<10	27
S411220		0.47	<10	<10	147	<10	107
S411221		0.27	<10	<10	4	<10	37
S411222		0.95	<10	<10	43	<10	53
S411223		0.93	10	<10	2	<10	54
S411224		0.08	<10	<10	28	<10	70
S411225		1.17	<10	<10	32	<10	74
S411226		1.07	<10	<10	155	<10	301
S411227		0.41	<10	<10	42	<10	16
S411228		0.51	<10	<10	13	<10	39
S411229		0.06	<10	<10	239	<10	24
S411230		0.06	<10	<10	18	<10	16
S411231		0.08	<10	<10	22	<10	20
S411232		0.03	<10	<10	13	<10	27
S411233		0.04	<10	<10	5	<10	8
S411234		0.03	<10	<10	10	<10	24
S411235		0.08	<10	<10	20	<10	15
S411236		0.03	<10	<10	11	<10	10
S411237		0.06	<10	<10	18	<10	32
S411238		0.07	<10	<10	19	<10	33
S411239		0.29	10	<10	101	<10	60
S411240		0.38	<10	<10	149	40	289
S411241		0.03	<10	<10	9	<10	23
S411242		0.01	<10	<10	14	<10	31
S411243		0.02	<10	<10	13	<10	136
S411244		0.01	<10	<10	17	<10	57
S411251		0.06	<10	<10	22	<10	39
S411252		0.12	<10	<10	38	<10	41
S411253		0.14	<10	<10	36	<10	24
S411254		0.10	<10	<10	55	<10	50
S411255		<0.01	<10	<10	4	<10	3
S411256		0.03	<10	<10	9	<10	14
S411257		0.09	<10	<10	12	<10	19
S411301		0.96	<10	<10	857	<10	120
S411302		0.30	<10	<10	111	<10	91

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CERTIFICAT D'ANALYSE VO17207282

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411303		0.34	<0.005		<0.5	2.21	5	10	<0.5	2	0.05	<0.5	12	39	2	4.12
S411304		0.46	<0.005		<0.5	6.60	<5	40	0.6	<2	2.04	<0.5	27	15	158	5.29
S411305		0.38	<0.005		<0.5	7.41	6	10	<0.5	<2	3.32	<0.5	43	680	70	7.03
S411306		0.35	<0.005		<0.5	2.45	<5	80	<0.5	<2	0.28	<0.5	6	29	42	5.02
S411307		0.47	<0.005		<0.5	0.90	<5	1130	0.5	<2	0.01	<0.5	4	13	120	1.42
S411308		0.47	<0.005		<0.5	0.29	<5	200	<0.5	<2	1.17	<0.5	3	64	31	1.17
S411309		0.45	<0.005		<0.5	1.15	<5	40	<0.5	<2	0.31	<0.5	3	29	20	3.36
S411310		0.62	<0.005		<0.5	1.21	<5	30	<0.5	<2	0.20	<0.5	12	25	215	3.59
S411311		0.32	0.005		1.8	0.05	5	10	<0.5	<2	0.45	<0.5	7	13	319	2.02
S411312		0.41	<0.005		<0.5	0.96	<5	60	<0.5	3	4.25	<0.5	3	25	15	2.02
S411313		0.36	<0.005		<0.5	2.78	<5	60	<0.5	<2	0.08	<0.5	8	36	31	4.90
S411314		0.41	<0.005		<0.5	1.87	<5	120	0.5	<2	0.10	<0.5	3	33	10	1.76
S411315		0.39	<0.005		<0.5	2.14	5	20	<0.5	<2	12.95	<0.5	8	19	5	4.35
S411316		0.49	<0.005		<0.5	7.24	8	40	1.0	<2	0.89	<0.5	9	25	277	5.56
S411317		0.41	<0.005		<0.5	0.39	<5	<10	<0.5	2	8.08	1.2	10	4	65	12.55
S411318		0.23	<0.005		<0.5	2.30	<5	230	0.8	<2	6.56	0.6	6	15	6	5.13
S411319		0.37	<0.005		<0.5	0.35	<5	50	<0.5	<2	0.26	<0.5	1	13	14	4.33
S411320		0.11	4.03	3.98	0.7	6.85	30	590	0.8	<2	2.40	1.1	18	63	149	5.17
S411321		0.35	0.005		<0.5	0.18	<5	<10	<0.5	<2	0.01	<0.5	2	9	77	1.37
S411322		0.40	<0.005		<0.5	0.06	<5	10	<0.5	3	0.03	<0.5	1	23	2	1.18
S411323		0.54	<0.005		<0.5	0.52	<5	60	<0.5	<2	0.08	<0.5	2	34	1	0.85
S411351		0.70	<0.005		<0.5	5.45	<5	360	1.5	<2	0.29	<0.5	5	56	90	3.32
S411352		0.47	<0.005		<0.5	3.85	<5	450	0.8	<2	0.04	<0.5	1	24	7	2.16
S411353		0.52	<0.005		<0.5	3.04	<5	340	0.5	5	0.05	<0.5	11	23	121	14.70
S411354		0.49	0.006		<0.5	3.06	<5	70	0.6	6	0.20	<0.5	58	21	192	14.25
S411355		0.52	<0.005		<0.5	2.64	5	380	0.6	<2	1.22	<0.5	17	23	62	3.55
S411356		0.75	<0.005		<0.5	2.44	<5	250	<0.5	<2	0.31	<0.5	7	25	61	2.68
S411357		0.75	<0.005		<0.5	2.82	<5	150	0.6	3	0.43	<0.5	4	35	20	2.87
S411358		0.51	0.006		<0.5	3.61	<5	300	1.0	3	0.03	2.4	30	27	449	11.95
S411359		0.55	0.011		0.5	2.81	<5	310	0.7	3	0.01	1.5	1	21	17	3.77
S411360		0.11	4.16	4.20	0.7	6.54	35	570	0.7	2	2.28	1.0	18	61	140	5.01
S411361		0.61	<0.005		<0.5	3.02	<5	280	0.8	<2	0.14	<0.5	1	30	7	1.94
S411362		0.66	<0.005		<0.5	0.74	<5	120	<0.5	<2	0.17	<0.5	1	31	10	1.22
S411363		0.75	<0.005		<0.5	1.09	<5	60	<0.5	2	1.40	<0.5	4	19	77	3.52
S411364		0.58	<0.005		<0.5	8.37	5	570	1.5	<2	0.65	<0.5	12	79	30	4.47
S411365		0.52	<0.005		<0.5	5.19	<5	10	<0.5	<2	0.65	1.0	30	78	425	13.00
S411366		0.90	<0.005		<0.5	6.40	<5	10	<0.5	5	6.08	0.9	30	103	395	11.90
S411367		0.57	<0.005		<0.5	6.56	<5	210	0.9	<2	4.92	<0.5	7	63	180	6.15
S411368		0.49	<0.005		<0.5	5.94	<5	30	<0.5	<2	0.99	<0.5	28	3	415	12.75
S411369		0.48	<0.005		<0.5	5.82	<5	30	<0.5	3	1.30	<0.5	71	14	1350	10.35

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S411303		10	0.05	<10	0.77	1105	1	0.55	5	10	3	<0.01	<5	3	5	<20
S411304		20	0.17	10	0.81	728	1	3.50	11	890	4	1.13	<5	27	75	<20
S411305		10	0.05	<10	6.61	1180	1	1.51	168	140	<2	0.01	<5	42	53	<20
S411306		10	0.35	<10	1.22	303	1	0.02	5	1140	4	0.05	<5	2	8	<20
S411307		<10	0.46	<10	0.15	82	1	0.01	5	20	16	0.76	<5	<1	1	<20
S411308		<10	0.16	<10	0.10	332	<1	<0.01	3	30	6	0.20	<5	<1	42	<20
S411309		<10	0.16	<10	0.61	170	1	0.01	2	1620	15	0.05	<5	1	8	<20
S411310		<10	0.12	<10	0.69	178	1	<0.01	5	960	3	0.58	<5	1	6	<20
S411311		<10	0.02	<10	0.01	281	1	<0.01	3	20	1150	0.23	<5	<1	5	<20
S411312		<10	0.30	10	0.26	1200	<1	0.02	2	970	58	0.02	<5	1	139	<20
S411313		10	0.39	<10	1.07	299	<1	0.03	26	180	12	0.02	<5	2	8	<20
S411314		<10	0.65	10	0.29	175	<1	0.17	6	100	6	0.04	<5	2	13	<20
S411315		10	0.07	<10	1.51	1095	<1	0.02	13	40	4	<0.01	<5	3	74	<20
S411316		20	0.16	20	1.13	416	1	4.45	3	1420	8	0.47	<5	21	97	<20
S411317		<10	0.01	<10	10.45	1185	<1	0.02	2	720	<2	0.45	6	1	6	<20
S411318		10	1.65	10	2.73	2500	<1	0.02	7	380	18	0.01	<5	4	138	<20
S411319		<10	0.10	<10	0.49	966	<1	<0.01	1	70	<2	0.12	<5	<1	1	<20
S411320		20	1.08	10	1.50	878	7	2.18	42	750	48	0.14	8	16	279	<20
S411321		<10	0.01	<10	0.12	233	<1	<0.01	<1	10	4	0.01	<5	<1	1	<20
S411322		<10	0.02	<10	0.06	194	<1	0.01	1	10	<2	0.02	<5	<1	2	<20
S411323		<10	0.29	10	0.03	111	<1	0.02	4	190	3	0.01	<5	1	6	<20
S411351		10	2.10	20	0.48	226	1	0.32	10	520	15	0.11	<5	7	34	<20
S411352		10	1.82	10	0.14	76	1	0.17	<1	340	11	0.03	<5	2	17	<20
S411353		10	1.34	10	0.11	183	1	0.29	7	250	33	1.02	<5	1	16	<20
S411354		10	1.37	10	0.13	219	1	0.19	38	240	76	6.88	<5	2	17	<20
S411355		10	1.45	10	0.20	357	1	0.02	8	2020	10	0.53	<5	1	49	<20
S411356		10	1.19	10	0.35	141	<1	0.02	3	1230	4	0.36	<5	1	10	<20
S411357		10	0.86	10	0.50	331	<1	0.04	14	250	52	0.04	<5	3	14	<20
S411358		10	1.55	<10	0.09	73	1	0.35	5	290	12	1.52	5	3	17	<20
S411359		10	1.34	10	0.10	74	<1	0.13	1	310	65	0.36	<5	1	14	<20
S411360		10	1.04	10	1.42	833	7	2.07	39	700	42	0.14	8	15	264	<20
S411361		10	1.33	<10	0.17	111	<1	0.17	2	450	6	0.04	<5	3	16	<20
S411362		<10	0.44	<10	0.05	188	<1	0.01	<1	500	8	0.03	<5	<1	9	<20
S411363		<10	0.31	10	0.62	473	1	0.02	5	1340	2	1.41	<5	1	24	<20
S411364		20	3.31	30	1.27	422	1	0.78	21	300	<2	0.06	<5	15	35	<20
S411365		10	0.02	10	3.44	1090	1	0.60	16	550	8	0.23	<5	26	46	<20
S411366		20	0.05	<10	3.76	1360	1	0.60	53	330	5	0.54	6	33	143	<20
S411367		20	0.60	10	2.14	753	<1	2.92	9	650	<2	0.32	<5	24	178	<20
S411368		20	0.10	10	1.17	706	1	3.18	8	2910	9	3.67	<5	27	18	<20
S411369		10	0.11	10	1.31	637	1	3.37	23	860	3	4.63	9	19	44	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 27- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17207282

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411303		0.04	<10	<10	28	<10	92
S411304		0.76	<10	<10	134	<10	22
S411305		0.25	<10	<10	229	<10	94
S411306		0.08	<10	<10	21	<10	49
S411307		<0.01	<10	<10	9	<10	5
S411308		<0.01	<10	<10	3	<10	7
S411309		0.04	<10	<10	12	<10	23
S411310		0.03	<10	<10	11	<10	27
S411311		<0.01	<10	<10	2	<10	236
S411312		0.02	<10	<10	9	<10	24
S411313		0.09	<10	<10	20	<10	54
S411314		0.05	<10	<10	15	<10	19
S411315		0.01	<10	<10	50	<10	63
S411316		0.54	<10	<10	60	<10	33
S411317		0.02	<10	<10	15	<10	189
S411318		0.07	<10	<10	18	<10	33
S411319		0.01	<10	<10	7	<10	11
S411320		0.36	<10	<10	142	40	294
S411321		0.01	<10	<10	3	<10	84
S411322		<0.01	<10	<10	2	<10	3
S411323		0.11	<10	<10	6	<10	5
S411351		0.09	<10	<10	43	<10	46
S411352		0.05	<10	<10	22	<10	7
S411353		0.03	<10	<10	17	<10	9
S411354		0.04	<10	<10	23	<10	18
S411355		0.06	<10	<10	18	<10	23
S411356		0.05	<10	<10	17	<10	82
S411357		0.05	<10	<10	20	<10	43
S411358		0.04	<10	10	27	<10	1740
S411359		0.03	<10	<10	15	<10	1315
S411360		0.34	<10	<10	133	30	281
S411361		0.06	<10	<10	22	<10	22
S411362		0.02	<10	<10	7	<10	18
S411363		0.02	<10	<10	12	<10	21
S411364		0.36	<10	<10	96	<10	73
S411365		0.44	<10	<10	211	<10	550
S411366		0.62	<10	<10	359	<10	121
S411367		0.60	<10	<10	137	<10	60
S411368		0.94	<10	<10	21	<10	45
S411369		0.38	<10	<10	32	<10	45

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CERTIFICAT D'ANALYSE VO17207282

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411370		0.64	0.081		<0.5	1.67	<5	<10	1.5	<2	0.99	0.8	7	10	160	31.9
S411371		0.49	<0.005		<0.5	1.73	433	220	<0.5	2	0.25	0.6	2	22	7	1.15
S411372		0.53	<0.005		<0.5	7.39	5	570	2.0	<2	0.07	<0.5	5	87	84	5.97
S411373		0.83	0.011		0.9	0.19	<5	20	<0.5	2	0.04	<0.5	7	48	35	1.62
S411374		0.60	<0.005		<0.5	0.27	<5	30	<0.5	<2	<0.01	<0.5	2	36	19	1.79
S411375		0.76	<0.005		<0.5	0.32	<5	30	<0.5	<2	0.14	<0.5	3	34	33	1.54

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S411370		10	0.01	<10	7.53	849	1	0.02	<1	1110	2	0.18	<5	1	2	<20
S411371		<10	0.64	10	0.10	137	<1	0.46	4	120	8	0.30	<5	1	24	<20
S411372		20	2.83	20	0.76	245	2	0.75	8	580	<2	0.39	<5	13	27	<20
S411373		<10	0.07	<10	0.01	129	<1	0.03	7	140	51	0.41	<5	<1	7	<20
S411374		<10	0.14	<10	0.01	123	<1	0.01	4	30	24	0.13	<5	<1	3	<20
S411375		<10	0.12	<10	0.02	128	<1	0.07	4	450	36	0.23	<5	<1	16	<20

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S411370		0.04	<10	10	30	<10	181
S411371		0.03	<10	<10	9	<10	1100
S411372		0.25	<10	<10	130	<10	27
S411373		<0.01	<10	<10	3	<10	12
S411374		0.02	<10	<10	4	<10	4
S411375		0.01	<10	<10	4	<10	12

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CERTIFICAT D'ANALYSE VO17207282

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	BAG- 01	CRU- 32	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

ALS Canada Ltd.

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Finalisée date: 27- OCT- 2017
Compte: MIDEXP

CERTIFICAT VO17217909

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 89 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 9- OCT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
BAG- 01	Entreposage pulp de ref.
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: SYLVAIN TRÉPANIER
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17217909

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411245		0.65	<0.005		<0.5	0.88	<5	100	<0.5	<2	1.18	<0.5	3	40	17	2.50
S411246		0.59	0.009		<0.5	1.52	2230	160	<0.5	<2	0.10	18.4	14	22	51	3.72
S411266		0.71	<0.005		<0.5	5.47	8	190	0.9	3	0.08	<0.5	13	64	55	6.99
S411267		0.64	<0.005		<0.5	2.96	<5	80	<0.5	<2	0.18	<0.5	5	30	15	4.23
S411268		0.64	<0.005		<0.5	7.85	19	10	<0.5	<2	4.64	0.9	79	160	748	10.20
S411269		0.85	<0.005		<0.5	0.07	9	20	1.2	<2	0.20	<0.5	<1	38	2	33.4
S411270		0.61	<0.005		<0.5	8.74	<5	520	1.9	<2	0.26	<0.5	41	38	67	12.85
S411271		0.49	<0.005		<0.5	1.04	<5	50	<0.5	<2	0.14	<0.5	10	32	10	3.16
S411272		0.79	<0.005		<0.5	5.43	<5	90	0.5	3	0.04	<0.5	22	52	59	9.55
S411273		0.59	<0.005		1.2	8.87	<5	520	2.2	9	0.06	<0.5	11	88	148	4.10
S411274		0.79	<0.005		<0.5	7.23	75	30	0.5	<2	5.95	0.7	49	90	99	7.97
S411275		0.61	0.008		<0.5	5.53	<5	50	0.7	<2	0.15	<0.5	26	64	269	19.05
S411276		0.65	<0.005		<0.5	0.27	<5	20	<0.5	<2	1.19	<0.5	5	12	67	24.8
S411277		0.56	0.005		<0.5	0.33	64	10	<0.5	<2	0.36	<0.5	76	20	107	2.23
S411278		0.40	0.041		0.5	3.38	223	50	1.0	<2	0.02	0.8	23	88	47	18.95
S411279		0.77	<0.005		<0.5	0.37	<5	40	<0.5	<2	0.88	<0.5	4	28	20	2.51
S411280		0.11	3.81	4.07	0.7	7.04	33	600	0.8	2	2.49	0.9	19	64	150	5.32
S411281		0.76	<0.005		<0.5	0.04	<5	10	<0.5	<2	0.02	<0.5	1	36	2	0.48
S411282		0.62	<0.005		<0.5	0.46	<5	20	<0.5	<2	1.12	<0.5	2	33	4	3.80
S411283		0.56	0.005		<0.5	0.14	<5	<10	<0.5	<2	0.07	<0.5	2	32	6	12.55
S411284		0.70	<0.005		<0.5	7.20	5	290	<0.5	2	4.61	0.5	41	554	<1	6.02
S411285		0.69	<0.005		<0.5	3.00	<5	80	<0.5	<2	5.28	0.8	17	155	1	4.32
S411286		0.68	<0.005		<0.5	0.03	<5	<10	<0.5	<2	0.06	<0.5	<1	41	1	0.48
S411287		0.79	0.036		<0.5	2.72	<5	20	<0.5	<2	1.37	<0.5	19	30	308	19.75
S411288		0.69	0.005		<0.5	0.95	<5	10	0.8	<2	2.22	0.8	2	29	45	7.58
S411289		0.55	<0.005		<0.5	4.92	459	300	1.6	<2	0.62	<0.5	14	69	74	7.53
S411294		0.60	<0.005		<0.5	0.67	<5	10	<0.5	<2	2.10	0.5	4	22	21	4.27
S411295		0.58	<0.005		<0.5	3.47	<5	120	4.1	<2	6.26	1.7	11	50	87	16.35
S411296		0.35	<0.005		<0.5	1.71	<5	10	<0.5	<2	0.19	<0.5	3	27	73	5.38
S411334		0.30	<0.005		<0.5	0.16	6	10	<0.5	<2	0.84	<0.5	1	26	7	1.65
S411335		0.36	0.036		1.0	9.24	5	10	<0.5	<2	7.04	1.6	129	4	1780	12.40
S411336		0.53	0.082		2.6	7.00	<5	<10	<0.5	<2	1.45	2.2	63	8	3490	10.00
S411337		0.29	0.005		<0.5	1.16	<5	120	<0.5	<2	0.89	<0.5	37	21	173	4.05
S411338		0.27	<0.005		<0.5	7.59	<5	510	2.2	<2	0.22	<0.5	6	84	29	5.09
S411339		0.39	<0.005		<0.5	5.25	<5	70	<0.5	<2	0.47	<0.5	8	65	267	19.30
S411340		0.51	<0.005		<0.5	8.01	<5	1030	1.2	3	2.74	<0.5	28	109	93	6.59
S411341		0.45	0.017		<0.5	2.88	<5	10	<0.5	<2	0.05	<0.5	10	22	20	7.62
S411342		0.41	0.007		1.1	0.15	10	<10	<0.5	<2	0.09	1.2	6	27	844	1.56
S411343		0.40	0.006		<0.5	7.74	5	730	1.9	<2	3.76	<0.5	6	4	229	9.36
S411344		0.33	0.025		5.4	3.45	39	10	<0.5	<2	7.01	2.2	38	52	7380	6.45

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411245		<10	0.56	<10	0.50	1815	1	0.01	6	250	3	0.06	<5	1	29	<20
S411246		<10	0.78	10	0.11	101	1	0.04	12	130	13	2.22	<5	1	10	<20
S411266		20	1.73	<10	1.45	816	<1	0.04	18	200	6	0.17	<5	5	7	<20
S411267		10	0.51	<10	1.96	520	<1	0.08	8	200	7	0.05	<5	2	9	<20
S411268		20	0.04	<10	5.23	1375	<1	2.72	258	600	18	0.37	<5	45	69	<20
S411269		<10	0.02	<10	0.04	898	1	0.02	<1	70	<2	<0.01	8	<1	<1	<20
S411270		20	2.23	10	1.15	947	<1	0.09	55	210	4	0.19	<5	18	14	<20
S411271		<10	0.07	<10	0.37	310	1	0.01	12	90	11	<0.01	<5	3	6	<20
S411272		10	0.72	<10	1.99	558	<1	0.09	40	190	120	0.06	<5	5	17	<20
S411273		20	4.07	40	0.96	281	<1	0.08	34	270	253	0.06	<5	13	57	<20
S411274		20	0.16	<10	3.09	778	<1	2.62	87	540	3	1.52	<5	36	154	<20
S411275		10	1.82	10	0.94	148	21	2.10	163	210	8	>10.0	<5	7	16	<20
S411276		<10	0.14	10	2.68	11650	1	0.01	23	720	4	2.39	8	1	3	<20
S411277		<10	0.02	<10	0.23	618	6	0.01	11	960	3	0.96	<5	<1	6	<20
S411278		10	1.51	10	0.45	162	9	0.04	94	260	41	>10.0	9	11	8	<20
S411279		<10	0.13	10	0.18	562	1	0.03	2	1110	4	0.27	<5	<1	12	<20
S411280		20	1.13	10	1.54	862	7	2.23	41	770	49	0.15	9	16	277	<20
S411281		<10	0.02	<10	0.01	66	<1	0.01	2	30	<2	<0.01	<5	<1	2	<20
S411282		<10	0.06	<10	0.63	851	1	0.16	2	410	6	0.03	<5	<1	23	<20
S411283		<10	0.04	<10	1.39	2190	1	0.06	3	280	<2	0.03	<5	2	3	<20
S411284		10	1.26	<10	6.27	986	<1	1.36	165	110	4	<0.01	<5	32	52	<20
S411285		10	0.51	<10	2.60	1400	<1	0.30	52	50	11	<0.01	<5	16	78	<20
S411286		<10	<0.01	<10	0.02	108	<1	0.01	2	40	<2	0.01	<5	<1	1	<20
S411287		10	0.04	10	2.79	8680	6	0.01	30	2270	3	4.93	<5	5	31	<20
S411288		<10	0.15	10	1.47	1270	2	0.15	2	2370	<2	0.36	<5	1	3	<20
S411289		10	2.29	10	1.65	2780	3	1.13	58	210	26	1.44	<5	9	32	<20
S411294		<10	0.02	<10	0.35	3390	<1	0.01	3	650	5	0.19	<5	1	40	<20
S411295		10	1.24	20	5.47	3630	<1	0.30	13	490	6	1.50	6	6	9	<20
S411296		10	0.10	<10	1.20	426	1	<0.01	2	1020	2	0.16	<5	1	1	<20
S411334		<10	0.07	<10	0.15	355	1	0.01	6	30	51	0.02	<5	1	15	<20
S411335		30	0.03	10	1.80	865	1	1.91	29	2200	20	2.73	<5	50	311	<20
S411336		20	0.01	10	1.49	780	<1	3.18	3	1730	2	1.37	<5	24	40	<20
S411337		<10	0.52	10	0.24	295	1	0.10	12	770	7	3.23	<5	2	62	<20
S411338		20	3.20	<10	1.03	943	<1	0.87	9	270	6	0.08	<5	11	15	<20
S411339		20	0.79	10	1.92	2890	2	0.02	8	3140	2	0.27	<5	6	7	<20
S411340		20	1.93	40	2.21	781	7	2.33	66	930	18	0.20	<5	21	502	20
S411341		10	0.04	<10	1.41	933	<1	0.02	10	80	5	0.03	<5	1	3	<20
S411342		<10	0.01	<10	0.10	154	1	0.02	20	10	2	0.09	<5	1	2	<20
S411343		40	2.48	20	0.81	2010	2	2.70	15	1300	5	3.44	<5	42	207	<20
S411344		10	0.01	<10	2.29	1040	<1	0.56	99	190	73	0.56	<5	13	23	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 27- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17217909

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411245		0.03	<10	<10	27	<10	24
S411246		0.03	<10	<10	9	10	9810
S411266		0.15	<10	<10	60	<10	138
S411267		0.02	<10	<10	22	<10	121
S411268		0.70	<10	<10	364	<10	111
S411269		<0.01	<10	<10	10	<10	4
S411270		0.25	10	<10	218	<10	137
S411271		0.05	<10	<10	28	<10	26
S411272		0.13	<10	<10	42	<10	181
S411273		0.37	10	<10	81	<10	71
S411274		0.84	10	<10	365	<10	41
S411275		0.27	<10	10	279	<10	107
S411276		0.01	10	<10	16	<10	24
S411277		0.01	<10	<10	7	<10	10
S411278		0.21	<10	<10	109	<10	157
S411279		0.01	<10	<10	5	<10	11
S411280		0.38	10	<10	143	40	298
S411281		<0.01	<10	<10	2	<10	<2
S411282		0.01	<10	<10	7	<10	10
S411283		<0.01	<10	<10	6	<10	69
S411284		0.25	<10	<10	197	<10	67
S411285		0.09	<10	<10	96	<10	83
S411286		<0.01	<10	<10	2	<10	2
S411287		0.11	<10	<10	44	<10	109
S411288		0.03	<10	<10	40	<10	82
S411289		0.25	<10	<10	88	<10	178
S411294		0.02	<10	<10	12	<10	16
S411295		0.12	<10	<10	87	<10	163
S411296		0.02	<10	<10	23	<10	89
S411334		<0.01	<10	<10	8	<10	8
S411335		1.62	10	<10	180	<10	81
S411336		0.66	<10	<10	16	<10	91
S411337		0.03	<10	<10	11	<10	16
S411338		0.29	<10	<10	71	10	55
S411339		0.21	<10	<10	75	<10	130
S411340		0.59	<10	<10	164	<10	119
S411341		0.01	<10	<10	20	<10	115
S411342		<0.01	<10	<10	9	<10	20
S411343		0.42	<10	<10	<1	<10	37
S411344		0.16	<10	<10	139	<10	92

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CERTIFICAT D'ANALYSE VO17217909

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411345		0.54	<0.005		<0.5	0.33	28	40	0.7	<2	0.04	<0.5	4	36	21	3.70
S411346		0.30	<0.005		<0.5	5.19	<5	40	<0.5	<2	0.29	<0.5	37	136	168	14.30
S411347		0.42	<0.005		0.7	8.53	<5	480	2.2	2	0.11	<0.5	10	79	75	4.55
S411348		0.36	<0.005		<0.5	7.72	212	400	1.7	<2	0.41	<0.5	22	32	135	9.52
S411349		0.38	<0.005		<0.5	7.66	8	900	1.7	<2	0.26	<0.5	6	23	81	8.34
S411350		0.35	0.011		0.6	1.49	<5	120	<0.5	<2	2.00	1.0	53	20	1070	13.10
S411378		0.71	<0.005		<0.5	3.66	<5	10	<0.5	<2	2.80	<0.5	26	85	79	5.64
S411379		0.82	<0.005		<0.5	4.08	<5	50	<0.5	<2	0.34	<0.5	7	74	35	10.50
S411380		0.45	<0.005		<0.5	7.32	<5	1040	1.3	<2	2.74	<0.5	18	101	13	5.28
S411381		0.52	<0.005		<0.5	3.28	<5	60	<0.5	<2	0.34	<0.5	24	33	131	7.93
S411382		0.55	<0.005		<0.5	4.29	<5	170	0.9	<2	3.58	0.6	6	54	40	6.61
S411383		0.68	<0.005		<0.5	3.70	<5	40	<0.5	2	0.55	0.5	26	50	238	11.55
S411384		0.57	<0.005		<0.5	6.10	25	240	1.1	<2	0.85	0.6	10	101	128	18.90
S411385		0.49	<0.005		<0.5	0.53	96	20	<0.5	<2	3.44	<0.5	8	16	25	4.31
S411386		0.50	0.017		<0.5	4.82	991	110	0.7	<2	0.45	0.5	93	57	458	23.1
S411387		0.80	0.014		0.5	5.68	141	310	1.4	<2	0.69	<0.5	34	34	214	10.60
S411388		0.60	0.012		0.6	5.23	82	40	0.9	<2	0.15	1.3	37	63	129	16.15
S411389		0.67	<0.005		<0.5	6.58	45	90	<0.5	<2	5.63	2.0	44	103	403	8.15
S411390		0.71	<0.005		<0.5	6.36	7	10	<0.5	<2	2.11	<0.5	5	30	23	1.37
S411391		0.57	<0.005		<0.5	3.04	10	240	2.0	<2	2.03	1.1	9	33	50	18.70
S411392		0.42	<0.005		<0.5	0.42	5	10	<0.5	<2	0.04	<0.5	1	28	15	3.34
S411393		0.38	<0.005		<0.5	0.04	<5	10	<0.5	<2	0.02	<0.5	<1	38	5	1.07
S411394		0.40	<0.005		<0.5	0.59	<5	60	<0.5	<2	0.33	<0.5	1	45	2	1.22
S411395		0.43	<0.005		<0.5	0.32	<5	10	<0.5	<2	0.10	<0.5	1	28	9	1.72
S411396		0.39	0.012		0.5	0.24	<5	10	<0.5	<2	0.82	<0.5	9	51	125	3.94
S411397		0.29	<0.005		<0.5	0.08	<5	10	<0.5	<2	0.05	<0.5	3	21	46	2.22
S411398		0.33	<0.005		<0.5	0.34	<5	30	<0.5	<2	0.85	<0.5	1	36	14	1.76
S411399		0.37	<0.005		<0.5	3.66	<5	250	1.0	<2	5.21	<0.5	13	38	2	3.45
S411400		0.11	3.96	3.68	0.7	6.11	27	520	0.7	<2	2.19	0.9	16	55	135	4.69
S411422		0.49	<0.005		<0.5	7.97	<5	810	1.3	<2	0.38	<0.5	8	77	44	2.82
S411423		0.44	<0.005		<0.5	9.28	<5	690	1.6	3	0.17	<0.5	9	85	128	4.57
S411424		0.58	<0.005		<0.5	6.77	<5	400	1.1	2	0.19	<0.5	8	75	88	7.05
S411425		0.71	<0.005		<0.5	5.68	<5	310	1.1	<2	0.05	<0.5	10	72	71	6.40
S411426		0.56	<0.005		<0.5	4.42	6	250	0.5	<2	7.36	<0.5	21	56	32	5.09
S411427		0.49	<0.005		0.5	6.87	16	470	<0.5	<2	6.84	0.8	18	141	344	4.86
S411428		0.47	<0.005		<0.5	1.19	<5	50	<0.5	<2	0.52	<0.5	4	20	9	1.70
S411429		0.57	0.010		2.3	3.84	<5	200	0.9	8	0.05	0.5	7	58	291	3.33
S411430		0.60	<0.005		<0.5	1.55	<5	70	<0.5	<2	0.77	0.7	5	36	23	4.56
S411431		0.53	0.047		<0.5	0.32	<5	50	<0.5	<2	0.03	<0.5	13	33	130	3.32
S411432		0.50	<0.005		<0.5	0.14	<5	20	<0.5	<2	0.08	<0.5	1	23	8	0.97

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CERTIFICAT D'ANALYSE VO17217909

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411345		<10	0.07	<10	0.26	175	2	0.01	4	140	8	0.48	<5	1	6	<20
S411346		20	0.20	<10	1.15	316	1	0.63	34	690	3	0.90	<5	24	12	<20
S411347		20	3.83	40	1.10	287	<1	0.08	30	540	142	0.07	<5	13	59	<20
S411348		20	3.72	20	1.79	263	27	0.09	77	350	4	3.78	<5	14	12	<20
S411349		20	3.70	60	1.46	214	36	0.15	25	570	6	1.85	<5	14	12	<20
S411350		<10	0.40	10	2.15	2920	1	0.02	21	400	3	1.84	<5	3	9	<20
S411378		10	0.05	<10	2.32	830	<1	0.58	68	240	2	0.08	<5	14	42	<20
S411379		10	0.25	<10	1.32	2330	2	0.34	19	1170	<2	0.41	<5	6	8	<20
S411380		20	1.72	20	1.85	584	<1	2.51	43	1050	17	0.04	<5	14	635	<20
S411381		10	0.43	<10	1.48	1455	<1	0.02	50	100	4	1.31	<5	2	9	<20
S411382		10	0.84	10	1.24	1875	1	0.77	13	90	6	0.32	<5	6	128	<20
S411383		10	0.18	10	1.47	1325	3	0.07	38	2230	2	1.42	<5	5	17	<20
S411384		20	1.14	10	1.93	1475	1	0.17	21	4450	<2	2.07	<5	10	37	<20
S411385		<10	0.11	10	0.34	442	1	0.02	21	120	<2	0.54	<5	2	14	<20
S411386		10	1.28	20	3.05	396	1	0.02	310	400	6	>10.0	<5	25	5	<20
S411387		20	2.61	110	1.79	213	21	0.03	124	1740	4	5.01	<5	12	11	<20
S411388		10	3.40	10	0.96	182	21	0.03	133	300	20	9.56	<5	8	5	<20
S411389		10	0.37	<10	4.18	1345	<1	2.44	65	390	22	0.31	<5	43	78	<20
S411390		10	0.03	<10	0.72	248	<1	4.91	5	520	2	0.03	<5	10	17	<20
S411391		10	0.65	20	2.67	3690	<1	0.18	24	320	2	0.93	<5	6	15	<20
S411392		<10	0.12	<10	0.13	238	1	0.01	1	180	<2	0.07	<5	1	3	<20
S411393		<10	0.01	<10	0.01	115	1	0.01	1	20	2	0.01	<5	<1	2	<20
S411394		<10	0.17	10	0.15	241	1	0.24	3	60	3	0.02	<5	1	21	<20
S411395		<10	0.06	<10	0.14	207	1	<0.01	3	210	<2	0.04	<5	<1	2	<20
S411396		<10	0.03	<10	0.15	631	<1	0.04	7	260	8	1.24	<5	<1	14	<20
S411397		<10	0.03	<10	0.02	666	1	<0.01	13	110	<2	0.75	<5	<1	2	<20
S411398		<10	0.13	<10	0.12	741	1	0.01	3	970	<2	0.05	<5	1	12	<20
S411399		10	1.86	20	1.04	1590	<1	0.51	17	230	12	<0.01	<5	6	279	<20
S411400		10	1.01	10	1.34	779	6	1.96	37	670	43	0.12	<5	14	237	<20
S411422		20	3.04	30	0.85	308	<1	2.14	22	160	4	0.15	<5	10	39	<20
S411423		20	5.08	20	1.02	368	<1	0.06	18	180	5	0.37	<5	11	13	<20
S411424		20	2.75	10	1.42	990	<1	0.04	16	200	4	0.11	<5	8	10	<20
S411425		10	2.10	10	1.33	474	1	0.13	17	200	4	0.60	<5	6	15	<20
S411426		10	2.09	<10	2.99	1735	<1	0.08	33	390	6	0.51	<5	18	151	<20
S411427		10	1.62	<10	3.14	1135	<1	2.76	92	350	43	1.58	<5	35	236	<20
S411428		<10	0.42	10	0.26	136	1	0.02	6	1230	2	0.12	<5	2	33	<20
S411429		10	1.47	20	0.67	222	<1	0.04	17	160	529	0.09	<5	6	25	<20
S411430		<10	0.59	<10	0.26	1775	<1	0.03	13	180	24	0.19	<5	2	20	<20
S411431		<10	0.14	<10	0.04	175	1	0.03	17	80	5	1.31	<5	<1	3	<20
S411432		<10	0.06	<10	0.02	239	1	0.01	4	80	2	0.02	<5	<1	3	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411345		0.02	<10	<10	13	<10	4
S411346		0.19	<10	<10	254	<10	61
S411347		0.34	<10	<10	74	<10	84
S411348		0.51	<10	10	228	<10	50
S411349		0.60	<10	10	208	<10	44
S411350		0.05	<10	<10	19	<10	62
S411378		0.19	<10	<10	114	<10	66
S411379		0.18	<10	<10	53	<10	95
S411380		0.50	<10	<10	142	<10	108
S411381		0.04	<10	<10	22	<10	141
S411382		0.13	<10	<10	72	<10	25
S411383		0.10	<10	<10	56	<10	87
S411384		0.20	<10	<10	91	<10	110
S411385		0.04	<10	<10	23	<10	26
S411386		0.52	<10	<10	259	<10	112
S411387		0.37	<10	<10	218	<10	47
S411388		0.28	<10	10	274	<10	354
S411389		0.67	<10	<10	366	<10	97
S411390		0.35	<10	<10	71	<10	8
S411391		0.13	<10	<10	49	<10	108
S411392		0.02	<10	<10	15	<10	13
S411393		<0.01	<10	<10	3	<10	2
S411394		0.02	<10	<10	6	<10	9
S411395		0.01	<10	<10	5	<10	30
S411396		0.11	<10	<10	4	<10	5
S411397		<0.01	<10	<10	2	<10	5
S411398		0.01	<10	<10	4	<10	11
S411399		0.22	<10	<10	35	<10	40
S411400		0.32	<10	<10	125	30	257
S411422		0.28	<10	<10	97	<10	33
S411423		0.32	<10	<10	103	<10	47
S411424		0.24	<10	<10	50	<10	87
S411425		0.19	<10	<10	46	<10	66
S411426		0.34	<10	<10	245	<10	54
S411427		0.25	<10	<10	274	<10	102
S411428		0.03	<10	<10	13	<10	22
S411429		0.15	<10	<10	35	<10	68
S411430		0.04	<10	<10	29	<10	30
S411431		0.01	<10	<10	5	<10	6
S411432		<0.01	<10	<10	3	<10	21

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17217909

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S411433		0.75	<0.005		<0.5	0.19	<5	10	<0.5	<2	0.55	0.5	3	19	11	1.16
S411434		0.58	<0.005		<0.5	0.48	<5	10	<0.5	<2	0.05	<0.5	3	36	40	3.04
S411435		0.70	<0.005		<0.5	0.50	<5	10	<0.5	<2	2.48	<0.5	4	28	24	2.80
S411436		0.40	0.006		<0.5	0.14	<5	20	<0.5	<2	1.36	<0.5	3	26	38	4.18
S411437		0.55	<0.005		<0.5	3.07	<5	10	<0.5	<2	1.25	<0.5	7	34	20	10.45
S411438		0.59	<0.005		<0.5	2.22	<5	20	0.6	<2	5.14	<0.5	12	24	149	15.85
S411439		0.41	<0.005		<0.5	3.99	<5	70	<0.5	<2	0.35	<0.5	9	33	118	15.70
S411440		0.11	4.07	3.95	0.6	6.96	34	590	0.8	<2	2.48	0.6	17	61	144	5.20
S411441		0.69	<0.005		<0.5	2.75	<5	60	2.6	<2	3.25	0.8	11	21	349	25.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 27- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO17217909

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S411433		<10	0.05	<10	0.09	390	<1	0.01	1	290	<2	0.13	<5	<1	4	<20
S411434		<10	0.03	<10	0.16	219	<1	0.01	3	180	2	0.38	<5	<1	4	<20
S411435		<10	0.07	10	0.20	602	<1	0.19	8	190	3	1.07	<5	1	28	<20
S411436		<10	0.06	10	0.22	826	1	0.03	7	970	4	0.50	<5	1	23	<20
S411437		10	0.03	10	1.65	2450	1	0.01	12	220	5	0.58	<5	4	14	<20
S411438		<10	0.09	20	2.46	7770	1	0.01	17	2710	10	1.78	<5	4	110	<20
S411439		10	0.29	10	2.40	2070	<1	0.03	28	190	4	0.57	<5	4	3	<20
S411440		10	1.08	10	1.52	848	7	2.18	41	760	47	0.14	7	16	262	<20
S411441		<10	0.44	<10	3.71	5080	<1	0.38	9	300	6	1.07	<5	5	5	<20

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CERTIFICAT D'ANALYSE VO17217909

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S411433		0.01	<10	<10	3	<10	113
S411434		0.01	<10	<10	7	<10	17
S411435		0.02	10	<10	4	<10	38
S411436		0.06	<10	<10	8	<10	9
S411437		0.09	<10	<10	62	<10	147
S411438		0.10	<10	<10	40	<10	133
S411439		0.11	<10	<10	37	<10	98
S411440		0.37	<10	<10	141	40	281
S411441		0.08	<10	<10	60	<10	137

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CERTIFICAT D'ANALYSE VO17217909

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	BAG- 01	CRU- 32	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- AA23	Au- GRA21	ME- ICP61

Certificate of Analysis

Work Order : DU37391

[Report File No.: 0000020941]

To: **FRANCISCO BORREGO**
ALS CHEMEX DE MEXICO SA DE CV
IGNACIO SALAZAR # 688
COL. LOS VIÑEDOS
HERMOSILLO SONORA 83127
MEXICO

Date: Nov 25, 2017

P.O. No.	:	-
Project No.	:	WILLBOB PROJECT
No. Of Samples	:	50
Date Submitted	:	Nov 10, 2017
Report Comprises	:	Pages 1 to 11 (Inclusive of Cover Sheet)

Certified By : Maria de la Paz Perez F.
Maria de la Paz Perez
Data Quality Control Analyst

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element	Au@	Ag@	Al@	As@	Ba@	Be@	Bi@	Ca@
Method	GE_FAA313	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.005	2	0.01	3	1	0.5	5	0.01
Units	g/t	ppm	%	ppm	ppm	ppm	ppm	%
S408784	0.141	5	0.23	4033	7	<0.5	30	0.04
S408785	0.075	4	0.06	2092	<1	<0.5	107	0.02
S408786	0.281	6	0.34	>10000	4	<0.5	85	0.04
S408787	0.293	6	0.28	>10000	5	<0.5	78	0.04
S408788	0.038	4	0.07	573	3	<0.5	41	0.02
S408789	0.406	11	0.04	942	2	<0.5	<5	0.01
S408790	0.176	3	3.42	<3	30	<0.5	<5	0.36
S408791	1.602	70	0.07	551	4	<0.5	<5	<0.01
S408792	0.019	<2	2.59	154	102	1.2	<5	0.15
S408793	<0.005	<2	7.35	<3	51	<0.5	<5	1.14
S408794	<0.005	<2	5.70	80	198	1.4	<5	0.54
S408795	<0.005	<2	2.20	13	12	<0.5	<5	0.16
S408796	<0.005	<2	2.18	<3	5	<0.5	<5	0.21
S408797	0.035	<2	0.10	<3	3	<0.5	<5	0.04
S408798	0.364	<2	3.15	<3	10	<0.5	<5	3.18
S408799	2.349	<2	0.09	4491	2	<0.5	<5	0.08
S408800	4.120	<2	6.83	27	564	0.8	<5	2.30
S408801	0.005	<2	5.79	11	93	0.8	<5	1.60
S408802	<0.005	<2	6.48	<3	27	<0.5	<5	7.84
S408803	0.006	<2	0.29	20	35	<0.5	<5	0.87
S408804	0.005	<2	0.12	6	9	<0.5	<5	0.08
S408805	<0.005	<2	2.17	<3	161	0.8	<5	0.17
S408806	<0.005	<2	4.69	<3	64	1.1	<5	0.10
S408807	<0.005	<2	3.90	<3	13	0.9	<5	2.22
S408808	<0.005	<2	0.09	<3	6	<0.5	5	0.44
S408809	<0.005	<2	2.91	<3	48	1.6	<5	0.21
S408810	<0.005	<2	0.61	<3	142	<0.5	<5	0.13
S408811	<0.005	<2	0.28	<3	18	<0.5	<5	0.24
S408812	<0.005	<2	1.76	<3	286	0.9	<5	0.83
S408813	<0.005	<2	1.64	<3	160	1.1	<5	1.53
S408814	0.054	<2	0.56	<3	23	<0.5	<5	0.46
S408815	0.011	<2	<0.01	<3	<1	<0.5	<5	<0.01
S408816	0.005	<2	2.21	<3	183	1.1	<5	0.14
S408817	0.006	<2	0.16	<3	6	<0.5	<5	0.03
S408818	0.080	4	5.59	<3	30	<0.5	<5	3.34
S408819	0.009	<2	7.28	<3	181	0.6	<5	3.59
S408820	4.028	3	6.63	30	563	0.9	<5	2.27
S408821	0.006	4	6.93	12	23	<0.5	<5	5.52

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Final : DU37391 Order:

Report File No.: 0000020941

Element	Au@	Ag@	Al@	As@	Ba@	Be@	Bi@	Ca@
Method	GE_FAA313	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.005	2	0.01	3	1	0.5	5	0.01
Units	g/t	ppm	%	ppm	ppm	ppm	ppm	%
S408822	<0.005	3	0.97	5	3	<0.5	<5	0.33
S408823	<0.005	2	1.39	7	227	<0.5	<5	0.85
S408824	0.007	3	2.18	<3	144	0.6	<5	0.28
S408825	0.011	3	0.05	3	3	<0.5	<5	0.01
S408826	0.049	5	0.10	<3	3	<0.5	6	0.03
S408827	<0.005	6	0.07	12	7	<0.5	<5	0.03
S408828	<0.005	<2	0.05	6	5	<0.5	<5	0.06
S408829	<0.005	2	0.02	8	3	<0.5	<5	0.07
S408830	<0.005	4	0.98	5	7	<0.5	<5	0.81
S408831	<0.005	6	8.70	7	26	0.5	<5	5.21
S408832	0.010	15	4.48	23	125	0.9	<5	0.90
S408833	<0.005	8	4.89	14	162	0.7	<5	0.82

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Element	Cd@	Co@	Cr@	Cu@	Fe@	K@	La@	Li@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	1	1	1	0.5	0.01	0.01	0.5	1
Units	ppm	ppm	ppm	ppm	%	%	ppm	ppm
S408784	<1	411	3	7386	>15.0	0.03	19.3	2
S408785	<1	288	2	4320	>15.0	<0.01	8.5	<1
S408786	<1	320	4	3725	>15.0	0.05	32.7	3
S408787	<1	388	6	3708	>15.0	0.04	25.0	3
S408788	<1	221	2	7880	>15.0	<0.01	<0.5	1
S408789	3	167	8	>10000	>15.0	<0.01	6.2	<1
S408790	<1	1409	69	2070	>15.0	0.19	17.4	7
S408791	7	6	6	>10000	>15.0	0.02	<0.5	<1
S408792	2	50	59	507	>15.0	1.04	2.7	16
S408793	<1	22	205	135	11.9	0.11	5.8	40
S408794	<1	12	23	202	>15.0	2.49	45.9	26
S408795	<1	4	18	23.2	2.94	0.03	4.2	6
S408796	<1	1	16	26.3	1.47	0.01	3.3	2
S408797	<1	1	23	31.0	1.19	<0.01	0.5	<1
S408798	<1	9	17	14.6	6.88	0.03	<0.5	19
S408799	<1	3	21	12.3	1.03	<0.01	<0.5	<1
S408800	<1	16	59	154	5.15	1.12	11.2	20
S408801	6	8	15	68.1	5.54	0.29	15.3	13
S408802	<1	32	22	82.6	9.29	0.09	2.8	14
S408803	<1	6	19	96.8	5.40	0.11	1.8	<1
S408804	<1	7	19	62.1	4.35	0.01	0.5	1
S408805	<1	5	20	78.0	>15.0	0.34	20.4	2
S408806	<1	24	45	98.2	>15.0	0.35	34.2	9
S408807	<1	4	45	54.4	14.7	0.05	24.0	5
S408808	<1	<1	23	10.0	1.61	<0.01	24.9	<1
S408809	<1	7	30	128	>15.0	0.39	26.2	10
S408810	<1	3	16	88.4	9.27	0.31	7.9	<1
S408811	<1	<1	22	11.2	1.74	0.09	0.8	<1
S408812	<1	5	28	27.1	14.8	0.86	9.6	3
S408813	<1	4	21	19.4	14.4	0.34	16.0	10
S408814	2	3	21	90.6	12.5	0.07	3.1	2
S408815	4	8	15	23.7	1.42	<0.01	<0.5	<1
S408816	<1	1	31	36.0	>15.0	1.21	12.2	19
S408817	<1	5	33	44.1	4.36	0.02	<0.5	<1
S408818	2	39	11	2540	7.41	0.08	2.0	21
S408819	<1	37	16	876	8.34	1.19	5.8	21
S408820	1	17	58	160	5.08	1.08	11.1	21
S408821	<1	35	228	92.6	5.48	0.07	0.9	39

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Final : DU37391 Order:

Report File No.: 0000020941

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Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	1	1	1	0.5	0.01	0.01	0.5	1
Units	ppm	ppm	ppm	ppm	%	%	ppm	ppm
S408822	<1	5	18	232	1.40	0.01	<0.5	4
S408823	<1	4	29	50.1	1.53	0.52	6.6	5
S408824	<1	<1	32	67.2	>15.0	0.62	9.8	12
S408825	<1	28	13	329	15.0	<0.01	<0.5	<1
S408826	<1	52	15	198	>15.0	<0.01	<0.5	<1
S408827	<1	<1	41	38.3	1.34	0.02	1.3	<1
S408828	<1	1	29	20.0	1.57	0.01	<0.5	<1
S408829	<1	2	29	23.9	1.46	<0.01	<0.5	<1
S408830	<1	5	21	54.7	5.72	0.04	2.1	6
S408831	<1	45	189	92.4	7.31	0.10	7.9	17
S408832	6	15	66	425	>15.0	1.98	22.7	11
S408833	4	12	65	301	>15.0	1.71	9.1	11

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Element	Mg@	Mn@	Mo@	Na@	Ni@	P@	Pb@	Sb@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.01	2	1	0.01	1	0.01	2	5
Units	%	ppm	ppm	%	ppm	%	ppm	ppm
S408784	0.14	118	3	0.02	266	0.03	17	11
S408785	0.08	69	1	0.01	213	<0.01	56	15
S408786	0.26	56	8	0.05	198	<0.01	47	19
S408787	0.25	54	<1	0.04	214	<0.01	37	18
S408788	0.02	67	<1	0.02	215	<0.01	42	11
S408789	0.01	108	<1	0.02	156	<0.01	46	<5
S408790	1.52	352	18	1.75	99	0.06	12	<5
S408791	0.02	78	<1	0.02	6	0.03	60	<5
S408792	1.17	793	30	0.06	256	0.08	25	5
S408793	6.31	1264	<1	0.61	51	0.07	4	<5
S408794	1.54	680	27	0.51	154	0.04	19	<5
S408795	0.37	372	2	1.23	2	0.04	3	<5
S408796	0.14	176	<1	1.62	2	0.04	10	<5
S408797	0.03	101	<1	0.04	3	<0.01	12	<5
S408798	1.76	1112	<1	0.28	20	0.01	10	<5
S408799	0.02	79	<1	0.04	2	<0.01	5	<5
S408800	1.47	842	8	2.19	40	0.08	41	5
S408801	1.02	898	<1	2.76	5	0.10	6	<5
S408802	1.27	1200	<1	0.20	27	0.07	<2	<5
S408803	0.27	1139	2	0.03	7	<0.01	13	<5
S408804	0.07	665	<1	0.02	13	0.03	14	<5
S408805	1.41	2173	1	0.02	19	0.04	7	<5
S408806	2.16	1530	<1	0.01	32	0.04	27	<5
S408807	2.23	1990	<1	0.02	31	0.03	4	<5
S408808	0.07	505	<1	0.02	1	0.08	258	<5
S408809	1.77	1361	<1	0.01	27	<0.01	10	<5
S408810	0.47	2052	2	0.02	8	0.05	7	<5
S408811	0.10	455	<1	0.13	2	0.07	4	<5
S408812	1.81	2322	<1	0.05	13	0.05	5	<5
S408813	3.30	3321	<1	0.69	14	0.27	6	<5
S408814	0.97	2218	5	0.35	20	0.14	6	<5
S408815	0.01	72	<1	0.01	12	<0.01	4	<5
S408816	2.17	2732	3	0.25	13	0.06	5	<5
S408817	0.09	358	3	0.08	18	0.02	4	<5
S408818	4.73	1010	<1	0.49	38	<0.01	5	<5
S408819	3.12	926	7	1.79	28	0.07	12	<5
S408820	1.43	841	13	2.13	42	0.11	42	8
S408821	6.12	1122	<1	1.37	114	<0.01	8	<5

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Element	Mg@	Mn@	Mo@	Na@	Ni@	P@	Pb@	Sb@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.01	2	1	0.01	1	0.01	2	5
Units	%	ppm	ppm	%	ppm	%	ppm	ppm
S408822	0.69	177	3	0.20	9	<0.01	4	<5
S408823	0.51	843	2	0.19	7	0.02	8	<5
S408824	2.47	2851	3	0.04	12	0.22	8	5
S408825	0.04	180	<1	0.02	73	0.03	9	<5
S408826	0.21	405	<1	0.05	142	<0.01	10	7
S408827	0.01	77	<1	0.04	2	0.01	9	8
S408828	0.02	104	4	0.02	5	0.02	7	<5
S408829	0.03	132	<1	0.02	6	0.03	7	<5
S408830	0.46	1347	1	0.01	18	0.06	8	5
S408831	4.10	1237	<1	2.65	124	0.09	11	7
S408832	0.96	238	9	0.47	266	0.02	51	25
S408833	1.02	179	17	0.88	219	<0.01	26	12

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Element	Sc@	Sn@	Sr@	Ti@	V@	W@	Y@	Zn@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.5	10	0.5	0.01	2	10	0.5	5
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
S408784	<0.5	10	1.4	0.01	<2	26	3.1	152
S408785	<0.5	<10	0.9	<0.01	<2	32	1.0	89
S408786	2.2	19	3.4	0.02	<2	34	4.3	75
S408787	1.4	17	2.5	0.01	<2	33	3.5	72
S408788	<0.5	11	1.3	<0.01	<2	37	<0.5	125
S408789	0.6	67	0.9	<0.01	<2	23	<0.5	1174
S408790	13.4	<10	31.2	0.29	118	22	11.7	47
S408791	1.1	13	0.9	<0.01	<2	28	<0.5	2062
S408792	7.7	<10	7.9	0.12	315	17	12.7	749
S408793	41.6	<10	18.5	0.65	351	10	16.9	103
S408794	12.3	<10	23.6	0.58	218	17	23.6	69
S408795	4.6	<10	9.1	0.09	<2	<10	30.0	27
S408796	3.1	<10	10.8	0.15	10	<10	13.0	35
S408797	0.5	<10	4.3	<0.01	<2	<10	0.7	17
S408798	14.4	<10	28.7	0.07	222	<10	4.6	116
S408799	0.6	<10	1.1	0.07	<2	<10	2.3	10
S408800	15.2	<10	267	0.33	132	38	15.2	276
S408801	15.4	<10	47.8	0.28	<2	<10	52.7	1715
S408802	27.6	<10	1432	0.56	643	<10	11.5	63
S408803	<0.5	<10	61.9	<0.01	<2	<10	4.0	35
S408804	<0.5	<10	12.1	<0.01	<2	<10	2.0	9
S408805	4.0	<10	43.0	0.08	8	11	5.5	36
S408806	7.0	<10	8.1	0.18	27	23	6.2	228
S408807	5.1	<10	101	0.17	29	13	8.3	84
S408808	<0.5	<10	24.3	<0.01	<2	<10	3.1	21
S408809	4.7	<10	18.5	0.11	22	13	6.0	68
S408810	0.7	<10	22.0	0.02	<2	<10	2.9	18
S408811	<0.5	<10	25.0	<0.01	<2	<10	1.9	16
S408812	2.6	<10	61.9	0.06	12	12	6.5	33
S408813	1.8	<10	54.0	0.06	10	12	16.0	46
S408814	1.2	<10	41.2	0.01	<2	<10	6.8	500
S408815	<0.5	<10	0.7	<0.01	<2	<10	<0.5	687
S408816	3.2	<10	21.4	0.08	14	17	5.9	112
S408817	<0.5	<10	7.4	<0.01	<2	<10	<0.5	13
S408818	36.5	<10	45.7	0.73	357	<10	16.1	77
S408819	39.9	<10	99.5	0.56	237	<10	13.2	66
S408820	15.6	<10	261	0.33	129	38	15.7	310
S408821	37.6	<10	85.8	0.19	169	<10	8.3	121

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Element	Sc@	Sn@	Sr@	Ti@	V@	W@	Y@	Zn@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.5	10	0.5	0.01	2	10	0.5	5
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
S408822	4.3	<10	8.2	0.08	29	<10	2.3	53
S408823	2.3	<10	20.1	0.04	16	<10	3.7	57
S408824	3.2	<10	19.5	0.08	39	20	7.8	150
S408825	<0.5	<10	1.4	<0.01	<2	11	<0.5	47
S408826	<0.5	<10	3.6	<0.01	<2	20	<0.5	77
S408827	<0.5	<10	2.4	<0.01	<2	<10	<0.5	111
S408828	<0.5	<10	1.7	<0.01	<2	<10	<0.5	7
S408829	<0.5	<10	1.8	<0.01	<2	<10	<0.5	41
S408830	1.5	<10	3.4	0.01	12	<10	3.5	122
S408831	28.4	<10	251	0.59	209	<10	16.4	216
S408832	7.2	<10	26.2	0.23	189	27	9.5	1427
S408833	8.5	<10	33.9	0.21	193	18	10.5	1132

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Final : DU37391 Order:

Report File No.: 0000020941

Element	Zr@	As@	Cu@	Fe@	Fed
Method	GE_ICP40B	GO_ICP90Q	GO_ICP90Q	GO_ICP90Q	GO_CON08V
Det.Lim.	0.5	0.01	0.01	0.05	10
Units	ppm	%	%	%	%
S408784	8.2	N.A.	N.A.	>30.0	38.11
S408785	1.9	N.A.	N.A.	>30.0	42.46
S408786	15.5	1.21	N.A.	>30.0	45.98
S408787	11.3	1.17	N.A.	>30.0	45.02
S408788	2.0	N.A.	N.A.	>30.0	47.09
S408789	1.1	N.A.	8.22	25.1	N.A.
S408790	58.3	N.A.	N.A.	28.7	N.A.
S408791	2.2	N.A.	18.0	22.3	N.A.
S408792	98.5	N.A.	N.A.	22.7	N.A.
S408793	32.8	N.A.	N.A.	N.A.	N.A.
S408794	180	N.A.	N.A.	21.5	N.A.
S408795	37.0	N.A.	N.A.	N.A.	N.A.
S408796	31.5	N.A.	N.A.	N.A.	N.A.
S408797	0.9	N.A.	N.A.	N.A.	N.A.
S408798	5.2	N.A.	N.A.	N.A.	N.A.
S408799	6.3	N.A.	N.A.	N.A.	N.A.
S408800	43.0	N.A.	N.A.	N.A.	N.A.
S408801	189	N.A.	N.A.	N.A.	N.A.
S408802	22.2	N.A.	N.A.	N.A.	N.A.
S408803	2.2	N.A.	N.A.	N.A.	N.A.
S408804	1.5	N.A.	N.A.	N.A.	N.A.
S408805	38.5	N.A.	N.A.	17.2	N.A.
S408806	75.9	N.A.	N.A.	27.9	N.A.
S408807	66.4	N.A.	N.A.	N.A.	N.A.
S408808	1.4	N.A.	N.A.	N.A.	N.A.
S408809	36.8	N.A.	N.A.	16.6	N.A.
S408810	6.9	N.A.	N.A.	N.A.	N.A.
S408811	1.1	N.A.	N.A.	N.A.	N.A.
S408812	22.2	N.A.	N.A.	N.A.	N.A.
S408813	27.6	N.A.	N.A.	N.A.	N.A.
S408814	8.2	N.A.	N.A.	N.A.	N.A.
S408815	<0.5	N.A.	N.A.	N.A.	N.A.
S408816	26.3	N.A.	N.A.	23.8	N.A.
S408817	1.8	N.A.	N.A.	N.A.	N.A.
S408818	21.6	N.A.	N.A.	N.A.	N.A.
S408819	57.6	N.A.	N.A.	N.A.	N.A.
S408820	48.4	N.A.	N.A.	N.A.	N.A.
S408821	8.5	N.A.	N.A.	N.A.	N.A.

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Final : DU37391 Order:

Report File No.: 0000020941

Element	Zr@	As@	Cu@	Fe@	Fed
Method	GE_ICP40B	GO_ICP90Q	GO_ICP90Q	GO_ICP90Q	GO_CON08V
Det.Lim.	0.5	0.01	0.01	0.05	10
Units	ppm	%	%	%	%
S408822	4.8	N.A.	N.A.	N.A.	N.A.
S408823	21.2	N.A.	N.A.	N.A.	N.A.
S408824	114	N.A.	N.A.	26.6	N.A.
S408825	1.1	N.A.	N.A.	N.A.	N.A.
S408826	1.6	N.A.	N.A.	26.1	N.A.
S408827	5.6	N.A.	N.A.	N.A.	N.A.
S408828	1.4	N.A.	N.A.	N.A.	N.A.
S408829	<0.5	N.A.	N.A.	N.A.	N.A.
S408830	6.1	N.A.	N.A.	N.A.	N.A.
S408831	15.9	N.A.	N.A.	N.A.	N.A.
S408832	80.0	N.A.	N.A.	27.2	N.A.
S408833	103	N.A.	N.A.	19.6	N.A.

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Certificate of Analysis

Work Order : DU37392

[Report File No.: 0000020942]

To: **FRANCISCO BORREGO**
ALS CHEMEX DE MEXICO SA DE CV
IGNACIO SALAZAR # 688
COL. LOS VIÑEDOS
HERMOSILLO SONORA 83127
MEXICO

Date: Nov 25, 2017

P.O. No.	:	-
Project No.	:	WILLBOB PROJECT
No. Of Samples	:	47
Date Submitted	:	Nov 10, 2017
Report Comprises	:	Pages 1 to 11 (Inclusive of Cover Sheet)

Certified By : Maria de la Paz Perez F.
Maria de la Paz Perez
Data Quality Control Analyst

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : DU37392 Order:

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Element	Au@	Au@	Ag@	Al@	As@	Ba@	Be@	Bi@
Method	GE_FAA313	GO_FAG303	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.005	0.5	2	0.01	3	1	0.5	5
Units	g/t	g/t	ppm	%	ppm	ppm	ppm	ppm
S408834	0.011	N.A.	2	3.27	14	92	0.6	<5
S408835	0.024	N.A.	<2	0.14	<3	12	<0.5	<5
S408836	0.093	N.A.	<2	0.65	<3	19	<0.5	<5
S408837	0.005	N.A.	<2	0.83	<3	33	<0.5	<5
S408838	0.006	N.A.	<2	0.44	<3	44	<0.5	<5
S408839	0.009	N.A.	<2	0.24	<3	18	<0.5	<5
S408840	<0.005	N.A.	<2	7.86	<3	1197	1.2	<5
S408841	0.028	N.A.	<2	6.63	4	198	2.6	<5
S408842	0.049	N.A.	<2	2.42	15	170	4.0	<5
S408843	0.022	N.A.	<2	4.04	40	167	2.1	<5
S408844	0.020	N.A.	2	4.05	80	116	2.5	<5
S408845	0.014	N.A.	<2	4.90	97	303	2.5	<5
S408846	0.009	N.A.	<2	4.07	15	276	2.5	<5
S408847	0.015	N.A.	2	3.89	70	137	2.4	<5
S408848	0.005	N.A.	<2	6.26	12	63	1.3	<5
S408849	<0.005	N.A.	<2	4.56	<3	31	1.0	<5
S408850	<0.005	N.A.	<2	5.51	<3	217	1.5	<5
S408851	0.010	N.A.	2	3.47	72	75	0.7	<5
S408852	<0.005	N.A.	<2	2.17	<3	89	<0.5	<5
S408853	<0.005	N.A.	<2	0.50	<3	21	<0.5	<5
S408854	<0.005	N.A.	<2	0.77	<3	4	<0.5	<5
S408855	0.019	N.A.	<2	5.21	12	114	0.9	<5
S408856	0.010	N.A.	<2	9.34	27	360	0.9	<5
S408857	0.018	N.A.	<2	5.69	10	151	1.2	<5
S408858	0.008	N.A.	<2	0.96	<3	17	<0.5	<5
S408859	0.013	N.A.	<2	5.46	<3	59	1.1	<5
S408860	<0.005	N.A.	<2	6.80	<3	1117	1.4	<5
S408866	0.011	N.A.	<2	4.53	11	92	0.8	<5
S408867	>10.000	24.80	<2	4.39	<3	77	0.7	<5
S408868	6.548	N.A.	<2	4.70	6	90	0.7	<5
S408869	0.240	N.A.	<2	5.67	9	172	1.1	<5
S408870	1.943	N.A.	<2	5.48	73	126	1.0	<5
S408876	<0.005	N.A.	<2	6.50	<3	65	1.0	<5
S408877	1.811	N.A.	<2	5.47	356	105	1.1	<5
S408878	<0.005	N.A.	<2	5.87	24	132	1.4	<5
S408879	>10.000	40.13	<2	5.40	81	118	1.2	<5
S408880	4.152	N.A.	<2	6.74	26	568	0.8	<5
S408881	1.564	N.A.	<2	5.42	9	106	1.2	<5

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Final : DU37392 Order:

Report File No.: 0000020942

Element	Au@	Au@	Ag@	Al@	As@	Ba@	Be@	Bi@
Method	GE_FAA313	GO_FAG303	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.005	0.5	2	0.01	3	1	0.5	5
Units	g/t	g/t	ppm	%	ppm	ppm	ppm	ppm
S408882	0.006	N.A.	<2	0.23	<3	4	<0.5	<5
S408883	1.152	N.A.	<2	5.76	9163	74	1.1	<5
S408884	<0.005	N.A.	<2	7.91	27	75	1.5	<5
S408885	<0.005	N.A.	<2	8.60	<3	63	1.3	<5
S408886	<0.005	N.A.	<2	8.06	<3	44	1.2	<5
S408887	<0.005	N.A.	<2	2.60	<3	16	<0.5	<5
S408888	0.961	N.A.	<2	4.06	<3	37	0.5	<5
S408889	0.287	N.A.	<2	5.55	60	93	0.8	<5
S408890	>10.000	250.11	54	2.44	44	45	<0.5	<5

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Element	Ca@	Cd@	Co@	Cr@	Cu@	Fe@	K@	La@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.01	1	1	1	0.5	0.01	0.01	0.5
Units	%	ppm	ppm	ppm	ppm	%	%	ppm
S408834	0.54	<1	24	48	320	>15.0	1.56	14.2
S408835	0.20	<1	1	22	36.8	3.10	0.04	1.0
S408836	0.46	<1	4	30	66.2	4.50	0.10	1.9
S408837	0.06	<1	6	27	125	6.97	0.19	5.1
S408838	0.04	<1	11	22	99.8	5.67	0.16	0.8
S408839	0.04	<1	6	19	118	4.46	0.07	1.6
S408840	2.66	<1	20	89	37.4	5.77	1.93	29.2
S408841	0.47	7	35	68	176	8.38	3.10	16.5
S408842	1.26	8	15	37	105	>15.0	1.34	26.5
S408843	0.72	3	53	48	229	>15.0	2.10	23.0
S408844	0.37	4	62	47	388	>15.0	2.18	18.4
S408845	0.91	3	47	62	227	12.7	2.77	25.5
S408846	0.95	2	26	54	195	12.3	2.03	25.4
S408847	0.60	3	54	48	269	>15.0	2.08	22.8
S408848	2.29	<1	5	19	4.9	3.08	0.37	24.7
S408849	0.97	<1	<1	17	2.3	2.08	0.08	24.0
S408850	0.21	<1	2	15	4.6	3.41	0.85	12.5
S408851	0.67	3	49	54	299	>15.0	1.25	18.8
S408852	0.96	<1	15	62	25.2	3.22	0.22	3.1
S408853	0.13	<1	<1	44	6.7	1.17	0.04	1.1
S408854	0.70	<1	9	32	19.9	1.71	<0.01	<0.5
S408855	0.47	4	49	62	303	>15.0	2.15	6.5
S408856	1.11	<1	29	70	61.2	11.0	0.84	8.2
S408857	1.28	<1	2	14	10.6	4.58	0.32	19.4
S408858	0.10	<1	<1	19	2.5	1.07	0.02	1.5
S408859	1.64	<1	4	15	22.2	3.71	0.11	22.1
S408860	2.34	<1	24	115	66.8	6.26	2.05	40.1
S408866	0.75	1	52	48	199	>15.0	1.52	2.7
S408867	0.12	<1	9	16	81.6	5.38	0.14	17.8
S408868	0.05	<1	3	14	32.0	1.84	0.17	18.2
S408869	0.11	<1	6	15	56.0	4.10	0.36	23.0
S408870	0.85	<1	4	10	36.1	4.18	0.25	24.8
S408876	0.59	<1	<1	20	3.2	2.34	0.12	21.7
S408877	0.62	<1	6	16	45.4	4.37	0.21	23.9
S408878	1.02	<1	<1	13	3.1	2.40	0.46	6.0
S408879	0.22	<1	5	14	33.2	4.71	0.48	21.7
S408880	2.33	<1	17	65	149	5.23	1.14	10.3
S408881	0.74	<1	5	13	42.1	4.95	0.22	25.1

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Final : DU37392 Order:

Report File No.: 0000020942

Element	Ca@	Cd@	Co@	Cr@	Cu@	Fe@	K@	La@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.01	1	1	1	0.5	0.01	0.01	0.5
Units	%	ppm	ppm	ppm	ppm	%	%	ppm
S408882	0.08	<1	<1	21	5.1	1.67	<0.01	0.6
S408883	1.54	<1	9	14	20.8	4.44	0.18	22.0
S408884	0.69	<1	<1	12	2.8	1.83	0.17	15.7
S408885	0.30	<1	<1	8	3.8	2.18	0.13	10.7
S408886	0.77	<1	<1	8	2.9	1.66	0.07	10.1
S408887	0.03	<1	<1	17	4.1	1.55	0.03	3.4
S408888	1.81	<1	5	19	20.6	5.06	0.12	8.9
S408889	1.80	<1	9	16	20.5	7.23	0.39	12.3
S408890	1.31	<1	16	17	73.0	6.83	0.10	4.0

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Element	Li@	Mg@	Mn@	Mo@	Na@	Ni@	P@	Pb@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	1	0.01	2	1	0.01	1	0.01	2
Units	ppm	%	ppm	ppm	%	ppm	%	ppm
S408834	7	0.67	126	12	0.55	328	0.03	61
S408835	1	0.18	429	<1	0.02	6	0.12	74
S408836	6	0.48	729	<1	0.02	7	0.02	165
S408837	6	0.84	795	<1	0.02	14	0.02	55
S408838	4	0.33	691	<1	0.06	19	0.05	7
S408839	1	0.30	439	<1	0.06	12	0.01	7
S408840	12	1.83	647	<1	2.43	48	0.20	18
S408841	41	1.43	3315	2	0.89	68	0.10	75
S408842	36	1.37	9678	21	0.02	41	0.31	27
S408843	35	1.45	6207	2	0.34	107	0.17	47
S408844	32	1.12	4579	6	0.25	119	0.09	65
S408845	47	1.63	>10000	4	0.45	68	0.12	69
S408846	37	1.57	7010	<1	0.52	54	0.10	47
S408847	33	1.32	5794	1	0.23	106	0.17	62
S408848	8	0.25	650	<1	4.70	3	0.07	7
S408849	1	0.08	484	<1	3.74	2	0.07	7
S408850	8	0.17	366	<1	3.06	3	0.08	9
S408851	8	0.79	151	7	0.77	315	<0.01	50
S408852	5	1.00	423	<1	0.62	37	0.05	9
S408853	<1	0.03	74	<1	0.24	3	<0.01	8
S408854	7	0.29	191	<1	0.33	17	0.03	5
S408855	13	0.81	135	21	0.61	225	0.03	26
S408856	38	3.76	659	2	2.17	69	0.14	42
S408857	6	0.24	861	<1	3.87	2	0.03	7
S408858	<1	<0.01	202	<1	0.83	2	<0.01	4
S408859	1	0.12	711	<1	4.62	3	0.04	8
S408860	11	2.07	611	<1	1.96	61	0.16	16
S408866	8	0.85	159	12	0.98	267	<0.01	25
S408867	<1	0.02	181	4	3.71	3	0.02	6
S408868	1	0.01	83	<1	3.87	2	<0.01	5
S408869	3	0.03	154	<1	4.46	2	<0.01	7
S408870	4	0.06	522	<1	4.29	4	0.05	7
S408876	<1	0.04	494	<1	5.38	2	0.01	5
S408877	2	0.07	535	<1	4.60	2	0.11	5
S408878	4	0.09	548	<1	4.49	2	<0.01	5
S408879	4	0.05	350	<1	3.99	3	0.06	7
S408880	19	1.46	856	8	2.23	41	<0.01	42
S408881	3	0.08	603	<1	4.18	2	0.02	8

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Element	Li@	Mg@	Mn@	Mo@	Na@	Ni@	P@	Pb@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	1	0.01	2	1	0.01	1	0.01	2
Units	ppm	%	ppm	ppm	%	ppm	%	ppm
S408882	<1	<0.01	356	1	0.19	2	0.05	4
S408883	2	0.17	742	<1	4.84	1	0.09	12
S408884	<1	0.04	441	<1	7.29	2	<0.01	6
S408885	<1	0.03	517	3	7.62	2	<0.01	4
S408886	<1	0.02	506	<1	7.25	<1	0.18	6
S408887	<1	0.01	290	<1	2.20	3	0.02	5
S408888	3	0.14	848	<1	2.67	2	0.05	8
S408889	8	0.28	1083	<1	3.24	3	0.05	6
S408890	2	0.16	850	<1	1.66	4	0.06	685

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Element	Sb@	Sc@	Sn@	Sr@	Ti@	V@	W@	Y@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	5	0.5	10	0.5	0.01	2	10	0.5
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
S408834	<5	4.1	<10	17.5	0.15	92	28	7.9
S408835	<5	<0.5	<10	5.5	<0.01	<2	<10	4.7
S408836	<5	0.7	<10	8.8	0.01	6	<10	3.0
S408837	<5	1.4	<10	2.4	0.02	7	<10	1.5
S408838	<5	0.5	<10	5.3	0.02	3	<10	1.1
S408839	<5	<0.5	<10	4.5	<0.01	<2	<10	0.9
S408840	<5	18.8	<10	487	0.52	139	<10	24.4
S408841	<5	12.2	<10	91.4	0.20	184	<10	19.9
S408842	<5	3.1	<10	26.6	0.10	382	14	33.8
S408843	6	6.8	<10	43.0	0.18	166	15	14.5
S408844	6	7.0	<10	34.1	0.18	163	16	13.9
S408845	13	8.2	<10	46.8	0.21	239	12	18.3
S408846	<5	7.6	<10	70.2	0.19	175	12	17.5
S408847	9	6.9	<10	38.8	0.17	167	14	15.3
S408848	<5	8.7	<10	58.1	0.12	<2	<10	24.1
S408849	<5	5.5	<10	52.7	0.14	<2	<10	15.3
S408850	<5	19.1	<10	30.1	0.22	<2	<10	12.7
S408851	5	5.0	<10	23.7	0.16	115	27	9.3
S408852	<5	7.7	<10	79.3	0.15	58	<10	3.5
S408853	<5	0.6	<10	13.1	<0.01	11	<10	0.7
S408854	<5	2.4	<10	19.5	0.01	15	<10	0.9
S408855	<5	6.6	<10	29.1	0.12	229	13	8.6
S408856	<5	34.9	<10	195	0.80	277	<10	14.5
S408857	<5	13.5	<10	83.0	0.24	<2	<10	22.6
S408858	<5	1.2	<10	19.9	0.02	<2	<10	1.6
S408859	<5	10.1	<10	110	0.24	<2	<10	13.4
S408860	<5	20.3	<10	375	0.56	159	<10	25.4
S408866	<5	6.4	<10	28.1	0.08	190	15	6.0
S408867	<5	3.5	<10	74.1	0.19	<2	<10	11.2
S408868	<5	2.8	<10	78.0	0.21	<2	<10	8.8
S408869	<5	8.2	<10	96.5	0.25	<2	<10	13.8
S408870	<5	7.9	<10	102	0.18	<2	<10	21.9
S408876	<5	4.8	<10	108	0.22	<2	<10	12.7
S408877	<5	8.9	<10	100	0.22	<2	<10	16.7
S408878	<5	14.4	<10	53.0	0.26	<2	<10	9.1
S408879	<5	15.0	<10	89.7	0.23	<2	<10	12.6
S408880	<5	15.4	<10	241	0.34	129	40	15.7
S408881	<5	11.4	<10	128	0.23	<2	<10	20.6

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Final : DU37392 Order:

Report File No.: 0000020942

Element	Sb@	Sc@	Sn@	Sr@	Ti@	V@	W@	Y@
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	5	0.5	10	0.5	0.01	2	10	0.5
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
S408882	<5	1.6	<10	5.1	<0.01	<2	<10	0.7
S408883	<5	9.7	<10	134	0.25	<2	<10	13.0
S408884	<5	4.5	<10	164	0.20	<2	<10	10.2
S408885	<5	5.1	<10	136	0.22	<2	<10	9.0
S408886	<5	3.7	<10	116	0.13	<2	<10	10.6
S408887	<5	2.3	<10	21.9	0.08	<2	<10	8.9
S408888	<5	12.3	<10	60.6	0.25	<2	<10	14.7
S408889	<5	16.8	<10	108	0.38	<2	<10	17.5
S408890	<5	5.5	<10	26.8	0.26	<2	26	11.6

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Element	Zn@	Zr@	Fe@	Mn	Fed
Method	GE_ICP40B	GE_ICP40B	GO_ICP90Q	GO_ICP90Q	GO_CON08V
Det.Lim.	5	0.5	0.05	0.01	10
Units	ppm	ppm	%	%	%
S408834	274	79.3	>30.0	N.A.	35.37
S408835	37	1.9	N.A.	N.A.	N.A.
S408836	45	5.6	N.A.	N.A.	N.A.
S408837	45	10.1	N.A.	N.A.	N.A.
S408838	28	7.5	N.A.	N.A.	N.A.
S408839	28	3.1	N.A.	N.A.	N.A.
S408840	147	120	N.A.	N.A.	N.A.
S408841	933	127	N.A.	N.A.	N.A.
S408842	858	71.5	16.5	N.A.	N.A.
S408843	415	79.9	16.4	N.A.	N.A.
S408844	587	76.7	15.8	N.A.	N.A.
S408845	630	112	N.A.	1.16	N.A.
S408846	450	80.0	N.A.	N.A.	N.A.
S408847	545	78.3	17.2	N.A.	N.A.
S408848	33	334	N.A.	N.A.	N.A.
S408849	18	224	N.A.	N.A.	N.A.
S408850	82	189	N.A.	N.A.	N.A.
S408851	929	77.7	>30.0	N.A.	32.99
S408852	84	7.9	N.A.	N.A.	N.A.
S408853	22	10.4	N.A.	N.A.	N.A.
S408854	28	2.9	N.A.	N.A.	N.A.
S408855	979	120	16.3	N.A.	N.A.
S408856	465	78.3	N.A.	N.A.	N.A.
S408857	53	237	N.A.	N.A.	N.A.
S408858	12	20.8	N.A.	N.A.	N.A.
S408859	32	253	N.A.	N.A.	N.A.
S408860	124	146	N.A.	N.A.	N.A.
S408866	546	118	21.2	N.A.	N.A.
S408867	19	198	N.A.	N.A.	N.A.
S408868	11	205	N.A.	N.A.	N.A.
S408869	24	265	N.A.	N.A.	N.A.
S408870	28	322	N.A.	N.A.	N.A.
S408876	15	216	N.A.	N.A.	N.A.
S408877	20	241	N.A.	N.A.	N.A.
S408878	24	219	N.A.	N.A.	N.A.
S408879	51	256	N.A.	N.A.	N.A.
S408880	260	63.4	N.A.	N.A.	N.A.
S408881	37	220	N.A.	N.A.	N.A.

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Final : DU37392 Order:

Report File No.: 0000020942

Element	Zn@	Zr@	Fe@	Mn	Fed
Method	GE_ICP40B	GE_ICP40B	GO_ICP90Q	GO_ICP90Q	GO_CON08V
Det.Lim.	5	0.5	0.05	0.01	10
Units	ppm	ppm	%	%	%
S408882	9	6.4	N.A.	N.A.	N.A.
S408883	28	234	N.A.	N.A.	N.A.
S408884	9	275	N.A.	N.A.	N.A.
S408885	25	247	N.A.	N.A.	N.A.
S408886	7	160	N.A.	N.A.	N.A.
S408887	6	147	N.A.	N.A.	N.A.
S408888	37	135	N.A.	N.A.	N.A.
S408889	50	128	N.A.	N.A.	N.A.
S408890	25	55.7	N.A.	N.A.	N.A.

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2017 – Soils: Midland

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 3- OCT- 2017
Compte: MIDEXP

CERTIFICAT SD17181977

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 38 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 19- AOUT- 2017.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON SYLVAIN TRÉPANIER	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- MS41L	Super Trace Lowest DL AR by ICP- MS	

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE SD17181977

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- MS41L Au ppm 0.0002	ME- MS41L Ag ppm 0.001	ME- MS41L Al % 0.01	ME- MS41L As ppm 0.01	ME- MS41L B ppm 10	ME- MS41L Ba ppm 0.5	ME- MS41L Be ppm 0.01	ME- MS41L Bi ppm 0.001	ME- MS41L Ca % 0.01	ME- MS41L Cd ppm 0.001	ME- MS41L Ce ppm 0.003	ME- MS41L Co ppm 0.001	ME- MS41L Cr ppm 0.01
S411001		0.40	<0.005	0.0013	0.072	6.19	19.85	<10	37.2	1.69	0.045	0.82	0.913	102.5	53.7	29.4
S411002		0.38	<0.005	0.0013	0.068	4.13	26.0	<10	42.7	1.22	0.064	0.52	0.680	88.3	42.4	30.5
S411003		0.26	<0.005	0.0013	0.088	5.54	24.1	<10	42.7	1.91	0.052	0.66	1.710	124.0	105.5	25.7
S411004		0.32	<0.005	0.0019	0.151	4.11	32.5	<10	44.6	1.08	0.067	0.74	1.385	102.0	45.9	33.6
S411005		0.30	<0.005	0.0022	0.098	7.21	54.2	<10	57.5	3.03	0.042	0.97	3.56	170.5	230	26.6
S411006		0.38	<0.005	0.0013	0.089	4.36	40.9	<10	43.3	1.54	0.051	0.75	1.400	105.0	97.5	30.0
S411007		0.35	<0.005	0.0017	0.088	6.47	53.4	<10	64.9	2.74	0.052	0.99	4.09	157.5	258	27.3
S411008		0.24	<0.005	0.0024	0.094	5.90	48.1	<10	59.2	2.19	0.042	1.04	2.81	136.5	174.0	28.1
S411009		0.23	0.008	0.0020	0.135	5.20	55.9	<10	58.7	1.84	0.067	0.91	2.16	133.5	158.5	34.5
S411010		0.46	<0.005	0.0019	0.082	1.72	36.5	<10	62.5	0.62	0.084	0.47	0.408	73.9	21.1	38.3
S411011		0.48	<0.005	0.0017	0.076	1.89	40.9	<10	37.3	0.49	0.041	0.60	0.316	66.0	20.7	29.4
S411012		0.43	<0.005	0.0018	0.085	2.46	42.5	<10	45.2	0.71	0.047	0.65	1.185	78.3	74.6	28.0
S411013		0.41	<0.005	0.0010	0.074	2.37	31.3	<10	42.4	0.70	0.048	0.67	0.922	72.2	47.4	28.2
S411014		0.68	<0.005	0.0002	0.035	1.23	4.85	<10	48.2	0.40	0.059	0.33	0.139	56.1	12.30	29.4
S411015		0.47	<0.005	0.0011	0.078	3.14	25.3	<10	29.0	0.87	0.045	0.80	0.895	99.2	28.9	37.6
S411016		0.39	<0.005	0.0023	0.140	3.44	42.6	<10	45.2	0.99	0.056	1.15	1.755	92.2	79.6	36.0
S411017		0.33	0.008	0.0069	0.202	2.72	108.0	<10	45.4	0.61	0.217	0.77	2.24	78.5	108.0	40.4
S411018		0.36	<0.005	0.0031	0.122	3.46	49.3	<10	51.7	0.95	0.061	1.00	1.245	97.8	81.9	41.2
S411019		0.46	<0.005	0.0014	0.084	3.36	43.6	<10	45.3	0.96	0.046	0.72	0.974	95.4	59.8	43.1
S411020		0.39	<0.005	0.0036	0.177	3.94	58.1	<10	84.6	1.05	0.052	0.76	1.885	144.0	91.7	43.1
S411021		0.34	<0.005	0.0035	0.103	2.36	78.4	<10	28.7	0.67	0.051	0.80	0.902	72.3	23.4	33.6
S411022		0.32	<0.005	0.0015	0.119	3.44	17.30	<10	8.9	0.51	0.031	0.21	0.487	98.2	14.95	67.8
S411023		0.28	0.129	0.0014	0.096	0.61	8.16	<10	2.5	0.05	0.012	0.05	0.048	26.7	1.770	63.5
S411024		0.25	<0.005	0.0010	0.094	0.83	10.55	<10	2.2	0.06	0.011	0.06	0.064	34.2	2.21	66.9
S411025		0.23	0.020	0.0020	0.161	1.49	12.60	<10	3.7	0.13	0.022	0.07	0.111	58.1	3.26	69.2
S411026		0.27	<0.005	0.0008	0.105	0.98	8.22	<10	2.0	0.05	0.008	0.07	0.330	51.7	4.04	71.1
S411027		0.28	<0.005	0.0010	0.086	0.53	9.48	<10	1.9	0.03	0.016	0.04	0.110	22.2	2.83	65.5
S411028		0.31	<0.005	0.0007	0.083	0.42	6.78	<10	1.5	0.02	0.010	0.03	0.042	18.45	1.140	65.6
S411029		0.34	0.005	0.0014	0.140	1.60	8.62	<10	2.4	0.16	0.017	0.05	0.218	60.3	3.73	83.4
S411030		0.42	<0.005	0.0013	0.184	2.76	24.6	<10	11.0	0.40	0.045	0.08	0.858	134.0	95.2	85.9
S411031		0.29	<0.005	0.0014	0.086	0.61	6.90	<10	1.5	0.03	0.010	0.04	0.087	24.4	1.890	83.4
S411032		0.30	<0.005	0.0009	0.090	0.42	6.39	<10	0.9	0.01	0.010	0.03	0.065	14.75	1.165	72.1
S411033		0.32	<0.005	0.0006	0.081	0.73	7.18	<10	1.4	0.05	0.009	0.04	0.064	33.8	1.585	71.5
S411034		0.35	<0.005	0.0009	0.082	1.06	8.07	<10	1.6	0.06	0.010	0.04	0.059	41.3	1.640	69.7
S411035		0.29	<0.005	0.0012	0.098	0.62	7.76	<10	1.5	0.02	0.009	0.04	0.045	27.3	1.425	83.5
S411036		0.32	<0.005	0.0023	0.110	1.08	9.44	<10	2.6	0.07	0.014	0.07	0.152	67.6	3.85	94.4
S411037		0.21	0.019	0.0024	0.157	1.98	12.30	<10	7.3	0.16	0.032	0.09	0.312	116.5	40.2	105.5
S411038		0.30	<0.005	0.0025	0.101	1.19	10.85	<10	3.2	0.11	0.019	0.07	0.377	57.0	9.48	100.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 3- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17181977

Description échantillon	Méthode élément unités L.D.	ME- MS41L Cs ppm 0.005	ME- MS41L Cu ppm 0.01	ME- MS41L Fe % 0.001	ME- MS41L Ga ppm 0.004	ME- MS41L Ge ppm 0.005	ME- MS41L Hf ppm 0.002	ME- MS41L Hg ppm 0.004	ME- MS41L In ppm 0.005	ME- MS41L K % 0.01	ME- MS41L La ppm 0.002	ME- MS41L Li ppm 0.1	ME- MS41L Mg % 0.01	ME- MS41L Mn ppm 0.1	ME- MS41L Mo ppm 0.01	ME- MS41L Na % 0.001
S411001		1.205	224	2.46	3.00	0.143	0.129	0.120	0.049	0.04	69.3	8.2	0.31	799	0.72	0.010
S411002		1.925	149.5	2.23	4.21	0.137	0.162	0.085	0.038	0.07	48.1	14.6	0.41	313	1.29	0.012
S411003		1.610	277	1.750	3.39	0.161	0.119	0.141	0.040	0.04	85.6	11.1	0.25	1155	0.76	0.011
S411004		1.825	278	3.03	3.90	0.163	0.077	0.101	0.069	0.05	63.8	12.2	0.29	694	0.85	0.012
S411005		1.205	359	2.34	3.20	0.194	0.112	0.164	0.038	0.04	121.0	9.9	0.22	3250	0.59	0.014
S411006		1.645	236	2.48	3.43	0.151	0.095	0.096	0.033	0.05	71.3	11.3	0.33	1110	0.69	0.012
S411007		1.425	357	2.33	3.60	0.179	0.102	0.107	0.042	0.04	107.5	13.5	0.23	3480	0.68	0.013
S411008		1.535	318	2.39	3.53	0.177	0.120	0.136	0.035	0.04	98.3	11.8	0.27	2310	0.66	0.013
S411009		1.880	317	2.59	4.18	0.199	0.095	0.127	0.050	0.07	83.2	13.1	0.31	1025	0.76	0.016
S411010		1.665	159.5	3.18	5.75	0.132	0.092	0.079	0.021	0.12	43.8	19.2	0.59	470	0.61	0.018
S411011		1.270	222	2.47	4.09	0.122	0.057	0.095	0.026	0.10	38.9	11.6	0.38	238	0.67	0.017
S411012		1.340	220	2.38	3.42	0.142	0.055	0.082	0.030	0.08	44.7	12.1	0.32	1120	0.58	0.013
S411013		1.330	199.0	2.27	3.75	0.132	0.063	0.085	0.037	0.08	43.2	13.2	0.35	611	0.55	0.014
S411014		0.757	55.3	2.20	4.20	0.093	0.124	0.025	0.023	0.07	25.7	12.2	0.42	212	0.37	0.013
S411015		1.530	269	2.46	4.45	0.138	0.055	0.066	0.063	0.06	52.3	13.1	0.43	155.5	1.01	0.015
S411016		1.730	300	3.39	3.72	0.152	0.056	0.135	0.054	0.06	57.0	11.7	0.34	1100	0.89	0.019
S411017		1.090	346	15.80	3.95	0.228	0.067	0.157	0.067	0.05	46.4	5.2	0.33	1380	7.48	0.010
S411018		2.96	270	3.73	4.45	0.145	0.051	0.129	0.053	0.07	58.1	15.5	0.42	1365	1.22	0.017
S411019		1.925	174.5	2.66	4.58	0.143	0.063	0.089	0.039	0.06	47.6	15.4	0.54	224	0.90	0.014
S411020		2.11	342	3.76	4.75	0.245	0.096	0.151	0.067	0.07	87.7	14.2	0.35	463	2.13	0.016
S411021		0.650	213	1.980	3.56	0.129	0.091	0.088	0.039	0.05	45.0	8.2	0.28	116.0	1.50	0.013
S411022		0.415	308	21.4	6.00	0.290	0.085	0.120	0.193	0.02	47.7	3.2	0.09	141.5	1.94	0.007
S411023		0.170	192.0	34.3	4.87	0.306	0.041	0.059	0.217	0.01	9.32	1.1	0.03	29.5	0.80	0.008
S411024		0.152	141.5	33.0	4.72	0.311	0.071	0.102	0.203	0.01	13.50	0.9	0.03	33.2	0.96	0.006
S411025		0.302	201	28.0	5.63	0.314	0.088	0.105	0.201	0.02	22.7	1.5	0.05	55.1	1.57	0.006
S411026		0.076	122.5	32.6	4.18	0.309	0.096	0.080	0.215	0.02	21.6	0.3	0.02	23.2	0.65	0.007
S411027		0.145	115.0	35.6	6.29	0.289	0.044	0.062	0.213	0.01	8.10	0.7	0.03	48.8	0.79	0.006
S411028		0.094	99.1	38.1	6.94	0.214	0.039	0.040	0.269	0.01	7.03	0.4	0.02	15.0	1.66	0.005
S411029		0.144	163.5	32.9	6.21	0.292	0.100	0.078	0.381	0.01	24.7	0.7	0.03	45.3	3.45	0.005
S411030		0.532	355	23.3	6.41	0.366	0.080	0.114	0.404	0.03	45.1	3.7	0.11	1245	3.42	0.007
S411031		0.093	110.5	36.6	7.23	0.246	0.074	0.054	0.353	0.01	8.90	0.5	0.02	36.0	2.25	0.005
S411032		0.049	88.5	37.2	7.24	0.240	0.063	0.044	0.300	0.01	5.73	0.3	0.01	16.3	1.52	0.004
S411033		0.062	112.0	35.3	6.85	0.257	0.076	0.053	0.284	0.01	13.65	0.4	0.02	20.1	1.92	0.006
S411034		0.078	122.0	34.4	7.13	0.263	0.083	0.049	0.339	0.01	17.10	0.4	0.02	24.4	2.07	0.005
S411035		0.079	107.5	36.8	7.59	0.274	0.070	0.050	0.352	0.01	10.10	0.5	0.02	21.1	1.77	0.005
S411036		0.160	131.5	31.2	5.83	0.312	0.097	0.100	0.390	0.02	28.3	1.1	0.05	47.2	1.76	0.007
S411037		0.354	206	27.0	6.33	0.347	0.154	0.112	0.478	0.05	48.0	2.6	0.07	432	2.16	0.008
S411038		0.171	129.5	29.3	6.11	0.291	0.110	0.105	0.426	0.02	21.3	1.8	0.06	110.0	1.66	0.006

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CERTIFICAT D'ANALYSE SD17181977

Description échantillon	Méthode élément unités L.D.	ME- MS41L Nb ppm 0.002	ME- MS41L Ni ppm 0.04	ME- MS41L P % 0.001	ME- MS41L Pb ppm 0.005	ME- MS41L Pd ppm 0.001	ME- MS41L Pt ppm 0.002	ME- MS41L Rb ppm 0.005	ME- MS41L Re ppm 0.001	ME- MS41L S % 0.01	ME- MS41L Sb ppm 0.005	ME- MS41L Sc ppm 0.005	ME- MS41L Se ppm 0.1	ME- MS41L Sn ppm 0.01	ME- MS41L Sr ppm 0.01	ME- MS41L Ta ppm 0.005
S411001		1.120	51.7	0.065	6.21	0.007	<0.002	5.16	0.003	0.13	0.200	5.17	1.6	0.18	12.15	0.014
S411002		1.785	56.4	0.074	6.12	0.003	<0.002	8.96	0.004	0.13	0.213	5.30	1.4	0.31	9.17	0.013
S411003		1.165	96.2	0.079	5.29	0.007	0.003	6.06	0.007	0.16	0.205	5.67	1.7	0.24	9.76	0.014
S411004		1.390	118.5	0.084	6.67	0.006	0.002	7.30	0.006	0.10	0.215	6.42	2.2	0.30	11.40	0.011
S411005		0.959	142.5	0.068	4.93	0.010	0.002	4.83	0.005	0.16	0.153	6.71	2.5	0.19	16.10	0.008
S411006		1.200	106.0	0.079	4.71	0.005	<0.002	6.35	0.005	0.11	0.173	5.56	1.5	0.24	12.65	0.008
S411007		1.065	241	0.073	5.78	0.007	<0.002	5.52	0.020	0.14	0.169	7.57	2.4	0.27	16.25	0.011
S411008		1.130	175.5	0.077	5.20	0.004	0.002	5.74	0.008	0.14	0.157	6.67	1.8	0.19	16.10	0.010
S411009		1.490	155.5	0.088	6.87	0.010	0.003	9.48	0.012	0.14	0.231	7.04	3.0	0.33	15.20	0.010
S411010		2.37	46.4	0.072	8.32	0.006	0.002	16.85	0.001	0.04	0.252	5.64	1.0	0.50	11.95	<0.005
S411011		1.730	41.4	0.066	4.82	0.010	0.002	10.55	0.003	0.08	0.221	6.13	1.1	0.34	10.65	0.006
S411012		1.535	93.8	0.073	5.19	0.009	0.002	8.61	0.004	0.06	0.179	5.14	1.1	0.31	10.50	0.007
S411013		1.535	72.3	0.074	4.94	0.006	<0.002	9.24	0.004	0.09	0.191	5.33	1.1	0.32	10.75	0.006
S411014		1.865	21.3	0.038	5.60	0.002	<0.002	7.77	<0.001	0.01	0.189	4.31	0.2	0.42	8.42	<0.005
S411015		1.490	67.7	0.065	5.71	0.006	0.002	6.79	0.004	0.23	0.289	6.18	1.8	0.29	10.45	0.007
S411016		1.335	142.5	0.078	7.05	0.013	0.004	7.19	0.009	0.15	0.311	7.36	2.5	0.27	14.30	0.007
S411017		7.47	121.5	0.056	12.35	0.011	0.003	4.45	0.007	0.23	4.11	8.24	6.2	0.59	11.30	0.091
S411018		1.675	99.2	0.078	6.45	0.014	<0.002	8.38	0.005	0.10	0.371	7.24	2.5	0.30	13.40	0.007
S411019		1.420	67.1	0.074	5.06	0.007	0.003	7.78	0.005	0.27	0.231	6.25	1.6	0.25	10.15	0.006
S411020		1.630	122.0	0.101	6.93	0.003	0.003	8.69	0.007	0.63	0.563	10.20	3.8	0.26	11.45	0.016
S411021		1.290	60.2	0.070	3.77	0.007	0.003	5.29	0.006	1.02	0.518	5.81	2.9	0.20	9.38	0.021
S411022		0.835	34.3	0.066	8.74	0.005	0.004	2.78	0.004	0.60	0.431	17.30	2.9	0.14	3.09	0.011
S411023		0.317	4.84	0.024	3.74	0.005	0.003	1.085	0.002	1.93	0.333	13.25	2.5	0.06	1.00	0.005
S411024		0.307	5.87	0.027	4.86	0.005	0.003	1.005	0.002	1.89	0.336	14.45	2.8	0.05	0.84	0.007
S411025		0.602	9.01	0.044	7.27	0.005	0.003	1.775	0.001	1.30	0.412	17.65	3.3	0.10	1.50	0.010
S411026		0.159	7.27	0.029	6.39	0.007	0.002	1.230	0.001	1.97	0.337	17.70	2.6	0.05	1.14	0.007
S411027		1.365	5.04	0.033	4.02	0.006	0.003	1.045	0.001	2.26	0.335	11.55	2.2	0.09	0.78	0.015
S411028		1.840	3.11	0.029	1.720	0.002	<0.002	0.630	0.001	2.76	0.276	9.73	1.8	0.06	0.69	0.014
S411029		1.240	7.69	0.030	7.02	0.003	0.002	0.765	0.001	2.11	0.383	19.50	2.6	0.12	1.01	0.018
S411030		1.210	57.4	0.066	12.70	0.009	0.002	2.88	0.006	0.56	0.466	36.9	3.7	0.21	2.02	0.022
S411031		1.985	5.98	0.026	2.80	0.007	<0.002	0.564	0.002	2.60	0.326	12.15	2.0	0.04	0.68	0.019
S411032		2.43	2.98	0.028	1.865	0.005	<0.002	0.398	0.001	2.75	0.282	9.23	1.8	0.02	0.62	0.021
S411033		1.985	4.94	0.028	2.74	0.003	0.002	0.483	0.001	2.48	0.297	10.25	2.0	0.05	0.74	0.019
S411034		2.05	5.73	0.034	3.39	0.002	<0.002	0.549	0.001	2.48	0.349	11.25	1.9	0.05	0.77	0.018
S411035		2.16	4.57	0.028	2.69	0.006	<0.002	0.524	0.001	2.62	0.292	11.85	2.2	0.06	0.78	0.018
S411036		1.155	9.89	0.027	6.11	0.008	0.002	1.240	0.001	1.93	0.463	19.05	2.6	0.05	1.28	0.013
S411037		1.355	24.7	0.038	9.79	0.016	0.003	3.53	0.001	1.46	0.415	29.5	2.7	0.09	1.65	0.018
S411038		1.150	10.25	0.032	5.89	0.011	0.003	1.290	0.003	1.85	0.387	22.5	2.5	0.07	1.35	0.017

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 3- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17181977

Description échantillon	Méthode élément unités L.D.	ME- MS41L Te ppm 0.01	ME- MS41L Th ppm 0.002	ME- MS41L Ti % 0.001	ME- MS41L Tl ppm 0.002	ME- MS41L U ppm 0.005	ME- MS41L V ppm 0.1	ME- MS41L W ppm 0.001	ME- MS41L Y ppm 0.003	ME- MS41L Zn ppm 0.1	ME- MS41L Zr ppm 0.01
S411001		0.03	2.60	0.044	0.178	3.12	25.2	0.113	26.4	202	4.68
S411002		0.08	3.85	0.068	0.350	2.86	33.2	0.168	17.55	242	5.02
S411003		0.07	2.55	0.045	0.284	3.81	21.7	0.131	30.3	325	3.92
S411004		0.05	2.58	0.059	0.201	5.15	31.5	0.141	24.4	372	2.58
S411005		0.05	3.14	0.039	0.373	3.67	20.5	0.391	45.9	520	4.24
S411006		0.06	2.75	0.052	0.218	3.07	28.5	0.140	26.6	405	3.33
S411007		0.07	2.51	0.042	0.272	3.17	21.8	0.135	41.8	900	3.62
S411008		0.06	2.58	0.044	0.277	3.08	23.2	0.132	36.7	652	3.92
S411009		0.04	2.60	0.056	0.320	4.25	30.0	0.382	34.4	502	3.25
S411010		0.04	5.49	0.115	0.170	2.35	46.1	0.231	15.05	153.0	3.83
S411011		0.02	3.49	0.077	0.127	3.19	31.9	0.215	15.30	123.5	2.28
S411012		0.03	3.09	0.066	0.194	2.34	30.6	0.186	17.90	339	2.14
S411013		0.04	2.82	0.068	0.183	2.98	28.7	0.185	16.30	277	2.05
S411014		0.03	4.93	0.101	0.090	1.490	36.9	0.217	8.87	59.6	5.27
S411015		0.04	2.30	0.069	0.226	4.36	41.6	0.157	19.30	216	1.93
S411016		0.09	2.23	0.053	0.232	4.35	31.3	0.166	23.9	539	2.12
S411017		1.77	2.57	0.144	0.282	4.72	58.4	0.235	21.4	551	4.04
S411018		0.11	2.13	0.062	0.332	5.31	40.0	0.174	23.3	446	1.89
S411019		0.05	2.36	0.063	0.355	3.83	47.1	0.163	18.30	325	2.25
S411020		0.15	2.22	0.056	0.435	9.55	35.5	0.141	37.8	434	3.21
S411021		0.08	3.06	0.043	0.140	6.61	27.5	0.171	18.70	249	4.00
S411022		0.24	6.48	0.031	0.117	9.58	15.0	0.080	23.8	187.0	3.89
S411023		0.18	6.15	0.012	0.029	3.65	10.3	0.045	4.26	40.3	2.32
S411024		0.18	5.77	0.011	0.035	4.57	8.4	0.038	6.21	33.2	2.77
S411025		0.30	6.32	0.022	0.063	8.65	11.5	0.062	11.25	59.3	3.06
S411026		0.16	5.58	0.006	0.085	6.51	5.1	0.021	9.64	25.0	3.27
S411027		0.15	12.05	0.019	0.058	2.72	10.8	0.040	3.31	36.8	2.64
S411028		0.13	14.75	0.009	0.020	1.850	7.9	0.024	2.62	23.5	2.96
S411029		0.15	15.05	0.012	0.050	10.75	7.6	0.035	12.15	48.7	4.93
S411030		0.27	7.71	0.043	0.242	21.0	19.2	0.109	21.0	260	3.06
S411031		0.10	19.85	0.009	0.028	2.93	6.4	0.023	3.52	39.3	4.88
S411032		0.13	16.55	0.007	0.022	2.19	5.4	0.022	2.21	19.9	4.89
S411033		0.09	16.05	0.008	0.018	3.64	7.3	0.015	6.03	22.6	5.05
S411034		0.09	12.55	0.009	0.022	5.17	8.1	0.028	7.84	25.2	4.72
S411035		0.11	19.05	0.009	0.022	3.62	7.5	0.024	4.38	25.4	4.55
S411036		0.13	17.65	0.012	0.048	9.13	8.0	0.039	11.65	32.3	5.27
S411037		0.13	20.4	0.017	0.092	16.75	8.6	0.068	19.95	72.2	6.38
S411038		0.13	17.50	0.014	0.097	8.59	9.9	0.051	9.72	39.0	5.27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 3- OCT- 2017
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD17181977

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyses de l'or par cette méthode sont semi- quantitatif à cause du peu d'échantillon pesée (0.5g).
ME- MS41L

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.
LOG- 22 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA23 ME- MS41L

Quality Analysis ... *Innovative Technologies*

Date Submitted: 23-Oct-17
Invoice No.: A17-11783 (i)
Invoice Date: 22-Dec-17
Your Reference: 1184

IOS Services Geoscientifiques Inc.
1319 Boul, St. Paul
Chicoutimi PQ G7J-3Y2
Canada

ATTN: Rejean Girard

CERTIFICATE OF ANALYSIS

128 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code 2A-15g Humus INAA(INAAGEO)

Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A17-11783 (i)**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is only semi-quantitative. For accurate Au data, fire assay is recommended.

CERTIFIED BY:



Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480000	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	3	< 0.5	0.20	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480001	< 1	< 2	22	1900	36	< 0.5	15	48	< 0.5	7.12	3.6	0.8	< 5	15.6	13000	< 10	20	0.2	7.9	< 2	< 100	< 0.5	8.4
118480002	< 1	< 2	8	500	38	< 0.5	16	60	2.1	3.39	2.4	< 0.5	< 5	< 0.5	8600	< 10	60	0.5	9.9	< 2	100	< 0.5	9.6
118480003	5	< 2	7	400	24	< 0.5	15	29	< 0.5	7.21	2.0	< 0.5	< 5	15.8	4900	< 10	< 20	0.6	3.7	< 2	< 100	< 0.5	2.4
118480004	< 1	< 2	7	800	24	< 0.5	16	65	2.0	3.38	4.3	< 0.5	< 5	< 0.5	12600	< 10	140	0.5	11.9	< 2	< 100	< 0.5	11.8
118480005	< 1	< 2	12	700	43	1.0	13	63	< 0.5	12.3	2.5	< 0.5	< 5	30.1	12700	< 10	70	1.4	7.5	< 2	< 100	< 0.5	7.3
118480006	< 1	< 2	3	200	35	< 0.5	8	20	< 0.5	1.99	1.4	< 0.5	< 5	< 0.5	3100	< 10	< 20	0.3	5.8	< 2	< 100	< 0.5	3.7
118480007	2	< 2	2	600	28	0.9	11	50	1.0	2.64	5.7	< 0.5	< 5	12.1	14100	< 10	50	< 0.1	7.8	< 2	< 100	< 0.5	9.8
118480008	< 1	< 2	6	< 100	53	1.7	5	19	< 0.5	1.59	0.9	< 0.5	< 5	0.9	2300	< 10	< 20	0.3	2.5	< 2	< 100	< 0.5	2.6
118480009	3	< 2	2	300	48	0.6	5	16	< 0.5	0.84	0.6	< 0.5	< 5	0.6	2000	< 10	< 20	0.2	2.4	< 2	< 100	< 0.5	2.5
118480010	< 1	< 2	3	100	55	0.5	8	27	0.6	1.66	1.5	< 0.5	< 5	4.7	4500	< 10	< 20	0.3	3.7	< 2	< 100	< 0.5	3.0
118480011	< 1	< 2	24	500	46	< 0.5	12	47	< 0.5	2.48	1.9	< 0.5	< 5	0.7	8100	< 10	20	0.9	8.4	< 2	< 100	< 0.5	7.9
118480012	6	< 2	32	600	38	1.0	8	45	0.9	1.87	3.3	< 0.5	< 5	3.6	12200	< 10	50	0.4	8.9	< 2	< 100	< 0.5	7.0
118480013	< 1	< 2	8	< 100	43	1.0	4	17	< 0.5	3.91	0.7	< 0.5	< 5	4.5	3100	< 10	< 20	0.7	2.6	< 2	< 100	< 0.5	2.6
118480014	< 1	< 2	3	600	28	< 0.5	13	49	1.8	2.55	6.0	< 0.5	< 5	3.2	14200	< 10	< 20	0.1	8.1	< 2	< 100	< 0.5	8.5
118480015	4	< 2	6	700	35	< 0.5	15	59	1.7	3.98	4.4	< 0.5	< 5	< 0.5	17200	< 10	50	0.5	11.4	< 2	< 100	< 0.5	8.2
118480016	< 1	< 2	23	< 100	43	< 0.5	4	18	< 0.5	0.76	< 0.5	0.6	< 5	0.6	2200	< 10	< 20	0.3	5.5	< 2	< 100	< 0.5	4.5
118480017	< 1	< 2	5	1100	10	< 0.5	16	90	1.2	9.61	6.2	< 0.5	< 5	< 0.5	22800	< 10	110	< 0.1	10.9	< 2	< 100	< 0.5	9.5
118480018	< 1	< 2	2	500	34	< 0.5	6	39	0.8	1.56	2.7	< 0.5	< 5	1.8	10400	< 10	30	0.3	6.3	< 2	< 100	< 0.5	6.0
118480019	< 1	< 2	39	1100	36	< 0.5	14	57	1.2	5.72	4.3	< 0.5	< 5	21.0	18000	< 10	60	< 0.1	9.7	< 2	< 100	< 0.5	10.1
118480020	1	< 2	74	700	45	< 0.5	13	61	1.3	3.54	2.5	< 0.5	< 5	2.3	11000	< 10	90	1.0	9.4	< 2	< 100	< 0.5	9.6
118480021	< 1	< 2	3	500	28	< 0.5	11	54	0.9	2.66	4.9	< 0.5	< 5	9.4	14100	< 10	30	< 0.1	8.0	< 2	200	< 0.5	8.9
118480022	< 1	< 2	27	600	30	0.5	7	49	1.7	1.50	4.3	< 0.5	< 5	1.4	18000	< 10	30	0.4	9.6	< 2	< 100	< 0.5	6.1
118480023	< 1	< 2	3	1000	27	1.3	13	74	1.1	4.58	5.5	< 0.5	< 5	1.6	25500	< 10	50	0.2	13.9	< 2	200	< 0.5	11.4
118480024	< 1	< 2	3	100	41	1.2	9	31	< 0.5	1.29	1.5	< 0.5	< 5	< 0.5	4400	< 10	40	0.2	4.8	< 2	< 100	< 0.5	4.7
118480025	< 1	< 2	3	300	57	< 0.5	6	18	< 0.5	2.28	1.3	< 0.5	< 5	4.2	4000	< 10	< 20	< 0.1	4.3	< 2	< 100	< 0.5	4.8
118480026	< 1	< 2	2	< 100	46	< 0.5	3	14	< 0.5	0.70	< 0.5	< 0.5	< 5	< 0.5	800	< 10	< 20	< 0.1	1.7	< 2	< 100	< 0.5	1.6
118480027	< 1	< 2	3	500	39	< 0.5	9	45	1.0	1.74	1.3	< 0.5	< 5	2.5	6500	< 10	40	0.1	7.1	< 2	< 100	< 0.5	7.6
118480028	5	< 2	30	2000	30	4.6	17	83	5.2	5.03	6.8	< 0.5	< 5	8.9	14900	< 10	80	4.3	16.1	< 2	< 100	< 0.5	8.6
118480029	< 1	< 2	7	900	39	< 0.5	34	62	1.0	11.2	4.1	< 0.5	< 5	1.6	14900	< 10	40	0.6	12.2	< 2	< 100	< 0.5	10.9
118480030	< 1	< 2	8	400	31	< 0.5	9	43	1.3	1.90	1.4	< 0.5	< 5	2.7	6700	< 10	30	0.5	6.8	< 2	< 100	< 0.5	7.1
118480031	< 1	< 2	5	< 100	25	< 0.5	3	20	< 0.5	0.61	< 0.5	< 0.5	< 5	< 0.5	800	< 10	< 20	0.1	4.3	< 2	< 100	< 0.5	1.9
118480032	4	< 2	5	500	144	< 0.5	17	59	2.3	3.10	1.1	< 0.5	< 5	1.4	9000	80	80	0.5	10.7	< 2	< 100	< 0.5	11.5
118480033	< 1	< 2	97	1300	33	1.1	17	77	3.4	7.06	4.0	< 0.5	< 5	2.0	21200	< 10	120	0.2	13.4	< 2	< 100	< 0.5	10.6
118480034	< 1	< 2	9	900	19	< 0.5	16	76	1.5	4.91	4.6	< 0.5	< 5	0.5	19200	< 10	60	0.6	11.6	< 2	< 100	< 0.5	10.4
118480035	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	3	< 0.5	0.16	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480036	< 1	< 2	17	300	25	< 0.5	6	28	1.7	1.75	1.3	< 0.5	< 5	2.9	5900	< 10	< 20	0.5	6.2	< 2	< 100	< 0.5	5.1
118480037	< 1	< 2	24	900	29	0.7	10	58	1.5	2.55	4.1	< 0.5	< 5	3.0	19300	100	40	0.5	9.7	< 2	< 100	< 0.5	7.8
118480038	< 1	< 2	3	600	36	< 0.5	7	62	1.7	1.75	2.7	< 0.5	< 5	< 0.5	9400	< 10	50	0.3	10.4	< 2	< 100	< 0.5	10.8
118480039	< 1	< 2	8	600	34	0.6	11	50	4.3	3.01	2.1	< 0.5	< 5	2.0	9000	< 10	60	0.7	8.9	< 2	< 100	< 0.5	7.4
118480040	< 1	< 2	4	600	7	6.0	15	138	0.7	3.61	4.3	< 0.5	< 5	< 0.5	22500	< 10	< 20	< 0.1	16.3	< 2	< 100	< 0.5	5.4
118480041	< 1	< 2	5	700	23	< 0.5	12	48	1.7	3.36	1.6	< 0.5	< 5	4.3	10300	< 10	20	0.1	6.4	< 2	< 100	< 0.5	6.4

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480042	< 1	< 2	2	600	21	< 0.5	12	41	0.8	2.05	5.0	< 0.5	< 5	7.2	12700	< 10	< 20	< 0.1	6.9	< 2	200	< 0.5	8.2
118480043	< 1	< 2	3	300	19	< 0.5	20	39	0.5	3.19	2.7	< 0.5	< 5	2.5	3200	< 10	< 20	< 0.1	7.9	< 2	< 100	< 0.5	6.2
118480044	< 1	< 2	7	200	62	< 0.5	5	28	< 0.5	1.28	< 0.5	< 0.5	< 5	3.3	900	< 10	< 20	0.1	3.1	< 2	< 100	< 0.5	2.3
118480045	< 1	< 2	2	900	13	0.8	9	47	0.9	2.88	6.7	< 0.5	< 5	1.0	23000	< 10	40	0.2	9.1	< 2	< 100	< 0.5	7.4
118480046	2	< 2	12	800	48	< 0.5	17	59	1.0	10.9	4.1	< 0.5	< 5	< 0.5	15100	< 10	140	0.5	10.5	< 2	< 100	< 0.5	9.4
118480047	< 1	< 2	47	300	34	< 0.5	13	38	0.8	2.62	1.8	< 0.5	< 5	1.5	4800	< 10	< 20	0.7	6.8	< 2	< 100	< 0.5	6.6
118480048	1	< 2	2	500	15	0.6	8	38	0.9	1.65	3.0	< 0.5	< 5	0.9	9100	< 10	50	< 0.1	7.0	< 2	< 100	< 0.5	5.8
118480049	< 1	< 2	1	600	20	< 0.5	12	45	1.5	2.04	4.9	< 0.5	< 5	10.8	12100	< 10	< 20	< 0.1	6.7	< 2	< 100	< 0.5	7.8
118480050	< 1	< 2	3	400	32	< 0.5	7	36	0.5	2.64	2.8	< 0.5	< 5	3.2	8600	< 10	30	< 0.1	6.1	< 2	< 100	< 0.5	4.7
118480051	< 1	< 2	5	< 100	53	< 0.5	16	42	< 0.5	1.03	< 0.5	< 0.5	< 5	< 0.5	2600	100	< 20	0.4	7.2	< 2	< 100	< 0.5	5.3
118480052	< 1	< 2	3	200	59	0.7	8	24	< 0.5	1.02	1.5	< 0.5	< 5	0.7	4300	< 10	< 20	0.3	5.1	< 2	< 100	< 0.5	4.4
118480053	< 1	< 2	3	700	10	< 0.5	22	67	1.5	3.64	5.5	< 0.5	< 5	< 0.5	18300	< 10	20	0.1	9.0	< 2	< 100	< 0.5	4.8
118480054	< 1	< 2	34	500	27	< 0.5	111	49	< 0.5	7.48	0.9	< 0.5	< 5	3.1	7000	< 10	< 20	0.4	8.2	< 2	< 100	< 0.5	8.1
118480055	1	< 2	39	300	46	< 0.5	14	34	< 0.5	1.59	< 0.5	< 0.5	< 5	7.0	1800	< 10	< 20	0.5	6.9	< 2	< 100	< 0.5	3.8
118480056	3	< 2	< 1	500	19	< 0.5	10	37	0.7	1.74	3.8	< 0.5	< 5	4.9	10400	< 10	< 20	< 0.1	5.7	< 2	< 100	< 0.5	6.7
118480057	< 1	< 2	1	500	206	< 0.5	9	30	< 0.5	2.36	3.7	< 0.5	< 5	2.4	12700	< 10	< 20	< 0.1	5.8	< 2	100	< 0.5	4.3
118480058	< 1	< 2	4	800	15	< 0.5	13	46	0.9	3.67	4.7	< 0.5	< 5	< 0.5	18100	< 10	90	0.3	9.5	< 2	200	< 0.5	7.8
118480059	8	< 2	46	< 100	69	< 0.5	18	42	< 0.5	2.66	1.5	< 0.5	< 5	1.2	3900	< 10	< 20	0.9	8.7	< 2	< 100	< 0.5	7.7
118480060	< 1	< 2	< 1	900	10	< 0.5	19	136	1.7	3.93	3.6	< 0.5	< 5	7.4	16500	< 10	50	< 0.1	15.2	< 2	< 100	< 0.5	5.6
118480061	< 1	< 2	2	200	36	< 0.5	4	21	< 0.5	1.04	0.9	< 0.5	< 5	2.5	3000	< 10	< 20	0.2	2.7	< 2	< 100	< 0.5	3.6
118480062	< 1	< 2	9	1200	34	< 0.5	14	70	3.4	5.61	5.7	< 0.5	< 5	1.0	22000	< 10	90	0.2	12.1	< 2	< 100	< 0.5	8.9
118480063	8	< 2	1	200	27	< 0.5	12	60	1.1	2.55	5.1	< 0.5	< 5	8.3	13400	< 10	< 20	< 0.1	7.6	< 2	< 100	< 0.5	8.6
118480064	< 1	< 2	7	700	41	< 0.5	23	50	0.8	3.58	3.1	< 0.5	< 5	1.1	11900	< 10	70	0.6	9.4	< 2	< 100	< 0.5	10.8
118480065	< 1	< 2	2	500	36	< 0.5	10	53	2.0	2.26	1.4	< 0.5	< 5	1.0	6200	< 10	60	0.1	5.6	< 2	< 100	< 0.5	6.8
118480066	2	< 2	14	600	38	< 0.5	12	48	2.3	2.76	2.6	< 0.5	< 5	1.0	8900	< 10	30	0.8	9.1	< 2	< 100	< 0.5	9.1
118480067	3	< 2	9	900	34	2.3	12	95	2.6	4.71	3.5	< 0.5	< 5	0.9	14900	80	80	0.2	11.3	< 2	< 100	< 0.5	7.8
118480068	7	< 2	9	500	65	< 0.5	37	60	3.2	3.10	1.7	0.7	< 5	1.0	4500	230	50	1.3	11.1	< 2	< 100	< 0.5	13.9
118480069	< 1	< 2	5	700	36	< 0.5	20	62	1.4	4.13	3.8	< 0.5	< 5	0.7	12400	< 10	140	0.8	11.9	< 2	< 100	< 0.5	11.1
118480070	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	3	< 0.5	0.22	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480071	< 1	< 2	4	900	18	< 0.5	9	72	< 0.5	3.39	5.9	< 0.5	< 5	4.2	19100	< 10	60	< 0.1	9.7	< 2	100	< 0.5	7.4
118480072	3	< 2	6	300	81	0.9	15	71	1.7	3.18	3.0	< 0.5	< 5	1.6	9800	< 10	< 20	0.3	9.6	< 2	< 100	< 0.5	8.3
118480073	< 1	< 2	25	900	152	< 0.5	16	69	< 0.5	6.35	3.9	< 0.5	< 5	4.6	16800	< 10	< 20	0.4	12.1	< 2	100	< 0.5	9.9
118480074	< 1	< 2	6	1200	22	< 0.5	8	55	1.3	3.95	7.0	< 0.5	< 5	1.9	26900	< 10	100	0.2	11.4	< 2	300	< 0.5	6.6
118480075	< 1	< 2	3	700	32	< 0.5	19	48	2.3	3.70	2.7	< 0.5	< 5	< 0.5	11600	< 10	60	0.6	9.9	< 2	< 100	< 0.5	9.4
118480076	< 1	< 2	7	1100	22	< 0.5	13	72	3.3	5.45	5.0	< 0.5	< 5	3.7	25000	< 10	170	0.5	14.6	< 2	< 100	< 0.5	10.8
118480077	< 1	< 2	2	700	28	< 0.5	13	54	0.9	3.10	6.0	< 0.5	< 5	10.7	14800	< 10	110	< 0.1	8.3	< 2	300	< 0.5	9.5
118480078	< 1	< 2	27	100	58	< 0.5	56	45	< 0.5	37.3	< 0.5	< 0.5	< 5	52.4	2400	< 10	< 20	1.4	3.9	3	< 100	< 0.5	4.4
118480079	< 1	< 2	5	500	39	< 0.5	11	56	2.0	2.25	4.5	< 0.5	< 5	< 0.5	10100	< 10	60	0.2	9.6	< 2	< 100	< 0.5	6.9
118480080	< 1	< 2	3	400	40	< 0.5	54	47	< 0.5	2.25	1.8	< 0.5	< 5	3.0	4600	< 10	20	0.5	8.2	< 2	< 100	< 0.5	11.0
118480081	6	< 2	5	900	24	1.1	17	76	< 0.5	4.50	7.1	< 0.5	< 5	1.2	29300	< 10	100	0.6	15.1	< 2	< 100	< 0.5	10.0
118480082	5	< 2	35	1000	23	< 0.5	14	73	1.5	3.63	4.4	< 0.5	< 5	< 0.5	19500	< 10	80	0.8	13.4	< 2	< 100	< 0.5	12.9
118480083	9	< 2	19	800	67	< 0.5	13	52	1.6	3.88	3.7	< 0.5	< 5	1.4	8000	< 10	< 20	0.2	8.8	< 2	< 100	< 0.5	8.4

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480084	2	< 2	3	600	28	< 0.5	12	55	1.1	2.90	5.5	< 0.5	< 5	4.5	14400	< 10	40	< 0.1	8.1	< 2	< 100	< 0.5	9.7
118480085	< 1	< 2	39	800	264	< 0.5	16	77	1.0	4.73	3.4	< 0.5	< 5	3.2	16100	< 10	100	0.6	10.9	< 2	< 100	< 0.5	9.2
118480086	6	< 2	335	400	54	0.6	33	59	< 0.5	6.16	2.7	< 0.5	< 5	7.7	7400	< 10	20	1.7	12.5	< 2	< 100	< 0.5	10.9
118480087	< 1	< 2	13	1000	38	< 0.5	20	98	1.8	7.67	5.9	< 0.5	< 5	6.1	21400	< 10	130	0.9	14.4	< 2	< 100	< 0.5	14.6
118480088	2	< 2	12	< 100	20	< 0.5	13	63	1.0	20.9	1.6	< 0.5	< 5	< 0.5	4800	< 10	20	1.0	16.2	< 2	< 100	< 0.5	11.8
118480089	< 1	< 2	14	500	39	< 0.5	12	46	0.9	2.29	3.8	< 0.5	< 5	1.3	12700	< 10	20	0.6	6.7	< 2	< 100	< 0.5	6.8
118480090	< 1	< 2	1	700	58	< 0.5	9	66	1.2	2.33	2.8	< 0.5	< 5	2.0	12000	< 10	60	< 0.1	7.1	< 2	< 100	< 0.5	9.3
118480091	< 1	< 2	1	600	27	< 0.5	13	53	2.0	2.57	5.1	< 0.5	< 5	6.0	13700	< 10	< 20	0.2	6.7	< 2	< 100	< 0.5	8.8
118480092	< 1	< 2	29	600	31	0.9	26	58	0.7	3.88	5.9	< 0.5	< 5	1.9	20700	< 10	60	0.5	10.8	< 2	< 100	< 0.5	9.6
118480093	< 1	< 2	3	1300	8	< 0.5	16	85	1.4	3.78	6.9	< 0.5	< 5	< 0.5	27800	< 10	110	< 0.1	11.4	< 2	< 100	< 0.5	11.2
118480094	< 1	< 2	2	100	43	< 0.5	32	18	< 0.5	1.82	< 0.5	< 0.5	< 5	6.1	1600	80	< 20	0.3	2.6	< 2	< 100	< 0.5	1.4
118480095	3	< 2	40	800	61	< 0.5	39	80	< 0.5	10.3	1.0	< 0.5	< 5	35.2	8400	< 10	< 20	0.5	9.1	< 2	< 100	< 0.5	9.8
118480096	< 1	< 2	5	700	258	< 0.5	16	53	1.1	2.09	3.1	< 0.5	< 5	6.5	13200	< 10	30	0.2	7.6	< 2	< 100	< 0.5	8.3
118480097	< 1	< 2	25	800	74	< 0.5	33	73	4.4	3.48	2.2	< 0.5	< 5	4.0	7900	< 10	40	1.1	13.6	< 2	< 100	< 0.5	10.4
118480098	< 1	< 2	35	2800	33	< 0.5	21	104	7.0	5.81	6.7	< 0.5	< 5	10.8	16700	< 10	140	4.7	16.3	< 2	< 100	< 0.5	9.5
118480099	< 1	< 2	5	600	42	1.3	16	48	< 0.5	2.89	3.4	< 0.5	< 5	1.9	13100	< 10	50	0.4	7.2	< 2	< 100	< 0.5	7.7
118480100	< 1	< 2	58	1000	92	< 0.5	38	113	1.6	6.41	1.6	< 0.5	< 5	7.5	13700	< 10	140	0.6	13.8	< 2	< 100	< 0.5	14.6
118480101	< 1	< 2	5	300	82	< 0.5	15	36	< 0.5	3.55	2.0	< 0.5	< 5	1.6	5300	< 10	40	0.5	5.6	< 2	< 100	< 0.5	3.8
118480102	< 1	< 2	3	300	47	< 0.5	22	27	< 0.5	9.24	< 0.5	< 0.5	< 5	11.6	700	< 10	< 20	0.1	4.4	< 2	< 100	< 0.5	6.2
118480103	< 1	< 2	5	600	50	1.2	16	47	< 0.5	3.15	2.9	< 0.5	< 5	< 0.5	11600	< 10	90	0.6	7.3	< 2	< 100	< 0.5	7.2
118480104	< 1	< 2	4	700	43	0.6	17	63	1.1	2.81	3.2	< 0.5	< 5	1.9	10000	< 10	30	0.9	8.0	< 2	< 100	< 0.5	10.8
118480105	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	4	< 0.5	0.25	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480106	< 1	< 2	5	500	79	< 0.5	21	45	< 0.5	3.72	2.7	< 0.5	< 5	1.6	11200	< 10	50	0.7	7.2	< 2	200	< 0.5	7.8
118480107	< 1	< 2	5	< 100	62	0.7	5	23	< 0.5	0.76	< 0.5	< 0.5	< 5	10.0	2000	< 10	< 20	0.3	2.8	< 2	< 100	< 0.5	3.5
118480108	1	< 2	3	700	51	1.5	12	33	1.3	2.59	1.9	< 0.5	< 5	0.6	6700	< 10	60	0.3	5.5	< 2	< 100	< 0.5	8.5
118480109	1	< 2	96	1000	99	< 0.5	38	108	4.4	8.50	3.8	< 0.5	< 5	3.5	19300	< 10	120	1.1	17.2	< 2	< 100	< 0.5	16.7
118480110	< 1	< 2	7	< 100	77	2.5	11	28	< 0.5	1.56	0.8	< 0.5	< 5	< 0.5	2600	< 10	< 20	0.2	2.5	< 2	< 100	< 0.5	3.2
118480111	< 1	< 2	9	600	52	2.5	15	54	< 0.5	3.99	2.2	< 0.5	< 5	11.6	12700	< 10	80	0.6	8.2	< 2	100	< 0.5	10.6
118480112	< 1	< 2	3	600	33	< 0.5	15	69	2.7	3.20	7.4	< 0.5	< 5	24.0	17200	< 10	70	< 0.1	8.5	< 2	< 100	< 0.5	10.9
118480113	10	< 2	7	< 100	49	< 0.5	14	20	0.7	8.69	1.0	< 0.5	< 5	25.5	2300	70	< 20	0.9	3.3	8	< 100	< 0.5	2.5
118480114	< 1	< 2	4	100	37	< 0.5	23	20	0.7	11.7	< 0.5	< 0.5	< 5	7.0	3400	< 10	< 20	0.5	3.0	< 2	< 100	< 0.5	2.5
118480115	< 1	< 2	26	1400	32	< 0.5	18	104	2.6	4.96	8.2	< 0.5	< 5	2.2	34500	< 10	160	1.5	15.4	< 2	< 100	< 0.5	11.9
118480116	< 1	< 2	9	800	43	< 0.5	17	118	3.5	4.46	3.2	< 0.5	< 5	1.9	14000	< 10	120	0.4	12.8	< 2	< 100	< 0.5	12.3
118480117	< 1	< 2	9	200	41	< 0.5	6	25	< 0.5	2.72	< 0.5	< 0.5	< 5	15.1	1500	< 10	< 20	0.2	2.7	< 2	< 100	< 0.5	4.0
118480118	4	< 2	11	800	45	0.8	19	53	0.8	5.68	4.9	< 0.5	< 5	< 0.5	16800	< 10	90	0.4	9.0	< 2	100	< 0.5	8.4
118480119	< 1	< 2	1	400	24	< 0.5	9	49	0.8	1.99	4.7	< 0.5	< 5	10.9	11300	< 10	70	0.2	5.9	< 2	200	< 0.5	8.4
118480120	< 1	< 2	6	500	63	< 0.5	12	53	0.8	3.39	2.0	< 0.5	< 5	14.6	9400	< 10	20	0.8	6.9	< 2	< 100	< 0.5	8.5
118480121	< 1	< 2	2	1000	10	2.5	8	38	1.2	2.43	6.8	< 0.5	< 5	1.3	20000	< 10	30	0.2	7.0	< 2	200	< 0.5	4.4
MRILS.IOS-1																							
MRILS.IOS-2																							
MRILS.IOS-3																							
MRILS.IOS-4																							

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
MRILS.IOS-5																							
MRILS.IOS-6																							

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480000	< 0.1	< 1	< 20	0.3	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.8	< 0.001	< 1	< 0.001	0.1	0.1	< 1	0.013	< 0.01	0.01	< 0.01	< 0.02
118480001	20.5	23	80	81.6	136	69	10.2	2.2	0.8	1.6	0.5	15.7	0.045	< 1	0.434	9.3	0.6	< 1	0.042	0.29	1.25	0.09	0.08
118480002	3.3	< 1	140	84.6	147	106	13.2	2.6	0.3	2.0	0.3	15.5	0.085	< 1	0.059	15.0	0.6	2	0.045	0.54	1.72	0.19	0.08
118480003	9.5	< 1	760	24.0	50	27	3.4	0.8	< 0.2	0.9	0.3	15.6	0.024	4	0.052	4.2	0.4	< 1	0.022	0.19	0.66	0.04	0.03
118480004	3.0	< 1	290	57.2	108	57	8.3	1.4	0.6	2.3	0.3	15.4	0.112	< 1	0.052	20.3	0.7	3	0.046	0.62	1.74	0.28	0.07
118480005	16.4	< 1	100	48.3	80	46	5.8	1.1	< 0.2	1.3	0.3	15.9	0.071	5	0.059	8.3	0.4	5	0.051	0.38	0.79	0.09	0.06
118480006	0.9	< 1	70	26.5	50	44	5.1	1.0	0.4	1.5	0.2	15.7	0.018	< 1	0.045	3.1	0.3	< 1	0.017	0.10	0.63	0.03	0.05
118480007	22.0	< 1	40	70.8	143	77	10.4	1.6	0.6	2.6	0.6	15.9	0.075	< 1	0.074	8.3	0.6	< 1	0.040	0.26	1.11	0.11	0.10
118480008	1.0	< 1	40	12.6	24	17	1.7	0.3	< 0.2	0.5	< 0.1	15.1	0.014	< 1	0.066	1.9	0.2	< 1	0.023	0.10	0.33	0.04	0.03
118480009	0.2	< 1	90	10.6	23	11	1.7	0.3	< 0.2	0.6	< 0.1	15.3	0.016	< 1	0.044	1.3	0.1	< 1	0.025	0.07	0.32	0.03	0.02
118480010	4.7	< 1	90	17.5	32	29	2.6	0.5	< 0.2	0.7	0.3	14.2	0.022	1	0.051	3.5	0.2	6	0.041	0.21	0.39	0.04	0.02
118480011	3.0	< 1	200	41.8	68	48	5.9	1.1	0.3	1.7	0.3	15.8	0.061	< 1	0.047	11.3	0.5	1	0.039	0.33	1.23	0.14	0.04
118480012	4.4	< 1	40	29.3	43	33	4.6	1.0	0.3	1.5	0.2	15.8	0.057	< 1	0.048	8.8	0.2	3	0.034	0.38	0.68	0.10	0.03
118480013	3.9	1	160	12.1	24	6	1.6	0.2	< 0.2	0.3	0.1	1.02	0.025	3	0.054	4.0	0.3	5	0.041	0.24	0.43	0.05	0.12
118480014	24.7	< 1	30	71.4	144	83	10.1	1.8	0.7	2.7	0.6	15.8	0.073	< 1	0.074	8.5	0.6	< 1	0.040	0.24	1.05	0.10	0.10
118480015	1.4	< 1	80	40.2	68	43	6.6	1.1	< 0.2	2.0	0.3	15.7	0.102	< 1	0.076	10.3	0.4	< 1	0.042	0.44	1.10	0.14	0.06
118480016	1.2	< 1	30	30.4	58	37	5.1	1.0	0.9	1.6	0.2	15.8	0.014	< 1	0.072	1.6	0.3	< 1	0.018	0.07	0.54	0.03	0.05
118480017	3.8	< 1	30	41.2	79	38	7.0	1.1	< 0.2	1.4	0.2	15.9	0.086	< 1	0.122	14.3	0.3	< 1	0.043	0.50	0.92	0.13	0.07
118480018	5.1	< 1	70	31.7	51	33	4.8	0.9	< 0.2	1.4	0.2	15.6	0.045	< 1	0.043	6.1	0.3	< 1	0.039	0.27	0.67	0.07	0.03
118480019	37.8	3	70	61.0	111	57	8.6	1.6	< 0.2	1.6	0.7	15.9	0.059	< 1	0.132	14.7	0.5	1	0.047	0.38	1.34	0.11	0.07
118480020	4.1	2	130	34.4	61	35	5.3	0.8	< 0.2	1.4	0.2	15.8	0.086	< 1	0.069	14.2	0.5	2	0.044	0.45	1.26	0.21	0.06
118480021	22.6	< 1	40	71.0	140	73	10.0	1.5	0.8	2.5	0.6	15.9	0.075	< 1	0.077	8.5	0.6	< 1	0.040	0.26	1.10	0.11	0.10
118480022	2.1	< 1	< 20	36.1	47	38	5.8	1.0	< 0.2	1.3	0.2	15.9	0.069	< 1	0.048	7.2	0.3	< 1	0.038	0.27	0.65	0.07	0.03
118480023	3.0	< 1	< 20	47.4	75	39	7.3	1.1	< 0.2	2.1	0.2	16.0	0.122	< 1	0.098	11.7	0.6	< 1	0.050	0.53	1.23	0.16	0.07
118480024	0.8	< 1	150	21.1	39	21	3.3	0.8	< 0.2	1.2	0.1	15.8	0.019	< 1	0.053	2.5	0.3	< 1	0.022	0.14	0.52	0.03	0.03
118480025	2.7	< 1	50	22.8	40	29	3.4	0.6	< 0.2	0.9	0.1	15.3	0.026	2	0.029	3.5	0.1	< 1	0.025	0.17	0.38	0.04	0.02
118480026	0.2	< 1	< 20	6.1	14	14	1.1	0.2	< 0.2	0.4	< 0.1	15.3	0.009	< 1	0.039	0.3	0.1	< 1	0.017	0.03	0.35	0.01	< 0.02
118480027	1.6	< 1	50	31.0	53	33	5.2	0.7	< 0.2	1.3	0.2	15.9	0.036	< 1	0.040	12.9	0.3	< 1	0.035	0.33	0.84	0.10	0.04
118480028	12.9	< 1	170	42.1	83	39	8.6	1.9	1.9	3.4	0.6	15.9	0.053	< 1	0.120	20.0	1.1	4	0.057	0.77	1.61	0.16	1.15
118480029	2.8	< 1	230	56.1	96	48	8.3	1.3	0.9	2.3	0.3	15.7	0.106	< 1	0.223	13.2	0.7	2	0.051	0.48	1.70	0.19	0.08
118480030	2.0	< 1	140	32.0	55	37	4.0	0.7	< 0.2	1.1	0.2	15.9	0.073	< 1	0.047	14.3	0.4	2	0.047	0.45	1.38	0.22	0.05
118480031	1.6	< 1	30	25.0	19	45	3.9	0.8	0.6	1.3	0.2	15.7	0.008	< 1	0.023	1.9	0.1	< 1	0.021	0.07	0.30	0.02	0.02
118480032	4.3	< 1	190	73.9	118	70	9.2	1.5	0.6	2.5	0.3	15.5	0.110	< 1	0.094	20.8	0.9	3	0.060	0.64	2.02	0.30	0.07
118480033	5.5	< 1	90	44.3	72	40	5.6	1.0	< 0.2	1.4	0.2	15.7	0.106	< 1	0.283	22.5	0.6	4	0.044	0.81	1.52	0.28	0.10
118480034	2.8	< 1	180	49.7	91	39	6.4	1.2	< 0.2	1.8	0.2	15.7	0.133	< 1	0.136	17.8	0.8	2	0.048	0.65	1.74	0.26	0.09
118480035	< 0.1	< 1	< 20	0.2	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	16.0	< 0.001	< 1	< 0.001	0.1	< 0.1	< 1	0.015	< 0.01	0.01	< 0.01	< 0.02
118480036	4.6	< 1	80	28.9	32	37	3.9	0.5	0.3	1.0	0.2	15.8	0.054	< 1	0.020	9.7	0.3	< 1	0.041	0.30	0.80	0.15	0.02
118480037	3.3	< 1	60	34.0	60	33	4.8	0.9	0.6	1.3	0.3	15.8	0.080	< 1	0.051	14.0	0.4	3	0.038	0.56	1.00	0.17	0.06
118480038	2.2	< 1	40	42.0	87	38	6.2	1.3	0.6	1.6	0.2	15.6	0.051	< 1	0.092	14.3	0.5	< 1	0.027	0.41	1.42	0.12	0.08
118480039	3.7	< 1	50	39.7	52	39	5.5	0.9	< 0.2	1.3	0.3	15.8	0.091	1	0.041	16.8	0.5	7	0.046	0.64	1.45	0.26	0.06
118480040	2.7	< 1	80	30.6	46	26	4.9	1.3	0.9	1.9	0.2	15.7	0.112	< 1	0.065	9.6	0.2	< 1	0.045	0.54	0.80	0.13	0.04
118480041	7.3	< 1	50	46.1	79	43	5.8	1.2	0.4	1.6	0.3	15.8	0.053	< 1	0.140	10.4	0.4	< 1	0.053	0.32	1.36	0.11	0.06

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480042	19.5	< 1	40	65.5	121	67	9.2	1.5	0.8	2.4	0.5	15.9	0.072	< 1	0.075	8.3	0.7	< 1	0.042	0.26	1.16	0.11	0.10
118480043	4.7	< 1	150	55.9	103	63	7.1	1.4	0.6	1.7	0.2	15.6	0.128	< 1	0.086	9.5	0.2	< 1	0.028	0.61	0.96	0.06	0.04
118480044	4.1	< 1	50	15.8	20	20	2.3	0.5	0.3	0.7	0.2	16.0	0.005	1	0.048	2.4	0.2	< 1	0.033	0.08	0.52	0.03	0.02
118480045	4.3	< 1	40	31.4	63	23	4.5	1.1	< 0.2	1.4	0.2	15.9	0.095	< 1	0.081	12.2	0.4	< 1	0.041	0.47	0.86	0.11	0.05
118480046	3.5	< 1	100	60.9	110	57	8.1	1.5	< 0.2	2.3	0.3	15.6	0.098	< 1	0.149	14.1	0.6	1	0.040	0.49	1.50	0.17	0.09
118480047	2.9	< 1	180	46.7	78	44	6.3	0.9	< 0.2	1.7	0.3	15.8	0.047	< 1	0.069	7.4	0.5	2	0.033	0.27	1.07	0.10	0.05
118480048	5.4	< 1	50	46.5	65	51	6.0	1.1	0.4	1.5	0.3	15.6	0.039	< 1	0.044	13.3	0.4	< 1	0.025	0.27	0.99	0.07	0.04
118480049	19.7	< 1	40	60.5	112	64	7.8	1.3	< 0.2	2.2	0.5	15.5	0.068	< 1	0.073	7.9	0.6	< 1	0.037	0.26	1.15	0.10	0.10
118480050	4.3	< 1	60	23.0	42	28	3.2	0.8	0.3	0.9	0.2	15.7	0.057	2	0.036	8.0	0.3	< 1	0.029	0.35	0.68	0.08	0.04
118480051	1.7	< 1	160	77.8	139	100	12.4	2.2	1.9	2.5	0.3	14.4	0.018	< 1	0.065	4.4	0.6	< 1	0.030	0.17	1.26	0.06	0.03
118480052	2.0	< 1	40	21.5	37	27	3.0	0.6	< 0.2	1.2	0.1	15.4	0.027	< 1	0.051	3.9	0.2	< 1	0.027	0.19	0.75	0.04	0.03
118480053	1.9	< 1	190	48.1	69	32	5.5	1.0	0.5	1.6	0.2	15.7	0.081	< 1	0.061	11.8	0.6	< 1	0.033	0.47	1.12	0.08	0.06
118480054	2.7	< 1	430	72.4	132	69	8.7	1.5	0.6	2.3	0.3	15.9	0.062	< 1	0.158	10.0	0.9	1	0.041	0.32	2.55	0.13	0.05
118480055	7.3	< 1	80	30.8	44	46	4.9	1.0	0.6	1.3	0.3	15.8	0.011	< 1	0.083	4.2	0.4	2	0.028	0.14	1.03	0.05	0.03
118480056	16.4	< 1	< 20	54.2	98	55	7.0	1.1	0.6	2.0	0.5	15.4	0.069	< 1	0.071	7.7	0.5	< 1	0.037	0.23	1.07	0.10	0.09
118480057	5.3	< 1	50	25.8	46	45	3.4	0.8	< 0.2	1.1	0.2	15.2	0.058	2	0.070	7.2	0.4	6	0.041	0.36	0.79	0.09	0.05
118480058	2.2	< 1	50	39.8	76	34	5.3	1.0	< 0.2	1.4	0.2	16.0	0.128	< 1	0.106	13.5	0.6	< 1	0.050	0.57	1.40	0.21	0.09
118480059	2.2	< 1	70	54.7	70	64	7.7	1.2	0.8	1.9	0.3	15.6	0.032	< 1	0.122	6.5	0.5	2	0.027	0.23	1.35	0.08	0.04
118480060	2.9	< 1	50	43.0	79	44	6.5	1.2	0.7	1.9	0.2	15.8	0.129	< 1	0.059	12.2	0.2	< 1	0.048	0.73	1.05	0.17	0.03
118480061	4.8	< 1	30	18.9	26	25	2.7	0.4	< 0.2	0.8	0.1	15.7	0.014	< 1	0.033	3.2	0.2	< 1	0.033	0.11	0.39	0.04	0.02
118480062	2.8	< 1	100	44.5	84	45	6.5	1.3	0.3	1.7	0.2	15.9	0.098	< 1	0.116	16.7	0.6	1	0.040	0.63	1.15	0.20	0.08
118480063	22.4	< 1	< 20	69.1	123	77	10.1	1.6	0.9	2.0	0.5	16.0	0.068	< 1	0.075	7.9	0.7	< 1	0.038	0.26	1.17	0.10	0.10
118480064	3.2	< 1	370	76.9	108	77	10.4	1.6	0.8	2.4	0.3	15.8	0.073	< 1	0.051	10.7	0.6	1	0.042	0.39	1.39	0.14	0.05
118480065	2.7	1	30	37.8	70	45	5.5	1.0	< 0.2	1.2	0.2	15.5	0.044	< 1	0.046	12.6	0.4	< 1	0.044	0.32	1.36	0.13	0.06
118480066	3.9	< 1	< 20	68.1	95	76	9.4	1.8	0.5	2.0	0.3	15.8	0.068	< 1	0.031	12.1	0.4	3	0.035	0.43	1.16	0.18	0.07
118480067	3.1	< 1	60	32.2	61	35	4.8	0.9	0.4	1.6	0.2	15.7	0.078	< 1	0.107	14.4	0.4	5	0.052	0.63	1.26	0.18	0.06
118480068	3.7	< 1	240	75.9	95	106	11.7	2.5	0.9	2.6	0.4	15.7	0.044	< 1	0.053	11.8	0.5	3	0.042	0.51	1.74	0.22	0.06
118480069	2.9	< 1	240	60.0	107	66	9.6	1.6	< 0.2	2.5	0.3	15.9	0.091	< 1	0.070	17.0	0.7	2	0.044	0.57	1.95	0.23	0.08
118480070	< 0.1	< 1	< 20	0.2	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.8	< 0.001	< 1	< 0.001	0.1	0.1	< 1	0.013	< 0.01	0.01	< 0.01	< 0.02
118480071	4.6	< 1	< 20	45.3	73	43	6.7	1.3	< 0.2	1.6	0.2	15.8	0.065	< 1	0.053	10.8	0.3	< 1	0.028	0.34	0.83	0.07	0.04
118480072	6.2	< 1	80	110	194	125	15.0	2.7	1.5	2.3	0.3	15.8	0.046	< 1	0.152	10.6	0.6	< 1	0.037	0.34	2.15	0.08	0.10
118480073	9.3	< 1	230	47.9	80	49	6.9	1.5	0.4	1.5	0.3	15.5	0.095	2	0.067	18.9	0.5	12	0.067	0.89	1.46	0.24	0.10
118480074	2.6	< 1	< 20	32.1	57	17	5.2	1.2	< 0.2	1.5	0.2	15.9	0.086	< 1	0.072	12.4	0.4	3	0.034	0.47	0.79	0.12	0.05
118480075	2.1	< 1	510	65.4	91	62	8.8	1.5	< 0.2	2.3	0.3	15.9	0.077	1	0.048	15.3	0.6	2	0.050	0.46	1.64	0.18	0.04
118480076	2.6	< 1	< 20	59.3	110	57	8.8	1.5	0.5	2.2	0.3	15.7	0.133	< 1	0.110	15.8	0.8	1	0.061	0.69	1.69	0.22	0.08
118480077	24.4	< 1	< 20	75.5	137	75	10.8	1.9	1.2	2.5	0.6	15.6	0.067	< 1	0.074	8.5	0.7	< 1	0.039	0.27	1.14	0.10	0.10
118480078	26.8	< 1	2020	41.5	71	32	5.7	1.3	0.3	1.5	0.6	15.9	0.020	3	0.200	2.6	0.7	5	0.018	0.18	0.82	0.04	0.03
118480079	3.9	< 1	130	67.7	85	81	9.3	2.0	< 0.2	1.8	0.3	15.5	0.039	< 1	0.045	12.0	0.5	< 1	0.021	0.29	0.85	0.08	0.04
118480080	2.7	< 1	110	80.7	150	102	11.5	1.8	0.8	2.8	0.3	15.8	0.036	< 1	0.046	6.3	0.8	< 1	0.028	0.21	1.71	0.09	0.04
118480081	3.4	< 1	260	63.8	122	65	9.8	1.8	0.9	2.4	0.3	14.3	0.132	< 1	0.071	14.3	0.8	2	0.044	0.60	1.46	0.18	0.07
118480082	5.4	< 1	210	54.9	95	50	8.0	1.6	< 0.2	2.2	0.3	14.5	0.133	< 1	0.052	17.3	0.6	3	0.058	0.72	1.57	0.27	0.06
118480083	8.7	< 1	180	52.4	78	59	7.8	1.6	0.6	1.9	0.3	16.0	0.056	< 1	0.073	13.6	0.5	2	0.029	0.80	1.43	0.16	0.59

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480084	24.1	< 1	70	72.3	134	76	10.7	1.6	0.9	3.0	0.6	16.0	0.068	< 1	0.075	8.1	0.6	< 1	0.038	0.26	1.13	0.11	0.10
118480085	5.7	< 1	80	41.6	75	48	6.1	1.0	< 0.2	1.6	0.2	15.8	0.071	< 1	0.073	14.7	0.6	8	0.038	0.60	1.17	0.17	0.06
118480086	4.7	< 1	120	62.7	76	64	8.4	1.4	0.9	2.7	0.4	15.8	0.041	< 1	0.121	6.5	0.6	3	0.026	0.27	1.17	0.06	0.05
118480087	4.6	< 1	110	56.9	111	45	8.1	1.4	< 0.2	2.3	0.3	13.3	0.147	< 1	0.121	20.8	0.7	1	0.054	0.81	1.85	0.29	0.10
118480088	4.2	< 1	180	23.9	53	35	5.9	1.2	< 0.2	1.5	0.3	15.9	0.065	< 1	0.119	7.2	0.4	< 1	0.024	0.26	2.16	0.13	0.06
118480089	9.2	< 1	90	27.1	45	40	3.7	1.1	< 0.2	1.3	0.2	13.6	0.064	< 1	0.055	13.4	0.3	15	0.038	0.68	0.90	0.11	0.04
118480090	3.0	< 1	40	48.3	84	80	6.7	1.3	0.8	1.9	0.2	14.1	0.062	< 1	0.165	13.1	0.6	< 1	0.042	0.36	1.72	0.11	0.10
118480091	22.9	< 1	60	68.5	131	73	8.6	1.4	1.3	2.7	0.6	15.9	0.069	< 1	0.073	8.3	0.7	< 1	0.037	0.25	1.08	0.10	0.10
118480092	4.1	< 1	500	66.4	125	61	8.6	1.6	0.9	2.5	0.3	15.9	0.104	< 1	0.092	13.3	0.9	< 1	0.044	0.57	1.65	0.17	0.06
118480093	2.4	< 1	< 20	49.7	84	45	6.3	1.3	< 0.2	1.7	0.2	15.6	0.105	< 1	0.075	19.7	0.3	< 1	0.034	0.70	1.17	0.17	0.05
118480094	1.1	< 1	1300	22.3	27	19	1.9	0.4	< 0.2	0.8	< 0.1	14.4	0.010	2	0.043	2.0	0.2	< 1	0.024	0.14	0.59	0.02	< 0.02
118480095	26.2	28	230	84.4	120	93	10.7	2.6	< 0.2	3.0	0.8	13.8	0.036	1	0.192	7.8	0.6	1	0.033	0.25	1.61	0.07	0.07
118480096	19.6	< 1	150	39.9	65	63	4.8	0.9	< 0.2	1.4	0.4	16.0	0.058	< 1	0.072	7.9	0.4	2	0.042	0.39	0.89	0.11	0.04
118480097	15.4	< 1	70	69.2	93	84	10.8	2.5	1.8	2.8	0.6	14.4	0.046	< 1	0.068	17.5	0.8	8	0.052	0.46	1.98	0.19	0.07
118480098	14.2	< 1	240	47.0	82	83	9.0	2.5	1.3	4.8	0.8	15.7	0.070	< 1	0.125	21.7	1.3	6	0.063	0.89	1.73	0.18	1.21
118480099	2.9	< 1	210	39.2	68	33	4.9	0.9	< 0.2	1.7	0.2	13.7	0.059	1	0.058	6.8	0.4	< 1	0.033	0.27	0.83	0.08	0.05
118480100	8.3	< 1	340	134	196	150	15.6	3.0	0.8	3.8	0.6	14.2	0.075	< 1	0.203	14.8	1.0	4	0.047	0.63	1.88	0.25	0.09
118480101	1.4	< 1	140	19.4	34	30	2.7	0.7	< 0.2	1.0	0.2	16.0	0.035	1	0.028	3.4	0.2	< 1	0.022	0.21	0.57	0.04	0.02
118480102	4.1	< 1	120	61.3	109	78	8.2	1.1	1.1	1.4	0.2	15.8	0.024	2	0.044	2.7	0.3	< 1	0.020	0.12	0.78	0.03	0.03
118480103	3.0	< 1	160	39.6	75	47	5.5	0.9	< 0.2	1.5	0.2	14.2	0.057	< 1	0.053	6.8	0.4	1	0.037	0.27	0.87	0.08	0.06
118480104	6.5	< 1	130	45.8	79	60	5.8	1.1	< 0.2	1.8	0.3	13.6	0.060	< 1	0.064	11.5	0.6	2	0.039	0.37	1.20	0.15	0.04
118480105	< 0.1	< 1	< 20	0.3	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.8	< 0.001	< 1	< 0.001	0.1	0.1	< 1	0.011	< 0.01	0.01	< 0.01	< 0.02
118480106	5.3	< 1	90	48.0	82	60	6.4	1.4	< 0.2	1.5	0.3	15.7	0.059	2	0.051	8.8	0.4	< 1	0.041	0.30	0.93	0.10	0.04
118480107	8.7	< 1	40	30.5	25	46	3.9	0.8	0.4	0.9	0.1	15.9	0.013	< 1	0.021	2.2	0.1	1	0.025	0.17	0.29	0.03	0.02
118480108	2.9	< 1	150	43.8	69	46	5.4	0.9	< 0.2	1.5	0.2	15.8	0.036	< 1	0.035	5.7	0.3	< 1	0.028	0.24	0.70	0.07	0.03
118480109	5.8	< 1	140	82.7	145	101	10.7	2.4	0.2	3.5	0.5	15.9	0.116	< 1	0.124	27.0	1.1	3	0.047	1.01	2.46	0.35	0.13
118480110	1.4	< 1	90	12.8	25	24	2.0	0.7	< 0.2	0.7	< 0.1	15.5	0.010	< 1	0.039	1.2	0.1	< 1	0.023	0.10	0.42	0.02	< 0.02
118480111	13.9	< 1	50	47.2	77	59	5.8	1.6	< 0.2	1.8	0.3	15.4	0.056	1	0.080	9.5	0.4	3	0.040	0.46	0.93	0.10	0.04
118480112	27.8	< 1	< 20	81.3	156	111	10.9	2.2	1.5	3.2	0.8	16.0	0.066	< 1	0.068	8.1	0.7	< 1	0.033	0.26	1.03	0.10	0.10
118480113	12.6	< 1	550	22.0	37	24	2.8	0.6	< 0.2	0.8	0.2	15.9	0.016	5	0.027	4.0	0.3	< 1	0.018	0.19	0.38	0.03	0.03
118480114	6.4	< 1	1130	33.6	58	45	4.1	0.9	< 0.2	1.1	0.3	14.1	0.015	6	0.024	3.8	0.4	< 1	0.017	0.14	0.48	0.04	0.03
118480115	6.5	< 1	< 20	49.3	101	40	7.1	1.8	< 0.2	2.7	0.4	15.9	0.131	< 1	0.062	15.8	0.6	2	0.036	0.66	1.22	0.24	0.07
118480116	2.2	< 1	70	50.0	97	45	7.0	1.6	< 0.2	2.2	0.3	15.6	0.064	< 1	0.092	16.9	0.5	2	0.031	0.63	1.49	0.19	0.06
118480117	12.1	27	50	29.0	44	39	3.1	0.7	< 0.2	0.9	0.3	15.7	0.011	< 1	0.113	2.9	0.4	2	0.027	0.10	0.63	0.03	0.04
118480118	0.8	< 1	150	45.9	87	37	5.9	1.2	< 0.2	1.6	0.2	15.6	0.117	< 1	0.161	14.5	0.8	< 1	0.044	0.60	1.55	0.20	0.09
118480119	21.4	< 1	< 20	57.6	113	62	7.3	1.4	0.6	2.2	0.6	15.5	0.065	< 1	0.065	8.1	0.7	< 1	0.034	0.25	1.02	0.10	0.10
118480120	18.6	< 1	130	41.4	67	38	4.7	0.9	< 0.2	1.5	0.3	15.9	0.067	2	0.081	12.2	0.6	5	0.039	0.50	1.19	0.11	0.06
118480121	2.9	< 1	< 20	22.8	43	15	3.4	0.9	< 0.2	1.3	0.2	15.9	0.084	< 1	0.062	8.3	0.3	< 1	0.023	0.48	0.63	0.08	0.04
MRILS.IOS-1													0.066	< 1	0.072	8.5	0.6	< 1	0.033	0.27	1.07	0.10	0.09
MRILS.IOS-2													0.067	< 1	0.072	8.4	0.5	< 1	0.032	0.26	1.07	0.10	0.09
MRILS.IOS-3													0.066	< 1	0.070	8.3	0.7	< 1	0.033	0.25	1.00	0.10	0.09
MRILS.IOS-4													0.067	< 1	0.068	8.5	0.6	< 1	0.032	0.26	1.02	0.10	0.09

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
MRILS.IOS-5													0.067	< 1	0.070	8.5	0.7	< 1	0.034	0.26	1.03	0.10	0.09
MRILS.IOS-6													0.067	< 1	0.075	8.8	0.6	< 1	0.036	0.28	1.13	0.11	0.10

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480000	< 0.01	< 0.1	< 1	2	88	0.14	0.2	1.0	3.88	< 0.1	0.08	< 0.1	0.2	0.1	0.5	0.21	0.1	0.1	0.43	< 0.002	< 0.02	< 0.05	< 0.02
118480001	0.63	2.3	37	30	7950	5.63	12.2	33.0	48.2	117	4.68	0.2	17.0	7.8	29.5	14.5	0.4	0.6	5.48	0.227	< 0.02	0.36	0.11
118480002	0.52	3.5	41	35	332	2.52	13.5	36.6	61.6	157	5.31	0.2	4.7	19.7	23.9	17.2	3.4	1.8	1.66	0.194	0.02	0.40	0.26
118480003	0.44	0.9	17	13	823	5.27	11.7	73.3	33.2	629	1.20	0.1	4.1	3.5	9.9	7.42	0.4	0.6	8.61	0.189	< 0.02	< 0.05	0.31
118480004	0.45	4.8	40	38	513	2.43	13.8	37.1	52.8	236	6.35	0.1	3.9	29.7	19.8	15.1	5.2	2.0	1.19	0.170	0.02	0.60	0.25
118480005	0.98	3.4	27	40	726	8.95	9.7	14.7	24.6	91.9	2.77	0.1	6.4	8.7	26.6	11.0	6.5	1.6	22.2	0.136	< 0.02	0.23	0.65
118480006	0.42	1.0	14	14	220	1.42	5.7	24.1	129	61.9	1.43	0.1	1.5	3.1	15.1	9.40	0.4	0.4	0.49	0.162	< 0.02	< 0.05	0.11
118480007	0.36	2.0	31	30	263	1.65	8.9	17.9	24.2	53.6	3.61	0.1	1.6	11.0	24.4	17.7	1.6	2.1	3.32	0.124	< 0.02	0.47	0.06
118480008	1.12	0.7	10	10	203	1.10	3.0	9.7	20.0	39.0	0.94	< 0.1	3.0	3.3	18.6	3.15	2.2	0.5	0.58	0.065	< 0.02	1.00	0.08
118480009	0.56	0.5	8	8	183	0.51	3.0	11.4	15.6	59.3	0.89	< 0.1	1.0	2.6	19.0	2.82	0.8	0.4	0.65	0.090	< 0.02	0.27	0.09
118480010	0.86	1.0	10	14	111	1.05	4.7	29.7	45.3	67.2	0.97	0.1	0.3	3.3	14.5	4.24	2.2	0.5	4.54	0.066	< 0.02	1.49	0.10
118480011	0.67	2.7	29	26	202	1.66	8.5	27.4	52.7	172	3.55	0.1	15.1	14.9	17.5	11.3	2.5	1.5	1.72	0.165	< 0.02	0.23	0.38
118480012	0.77	3.4	17	24	134	1.15	5.5	31.8	144	51.8	2.33	0.1	20.1	10.1	20.4	7.53	5.8	1.2	1.06	0.097	< 0.02	0.24	0.20
118480013	0.79	1.1	23	14	480	3.54	5.5	21.4	36.6	159	1.33	0.1	3.6	5.7	13.6	4.06	3.0	0.7	4.03	0.197	< 0.02	1.76	0.36
118480014	0.36	1.9	30	29	246	1.58	8.6	16.6	23.0	52.1	3.47	0.1	1.4	10.7	23.8	17.0	1.3	2.0	3.08	0.111	< 0.02	0.46	0.06
118480015	0.70	4.0	36	32	241	2.62	11.3	27.5	115	104	3.90	0.1	2.3	13.3	14.3	10.2	5.8	2.2	1.36	0.178	< 0.02	0.73	0.23
118480016	0.59	0.6	9	11	100	0.47	2.6	11.7	23.8	39.2	1.15	0.1	14.3	2.8	18.2	8.71	0.8	0.5	0.40	0.097	< 0.02	1.53	0.12
118480017	0.46	3.6	34	37	7650	6.32	10.8	20.2	15.1	48.9	3.96	0.1	3.4	12.8	18.5	7.99	5.0	1.1	1.20	0.062	< 0.02	0.32	0.04
118480018	0.69	2.1	20	19	208	0.94	4.0	14.2	33.4	82.8	1.84	0.1	0.6	8.2	18.3	7.71	1.6	0.9	0.53	0.077	< 0.02	< 0.05	0.09
118480019	0.75	2.5	34	33	1090	3.57	10.0	22.7	31.7	96.9	3.39	0.1	24.5	9.2	31.6	12.4	0.7	0.8	3.22	0.187	< 0.02	0.46	0.06
118480020	0.52	3.6	33	31	249	2.35	8.8	25.3	39.7	107	4.40	0.1	46.3	19.1	20.7	8.00	5.5	1.7	1.93	0.165	0.02	7.74	0.31
118480021	0.38	2.1	31	30	257	1.64	8.8	17.4	23.7	53.8	3.67	0.1	1.5	11.0	24.5	17.4	1.7	2.1	3.29	0.111	< 0.02	0.43	0.06
118480022	0.76	3.6	20	24	85	0.78	4.8	19.4	41.2	43.2	2.13	0.1	18.3	8.2	12.6	9.30	3.8	1.5	0.79	0.065	< 0.02	0.12	0.24
118480023	0.70	4.7	46	37	393	3.17	8.9	28.2	91.8	112	4.69	0.1	1.6	15.5	18.6	12.4	4.3	2.2	1.06	0.196	0.02	0.43	0.14
118480024	0.93	0.8	10	12	144	0.82	7.3	26.1	61.8	98.9	1.10	0.1	0.9	3.0	14.5	6.36	1.3	0.6	0.40	0.088	< 0.02	< 0.05	0.08
118480025	0.73	1.7	10	12	110	1.49	3.4	16.9	44.8	58.3	1.02	0.1	0.3	4.1	17.9	5.67	2.9	0.6	1.15	0.072	< 0.02	< 0.05	0.07
118480026	0.48	0.3	5	12	46	0.49	1.9	25.7	31.2	13.9	0.74	< 0.1	0.3	0.7	11.3	2.14	0.6	0.2	0.25	0.039	< 0.02	< 0.05	0.03
118480027	0.62	2.0	16	24	144	1.14	6.4	21.3	32.8	46.1	2.57	0.1	0.6	10.3	18.0	7.73	1.9	0.8	0.61	0.094	< 0.02	0.06	0.06
118480028	1.25	3.8	63	34	2150	3.24	13.5	28.0	35.5	181	5.70	0.1	19.8	17.9	63.4	19.5	0.6	1.0	4.68	0.355	0.04	1.15	1.39
118480029	0.62	5.4	47	38	1200	8.67	29.5	45.9	119	183	5.61	0.1	4.8	18.4	18.2	16.4	2.7	1.8	2.57	0.291	0.02	0.34	0.19
118480030	0.53	2.8	28	29	204	1.62	7.8	27.4	36.0	143	4.34	0.1	5.1	21.1	19.0	9.07	3.5	1.5	0.96	0.155	< 0.02	0.21	0.28
118480031	0.45	2.3	4	12	58	0.53	2.5	31.6	172	44.2	0.43	0.1	2.2	2.0	13.9	10.6	1.3	0.2	0.87	0.130	< 0.02	< 0.05	0.07
118480032	0.52	5.2	43	43	364	2.71	13.8	42.2	69.0	207	6.39	0.1	2.8	30.7	28.8	21.1	4.6	2.0	1.99	0.298	0.02	0.34	0.33
118480033	0.67	5.3	48	47	7160	5.94	14.0	32.6	38.5	99.4	6.52	0.1	70.4	26.5	35.8	10.6	2.4	1.1	2.91	0.101	0.02	0.37	0.19
118480034	0.51	5.3	48	38	623	4.01	13.7	35.5	42.0	176	6.25	0.1	6.7	25.9	19.6	12.7	4.2	1.9	2.15	0.213	0.02	0.42	0.29
118480035	< 0.01	0.1	< 1	3	87	0.15	0.2	1.0	3.79	0.1	0.09	< 0.1	< 0.1	0.1	0.5	0.24	0.1	0.1	0.41	< 0.002	< 0.02	< 0.05	< 0.02
118480036	0.60	3.3	19	21	185	1.45	5.3	20.3	42.4	71.1	2.77	0.1	11.0	15.2	17.4	7.93	9.2	1.0	3.04	0.099	< 0.02	0.07	0.20
118480037	0.62	3.5	30	33	205	1.93	8.0	21.7	30.6	71.8	3.71	0.1	16.2	16.1	19.3	8.43	9.9	1.7	1.53	0.068	< 0.02	0.22	0.16
118480038	0.20	2.0	31	40	143	1.29	5.5	27.5	35.6	57.7	4.49	0.1	1.5	14.8	14.4	11.4	3.3	1.5	0.69	0.219	0.02	0.25	0.10
118480039	1.00	4.8	26	33	338	2.58	8.5	32.4	65.0	110	4.77	0.1	3.9	24.8	27.9	12.2	11.0	1.9	2.13	0.168	0.02	0.26	0.33
118480040	0.58	3.7	34	45	175	1.94	7.7	26.2	29.1	47.0	3.09	0.1	2.6	10.6	17.1	8.30	7.4	1.8	0.97	0.068	< 0.02	0.13	0.02
118480041	0.46	2.5	31	33	533	2.91	10.8	18.5	28.9	76.5	3.48	0.1	2.8	9.9	19.8	12.3	0.4	0.7	4.08	0.136	< 0.02	0.11	0.06

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480042	0.37	2.2	31	30	244	1.61	8.9	17.1	23.5	54.8	3.62	0.1	1.5	11.2	25.0	18.0	2.0	2.1	3.29	0.118	< 0.02	0.44	0.05
118480043	0.81	3.9	40	28	554	2.71	17.3	33.2	32.7	151	3.26	0.1	1.3	8.3	44.8	10.6	3.5	1.9	1.21	0.097	< 0.02	0.11	0.02
118480044	0.54	0.3	9	19	273	1.15	4.1	26.5	132	56.9	0.65	0.1	4.4	2.0	70.8	6.40	0.3	0.2	3.47	0.174	< 0.02	< 0.05	0.09
118480045	0.62	3.0	30	26	243	2.05	5.7	12.5	15.9	69.2	3.38	0.1	2.0	13.2	16.9	8.28	4.6	2.0	0.87	0.066	< 0.02	0.26	0.12
118480046	0.53	4.6	43	33	4270	9.86	15.0	26.3	64.8	162	5.52	0.1	7.6	19.4	24.6	16.1	2.1	1.2	2.46	0.259	0.02	0.47	0.19
118480047	0.52	2.5	27	26	331	2.36	10.9	21.4	42.5	134	2.71	0.1	36.4	10.5	16.2	14.5	1.9	1.2	2.56	0.204	< 0.02	0.09	0.26
118480048	0.47	1.8	22	27	237	1.31	6.9	18.8	23.2	95.0	2.60	0.1	1.1	8.2	18.5	12.8	0.6	0.7	0.95	0.062	< 0.02	0.28	0.05
118480049	0.36	2.0	29	28	238	1.56	8.4	16.5	22.8	53.1	3.44	0.1	1.2	10.9	24.5	17.5	1.6	2.1	3.37	0.125	< 0.02	0.44	0.05
118480050	0.69	2.5	19	21	125	2.35	4.6	23.5	30.5	112	2.32	0.1	1.0	9.2	16.0	6.45	7.7	1.3	1.07	0.083	< 0.02	0.10	0.05
118480051	0.68	0.9	14	29	93	0.86	14.2	47.2	176	151	1.91	0.2	2.8	5.7	15.7	24.8	0.9	0.8	1.21	0.252	< 0.02	< 0.05	0.21
118480052	0.97	0.9	16	19	187	0.90	6.9	27.5	106	73.1	1.57	0.1	0.7	4.7	13.5	8.34	1.3	0.9	0.87	0.124	< 0.02	< 0.05	0.12
118480053	0.46	3.0	31	38	777	3.14	20.9	60.8	22.3	208	3.34	0.1	1.8	7.1	14.5	12.6	2.0	1.3	1.15	0.066	< 0.02	0.31	0.05
118480054	0.50	4.6	32	35	1700	7.78	104	74.3	86.7	430	3.90	0.1	28.1	13.5	21.1	22.4	0.8	1.0	4.41	0.323	0.03	0.14	0.24
118480055	0.72	1.0	32	29	822	1.59	15.1	26.0	119	102	1.73	0.1	32.6	4.2	18.7	12.4	0.2	0.4	5.74	0.212	< 0.02	0.34	0.25
118480056	0.36	2.0	29	28	232	1.51	8.2	16.1	22.7	52.5	3.69	0.1	1.7	11.1	24.6	17.7	1.5	2.1	3.30	0.115	< 0.02	0.41	0.05
118480057	0.85	2.1	24	24	351	2.25	7.6	24.8	36.9	101	2.26	0.1	1.1	7.3	18.9	8.56	1.7	1.3	3.66	0.090	< 0.02	0.10	0.08
118480058	0.55	4.7	45	34	563	3.58	13.0	26.3	48.5	114	5.30	0.1	4.2	20.7	20.9	12.6	3.9	2.0	1.10	0.172	0.02	0.46	0.22
118480059	0.77	1.8	25	25	245	1.95	17.3	32.7	327	96.4	2.64	0.1	33.2	8.9	11.3	16.3	0.8	1.2	1.25	0.301	< 0.02	< 0.05	0.35
118480060	0.77	4.7	42	57	254	2.17	11.9	36.3	29.7	83.4	3.74	0.1	0.4	12.9	31.9	9.73	6.2	2.2	0.91	0.071	< 0.02	0.14	0.02
118480061	0.38	0.8	9	14	176	0.73	3.2	13.2	19.9	39.5	0.86	< 0.1	0.5	3.2	21.1	5.83	0.5	0.4	1.57	0.062	< 0.02	< 0.05	0.04
118480062	0.47	4.1	37	36	1060	3.68	10.1	32.6	27.5	93.8	5.47	0.1	6.1	18.9	20.4	9.89	3.8	1.2	1.05	0.085	< 0.02	0.26	0.09
118480063	0.36	2.2	29	28	234	1.54	8.6	16.4	22.9	52.7	3.50	0.1	1.5	11.0	24.4	17.9	1.7	2.1	3.30	0.120	< 0.02	0.43	0.04
118480064	0.57	3.8	27	28	281	2.29	18.4	42.4	69.5	275	3.49	0.1	3.6	14.3	20.7	18.8	3.3	1.6	1.63	0.168	0.02	0.21	0.31
118480065	0.51	1.8	24	28	339	1.45	7.1	19.2	24.0	64.4	3.61	0.1	0.9	13.0	23.6	8.90	0.9	1.0	1.68	0.115	< 0.02	0.13	0.08
118480066	0.59	3.8	23	27	209	1.59	7.3	24.8	34.1	101	3.51	0.1	7.0	17.9	22.3	12.8	9.1	1.5	1.12	0.113	< 0.02	0.20	0.18
118480067	0.65	3.5	35	47	735	2.89	8.3	26.4	37.8	55.2	4.58	0.1	5.0	16.4	25.9	7.39	3.7	1.7	1.03	0.069	< 0.02	0.18	0.10
118480068	0.72	3.7	26	33	268	1.92	30.8	213	885	174	3.95	0.1	3.8	24.6	15.6	20.5	2.6	1.3	0.83	0.429	< 0.02	0.11	0.38
118480069	0.41	4.1	38	37	316	2.48	17.0	40.9	61.5	165	5.48	0.1	2.9	23.1	19.3	15.3	4.5	1.9	1.31	0.221	0.02	0.32	0.27
118480070	< 0.01	< 0.1	< 1	3	81	0.14	0.2	0.9	3.59	< 0.1	0.06	< 0.1	< 0.1	0.1	< 0.5	0.22	0.1	0.1	0.39	< 0.002	< 0.02	< 0.05	< 0.02
118480071	0.42	2.7	30	34	164	1.96	5.4	17.1	23.7	50.1	2.62	0.1	2.2	6.2	15.6	10.0	2.7	1.3	2.15	0.055	< 0.02	0.11	0.08
118480072	0.62	1.8	35	40	455	1.93	11.1	34.9	186	119	4.11	0.2	3.2	8.7	18.0	17.3	0.8	1.1	2.41	0.391	< 0.02	0.09	0.13
118480073	1.01	4.6	37	36	635	3.70	10.0	28.6	51.3	122	4.72	0.1	14.3	22.5	68.3	11.3	6.8	2.0	4.85	0.165	0.02	0.24	0.13
118480074	0.45	3.0	27	25	230	2.02	5.4	13.5	11.2	43.4	3.26	0.1	3.8	12.2	13.9	7.47	8.1	1.8	0.68	0.054	< 0.02	0.20	0.09
118480075	0.63	3.8	28	29	243	2.20	14.4	53.1	57.1	313	3.83	0.1	1.4	19.2	19.7	15.8	2.7	1.5	0.81	0.127	< 0.02	0.20	0.18
118480076	0.72	5.3	49	39	328	3.04	10.0	24.6	46.9	128	5.57	0.1	4.6	22.4	23.7	13.9	5.1	2.4	1.80	0.221	0.02	0.49	0.20
118480077	0.36	2.2	30	30	241	1.58	8.9	16.7	23.4	53.8	3.46	0.1	1.4	11.1	24.9	18.0	1.5	2.1	3.32	0.123	< 0.02	0.43	0.06
118480078	0.59	1.6	38	22	1510	22.1	40.2	105	45.5	1180	1.42	0.2	14.8	3.8	11.7	12.6	2.3	0.5	32.1	0.387	< 0.02	< 0.05	0.58
118480079	0.40	1.9	18	25	250	1.17	6.9	28.4	59.3	92.6	2.19	0.1	2.3	9.8	15.9	11.8	0.8	0.8	0.75	0.099	< 0.02	< 0.05	0.08
118480080	0.37	2.8	22	22	104	1.23	41.0	76.2	263	78.5	2.35	0.1	1.4	9.1	20.6	18.5	2.4	1.1	0.56	0.156	< 0.02	0.16	0.16
118480081	0.58	5.0	44	37	207	2.38	11.3	45.3	39.4	188	4.65	0.1	3.1	15.2	22.4	15.9	6.9	2.5	1.61	0.096	0.02	0.45	0.22
118480082	0.76	5.7	40	37	232	2.00	9.2	27.5	37.2	128	5.84	0.1	20.5	26.5	27.4	12.8	13.7	2.7	0.72	0.112	0.02	0.36	0.17
118480083	0.69	2.3	23	27	643	2.19	9.0	28.7	62.1	117	3.18	0.1	10.0	18.6	14.9	11.6	2.5	1.0	1.45	0.174	< 0.02	0.08	0.11

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480084	0.37	2.0	30	30	230	1.49	8.4	16.3	22.8	53.1	3.43	0.1	1.5	11.0	24.7	17.9	1.4	2.1	3.23	0.118	< 0.02	0.42	0.06
118480085	0.60	3.8	36	36	326	2.92	8.6	24.0	41.4	91.9	3.76	0.1	20.6	16.4	22.1	9.87	5.4	1.5	1.76	0.099	< 0.02	0.18	0.16
118480086	1.40	4.1	26	30	440	3.89	26.8	104	622	131	2.52	0.1	224	7.3	20.0	17.5	2.5	1.3	1.76	0.270	< 0.02	< 0.05	0.68
118480087	0.43	5.6	54	45	523	4.22	13.7	28.4	44.7	128	7.43	0.1	6.7	31.0	20.4	11.9	3.6	2.1	2.63	0.182	0.02	0.48	0.26
118480088	0.08	10.5	29	42	68	15.8	8.6	29.4	132	161	5.08	0.1	8.1	12.6	4.7	6.86	2.4	1.4	1.52	0.378	0.06	0.17	0.49
118480089	0.92	2.3	21	25	234	1.31	6.0	16.2	27.2	89.3	2.98	0.1	9.1	13.9	18.7	6.67	3.8	1.4	2.49	0.091	< 0.02	0.10	0.30
118480090	0.43	2.2	31	37	228	1.53	5.4	16.5	41.6	63.3	4.56	0.1	1.1	10.7	18.7	11.8	1.1	1.3	1.14	0.265	< 0.02	0.25	0.06
118480091	0.36	2.1	31	30	230	1.51	8.5	16.4	22.6	60.0	3.51	0.1	1.4	11.0	24.5	17.7	1.6	2.0	3.22	0.115	< 0.02	0.47	0.06
118480092	0.52	4.2	39	32	315	2.58	18.1	58.0	44.1	320	4.38	0.1	20.2	16.0	20.2	17.2	3.5	1.7	2.17	0.110	0.03	0.29	0.20
118480093	0.41	4.3	33	44	250	2.33	9.2	21.8	17.1	55.7	4.81	0.1	1.7	17.6	19.8	9.04	8.5	1.7	0.58	0.062	0.02	0.28	0.03
118480094	0.75	0.4	10	9	138	1.16	22.7	130	35.3	923	0.72	< 0.1	0.7	1.3	14.6	9.18	0.4	0.2	1.80	0.198	< 0.02	< 0.05	0.11
118480095	0.64	3.3	42	44	1300	6.48	24.8	51.9	172	205	2.71	0.1	25.1	6.3	30.1	21.1	0.5	0.9	21.3	0.271	< 0.02	0.07	0.23
118480096	0.85	2.4	25	26	292	1.25	6.3	23.2	63.4	152	2.68	0.1	1.6	10.9	21.5	9.65	2.2	1.4	1.74	0.111	< 0.02	0.11	0.18
118480097	1.25	5.7	38	45	781	2.32	21.7	38.6	158	128	4.03	0.1	15.2	15.7	40.4	20.4	2.6	1.1	6.05	0.224	0.02	0.17	0.52
118480098	1.32	3.9	71	38	2020	3.14	13.3	27.1	35.7	182	6.19	0.1	20.6	19.6	66.6	20.3	0.8	1.5	5.09	0.371	0.04	1.39	1.96
118480099	1.19	2.3	26	21	222	1.60	8.5	26.2	58.7	117	2.60	0.1	2.2	8.0	20.5	9.36	4.3	1.6	0.69	0.134	< 0.02	0.17	0.21
118480100	0.57	4.4	36	39	466	3.50	22.5	45.9	78.4	211	5.04	0.2	32.1	21.4	34.0	20.8	2.6	1.4	3.79	0.310	0.02	0.28	0.31
118480101	0.68	2.2	21	19	206	2.05	8.0	39.0	54.2	98.2	1.37	< 0.1	0.6	3.9	10.3	5.49	2.4	0.7	1.40	0.082	< 0.02	< 0.05	0.10
118480102	0.43	1.7	21	16	167	5.18	12.8	36.9	37.7	101	0.97	0.1	0.5	2.7	14.7	11.4	0.5	0.6	4.78	0.134	< 0.02	< 0.05	0.07
118480103	0.84	2.2	23	22	158	1.60	8.4	23.7	44.8	94.4	2.43	0.1	1.5	8.3	19.9	8.97	3.6	1.6	0.74	0.129	< 0.02	0.14	0.21
118480104	0.57	2.5	26	27	277	1.48	7.3	20.2	37.2	91.0	3.21	0.1	1.8	13.8	24.8	9.04	2.9	1.4	1.99	0.113	< 0.02	0.13	0.29
118480105	< 0.01	0.1	< 1	3	79	0.13	0.2	0.8	3.40	< 0.1	0.06	< 0.1	< 0.1	0.1	< 0.5	0.25	0.1	0.1	0.40	< 0.002	< 0.02	< 0.05	< 0.02
118480106	0.89	2.0	21	22	132	1.95	9.6	26.4	44.4	103	2.60	0.1	1.8	9.5	24.6	9.34	3.0	1.5	0.84	0.149	< 0.02	0.09	0.26
118480107	0.63	0.9	7	12	37	0.36	2.1	20.9	56.3	34.5	0.60	0.1	0.9	2.9	12.0	5.82	2.6	0.3	4.91	0.081	< 0.02	< 0.05	0.09
118480108	0.64	1.6	16	16	124	1.34	6.2	22.1	44.0	97.8	1.78	0.1	0.6	7.0	14.4	8.43	1.5	0.9	0.83	0.082	< 0.02	< 0.05	0.12
118480109	0.54	5.5	50	49	3100	4.78	22.1	40.6	76.3	174	7.61	0.1	50.7	31.4	24.6	18.3	1.6	1.0	2.39	0.261	0.02	0.47	0.24
118480110	0.75	0.3	9	12	204	0.75	5.1	14.6	16.8	64.3	0.70	< 0.1	2.3	1.6	13.1	3.29	0.4	0.5	0.78	0.056	< 0.02	< 0.05	0.08
118480111	0.93	2.7	21	26	324	1.93	8.1	20.8	97.5	71.4	2.50	0.1	3.9	10.5	30.9	9.25	3.0	1.3	5.07	0.170	< 0.02	0.07	0.25
118480112	0.33	1.8	28	27	209	1.39	8.4	16.0	22.5	52.0	3.38	0.1	1.2	10.8	24.1	17.3	1.4	2.1	3.17	0.115	< 0.02	0.41	0.05
118480113	0.67	1.0	14	8	221	4.43	7.5	46.7	50.7	323	0.81	0.1	2.4	2.7	11.6	4.47	5.6	0.4	11.0	0.386	< 0.02	< 0.05	0.28
118480114	0.32	0.9	10	8	653	5.79	11.9	83.8	48.3	615	0.70	0.1	1.3	3.2	9.6	6.81	1.6	0.3	3.17	0.213	< 0.02	< 0.05	0.14
118480115	0.55	4.6	42	35	239	2.24	9.6	26.4	36.6	101	5.15	0.1	12.0	19.6	23.9	11.0	11.0	2.5	1.74	0.099	0.02	0.40	0.37
118480116	0.53	2.6	39	54	425	2.29	8.0	31.4	43.9	59.0	5.00	0.1	4.4	18.7	21.5	9.89	2.5	1.7	1.23	0.112	< 0.02	0.23	0.11
118480117	0.44	0.8	25	20	224	2.37	4.9	10.6	30.4	67.3	1.20	0.1	5.4	2.6	23.3	9.08	0.2	0.5	8.93	0.100	< 0.02	< 0.05	0.10
118480118	0.56	4.4	44	36	4840	5.00	18.3	30.1	59.0	152	5.10	0.1	7.8	19.9	21.6	13.3	2.6	1.5	1.44	0.182	0.02	0.41	0.18
118480119	0.33	2.0	28	27	214	1.41	8.2	15.6	21.7	51.2	3.24	0.1	1.5	10.5	23.7	17.0	1.4	1.9	3.08	0.108	< 0.02	0.41	0.04
118480120	1.24	3.6	27	33	752	2.82	9.8	18.9	32.6	125	2.89	0.1	3.3	10.7	30.3	12.1	3.6	1.7	5.30	0.156	< 0.02	0.18	0.38
118480121	0.54	2.6	25	21	256	1.74	5.5	13.5	19.0	55.0	2.35	0.1	0.9	8.7	13.2	7.20	7.9	2.0	0.82	0.057	< 0.02	0.19	0.07
MRILS.IOS-1	1.14	1.9	29	29	234	1.36	8.1	16.0	22.6	52.2	3.56	0.1	1.4	10.8	36.2	17.3	1.4	2.0	3.21	0.113	< 0.02	0.47	0.05
MRILS.IOS-2	0.36	2.1	28	28	219	1.40	8.2	15.7	23.2	52.4	3.44	0.1	1.3	11.0	23.9	17.1	1.7	2.0	3.11	0.106	< 0.02	0.48	0.04
MRILS.IOS-3	0.34	2.0	29	28	224	1.37	8.3	16.0	22.6	51.8	3.57	0.1	1.4	10.7	23.6	16.8	1.3	2.0	3.09	0.108	< 0.02	0.39	0.05
MRILS.IOS-4	0.34	2.0	28	28	213	1.39	8.2	15.6	22.0	51.7	3.32	0.1	1.4	10.6	23.4	16.6	1.4	2.0	3.12	0.111	< 0.02	0.56	0.04

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
MRILS.IOS-5	0.35	1.9	29	28	227	1.40	8.1	15.9	22.0	51.3	3.35	0.1	1.5	10.7	23.9	16.9	1.6	2.1	3.17	0.115	< 0.02	0.50	0.05
MRILS.IOS-6	0.37	2.0	29	28	217	1.43	8.7	16.7	22.5	52.6	3.50	0.1	1.5	10.9	24.7	17.4	1.5	2.1	3.34	0.114	< 0.02	0.42	0.05

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480000	< 0.02	< 0.02	1.2	< 0.5	0.17	< 0.01	< 0.1	0.10	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480001	0.04	0.70	445	52.5	82.6	0.47	13.8	44.8	6.6	1.9	1.3	4.9	0.6	2.8	0.5	1.3	0.2	1.1	0.2	< 0.1	< 0.05	12.0	0.001
118480002	0.03	1.20	67.8	55.5	72.5	0.63	16.0	54.1	8.3	1.4	1.6	5.9	0.7	3.1	0.5	1.5	0.2	1.3	0.2	0.1	< 0.05	0.1	0.001
118480003	< 0.02	0.40	< 0.5	14.6	21.9	1.72	3.5	11.4	1.9	2.9	0.4	1.7	0.2	1.2	0.2	0.6	0.1	0.6	0.1	< 0.1	< 0.05	0.5	0.008
118480004	0.03	1.60	87.2	35.9	52.8	1.05	9.5	31.6	4.9	1.3	0.9	3.9	0.5	2.6	0.5	1.4	0.2	1.2	0.2	0.1	< 0.05	0.1	0.002
118480005	0.02	0.50	< 0.5	27.8	42.0	0.34	6.9	22.0	3.4	4.0	0.7	2.8	0.4	2.0	0.4	1.0	0.1	0.8	0.1	0.1	< 0.05	0.4	0.014
118480006	0.03	0.30	48.6	16.3	25.0	0.39	4.6	16.2	2.8	1.5	0.6	2.5	0.3	1.8	0.3	0.9	0.1	0.7	0.1	< 0.1	< 0.05	< 0.1	0.001
118480007	< 0.02	0.90	65.0	43.9	72.2	0.27	11.8	39.2	6.2	1.4	0.9	5.0	0.6	3.5	0.6	1.8	0.2	1.4	0.2	< 0.1	< 0.05	0.9	0.001
118480008	0.02	0.20	22.8	7.9	12.9	0.33	1.9	6.06	0.9	0.7	0.2	0.8	0.1	0.5	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	0.002
118480009	0.03	0.20	33.5	6.2	10.5	0.38	1.5	5.09	0.8	0.8	0.2	0.7	0.1	0.5	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.1	0.001
118480010	< 0.02	0.30	9.3	10.0	14.9	0.28	2.4	8.15	1.3	1.4	0.3	1.1	0.1	0.8	0.1	0.4	0.1	0.3	0.1	< 0.1	< 0.05	0.3	0.006
118480011	0.02	0.90	70.5	25.9	33.4	0.71	6.7	21.9	3.4	1.4	0.7	2.8	0.4	2.0	0.4	1.1	0.2	1.0	0.2	0.1	< 0.05	0.1	0.002
118480012	0.02	0.60	33.1	17.3	21.6	0.26	4.4	14.6	2.3	1.7	0.5	2.0	0.2	1.4	0.2	0.7	0.1	0.6	0.1	0.1	< 0.05	0.1	0.001
118480013	0.05	0.60	1.7	8.2	13.2	0.94	2.1	7.08	1.1	1.5	0.2	1.0	0.1	0.7	0.1	0.4	0.1	0.4	0.1	0.1	< 0.05	0.3	0.007
118480014	< 0.02	0.90	65.0	42.2	68.1	0.31	11.3	37.2	5.8	1.1	0.8	4.8	0.6	3.3	0.6	1.7	0.2	1.4	0.2	< 0.1	< 0.05	0.7	0.001
118480015	0.02	0.90	42.8	23.2	33.2	0.36	6.0	19.8	3.2	1.5	0.6	2.6	0.3	1.8	0.3	1.0	0.1	0.9	0.2	0.1	< 0.05	0.2	0.002
118480016	0.02	0.30	32.5	19.0	29.7	0.47	4.9	16.9	2.8	1.1	0.6	2.5	0.3	1.7	0.3	0.9	0.1	0.8	0.1	< 0.1	< 0.05	0.1	< 0.001
118480017	0.04	0.80	246	23.4	39.3	0.16	6.1	20.0	3.1	0.7	0.5	2.5	0.3	1.6	0.3	0.8	0.1	0.7	0.1	0.1	< 0.05	0.9	< 0.001
118480018	0.04	0.50	63.9	18.7	24.9	0.37	4.5	14.9	2.4	1.0	0.5	2.0	0.3	1.4	0.2	0.7	0.1	0.6	0.1	< 0.1	< 0.05	0.2	0.001
118480019	< 0.02	0.70	14.8	32.6	50.0	0.40	8.5	27.7	4.2	1.3	0.8	3.5	0.4	2.3	0.4	1.1	0.2	0.9	0.1	< 0.1	< 0.05	3.0	0.007
118480020	0.03	1.10	59.7	20.1	30.6	0.34	5.1	16.5	2.6	1.3	0.5	2.1	0.3	1.5	0.3	0.8	0.1	0.7	0.1	0.1	< 0.05	0.4	0.001
118480021	< 0.02	0.90	63.9	42.6	69.9	0.30	11.5	38.1	6.0	1.2	0.8	4.9	0.6	3.4	0.6	1.7	0.2	1.4	0.2	< 0.1	< 0.05	0.6	< 0.001
118480022	0.02	0.50	24.6	22.7	26.6	0.22	6.0	20.2	3.1	1.4	0.6	2.5	0.3	1.7	0.3	0.8	0.1	0.7	0.1	0.1	< 0.05	0.2	0.001
118480023	0.02	0.80	71.3	28.2	43.2	0.42	7.5	25.0	4.0	1.4	0.8	3.2	0.4	2.2	0.4	1.2	0.2	1.1	0.2	0.1	< 0.05	0.2	0.001
118480024	0.02	0.30	18.8	12.7	18.2	0.75	3.2	10.3	1.7	1.5	0.4	1.5	0.2	1.1	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	0.1	< 0.001
118480025	< 0.02	0.30	8.1	13.5	16.6	0.29	3.3	10.8	1.7	1.1	0.3	1.4	0.2	0.9	0.2	0.5	0.1	0.4	0.1	0.1	< 0.05	0.1	0.003
118480026	0.03	0.10	39.5	3.9	6.99	0.18	1.0	3.40	0.6	1.1	0.1	0.5	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001
118480027	0.04	0.60	23.9	18.9	26.4	0.17	4.8	16.5	2.8	1.0	0.5	2.4	0.3	1.5	0.3	0.7	0.1	0.6	0.1	< 0.1	< 0.05	< 0.1	0.002
118480028	0.08	2.60	70.4	21.7	32.4	0.94	6.2	22.0	4.2	1.9	0.9	4.2	0.6	3.3	0.6	1.9	0.3	1.6	0.3	< 0.1	< 0.05	0.4	0.001
118480029	0.04	1.10	167	37.5	53.7	0.75	9.9	32.8	5.1	2.2	0.9	4.1	0.5	2.8	0.5	1.6	0.2	1.4	0.2	0.1	< 0.05	0.1	< 0.001
118480030	0.04	1.10	60.5	22.2	33.1	0.54	5.6	18.5	2.8	1.2	0.5	2.3	0.3	1.6	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.2	0.002
118480031	< 0.02	0.20	23.5	17.5	10.8	0.39	4.6	16.8	2.7	2.5	0.6	2.5	0.3	1.6	0.3	0.9	0.1	0.8	0.1	< 0.1	< 0.05	0.1	0.003
118480032	0.05	1.70	144	49.7	72.0	0.95	13.8	46.4	7.1	1.8	1.3	5.8	0.7	3.7	0.7	2.0	0.3	1.7	0.3	0.1	< 0.05	0.2	0.003
118480033	0.03	1.50	318	28.3	46.5	0.31	7.2	23.9	3.9	1.1	0.7	3.1	0.4	2.0	0.4	1.0	0.1	0.8	0.1	< 0.1	< 0.05	0.4	< 0.001
118480034	0.02	1.40	131	32.8	54.3	0.75	8.6	28.1	4.4	1.3	0.8	3.5	0.4	2.3	0.4	1.2	0.2	1.1	0.2	0.1	< 0.05	0.3	0.001
118480035	0.02	< 0.02	1.4	< 0.5	0.16	< 0.01	< 0.1	0.11	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480036	0.05	1.10	18.6	19.0	19.5	0.27	5.0	17.0	2.6	2.5	0.5	2.1	0.2	1.3	0.2	0.7	0.1	0.6	0.1	0.2	< 0.05	0.2	0.010
118480037	< 0.02	0.80	45.9	19.8	29.7	0.13	5.1	16.9	2.8	0.9	0.5	2.2	0.3	1.5	0.3	0.8	0.1	0.7	0.1	0.2	< 0.05	0.2	0.003
118480038	0.04	0.80	60.2	27.0	47.7	0.29	7.2	24.0	4.1	1.2	0.8	3.4	0.4	2.3	0.4	1.1	0.1	0.9	0.1	0.1	< 0.05	0.4	< 0.001
118480039	< 0.02	2.20	5.6	26.1	31.8	0.33	6.9	23.3	3.7	1.8	0.8	3.1	0.4	2.1	0.4	1.1	0.2	0.9	0.2	0.2	< 0.05	0.1	0.007
118480040	< 0.02	0.80	68.6	17.9	29.4	0.14	4.7	16.2	2.8	0.9	0.5	2.4	0.3	1.6	0.3	0.8	0.1	0.6	0.1	0.2	< 0.05	0.1	0.001
118480041	0.02	0.80	151	31.3	51.3	0.26	8.2	26.7	4.1	1.7	0.8	3.4	0.4	2.2	0.4	1.1	0.2	0.9	0.1	< 0.1	< 0.05	0.6	0.002

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480042	0.02	1.00	67.0	44.8	72.8	0.30	11.9	40.2	6.4	1.3	0.9	5.2	0.7	3.5	0.6	1.8	0.2	1.4	0.2	0.1	< 0.05	0.6	< 0.001
118480043	< 0.02	0.70	8.9	35.4	54.0	0.50	9.1	29.5	4.3	0.8	0.7	3.5	0.4	2.0	0.3	1.0	0.1	0.8	0.1	0.1	< 0.05	0.1	0.001
118480044	0.04	0.20	15.6	11.1	12.5	0.58	2.9	10.1	1.7	3.8	0.4	1.5	0.2	1.0	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	0.2	0.003
118480045	0.04	0.70	48.5	20.4	34.1	0.21	5.2	17.3	2.9	1.2	0.6	2.3	0.3	1.5	0.3	0.8	0.1	0.7	0.1	0.1	< 0.05	0.1	< 0.001
118480046	0.04	1.10	145	41.5	68.6	0.77	10.9	36.0	5.4	1.8	1.0	4.4	0.5	2.8	0.5	1.5	0.2	1.3	0.2	< 0.1	< 0.05	0.1	0.001
118480047	0.04	0.80	34.2	34.7	47.2	0.66	9.2	30.8	4.8	1.9	1.0	3.9	0.5	2.5	0.5	1.4	0.2	1.3	0.2	< 0.1	< 0.05	0.1	< 0.001
118480048	< 0.02	1.00	82.9	32.5	39.9	0.26	8.4	28.1	4.3	1.5	0.8	3.5	0.4	2.2	0.4	1.1	0.2	0.9	0.1	< 0.1	< 0.05	0.4	0.001
118480049	< 0.02	1.00	64.0	44.2	72.0	0.29	11.7	38.9	6.1	1.2	0.9	5.1	0.6	3.4	0.6	1.7	0.2	1.4	0.2	< 0.1	< 0.05	0.6	0.001
118480050	< 0.02	0.70	4.9	16.6	23.4	0.43	4.2	14.2	2.3	1.8	0.5	1.9	0.2	1.2	0.2	0.6	0.1	0.5	0.1	0.2	< 0.05	0.1	0.004
118480051	0.06	0.70	29.7	56.3	87.8	0.71	15.8	55.9	9.4	2.5	1.9	8.0	0.9	4.5	0.8	2.2	0.3	1.8	0.3	< 0.1	< 0.05	< 0.1	0.001
118480052	< 0.02	0.50	36.4	16.8	22.5	0.40	4.3	14.4	2.4	1.9	0.5	2.0	0.3	1.4	0.3	0.8	0.1	0.7	0.1	< 0.1	< 0.05	0.1	0.002
118480053	< 0.02	0.60	38.9	36.2	45.7	0.59	7.8	25.1	3.8	0.7	0.8	3.2	0.4	2.0	0.4	1.0	0.1	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001
118480054	0.07	0.80	120	54.4	85.3	1.81	13.7	44.8	6.8	2.6	1.4	5.8	0.7	3.9	0.7	2.0	0.3	1.8	0.3	< 0.1	< 0.05	0.1	0.001
118480055	< 0.02	0.50	28.4	24.6	30.1	0.73	6.5	23.0	4.1	2.8	0.9	3.5	0.4	2.2	0.4	1.1	0.2	0.9	0.2	< 0.1	< 0.05	0.3	0.010
118480056	0.03	0.90	63.3	42.6	69.4	0.31	11.3	37.5	5.9	1.4	0.8	4.8	0.6	3.3	0.6	1.6	0.2	1.4	0.2	< 0.1	< 0.05	0.6	0.001
118480057	0.03	0.50	4.5	19.0	30.9	0.42	4.9	16.5	2.7	1.2	0.5	2.3	0.3	1.6	0.3	0.8	0.1	0.7	0.1	< 0.1	< 0.05	0.2	0.007
118480058	0.03	1.00	82.8	33.2	56.5	0.57	8.6	28.2	4.4	1.1	0.9	3.6	0.4	2.3	0.4	1.1	0.2	1.0	0.2	0.1	< 0.05	0.1	0.001
118480059	0.06	0.70	28.6	37.1	41.5	0.51	9.9	32.5	4.8	2.7	1.0	3.8	0.5	2.7	0.5	1.4	0.2	1.3	0.2	< 0.1	< 0.05	0.1	0.001
118480060	< 0.02	0.80	43.8	26.6	39.5	0.19	6.6	22.0	3.5	1.0	0.6	2.8	0.4	1.9	0.3	0.9	0.1	0.7	0.1	0.1	< 0.05	0.1	0.001
118480061	< 0.02	0.20	30.5	12.8	14.6	0.15	3.0	10.1	1.7	0.9	0.3	1.3	0.2	1.0	0.2	0.5	0.1	0.4	0.1	< 0.1	< 0.05	1.0	0.003
118480062	0.05	1.10	226	26.8	41.9	0.30	6.8	22.6	3.6	0.9	0.7	2.9	0.3	1.8	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.2	0.001
118480063	0.03	1.00	65.5	45.0	72.8	0.27	11.8	39.4	6.3	1.2	0.9	5.2	0.7	3.5	0.6	1.7	0.2	1.4	0.2	< 0.1	< 0.05	0.6	0.001
118480064	0.02	0.80	14.1	47.9	59.1	1.31	11.9	39.8	6.2	1.6	1.2	5.3	0.6	3.2	0.6	1.7	0.2	1.4	0.2	0.1	< 0.05	0.3	0.004
118480065	0.04	1.00	79.8	24.5	39.7	0.23	6.3	21.1	3.3	0.9	0.7	2.7	0.3	1.7	0.3	0.8	0.1	0.7	0.1	< 0.1	< 0.05	0.3	< 0.001
118480066	0.03	1.10	24.6	39.8	46.4	0.29	10.4	35.6	5.4	1.1	1.1	4.2	0.5	2.4	0.4	1.2	0.2	1.0	0.2	0.2	< 0.05	0.1	0.002
118480067	0.05	1.10	115	18.8	31.3	0.13	4.9	16.2	2.7	1.1	0.5	2.3	0.3	1.4	0.2	0.7	0.1	0.6	0.1	0.1	< 0.05	0.1	< 0.001
118480068	0.04	1.80	14.8	46.1	50.3	0.88	12.5	42.3	6.8	3.4	1.5	5.7	0.7	3.5	0.6	1.8	0.3	1.7	0.3	< 0.1	< 0.05	0.1	0.004
118480069	0.06	1.40	78.0	36.8	56.3	0.64	10.2	34.5	5.4	1.4	1.0	4.4	0.5	2.9	0.5	1.5	0.2	1.3	0.2	0.1	< 0.05	0.1	0.002
118480070	0.02	< 0.02	1.3	< 0.5	0.18	< 0.01	< 0.1	0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480071	0.05	0.50	44.8	26.6	38.6	0.17	6.9	23.0	3.6	1.4	0.7	3.0	0.4	1.9	0.3	0.9	0.1	0.7	0.1	0.1	< 0.05	0.5	0.001
118480072	0.03	1.10	76.4	64.1	106	0.92	17.2	57.9	8.8	3.4	1.8	6.7	0.7	3.5	0.6	1.5	0.2	1.2	0.2	< 0.1	< 0.05	0.1	0.008
118480073	0.06	1.40	1.2	26.7	38.2	0.56	6.9	23.2	3.7	1.9	0.8	3.2	0.4	2.1	0.4	1.0	0.1	0.9	0.1	0.2	< 0.05	0.1	0.005
118480074	0.02	0.65	49.9	18.8	31.5	0.11	4.9	16.3	2.7	0.6	0.5	2.2	0.3	1.4	0.2	0.7	0.1	0.6	0.1	0.2	< 0.05	0.1	< 0.001
118480075	0.03	1.00	7.1	37.1	47.2	0.91	9.2	30.6	4.7	1.1	1.0	4.1	0.5	2.7	0.5	1.4	0.2	1.2	0.2	0.1	< 0.05	0.1	0.003
118480076	0.02	1.10	98.8	34.5	54.6	0.52	9.2	30.4	4.8	1.4	0.9	3.9	0.5	2.6	0.5	1.3	0.2	1.1	0.2	0.1	< 0.05	0.1	0.002
118480077	0.02	0.90	64.7	44.8	74.0	0.29	11.9	39.8	6.3	1.3	0.9	5.2	0.7	3.4	0.6	1.7	0.2	1.3	0.2	< 0.1	< 0.05	0.5	0.002
118480078	0.06	0.40	< 0.5	24.1	34.6	3.01	5.8	19.8	3.4	7.2	0.8	3.5	0.4	2.3	0.4	1.2	0.2	1.0	0.2	0.1	< 0.05	0.8	0.012
118480079	0.02	0.70	69.5	38.9	42.6	0.49	9.7	33.1	5.0	1.9	1.0	4.2	0.5	2.2	0.4	1.0	0.1	0.8	0.1	< 0.1	< 0.05	< 0.1	0.002
118480080	0.04	0.60	20.3	47.6	77.6	0.51	12.7	42.1	6.4	1.8	1.2	5.4	0.7	3.5	0.6	1.8	0.3	1.5	0.2	< 0.1	< 0.05	0.1	0.001
118480081	0.06	0.90	59.4	38.1	59.0	0.48	9.9	33.5	5.4	0.9	1.1	4.6	0.6	3.0	0.5	1.6	0.2	1.3	0.2	0.2	< 0.05	0.3	0.001
118480082	0.02	1.40	100	31.2	46.2	0.36	8.0	26.8	4.2	1.4	0.8	3.6	0.4	2.3	0.4	1.2	0.2	1.0	0.2	0.3	< 0.05	0.1	0.002
118480083	0.05	1.30	80.7	30.7	38.4	0.49	7.8	26.0	4.2	2.2	0.9	3.4	0.4	2.2	0.4	1.1	0.1	0.9	0.1	0.1	< 0.05	0.1	0.002

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480084	< 0.02	1.00	66.0	44.2	71.8	0.27	11.9	39.3	6.2	1.5	0.9	5.1	0.7	3.5	0.6	1.7	0.2	1.4	0.2	< 0.1	< 0.05	0.5	0.002
118480085	0.03	0.90	79.1	23.8	34.0	0.33	5.9	19.6	3.1	1.5	0.6	2.6	0.3	1.7	0.3	0.9	0.1	0.7	0.1	0.1	< 0.05	0.2	0.002
118480086	0.02	0.60	49.5	37.1	37.5	0.73	9.2	30.6	4.6	4.7	0.9	3.9	0.5	2.8	0.5	1.6	0.2	1.5	0.3	< 0.1	< 0.05	0.2	0.004
118480087	0.03	1.50	113	31.8	54.1	0.33	8.1	26.6	4.1	1.3	0.8	3.4	0.4	2.2	0.4	1.1	0.2	1.0	0.2	0.1	< 0.05	0.2	0.001
118480088	0.26	1.00	32.4	17.5	33.1	0.40	6.4	23.2	4.3	3.7	0.9	3.0	0.4	1.9	0.3	0.9	0.1	0.9	0.1	< 0.1	< 0.05	0.1	0.002
118480089	0.03	0.90	30.0	16.7	23.9	0.27	4.1	13.8	2.2	1.9	0.5	1.9	0.2	1.3	0.2	0.7	0.1	0.5	0.1	0.1	< 0.05	0.3	0.005
118480090	0.02	1.00	97.6	31.4	47.3	0.33	8.4	28.4	4.5	1.4	0.9	3.8	0.5	2.4	0.4	1.1	0.1	0.9	0.1	< 0.1	< 0.05	0.4	< 0.001
118480091	0.04	1.00	66.6	44.3	72.2	0.27	11.7	39.1	6.1	1.4	0.9	5.0	0.7	3.4	0.6	1.8	0.2	1.4	0.2	0.1	< 0.05	0.6	< 0.001
118480092	< 0.02	0.90	85.2	42.2	66.1	1.17	10.9	35.8	5.6	1.5	1.1	4.8	0.6	3.0	0.5	1.6	0.2	1.3	0.2	0.1	< 0.05	0.1	< 0.001
118480093	0.05	1.10	70.3	28.5	44.1	0.10	7.4	24.6	3.9	0.5	0.7	3.1	0.4	1.8	0.3	0.9	0.1	0.7	0.1	0.2	< 0.05	0.2	< 0.001
118480094	0.04	0.20	5.0	14.3	12.2	8.55	2.6	8.47	1.2	2.9	0.3	1.5	0.2	1.1	0.2	0.6	0.1	0.4	0.1	< 0.1	< 0.05	< 0.1	0.014
118480095	0.04	0.50	9.8	47.5	59.3	1.29	13.3	45.1	7.0	3.3	1.4	5.8	0.7	3.7	0.7	2.0	0.3	1.8	0.3	< 0.1	< 0.05	12.9	0.006
118480096	0.02	0.60	79.4	23.6	30.6	0.54	5.7	19.0	2.9	2.2	0.6	2.5	0.3	1.7	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.1	0.003
118480097	0.02	1.30	25.7	41.8	49.2	0.57	11.6	41.6	7.0	4.8	1.5	6.3	0.8	4.0	0.7	1.9	0.3	1.6	0.3	< 0.1	< 0.05	0.3	0.019
118480098	0.05	3.10	488	24.1	36.3	0.94	6.9	24.2	4.6	2.1	1.0	4.7	0.6	3.6	0.7	2.0	0.3	1.6	0.3	< 0.1	< 0.05	0.7	0.001
118480099	< 0.02	0.50	12.4	22.0	31.6	0.71	5.3	17.3	2.7	1.9	0.5	2.3	0.3	1.6	0.3	0.9	0.1	0.7	0.1	0.1	< 0.05	0.1	0.004
118480100	0.05	1.20	129	71.7	95.5	0.72	18.2	61.1	9.0	3.1	1.8	6.8	0.8	3.8	0.7	1.9	0.3	1.6	0.3	< 0.1	< 0.05	0.2	0.003
118480101	< 0.02	0.40	5.6	10.6	15.4	0.40	2.7	8.90	1.4	1.5	0.3	1.2	0.2	0.9	0.2	0.5	0.1	0.5	0.1	< 0.1	< 0.05	0.1	0.004
118480102	< 0.02	0.20	3.1	31.0	46.9	0.37	8.1	27.7	4.3	1.7	0.6	3.6	0.4	2.2	0.4	0.9	0.1	0.7	0.1	< 0.1	< 0.05	0.4	0.002
118480103	0.02	0.50	10.5	21.4	33.2	0.46	5.5	18.4	2.9	1.5	0.5	2.3	0.3	1.6	0.3	0.8	0.1	0.7	0.1	0.1	< 0.05	0.1	0.002
118480104	0.03	0.70	64.1	23.6	34.2	0.26	5.8	18.6	2.9	1.1	0.5	2.4	0.3	1.7	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.3	0.002
118480105	0.03	< 0.02	< 0.5	< 0.5	0.17	< 0.01	< 0.1	0.10	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480106	< 0.02	0.60	1.6	24.9	36.5	0.57	6.4	21.5	3.3	1.9	0.6	2.7	0.3	1.7	0.3	0.9	0.1	0.7	0.1	0.1	< 0.05	0.1	0.004
118480107	< 0.02	0.20	23.2	16.2	10.7	0.29	3.9	13.6	2.1	2.3	0.5	1.7	0.2	1.0	0.2	0.5	0.1	0.4	0.1	0.1	< 0.05	0.1	0.005
118480108	< 0.02	0.50	8.1	23.5	29.3	0.42	5.7	18.5	2.7	1.2	0.6	2.2	0.3	1.5	0.3	0.8	0.1	0.6	0.1	< 0.1	< 0.05	0.1	0.001
118480109	0.08	1.80	129	45.0	68.7	0.41	11.6	38.8	6.1	1.2	1.2	5.1	0.6	3.4	0.6	1.7	0.2	1.5	0.2	< 0.1	< 0.05	0.1	< 0.001
118480110	< 0.02	0.20	38.2	6.6	10.8	0.38	1.7	5.81	1.0	1.1	0.2	0.8	0.1	0.6	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.002
118480111	0.04	0.60	7.2	23.8	32.5	0.38	5.8	19.3	3.0	2.7	0.6	2.6	0.3	1.7	0.3	0.9	0.1	0.7	0.1	0.1	< 0.05	0.1	0.005
118480112	< 0.02	0.90	63.5	43.1	69.1	0.27	11.5	38.1	6.1	1.2	0.9	5.0	0.6	3.4	0.6	1.7	0.2	1.3	0.2	< 0.1	< 0.05	0.6	0.001
118480113	0.05	0.40	< 0.5	11.3	14.9	1.95	2.6	8.60	1.4	6.4	0.3	1.2	0.1	0.8	0.1	0.4	0.1	0.3	< 0.1	0.1	< 0.05	0.2	0.041
118480114	0.02	0.30	< 0.5	16.7	22.0	2.51	3.8	12.6	2.0	3.0	0.5	1.9	0.2	1.2	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	< 0.1	0.028
118480115	0.02	1.00	75.4	25.2	40.9	0.29	6.6	21.8	3.6	1.5	0.7	3.1	0.4	2.2	0.4	1.1	0.2	0.9	0.1	0.2	< 0.05	0.2	0.003
118480116	0.05	1.10	107	24.9	40.6	0.16	6.4	21.5	3.5	1.1	0.7	3.0	0.4	2.0	0.3	1.0	0.1	0.7	0.1	0.1	< 0.05	< 0.1	0.001
118480117	< 0.02	0.20	20.1	22.4	28.4	0.23	5.2	17.1	2.6	1.4	0.5	2.2	0.3	1.6	0.3	0.8	0.1	0.7	0.1	< 0.1	< 0.05	19.0	0.003
118480118	0.04	1.10	126	33.6	58.3	0.75	8.7	29.0	4.6	1.5	0.9	3.9	0.5	2.5	0.4	1.3	0.2	1.0	0.2	0.1	< 0.05	0.1	0.001
118480119	< 0.02	0.90	65.5	42.0	68.0	0.28	11.4	37.8	6.0	1.3	0.9	5.0	0.6	3.5	0.6	1.7	0.2	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480120	0.05	0.60	1.6	29.1	41.5	0.52	7.4	24.9	4.0	2.7	0.8	3.4	0.4	2.3	0.4	1.2	0.2	0.9	0.1	0.1	< 0.05	0.3	0.006
118480121	0.03	0.60	32.1	16.9	27.6	0.15	4.3	14.6	2.5	0.9	0.5	2.2	0.3	1.4	0.2	0.7	0.1	0.6	0.1	0.2	< 0.05	0.1	0.001
MRILS.IOS-1	0.04	0.90	61.3	41.3	66.9	0.28	11.2	37.0	5.9	1.1	0.9	4.9	0.6	3.3	0.6	1.6	0.2	1.3	0.2	< 0.1	< 0.05	0.5	0.001
MRILS.IOS-2	< 0.02	0.90	61.0	41.6	68.1	0.27	11.2	36.9	5.9	1.1	0.9	5.0	0.6	3.4	0.6	1.7	0.2	1.3	0.2	< 0.1	< 0.05	0.5	< 0.001
MRILS.IOS-3	0.02	0.90	61.0	41.3	67.0	0.25	11.1	37.1	5.8	1.3	0.8	4.8	0.6	3.4	0.6	1.7	0.2	1.3	0.2	< 0.1	< 0.05	0.6	0.002
MRILS.IOS-4	0.04	0.90	60.9	41.1	66.3	0.26	10.9	36.5	5.7	1.2	0.8	4.8	0.6	3.3	0.6	1.6	0.2	1.3	0.2	< 0.1	< 0.05	0.5	0.001

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
MRILS.IOS-5	0.04	0.90	62.2	41.6	67.4	0.28	11.1	36.9	5.9	1.2	0.9	4.9	0.6	3.4	0.6	1.7	0.2	1.3	0.2	< 0.1	< 0.05	0.5	< 0.001
MRILS.IOS-6	0.03	0.90	66.1	43.5	72.3	0.29	11.8	38.8	6.1	1.2	0.9	5.0	0.7	3.5	0.6	1.8	0.3	1.4	0.2	< 0.1	< 0.05	0.5	0.001

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480000	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	20
118480001	0.7	0.19	7.68	1.5	13.3	120
118480002	1.2	0.21	18.7	1.2	2.5	140
118480003	< 0.5	0.21	3.83	0.4	5.4	50
118480004	< 0.5	0.27	9.31	3.0	2.1	130
118480005	< 0.5	0.12	4.71	4.5	10.3	90
118480006	< 0.5	0.06	7.21	0.1	0.5	140
118480007	< 0.5	0.18	7.99	1.1	14.2	50
118480008	< 0.5	0.05	13.8	0.2	0.5	100
118480009	1.4	0.04	4.78	0.1	0.2	70
118480010	0.7	0.08	4.72	0.4	2.9	60
118480011	0.9	0.16	5.12	0.8	1.9	150
118480012	< 0.5	0.10	4.24	2.6	2.6	120
118480013	< 0.5	0.24	21.1	0.8	3.3	90
118480014	0.9	0.18	7.70	1.0	13.8	80
118480015	< 0.5	0.14	6.80	2.6	1.4	120
118480016	2.9	0.06	12.2	< 0.1	0.9	130
118480017	1.0	0.14	7.50	6.2	2.2	70
118480018	< 0.5	0.14	3.70	1.1	3.2	60
118480019	< 0.5	0.17	6.61	1.1	21.2	80
118480020	< 0.5	0.15	31.5	2.7	2.1	110
118480021	< 0.5	0.18	7.67	1.1	14.4	50
118480022	< 0.5	0.10	3.07	1.4	1.3	70
118480023	< 0.5	0.16	7.65	3.0	1.5	110
118480024	0.9	0.09	3.34	0.1	0.7	80
118480025	< 0.5	0.11	2.15	1.3	1.5	90
118480026	1.0	< 0.02	2.14	< 0.1	0.2	70
118480027	< 0.5	0.08	5.09	0.7	1.2	70
118480028	1.2	0.32	35.6	1.2	7.9	70
118480029	< 0.5	0.28	7.35	3.5	1.9	130
118480030	< 0.5	0.18	6.06	1.2	1.5	100
118480031	< 0.5	0.04	13.0	0.6	1.3	80
118480032	< 0.5	0.32	8.72	2.9	2.5	200
118480033	< 0.5	0.24	9.50	4.6	3.9	50
118480034	< 0.5	0.26	10.7	4.7	2.4	130
118480035	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	20
118480036	< 0.5	0.12	3.31	3.0	3.2	90
118480037	< 0.5	0.11	6.21	3.6	1.9	60
118480038	< 0.5	0.12	8.12	0.4	1.1	140
118480039	< 0.5	0.20	6.74	3.4	2.6	90
118480040	< 0.5	0.12	2.73	3.4	1.5	20
118480041	< 0.5	0.21	3.90	1.0	4.0	70

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480042	< 0.5	0.19	7.68	1.1	14.3	50
118480043	< 0.5	0.18	3.33	2.3	3.4	90
118480044	< 0.5	0.07	4.67	0.1	3.2	60
118480045	< 0.5	0.10	5.92	2.4	2.4	50
118480046	0.5	0.22	9.65	3.5	2.2	160
118480047	< 0.5	0.16	5.13	0.8	2.0	90
118480048	< 0.5	0.10	3.23	0.2	4.2	70
118480049	< 0.5	0.18	7.41	1.1	14.3	60
118480050	< 0.5	0.11	3.63	2.5	2.9	60
118480051	< 0.5	0.15	4.65	0.1	1.7	140
118480052	0.8	0.13	2.50	0.1	1.3	90
118480053	< 0.5	0.12	4.35	1.9	1.3	50
118480054	0.7	0.45	6.57	2.0	2.5	150
118480055	< 0.5	0.08	4.95	0.1	5.5	90
118480056	< 0.5	0.17	6.97	1.0	13.6	60
118480057	< 0.5	0.13	3.61	0.7	3.7	50
118480058	< 0.5	0.17	9.74	3.9	1.4	100
118480059	0.6	0.14	5.18	0.2	1.6	280
118480060	< 0.5	0.13	2.55	2.8	2.2	30
118480061	< 0.5	0.04	1.06	0.2	3.0	60
118480062	< 0.5	0.20	6.79	4.2	1.8	30
118480063	< 0.5	0.18	7.52	1.2	14.2	60
118480064	< 0.5	0.33	7.03	1.8	2.3	110
118480065	< 0.5	0.16	4.18	0.5	1.8	100
118480066	< 0.5	0.13	7.45	2.9	2.3	60
118480067	< 0.5	0.14	4.29	1.9	1.4	70
118480068	< 0.5	0.35	5.24	1.0	2.3	390
118480069	< 0.5	0.25	8.75	1.7	1.6	160
118480070	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10
118480071	< 0.5	0.07	2.83	2.4	2.4	50
118480072	< 0.5	0.21	12.6	0.3	3.1	210
118480073	< 0.5	0.26	6.87	3.6	5.9	80
118480074	< 0.5	0.09	4.48	3.9	1.5	30
118480075	< 0.5	0.18	4.54	1.6	1.4	80
118480076	< 0.5	0.19	9.08	3.8	1.8	150
118480077	< 0.5	0.18	7.09	1.1	14.1	50
118480078	< 0.5	0.20	2.99	1.8	14.8	70
118480079	< 0.5	0.13	4.89	0.3	2.0	60
118480080	< 0.5	0.17	5.84	0.8	1.7	150
118480081	< 0.5	0.15	6.95	3.3	2.2	30
118480082	< 0.5	0.19	6.76	6.1	2.5	80
118480083	< 0.5	0.27	6.57	1.1	4.6	60

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480084	< 0.5	0.19	7.33	1.1	14.1	60
118480085	< 0.5	0.20	5.07	3.3	3.7	60
118480086	< 0.5	0.24	4.62	1.3	3.5	360
118480087	< 0.5	0.24	10.6	4.9	2.2	80
118480088	< 0.5	0.42	11.7	3.9	3.1	220
118480089	< 0.5	0.12	4.61	1.5	4.9	60
118480090	< 0.5	0.11	7.09	0.7	1.9	160
118480091	< 0.5	0.19	7.39	1.1	14.5	60
118480092	< 0.5	0.25	7.24	1.9	2.4	30
118480093	< 0.5	0.14	5.41	6.6	1.6	60
118480094	< 0.5	0.15	0.89	< 0.1	0.7	60
118480095	< 0.5	0.22	4.39	1.1	14.0	170
118480096	< 0.5	0.23	4.27	0.9	11.5	80
118480097	< 0.5	0.20	7.27	1.5	8.4	210
118480098	1.6	0.36	37.1	0.9	7.6	80
118480099	< 0.5	0.13	5.75	0.8	1.4	110
118480100	< 0.5	0.21	9.24	2.2	4.5	80
118480101	< 0.5	0.13	1.95	1.0	1.1	50
118480102	< 0.5	0.14	1.13	0.7	2.0	40
118480103	< 0.5	0.12	6.17	0.6	1.5	80
118480104	< 0.5	0.14	4.12	1.1	2.8	90
118480105	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10
118480106	< 0.5	0.14	5.12	0.5	2.2	90
118480107	< 0.5	0.09	1.25	0.8	4.1	30
118480108	< 0.5	0.17	2.74	0.7	1.3	70
118480109	< 0.5	0.27	10.0	2.7	3.5	90
118480110	< 0.5	0.07	0.84	0.1	0.5	60
118480111	< 0.5	0.18	4.39	1.6	6.5	140
118480112	< 0.5	0.18	7.18	1.0	13.8	60
118480113	< 0.5	0.28	3.55	1.1	5.7	30
118480114	< 0.5	0.13	3.48	0.8	2.7	50
118480115	< 0.5	0.16	6.82	4.5	2.8	30
118480116	< 0.5	0.18	5.20	0.6	1.1	110
118480117	< 0.5	0.08	1.83	0.2	8.5	90
118480118	< 0.5	0.23	10.0	2.9	1.5	80
118480119	< 0.5	0.19	7.01	1.2	13.8	60
118480120	< 0.5	0.17	6.19	2.7	13.3	100
118480121	< 0.5	0.09	3.84	2.8	1.5	40
MRILS.IOS-1	< 0.5	0.18	7.41	0.9	13.3	50
MRILS.IOS-2	< 0.5	0.18	6.93	1.1	13.2	50
MRILS.IOS-3	< 0.5	0.17	6.66	1.0	12.9	60
MRILS.IOS-4	< 0.5	0.17	6.65	1.1	12.9	50

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
MRILS.IOS-5	< 0.5	0.18	6.86	0.9	13.4	60
MRILS.IOS-6	< 0.5	0.20	7.34	1.1	14.1	60

Analyte Symbol	Au	Br	Ca	Co	Fe	Na	Sb	Sc	Zn	La	Ce	Sm	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	1	1	0.5	1	0.05	100	0.1	0.1	20	0.1	1	0.1	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas													0.006	< 1	0.043	4.5	0.8	6	0.047	0.13	0.33	0.03	1260
GXR-1 Cert													0.036	0.257	0.0650	8.20	1.22	15.0	0.0520	0.217	3.52	0.050	1380
GXR-4 Meas													0.133	2	0.119	9.0	1.4	< 1	0.146	1.60	2.67	1.66	17.1
GXR-4 Cert													0.29	1.77	0.120	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0
GXR-6 Meas														< 1	0.034	27.5	1.0	1	0.081	0.42	> 8.00	1.09	0.17
GXR-6 Cert														0.0160	0.0350	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290
LKSD-2 Meas	3	17		17	4.09		1.0	12.4	200	65.8	103	10.5											
LKSD-2 Cert	3.00	18.0		17.0	4.30		1.10	13.0	209	68.0	108	11.0											
SdAR-M2 (U.S.G.S.) Meas																13.1	4.8						1.06
SdAR-M2 (U.S.G.S.) Cert																17.9	6.6						1.05
L-STD-5 Meas	2	6	3.7	< 1	0.10	400	0.2	0.2	30	0.8	1	0.1											
L-STD-5 Cert	2.00	5.60	3.67	0.600	0.110	365	0.160	0.240	32.0	0.800	1.41	0.130											
118480001 Orig													0.045	< 1	0.439	9.4	0.5	< 1	0.043	0.29	1.26	0.09	0.08
118480001 Dup													0.044	< 1	0.429	9.2	0.6	< 1	0.040	0.29	1.25	0.09	0.08
118480030 Orig													0.073	< 1	0.049	14.5	0.5	2	0.047	0.45	1.39	0.22	0.05
118480030 Dup													0.073	< 1	0.046	14.1	0.4	2	0.047	0.45	1.38	0.21	0.04
118480031 Orig													0.008	< 1	0.023	1.9	0.1	< 1	0.021	0.07	0.30	0.02	0.02
118480031 Dup													0.008	< 1	0.023	1.9	0.1	< 1	0.021	0.07	0.30	0.02	0.02
118480053 Orig													0.081	< 1	0.062	11.9	0.6	< 1	0.033	0.47	1.14	0.08	0.06
118480053 Dup													0.081	< 1	0.061	11.6	0.6	< 1	0.033	0.47	1.10	0.08	0.06
118480068 Orig													0.044	< 1	0.053	11.7	0.5	3	0.042	0.51	1.72	0.22	0.06
118480068 Dup													0.044	< 1	0.053	11.9	0.5	2	0.041	0.51	1.76	0.22	0.06
118480070 Orig													< 0.001	< 1	< 0.001	0.1	0.1	< 1	0.013	< 0.01	0.01	< 0.01	< 0.02
118480070 Dup													< 0.001	< 1	< 0.001	0.1	0.1	< 1	0.013	< 0.01	0.01	< 0.01	< 0.02
118480074 Orig													0.087	< 1	0.072	12.5	0.3	2	0.034	0.48	0.80	0.12	0.05
118480074 Dup													0.085	< 1	0.072	12.3	0.4	3	0.033	0.47	0.78	0.12	0.05
Method Blank													< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02
Method Blank													< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02
Method Blank	< 1	< 1	< 0.5	< 1	< 0.05	< 100	< 0.1	< 0.1	< 20	< 0.1	< 1	< 0.1											

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	0.83	1.2	71	7	723	22.5	7.4	35.8	1070	752	5.01		341	2.0	162	24.9	9.3	0.1	16.7	27.3	0.60	21.7	69.0
GXR-1 Cert	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	14.0	275	32.0	38.0	0.800	18.0	31.0	0.770	54.0	122
GXR-4 Meas	0.90	7.0	77	56	123	2.91	14.1	37.4	6000	67.9	10.8		89.6	91.1	74.5	11.6	9.0	0.1	268	3.22	0.17	5.06	2.24
GXR-4 Cert	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	160	221	14.0	186	10.0	310	4.00	0.270	5.60	4.80
GXR-6 Meas	0.17	22.8	166	78	900	5.28	13.1	23.1	65.6	121	18.7		201	62.6	33.5	6.62	11.8	< 0.1	0.81	0.252	0.05	0.82	0.67
GXR-6 Cert	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	90.0	35.0	14.0	110	7.50	2.40	1.30	0.260	1.70	3.60
LKSD-2 Meas																							
LKSD-2 Cert																							
SdAR-M2 (U.S.G.S.) Meas		2.3	18	10			12.9	48.8	243	757	3.64			20.6	21.2	17.1	7.8	3.1	11.7				
SdAR-M2 (U.S.G.S.) Cert		4.1	25.2	49.6			12.4	48.8	236.0000	760	17.6			149	144	32.7	259	26.2	13.3				
L-STD-5 Meas																							
L-STD-5 Cert																							
118480001 Orig	0.64	2.4	36	30	7820	5.53	12.3	32.6	48.1	117	5.37	0.2	17.0	7.7	29.8	14.4	0.4	0.6	5.46	0.230	< 0.02	0.42	0.12
118480001 Dup	0.63	2.3	37	31	8080	5.73	12.1	33.4	48.3	116	3.99	0.2	17.1	7.8	29.2	14.7	0.5	0.6	5.50	0.223	< 0.02	0.30	0.11
118480030 Orig	0.54	2.8	28	29	203	1.62	7.8	27.6	36.9	146	4.45	0.1	5.2	21.3	19.2	9.16	3.6	1.5	0.98	0.156	< 0.02	0.21	0.29
118480030 Dup	0.52	2.8	27	29	204	1.62	7.7	27.1	35.2	141	4.24	0.1	5.1	20.9	18.9	8.98	3.5	1.4	0.93	0.153	< 0.02	0.21	0.28
118480031 Orig	0.45	2.3	3	12	59	0.53	2.5	31.5	171	44.5	0.43	0.1	2.4	2.0	13.8	10.5	1.3	0.2	0.88	0.120	< 0.02	< 0.05	0.07
118480031 Dup	0.46	2.3	4	13	57	0.53	2.6	31.8	172	43.8	0.43	0.1	2.0	2.0	13.9	10.7	1.3	0.2	0.86	0.139	< 0.02	< 0.05	0.07
118480053 Orig	0.46	3.0	31	39	782	3.15	21.0	62.6	23.0	211	3.35	0.1	1.9	7.2	14.6	12.6	1.9	1.2	1.17	0.065	< 0.02	0.15	0.05
118480053 Dup	0.46	3.0	31	38	772	3.14	20.8	58.9	21.6	204	3.34	0.1	1.8	7.0	14.4	12.5	2.0	1.3	1.14	0.067	< 0.02	0.48	0.06
118480068 Orig	0.72	3.7	26	34	269	1.90	31.3	214	883	176	3.90	0.1	3.8	24.6	15.8	20.7	2.7	1.3	0.83	0.427	0.02	0.12	0.39
118480068 Dup	0.72	3.6	26	32	266	1.94	30.4	212	886	173	3.99	0.1	3.9	24.6	15.3	20.4	2.5	1.3	0.83	0.431	< 0.02	0.11	0.37
118480070 Orig	< 0.01	0.1	< 1	3	81	0.14	0.2	0.8	3.67	< 0.1	0.06	< 0.1	< 0.1	0.1	< 0.5	0.20	0.1	0.1	0.41	< 0.002	< 0.02	< 0.05	< 0.02
118480070 Dup	< 0.01	< 0.1	< 1	3	80	0.14	0.2	0.9	3.51	< 0.1	0.07	< 0.1	< 0.1	0.1	0.5	0.25	0.1	0.1	0.38	< 0.002	< 0.02	< 0.05	< 0.02
118480074 Orig	0.45	2.9	27	25	227	2.02	5.5	13.6	11.5	44.4	3.32	0.1	3.9	12.4	14.0	7.48	7.9	1.8	0.69	0.050	< 0.02	0.20	0.09
118480074 Dup	0.46	3.0	27	26	233	2.02	5.4	13.3	10.9	42.4	3.20	0.1	3.6	12.0	13.8	7.46	8.4	1.8	0.67	0.057	< 0.02	0.21	0.09
Method Blank	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.02	< 0.05	< 0.02
Method Blank	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.02	< 0.05	< 0.02
Method Blank																							

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	12.4	2.60	221	5.0	8.60	2.30		5.74	2.0	13.6	0.5	3.3	0.6	4.1			0.3	1.9	0.3	0.2	< 0.05	144	
GXR-1 Cert	13.0	3.00	750	7.50	17.0	3.30		18.0	2.70	16.6	0.690	4.20	0.830	4.30			0.430	1.90	0.280	0.960	0.175	164	
GXR-4 Meas	0.71	2.20	13.8	45.2	77.0	< 0.01		34.9	5.2	6.0	1.2	4.0	0.5	2.4			0.1	0.8	0.1	0.3	< 0.05	10.5	
GXR-4 Cert	0.970	2.80	1640	64.5	102	0.860		45.0	6.60	5.60	1.63	5.25	0.360	2.60			0.210	1.60	0.170	6.30	0.790	30.8	
GXR-6 Meas	0.03	3.30	920	10.7	25.7	0.08		10.6	2.1	0.4	0.5	1.9	0.3	1.5				0.7	0.1	0.3	< 0.05	< 0.1	
GXR-6 Cert	0.0180	4.20	1300	13.9	36.0	1.00		13.0	2.67	0.940	0.760	2.97	0.415	2.80				2.40	0.330	4.30	0.485	1.90	
LKSD-2 Meas																							
LKSD-2 Cert																							
SdAR-M2 (U.S.G.S.) Meas		0.80	112	38.0	72.9	4.72	10.1	33.0	5.7		0.6	4.6	0.6	3.5	0.6	1.8	0.3	1.6	0.2	0.3	< 0.05	0.8	
SdAR-M2 (U.S.G.S.) Cert		1.82	990	46.6	98.8	5.1	11.0	39.4	7.18		1.44	6.28	0.97	5.88	1.21	3.58	0.54	3.63	0.54	7.29	1.8	2.8	
L-STD-5 Meas																							
L-STD-5 Cert																							
118480001 Orig	0.03	0.70	520	53.1	83.2	0.47	14.0	45.3	6.7	1.7	1.3	5.0	0.6	2.8	0.5	1.4	0.2	1.1	0.2	< 0.1	< 0.05	12.0	0.001
118480001 Dup	0.04	0.70	371	52.0	82.0	0.47	13.6	44.3	6.6	2.0	1.3	4.9	0.6	2.8	0.5	1.3	0.2	1.1	0.2	< 0.1	< 0.05	12.0	0.001
118480030 Orig	0.03	1.10	56.6	22.3	33.3	0.56	5.7	18.7	2.9	1.2	0.5	2.3	0.3	1.6	0.3	0.9	0.1	0.7	0.1	0.1	< 0.05	0.1	0.002
118480030 Dup	0.04	1.10	64.3	22.1	33.0	0.52	5.6	18.4	2.8	1.2	0.5	2.3	0.3	1.6	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.2	0.002
118480031 Orig	< 0.02	0.20	32.2	17.5	10.8	0.40	4.6	16.6	2.7	2.5	0.6	2.5	0.3	1.6	0.3	0.9	0.1	0.8	0.1	< 0.1	< 0.05	0.1	0.004
118480031 Dup	0.02	0.20	14.8	17.4	10.8	0.39	4.7	17.0	2.7	2.4	0.6	2.5	0.3	1.6	0.3	0.9	0.1	0.8	0.1	< 0.1	< 0.05	0.1	0.002
118480053 Orig	< 0.02	0.60	34.9	37.0	46.5	0.60	8.0	25.5	3.9	0.7	0.8	3.2	0.4	2.0	0.4	1.0	0.1	0.8	0.1	< 0.1	< 0.05	0.2	0.001
118480053 Dup	0.04	0.60	42.9	35.4	44.9	0.58	7.7	24.7	3.8	0.7	0.8	3.2	0.4	2.0	0.3	1.0	0.1	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001
118480068 Orig	0.04	1.80	15.3	46.9	51.5	0.89	12.8	43.1	7.0	3.5	1.5	5.8	0.7	3.6	0.7	1.9	0.3	1.7	0.3	0.1	< 0.05	0.1	0.004
118480068 Dup	0.04	1.80	14.3	45.2	49.1	0.87	12.2	41.5	6.6	3.3	1.4	5.6	0.7	3.5	0.6	1.8	0.2	1.6	0.3	< 0.1	< 0.05	0.1	0.004
118480070 Orig	0.02	< 0.02	1.0	< 0.5	0.16	0.01	< 0.1	0.10	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480070 Dup	0.03	< 0.02	1.5	< 0.5	0.20	< 0.01	< 0.1	0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480074 Orig	0.02	0.70	50.8	18.9	31.8	0.12	5.0	16.4	2.7	0.6	0.5	2.2	0.3	1.4	0.2	0.7	0.1	0.6	0.1	0.2	< 0.05	0.1	< 0.001
118480074 Dup	0.02	0.60	49.1	18.6	31.2	0.10	4.8	16.3	2.7	0.7	0.5	2.2	0.3	1.4	0.2	0.7	0.1	0.6	0.1	0.2	< 0.05	0.1	0.001
Method Blank	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
Method Blank	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
Method Blank																							

Analyte Symbol	Au	Tl	Pb	Th	U	Hg	Ag	As	Ba	Cr	Cs	Hf	Hg	Ir	Mo	Ni	Rb	Se	Sr	Ta	Th	U	W
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.02	0.01	0.1	0.1	10	2	1	100	1	0.5	0.5	0.5	5	0.5	10	20	2	100	0.5	0.5	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas	3230	0.36	606	1.3	26.3	3550																	
GXR-1 Cert	3300	0.390	730	2.44	34.9	3900																	
GXR-4 Meas	540	2.94	40.2	15.3	4.3	90																	
GXR-4 Cert	470	3.20	52.0	22.5	6.20	110																	
GXR-6 Meas	50.3	2.10	91.1	3.7	0.8	70																	
GXR-6 Cert	95.0	2.20	101	5.30	1.54	68.0																	
LKSD-2 Meas							< 2	10	700	54	2.8	6.7			< 0.5	< 10	90		< 100	< 0.5	12.8	7.2	< 1
LKSD-2 Cert							0.800	11.0	780	57.0	3.00	7.00			2.00	26.0	85.0		220	0.800	13.4	7.60	2.00
SdAR-M2 (U.S.G.S.) Meas			705	10.9	1.6	1200																	
SdAR-M2 (U.S.G.S.) Cert			808	14.2	2.53	1440.00																	
L-STD-5 Meas																							
L-STD-5 Cert																							
118480001 Orig	0.8	0.20	7.72	1.4	13.3	120																	
118480001 Dup	0.6	0.19	7.63	1.5	13.2	130																	
118480030 Orig	< 0.5	0.18	6.03	1.2	1.5	100																	
118480030 Dup	< 0.5	0.18	6.08	1.2	1.6	100																	
118480031 Orig	< 0.5	0.04	12.9	0.6	1.3	70																	
118480031 Dup	< 0.5	0.04	13.0	0.5	1.3	80																	
118480053 Orig	< 0.5	0.12	4.38	2.1	1.3	50																	
118480053 Dup	< 0.5	0.12	4.31	1.7	1.2	50																	
118480068 Orig	< 0.5	0.36	5.45	1.1	2.4	400																	
118480068 Dup	< 0.5	0.34	5.04	1.0	2.3	390																	
118480070 Orig	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10																	
118480070 Dup	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	10																	
118480074 Orig	< 0.5	0.09	4.76	4.0	1.5	30																	
118480074 Dup	< 0.5	0.09	4.20	3.8	1.4	30																	
Method Blank	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10																	
Method Blank	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10																	
Method Blank							< 2	< 1	< 100	< 1	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 10	< 20	< 2	< 100	< 0.5	< 0.5	< 0.1	< 1

Analyte Symbol	Nd	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	3	0.2	0.2	0.1	0.1	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas						
GXR-1 Cert						
GXR-4 Meas						
GXR-4 Cert						
GXR-6 Meas						
GXR-6 Cert						
LKSD-2 Meas	61	1.8	1.3	3.8	0.6	
LKSD-2 Cert	58.0	1.90	1.40	4.00	0.600	
SdAR-M2 (U.S.G.S.) Meas						
SdAR-M2 (U.S.G.S.) Cert						
L-STD-5 Meas						
L-STD-5 Cert						
118480001 Orig						
118480001 Dup						
118480030 Orig						
118480030 Dup						
118480031 Orig						
118480031 Dup						
118480053 Orig						
118480053 Dup						
118480068 Orig						
118480068 Dup						
118480070 Orig						
118480070 Dup						
118480074 Orig						
118480074 Dup						
Method Blank						
Method Blank						
Method Blank	< 3	< 0.2	< 0.2	< 0.1	< 0.1	1.00

Quality Analysis ... *Innovative Technologies*

Date Submitted: 23-Oct-17
Invoice No.: A17-11783-ReAssay
Invoice Date: 15-Feb-18
Your Reference: 1184

IOS Services Geoscientifiques Inc.
1319 Boul, St. Paul
Chicoutimi PQ G7J-3Y2
Canada

ATTN: Rejean Girard

CERTIFICATE OF ANALYSIS

128 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code 2A-15g Humus INAA(INAAGEO)

REPORT **A17-11783-ReAssay**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Note: Samples without data were INS for reassays.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480049	< 1	< 2	1	500	24	< 0.5	11	46	0.9	2.02	4.8	0.6	< 5	13.9	10800	< 10	< 20	< 0.1	5.7	< 2	< 100	< 0.5	8.0
118480050	< 1	< 2	2	400	39	0.9	8	41	0.9	2.81	2.8	< 0.5	< 5	3.3	8300	< 10	20	< 0.1	5.5	< 2	< 100	< 0.5	5.4
118480051																							
118480052	< 1	< 2	2	< 100	66	< 0.5	9	39	< 0.5	1.31	< 0.5	< 0.5	< 5	< 0.5	5200	< 10	< 20	< 0.1	5.3	< 2	< 100	< 0.5	6.4
118480053	< 1	< 2	4	600	12	< 0.5	26	72	0.8	3.82	6.0	< 0.5	< 5	< 0.5	17100	< 10	30	< 0.1	8.2	< 2	< 100	< 0.5	5.5
118480054	< 1	< 2	39	200	36	< 0.5	145	51	< 0.5	8.54	1.7	0.5	< 5	4.3	7200	40	< 20	0.4	8.2	< 2	< 100	< 0.5	9.2
118480055	< 1	< 2	38	< 100	49	< 0.5	20	39	< 0.5	2.10	< 0.5	< 0.5	< 5	22.5	2400	< 10	< 20	0.3	7.9	< 2	< 100	< 0.5	5.2
118480056	< 1	< 2	2	600	24	< 0.5	13	47	0.9	2.01	4.7	< 0.5	< 5	9.1	11000	< 10	30	0.2	5.7	< 2	< 100	< 0.5	7.9
118480057																							
118480058	< 1	< 2	6	900	22	1.1	18	65	1.4	4.34	5.7	< 0.5	< 5	< 0.5	19900	< 10	70	0.4	10.1	< 2	< 100	< 0.5	9.7
118480059	3	< 2	44	300	69	0.8	23	34	< 0.5	2.23	1.3	< 0.5	< 5	2.8	3400	< 10	20	0.6	7.2	< 2	< 100	< 0.5	8.3
118480060	< 1	< 2	2	600	10	1.0	18	124	1.0	3.21	3.9	< 0.5	< 5	1.7	13700	< 10	< 20	< 0.1	12.1	< 2	< 100	< 0.5	4.8
118480061	< 1	< 2	3	200	34	< 0.5	5	20	< 0.5	0.87	1.0	< 0.5	< 5	4.2	2500	< 10	< 20	0.2	2.1	< 2	< 100	< 0.5	3.3
118480062	< 1	< 2	8	900	32	< 0.5	14	66	1.8	4.54	5.3	< 0.5	< 5	6.7	18400	< 10	100	0.2	9.5	< 2	< 100	< 0.5	8.6
118480063	< 1	< 2	2	500	25	< 0.5	12	50	1.5	2.11	4.9	0.6	< 5	9.4	11000	< 10	30	0.1	5.9	< 2	< 100	< 0.5	8.3

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480049	21.6	< 1	< 20	57.7	109	50	7.3	1.3	0.4	2.1	0.5	15.5
118480050	5.9	< 1	50	23.2	39	32	3.3	0.7	< 0.2	1.0	0.2	13.8
118480051												
118480052	1.5	< 1	< 20	22.7	50	21	3.3	0.9	< 0.2	1.1	< 0.1	0.756
118480053	2.2	< 1	190	49.0	75	37	5.5	1.3	< 0.2	1.7	0.2	14.4
118480054	3.8	< 1	380	80.1	139	80	9.6	1.7	1.1	2.6	0.3	12.6
118480055	5.7	< 1	140	34.3	53	72	5.9	1.9	< 0.2	1.7	0.3	0.800
118480056	21.8	< 1	< 20	57.6	108	62	7.6	1.5	0.9	2.1	0.5	15.6
118480057												
118480058	2.0	< 1	70	46.2	90	38	6.3	1.7	< 0.2	1.8	0.3	14.0
118480059	2.4	< 1	70	48.3	66	50	6.3	1.3	< 0.2	1.8	0.3	14.7
118480060	4.0	< 1	50	37.3	63	32	5.1	1.0	< 0.2	1.5	0.2	14.0
118480061	4.7	1	< 20	16.4	25	25	2.2	0.5	< 0.2	0.8	0.2	14.3
118480062	3.2	< 1	30	37.8	69	35	4.9	1.2	< 0.2	1.6	0.2	15.7
118480063	22.3	< 1	< 20	58.3	109	59	7.7	1.4	1.4	2.3	0.6	14.3

Analyte Symbol	Au	Br	Ca	Co	Fe	Na	Sb	Sc	Zn	La	Ce	Sm	Ag	As	Ba	Cr	Cs	Hf	Hg	Ir	Mo	Ni	Rb
Unit Symbol	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
Lower Limit	1	1	0.5	1	0.05	100	0.1	0.1	20	0.1	1	0.1	2	1	100	1	0.5	0.5	0.5	5	0.5	10	20
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
LKSD-2 Meas	< 1	19		18	4.50		1.1	12.9	< 20	64.8	113	10.9	< 2	12	800	54	2.0	7.1			4.5	< 10	< 20
LKSD-2 Cert	3.00	18.0		17.0	4.30		1.10	13.0	209	68.0	108	11.0	0.800	11.0	780	57.0	3.00	7.00			2.00	26.0	85.0
L-STD-6B Meas	21	6	3.8	< 1	0.10	300	0.3	0.2	30	0.8	2	0.1											
L-STD-6B Cert	20.0	5.60	3.67	0.600	0.110	365	0.160	0.240	32.0	0.800	1.41	0.130											
Method Blank	< 1	< 1	< 0.5	< 1	< 0.05	< 100	< 0.1	< 0.1	< 20	< 0.1	< 1	< 0.1	< 2	< 1	< 100	< 1	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 10	< 20

Analyte Symbol	Se	Sr	Ta	Th	U	W	Nd	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	2	100	0.5	0.5	0.1	1	3	0.2	0.2	0.1	0.1	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
LKSD-2 Meas		< 100	< 0.5	14.0	8.0	< 1	55	1.9	< 0.2	4.1	0.6	
LKSD-2 Cert		220	0.800	13.4	7.60	2.00	58.0	1.90	1.40	4.00	0.600	
L-STD-6B Meas												
L-STD-6B Cert												
Method Blank	< 2	< 100	< 0.5	< 0.5	< 0.1	< 1	< 3	< 0.2	< 0.2	< 0.1	< 0.1	1.00

Quality Analysis ... *Innovative Technologies*

Date Submitted: 24-Nov-17
Invoice No.: A17-13440
Invoice Date: 16-Jan-18
Your Reference: 1184 batch 2

IOS Services Geoscientifiques Inc.
1319 Boul, St. Paul
Chicoutimi PQ G7J-3Y2
Canada

ATTN: Rejean Girard

CERTIFICATE OF ANALYSIS

277 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code 2A-15g Humus INAA(INAAGEO)

Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A17-13440**

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Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is only semi-quantitative. For accurate Au data, fire assay is recommended.

CERTIFIED BY:



Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480122	2	< 2	3	1000	13	< 0.5	15	64	2.6	4.45	3.6	< 0.5	< 5	< 0.5	19500	< 10	90	0.4	11.4	< 2	< 100	< 0.5	11.3
118480123	2	< 2	11	800	70	< 0.5	25	57	1.1	4.75	5.4	< 0.5	< 5	0.7	18200	< 10	90	0.5	10.6	< 2	< 100	< 0.5	9.9
118480124	< 1	< 2	9	1100	18	< 0.5	20	81	3.2	6.84	4.5	< 0.5	< 5	1.8	18800	< 10	130	0.7	13.3	< 2	< 100	< 0.5	15.0
118480125	< 1	< 2	3	500	19	< 0.5	17	52	1.1	2.30	2.6	< 0.5	< 5	< 0.5	10200	< 10	50	0.2	7.6	< 2	< 100	< 0.5	7.8
118480126	< 1	< 2	1	500	25	< 0.5	13	53	0.8	2.39	5.2	< 0.5	< 5	9.5	13600	< 10	40	0.1	7.2	< 2	< 100	< 0.5	8.4
118480127	< 1	< 2	6	< 100	32	0.5	< 1	15	< 0.5	0.58	< 0.5	< 0.5	< 5	< 0.5	1300	< 10	< 20	0.3	1.6	< 2	< 100	< 0.5	2.3
118480128	< 1	< 2	< 1	700	12	0.6	7	40	0.9	2.83	4.0	< 0.5	< 5	1.1	18000	< 10	50	0.1	6.4	< 2	< 100	< 0.5	5.1
118480129	< 1	< 2	4	900	13	1.6	18	87	< 0.5	5.11	4.7	< 0.5	< 5	< 0.5	24800	< 10	130	0.4	12.9	< 2	< 100	< 0.5	13.9
118480130	< 1	< 2	3	600	35	< 0.5	12	51	1.0	5.11	1.0	< 0.5	< 5	6.2	5500	< 10	< 20	0.2	5.5	< 2	< 100	< 0.5	6.1
118480131	< 1	< 2	2	100	21	< 0.5	7	17	< 0.5	2.76	< 0.5	< 0.5	< 5	2.4	700	< 10	< 20	< 0.1	2.8	< 2	< 100	< 0.5	4.0
118480132	< 1	< 2	4	1200	19	< 0.5	14	63	2.6	4.93	6.7	< 0.5	< 5	0.8	26100	< 10	100	0.2	11.8	< 2	< 100	< 0.5	10.1
118480133	< 1	< 2	3	800	27	< 0.5	15	46	0.9	2.84	4.9	< 0.5	< 5	15.0	14500	< 10	100	< 0.1	7.2	< 2	< 100	< 0.5	9.1
118480134	< 1	< 2	29	700	42	< 0.5	24	71	3.0	4.09	2.8	< 0.5	< 5	8.8	13400	< 10	100	0.4	10.3	< 2	< 100	< 0.5	11.3
118480135	< 1	< 2	4	200	50	< 0.5	6	27	< 0.5	2.15	0.7	< 0.5	< 5	0.9	2400	< 10	< 20	0.4	3.5	< 2	< 100	< 0.5	4.5
118480136	< 1	< 2	4	300	56	< 0.5	10	51	< 0.5	2.87	2.2	< 0.5	< 5	22.6	8100	< 10	20	0.1	6.9	< 2	< 100	< 0.5	5.3
118480137	< 1	< 2	11	200	101	< 0.5	12	83	1.2	2.15	3.2	< 0.5	< 5	3.7	8300	< 10	30	1.2	9.3	< 2	< 100	< 0.5	6.9
118480138	< 1	< 2	12	1100	26	< 0.5	21	86	2.8	6.23	5.3	< 0.5	< 5	2.6	23500	< 10	180	0.9	13.1	< 2	< 100	< 0.5	13.6
118480139	< 1	< 2	21	1000	79	< 0.5	72	68	1.0	13.8	3.9	< 0.5	< 5	< 0.5	17100	< 10	190	0.5	12.6	< 2	< 100	< 0.5	11.0
118480140	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	3	< 0.5	0.22	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480141	< 1	< 2	5	1100	11	1.4	13	73	0.7	3.96	10.7	< 0.5	< 5	< 0.5	33800	< 10	110	0.3	12.1	< 2	< 100	< 0.5	9.4
118480142	< 1	< 2	8	600	42	1.8	10	41	0.6	3.18	1.4	< 0.5	< 5	5.0	8400	< 10	50	0.9	6.6	4	< 100	< 0.5	5.4
118480143	< 1	< 2	13	800	72	< 0.5	39	65	1.5	10.9	4.8	< 0.5	< 5	3.0	18100	< 10	120	0.5	11.6	< 2	< 100	< 0.5	10.6
118480144	1	< 2	2	200	37	0.6	7	20	< 0.5	1.83	1.1	< 0.5	< 5	< 0.5	2600	< 10	< 20	0.3	3.9	< 2	< 100	< 0.5	4.1
118480145	< 1	< 2	4	600	18	< 0.5	16	45	0.6	5.54	3.3	< 0.5	< 5	1.3	10700	< 10	< 20	< 0.1	5.8	< 2	< 100	< 0.5	4.9
118480146	< 1	< 2	4	100	53	0.6	10	38	< 0.5	2.78	1.6	< 0.5	< 5	11.3	5800	< 10	20	0.7	5.5	< 2	< 100	< 0.5	6.2
118480147	< 1	< 2	1	500	28	1.2	14	54	1.6	2.78	6.0	< 0.5	< 5	11.4	15300	< 10	20	< 0.1	7.7	< 2	< 100	< 0.5	9.0
118480148	< 1	< 2	3	500	35	< 0.5	49	39	< 0.5	3.42	2.3	< 0.5	< 5	< 0.5	7900	< 10	< 20	0.7	7.0	< 2	< 100	< 0.5	7.2
118480149	< 1	< 2	2	400	71	2.7	4	13	< 0.5	2.28	< 0.5	< 0.5	< 5	4.2	900	< 10	< 20	0.3	1.5	< 2	< 100	< 0.5	1.8
118480150	< 1	< 2	10	900	34	< 0.5	27	75	2.1	10.8	4.9	< 0.5	< 5	< 0.5	20600	< 10	120	0.6	13.3	< 2	< 100	< 0.5	13.8
118480151	< 1	< 2	8	200	67	< 0.5	14	57	< 0.5	2.51	1.7	< 0.5	< 5	< 0.5	7100	< 10	< 20	0.2	6.3	< 2	< 100	< 0.5	6.5
118480152	< 1	< 2	12	1000	48	1.0	12	50	1.0	7.14	4.6	< 0.5	< 5	3.1	19000	< 10	30	0.2	8.6	< 2	< 100	< 0.5	7.9
118480153	< 1	< 2	9	1400	29	< 0.5	65	54	1.1	6.46	4.0	< 0.5	< 5	< 0.5	15500	< 10	40	0.4	11.1	< 2	< 100	< 0.5	9.4
118480154	< 1	< 2	1	700	23	< 0.5	13	44	1.1	2.16	5.0	< 0.5	< 5	6.2	12700	< 10	30	< 0.1	6.7	< 2	100	< 0.5	8.3
118480155	< 1	< 2	3	200	36	< 0.5	58	35	< 0.5	4.17	2.1	< 0.5	< 5	1.5	7100	< 10	20	0.1	6.8	< 2	< 100	< 0.5	5.5
118480156	< 1	< 2	6	700	75	< 0.5	14	63	2.2	4.24	3.1	< 0.5	< 5	2.1	11800	< 10	40	0.5	10.1	< 2	100	< 0.5	10.4
118480157	< 1	< 2	10	1000	44	0.9	14	63	1.2	4.44	5.6	< 0.5	< 5	2.6	23800	< 10	110	< 0.1	11.2	< 2	< 100	< 0.5	8.8
118480158	< 1	< 2	16	800	44	< 0.5	16	51	0.8	3.63	9.2	< 0.5	< 5	1.8	23900	< 10	90	0.2	9.7	< 2	< 100	< 0.5	6.8
118480159	< 1	< 2	20	700	53	< 0.5	34	56	2.4	8.78	2.6	< 0.5	< 5	0.9	10700	< 10	40	0.7	10.0	< 2	< 100	< 0.5	10.8
118480160	< 1	< 2	3	400	48	1.1	7	38	< 0.5	1.21	1.1	< 0.5	< 5	17.4	3500	< 10	< 20	< 0.1	4.9	< 2	< 100	< 0.5	5.6
118480161	< 1	< 2	3	700	26	< 0.5	13	62	2.0	2.24	5.2	< 0.5	< 5	8.8	14000	< 10	20	0.1	7.7	< 2	< 100	< 0.5	9.5
118480162	< 1	< 2	7	700	31	< 0.5	17	62	2.8	4.07	4.5	< 0.5	< 5	2.1	16400	< 10	90	0.3	10.6	< 2	< 100	< 0.5	9.5
118480163	< 1	< 2	< 1	800	29	< 0.5	7	62	1.4	2.75	4.7	< 0.5	< 5	4.4	19500	< 10	50	< 0.1	7.7	< 2	< 100	< 0.5	6.7

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480164	< 1	< 2	25	900	37	< 0.5	103	65	< 0.5	8.46	1.5	< 0.5	< 5	2.0	16200	< 10	100	0.5	12.2	< 2	< 100	< 0.5	11.1
118480165	< 1	< 2	5	700	39	< 0.5	16	52	1.7	2.95	3.1	< 0.5	< 5	< 0.5	13200	< 10	80	0.3	7.8	< 2	< 100	< 0.5	7.0
118480166	< 1	< 2	4	500	31	< 0.5	9	34	< 0.5	1.86	2.3	< 0.5	< 5	0.9	7800	< 10	40	0.2	6.5	< 2	< 100	< 0.5	6.8
118480167	1	< 2	8	1000	37	< 0.5	22	83	3.0	5.44	4.2	< 0.5	< 5	1.1	16700	< 10	170	0.5	14.4	< 2	< 100	< 0.5	16.2
118480168	3	< 2	18	500	63	3.2	15	39	0.6	3.32	3.4	< 0.5	< 5	18.4	7300	< 10	< 20	1.4	9.3	< 2	< 100	< 0.5	5.8
118480169	< 1	< 2	38	800	24	< 0.5	15	58	1.5	2.64	4.9	< 0.5	< 5	2.3	19900	< 10	130	0.5	11.0	< 2	< 100	< 0.5	8.6
118480170	< 1	< 2	4	1000	5	< 0.5	15	73	0.9	2.63	9.7	< 0.5	< 5	1.5	30800	< 10	30	0.1	11.7	< 2	200	< 0.5	10.8
118480171	3	< 2	3	500	23	< 0.5	8	39	0.6	3.06	2.2	< 0.5	< 5	1.3	8300	< 10	30	0.1	5.3	< 2	< 100	< 0.5	4.0
118480172	1	< 2	5	500	41	< 0.5	17	66	1.4	3.16	2.4	< 0.5	< 5	1.8	8600	< 10	120	0.5	11.7	< 2	< 100	< 0.5	11.7
118480173	< 1	< 2	2	100	49	< 0.5	10	24	< 0.5	1.48	0.9	< 0.5	< 5	14.5	3100	< 10	< 20	< 0.1	4.3	< 2	< 100	< 0.5	7.2
118480174	< 1	< 2	7	600	38	< 0.5	9	41	0.6	2.79	1.9	< 0.5	< 5	< 0.5	7900	< 10	20	0.3	7.8	< 2	< 100	< 0.5	7.6
118480175	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	4	< 0.5	0.20	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480176	< 1	< 2	4	500	19	< 0.5	14	63	0.7	7.30	4.3	< 0.5	< 5	1.6	14600	< 10	< 20	0.2	7.5	< 2	< 100	< 0.5	5.2
118480177	< 1	< 2	7	600	23	< 0.5	14	53	0.7	2.27	4.3	< 0.5	< 5	2.5	18300	< 10	70	0.2	9.7	< 2	< 100	< 0.5	10.1
118480178	< 1	< 2	4	400	51	1.0	7	36	< 0.5	3.67	3.0	< 0.5	< 5	15.2	8100	< 10	< 20	0.3	5.8	3	< 100	< 0.5	6.4
118480179	< 1	< 2	17	< 100	40	< 0.5	8	53	< 0.5	0.44	0.6	< 0.5	< 5	0.9	1800	< 10	< 20	0.6	4.0	< 2	< 100	< 0.5	2.2
118480180	< 1	< 2	15	1200	54	< 0.5	22	72	3.1	6.10	4.5	< 0.5	< 5	25.4	23900	< 10	130	0.6	14.1	< 2	< 100	< 0.5	13.1
118480181	< 1	< 2	< 1	300	48	< 0.5	8	51	0.5	1.92	1.8	< 0.5	< 5	1.0	5800	< 10	50	< 0.1	6.0	< 2	< 100	< 0.5	6.8
118480182	< 1	< 2	2	600	25	< 0.5	13	51	0.8	2.08	5.7	< 0.5	< 5	10.1	13100	< 10	50	< 0.1	7.2	< 2	< 100	< 0.5	8.3
118480183	< 1	< 2	8	600	45	< 0.5	13	80	0.8	4.39	4.5	< 0.5	< 5	1.7	11700	< 10	30	< 0.1	13.9	< 2	< 100	< 0.5	9.9
118480184	18	< 2	7	200	51	0.8	7	23	< 0.5	1.30	0.7	< 0.5	< 5	4.9	1800	< 10	< 20	0.1	4.1	< 2	< 100	< 0.5	3.0
118480185	1	< 2	89	900	45	0.6	14	62	1.3	4.99	4.2	< 0.5	< 5	4.6	17800	< 10	70	0.6	10.1	< 2	< 100	< 0.5	7.6
118480186	< 1	< 2	43	100	42	0.7	6	40	0.8	1.73	1.7	< 0.5	< 5	0.9	6800	< 10	< 20	0.3	5.8	< 2	< 100	< 0.5	5.6
118480187	< 1	< 2	11	900	28	< 0.5	9	50	0.9	2.27	3.5	< 0.5	< 5	1.4	13600	< 10	40	0.2	9.4	< 2	< 100	< 0.5	8.3
118480188	< 1	< 2	4	600	92	0.9	16	58	0.8	9.99	0.9	< 0.5	< 5	16.2	8000	< 10	30	< 0.1	8.4	< 2	< 100	< 0.5	12.3
118480189	< 1	< 2	2	800	27	0.8	15	60	1.1	2.33	6.0	< 0.5	< 5	4.6	14600	< 10	20	< 0.1	8.3	< 2	200	< 0.5	9.9
118480190	3	< 2	2	< 100	33	0.7	21	21	< 0.5	2.98	< 0.5	< 0.5	< 5	4.5	700	< 10	< 20	0.2	2.0	< 2	< 100	< 0.5	1.6
118480191	< 1	< 2	3	300	27	< 0.5	9	30	< 0.5	1.56	< 0.5	< 0.5	< 5	11.4	3200	< 10	< 20	0.2	3.7	< 2	< 100	< 0.5	5.5
118480192	< 1	< 2	42	100	114	< 0.5	13	69	2.4	1.86	1.8	< 0.5	< 5	3.7	6300	< 10	< 20	1.1	9.4	< 2	< 100	< 0.5	7.9
118480193	6	< 2	7	900	23	< 0.5	15	67	2.8	4.08	4.8	< 0.5	< 5	< 0.5	18200	< 10	150	1.0	13.3	< 2	< 100	< 0.5	12.0
118480194	< 1	< 2	4	600	24	0.8	6	37	< 0.5	2.25	2.8	< 0.5	< 5	0.6	11800	< 10	20	< 0.1	6.3	< 2	100	< 0.5	4.1
118480195	< 1	< 2	4	500	43	< 0.5	15	58	1.5	2.90	2.5	< 0.5	< 5	1.0	10200	< 10	70	0.5	9.8	< 2	< 100	< 0.5	10.6
118480196	2	< 2	3	600	28	< 0.5	13	58	0.8	2.55	5.9	< 0.5	< 5	9.3	15600	< 10	40	0.2	8.7	< 2	< 100	< 0.5	9.6
118480197	2	< 2	14	1000	52	< 0.5	14	56	0.6	4.71	3.1	< 0.5	< 5	11.9	11100	< 10	70	0.1	7.9	< 2	< 100	< 0.5	9.6
118480198	< 1	< 2	3	100	63	0.9	5	25	< 0.5	1.71	0.8	< 0.5	< 5	12.9	2200	< 10	< 20	0.1	3.6	< 2	< 100	< 0.5	2.4
118480199	4	< 2	< 1	900	9	< 0.5	4	55	1.1	2.51	6.2	< 0.5	< 5	3.6	26700	< 10	30	0.1	11.1	< 2	< 100	< 0.5	8.7
118480200	< 1	< 2	19	1100	78	0.9	18	81	2.4	6.87	5.2	< 0.5	< 5	9.3	20900	< 10	100	0.1	12.3	< 2	< 100	< 0.5	10.0
118480201	< 1	< 2	669	1000	44	< 0.5	32	73	1.4	10.7	3.3	< 0.5	< 5	< 0.5	18400	< 10	90	< 0.1	13.8	< 2	< 100	< 0.5	13.5
118480202	< 1	< 2	16	1000	69	< 0.5	16	54	< 0.5	5.86	4.6	< 0.5	< 5	6.3	18500	< 10	80	0.8	10.2	< 2	< 100	< 0.5	8.1
118480203	2	< 2	3	700	30	< 0.5	14	63	1.6	2.64	6.2	< 0.5	< 5	15.1	16200	< 10	20	0.2	8.9	< 2	< 100	< 0.5	10.6
118480204	2	< 2	7	800	63	< 0.5	11	56	< 0.5	2.25	< 0.5	< 0.5	< 5	15.8	3600	< 10	20	< 0.1	6.5	< 2	< 100	< 0.5	9.6
118480205	3	< 2	3	100	34	< 0.5	7	36	< 0.5	1.01	1.0	< 0.5	< 5	6.7	3800	< 10	< 20	0.2	4.3	< 2	< 100	< 0.5	5.9

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480206	6	< 2	6	1200	46	< 0.5	21	53	0.8	5.41	4.8	< 0.5	< 5	6.7	17500	< 10	50	0.3	10.0	< 2	< 100	< 0.5	7.7
118480207	< 1	< 2	5	700	31	< 0.5	9	47	4.1	2.99	2.2	< 0.5	< 5	4.7	14300	< 10	20	0.5	8.4	< 2	< 100	< 0.5	9.1
118480208	< 1	< 2	2	300	62	< 0.5	4	35	2.1	2.88	1.2	< 0.5	< 5	4.4	3100	< 10	< 20	< 0.1	5.4	< 2	< 100	< 0.5	3.5
118480209	< 1	< 2	119	1200	19	< 0.5	16	72	0.8	4.24	8.6	< 0.5	< 5	2.1	31900	< 10	100	1.1	15.1	< 2	< 100	< 0.5	7.8
118480210	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	4	< 0.5	0.21	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480211	< 1	< 2	5	900	22	< 0.5	15	75	2.2	3.52	5.6	< 0.5	< 5	< 0.5	20100	< 10	110	0.4	12.7	< 2	< 100	< 0.5	8.9
118480212	< 1	< 2	5	1200	23	< 0.5	14	99	2.5	3.97	4.9	< 0.5	< 5	1.2	20700	< 10	60	0.1	13.5	< 2	100	< 0.5	13.7
118480213	< 1	< 2	2	300	18	< 0.5	4	30	< 0.5	1.41	1.3	< 0.5	< 5	< 0.5	5600	< 10	30	0.3	4.4	< 2	< 100	< 0.5	5.5
118480214	< 1	< 2	5	< 100	94	< 0.5	8	14	< 0.5	1.84	< 0.5	< 0.5	< 5	1.0	500	< 10	< 20	0.2	1.7	< 2	< 100	< 0.5	1.6
118480215	< 1	< 2	2	500	29	1.3	6	36	< 0.5	2.73	3.2	< 0.5	< 5	0.9	11400	< 10	40	< 0.1	4.9	< 2	< 100	< 0.5	4.0
118480216	< 1	< 2	611	< 100	26	< 0.5	10	48	1.2	1.68	1.1	< 0.5	< 5	1.3	5100	< 10	< 20	1.0	5.2	2	< 100	< 0.5	7.1
118480217	< 1	< 2	2	600	25	< 0.5	13	51	1.4	2.24	4.7	< 0.5	< 5	10.0	13400	< 10	20	< 0.1	7.8	< 2	< 100	< 0.5	8.6
118480218	< 1	< 2	33	100	22	< 0.5	19	66	< 0.5	11.2	0.5	< 0.5	< 5	8.7	4500	< 10	< 20	1.0	10.7	< 2	< 100	< 0.5	8.9
118480219	< 1	< 2	8	1300	47	< 0.5	23	67	1.3	6.37	2.9	< 0.5	< 5	17.2	12200	< 10	80	0.7	10.7	< 2	< 100	< 0.5	11.0
118480220	< 1	< 2	< 1	< 100	27	< 0.5	18	18	< 0.5	1.90	< 0.5	< 0.5	< 5	3.3	500	< 10	< 20	< 0.1	3.7	< 2	< 100	< 0.5	5.9
118480221	< 1	< 2	7	1000	25	< 0.5	6	55	0.8	2.38	5.6	< 0.5	< 5	< 0.5	24700	< 10	50	< 0.1	10.9	< 2	< 100	< 0.5	8.9
118480222	4	< 2	5	< 100	25	< 0.5	57	41	< 0.5	22.6	1.3	< 0.5	< 5	3.0	3800	< 10	< 20	0.1	3.8	< 2	< 100	< 0.5	5.7
118480223	4	< 2	7	600	26	< 0.5	17	65	3.1	3.11	2.1	< 0.5	< 5	3.4	9500	< 10	100	0.6	11.4	< 2	< 100	< 0.5	13.9
118480224	< 1	< 2	2	500	26	< 0.5	12	57	1.4	2.34	5.6	< 0.5	< 5	10.9	14700	< 10	80	< 0.1	8.3	< 2	< 100	< 0.5	8.9
118480225	< 1	< 2	3	500	35	1.0	7	34	< 0.5	2.18	2.3	< 0.5	< 5	< 0.5	8300	< 10	< 20	< 0.1	6.1	< 2	< 100	< 0.5	4.8
118480226	< 1	< 2	4	300	44	< 0.5	12	20	< 0.5	2.45	1.0	< 0.5	< 5	20.6	2600	< 10	< 20	0.3	2.3	< 2	< 100	< 0.5	1.6
118480227	< 1	< 2	6	1100	16	< 0.5	13	85	2.5	3.86	7.7	< 0.5	< 5	< 0.5	27600	< 10	100	0.2	13.0	< 2	< 100	< 0.5	8.9
118480228	< 1	< 2	484	400	108	< 0.5	21	61	< 0.5	6.54	1.9	< 0.5	< 5	7.4	6800	< 10	< 20	2.8	9.6	< 2	< 100	< 0.5	9.4
118480229	< 1	< 2	9	800	56	< 0.5	11	60	< 0.5	7.77	3.7	< 0.5	< 5	3.0	11200	< 10	30	0.4	9.0	< 2	< 100	< 0.5	10.9
118480230	< 1	< 2	5	1000	37	< 0.5	25	73	0.9	3.88	6.2	< 0.5	< 5	1.0	19200	< 10	90	0.3	13.0	< 2	< 100	< 0.5	8.6
118480231	< 1	< 2	2	900	29	< 0.5	14	63	1.1	2.51	6.3	< 0.5	< 5	8.9	15600	< 10	40	< 0.1	8.8	< 2	< 100	< 0.5	10.1
118480232	< 1	< 2	57	900	72	< 0.5	19	85	2.2	4.40	4.1	< 0.5	< 5	2.8	13400	< 10	90	0.6	14.6	< 2	< 100	< 0.5	12.5
118480233	2	< 2	2	1000	15	< 0.5	19	102	2.7	3.49	4.0	< 0.5	< 5	2.1	25200	< 10	250	0.6	15.6	< 2	< 100	< 0.5	16.1
118480234	< 1	< 2	20	1000	67	< 0.5	57	86	1.1	11.7	4.6	< 0.5	< 5	< 0.5	20000	< 10	40	0.4	14.0	< 2	< 100	< 0.5	10.7
118480235	< 1	< 2	4	1000	6	< 0.5	17	94	2.6	3.95	4.9	< 0.5	< 5	< 0.5	28600	< 10	120	0.5	15.5	< 2	< 100	< 0.5	13.3
118480236	3	< 2	5	< 100	56	1.0	14	26	< 0.5	3.34	1.6	< 0.5	< 5	2.3	4400	< 10	< 20	0.4	6.6	< 2	< 100	< 0.5	6.3
118480237	2	< 2	5	1300	9	< 0.5	14	75	3.4	3.35	9.5	< 0.5	< 5	2.8	30300	< 10	110	0.7	15.1	< 2	< 100	< 0.5	11.4
118480238	3	< 2	2	400	27	< 0.5	12	59	1.0	2.44	5.4	< 0.5	< 5	6.1	15200	< 10	20	0.1	8.6	< 2	< 100	< 0.5	9.6
118480239	< 1	< 2	< 1	500	27	< 0.5	8	41	0.6	2.55	3.1	< 0.5	< 5	6.2	9500	< 10	20	0.1	6.4	2	< 100	< 0.5	4.5
118480240	2	< 2	9	600	51	< 0.5	38	81	< 0.5	8.34	2.0	< 0.5	< 5	9.0	6900	< 10	< 20	0.3	9.6	< 2	< 100	< 0.5	10.4
118480241	5	< 2	34	800	42	< 0.5	18	63	1.2	3.54	3.5	< 0.5	< 5	2.6	13600	< 10	110	0.7	12.1	< 2	< 100	< 0.5	12.3
118480242	< 1	< 2	9	900	68	< 0.5	19	66	1.0	4.51	4.3	< 0.5	< 5	1.1	16300	< 10	80	0.2	9.0	< 2	< 100	< 0.5	7.7
118480243	4	< 2	7	300	60	< 0.5	6	23	< 0.5	2.65	0.9	< 0.5	< 5	5.1	2600	< 10	< 20	0.5	4.3	< 2	< 100	< 0.5	4.4
118480244	< 1	< 2	4	600	53	< 0.5	6	34	< 0.5	2.19	2.8	< 0.5	< 5	1.5	10300	< 10	40	0.3	5.4	< 2	< 100	< 0.5	3.2
118480245	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	3	< 0.5	0.19	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480246	< 1	< 2	18	800	32	< 0.5	32	69	0.9	12.7	3.1	< 0.5	< 5	9.4	15300	< 10	40	0.6	10.0	< 2	< 100	< 0.5	11.4
118480247	< 1	< 2	6	300	62	< 0.5	10	41	0.8	2.92	1.2	< 0.5	< 5	4.7	2700	< 10	< 20	0.4	6.7	< 2	< 100	< 0.5	5.3

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480248	2	< 2	5	600	47	< 0.5	7	32	< 0.5	1.55	2.3	< 0.5	< 5	1.5	7800	< 10	< 20	0.6	5.5	< 2	< 100	< 0.5	5.7
118480249	< 1	< 2	2	700	28	0.8	8	48	1.6	2.12	4.5	< 0.5	< 5	< 0.5	13300	< 10	< 20	0.2	6.3	< 2	300	< 0.5	7.6
118480250	< 1	< 2	21	1500	49	< 0.5	16	64	1.2	11.2	3.8	< 0.5	< 5	10.0	14900	< 10	80	0.7	10.1	< 2	< 100	< 0.5	9.8
118480251	2	< 2	3	700	60	< 0.5	17	55	< 0.5	4.08	2.9	< 0.5	< 5	< 0.5	11600	< 10	90	0.5	9.7	< 2	< 100	< 0.5	10.3
118480252	1	< 2	3	600	30	< 0.5	12	58	1.5	2.40	6.3	< 0.5	< 5	10.3	15900	< 10	< 20	0.1	7.7	< 2	300	< 0.5	10.4
118480253	< 1	< 2	6	1300	12	< 0.5	17	74	1.7	5.51	7.8	< 0.5	< 5	2.3	27700	< 10	140	1.1	13.3	< 2	< 100	< 0.5	12.1
118480254	< 1	< 2	6	1200	20	< 0.5	11	70	0.8	3.51	9.0	< 0.5	< 5	1.6	30800	< 10	100	0.7	11.3	< 2	< 100	< 0.5	9.1
118480255	1	< 2	2	< 100	46	1.1	13	14	< 0.5	3.48	0.7	< 0.5	< 5	0.8	2400	< 10	< 20	0.3	3.3	< 2	< 100	< 0.5	3.0
118480256	1	< 2	11	300	46	< 0.5	53	54	3.1	14.2	0.6	< 0.5	< 5	10.4	7200	< 10	< 20	0.5	7.1	< 2	< 100	< 0.5	7.0
118480257	< 1	< 2	2	200	41	< 0.5	4	23	< 0.5	1.42	< 0.5	0.5	< 5	17.1	1000	< 10	< 20	< 0.1	3.0	< 2	< 100	< 0.5	4.0
118480258	< 1	< 2	12	1500	72	< 0.5	19	84	1.2	10.1	3.5	< 0.5	< 5	10.5	21800	< 10	180	1.1	13.6	< 2	< 100	< 0.5	15.1
118480259	< 1	< 2	2	900	29	< 0.5	14	60	< 0.5	2.59	6.0	< 0.5	< 5	7.4	16200	< 10	60	0.2	7.9	< 2	< 100	< 0.5	10.4
118480260	< 1	< 2	8	200	48	< 0.5	12	21	< 0.5	1.94	0.7	< 0.5	< 5	4.5	2400	< 10	< 20	0.3	3.8	< 2	< 100	< 0.5	5.5
118480261	4	< 2	295	300	51	< 0.5	14	54	< 0.5	6.22	1.8	< 0.5	< 5	28.5	8000	< 10	< 20	1.5	8.4	< 2	< 100	< 0.5	9.5
118480262	< 1	< 2	6	600	47	1.8	10	55	1.1	3.73	1.8	< 0.5	< 5	10.3	8600	< 10	40	0.2	6.3	< 2	< 100	< 0.5	7.2
118480263	< 1	< 2	6	800	107	< 0.5	29	49	< 0.5	7.27	< 0.5	< 0.5	< 5	9.1	3700	< 10	20	0.6	9.6	< 2	< 100	< 0.5	7.8
118480264	< 1	< 2	5	500	42	0.9	7	43	1.4	1.57	2.2	< 0.5	< 5	2.1	6200	< 10	< 20	0.4	7.0	< 2	< 100	< 0.5	9.9
118480265	< 1	< 2	20	400	49	< 0.5	11	45	< 0.5	1.83	1.8	< 0.5	< 5	8.3	7500	< 10	< 20	0.8	8.6	< 2	< 100	< 0.5	9.4
118480266	< 1	< 2	4	800	30	< 0.5	12	57	< 0.5	2.60	6.2	< 0.5	< 5	11.7	16500	< 10	50	0.1	7.8	< 2	< 100	< 0.5	10.1
118480267	1	< 2	7	500	51	< 0.5	10	46	< 0.5	6.14	1.9	< 0.5	< 5	12.2	6900	< 10	30	0.7	4.8	< 2	< 100	< 0.5	4.3
118480268	< 1	< 2	1	900	35	1.5	14	62	1.4	2.42	4.9	< 0.5	< 5	0.6	20200	< 10	80	0.5	10.8	< 2	< 100	< 0.5	8.9
118480269	4	< 2	5	200	41	0.6	15	30	< 0.5	5.37	< 0.5	< 0.5	< 5	17.5	2800	< 10	< 20	0.5	3.5	4	< 100	< 0.5	2.3
118480270	1	< 2	1	< 100	54	< 0.5	< 1	11	< 0.5	0.62	< 0.5	< 0.5	< 5	< 0.5	600	< 10	< 20	0.2	1.6	< 2	< 100	< 0.5	1.9
118480271	< 1	< 2	9	700	38	< 0.5	19	70	1.0	4.32	4.2	< 0.5	< 5	1.8	15800	< 10	90	1.1	10.4	< 2	< 100	< 0.5	9.9
118480272	< 1	< 2	23	3400	27	< 0.5	21	59	2.7	7.42	3.6	< 0.5	< 5	15.2	13300	< 10	100	1.1	9.7	< 2	< 100	< 0.5	10.7
118480273	< 1	< 2	1	500	25	< 0.5	13	47	< 0.5	2.23	5.0	< 0.5	< 5	11.8	13400	< 10	50	0.3	7.9	< 2	< 100	< 0.5	8.1
118480274	< 1	< 2	27	600	30	< 0.5	13	61	1.3	2.57	4.6	< 0.5	< 5	1.5	16500	< 10	90	0.9	11.9	< 2	< 100	< 0.5	7.7
118480275	1	< 2	3	300	49	2.0	5	25	< 0.5	1.17	1.5	< 0.5	< 5	9.0	4700	< 10	< 20	0.4	5.0	< 2	< 100	< 0.5	4.1
118480276	< 1	< 2	9	200	91	< 0.5	32	56	< 0.5	7.64	2.3	< 0.5	< 5	10.9	9900	< 10	30	0.5	9.9	< 2	< 100	< 0.5	8.7
118480277	< 1	< 2	22	800	51	< 0.5	30	74	2.7	11.0	4.0	< 0.5	< 5	5.0	17600	< 10	130	0.6	14.0	< 2	300	< 0.5	11.4
118480278	< 1	< 2	7	500	46	< 0.5	9	30	0.9	2.36	1.9	< 0.5	< 5	5.9	7800	90	60	0.7	5.8	< 2	< 100	< 0.5	5.4
118480279	< 1	< 2	24	700	25	< 0.5	9	66	1.1	2.82	4.6	< 0.5	< 5	1.5	19900	< 10	80	0.9	9.4	< 2	< 100	< 0.5	6.4
118480280	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	3	< 0.5	0.19	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480281	< 1	< 2	4	1800	34	< 0.5	11	55	2.2	4.98	5.6	< 0.5	< 5	1.4	25600	< 10	100	0.5	11.8	< 2	< 100	< 0.5	8.9
118480282	< 1	< 2	6	700	58	0.9	17	64	0.7	4.15	2.8	< 0.5	< 5	30.1	15200	< 10	< 20	< 0.1	10.2	< 2	< 100	< 0.5	8.4
118480283	< 1	< 2	2	600	31	< 0.5	8	54	1.7	1.59	2.3	< 0.5	< 5	< 0.5	9100	< 10	< 20	0.4	9.2	< 2	< 100	< 0.5	9.1
118480284	< 1	< 2	4	300	78	1.3	6	28	< 0.5	4.37	1.3	< 0.5	< 5	6.6	3900	< 10	40	0.3	5.0	5	< 100	< 0.5	3.7
118480285	< 1	< 2	19	900	17	< 0.5	9	68	0.6	2.22	7.2	< 0.5	< 5	3.1	26900	< 10	160	0.3	11.7	< 2	< 100	< 0.5	6.8
118480286	< 1	< 2	2	200	43	< 0.5	6	52	< 0.5	2.34	1.3	0.5	< 5	6.8	5000	< 10	< 20	< 0.1	7.8	< 2	< 100	< 0.5	4.7
118480287	< 1	< 2	3	700	29	< 0.5	13	59	1.0	2.37	5.3	< 0.5	< 5	8.6	15100	< 10	< 20	< 0.1	8.7	< 2	< 100	< 0.5	8.8
118480288	3	< 2	6	1000	38	< 0.5	13	56	< 0.5	3.88	6.5	< 0.5	< 5	3.2	29500	< 10	130	0.4	13.3	< 2	< 100	< 0.5	8.6
118480289	< 1	< 2	20	1400	29	< 0.5	17	53	< 0.5	13.9	3.3	< 0.5	< 5	12.4	19700	< 10	40	1.1	13.2	< 2	< 100	< 0.5	11.6

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480290	< 1	< 2	8	800	43	< 0.5	13	70	1.0	3.02	4.0	< 0.5	< 5	2.3	15700	< 10	80	0.4	9.8	< 2	< 100	< 0.5	7.7
118480291	< 1	< 2	3	< 100	27	< 0.5	6	20	< 0.5	2.35	< 0.5	< 0.5	< 5	28.5	2500	< 10	< 20	0.3	3.3	< 2	< 100	< 0.5	5.2
118480292	< 1	< 2	20	2000	58	< 0.5	19	70	3.7	5.80	5.4	< 0.5	< 5	11.5	26500	< 10	110	0.7	15.6	< 2	< 100	< 0.5	11.6
118480293	3	< 2	< 1	1000	29	< 0.5	11	74	1.1	2.54	8.3	< 0.5	< 5	< 0.5	28300	< 10	50	< 0.1	13.1	< 2	300	< 0.5	9.8
118480294	< 1	< 2	2	700	28	< 0.5	13	55	0.7	2.24	5.7	< 0.5	< 5	6.4	15000	< 10	< 20	< 0.1	8.8	< 2	< 100	< 0.5	8.9
118480295	< 1	< 2	13	600	43	< 0.5	13	57	0.6	2.37	3.0	< 0.5	< 5	1.0	11300	< 10	60	1.0	10.6	< 2	< 100	< 0.5	9.1
118480296	3	< 2	1	900	12	1.1	3	48	< 0.5	1.73	7.0	< 0.5	< 5	1.4	25000	< 10	30	< 0.1	8.9	< 2	< 100	< 0.5	6.0
118480297	< 1	< 2	6	100	225	< 0.5	< 1	29	< 0.5	1.15	1.6	< 0.5	< 5	1.8	7200	< 10	30	0.3	5.1	< 2	< 100	< 0.5	4.1
118480298	< 1	< 2	5	600	41	< 0.5	14	63	3.2	2.25	2.1	< 0.5	< 5	1.3	8000	< 10	100	1.6	10.9	< 2	< 100	< 0.5	12.3
118480299	< 1	< 2	4	900	42	1.4	18	46	0.8	5.67	5.7	< 0.5	< 5	2.6	23800	< 10	40	0.4	10.0	< 2	< 100	< 0.5	6.6
118480300	< 1	< 2	3	1000	14	0.9	17	54	0.8	5.81	5.8	< 0.5	< 5	< 0.5	28900	< 10	50	0.9	13.2	< 2	< 100	< 0.5	7.1
118480301	< 1	< 2	3	800	26	< 0.5	12	53	1.3	2.32	5.6	< 0.5	< 5	8.7	14800	< 10	< 20	< 0.1	8.6	< 2	100	< 0.5	8.9
118480302	< 1	< 2	6	700	59	< 0.5	27	41	0.7	5.21	0.8	< 0.5	< 5	6.8	5700	< 10	< 20	0.9	6.9	< 2	< 100	< 0.5	4.9
118480303	< 1	< 2	< 1	100	38	< 0.5	2	24	< 0.5	0.73	1.7	< 0.5	< 5	1.2	5400	< 10	< 20	< 0.1	4.6	< 2	< 100	< 0.5	2.7
118480304	< 1	< 2	7	< 100	24	< 0.5	5	9	< 0.5	1.07	1.1	< 0.5	< 5	< 0.5	2100	< 10	< 20	0.4	2.1	< 2	< 100	< 0.5	2.7
118480305	< 1	< 2	4	300	33	< 0.5	12	32	< 0.5	2.88	1.4	< 0.5	< 5	7.9	3900	< 10	< 20	0.3	4.4	< 2	< 100	< 0.5	3.6
118480306	< 1	< 2	4	800	17	1.2	13	64	1.8	3.26	4.7	< 0.5	< 5	1.7	20600	< 10	140	0.4	13.1	< 2	< 100	< 0.5	11.0
118480307	3	< 2	2	< 100	45	< 0.5	3	23	< 0.5	1.23	< 0.5	< 0.5	< 5	15.3	1000	< 10	< 20	< 0.1	3.2	< 2	< 100	< 0.5	3.6
118480308	14	< 2	30	2300	30	1.0	19	85	7.0	5.19	5.5	< 0.5	< 5	4.1	14800	< 10	70	3.8	16.6	< 2	< 100	< 0.5	8.6
118480309	2	< 2	22	< 100	49	1.0	4	30	< 0.5	1.19	1.8	< 0.5	< 5	3.5	4800	< 10	40	0.3	4.3	< 2	< 100	< 0.5	3.6
118480310	< 1	< 2	4	100	38	< 0.5	48	25	< 0.5	4.17	1.0	< 0.5	< 5	1.5	3700	< 10	< 20	0.3	8.2	< 2	100	< 0.5	5.3
118480311	8	< 2	4	100	37	1.0	10	24	1.5	5.72	2.0	< 0.5	< 5	< 0.5	3600	100	< 20	0.5	4.2	3	200	< 0.5	3.3
118480312	< 1	< 2	6	1000	30	< 0.5	17	91	2.4	5.42	5.0	< 0.5	< 5	0.7	24500	< 10	140	0.4	16.1	< 2	< 100	< 0.5	13.8
118480313	< 1	< 2	2	100	45	0.8	7	35	< 0.5	1.40	< 0.5	< 0.5	< 5	0.6	3400	< 10	40	0.1	4.8	< 2	< 100	< 0.5	5.8
118480314	< 1	< 2	9	700	33	0.8	13	74	1.3	3.59	5.0	< 0.5	< 5	< 0.5	19000	< 10	60	< 0.1	10.8	< 2	< 100	< 0.5	6.7
118480315	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	4	< 0.5	0.22	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480316	< 1	< 2	30	1400	2	< 0.5	21	93	3.5	4.99	8.0	< 0.5	< 5	1.8	31400	< 10	170	0.4	16.6	< 2	< 100	< 0.5	11.9
118480317	< 1	< 2	3	< 100	45	< 0.5	6	22	< 0.5	1.12	< 0.5	< 0.5	< 5	1.1	1800	< 10	< 20	< 0.1	3.2	< 2	< 100	< 0.5	4.8
118480318	< 1	< 2	13	1100	16	< 0.5	31	81	< 0.5	17.0	5.4	< 0.5	< 5	< 0.5	19900	< 10	70	0.8	16.3	< 2	< 100	< 0.5	11.4
118480319	< 1	< 2	2	500	41	0.7	7	34	< 0.5	2.19	2.4	< 0.5	< 5	2.4	7900	< 10	< 20	0.1	5.5	< 2	< 100	< 0.5	4.6
118480320	< 1	< 2	5	1000	20	< 0.5	19	73	1.7	5.48	4.7	< 0.5	< 5	1.1	20400	< 10	120	0.3	14.2	< 2	< 100	< 0.5	13.3
118480321	< 1	< 2	4	400	22	< 0.5	4	23	< 0.5	1.52	1.0	< 0.5	< 5	6.4	3800	< 10	< 20	0.1	3.6	< 2	< 100	< 0.5	3.9
118480322	< 1	< 2	1	600	28	< 0.5	13	56	2.1	2.65	5.4	< 0.5	< 5	10.0	14800	< 10	40	< 0.1	8.3	< 2	< 100	< 0.5	10.0
118480323	< 1	< 2	2	< 100	31	< 0.5	3	18	< 0.5	0.56	< 0.5	< 0.5	< 5	2.1	1500	< 10	< 20	< 0.1	2.9	< 2	< 100	< 0.5	3.8
118480324	< 1	< 2	3	100	31	< 0.5	5	24	< 0.5	4.29	1.0	< 0.5	< 5	8.0	2700	< 10	< 20	0.1	2.8	< 2	< 100	< 0.5	2.5
118480325	< 1	< 2	2	< 100	53	< 0.5	2	13	< 0.5	1.11	< 0.5	< 0.5	< 5	4.7	800	20	< 20	0.2	1.5	< 2	< 100	< 0.5	2.0
118480326	3	< 2	4	200	41	< 0.5	11	56	0.9	2.32	2.8	< 0.5	< 5	< 0.5	7200	110	20	0.3	9.8	< 2	< 100	< 0.5	6.8
118480327	< 1	< 2	8	400	36	< 0.5	12	46	< 0.5	1.78	2.2	< 0.5	< 5	1.9	6800	< 10	< 20	0.4	6.6	< 2	100	< 0.5	6.5
118480328	2	< 2	15	200	42	< 0.5	39	54	2.1	3.43	< 0.5	< 0.5	< 5	< 0.5	5100	< 10	< 20	0.6	9.0	< 2	< 100	< 0.5	7.3
118480329	< 1	< 2	2	500	26	0.6	12	60	1.0	2.67	5.0	< 0.5	< 5	11.8	14100	< 10	30	< 0.1	7.8	< 2	< 100	< 0.5	9.2
118480330	< 1	< 2	39	300	34	< 0.5	19	31	< 0.5	2.88	1.7	< 0.5	< 5	2.6	4900	< 10	< 20	0.8	6.8	< 2	< 100	< 0.5	8.1
118480331	< 1	< 2	13	< 100	27	2.2	20	24	< 0.5	24.1	< 0.5	< 0.5	< 5	7.1	4400	< 10	< 20	0.5	2.7	< 2	< 100	< 0.5	2.0

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480332	< 1	< 2	10	1300	39	< 0.5	12	54	0.6	6.96	3.0	< 0.5	< 5	3.1	15900	< 10	70	0.3	8.3	< 2	< 100	< 0.5	7.7
118480333	2	< 2	20	700	36	0.8	10	66	1.3	2.99	3.5	< 0.5	< 5	< 0.5	15900	< 10	100	0.5	9.6	< 2	< 100	< 0.5	9.1
118480334	< 1	< 2	3	300	26	< 0.5	7	28	< 0.5	1.61	0.9	< 0.5	< 5	4.8	4400	< 10	< 20	0.3	3.7	< 2	< 100	< 0.5	5.1
118480335	< 1	< 2	3	800	29	< 0.5	12	54	0.9	2.56	3.5	< 0.5	< 5	< 0.5	13100	< 10	40	0.4	8.3	< 2	< 100	< 0.5	7.6
118480336	< 1	< 2	2	700	25	< 0.5	12	51	1.6	2.31	4.7	< 0.5	< 5	10.9	13600	< 10	< 20	< 0.1	6.8	< 2	< 100	< 0.5	8.6
118480337	< 1	< 2	2	200	32	< 0.5	7	25	< 0.5	0.80	0.9	< 0.5	< 5	2.3	2400	< 10	< 20	0.1	2.5	< 2	< 100	< 0.5	3.8
118480338	< 1	< 2	13	700	30	< 0.5	7	43	0.6	1.66	3.5	< 0.5	< 5	1.2	14300	< 10	60	0.3	6.4	< 2	100	< 0.5	5.9
118480339	< 1	< 2	108	100	54	0.8	21	52	< 0.5	2.35	< 0.5	< 0.5	< 5	2.1	3100	< 10	< 20	0.9	6.3	< 2	< 100	< 0.5	5.7
118480340	< 1	< 2	4	600	21	< 0.5	8	47	1.9	2.12	2.0	< 0.5	< 5	1.0	8600	< 10	70	0.3	6.8	< 2	< 100	< 0.5	9.6
118480341	< 1	< 2	2	1100	9	< 0.5	8	52	< 0.5	2.87	4.2	< 0.5	< 5	3.5	23900	< 10	80	< 0.1	8.5	< 2	< 100	< 0.5	5.0
118480342	< 1	< 2	7	800	22	< 0.5	13	67	1.5	4.26	5.0	< 0.5	< 5	6.6	16800	< 10	40	0.2	8.8	< 2	< 100	< 0.5	8.9
118480343	< 1	< 2	3	600	29	< 0.5	12	50	0.6	2.45	5.9	< 0.5	< 5	8.1	14300	< 10	30	0.1	7.3	< 2	100	< 0.5	9.5
118480344	< 1	< 2	4	100	55	< 0.5	25	38	< 0.5	6.86	< 0.5	< 0.5	< 5	4.8	2900	< 10	< 20	0.2	4.6	< 2	< 100	< 0.5	5.3
118480345	< 1	< 2	71	1400	66	1.2	18	86	2.3	6.59	5.2	< 0.5	< 5	2.1	24900	< 10	120	0.4	13.6	< 2	< 100	< 0.5	10.8
118480346	2	< 2	14	2000	43	< 0.5	21	65	1.0	9.39	6.2	< 0.5	< 5	9.3	21500	< 10	50	0.3	10.3	< 2	< 100	< 0.5	8.6
118480347	< 1	< 2	4	600	54	0.8	14	66	2.2	3.17	2.4	< 0.5	< 5	3.7	7500	40	30	0.9	10.6	< 2	200	< 0.5	13.9
118480348	< 1	< 2	7	700	27	1.2	43	63	< 0.5	4.32	3.3	< 0.5	< 5	< 0.5	12800	< 10	50	0.3	8.9	< 2	< 100	< 0.5	8.3
118480349	2	< 2	56	1000	91	< 0.5	28	88	3.6	5.45	4.0	< 0.5	< 5	2.0	18300	< 10	140	0.6	13.6	< 2	< 100	< 0.5	12.0
118480350	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	3	< 0.5	0.20	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480351	< 1	< 2	5	300	57	1.2	8	37	0.6	1.93	2.1	< 0.5	< 5	7.2	5900	< 10	30	0.3	4.9	< 2	< 100	< 0.5	5.4
118480352	< 1	< 2	3	600	74	< 0.5	6	48	0.6	1.18	3.1	< 0.5	< 5	< 0.5	8400	< 10	70	0.1	5.9	< 2	< 100	< 0.5	5.6
118480353	< 1	< 2	7	1500	52	< 0.5	67	43	< 0.5	11.3	2.2	< 0.5	< 5	2.5	5300	90	< 20	0.5	8.9	< 2	< 100	< 0.5	8.4
118480354	< 1	< 2	4	< 100	40	< 0.5	6	14	< 0.5	2.10	1.3	< 0.5	< 5	5.1	3200	< 10	< 20	0.3	2.8	< 2	< 100	< 0.5	3.8
118480355	< 1	< 2	69	1200	20	< 0.5	33	71	2.3	7.62	5.1	< 0.5	< 5	2.1	20100	40	100	0.3	11.0	< 2	< 100	< 0.5	8.7
118480356	2	< 2	4	500	37	< 0.5	9	31	< 0.5	3.61	1.5	< 0.5	< 5	4.8	4400	< 10	< 20	0.1	5.0	< 2	< 100	< 0.5	4.4
118480357	< 1	< 2	2	600	28	< 0.5	12	55	0.9	2.42	6.1	< 0.5	< 5	6.0	14400	< 10	< 20	< 0.1	7.5	< 2	< 100	< 0.5	9.4
118480358	< 1	< 2	17	1600	26	< 0.5	16	71	0.9	6.36	4.8	< 0.5	< 5	2.8	24300	130	120	0.4	9.9	< 2	< 100	< 0.5	10.6
118480359	< 1	< 2	4	400	43	< 0.5	8	47	1.0	1.42	0.6	< 0.5	< 5	1.0	4300	< 10	40	0.3	4.0	< 2	< 100	< 0.5	5.9
118480360	< 1	< 2	20	200	68	< 0.5	56	59	< 0.5	14.8	1.0	< 0.5	< 5	2.7	8300	< 10	80	0.6	9.4	< 2	< 100	< 0.5	8.9
118480361	< 1	< 2	37	400	34	0.7	15	27	< 0.5	1.36	1.1	< 0.5	< 5	4.3	3900	< 10	< 20	0.3	4.0	< 2	< 100	< 0.5	2.5
118480362	< 1	< 2	43	300	46	< 0.5	15	48	< 0.5	3.43	1.6	< 0.5	< 5	< 0.5	4600	< 10	50	0.5	5.6	< 2	< 100	< 0.5	6.3
118480363	2	< 2	7	700	35	< 0.5	15	72	0.9	4.27	3.8	< 0.5	< 5	3.1	12500	< 10	60	0.6	8.9	< 2	< 100	< 0.5	11.4
118480364	< 1	< 2	1	700	26	< 0.5	15	50	1.6	2.50	5.2	< 0.5	< 5	12.8	13700	< 10	20	< 0.1	6.6	< 2	< 100	< 0.5	9.4
118480365	< 1	< 2	3	900	34	< 0.5	13	53	< 0.5	3.79	3.5	< 0.5	< 5	0.5	12600	< 10	< 20	0.4	8.1	< 2	< 100	< 0.5	5.1
118480366	< 1	< 2	16	< 100	26	< 0.5	6	18	< 0.5	1.14	0.8	< 0.5	< 5	< 0.5	2300	< 10	< 20	0.2	3.2	< 2	< 100	< 0.5	3.1
118480367	< 1	< 2	5	1600	40	< 0.5	9	24	< 0.5	5.06	2.0	< 0.5	< 5	7.7	6900	< 10	50	0.1	3.9	< 2	< 100	< 0.5	4.3
118480368	4	< 2	7	200	32	< 0.5	24	38	< 0.5	7.32	1.8	< 0.5	< 5	< 0.5	5500	< 10	30	0.6	5.8	< 2	< 100	< 0.5	4.9
118480369	< 1	< 2	7	900	56	< 0.5	19	66	2.0	4.30	2.5	< 0.5	< 5	5.4	16300	< 10	60	0.6	10.6	< 2	< 100	< 0.5	14.8
118480370	< 1	< 2	4	600	53	< 0.5	7	35	< 0.5	2.87	2.3	< 0.5	< 5	15.1	6700	< 10	< 20	0.5	4.5	< 2	< 100	< 0.5	5.6
118480371	< 1	< 2	3	700	29	< 0.5	14	55	1.5	2.68	5.7	< 0.5	< 5	9.2	15000	< 10	60	< 0.1	7.2	< 2	< 100	< 0.5	9.6
118480372	3	< 2	2	900	24	0.7	9	66	1.7	2.82	5.5	< 0.5	< 5	< 0.5	22600	< 10	100	0.1	8.6	< 2	< 100	< 0.5	6.6
118480373	< 1	< 2	2	500	22	< 0.5	22	56	3.9	2.23	2.1	< 0.5	< 5	< 0.5	9300	< 10	20	< 0.1	5.9	< 2	< 100	< 0.5	6.3

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480374	< 1	< 2	4	600	43	< 0.5	11	73	< 0.5	3.03	2.9	< 0.5	< 5	5.5	9000	< 10	< 20	0.2	7.8	< 2	< 100	< 0.5	4.5
118480375	< 1	< 2	4	100	29	1.0	7	21	< 0.5	0.95	1.1	< 0.5	< 5	1.7	2600	60	< 20	0.4	3.9	< 2	< 100	< 0.5	3.7
118480376	< 1	< 2	9	1100	32	< 0.5	25	75	3.8	4.23	4.1	< 0.5	< 5	0.7	13100	< 10	80	0.9	11.9	< 2	< 100	< 0.5	14.9
118480377	< 1	< 2	2	800	17	< 0.5	12	53	2.6	3.61	3.3	< 0.5	< 5	1.3	14000	< 10	80	< 0.1	6.8	< 2	< 100	< 0.5	7.6
118480378	< 1	< 2	2	800	33	1.2	15	66	< 0.5	2.75	6.5	< 0.5	< 5	6.8	15600	< 10	20	< 0.1	7.6	< 2	< 100	< 0.5	9.4
118480379	2	< 2	62	600	70	1.0	12	61	0.8	1.85	3.1	< 0.5	< 5	2.9	10000	< 10	< 20	0.4	10.1	< 2	< 100	< 0.5	6.9
118480380	< 1	< 2	16	400	43	2.1	12	49	0.9	2.18	2.7	< 0.5	< 5	1.6	8700	< 10	40	0.6	7.3	< 2	< 100	< 0.5	8.1
118480381	< 1	< 2	5	900	33	< 0.5	27	83	2.7	5.00	5.5	< 0.5	< 5	1.7	20700	< 10	30	0.5	12.7	< 2	200	< 0.5	12.1
118480382	< 1	< 2	< 1	900	20	< 0.5	10	63	0.9	2.65	5.9	< 0.5	< 5	1.7	23100	< 10	80	< 0.1	8.3	< 2	< 100	< 0.5	6.5
118480383	< 1	< 2	< 1	1100	15	< 0.5	9	51	1.3	3.41	4.2	< 0.5	< 5	1.1	19300	< 10	70	< 0.1	7.8	< 2	< 100	< 0.5	5.7
118480384	< 1	< 2	4	500	57	< 0.5	27	56	1.4	6.11	2.8	< 0.5	< 5	1.5	9900	< 10	50	0.2	8.1	< 2	< 100	< 0.5	8.1
118480385	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	4	< 0.5	0.24	< 0.5	< 0.5	< 5	< 0.5	100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480386	< 1	< 2	4	100	65	0.8	2	16	< 0.5	2.35	< 0.5	< 0.5	< 5	4.5	900	< 10	< 20	0.3	1.7	2	< 100	< 0.5	2.8
118480387	1	< 2	7	600	66	< 0.5	29	69	0.9	2.81	4.2	< 0.5	< 5	3.6	16200	< 10	90	0.9	8.7	< 2	< 100	< 0.5	17.0
118480388	< 1	< 2	8	1400	87	< 0.5	17	82	2.3	3.20	7.2	< 0.5	< 5	2.6	21100	< 10	60	< 0.1	10.1	< 2	< 100	< 0.5	10.6
118480389	< 1	< 2	24	1100	581	< 0.5	25	76	< 0.5	3.93	3.6	< 0.5	< 5	7.3	18300	< 10	110	1.5	11.4	10	< 100	< 0.5	10.7
118480390	< 1	< 2	10	2700	73	< 0.5	42	50	< 0.5	5.19	2.3	< 0.5	< 5	11.6	7200	< 10	< 20	0.5	5.6	< 2	< 100	< 0.5	4.4
118480391	< 1	< 2	3	200	16	< 0.5	9	46	< 0.5	2.67	3.0	< 0.5	< 5	1.9	10300	< 10	< 20	< 0.1	6.4	< 2	< 100	< 0.5	8.6
118480392	< 1	< 2	5	800	35	< 0.5	15	67	1.9	2.92	6.9	< 0.5	< 5	15.1	16700	< 10	80	0.2	8.3	< 2	< 100	< 0.5	10.8
118480393	< 1	< 2	5	300	50	< 0.5	5	20	0.6	1.28	< 0.5	< 0.5	< 5	10.4	2900	< 10	< 20	0.2	3.2	< 2	< 100	< 0.5	3.4
118480394	< 1	< 2	2	200	25	< 0.5	7	19	< 0.5	1.00	< 0.5	< 0.5	< 5	1.9	2300	< 10	< 20	0.1	2.3	< 2	< 100	< 0.5	3.3
118480395	< 1	< 2	24	500	53	< 0.5	47	65	< 0.5	8.49	1.6	< 0.5	< 5	< 0.5	8000	< 10	40	0.4	8.3	< 2	< 100	< 0.5	10.4
118480396	< 1	< 2	3	600	30	< 0.5	16	52	1.1	2.37	3.6	< 0.5	< 5	< 0.5	8900	< 10	110	0.5	8.2	< 2	< 100	< 0.5	11.8
118480397	< 1	< 2	2	200	36	< 0.5	16	14	< 0.5	2.84	0.5	< 0.5	< 5	< 0.5	1900	< 10	< 20	0.2	2.7	< 2	< 100	< 0.5	3.0
118480398	< 1	< 2	4	700	23	< 0.5	12	45	0.7	2.86	2.7	< 0.5	< 5	2.3	11900	< 10	30	0.4	6.6	< 2	< 100	< 0.5	7.8

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480122	1.3	< 1	< 20	46.5	85	51	5.6	1.0	< 0.2	1.6	0.2	15.7	0.149	< 1	0.086	15.9	0.6	5	0.066	0.63	1.50	0.24	0.09
118480123	3.7	< 1	150	65.7	117	68	8.3	1.6	0.8	2.1	0.3	15.9	0.082	< 1	0.113	13.3	0.6	4	0.043	0.41	1.39	0.14	0.08
118480124	2.6	< 1	60	56.5	96	42	7.3	1.1	0.3	2.1	0.3	15.7	0.125	< 1	0.101	18.4	0.8	6	0.058	0.65	1.85	0.28	0.15
118480125	3.8	< 1	50	104	118	122	12.9	2.7	0.9	1.8	0.3	15.3	0.052	< 1	0.036	12.0	0.3	3	0.037	0.32	0.88	0.09	0.06
118480126	21.0	< 1	30	68.8	115	67	8.3	1.5	0.6	2.4	0.6	15.9	0.063	< 1	0.064	6.6	0.5	2	0.037	0.20	0.91	0.08	0.11
118480127	< 0.1	< 1	< 20	7.8	12	5	1.0	< 0.2	< 0.2	0.5	< 0.1	0.625	0.011	< 1	0.039	0.8	0.1	5	0.030	0.05	0.26	0.02	0.04
118480128	2.4	< 1	70	23.7	43	29	3.4	0.8	< 0.2	0.9	0.1	15.7	0.062	< 1	0.041	5.6	0.2	3	0.033	0.28	0.45	0.06	0.05
118480129	2.5	< 1	< 20	51.6	96	35	5.9	1.3	< 0.2	1.6	0.2	15.5	0.168	< 1	0.096	16.3	0.6	4	0.070	0.69	1.46	0.25	0.09
118480130	2.1	< 1	90	40.7	67	43	5.4	0.9	< 0.2	1.3	0.2	15.5	0.032	< 1	0.077	8.8	0.4	4	0.040	0.22	1.03	0.12	0.08
118480131	3.5	< 1	50	53.2	71	73	6.8	1.1	< 0.2	0.9	0.2	12.2	0.016	2	0.026	1.1	< 0.1	4	0.024	0.08	0.23	0.02	< 0.02
118480132	3.1	< 1	50	40.6	70	38	5.1	1.2	< 0.2	1.6	0.2	16.0	0.122	< 1	0.082	14.6	0.4	5	0.052	0.71	1.17	0.19	0.11
118480133	23.0	< 1	< 20	72.2	124	66	8.7	1.7	1.4	2.6	0.6	15.5	0.065	< 1	0.067	6.8	0.5	2	0.041	0.21	0.94	0.09	0.11
118480134	3.2	< 1	260	67.7	102	71	7.9	1.4	0.3	2.0	0.3	15.6	0.089	< 1	0.083	12.4	0.7	5	0.050	0.45	1.58	0.17	0.08
118480135	1.2	< 1	50	19.4	33	25	2.7	0.4	< 0.2	0.8	0.1	11.9	0.021	< 1	0.053	2.7	0.2	3	0.030	0.13	0.50	0.06	0.04
118480136	17.9	< 1	< 20	36.5	52	52	6.0	1.0	0.6	1.3	0.4	15.8	0.054	2	0.030	11.3	< 0.1	3	0.030	0.27	0.51	0.10	0.06
118480137	2.7	< 1	60	38.2	64	57	5.7	1.9	< 0.2	2.0	0.2	12.2	0.011	< 1	0.149	8.1	0.5	4	0.025	0.23	1.29	0.06	0.08
118480138	4.8	< 1	100	54.3	98	44	6.3	1.1	< 0.2	1.9	0.3	15.6	0.132	< 1	0.156	17.1	0.6	5	0.056	0.57	1.47	0.25	0.10
118480139	6.2	< 1	260	69.1	122	48	8.7	1.3	< 0.2	2.4	0.4	13.2	0.098	< 1	0.118	13.3	0.7	5	0.049	0.47	1.80	0.19	0.11
118480140	< 0.1	< 1	< 20	0.3	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.9	< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.017	< 0.01	< 0.01	< 0.01	< 0.02
118480141	2.5	< 1	50	43.9	81	41	7.1	1.4	0.8	1.9	0.3	15.9	0.107	< 1	0.112	8.8	0.4	3	0.041	0.38	0.84	0.14	0.06
118480142	4.6	< 1	180	24.9	34	27	3.4	0.4	< 0.2	1.1	0.3	15.8	0.055	2	0.049	6.9	0.2	7	0.054	0.31	0.73	0.11	0.05
118480143	2.8	< 1	200	65.9	122	65	7.9	1.7	0.8	2.4	0.3	15.3	0.095	< 1	0.142	11.2	0.5	4	0.044	0.42	1.27	0.15	0.08
118480144	1.1	< 1	< 20	15.8	29	18	2.5	0.5	< 0.2	0.9	0.1	15.8	0.014	< 1	0.060	0.9	0.2	2	0.028	0.08	0.45	0.02	< 0.02
118480145	3.6	< 1	220	33.0	46	34	4.3	0.9	< 0.2	1.1	0.2	15.8	0.050	3	0.031	6.3	0.2	3	0.026	0.28	0.54	0.05	0.04
118480146	8.0	< 1	110	25.2	35	26	3.0	0.5	< 0.2	1.1	0.2	12.7	0.040	2	0.046	4.6	0.2	9	0.040	0.27	0.54	0.05	0.03
118480147	23.3	< 1	70	73.7	129	78	11.0	1.8	1.7	2.7	0.6	15.9	0.072	< 1	0.075	7.3	0.6	2	0.040	0.24	1.08	0.09	0.12
118480148	2.0	< 1	390	70.4	88	74	7.9	1.4	1.0	2.2	0.3	15.8	0.049	1	0.039	6.2	0.7	7	0.029	0.20	1.34	0.06	0.04
118480149	3.2	< 1	120	7.0	10	15	0.9	< 0.2	< 0.2	0.4	< 0.1	15.0	0.006	2	0.027	0.5	< 0.1	8	0.021	0.17	0.13	0.01	< 0.02
118480150	1.3	< 1	140	54.7	99	55	6.4	1.1	< 0.2	2.0	0.3	15.8	0.114	< 1	0.107	12.8	0.6	5	0.055	0.54	1.45	0.20	0.13
118480151	0.9	< 1	< 20	36.3	56	34	5.3	1.2	1.9	1.4	0.2	1.05	0.058	< 1	0.128	7.7	0.4	6	0.046	0.24	1.77	0.06	0.08
118480152	6.9	2	40	40.7	68	55	5.0	1.0	< 0.2	1.4	0.2	15.4	0.065	< 1	0.220	7.8	0.3	5	0.045	0.33	0.71	0.09	0.08
118480153	2.7	< 1	460	61.3	99	46	7.0	1.4	0.8	2.1	0.3	15.8	0.115	< 1	0.115	13.3	0.7	6	0.056	0.50	1.72	0.19	0.09
118480154	19.6	< 1	30	64.0	123	56	7.8	1.8	1.0	2.3	0.6	15.6	0.070	< 1	0.070	7.1	0.5	4	0.040	0.23	1.03	0.09	0.11
118480155	2.5	< 1	360	64.3	98	56	7.5	1.5	< 0.2	2.2	0.3	15.5	0.037	1	0.067	5.3	0.6	5	0.031	0.24	1.46	0.04	0.06
118480156	3.8	< 1	270	57.7	91	57	6.9	1.1	0.4	1.9	0.2	16.0	0.084	< 1	0.191	13.2	0.7	6	0.057	0.43	1.75	0.16	0.09
118480157	4.8	< 1	110	38.5	67	27	4.9	1.0	< 0.2	1.4	0.3	15.9	0.111	< 1	0.158	13.4	0.4	6	0.056	0.56	1.04	0.14	0.09
118480158	4.7	< 1	< 20	53.3	89	46	7.2	1.6	0.7	2.1	0.2	15.8	0.062	< 1	0.092	10.9	0.3	2	0.028	0.24	0.84	0.05	0.07
118480159	2.8	< 1	70	56.9	101	59	7.7	1.9	0.4	2.2	0.2	15.6	0.088	< 1	0.112	12.8	0.6	5	0.043	0.43	1.48	0.19	0.10
118480160	21.1	< 1	40	46.6	68	56	7.1	1.0	0.7	1.4	0.4	15.6	0.038	< 1	0.033	9.0	< 0.1	3	0.029	0.20	0.54	0.07	0.06
118480161	24.2	< 1	60	71.2	131	83	9.9	1.9	0.9	2.7	0.6	16.0	0.069	< 1	0.065	6.6	0.5	2	0.036	0.22	0.96	0.09	0.10
118480162	3.4	< 1	170	65.8	92	55	7.0	1.5	< 0.2	1.8	0.3	15.8	0.096	< 1	0.107	11.5	0.5	5	0.048	0.44	1.28	0.14	0.08
118480163	4.5	< 1	< 20	49.6	81	47	6.3	1.5	0.3	1.6	0.2	15.9	0.063	< 1	0.103	7.3	0.4	2	0.042	0.24	1.00	0.06	0.09

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480164	8.4	< 1	710	120	180	92	11.6	2.3	< 0.2	3.5	0.4	12.1	0.100	< 1	0.072	12.5	1.1	4	0.044	0.42	2.64	0.15	0.10
118480165	1.0	< 1	250	53.4	64	41	5.7	1.0	0.5	1.6	0.2	16.0	0.092	1	0.051	10.4	0.5	5	0.057	0.34	0.98	0.11	0.05
118480166	2.5	< 1	130	38.1	62	43	5.1	0.9	< 0.2	1.3	0.2	15.2	0.049	< 1	0.052	5.6	0.3	4	0.040	0.22	0.79	0.08	0.05
118480167	2.6	< 1	130	78.9	114	87	10.4	2.2	< 0.2	2.7	0.4	12.0	0.135	< 1	0.097	18.3	0.9	8	0.062	0.67	2.07	0.29	0.15
118480168	40.9	< 1	230	31.1	55	49	4.4	1.7	1.1	2.8	0.8	15.9	0.066	< 1	0.109	8.2	0.4	10	0.043	0.34	1.07	0.10	0.47
118480169	3.2	< 1	60	46.9	75	45	5.7	1.3	0.6	1.6	0.2	15.4	0.114	< 1	0.061	11.7	0.5	5	0.046	0.45	1.10	0.16	0.07
118480170	5.2	< 1	40	42.5	73	36	5.4	1.2	< 0.2	1.5	0.3	15.9	0.097	< 1	0.060	9.4	0.3	2	0.033	0.38	0.65	0.08	0.06
118480171	2.4	< 1	110	15.9	28	21	2.0	0.4	< 0.2	0.8	0.1	15.7	0.045	2	0.033	5.5	0.2	9	0.033	0.31	0.45	0.08	0.05
118480172	4.3	< 1	190	73.0	96	90	9.4	1.7	0.8	3.0	0.4	15.8	0.077	< 1	0.066	13.7	0.7	7	0.044	0.45	1.58	0.20	0.09
118480173	21.0	< 1	50	51.8	66	45	4.4	0.7	< 0.2	0.8	0.3	15.9	0.025	< 1	0.076	4.5	0.1	5	0.033	0.18	0.52	0.05	0.03
118480174	1.8	< 1	120	31.8	57	28	4.3	0.8	0.3	1.6	0.2	15.2	0.050	< 1	0.056	6.1	0.4	5	0.032	0.24	0.97	0.09	0.06
118480175	< 0.1	< 1	< 20	0.3	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.9	< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.015	< 0.01	< 0.01	< 0.01	< 0.02
118480176	3.7	< 1	330	34.3	58	28	4.4	1.0	< 0.2	1.3	0.2	15.5	0.061	4	0.052	6.9	0.4	4	0.032	0.32	0.58	0.07	0.05
118480177	0.9	< 1	80	42.5	75	40	5.5	1.1	0.6	1.8	0.2	15.9	0.105	< 1	0.057	8.8	0.3	4	0.043	0.42	0.86	0.13	0.06
118480178	21.2	< 1	30	28.1	44	41	3.8	1.2	< 0.2	1.1	0.4	12.1	0.054	2	0.030	5.2	0.2	8	0.034	0.34	0.53	0.08	0.04
118480179	3.5	< 1	30	13.5	15	16	2.0	0.5	< 0.2	0.9	0.2	15.2	0.011	< 1	0.029	2.3	< 0.1	4	0.028	0.10	0.36	0.02	0.02
118480180	8.5	< 1	200	51.8	94	46	6.2	1.5	< 0.2	1.9	0.3	15.4	0.134	< 1	0.197	18.4	0.7	7	0.069	0.70	1.64	0.29	0.10
118480181	2.6	< 1	90	38.7	74	65	6.3	1.2	0.3	1.5	0.2	15.3	0.029	< 1	0.140	7.1	0.4	2	0.032	0.22	1.12	0.06	0.06
118480182	22.7	< 1	30	61.9	132	85	8.0	1.7	0.7	2.3	0.6	15.4	0.072	< 1	0.070	7.6	0.6	2	0.044	0.24	1.05	0.09	0.12
118480183	3.9	< 1	70	80.5	108	91	9.9	2.2	0.9	2.5	0.3	15.9	0.061	< 1	0.105	15.5	0.6	4	0.031	0.44	1.38	0.10	0.10
118480184	5.7	< 1	< 20	17.7	30	30	2.7	0.6	< 0.2	0.9	0.2	15.8	0.017	1	0.032	3.2	0.2	4	0.027	0.12	0.48	0.03	0.03
118480185	7.6	< 1	110	36.6	59	31	4.2	1.1	< 0.2	1.4	0.2	16.0	0.086	1	0.064	11.8	0.3	6	0.044	0.56	0.99	0.11	0.09
118480186	3.8	< 1	80	20.6	34	34	2.8	0.5	< 0.2	1.0	0.2	15.6	0.040	< 1	0.037	5.4	0.1	8	0.034	0.29	0.50	0.06	0.04
118480187	7.0	< 1	150	35.6	60	47	4.9	1.0	0.6	1.3	0.3	15.7	0.067	< 1	0.044	9.4	0.3	3	0.042	0.49	0.80	0.10	0.04
118480188	25.2	< 1	150	63.3	102	68	6.4	1.0	< 0.2	1.3	0.5	15.9	0.053	< 1	0.089	5.9	0.3	10	0.035	0.29	0.92	0.08	0.05
118480189	24.5	< 1	30	67.9	148	80	9.9	2.1	0.5	2.7	0.6	15.6	0.068	< 1	0.066	6.8	0.5	2	0.040	0.21	0.93	0.09	0.11
118480190	3.6	< 1	730	41.2	64	53	4.9	1.0	0.9	1.1	0.2	15.5	0.006	2	0.023	1.8	0.4	3	0.022	0.08	0.54	0.02	< 0.02
118480191	5.8	< 1	< 20	21.1	33	21	2.7	1.0	< 0.2	0.5	0.1	0.929	0.034	< 1	0.043	7.5	0.2	5	0.042	0.26	0.77	0.09	0.08
118480192	5.0	< 1	90	44.2	59	61	6.2	1.2	< 0.2	1.7	0.3	15.6	0.042	< 1	0.070	7.8	0.4	4	0.033	0.28	0.95	0.11	0.05
118480193	3.2	< 1	170	47.6	101	55	6.1	1.5	< 0.2	1.9	0.3	16.0	0.110	< 1	0.089	14.7	0.6	6	0.052	0.49	1.41	0.20	0.12
118480194	3.4	< 1	50	19.3	35	20	3.0	0.7	< 0.2	0.9	0.1	15.9	0.045	1	0.034	4.5	< 0.1	6	0.036	0.29	0.39	0.05	0.03
118480195	3.1	< 1	100	51.4	79	53	7.2	1.4	0.6	2.4	0.3	15.8	0.071	1	0.031	8.8	0.3	5	0.054	0.31	0.89	0.13	0.05
118480196	25.3	< 1	40	70.9	153	87	11.2	1.8	0.6	2.9	0.6	15.9	0.066	< 1	0.062	6.5	0.5	2	0.038	0.21	0.92	0.09	0.10
118480197	13.8	4	140	83.3	175	86	10.1	2.0	< 0.2	1.8	0.4	15.8	0.023	< 1	0.179	5.8	0.3	3	0.036	0.17	0.91	0.05	0.06
118480198	8.7	< 1	90	10.1	19	21	1.6	0.3	0.3	0.6	0.1	12.2	0.018	2	0.037	2.5	< 0.1	5	0.030	0.14	0.32	0.03	0.04
118480199	9.3	< 1	< 20	39.7	74	37	5.2	1.9	< 0.2	1.5	0.3	15.3	0.084	< 1	0.060	7.2	0.2	2	0.035	0.31	0.51	0.09	0.04
118480200	7.9	< 1	80	43.3	78	40	5.5	1.2	< 0.2	1.6	0.3	16.0	0.085	< 1	0.071	11.2	0.3	8	0.048	0.46	0.89	0.11	0.08
118480201	3.9	< 1	310	67.4	140	72	8.6	1.5	< 0.2	2.5	0.3	15.6	0.091	< 1	0.160	10.7	0.6	6	0.050	0.42	1.37	0.16	0.09
118480202	8.5	< 1	190	35.4	73	39	5.5	1.1	0.9	1.9	0.3	15.9	0.069	< 1	0.170	7.0	0.4	5	0.049	0.32	0.80	0.12	0.06
118480203	25.1	< 1	60	72.3	147	87	9.2	2.0	1.0	3.0	0.6	15.9	0.067	< 1	0.064	6.7	0.5	2	0.039	0.21	0.92	0.09	0.10
118480204	18.0	10	110	57.8	118	79	7.5	1.6	0.6	2.0	0.5	15.5	0.018	< 1	0.238	4.6	0.4	5	0.042	0.13	1.13	0.05	0.06
118480205	8.4	2	< 20	37.1	65	60	5.5	1.0	0.9	1.0	0.2	15.5	0.022	< 1	0.032	6.0	0.2	3	0.036	0.15	0.56	0.06	0.04

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480206	6.6	< 1	270	44.7	84	33	5.7	1.4	< 0.2	1.5	0.3	15.9	0.071	< 1	0.103	7.1	0.3	6	0.042	0.37	0.86	0.08	0.08
118480207	6.1	< 1	50	32.0	59	30	4.3	0.9	< 0.2	1.0	0.2	15.9	0.095	1	0.051	10.4	0.4	8	0.068	0.43	0.89	0.14	0.07
118480208	4.1	< 1	80	14.2	33	31	2.9	0.8	0.3	1.0	0.2	15.4	0.038	2	0.024	6.0	< 0.1	2	0.023	0.18	0.43	0.05	0.06
118480209	1.8	< 1	120	39.5	85	51	5.9	1.5	< 0.2	2.3	0.2	16.0	0.118	< 1	0.068	9.6	0.4	4	0.030	0.42	0.85	0.12	0.05
118480210	< 0.1	< 1	< 20	0.4	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.9	< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.016	< 0.01	< 0.01	< 0.01	< 0.02
118480211	5.2	< 1	80	40.2	73	37	5.4	1.3	< 0.2	2.2	0.2	15.7	0.094	< 1	0.069	9.5	0.3	6	0.038	0.45	0.83	0.11	0.07
118480212	2.4	< 1	< 20	50.1	87	39	5.7	1.3	< 0.2	1.8	0.3	15.8	0.102	< 1	0.117	19.2	0.7	5	0.038	0.59	1.59	0.17	0.11
118480213	2.5	< 1	120	24.4	31	12	3.2	< 0.2	< 0.2	0.7	0.2	0.857	0.044	< 1	0.035	5.3	0.2	6	0.033	0.29	0.50	0.06	0.03
118480214	1.1	< 1	40	6.8	9	18	1.0	< 0.2	< 0.2	0.6	< 0.1	12.0	0.004	1	0.031	0.5	< 0.1	4	0.029	0.04	0.21	0.01	0.03
118480215	3.3	< 1	< 20	19.8	33	19	2.4	0.7	< 0.2	0.7	0.1	16.0	0.046	2	0.043	3.2	0.2	6	0.038	0.22	0.33	0.05	0.04
118480216	1.8	< 1	110	31.5	40	28	3.4	0.4	< 0.2	1.2	0.1	15.6	0.070	< 1	0.034	9.6	0.3	5	0.047	0.34	0.85	0.14	0.03
118480217	21.7	< 1	< 20	72.7	128	67	8.8	1.8	1.3	2.6	0.6	15.9	0.075	< 1	0.068	7.2	0.5	3	0.042	0.22	1.00	0.09	0.11
118480218	8.7	< 1	650	72.1	129	107	11.6	3.2	0.8	2.3	0.5	15.4	0.044	1	0.044	5.4	0.5	2	0.030	0.16	2.31	0.08	0.07
118480219	7.5	< 1	180	63.8	93	57	7.0	1.2	0.9	2.3	0.3	15.7	0.095	< 1	0.210	15.1	0.7	9	0.075	0.45	1.65	0.22	0.09
118480220	3.0	< 1	< 20	87.6	138	114	9.8	1.3	0.9	1.4	0.2	15.9	0.021	2	0.027	1.5	< 0.1	2	0.021	0.08	0.35	0.02	0.04
118480221	11.2	< 1	< 20	51.6	73	48	5.6	1.6	< 0.2	2.0	0.4	15.9	0.071	< 1	0.142	8.2	0.4	2	0.043	0.30	0.82	0.08	0.08
118480222	6.0	< 1	440	55.9	83	46	5.4	1.5	< 0.2	1.3	0.2	15.8	0.018	< 1	0.054	1.7	0.3	5	0.022	0.11	0.83	0.02	< 0.02
118480223	3.5	< 1	< 20	73.9	109	68	7.9	1.4	< 0.2	2.7	0.3	15.7	0.097	< 1	0.054	13.8	0.7	6	0.055	0.50	1.62	0.22	0.08
118480224	24.0	< 1	< 20	79.0	124	87	8.2	1.7	0.9	2.7	0.6	16.0	0.074	< 1	0.069	7.0	0.5	2	0.041	0.23	1.00	0.09	0.11
118480225	2.8	< 1	< 20	20.1	31	25	2.8	0.6	< 0.2	0.9	0.2	15.6	0.051	1	0.034	5.6	< 0.1	7	0.034	0.37	0.50	0.06	0.04
118480226	12.5	< 1	310	25.5	35	30	2.5	0.6	< 0.2	0.7	0.3	15.7	0.012	2	0.029	2.9	0.2	5	0.027	0.13	0.46	0.03	< 0.02
118480227	1.7	< 1	< 20	46.2	73	48	5.6	1.3	< 0.2	1.9	0.3	15.9	0.098	< 1	0.075	12.9	0.3	4	0.036	0.49	0.85	0.14	0.07
118480228	7.6	< 1	180	57.0	66	64	5.8	1.0	< 0.2	1.9	0.3	12.0	0.049	< 1	0.073	5.3	0.4	10	0.034	0.27	0.84	0.07	0.06
118480229	7.6	< 1	140	72.3	100	65	6.5	1.1	0.9	2.3	0.4	12.1	0.060	2	0.037	6.3	0.3	11	0.032	0.34	0.67	0.07	0.05
118480230	3.2	< 1	290	65.8	90	53	7.1	1.4	0.6	2.4	0.3	15.9	0.100	< 1	0.074	9.8	0.5	8	0.046	0.38	1.19	0.11	0.06
118480231	25.7	< 1	< 20	83.0	129	91	8.9	2.1	0.7	3.0	0.7	15.5	0.074	< 1	0.071	7.2	0.6	2	0.043	0.23	1.00	0.09	0.11
118480232	5.9	< 1	< 20	102	126	98	11.6	2.3	0.8	2.6	0.5	15.6	0.072	< 1	0.171	12.6	0.8	6	0.045	0.49	1.52	0.19	0.10
118480233	3.2	< 1	< 20	59.9	96	66	6.3	1.1	< 0.2	2.4	0.2	15.7	0.187	< 1	0.063	17.7	0.6	6	0.074	0.75	1.46	0.27	0.07
118480234	3.3	< 1	170	63.5	96	57	7.0	1.6	< 0.2	2.4	0.3	15.9	0.106	< 1	0.178	11.2	0.6	5	0.048	0.43	1.49	0.16	0.08
118480235	1.9	< 1	< 20	53.3	86	45	6.2	1.2	< 0.2	2.1	0.2	15.9	0.192	< 1	0.068	12.7	0.5	7	0.069	0.68	1.21	0.25	0.08
118480236	2.0	< 1	160	37.7	40	53	4.3	0.9	< 0.2	1.6	0.2	15.9	0.032	2	0.032	2.8	0.2	6	0.033	0.12	0.56	0.04	0.04
118480237	4.1	< 1	< 20	61.6	100	60	6.9	1.5	< 0.2	2.3	0.3	15.9	0.146	< 1	0.070	14.1	0.5	5	0.047	0.50	1.18	0.19	0.09
118480238	23.8	< 1	< 20	80.0	126	78	8.5	2.0	1.1	3.0	0.7	15.9	0.075	< 1	0.071	7.4	0.6	2	0.044	0.23	1.01	0.09	0.11
118480239	4.7	< 1	90	21.1	31	18	2.7	0.7	< 0.2	1.0	0.2	15.6	0.052	2	0.037	5.3	0.1	7	0.034	0.33	0.46	0.05	0.03
118480240	4.8	< 1	280	84.4	140	80	10.4	2.1	1.0	2.7	0.3	15.7	0.033	< 1	0.240	7.4	0.7	4	0.039	0.25	1.82	0.07	0.10
118480241	4.7	< 1	170	78.6	88	66	8.4	2.2	0.4	3.0	0.4	15.5	0.090	< 1	0.054	9.3	0.5	6	0.043	0.39	1.16	0.12	0.08
118480242	4.9	< 1	40	56.0	123	77	9.0	2.0	< 0.2	1.9	0.2	15.7	0.052	< 1	0.119	11.3	0.4	3	0.036	0.30	1.01	0.08	0.09
118480243	6.1	< 1	150	23.7	28	31	3.2	0.8	< 0.2	1.0	0.2	15.3	0.029	2	0.025	2.9	0.1	6	0.025	0.19	0.38	0.04	0.03
118480244	4.2	< 1	60	16.6	32	30	2.6	0.7	< 0.2	0.8	0.2	15.6	0.035	< 1	0.076	3.9	0.1	5	0.031	0.18	0.43	0.04	0.05
118480245	< 0.1	< 1	< 20	0.3	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.9	< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	0.015	< 0.01	< 0.01	< 0.01	< 0.02
118480246	2.9	< 1	240	50.0	103	56	7.5	0.9	< 0.2	1.6	0.3	16.0	0.096	< 1	0.173	10.0	0.6	5	0.049	0.38	1.20	0.15	0.07
118480247	3.0	< 1	130	29.6	47	48	5.3	0.8	0.5	1.9	0.3	12.1	0.019	< 1	0.104	3.7	0.3	7	0.033	0.14	0.83	0.04	0.05

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480248	12.3	< 1	150	23.6	39	29	3.5	0.6	< 0.2	1.2	0.3	15.5	0.041	< 1	0.075	5.5	0.2	3	0.035	0.26	0.58	0.07	0.05
118480249	4.3	< 1	30	29.4	53	38	4.5	0.9	< 0.2	1.4	0.2	12.1	0.060	< 1	0.042	5.1	0.2	4	0.034	0.27	0.51	0.06	0.05
118480250	3.2	< 1	200	46.5	101	54	7.2	1.3	0.6	2.3	0.3	15.9	0.084	< 1	0.314	11.2	0.5	6	0.045	0.40	1.20	0.18	0.08
118480251	2.2	< 1	110	34.5	64	36	5.7	1.1	< 0.2	2.0	0.2	15.7	0.090	2	0.053	8.9	0.4	7	0.046	0.35	1.17	0.13	0.06
118480252	26.2	< 1	< 20	65.2	140	79	9.9	1.9	0.8	2.9	0.7	15.6	0.072	< 1	0.069	6.8	0.5	3	0.039	0.21	0.94	0.08	0.11
118480253	1.6	< 1	210	47.7	109	48	7.8	1.6	< 0.2	2.2	0.2	16.0	0.144	< 1	0.089	13.7	0.6	5	0.050	0.51	1.33	0.19	0.10
118480254	4.5	< 1	80	38.8	84	44	5.6	1.3	< 0.2	1.7	0.2	12.9	0.117	< 1	0.072	9.8	0.4	5	0.052	0.41	0.81	0.15	0.07
118480255	1.7	< 1	230	17.5	30	21	2.7	0.4	< 0.2	1.1	0.1	15.4	0.016	3	0.040	1.0	0.1	3	0.027	0.06	0.35	0.02	0.02
118480256	8.1	< 1	290	45.2	83	52	6.1	1.4	0.6	1.8	0.4	15.9	0.049	3	0.111	6.6	0.8	5	0.041	0.22	2.16	0.09	0.05
118480257	9.1	< 1	120	15.5	25	17	2.5	0.8	< 0.2	0.7	0.1	0.794	0.021	2	0.031	2.5	< 0.1	5	0.025	0.13	0.34	0.03	0.04
118480258	10.3	< 1	200	53.3	105	65	7.4	1.2	< 0.2	2.4	0.3	15.9	0.135	< 1	0.123	14.3	0.7	9	0.082	0.60	1.41	0.25	0.09
118480259	26.2	< 1	70	67.2	149	77	10.4	2.1	1.5	3.2	0.7	15.9	0.076	< 1	0.071	6.8	0.5	2	0.041	0.22	0.98	0.09	0.11
118480260	3.4	< 1	160	23.2	39	38	3.6	0.3	< 0.2	1.4	0.1	13.4	0.017	< 1	0.040	1.8	0.2	4	0.029	0.15	0.40	0.03	0.04
118480261	6.8	< 1	230	32.9	51	28	4.2	1.0	< 0.2	1.3	0.3	1.27	0.057	< 1	0.122	8.6	0.4	15	0.044	0.42	0.78	0.12	0.07
118480262	5.1	< 1	30	21.5	43	27	3.3	0.9	< 0.2	1.0	0.2	15.6	0.050	2	0.025	8.6	0.3	8	0.053	0.34	0.72	0.12	0.05
118480263	5.0	< 1	230	119	137	202	18.1	3.4	2.0	3.2	0.4	13.2	0.029	2	0.111	5.2	0.6	6	0.036	0.20	1.09	0.06	0.08
118480264	3.6	< 1	80	45.9	96	69	7.0	1.2	< 0.2	2.0	0.3	15.6	0.045	< 1	0.052	6.1	0.4	3	0.034	0.21	0.88	0.08	0.05
118480265	3.1	< 1	180	44.1	66	67	8.5	1.3	0.9	3.0	0.5	15.8	0.051	< 1	0.045	6.5	0.4	6	0.055	0.23	0.94	0.09	0.04
118480266	26.7	< 1	40	65.8	148	92	9.3	1.7	0.9	3.0	0.7	15.6	0.072	< 1	0.070	6.8	0.6	2	0.039	0.22	0.96	0.09	0.11
118480267	7.9	< 1	50	29.5	51	39	4.1	0.9	1.0	1.1	0.2	15.4	0.036	2	0.046	4.2	0.2	11	0.040	0.25	0.58	0.05	0.04
118480268	1.6	< 1	30	38.6	73	47	6.2	1.3	< 0.2	2.0	0.2	15.7	0.104	< 1	0.057	8.3	0.4	6	0.042	0.38	0.85	0.11	0.05
118480269	14.0	< 1	770	27.5	45	39	4.3	0.8	< 0.2	0.9	0.3	14.9	0.017	4	0.035	3.9	0.2	7	0.032	0.17	0.44	0.02	0.04
118480270	1.0	< 1	80	23.3	30	38	4.2	1.0	< 0.2	0.7	< 0.1	12.1	0.004	< 1	0.025	0.4	< 0.1	3	0.030	0.04	0.25	< 0.01	< 0.02
118480271	3.9	< 1	110	42.2	95	44	7.2	1.3	< 0.2	2.4	0.2	15.9	0.093	< 1	0.056	8.5	0.5	5	0.044	0.34	1.10	0.11	0.07
118480272	3.5	< 1	280	46.8	102	57	7.1	1.4	< 0.2	2.5	0.2	15.7	0.089	< 1	0.180	11.0	0.5	5	0.056	0.39	1.23	0.19	0.09
118480273	20.1	< 1	< 20	68.6	122	77	8.8	1.6	0.8	2.2	0.6	15.4	0.073	< 1	0.069	6.8	0.5	2	0.040	0.22	0.97	0.09	0.11
118480274	3.4	< 1	110	40.2	66	42	5.5	1.2	< 0.2	1.8	0.2	15.6	0.108	< 1	0.065	11.8	0.5	8	0.046	0.47	1.15	0.18	0.07
118480275	10.8	< 1	30	21.6	32	27	2.7	0.5	< 0.2	0.9	0.2	15.9	0.037	1	0.031	3.6	< 0.1	7	0.035	0.28	0.44	0.05	0.02
118480276	9.2	< 1	320	80.0	124	56	7.8	1.6	< 0.2	1.8	0.3	15.8	0.055	< 1	0.196	7.6	0.5	8	0.038	0.33	1.24	0.08	0.09
118480277	3.0	< 1	250	80.7	135	71	9.9	1.6	< 0.2	2.7	0.3	15.4	0.112	< 1	0.187	12.2	0.6	6	0.053	0.46	1.63	0.19	0.12
118480278	4.1	< 1	40	26.4	47	41	3.2	0.8	< 0.2	0.8	0.2	15.6	0.049	< 1	0.056	4.7	0.2	7	0.036	0.26	0.53	0.05	0.06
118480279	3.2	< 1	< 20	30.1	56	30	4.8	0.9	< 0.2	1.4	0.2	15.7	0.075	< 1	0.056	6.4	0.2	5	0.035	0.29	0.61	0.09	0.05
118480280	< 0.1	< 1	< 20	0.3	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.8	< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	0.016	< 0.01	< 0.01	< 0.01	< 0.02
118480281	4.3	< 1	120	41.5	71	41	5.4	1.0	< 0.2	1.4	0.2	15.7	0.088	< 1	0.194	8.5	0.3	4	0.047	0.35	0.74	0.08	0.07
118480282	20.9	< 1	70	45.7	82	42	5.9	0.9	0.9	1.6	0.4	12.1	0.062	2	0.100	8.6	0.3	9	0.052	0.33	0.96	0.08	0.08
118480283	2.3	< 1	40	53.6	90	61	7.4	1.1	< 0.2	1.5	0.2	15.3	0.067	< 1	0.064	8.9	0.5	4	0.039	0.28	1.25	0.11	0.04
118480284	6.8	< 1	180	20.8	29	22	2.6	0.6	< 0.2	0.9	0.1	15.6	0.035	4	0.026	3.3	< 0.1	7	0.025	0.26	0.37	0.04	0.03
118480285	5.0	< 1	< 20	34.4	63	32	4.8	1.1	< 0.2	1.5	0.2	15.5	0.095	< 1	0.063	9.5	0.2	6	0.039	0.37	0.69	0.09	0.05
118480286	15.0	< 1	80	34.0	44	58	6.1	0.9	0.6	1.2	0.3	15.8	0.048	1	0.023	6.8	< 0.1	3	0.026	0.25	0.50	0.09	0.05
118480287	23.0	< 1	50	75.6	135	77	9.1	1.5	< 0.2	2.8	0.6	15.8	0.075	< 1	0.068	6.9	0.5	2	0.039	0.22	0.96	0.08	0.11
118480288	3.5	< 1	50	45.2	86	39	5.9	1.1	0.8	1.7	0.2	15.8	0.115	< 1	0.090	10.2	0.3	3	0.046	0.47	0.84	0.10	0.09
118480289	4.7	< 1	110	46.5	91	36	5.6	0.9	< 0.2	1.5	0.2	15.6	0.130	< 1	0.230	12.1	0.5	6	0.057	0.54	1.15	0.23	0.11

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480290	6.4	< 1	30	40.6	76	47	5.3	1.1	0.6	1.6	0.2	15.6	0.046	< 1	0.121	8.5	0.3	4	0.032	0.27	0.94	0.06	0.11
118480291	4.3	< 1	110	21.1	23	8	2.7	0.6	< 0.2	0.8	0.1	0.757	0.027	2	0.027	3.2	0.1	10	0.034	0.22	0.43	0.05	0.03
118480292	7.5	< 1	110	49.9	91	37	5.8	1.2	< 0.2	1.6	0.3	15.5	0.107	< 1	0.119	15.7	0.5	6	0.053	0.63	1.21	0.17	0.11
118480293	3.0	< 1	70	44.9	89	46	6.8	1.4	< 0.2	1.9	0.3	15.4	0.120	< 1	0.082	11.8	0.4	4	0.047	0.44	0.84	0.10	0.07
118480294	21.8	< 1	< 20	74.6	135	72	9.8	1.8	1.8	2.3	0.6	15.6	0.072	< 1	0.067	6.6	0.4	2	0.041	0.21	0.95	0.09	0.11
118480295	3.1	< 1	100	48.8	78	47	6.4	1.2	0.5	1.6	0.2	15.7	0.086	< 1	0.065	10.0	0.4	6	0.050	0.38	1.08	0.13	0.05
118480296	3.5	< 1	< 20	39.2	69	33	5.2	0.9	0.4	1.2	0.2	15.4	0.074	< 1	0.053	5.1	0.2	2	0.035	0.20	0.51	0.04	0.06
118480297	5.3	< 1	50	25.6	37	39	3.3	0.6	< 0.2	1.0	0.1	15.5	0.038	< 1	0.040	5.2	0.2	4	0.037	0.26	0.61	0.07	0.04
118480298	4.0	< 1	280	53.3	89	60	6.6	1.1	< 0.2	1.8	0.3	15.8	0.101	< 1	0.051	16.9	0.5	7	0.061	0.51	1.57	0.22	0.08
118480299	4.2	< 1	70	46.7	95	45	6.4	1.4	< 0.2	1.5	0.2	15.4	0.049	< 1	0.140	5.7	0.3	2	0.031	0.19	0.89	0.05	0.06
118480300	2.6	< 1	130	57.0	102	34	7.3	1.4	< 0.2	1.9	0.3	15.8	0.133	< 1	0.070	8.0	0.5	4	0.044	0.39	1.06	0.12	0.07
118480301	21.5	< 1	170	72.4	131	71	9.5	1.6	0.6	2.8	0.6	15.8	0.079	< 1	0.074	7.1	0.6	3	0.042	0.23	1.02	0.09	0.11
118480302	5.8	< 1	490	67.5	94	66	8.4	1.3	< 0.2	1.4	0.3	15.8	0.030	2	0.076	4.5	0.4	11	0.033	0.28	1.09	0.06	0.05
118480303	0.5	< 1	< 20	18.2	29	23	2.9	0.6	< 0.2	0.9	< 0.1	12.1	0.022	< 1	0.034	3.5	0.1	2	0.024	0.12	0.44	0.02	0.03
118480304	2.0	< 1	130	10.3	16	5	1.2	< 0.2	< 0.2	0.3	< 0.1	0.916	0.019	< 1	0.036	1.6	0.1	6	0.026	0.15	0.27	0.03	0.04
118480305	11.7	< 1	110	20.5	34	25	1.9	0.7	< 0.2	0.7	0.2	12.1	0.036	2	0.037	4.6	0.2	5	0.034	0.28	0.53	0.05	0.04
118480306	2.9	< 1	120	64.0	112	61	8.0	1.4	0.6	2.1	0.3	15.5	0.138	< 1	0.076	14.1	0.6	6	0.060	0.52	1.31	0.21	0.08
118480307	16.6	< 1	50	21.6	29	38	3.0	0.7	< 0.2	0.7	0.3	15.6	0.016	1	0.025	2.1	< 0.1	5	0.027	0.11	0.29	0.03	0.03
118480308	11.8	< 1	200	48.3	85	48	7.9	1.9	0.9	3.9	0.6	15.7	0.063	< 1	0.110	15.2	0.9	10	0.061	0.62	1.32	0.14	1.14
118480309	6.5	< 1	60	25.4	33	27	3.0	0.8	< 0.2	0.7	0.2	15.4	0.029	< 1	0.023	3.5	< 0.1	5	0.034	0.17	0.37	0.04	0.03
118480310	5.2	< 1	320	50.3	84	45	5.9	1.0	0.9	2.2	0.3	15.3	0.027	2	0.045	2.4	0.3	3	0.025	0.11	1.19	0.04	0.03
118480311	3.2	< 1	1020	23.9	36	21	2.7	0.4	< 0.2	1.0	0.2	15.8	0.031	4	0.027	5.7	0.4	3	0.024	0.21	0.43	0.04	0.05
118480312	2.5	< 1	80	81.2	156	63	9.0	1.8	0.8	2.8	0.3	15.5	0.159	< 1	0.076	13.8	0.6	5	0.063	0.54	1.53	0.19	0.11
118480313	1.9	< 1	50	43.0	70	49	5.8	1.2	< 0.2	1.4	0.2	15.8	0.021	< 1	0.051	4.7	0.2	3	0.029	0.14	0.79	0.04	0.04
118480314	2.0	< 1	80	31.4	60	25	4.3	0.9	< 0.2	1.6	0.2	15.9	0.074	< 1	0.080	7.8	0.2	9	0.046	0.35	0.63	0.10	0.04
118480315	< 0.1	< 1	< 20	0.3	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	16.0	< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.014	< 0.01	< 0.01	< 0.01	< 0.02
118480316	2.5	< 1	< 20	52.5	104	41	6.9	1.2	< 0.2	2.0	0.2	15.6	0.183	< 1	0.074	13.7	0.6	16	0.058	0.67	1.28	0.29	0.09
118480317	5.0	< 1	30	28.7	43	35	3.3	0.6	< 0.2	1.2	0.2	13.2	0.014	< 1	0.029	2.2	0.2	3	0.032	0.08	0.44	0.03	0.03
118480318	3.4	< 1	220	56.0	110	55	8.0	1.6	< 0.2	2.0	0.3	16.0	0.120	< 1	0.058	8.8	0.4	4	0.038	0.37	1.55	0.19	0.07
118480319	5.0	< 1	40	23.0	37	23	2.8	0.3	0.3	0.9	0.2	13.1	0.043	1	0.040	5.4	0.2	7	0.038	0.31	0.51	0.06	0.04
118480320	2.5	< 1	100	66.3	117	52	6.5	1.6	< 0.2	2.1	0.3	15.9	0.119	< 1	0.074	13.6	0.5	6	0.049	0.46	1.38	0.19	0.11
118480321	11.7	< 1	< 20	23.6	35	34	2.7	0.6	< 0.2	0.8	0.2	12.1	0.020	1	0.029	4.3	0.1	4	0.037	0.12	0.34	0.04	0.04
118480322	23.0	< 1	60	82.3	147	81	9.0	1.6	2.2	2.4	0.6	15.8	0.065	< 1	0.063	6.3	0.5	2	0.036	0.20	0.88	0.08	0.10
118480323	2.5	< 1	< 20	22.8	23	22	2.8	0.7	< 0.2	0.8	0.1	15.6	0.013	< 1	0.018	2.3	< 0.1	3	0.034	0.09	0.29	0.03	0.03
118480324	3.7	< 1	160	18.1	28	32	2.1	0.4	< 0.2	0.5	< 0.1	12.2	0.020	3	0.027	2.1	< 0.1	8	0.035	0.16	0.23	0.03	0.03
118480325	4.2	< 1	60	6.5	10	14	0.9	< 0.2	< 0.2	0.1	< 0.1	16.0	0.007	1	0.022	0.4	< 0.1	4	0.026	0.08	0.18	0.01	< 0.02
118480326	2.7	< 1	120	69.7	93	78	8.5	1.6	0.4	1.9	0.2	15.8	0.034	< 1	0.048	10.4	0.3	4	0.028	0.24	0.75	0.07	0.08
118480327	2.0	< 1	60	43.2	72	41	5.9	1.1	< 0.2	1.3	0.2	15.9	0.033	< 1	0.084	6.0	0.3	4	0.036	0.19	0.73	0.07	0.05
118480328	2.8	< 1	160	158	214	195	20.2	3.5	2.0	2.8	0.3	15.9	0.055	< 1	0.043	8.6	0.6	7	0.034	0.32	1.42	0.12	0.06
118480329	21.5	< 1	20	78.6	140	91	8.9	1.3	1.5	2.6	0.6	15.6	0.072	< 1	0.066	6.4	0.5	3	0.042	0.21	0.94	0.08	0.10
118480330	3.0	< 1	160	48.8	72	55	5.4	0.9	< 0.2	1.9	0.3	15.4	0.040	< 1	0.046	5.1	0.4	7	0.048	0.21	0.89	0.08	0.04
118480331	5.4	< 1	1640	310	313	249	31.8	5.3	3.8	4.0	0.6	15.6	0.020	3	0.030	1.9	0.9	5	0.017	0.11	0.75	0.03	0.02

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480332	8.1	< 1	30	45.8	81	38	4.8	1.0	< 0.2	1.4	0.3	15.4	0.075	< 1	0.266	8.0	0.3	9	0.058	0.37	0.83	0.09	0.07
118480333	2.9	< 1	100	42.4	69	52	5.4	1.0	0.9	1.7	0.2	16.0	0.130	< 1	0.079	12.2	0.5	6	0.060	0.48	1.47	0.17	0.10
118480334	3.7	< 1	< 20	31.5	33	32	3.8	0.7	0.3	1.3	0.2	15.9	0.031	< 1	0.028	6.4	0.2	5	0.044	0.18	0.73	0.08	0.04
118480335	1.8	< 1	70	32.6	51	34	4.3	0.8	< 0.2	1.6	0.2	15.5	0.090	< 1	0.049	8.3	0.4	7	0.044	0.33	1.03	0.10	0.07
118480336	21.5	< 1	30	64.4	130	63	7.0	1.5	1.7	2.4	0.5	15.9	0.073	< 1	0.064	6.5	0.5	3	0.041	0.21	0.96	0.08	0.11
118480337	3.4	< 1	20	15.4	19	24	2.1	0.3	< 0.2	0.5	0.1	15.9	0.018	< 1	0.031	3.6	0.1	5	0.037	0.12	0.40	0.04	0.04
118480338	4.0	< 1	< 20	22.2	36	25	3.3	0.3	< 0.2	1.0	0.2	15.6	0.059	< 1	0.040	7.5	0.2	8	0.036	0.34	0.55	0.08	0.03
118480339	2.2	< 1	150	56.4	73	71	8.4	1.6	0.4	2.1	0.3	16.0	0.024	< 1	0.055	4.2	0.4	6	0.028	0.15	1.11	0.05	0.04
118480340	4.9	< 1	110	35.9	49	39	4.0	1.0	< 0.2	1.5	0.2	15.9	0.083	< 1	0.045	13.7	0.4	9	0.064	0.41	1.11	0.20	0.07
118480341	2.5	< 1	< 20	26.1	46	21	3.7	1.0	0.9	1.0	0.1	15.9	0.107	1	0.046	6.3	0.2	3	0.046	0.39	0.53	0.10	0.05
118480342	4.9	< 1	< 20	30.3	57	29	3.8	0.9	< 0.2	1.6	0.1	15.9	0.081	< 1	0.064	12.6	0.3	7	0.039	0.41	0.79	0.12	0.07
118480343	22.9	< 1	< 20	66.4	133	83	8.5	2.1	1.0	2.6	0.6	15.2	0.072	< 1	0.067	6.9	0.5	3	0.043	0.22	1.00	0.09	0.11
118480344	2.6	< 1	60	29.5	51	38	4.2	0.9	< 0.2	1.4	0.2	15.6	0.016	< 1	0.043	2.3	0.3	4	0.027	0.08	1.03	0.03	0.05
118480345	6.5	< 1	40	43.0	77	30	5.6	1.2	< 0.2	1.8	0.3	16.0	0.088	< 1	0.178	16.2	0.5	8	0.042	0.57	1.14	0.18	0.10
118480346	6.1	< 1	330	43.3	79	48	5.6	1.3	< 0.2	1.6	0.3	15.9	0.080	< 1	0.185	9.4	0.4	6	0.037	0.37	0.83	0.08	0.10
118480347	3.4	< 1	230	82.1	119	120	10.8	2.4	1.0	3.2	0.4	15.5	0.065	< 1	0.125	12.3	0.9	6	0.044	0.38	1.94	0.16	0.08
118480348	3.7	< 1	340	144	193	142	12.2	2.8	2.0	4.2	0.5	15.7	0.083	1	0.054	15.2	1.5	5	0.045	0.36	4.07	0.13	0.08
118480349	4.4	< 1	140	60.9	108	61	7.9	1.6	0.5	2.5	0.3	15.6	0.122	< 1	0.086	18.2	0.8	7	0.055	0.66	1.71	0.24	0.12
118480350	< 0.1	< 1	< 20	0.4	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	16.0	< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.017	< 0.01	< 0.01	< 0.01	< 0.02
118480351	6.9	< 1	80	30.0	36	48	4.0	1.1	< 0.2	1.0	0.2	15.7	0.038	1	0.032	4.7	< 0.1	8	0.037	0.27	0.52	0.05	0.04
118480352	2.3	< 1	90	24.2	41	44	3.1	0.7	< 0.2	1.0	0.2	13.1	0.012	< 1	0.139	7.0	0.3	5	0.030	0.17	1.06	0.04	0.09
118480353	3.5	< 1	960	102	168	104	11.4	2.6	< 0.2	3.2	0.4	15.5	0.032	< 1	0.085	5.5	0.8	4	0.030	0.13	2.00	0.05	0.06
118480354	3.7	1	210	18.0	21	33	2.4	0.5	< 0.2	0.8	0.1	12.1	0.018	2	0.030	2.5	< 0.1	8	0.029	0.13	0.24	0.02	0.03
118480355	2.6	< 1	80	47.3	71	50	6.2	1.3	< 0.2	1.8	0.2	15.8	0.086	< 1	0.068	8.0	0.3	3	0.040	0.34	0.84	0.07	0.10
118480356	7.3	< 1	40	19.9	28	24	3.2	0.9	< 0.2	1.0	0.2	12.1	0.030	2	0.031	4.9	0.2	7	0.029	0.20	0.46	0.05	0.06
118480357	23.7	< 1	50	67.0	129	94	8.5	1.5	0.7	3.1	0.6	15.7	0.071	< 1	0.067	6.6	0.5	2	0.043	0.22	0.98	0.08	0.11
118480358	4.8	< 1	< 20	40.2	70	35	4.9	1.2	< 0.2	1.4	0.2	15.8	0.086	< 1	0.239	11.0	0.4	5	0.058	0.45	0.89	0.12	0.09
118480359	2.6	< 1	20	31.6	56	49	4.7	0.9	< 0.2	1.4	0.2	16.0	0.034	< 1	0.038	7.2	0.3	4	0.045	0.18	1.07	0.07	0.06
118480360	3.6	< 1	450	91.3	162	105	10.8	2.3	1.2	3.1	0.4	15.7	0.057	< 1	0.066	7.9	0.8	5	0.037	0.28	1.95	0.12	0.08
118480361	2.5	< 1	70	14.9	23	24	2.4	0.5	0.4	0.9	0.1	11.9	0.014	< 1	0.046	3.1	0.2	6	0.032	0.12	0.39	0.03	0.03
118480362	1.6	< 1	120	33.2	54	46	4.6	0.9	< 0.2	1.6	0.2	15.4	0.038	< 1	0.046	5.3	0.5	6	0.034	0.19	1.26	0.07	0.06
118480363	3.4	< 1	90	50.0	82	63	5.9	1.3	< 0.2	1.7	0.3	15.8	0.109	< 1	0.060	11.5	0.5	6	0.051	0.42	1.30	0.15	0.10
118480364	20.9	< 1	60	67.8	129	68	9.2	1.9	< 0.2	2.5	0.6	15.3	0.073	< 1	0.065	6.8	0.5	3	0.041	0.22	1.02	0.08	0.12
118480365	4.2	< 1	350	32.7	42	44	4.3	1.0	< 0.2	1.5	0.3	11.0	0.059	2	0.048	6.9	0.2	9	0.040	0.36	0.64	0.05	0.03
118480366	3.5	< 1	90	12.7	16	19	2.0	0.8	< 0.2	0.3	< 0.1	0.560	0.016	1	0.027	3.2	0.1	5	0.029	0.10	0.34	0.03	0.04
118480367	4.6	2	90	19.5	30	29	2.5	0.6	< 0.2	1.0	0.2	15.8	0.027	< 1	0.195	3.6	0.1	4	0.030	0.20	0.42	0.05	0.05
118480368	7.4	< 1	860	43.2	61	26	4.7	1.5	< 0.2	1.2	0.2	1.11	0.037	4	0.036	4.6	0.4	8	0.035	0.21	0.79	0.04	0.06
118480369	9.9	< 1	260	55.4	80	47	5.7	1.3	< 0.2	1.9	0.4	15.6	0.099	< 1	0.107	16.8	0.6	8	0.079	0.61	1.63	0.20	0.10
118480370	18.3	< 1	50	26.0	39	32	2.9	0.7	< 0.2	1.1	0.3	12.1	0.042	2	0.029	3.5	0.1	6	0.036	0.23	0.39	0.05	0.04
118480371	24.7	< 1	< 20	74.7	124	89	9.0	1.7	0.9	3.1	0.7	15.9	0.077	< 1	0.071	7.7	0.6	3	0.044	0.24	1.09	0.09	0.14
118480372	3.8	< 1	60	32.4	53	33	4.3	1.1	< 0.2	1.3	0.2	15.8	0.080	< 1	0.043	9.2	0.3	6	0.038	0.35	0.73	0.08	0.05
118480373	3.3	< 1	120	51.0	74	48	6.0	1.3	< 0.2	1.5	0.2	16.0	0.054	< 1	0.063	11.1	0.4	6	0.061	0.34	1.04	0.10	0.07

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1		0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480374	4.5	< 1	60	26.9	44	33	4.1	0.8	< 0.2	1.5	0.2	15.3	0.061	< 1	0.042	6.1	0.1	6	0.040	0.30	0.58	0.05	0.04
118480375	2.1	< 1	30	22.0	19	25	3.3	0.8	< 0.2	1.0	0.2	15.9	0.016	1	0.030	1.7	0.1	4	0.027	0.13	0.37	0.04	< 0.02
118480376	4.3	< 1	240	62.3	93	54	8.2	1.5	0.3	2.4	0.3	15.7	0.114	< 1	0.043	19.3	0.7	9	0.058	0.59	1.79	0.25	0.10
118480377	3.0	< 1	40	46.8	78	51	6.5	1.4	0.5	1.8	0.2	15.6	0.050	< 1	0.036	8.8	0.4	4	0.040	0.22	0.94	0.07	0.05
118480378	26.8	< 1	60	78.1	131	69	9.5	2.2	1.0	2.8	0.7	15.8	0.077	< 1	0.067	7.4	0.6	3	0.042	0.23	1.03	0.09	0.13
118480379	1.2	< 1	30	46.9	50	54	6.2	1.0	< 0.2	2.3	0.3	15.8	0.048	< 1	0.039	5.8	0.2	7	0.032	0.21	0.68	0.05	0.05
118480380	3.8	< 1	190	38.0	58	47	5.2	0.9	< 0.2	1.5	0.2	15.6	0.061	< 1	0.044	8.3	0.3	9	0.044	0.31	0.88	0.10	0.05
118480381	2.1	< 1	60	61.3	96	76	8.5	1.4	0.8	2.5	0.3	15.9	0.124	< 1	0.078	11.8	0.6	6	0.055	0.44	1.32	0.13	0.09
118480382	2.9	< 1	< 20	31.2	59	29	4.5	1.2	< 0.2	1.3	0.2	8.44	0.086	< 1	0.055	7.3	0.2	5	0.043	0.35	0.56	0.07	0.08
118480383	3.9	< 1	150	27.7	48	46	3.8	1.0	0.6	1.1	0.1	15.6	0.078	2	0.036	7.1	0.2	8	0.050	0.36	0.53	0.07	0.05
118480384	2.5	< 1	230	50.7	64	59	6.1	1.3	< 0.2	2.1	0.3	15.6	0.046	1	0.092	5.6	0.3	5	0.034	0.22	1.17	0.05	0.06
118480385	< 0.1	< 1	< 20	0.4	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.9	< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.016	< 0.01	< 0.01	< 0.01	< 0.02
118480386	2.8	< 1	140	8.9	13	9	1.0	0.4	< 0.2	0.8	< 0.1	12.8	0.005	2	0.026	0.4	< 0.1	5	0.022	0.05	0.16	< 0.01	0.03
118480387	4.3	< 1	160	106	172	98	9.9	2.7	< 0.2	3.4	0.5	15.7	0.074	< 1	0.060	10.7	0.6	7	0.050	0.35	1.30	0.14	0.06
118480388	13.2	< 1	100	78.5	105	88	7.7	2.4	1.3	2.5	0.5	15.2	0.047	< 1	0.088	10.1	0.4	5	0.041	0.31	0.93	0.07	0.07
118480389	31.7	< 1	490	50.0	70	82	6.9	1.2	< 0.2	2.0	0.7	15.4	0.083	< 1	0.079	10.6	0.5	21	0.065	0.47	1.08	0.15	0.10
118480390	9.5	< 1	1730	56.4	74	62	4.5	1.2	< 0.2	1.8	0.3	8.15	0.027	< 1	0.102	7.0	0.5	9	0.041	0.28	1.02	0.06	0.10
118480391	4.6	< 1	< 20	31.3	44	23	3.8	1.0	< 0.2	0.9	0.1	1.02	0.079	1	0.043	8.9	0.2	8	0.040	0.39	0.68	0.10	0.05
118480392	27.4	< 1	40	82.1	142	116	10.9	2.0	1.3	3.3	0.7	15.9	0.075	< 1	0.069	7.6	0.6	3	0.045	0.23	1.04	0.09	0.13
118480393	6.6	< 1	180	20.1	26	27	2.8	0.6	< 0.2	0.8	0.2	12.1	0.019	1	0.033	3.4	0.1	7	0.036	0.19	0.34	0.02	0.02
118480394	3.7	< 1	70	29.0	46	41	3.4	0.6	< 0.2	1.0	0.2	15.4	0.018	1	0.037	3.8	0.2	7	0.038	0.14	0.59	0.04	0.04
118480395	5.2	< 1	620	75.6	154	89	9.0	2.7	0.6	2.8	0.4	15.7	0.068	< 1	0.065	9.6	0.9	5	0.039	0.33	2.08	0.13	0.07
118480396	3.5	< 1	130	69.2	143	83	8.9	2.0	0.8	2.3	0.3	15.6	0.081	< 1	0.100	12.5	0.8	7	0.049	0.40	1.78	0.15	0.08
118480397	1.6	< 1	50	29.9	40	29	3.4	0.8	0.2	1.0	0.2	15.1	0.015	2	0.032	2.3	0.5	3	0.030	0.10	0.65	0.03	0.03
118480398	3.4	< 1	100	29.5	56	32	3.8	0.7	0.4	1.1	0.2	15.3	0.111	2	0.048	9.9	0.4	5	0.063	0.45	1.01	0.16	0.08

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480122	0.44	4.5	45	36	325	2.79	9.5	24.8	33.5	104	5.45	0.1	2.7	26.5	20.1	10.3	2.8	2.3	1.24	0.154	< 0.02	0.62	0.19
118480123	0.42	2.6	34	27	4110	2.82	15.0	26.4	74.1	181	3.28	0.1	5.4	16.8	17.5	14.4	0.4	0.8	1.76	0.206	< 0.02	0.39	0.23
118480124	0.32	4.7	49	42	462	4.33	12.3	30.7	51.3	151	6.00	0.1	5.1	30.1	16.7	12.0	2.0	1.8	2.33	0.273	0.02	0.70	0.41
118480125	0.41	2.2	20	23	140	1.35	10.8	33.6	77.2	131	2.34	0.2	1.4	10.4	16.2	14.0	2.0	1.3	1.30	0.092	< 0.02	0.21	0.11
118480126	0.28	1.5	24	23	203	1.38	6.8	13.8	19.2	51.1	2.57	0.1	1.3	9.4	20.2	15.4	0.7	1.8	3.08	0.114	< 0.02	0.52	0.04
118480127	0.61	0.4	8	12	53	0.45	1.5	12.7	14.0	45.5	0.38	< 0.1	2.5	1.6	14.9	2.82	1.5	0.3	1.11	0.100	< 0.02	0.19	0.19
118480128	0.50	1.7	20	15	193	1.48	3.6	15.0	14.0	122	1.48	< 0.1	0.2	6.2	12.6	4.95	5.7	1.3	0.88	0.071	< 0.02	0.26	0.03
118480129	0.49	5.0	48	39	304	2.95	10.5	24.9	34.4	108	5.55	0.1	1.9	27.4	19.8	10.2	5.0	2.7	0.91	0.185	< 0.02	1.05	0.22
118480130	0.26	1.1	20	21	365	2.89	6.5	26.5	51.5	83.4	2.09	< 0.1	1.5	12.4	11.5	8.02	0.1	0.6	2.35	0.179	< 0.02	0.23	0.06
118480131	0.46	1.1	5	7	157	1.76	4.2	29.2	29.4	45.2	0.27	0.1	0.4	2.0	22.7	8.27	1.1	0.3	2.01	0.073	< 0.02	< 0.05	< 0.02
118480132	0.53	3.7	36	29	614	2.83	7.9	17.7	23.1	59.7	4.06	0.1	1.9	19.7	16.5	8.70	3.5	1.9	1.05	0.089	< 0.02	0.48	0.10
118480133	0.29	1.5	25	23	208	1.40	7.2	14.4	20.2	54.5	2.76	0.2	1.4	10.1	21.5	16.0	0.8	1.9	3.17	0.110	< 0.02	0.50	0.04
118480134	0.41	2.9	31	29	397	2.43	13.5	37.5	50.3	223	3.53	0.1	16.7	17.7	18.8	15.1	1.6	1.5	1.98	0.245	0.02	0.45	0.25
118480135	0.58	0.6	10	12	201	1.23	3.1	13.5	27.0	54.5	1.16	< 0.1	1.9	5.7	19.2	4.76	1.9	0.6	0.74	0.118	< 0.02	0.14	0.18
118480136	0.50	1.9	15	21	118	1.64	4.5	29.2	48.7	60.7	1.46	0.1	0.5	10.0	18.6	12.1	4.5	1.3	13.5	0.153	< 0.02	0.20	0.02
118480137	0.55	< 0.1	21	40	264	1.12	6.1	49.1	127	89.0	2.72	0.1	5.2	8.9	10.2	9.60	0.3	0.9	0.92	0.375	< 0.02	0.23	0.51
118480138	0.41	4.4	45	35	719	3.54	11.3	30.3	39.1	179	4.69	0.1	5.9	26.8	19.2	10.5	2.5	1.8	1.73	0.198	< 0.02	0.54	0.44
118480139	0.45	3.5	42	35	3340	7.88	41.0	50.6	85.8	276	4.29	0.1	10.4	20.8	15.2	15.0	0.8	1.3	2.36	0.251	0.02	0.52	0.29
118480140	< 0.01	< 0.1	< 1	2	81	0.14	0.2	1.1	3.24	< 0.1	0.04	< 0.1	< 0.1	0.1	< 0.5	0.22	< 0.1	< 0.1	0.37	< 0.002	< 0.02	0.05	< 0.02
118480141	0.42	2.9	34	24	186	2.13	6.1	15.7	21.0	84.8	3.22	0.1	2.6	13.5	16.2	9.49	2.5	1.8	1.04	0.105	< 0.02	0.41	0.20
118480142	0.71	2.5	21	19	218	1.84	5.5	31.5	70.3	174	2.14	0.1	4.2	11.1	18.2	7.16	5.2	1.1	4.91	0.234	< 0.02	0.21	0.52
118480143	0.45	3.1	37	29	4660	6.86	23.0	30.4	62.6	162	3.35	0.2	7.5	16.5	19.1	14.8	0.9	1.1	2.51	0.210	< 0.02	0.42	0.28
118480144	0.35	0.2	8	10	167	1.17	3.8	16.9	23.8	40.7	0.86	0.1	0.6	2.4	17.5	4.90	0.5	0.5	0.41	0.090	< 0.02	0.06	0.06
118480145	0.53	1.6	15	15	204	3.41	9.0	30.9	43.3	205	1.36	< 0.1	1.0	6.6	11.9	6.69	4.4	1.2	0.94	0.079	< 0.02	0.17	0.06
118480146	0.86	1.7	12	17	151	1.62	5.4	32.0	71.7	108	1.27	0.1	1.1	5.7	19.7	6.61	3.8	0.8	6.91	0.123	< 0.02	0.10	0.39
118480147	0.32	1.7	28	26	238	1.60	8.1	16.3	22.8	57.0	3.09	0.2	1.4	10.9	24.2	18.4	1.0	2.2	3.49	0.122	< 0.02	0.55	0.05
118480148	0.60	1.9	17	18	177	1.95	30.3	48.1	88.8	350	1.66	0.1	1.2	6.3	13.1	15.7	1.5	1.2	0.89	0.127	< 0.02	0.18	0.25
118480149	1.66	0.4	4	5	283	1.37	1.7	16.5	39.7	97.5	0.20	< 0.1	0.3	0.8	23.6	2.14	2.0	0.2	0.71	0.078	< 0.02	< 0.05	0.10
118480150	0.52	4.4	48	38	2480	7.14	16.5	41.1	77.2	160	4.72	0.1	5.3	22.1	17.9	12.5	2.0	1.7	1.93	0.212	< 0.02	0.65	0.26
118480151	0.57	1.4	37	28	278	1.97	11.9	21.9	140	80.9	3.22	0.1	5.1	6.9	15.7	11.5	0.8	1.4	1.65	0.317	< 0.02	0.27	0.12
118480152	0.53	2.3	26	24	1630	4.33	6.5	15.1	19.6	94.3	1.87	< 0.1	7.0	10.4	18.6	8.76	0.7	1.1	2.37	0.101	< 0.02	0.33	0.17
118480153	0.58	4.0	42	34	> 10000	5.36	49.3	84.2	99.9	354	3.06	0.1	6.7	20.6	19.8	16.1	1.9	1.6	4.94	0.227	< 0.02	0.46	0.27
118480154	0.31	1.6	27	25	224	1.52	7.8	15.4	21.4	51.8	2.85	0.2	1.5	10.3	22.9	17.6	0.9	2.1	3.29	0.113	< 0.02	0.54	0.05
118480155	0.54	1.4	21	21	514	3.39	43.9	64.3	73.9	285	1.83	0.1	1.4	4.9	11.2	17.2	0.3	0.9	1.57	0.136	< 0.02	0.19	0.15
118480156	0.57	2.5	38	34	562	3.35	8.8	37.9	62.4	279	3.64	0.1	2.9	18.2	22.6	14.4	1.9	1.8	2.63	0.316	< 0.02	0.38	0.29
118480157	0.59	3.6	38	35	1520	3.46	9.0	24.2	28.3	95.3	3.14	0.1	6.4	17.0	23.1	9.19	2.3	1.6	3.40	0.105	< 0.02	0.40	0.17
118480158	0.34	1.6	30	23	2130	2.51	8.9	16.7	41.3	59.1	1.91	0.1	8.7	6.4	12.9	10.6	0.1	0.5	0.91	0.118	< 0.02	0.25	0.20
118480159	0.23	3.2	36	31	2900	7.26	23.8	26.4	56.9	116	4.19	0.2	10.9	21.2	14.6	16.0	0.7	1.0	2.10	0.232	< 0.02	0.42	0.31
118480160	0.57	1.5	14	20	103	0.89	4.7	23.2	40.7	53.6	1.17	0.1	0.8	6.3	22.3	16.2	2.0	1.1	13.3	0.188	< 0.02	0.09	0.02
118480161	0.29	1.5	26	24	214	1.42	7.2	14.0	20.1	48.3	2.57	0.2	1.4	9.9	21.7	16.4	0.8	1.9	3.85	0.104	< 0.02	0.47	0.05
118480162	0.59	3.2	32	29	342	2.86	10.3	27.5	67.0	137	3.43	0.1	3.8	17.0	20.3	14.0	2.9	2.1	2.15	0.206	< 0.02	0.40	0.22
118480163	0.42	1.5	29	26	301	1.82	4.2	11.7	21.4	56.7	2.42	0.1	0.6	6.6	16.4	10.7	0.6	1.2	1.28	0.169	< 0.02	0.32	0.06

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480164	0.36	4.0	35	32	2170	6.75	67.3	113	97.0	573	3.27	0.2	14.2	15.2	15.5	26.2	1.4	1.7	2.61	0.156	0.12	1.22	0.34
118480165	0.73	2.6	25	23	266	2.14	8.6	43.6	29.0	242	2.93	0.1	0.7	12.3	22.0	12.5	3.6	2.0	0.70	0.125	< 0.02	0.34	0.20
118480166	0.39	1.5	20	19	171	1.28	4.9	19.9	37.1	81.0	1.90	0.1	1.5	8.7	21.6	9.96	1.6	1.2	0.81	0.111	< 0.02	0.22	0.17
118480167	0.40	5.1	49	43	372	3.77	13.5	35.5	60.7	175	5.68	0.1	4.5	30.8	23.5	18.3	3.2	2.4	1.83	0.295	0.02	0.74	0.34
118480168	0.76	2.7	30	18	338	2.26	8.3	28.4	26.6	170	3.56	0.1	11.4	10.0	36.1	16.0	1.1	1.4	1.47	0.190	0.04	2.60	0.92
118480169	0.49	3.1	32	27	241	1.82	8.7	22.7	28.8	106	3.66	0.1	23.3	17.0	19.0	11.0	3.2	2.0	1.99	0.104	< 0.02	0.38	0.28
118480170	0.40	2.6	26	24	159	1.76	7.0	21.4	26.0	52.5	2.34	< 0.1	2.0	7.3	13.7	10.1	5.9	1.8	1.18	0.046	< 0.02	0.32	0.09
118480171	0.73	1.6	14	14	207	2.36	4.7	21.8	45.0	55.2	1.55	< 0.1	1.0	7.0	12.8	3.76	7.9	0.9	0.70	0.051	< 0.02	0.15	0.05
118480172	0.34	3.1	33	33	288	2.20	10.1	35.1	77.7	154	3.86	0.1	2.4	21.1	18.0	19.7	2.3	1.5	2.91	0.282	< 0.02	0.35	0.33
118480173	0.44	0.4	15	16	345	1.00	5.3	13.5	29.4	55.3	1.11	0.1	0.9	6.0	14.4	6.13	0.1	0.6	3.90	0.121	< 0.02	0.10	0.04
118480174	0.39	1.4	22	21	219	2.06	5.0	22.3	30.0	81.9	2.69	0.1	2.9	10.4	17.5	7.90	2.2	1.4	0.84	0.168	< 0.02	0.26	0.18
118480175	< 0.01	< 0.1	< 1	1	82	0.14	0.2	1.0	3.31	< 0.1	0.03	< 0.1	< 0.1	0.1	< 0.5	0.22	< 0.1	< 0.1	0.36	< 0.002	< 0.02	< 0.05	< 0.02
118480176	0.48	1.5	24	20	667	5.26	8.1	44.1	51.2	294	1.79	0.1	1.8	5.9	12.4	7.92	3.5	1.4	2.79	0.198	< 0.02	0.22	0.12
118480177	0.60	3.5	28	24	168	1.67	7.9	23.4	28.1	71.3	2.80	0.1	4.3	14.4	23.4	10.4	9.2	2.3	0.77	0.115	< 0.02	0.38	0.16
118480178	0.92	1.8	14	16	231	2.55	3.6	22.8	53.9	87.2	1.60	0.1	1.6	8.0	16.4	7.41	12.7	1.3	5.78	0.069	< 0.02	0.15	0.19
118480179	0.49	1.4	5	32	144	0.31	4.2	52.1	88.1	30.9	0.41	< 0.1	10.5	2.1	11.2	5.06	0.7	0.2	1.82	0.154	< 0.02	0.07	0.34
118480180	0.61	4.8	52	38	7460	4.53	13.6	32.4	43.4	177	5.04	0.1	8.7	30.8	32.3	12.4	0.9	1.0	9.30	0.182	0.02	0.62	0.44
118480181	0.26	0.7	23	26	204	1.43	3.7	14.9	40.3	69.3	1.86	0.1	0.8	6.6	12.3	10.4	0.2	0.6	1.00	0.127	< 0.02	0.14	0.04
118480182	0.31	1.6	28	26	221	1.51	7.8	15.7	21.9	54.9	2.91	0.2	1.4	10.5	23.3	17.5	0.9	2.0	3.28	0.112	< 0.02	0.52	0.05
118480183	0.43	3.0	35	38	606	3.54	9.2	54.3	134	160	2.84	0.2	5.1	12.9	21.2	18.6	0.7	0.9	2.19	0.211	< 0.02	1.34	0.14
118480184	0.62	1.1	12	10	241	1.07	4.8	14.3	44.5	43.1	0.78	< 0.1	3.8	3.1	19.6	6.30	0.6	0.4	1.64	0.107	< 0.02	0.07	0.09
118480185	0.69	3.0	32	31	435	3.73	8.5	18.7	40.0	101	3.14	0.1	61.1	15.1	18.7	8.56	4.2	1.7	4.98	0.135	< 0.02	0.32	0.20
118480186	0.72	1.8	12	16	134	1.17	3.3	15.4	26.7	59.8	1.42	< 0.1	25.3	8.5	15.7	5.10	5.6	0.8	1.04	0.046	< 0.02	0.16	0.10
118480187	0.48	2.3	21	20	233	1.39	5.1	16.9	42.9	94.2	2.09	< 0.1	7.0	10.5	13.3	8.65	2.4	1.2	1.47	0.076	< 0.02	0.21	0.12
118480188	0.60	2.2	34	27	1300	7.23	8.8	23.0	38.9	128	2.11	0.2	1.4	8.7	20.7	10.2	1.3	1.2	6.45	0.160	< 0.02	0.16	0.05
118480189	0.29	1.5	25	23	204	1.40	7.4	14.8	20.5	50.1	2.76	0.2	1.5	10.2	21.8	16.4	0.9	2.0	3.15	0.113	< 0.02	0.48	0.04
118480190	0.40	0.3	3	6	130	1.99	12.5	76.3	58.9	580	0.23	< 0.1	0.2	1.4	10.1	9.21	0.6	0.2	1.13	0.163	< 0.02	< 0.05	0.11
118480191	0.70	1.1	20	24	159	1.36	7.3	21.7	28.1	63.4	2.03	< 0.1	1.4	7.8	30.4	5.28	2.1	0.9	1.46	0.116	< 0.02	0.18	0.05
118480192	0.39	1.9	22	30	163	1.19	6.2	24.2	74.7	98.5	2.14	0.1	25.4	11.4	14.3	10.6	0.6	0.8	0.73	0.202	< 0.02	0.23	0.64
118480193	0.31	3.4	39	31	320	2.51	8.5	24.7	37.9	126	4.57	< 0.1	2.6	22.3	15.9	10.4	1.8	1.8	1.28	0.194	< 0.02	0.50	0.34
118480194	0.59	1.5	11	13	105	1.34	3.0	22.2	39.2	68.0	1.15	< 0.1	0.6	4.3	13.7	4.45	5.4	0.9	1.66	0.084	< 0.02	0.13	0.02
118480195	0.58	3.1	20	21	175	1.77	8.4	29.3	93.8	124	2.53	0.1	1.9	13.6	20.0	11.8	7.5	1.6	1.33	0.137	< 0.02	0.24	0.27
118480196	0.28	1.5	25	23	202	1.36	6.9	13.8	19.6	49.6	2.58	0.1	1.4	9.4	20.8	15.6	0.9	1.8	2.94	0.117	< 0.02	0.51	0.05
118480197	0.27	0.7	21	19	803	2.76	7.5	29.9	43.4	96.2	1.25	0.1	7.5	5.1	18.5	11.0	< 0.1	0.4	7.15	0.145	< 0.02	0.13	0.09
118480198	0.78	0.7	10	11	89	1.12	2.6	15.0	30.2	50.6	0.65	< 0.1	0.4	2.3	17.7	3.28	1.6	0.5	7.48	0.126	< 0.02	< 0.05	0.02
118480199	0.44	1.9	19	17	147	1.22	3.9	10.8	12.1	43.9	1.80	< 0.1	0.5	8.5	13.7	6.82	2.5	1.6	1.46	0.047	< 0.02	0.22	< 0.02
118480200	0.73	2.7	29	30	614	4.03	8.1	20.6	33.7	103	3.05	0.1	9.7	14.3	19.7	8.41	3.0	1.7	3.42	0.130	< 0.02	0.31	0.13
118480201	0.56	3.6	42	32	960	6.86	16.8	29.3	51.2	212	3.60	0.1	367	18.2	22.3	13.8	2.3	1.8	8.67	0.252	< 0.02	0.43	0.37
118480202	0.40	2.2	32	21	1520	3.61	7.5	22.6	31.4	178	2.23	< 0.1	7.9	11.1	16.7	8.38	0.6	1.0	4.67	0.176	< 0.02	0.29	0.32
118480203	0.29	1.5	25	23	208	1.41	7.2	14.5	20.3	50.6	2.73	0.1	1.3	10.0	21.5	16.2	0.8	1.9	3.12	0.112	< 0.02	0.56	0.04
118480204	0.62	0.5	21	27	609	1.34	4.8	12.8	36.2	84.2	0.82	0.1	3.5	4.3	31.9	11.8	0.2	0.6	4.67	0.224	< 0.02	0.08	0.09
118480205	0.42	0.5	9	14	125	0.57	2.9	11.7	19.8	28.2	1.04	< 0.1	0.9	5.4	21.5	6.64	0.2	0.5	2.31	0.063	< 0.02	0.09	0.05

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480206	0.62	2.2	27	22	1100	3.46	12.1	26.7	42.4	228	2.21	0.1	2.9	7.8	16.6	9.60	2.6	1.5	3.37	0.192	< 0.02	0.24	0.13
118480207	0.72	3.1	26	23	165	2.14	6.1	24.4	33.7	108	2.91	< 0.1	2.6	14.6	31.5	8.21	10.4	2.0	1.63	0.158	< 0.02	0.35	0.24
118480208	0.41	1.5	11	15	99	1.97	3.8	30.9	33.6	71.7	1.03	< 0.1	0.3	6.2	11.6	5.14	3.4	0.9	1.54	0.121	< 0.02	0.14	< 0.02
118480209	0.47	2.8	31	24	255	2.30	7.0	20.4	24.3	122	3.17	< 0.1	69.0	10.4	20.5	9.39	4.9	2.2	2.36	0.085	< 0.02	2.51	0.43
118480210	< 0.01	< 0.1	< 1	< 1	80	0.14	0.1	0.9	3.16	< 0.1	0.03	< 0.1	< 0.1	< 0.1	< 0.5	0.23	< 0.1	< 0.1	0.39	< 0.002	< 0.02	< 0.05	< 0.02
118480211	0.71	2.8	28	25	253	2.12	7.7	22.9	51.0	113	2.81	< 0.1	1.4	12.8	15.5	9.27	4.4	1.9	1.17	0.088	< 0.02	0.30	0.11
118480212	0.21	3.5	50	50	257	3.19	11.7	27.8	27.4	77.9	5.07	0.1	1.9	21.9	13.9	11.5	1.6	1.5	0.92	0.136	< 0.02	0.54	0.08
118480213	0.69	1.9	10	13	85	1.23	3.8	19.4	51.1	59.3	1.37	0.1	0.7	6.2	15.4	7.35	6.3	1.0	0.72	0.073	< 0.02	0.14	0.07
118480214	0.45	0.5	4	7	218	1.54	5.5	23.7	72.3	51.0	0.19	0.1	1.5	1.1	36.0	2.93	2.5	0.1	1.50	0.114	< 0.02	0.05	0.14
118480215	0.96	1.3	15	13	135	2.19	2.6	14.1	19.7	42.6	1.06	0.1	0.5	4.0	18.5	4.58	6.6	1.1	1.26	0.060	< 0.02	0.15	0.06
118480216	0.47	2.2	17	22	136	1.38	6.3	14.7	26.9	117	2.96	< 0.1	467	15.9	13.2	7.48	4.7	1.3	1.57	0.097	< 0.02	0.24	0.28
118480217	0.31	1.6	27	24	220	1.50	7.4	15.2	21.2	52.0	2.85	0.1	1.5	10.2	22.8	17.4	1.1	2.0	3.24	0.107	< 0.02	0.52	0.04
118480218	0.10	3.9	18	34	64	8.70	13.4	47.4	296	519	3.81	0.2	22.3	9.0	6.1	15.8	2.0	1.1	2.42	0.372	1.51	0.20	0.60
118480219	0.49	3.5	41	35	3780	5.16	16.8	35.1	51.2	232	3.66	0.1	4.6	22.3	26.0	14.9	1.6	1.5	12.1	0.281	< 0.02	0.44	0.38
118480220	0.45	1.2	7	6	70	1.48	11.3	40.9	59.4	47.3	0.41	0.2	0.2	2.0	25.4	12.8	0.4	0.5	2.09	0.157	< 0.02	< 0.05	< 0.02
118480221	0.40	1.9	27	25	217	1.50	3.6	14.0	32.3	58.9	2.26	0.1	4.2	7.6	16.0	12.0	0.3	0.8	1.38	0.078	< 0.02	0.55	0.06
118480222	0.38	1.1	8	15	231	16.6	38.2	30.5	59.3	356	1.15	0.2	2.0	2.4	16.3	7.33	4.1	0.5	3.46	0.089	0.03	0.05	0.10
118480223	0.40	3.5	40	33	280	2.46	11.4	33.7	72.4	145	5.08	0.1	3.9	25.9	22.2	15.6	4.6	2.2	1.91	0.213	< 0.02	0.48	0.34
118480224	0.30	1.6	27	25	226	1.53	7.6	15.4	21.8	51.6	2.85	0.1	1.3	10.5	23.4	17.4	1.0	2.1	3.32	0.126	< 0.02	0.52	0.05
118480225	0.74	1.8	16	15	113	1.57	3.6	17.2	24.1	49.5	1.57	< 0.1	1.0	6.1	15.9	4.57	7.4	1.0	0.72	0.061	< 0.02	0.14	0.05
118480226	0.49	0.4	6	6	159	1.90	7.7	38.4	31.2	256	0.46	0.1	0.8	1.9	14.6	5.51	1.2	0.3	10.8	0.104	< 0.02	< 0.05	0.21
118480227	0.32	2.7	29	26	250	2.61	7.2	21.0	15.8	66.7	3.18	< 0.1	2.3	14.4	12.2	8.36	3.5	1.4	0.73	0.051	< 0.02	0.33	0.08
118480228	0.79	2.8	31	28	487	4.73	11.8	29.6	76.6	139	2.13	0.1	299	8.3	13.2	12.6	7.2	1.4	3.70	0.170	< 0.02	0.15	1.38
118480229	0.98	2.4	48	25	292	5.86	5.1	18.7	29.3	144	1.96	0.2	3.9	9.3	21.2	12.5	16.9	1.6	4.26	0.068	< 0.02	0.21	0.20
118480230	0.78	3.1	30	27	528	2.77	15.3	38.8	64.7	219	3.03	0.1	1.7	11.8	21.8	14.2	2.7	2.1	1.23	0.134	< 0.02	0.45	0.20
118480231	0.31	1.6	26	24	229	1.54	7.7	15.3	22.0	53.2	2.88	0.1	1.5	10.3	23.2	17.5	1.0	2.1	3.31	0.111	< 0.02	0.57	0.04
118480232	0.39	2.8	34	32	441	3.14	11.3	36.8	69.2	180	3.77	0.1	35.4	19.5	23.1	19.6	1.0	1.2	2.52	0.204	< 0.02	0.38	0.35
118480233	0.57	5.1	47	41	293	2.32	9.5	28.4	37.6	119	5.75	0.1	1.6	29.7	23.5	11.9	6.6	2.8	1.26	0.122	< 0.02	0.63	0.26
118480234	0.52	3.3	42	30	2760	8.25	35.7	37.1	82.9	224	3.79	0.1	11.3	18.7	17.3	14.4	1.2	1.4	2.34	0.235	< 0.02	0.58	0.24
118480235	0.69	5.3	48	36	284	2.75	9.7	26.7	44.2	84.0	5.05	0.1	2.1	23.7	21.9	10.9	18.3	3.0	0.76	0.106	< 0.02	0.58	0.26
118480236	0.94	1.9	16	13	132	2.46	8.5	31.5	310	96.3	1.14	< 0.1	1.2	4.2	10.0	9.10	4.1	0.9	1.81	0.124	< 0.02	0.08	0.20
118480237	0.44	4.2	39	30	216	2.11	7.5	22.3	31.4	96.7	4.49	0.1	2.9	21.2	21.0	12.4	5.6	2.2	1.17	0.104	< 0.02	0.54	0.37
118480238	0.31	1.7	27	25	233	1.59	7.9	16.1	23.1	56.6	3.16	0.1	1.4	10.6	23.3	17.7	1.1	2.1	3.35	0.116	< 0.02	0.57	0.04
118480239	0.59	1.6	13	14	126	1.72	4.1	24.1	50.9	81.4	1.41	< 0.1	0.6	5.7	12.1	4.89	6.2	1.2	3.23	0.103	< 0.02	0.14	0.07
118480240	0.35	1.5	32	37	1610	6.56	26.0	50.5	60.4	180	2.09	0.1	5.4	8.0	16.5	20.3	0.3	0.6	5.64	0.271	< 0.02	0.18	0.11
118480241	0.56	3.6	31	27	320	2.55	10.5	22.9	50.9	122	3.24	0.1	21.0	12.9	20.9	16.6	3.5	1.9	2.43	0.198	< 0.02	0.36	0.35
118480242	0.31	1.5	25	23	3250	3.27	11.8	26.0	53.5	93.2	2.49	0.1	5.6	8.7	15.6	12.3	0.1	0.4	2.87	0.114	< 0.02	0.23	0.10
118480243	0.75	1.9	10	10	103	2.17	3.6	26.5	75.3	96.2	0.93	0.1	2.1	3.8	13.5	6.88	7.3	0.6	2.04	0.113	< 0.02	0.10	0.09
118480244	0.36	0.9	14	10	371	1.35	3.9	15.7	27.9	80.2	1.13	< 0.1	2.3	3.8	13.2	4.02	< 0.1	0.4	1.01	0.094	< 0.02	0.15	0.11
118480245	< 0.01	< 0.1	< 1	< 1	85	0.14	0.1	0.9	3.07	< 0.1	0.06	< 0.1	< 0.1	0.1	< 0.5	0.22	< 0.1	< 0.1	0.37	< 0.002	< 0.02	< 0.05	< 0.02
118480246	0.39	3.5	42	31	1250	9.98	24.0	42.1	80.0	232	3.78	0.1	10.9	16.9	14.8	12.8	1.6	1.6	4.61	0.185	< 0.02	0.40	0.23
118480247	0.49	0.8	24	16	545	2.27	5.8	19.6	118	101	1.45	0.1	2.4	4.1	18.6	11.0	0.1	0.5	2.71	0.213	< 0.02	0.10	0.09

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480248	0.33	1.3	14	14	520	1.10	5.0	18.6	92.4	118	1.65	< 0.1	2.8	8.4	10.3	7.01	0.2	0.6	0.54	0.111	< 0.02	0.15	0.23
118480249	0.73	1.9	14	15	117	1.27	3.9	16.3	31.9	52.8	1.51	< 0.1	0.6	6.8	13.4	6.54	6.3	1.3	0.50	0.069	< 0.02	0.21	0.13
118480250	0.35	3.0	35	27	8930	8.07	11.1	28.3	39.5	176	2.98	0.1	11.6	19.7	19.9	12.0	0.6	0.9	8.26	0.207	< 0.02	0.44	0.33
118480251	0.85	2.9	31	26	242	3.06	11.6	36.0	129	114	3.54	0.1	1.3	14.4	17.0	11.4	4.0	1.9	0.84	0.152	< 0.02	0.30	0.21
118480252	0.28	1.5	24	21	212	1.45	6.9	14.1	21.0	51.5	2.87	0.1	1.5	9.7	21.4	16.3	0.9	2.0	3.18	0.113	< 0.02	0.49	0.06
118480253	0.40	4.0	43	31	295	3.60	10.9	24.1	35.9	108	4.74	< 0.1	3.5	21.9	18.2	11.4	4.3	2.3	1.20	0.177	< 0.02	0.56	0.33
118480254	0.47	2.9	32	25	353	2.08	5.7	18.2	18.6	113	3.39	0.1	2.9	15.5	18.8	9.19	2.8	1.8	2.09	0.079	< 0.02	0.56	0.19
118480255	0.96	0.7	6	7	159	2.74	8.2	26.8	53.8	169	0.51	< 0.1	1.0	1.8	11.8	6.50	2.1	0.5	0.63	0.070	< 0.02	0.06	0.12
118480256	0.59	2.2	27	28	641	10.6	35.8	86.4	91.6	242	2.83	0.1	5.9	10.2	22.3	14.9	2.3	1.4	4.83	0.291	< 0.02	0.25	0.22
118480257	0.59	1.0	8	15	85	1.29	3.3	19.8	36.2	61.2	0.63	< 0.1	0.5	2.5	18.1	6.94	2.0	0.6	6.13	0.128	< 0.02	< 0.05	0.04
118480258	0.55	4.6	51	38	2620	7.12	12.3	37.3	50.8	169	4.41	0.1	6.0	25.8	25.2	13.0	4.5	2.3	5.26	0.199	< 0.02	0.55	0.45
118480259	0.29	1.5	27	24	235	1.59	7.7	15.5	22.0	53.4	3.02	0.1	1.6	10.2	23.0	17.6	1.0	2.2	3.47	0.112	< 0.02	0.58	0.05
118480260	0.66	0.6	8	9	460	1.28	7.5	20.3	45.0	93.1	0.60	< 0.1	2.4	2.7	14.2	7.11	1.8	0.5	1.16	0.098	< 0.02	0.10	0.14
118480261	0.83	3.5	32	29	1410	5.54	11.2	33.2	105	131	2.61	0.1	246	10.9	19.2	11.6	5.4	1.4	5.70	0.130	< 0.02	0.27	0.66
118480262	0.52	2.1	16	26	172	2.53	6.4	21.1	19.1	52.6	2.18	< 0.1	1.8	12.3	26.2	5.22	8.1	1.0	3.45	0.075	< 0.02	0.18	0.09
118480263	0.51	2.2	20	21	1960	5.12	19.7	50.3	79.5	178	2.00	0.2	2.4	6.1	21.0	24.5	0.5	0.7	6.55	0.404	< 0.02	0.14	0.21
118480264	0.41	1.4	16	17	136	1.03	3.7	18.2	43.2	57.9	2.09	0.1	2.3	9.8	23.2	11.2	2.6	1.1	0.55	0.139	< 0.02	0.50	0.17
118480265	0.69	2.2	17	18	148	1.26	6.5	18.1	61.0	139	2.00	< 0.1	10.8	9.2	16.8	20.5	1.9	1.2	5.12	0.129	< 0.02	0.18	0.43
118480266	0.29	1.4	25	22	221	1.50	7.3	14.8	21.1	50.3	2.84	0.1	1.2	9.6	21.5	16.6	0.9	2.1	3.32	0.113	< 0.02	0.51	0.05
118480267	0.56	1.5	17	20	117	4.61	6.8	21.2	36.6	76.8	1.33	0.1	3.1	5.2	14.4	7.45	4.6	0.8	7.21	0.084	< 0.02	0.12	0.27
118480268	0.49	2.8	36	22	204	1.49	7.3	21.1	59.1	86.5	2.90	< 0.1	1.4	11.1	14.8	9.45	4.1	1.9	0.94	0.106	< 0.02	0.45	0.18
118480269	0.44	0.5	11	11	352	3.78	10.4	80.4	104	524	0.66	0.2	1.4	2.1	12.3	7.14	1.2	0.4	8.35	0.251	< 0.02	0.06	0.18
118480270	0.34	0.2	< 1	3	37	0.41	1.0	23.1	39.4	44.8	0.04	< 0.1	0.2	0.7	15.1	4.68	0.8	0.1	0.53	0.053	< 0.02	< 0.05	0.05
118480271	0.38	2.8	33	25	290	2.92	12.1	26.0	84.8	104	3.24	< 0.1	2.3	12.3	15.1	11.5	3.5	2.1	1.96	0.195	< 0.02	0.36	0.30
118480272	0.33	3.2	34	25	> 10000	5.52	15.1	39.2	45.5	229	0.79	0.1	14.0	19.8	22.6	12.3	0.8	0.9	11.5	0.211	< 0.02	0.43	0.38
118480273	0.29	1.6	25	23	231	1.52	7.4	14.5	21.6	52.2	2.89	0.1	1.2	9.7	21.7	16.5	1.0	2.0	3.25	0.108	< 0.02	0.49	0.05
118480274	0.46	3.1	32	29	265	2.00	7.9	23.8	35.7	118	3.88	< 0.1	20.5	17.3	21.8	11.1	4.0	1.9	2.38	0.120	< 0.02	0.42	0.28
118480275	0.71	1.5	9	12	90	0.82	2.2	15.6	27.2	54.1	1.03	< 0.1	1.0	4.4	14.9	5.64	4.4	0.7	6.76	0.070	< 0.02	0.08	0.10
118480276	0.85	1.9	28	28	646	6.52	22.1	41.8	67.9	309	2.23	0.1	5.7	9.1	23.9	14.6	0.9	1.4	4.04	0.261	< 0.02	0.28	0.23
118480277	0.39	3.8	44	36	1960	9.49	21.5	30.5	57.8	195	4.72	0.1	14.3	22.2	41.2	18.9	1.5	1.7	3.06	0.367	0.02	0.53	0.34
118480278	0.85	1.4	20	15	335	1.82	4.4	12.4	22.0	54.2	1.57	< 0.1	3.8	6.6	14.2	5.89	4.7	1.2	2.09	0.100	< 0.02	0.27	0.19
118480279	0.66	1.8	21	17	325	1.83	5.2	15.7	26.3	70.5	2.16	< 0.1	15.0	9.0	19.8	6.23	5.2	1.7	1.43	0.077	< 0.02	0.73	0.28
118480280	< 0.01	< 0.1	< 1	< 1	82	0.14	0.1	1.0	3.14	< 0.1	0.03	< 0.1	< 0.1	0.1	< 0.5	0.23	< 0.1	< 0.1	0.38	< 0.002	< 0.02	< 0.05	< 0.02
118480281	0.47	2.6	27	25	5270	3.80	6.9	21.2	18.6	78.9	1.43	< 0.1	2.5	11.0	19.9	8.85	1.0	1.1	1.89	0.095	< 0.02	0.37	0.09
118480282	0.84	1.9	21	26	1020	2.91	9.5	19.6	27.2	95.0	2.24	< 0.1	2.2	7.5	45.3	9.52	1.1	1.3	9.03	0.138	< 0.02	0.26	0.10
118480283	0.31	2.0	22	21	118	1.16	4.8	21.0	53.3	67.1	3.34	0.1	1.0	12.8	18.6	11.3	1.8	1.4	0.56	0.161	< 0.02	0.30	0.17
118480284	0.81	1.2	10	10	222	3.42	3.6	27.1	51.2	130	0.99	< 0.1	0.7	4.2	14.6	4.73	7.0	0.7	3.73	0.086	< 0.02	0.09	0.12
118480285	0.62	2.6	23	23	141	1.40	4.4	13.0	19.7	52.8	2.71	< 0.1	12.8	11.0	15.6	7.19	6.3	1.9	1.20	0.063	< 0.02	0.36	0.14
118480286	0.47	2.0	14	22	125	1.63	3.5	26.8	43.3	44.1	1.32	< 0.1	0.2	8.9	17.0	10.6	4.1	1.1	3.90	0.137	< 0.02	0.11	< 0.02
118480287	0.28	1.7	25	23	226	1.50	7.3	14.5	21.0	49.8	2.81	0.1	1.3	10.1	22.3	17.0	1.0	2.0	3.37	0.113	< 0.02	0.53	0.04
118480288	0.55	2.9	33	25	> 10000	3.02	8.0	17.0	22.8	69.7	2.82	< 0.1	3.2	13.6	28.7	9.76	1.3	1.1	5.13	0.095	< 0.02	0.45	0.14
118480289	0.56	4.1	45	32	8940	11.0	10.8	27.2	34.5	116	3.27	0.1	13.1	22.8	30.7	10.3	2.8	1.7	10.9	0.125	< 0.02	0.59	0.36

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480290	0.35	1.0	30	29	248	2.21	7.7	19.6	33.3	61.7	2.57	< 0.1	4.3	6.4	14.4	8.56	0.5	0.9	3.65	0.192	< 0.02	0.30	0.11
118480291	0.83	1.4	6	10	153	2.11	3.9	32.8	40.9	61.4	0.79	0.1	0.2	4.3	29.7	6.29	5.5	0.5	3.94	0.093	< 0.02	0.08	0.08
118480292	0.72	3.4	41	34	> 10000	4.28	11.8	28.0	33.9	106	2.20	< 0.1	13.2	20.3	24.9	10.5	0.8	0.8	9.95	0.149	< 0.02	0.83	0.24
118480293	0.52	3.0	28	27	202	1.82	4.6	15.8	21.2	74.3	3.08	< 0.1	0.6	13.4	19.0	9.86	2.8	1.8	0.59	0.076	< 0.02	0.79	0.09
118480294	0.28	1.5	24	22	226	1.49	7.2	14.2	20.2	48.6	2.70	0.1	1.4	9.5	21.3	16.4	0.9	2.1	3.24	0.111	< 0.02	0.56	0.06
118480295	0.56	2.8	30	27	273	1.64	8.2	31.9	87.3	134	3.17	< 0.1	7.8	14.5	18.8	10.9	2.2	1.5	1.63	0.160	< 0.02	0.31	0.36
118480296	0.37	1.7	19	17	111	1.00	3.8	11.4	15.3	26.3	1.66	< 0.1	0.6	3.8	13.7	7.87	1.5	1.3	1.03	0.045	< 0.02	0.25	0.05
118480297	0.42	1.0	14	12	135	0.82	3.4	12.1	29.3	76.8	1.38	< 0.1	2.3	8.0	12.5	5.31	0.4	0.7	1.18	0.101	< 0.02	0.22	0.11
118480298	0.46	3.1	31	33	244	1.78	9.2	36.0	64.8	209	4.59	< 0.1	2.8	24.8	25.0	12.0	4.1	1.9	1.86	0.252	< 0.02	0.38	0.56
118480299	0.28	1.2	24	19	3100	4.29	11.2	17.6	35.6	68.6	1.68	0.1	2.4	4.8	16.9	10.5	< 0.1	0.6	2.20	0.129	< 0.02	0.21	0.07
118480300	0.39	3.6	36	26	205	4.63	11.8	26.2	31.2	129	3.03	0.1	3.8	11.4	16.1	13.6	4.2	2.3	1.56	0.100	< 0.02	0.52	0.24
118480301	0.31	1.7	27	25	237	1.56	7.7	15.3	21.9	52.3	3.00	0.1	1.5	10.2	23.0	17.2	1.0	2.1	3.38	0.120	< 0.02	0.58	0.05
118480302	0.82	1.0	18	18	782	4.21	18.0	70.9	94.7	453	1.34	0.1	2.3	5.2	20.5	12.4	0.5	0.8	3.08	0.296	< 0.02	0.10	0.23
118480303	0.39	0.2	8	8	61	0.38	2.1	12.8	44.2	43.4	0.80	< 0.1	0.3	2.1	14.6	4.99	0.2	0.4	0.27	0.100	< 0.02	0.65	0.04
118480304	0.75	0.6	8	7	125	0.96	2.4	9.8	18.1	63.4	0.54	< 0.1	2.5	2.5	14.6	3.29	3.1	0.5	0.92	0.074	< 0.02	0.07	0.11
118480305	0.96	1.0	13	13	360	2.20	7.6	41.8	42.1	94.9	1.28	< 0.1	1.3	5.8	19.9	4.88	2.7	0.8	2.05	0.100	< 0.02	0.14	0.12
118480306	0.47	4.1	36	30	260	1.97	7.5	22.5	34.4	111	4.51	< 0.1	2.0	22.6	21.0	12.4	3.1	2.1	1.12	0.161	< 0.02	0.51	0.24
118480307	0.51	1.0	5	13	51	0.88	2.0	13.6	30.1	38.0	0.41	< 0.1	0.3	2.3	27.2	7.24	1.7	0.5	7.59	0.127	< 0.02	0.07	0.04
118480308	1.00	2.4	55	27	1930	2.95	11.0	23.6	30.6	170	3.70	< 0.1	19.0	16.8	56.2	17.8	0.4	1.4	4.92	0.339	0.04	1.30	2.15
118480309	0.44	1.1	7	12	64	0.74	2.2	11.7	26.3	53.5	0.74	< 0.1	12.9	4.1	10.6	5.20	3.1	0.7	2.37	0.061	< 0.02	0.08	0.13
118480310	0.68	2.0	9	13	93	2.90	33.3	71.2	243	287	1.27	0.1	1.7	4.1	9.2	13.9	1.7	0.7	0.67	0.136	0.03	0.08	0.14
118480311	0.41	0.9	13	4	231	3.85	5.8	96.9	42.3	827	1.07	< 0.1	0.9	4.8	10.6	4.86	0.9	0.6	1.43	0.316	< 0.02	0.08	0.20
118480312	0.41	4.7	44	33	492	3.08	9.7	24.1	42.0	96.6	5.09	0.1	3.0	21.6	20.4	13.6	3.3	2.6	1.14	0.166	0.02	0.69	0.23
118480313	0.34	0.3	11	12	164	0.83	3.6	13.5	23.3	58.4	1.36	< 0.1	0.4	4.7	13.3	8.99	0.1	0.5	0.77	0.100	< 0.02	0.07	0.04
118480314	0.46	2.0	20	20	444	1.99	5.5	15.9	15.3	40.2	1.98	< 0.1	3.7	9.1	19.3	5.29	4.9	1.4	0.59	0.039	< 0.02	0.19	0.05
118480315	< 0.01	< 0.1	< 1	< 1	82	0.14	0.1	0.9	3.27	< 0.1	0.02	< 0.1	< 0.1	0.1	< 0.5	0.23	< 0.1	< 0.1	0.36	< 0.002	< 0.02	< 0.05	< 0.02
118480316	0.55	4.7	44	34	312	2.99	11.0	24.8	27.1	76.6	4.94	< 0.1	19.6	24.4	24.6	10.1	17.5	1.3	0.88	0.071	< 0.02	0.88	0.39
118480317	0.35	0.4	7	10	211	0.70	3.4	11.7	16.5	48.9	0.62	< 0.1	0.2	2.7	18.0	6.23	0.4	0.4	1.24	0.087	< 0.02	0.06	0.07
118480318	0.19	4.9	36	33	151	10.7	16.8	50.7	78.7	212	4.26	0.1	7.2	18.7	11.2	9.90	5.1	1.9	2.20	0.118	0.03	0.45	0.44
118480319	0.59	1.4	15	13	129	1.36	3.3	12.3	18.7	53.9	1.32	< 0.1	0.5	5.5	14.9	4.91	3.0	0.9	2.13	0.069	< 0.02	0.13	0.07
118480320	0.31	3.6	37	31	535	3.10	10.5	22.3	34.2	95.1	4.81	< 0.1	2.3	20.7	15.3	10.7	2.3	1.8	1.17	0.175	< 0.02	0.59	0.18
118480321	0.32	0.8	5	9	80	1.06	1.9	7.2	11.9	24.1	0.70	< 0.1	0.7	3.3	18.9	4.74	0.6	0.4	1.98	0.056	< 0.02	0.10	0.03
118480322	0.26	1.4	23	20	202	1.36	6.6	12.9	18.9	47.3	2.59	< 0.1	1.4	9.0	19.4	14.7	0.8	1.7	3.01	0.103	< 0.02	0.46	0.04
118480323	0.33	0.8	4	7	46	0.37	1.6	18.1	38.2	20.0	0.43	< 0.1	< 0.1	3.0	15.4	5.11	1.3	0.3	1.38	0.076	< 0.02	< 0.05	0.04
118480324	0.54	0.8	6	4	162	2.81	3.3	41.4	51.0	146	0.57	0.1	0.5	2.4	11.5	3.63	3.6	0.4	3.25	0.105	< 0.02	< 0.05	0.08
118480325	0.54	0.3	2	< 1	152	0.72	1.1	8.2	14.2	44.2	0.17	< 0.1	< 0.1	0.8	15.8	1.54	1.2	0.2	2.33	0.043	< 0.02	< 0.05	0.04
118480326	0.29	1.3	13	15	315	1.31	6.0	28.0	48.4	94.9	1.83	< 0.1	2.2	8.2	12.8	10.6	0.3	0.5	0.74	0.105	< 0.02	0.19	0.07
118480327	0.22	0.8	16	12	262	1.04	6.2	15.6	19.7	61.4	2.05	< 0.1	3.2	7.7	10.8	7.99	0.4	0.6	1.26	0.129	< 0.02	0.15	0.12
118480328	0.39	2.3	20	25	190	2.17	25.7	38.9	110	113	2.70	0.2	9.2	12.3	14.0	20.6	2.2	1.2	1.86	0.258	< 0.02	0.23	0.31
118480329	0.27	1.6	24	20	208	1.36	6.6	13.2	18.8	43.9	2.41	0.1	1.2	8.4	19.3	14.5	0.8	1.7	2.96	0.115	< 0.02	0.52	0.04
118480330	0.79	1.6	19	15	229	1.99	12.1	25.8	93.1	160	1.76	0.1	25.1	8.4	15.9	12.2	2.4	1.1	1.54	0.180	< 0.02	0.28	0.44
118480331	0.40	0.6	9	7	116	13.9	12.3	107	43.2	968	0.64	0.3	8.3	3.3	9.1	49.9	3.8	0.5	3.10	0.082	< 0.02	0.07	0.17

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480332	0.70	2.8	29	26	3880	5.42	7.9	17.1	25.4	82.4	1.47	0.1	6.6	11.6	27.6	10.0	1.6	1.3	2.67	0.115	< 0.02	0.33	0.15
118480333	0.47	3.6	36	30	352	2.08	7.0	21.2	35.6	123	4.34	< 0.1	13.9	18.4	20.5	10.8	2.4	1.9	1.73	0.265	< 0.02	0.52	0.22
118480334	0.35	1.1	13	14	193	1.28	4.4	11.3	24.4	34.1	1.20	< 0.1	0.6	7.0	18.3	8.44	0.3	0.6	2.90	0.079	< 0.02	0.13	0.07
118480335	0.49	2.5	26	18	193	1.82	7.2	22.0	104	76.5	3.15	< 0.1	1.2	10.6	11.0	8.89	3.4	1.7	0.86	0.153	< 0.02	0.35	0.21
118480336	0.28	1.7	24	18	219	1.40	6.9	13.4	19.2	44.7	2.65	0.1	1.2	9.1	19.8	15.3	0.9	1.9	3.12	0.110	< 0.02	0.51	0.04
118480337	0.34	0.7	7	8	105	0.60	4.1	14.4	28.7	26.2	0.72	< 0.1	0.4	3.6	15.5	4.31	0.3	0.4	2.55	0.083	< 0.02	< 0.05	0.06
118480338	0.52	1.9	12	13	130	1.04	3.3	13.0	21.1	34.3	1.67	< 0.1	6.4	8.0	20.1	4.59	6.2	1.0	1.21	0.044	< 0.02	0.22	0.10
118480339	0.55	1.2	19	22	166	1.68	14.0	29.7	103	101	1.25	< 0.1	70.5	5.4	18.5	13.4	0.5	0.6	1.08	0.198	< 0.02	0.10	0.56
118480340	0.46	2.8	19	19	176	1.57	5.4	21.0	23.5	104	3.18	< 0.1	1.2	18.7	25.8	8.11	4.1	1.5	1.33	0.117	< 0.02	0.39	0.17
118480341	0.56	2.7	20	14	179	1.89	4.0	12.4	16.2	28.4	2.05	< 0.1	0.7	8.6	15.0	6.09	12.3	1.8	0.63	0.055	< 0.02	0.28	0.04
118480342	0.25	2.5	31	29	185	2.89	6.7	15.9	17.9	33.6	3.09	< 0.1	3.6	13.3	11.8	6.18	6.1	1.5	4.30	0.061	< 0.02	0.30	0.06
118480343	0.28	1.7	24	19	223	1.44	6.9	13.5	20.2	48.8	2.71	0.1	1.2	9.6	21.6	16.5	1.1	2.0	3.31	0.113	< 0.02	0.47	0.04
118480344	0.30	0.5	18	14	502	4.98	14.4	26.9	64.1	71.5	1.02	< 0.1	1.0	2.7	11.5	8.86	< 0.1	0.5	2.98	0.144	< 0.02	0.14	0.11
118480345	0.44	3.6	35	31	4090	4.55	10.3	25.6	33.7	86.3	3.38	< 0.1	41.7	19.8	20.8	9.48	1.4	0.9	2.65	0.098	< 0.02	0.41	0.20
118480346	0.53	2.6	33	20	> 10000	6.72	12.3	33.6	28.5	303	2.46	< 0.1	7.9	9.9	16.0	9.31	1.1	1.0	4.86	0.119	< 0.02	0.35	0.17
118480347	0.36	2.8	26	27	366	2.19	8.1	36.2	91.1	172	3.41	0.1	2.1	16.8	18.3	20.2	1.1	1.3	1.43	0.424	< 0.02	0.32	0.33
118480348	0.35	3.3	24	19	301	2.89	26.0	93.9	51.6	279	3.00	0.1	3.8	13.3	16.4	36.2	3.4	1.7	1.43	0.141	0.02	0.34	0.21
118480349	0.41	4.2	39	32	5740	3.79	16.9	38.3	50.6	142	4.49	< 0.1	30.7	23.4	27.7	15.0	0.9	0.7	2.15	0.144	< 0.02	0.52	0.27
118480350	< 0.01	< 0.1	< 1	< 1	87	0.14	0.1	0.8	3.04	< 0.1	0.02	< 0.1	< 0.1	< 0.1	< 0.5	0.19	< 0.1	< 0.1	0.41	< 0.002	< 0.02	< 0.05	< 0.02
118480351	0.63	1.4	8	10	134	1.28	3.8	18.8	50.6	52.2	1.15	< 0.1	1.6	5.6	12.2	5.64	4.6	0.7	4.31	0.098	< 0.02	0.10	0.16
118480352	0.25	< 0.1	22	14	151	0.69	3.0	11.9	16.4	40.3	2.54	< 0.1	0.2	5.4	11.9	4.83	0.4	0.6	1.47	0.201	< 0.02	0.19	0.06
118480353	0.52	2.8	17	15	> 10000	8.21	43.7	92.3	88.3	666	1.28	0.1	3.4	5.3	12.9	22.7	0.6	0.6	5.05	0.233	0.03	0.12	0.31
118480354	0.57	0.6	4	2	208	1.34	2.6	29.9	45.8	128	0.39	< 0.1	0.7	2.5	13.4	3.58	2.9	0.4	3.46	0.109	< 0.02	< 0.05	0.14
118480355	0.64	3.1	31	23	> 10000	5.61	19.6	36.6	82.5	130	1.49	< 0.1	42.9	11.5	14.0	10.1	2.0	1.2	4.31	0.227	< 0.02	0.34	0.22
118480356	0.58	1.6	9	8	153	2.43	3.9	21.7	56.4	55.6	1.00	< 0.1	0.6	4.9	21.0	5.74	4.5	0.6	0.94	0.111	< 0.02	0.14	0.07
118480357	0.28	1.7	23	18	220	1.45	6.8	13.3	19.5	44.5	2.47	0.1	1.2	9.2	20.4	15.6	0.9	1.8	3.18	0.108	< 0.02	0.50	0.05
118480358	0.63	3.2	29	21	4030	4.74	7.9	17.8	21.8	66.6	1.79	< 0.1	9.5	14.1	41.0	8.59	1.0	0.9	2.93	0.087	< 0.02	0.40	0.16
118480359	0.31	0.8	18	17	214	1.05	4.9	13.3	24.5	37.9	1.81	< 0.1	1.8	7.6	15.3	8.61	0.2	0.7	1.89	0.121	< 0.02	0.15	0.17
118480360	0.29	3.2	26	24	1720	11.3	36.8	70.9	66.2	390	2.59	0.1	9.9	12.9	13.5	19.2	0.6	0.9	2.88	0.209	0.02	0.33	0.33
118480361	0.51	0.6	11	6	241	0.93	8.9	10.4	48.8	55.6	0.84	< 0.1	22.1	2.5	11.1	4.40	0.2	0.3	3.39	0.106	< 0.02	< 0.05	0.17
118480362	0.43	1.2	26	21	182	2.50	9.5	23.8	44.6	99.7	1.99	< 0.1	28.4	7.1	13.9	10.3	1.0	1.0	0.84	0.168	< 0.02	0.16	0.28
118480363	0.47	3.3	36	26	331	3.06	9.7	23.4	57.6	94.9	4.05	< 0.1	3.5	16.4	16.0	10.9	3.6	2.1	2.46	0.208	< 0.02	0.47	0.36
118480364	0.28	1.7	24	19	226	1.50	7.0	13.6	20.7	47.6	2.65	< 0.1	1.1	8.6	19.9	15.3	1.0	1.9	3.26	0.121	< 0.02	0.54	0.05
118480365	0.70	1.9	18	13	316	2.32	6.5	53.5	48.5	244	1.71	< 0.1	0.6	4.3	13.2	7.16	2.5	1.0	1.77	0.094	< 0.02	0.14	0.18
118480366	0.57	1.1	7	5	84	0.89	3.3	11.1	39.0	42.0	0.62	< 0.1	9.9	2.6	13.3	4.60	1.4	0.3	2.07	0.080	< 0.02	0.08	0.08
118480367	0.32	0.9	11	5	> 10000	3.47	4.8	10.8	15.1	64.4	< 0.02	< 0.1	2.6	4.5	11.4	3.87	< 0.1	0.3	4.05	0.085	< 0.02	0.10	0.10
118480368	0.50	2.0	14	13	609	6.49	20.9	68.1	85.8	510	1.18	0.1	4.2	3.5	13.7	12.5	2.3	0.8	8.25	0.087	0.02	0.18	0.30
118480369	0.68	3.6	30	31	408	2.84	10.5	29.0	49.6	159	4.37	< 0.1	3.1	20.9	23.6	12.1	2.5	1.9	2.29	0.208	< 0.02	0.39	0.20
118480370	0.57	1.4	11	7	139	1.72	2.9	18.9	47.6	67.2	0.96	< 0.1	0.7	4.4	12.2	5.51	6.6	0.9	4.55	0.081	< 0.02	0.10	0.15
118480371	0.30	1.9	25	20	241	1.56	7.6	15.0	21.3	49.7	2.73	0.1	1.5	9.3	20.7	16.6	1.0	2.0	3.27	0.126	< 0.02	0.56	0.06
118480372	0.46	2.3	19	15	162	1.69	4.4	16.3	16.4	98.9	2.13	< 0.1	0.5	8.6	15.0	6.36	6.3	1.5	0.66	0.063	< 0.02	0.27	0.06
118480373	0.48	1.7	15	17	145	1.33	11.1	29.9	53.2	106	2.11	< 0.1	0.6	9.8	17.4	9.38	0.6	0.8	0.99	0.090	< 0.02	0.21	0.04

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480374	0.55	2.1	18	23	155	1.55	5.2	25.7	40.0	56.9	1.24	< 0.1	0.2	5.2	15.9	5.16	4.0	1.0	2.09	0.083	< 0.02	0.11	0.03
118480375	0.77	1.3	2	2	101	0.55	3.8	38.0	139	53.6	0.45	< 0.1	1.5	3.4	16.5	6.30	2.6	0.3	0.53	0.106	< 0.02	< 0.05	0.11
118480376	0.36	4.4	33	29	340	2.42	12.4	32.6	47.2	198	5.34	< 0.1	3.7	26.6	16.3	12.5	5.8	1.9	2.17	0.198	< 0.02	0.49	0.44
118480377	0.32	1.7	17	14	241	2.07	5.6	13.5	21.6	41.6	1.73	< 0.1	0.4	6.7	12.2	9.29	0.7	0.8	1.02	0.056	< 0.02	0.16	0.06
118480378	0.29	1.7	25	19	229	1.48	7.2	13.7	20.2	46.0	2.49	0.1	1.2	8.8	19.8	15.4	0.9	1.8	3.39	0.105	< 0.02	0.50	0.05
118480379	0.79	3.1	15	14	117	0.95	4.4	24.6	65.8	52.1	1.32	< 0.1	29.5	5.6	8.9	8.97	2.4	1.0	0.80	0.095	< 0.02	0.16	0.27
118480380	0.51	2.0	20	15	170	1.20	6.1	18.9	33.5	88.2	2.03	< 0.1	7.8	9.5	15.9	8.18	3.5	1.2	1.50	0.138	< 0.02	0.22	0.28
118480381	0.51	4.2	38	27	277	3.05	12.7	26.6	105	92.3	3.47	< 0.1	2.1	13.6	13.6	12.0	3.6	2.0	1.05	0.187	< 0.02	0.46	0.19
118480382	0.59	2.3	20	13	134	1.27	3.8	12.6	14.2	58.4	1.88	< 0.1	0.5	5.9	13.3	5.32	6.5	1.6	0.95	0.079	< 0.02	0.31	0.07
118480383	0.54	2.3	15	13	184	1.88	3.6	22.2	19.6	85.6	1.74	< 0.1	< 0.1	7.3	14.3	5.13	6.8	1.2	0.68	0.066	< 0.02	4.66	0.04
118480384	0.61	1.6	22	17	398	3.56	14.3	28.4	208	70.7	2.02	< 0.1	1.4	5.8	10.9	9.56	0.8	1.1	1.18	0.297	< 0.02	0.22	0.09
118480385	< 0.01	< 0.1	< 1	< 1	87	0.14	0.1	0.8	2.90	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.5	0.19	< 0.1	< 0.1	0.35	< 0.002	< 0.02	< 0.05	< 0.02
118480386	0.58	0.4	< 1	< 1	346	1.35	1.6	37.6	26.2	57.9	< 0.02	< 0.1	0.5	0.7	16.8	1.40	1.6	< 0.1	1.49	0.081	< 0.02	< 0.05	0.05
118480387	0.44	2.5	25	20	189	1.66	10.9	35.6	51.4	119	2.83	0.1	1.0	12.3	22.8	14.8	2.7	1.5	1.91	0.134	< 0.02	0.29	0.24
118480388	0.50	1.8	18	18	544	1.67	6.6	19.5	43.2	75.9	1.62	< 0.1	2.9	6.3	19.3	11.9	0.2	0.6	2.43	0.145	< 0.02	0.19	0.09
118480389	0.95	2.9	38	23	385	2.07	8.2	42.7	96.6	361	2.98	< 0.1	7.4	13.2	39.0	11.9	5.9	2.0	3.71	0.298	< 0.02	0.32	0.87
118480390	0.67	0.9	16	9	> 10000	2.92	21.0	153	50.4	1050	0.80	< 0.1	3.5	4.2	14.8	10.3	< 0.1	0.3	5.89	0.126	< 0.02	0.20	0.16
118480391	0.47	2.3	19	16	209	1.93	4.3	15.2	15.5	56.8	2.20	< 0.1	0.2	10.3	14.6	5.85	5.5	1.4	1.65	0.056	< 0.02	0.26	0.05
118480392	0.28	1.8	25	18	220	1.45	7.0	13.6	19.2	46.3	2.49	< 0.1	1.0	8.7	20.1	15.5	0.9	1.8	2.98	0.112	< 0.02	0.53	0.05
118480393	0.64	0.7	5	3	96	0.73	2.0	37.0	48.8	97.5	0.51	< 0.1	0.2	2.4	12.5	4.59	1.1	0.4	3.79	0.067	< 0.02	< 0.05	0.05
118480394	0.48	0.6	8	8	99	0.91	5.2	11.1	23.3	45.6	0.38	< 0.1	0.6	2.4	14.5	7.64	< 0.1	0.3	1.45	0.105	< 0.02	0.18	0.06
118480395	0.37	3.2	29	27	584	7.54	35.1	105	59.2	521	2.87	0.1	14.0	12.5	31.3	18.6	0.8	1.1	4.21	0.191	0.02	0.71	0.29
118480396	0.39	3.1	27	24	362	1.81	12.0	29.7	52.9	130	2.99	0.1	1.6	14.1	20.3	17.3	1.2	1.4	1.62	0.249	< 0.02	0.35	0.22
118480397	0.39	0.5	8	5	688	2.42	12.6	32.6	43.9	62.2	0.81	< 0.1	0.9	2.4	10.4	10.1	0.2	0.3	0.83	0.080	< 0.02	< 0.05	0.05
118480398	0.51	3.2	26	19	196	2.41	8.6	22.8	32.2	98.6	3.29	< 0.1	0.8	13.9	20.5	7.64	8.1	2.1	1.18	0.129	< 0.02	0.40	0.25

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480122	< 0.02	1.41	108	25.6	42.8	0.29	6.4	21.8	3.3	0.8	0.8	3.1	0.4	2.2	0.4	1.2	0.2	0.8	0.1	< 0.1	< 0.05	0.2	0.001
118480123	0.03	1.08	94.7	34.0	56.6	0.57	8.6	29.4	4.5	1.0	1.1	4.4	0.5	3.1	0.5	1.5	0.2	1.1	0.2	< 0.1	< 0.05	0.1	< 0.001
118480124	0.05	1.72	127	29.6	46.8	0.58	7.4	24.4	3.7	1.2	0.9	3.6	0.4	2.6	0.5	1.3	0.2	0.9	0.1	< 0.1	< 0.05	0.1	0.001
118480125	< 0.02	0.88	71.0	54.4	61.6	0.78	14.5	50.6	7.5	1.4	1.9	6.3	0.7	3.3	0.5	1.4	0.2	0.9	0.1	< 0.1	< 0.05	< 0.1	0.004
118480126	< 0.02	0.88	58.0	35.2	55.3	0.27	9.0	30.5	4.8	1.0	0.8	4.7	0.6	3.4	0.6	1.7	0.2	1.1	0.2	< 0.1	< 0.05	0.5	< 0.001
118480127	0.03	0.11	30.1	5.5	8.58	0.26	1.4	4.48	0.7	0.7	0.2	0.7	< 0.1	0.6	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.002
118480128	< 0.02	0.55	36.6	11.4	18.9	0.54	2.9	9.98	1.6	0.7	0.4	1.6	0.2	1.1	0.2	0.5	< 0.1	0.3	< 0.1	0.1	< 0.05	0.1	0.001
118480129	0.05	1.37	86.5	27.0	45.2	0.27	6.6	21.9	3.3	0.6	0.8	3.2	0.4	2.3	0.4	1.2	0.2	0.8	0.1	< 0.1	< 0.05	0.2	0.001
118480130	0.03	0.95	59.7	18.9	30.3	0.34	4.7	15.7	2.4	1.2	0.6	2.3	0.3	1.7	0.3	0.8	0.1	0.6	< 0.1	< 0.1	< 0.05	0.2	0.003
118480131	< 0.02	0.17	3.3	29.2	36.3	0.21	7.1	24.8	3.6	1.2	0.7	3.3	0.4	1.9	0.3	0.8	0.1	1.1	< 0.1	< 0.1	< 0.05	0.1	0.002
118480132	0.03	1.21	111	20.7	34.6	0.16	5.1	17.3	2.8	0.6	0.7	2.7	0.3	1.9	0.3	1.0	0.1	0.6	< 0.1	< 0.1	< 0.05	0.1	0.001
118480133	< 0.02	0.92	65.3	36.3	57.3	0.28	9.3	31.7	4.9	1.0	0.8	4.8	0.6	3.5	0.6	1.7	0.2	1.1	0.2	< 0.1	< 0.05	0.4	< 0.001
118480134	0.02	1.07	77.4	33.2	47.4	0.63	8.1	27.3	4.2	1.6	1.0	4.2	0.5	3.0	0.5	1.5	0.2	1.0	0.2	< 0.1	< 0.05	0.1	0.001
118480135	< 0.02	0.37	40.6	10.1	15.3	0.44	2.4	8.26	1.2	1.3	0.3	1.2	0.2	0.9	0.2	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.002
118480136	< 0.02	0.88	2.7	18.2	24.0	0.36	5.0	18.4	3.3	2.3	0.6	3.5	0.5	2.6	0.4	1.1	0.1	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.008
118480137	0.02	1.28	56.5	19.1	29.7	1.12	4.9	17.3	2.9	3.1	0.7	2.9	0.4	2.1	0.4	1.0	0.1	0.7	0.1	< 0.1	< 0.05	< 0.1	0.002
118480138	< 0.02	1.52	164	26.6	44.6	0.66	6.6	22.3	3.4	1.2	0.8	3.2	0.4	2.3	0.4	1.2	0.2	0.8	0.1	< 0.1	< 0.05	0.3	0.002
118480139	0.08	1.23	131	34.5	55.7	1.00	8.1	27.0	4.1	1.9	1.0	4.2	0.5	3.0	0.5	1.6	0.2	1.1	0.2	< 0.1	< 0.05	0.1	< 0.001
118480140	< 0.02	< 0.02	1.4	< 0.5	0.20	< 0.01	< 0.1	0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480141	< 0.02	0.71	53.1	20.8	35.4	0.25	5.5	18.6	2.9	0.6	0.7	2.8	0.3	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.1	< 0.001
118480142	0.03	0.64	4.9	12.8	16.4	1.22	3.0	10.4	1.7	7.1	0.4	1.7	0.2	1.3	0.2	0.7	< 0.1	0.5	< 0.1	< 0.1	< 0.05	0.1	0.010
118480143	0.04	0.99	126	35.0	58.3	0.79	8.5	28.7	4.4	1.8	1.0	4.3	0.5	3.0	0.5	1.5	0.2	1.0	0.2	< 0.1	< 0.05	0.1	0.001
118480144	< 0.02	0.17	47.6	8.9	15.0	0.34	2.4	8.16	1.2	1.1	0.3	1.3	0.2	1.0	0.2	0.5	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001
118480145	0.02	0.57	17.6	17.0	22.3	0.96	3.8	12.9	2.0	1.7	0.5	1.9	0.2	1.4	0.2	0.7	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.1	0.004
118480146	0.03	0.42	8.5	13.2	15.8	0.43	3.2	11.1	1.7	1.9	0.4	1.7	0.2	1.3	0.2	0.7	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.2	0.005
118480147	0.03	0.99	65.1	39.8	63.3	0.27	10.3	35.5	5.5	1.1	0.9	5.4	0.7	3.9	0.7	2.0	0.3	1.2	0.2	< 0.1	< 0.05	0.5	0.001
118480148	0.03	0.48	11.0	36.9	43.3	1.46	8.2	27.4	4.0	1.1	0.9	4.0	0.5	3.0	0.5	1.5	0.2	1.0	0.2	< 0.1	< 0.05	0.1	0.003
118480149	< 0.02	0.09	< 0.5	3.5	4.39	0.57	0.8	2.69	0.4	1.6	0.1	0.4	< 0.1	0.3	< 0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.007
118480150	0.03	1.21	137	27.2	44.8	0.61	6.7	22.5	3.4	1.3	0.8	3.4	0.4	2.4	0.4	1.3	0.2	0.9	0.1	< 0.1	< 0.05	0.1	0.001
118480151	0.02	0.81	61.8	23.2	35.0	0.35	6.1	21.1	3.3	1.8	0.8	3.3	0.4	2.4	0.4	1.2	0.2	0.8	0.1	< 0.1	< 0.05	0.1	0.002
118480152	0.02	0.60	165	21.1	31.1	0.32	5.1	17.0	2.6	1.4	0.6	2.5	0.3	1.8	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.5	< 0.001
118480153	0.03	1.17	398	37.9	55.6	1.23	8.7	28.9	4.4	1.9	1.0	4.4	0.6	3.2	0.6	1.7	0.2	1.1	0.2	< 0.1	< 0.05	0.2	0.001
118480154	0.02	0.96	65.1	39.5	62.6	0.24	10.0	34.0	5.3	1.0	0.9	5.3	0.7	3.9	0.7	2.0	0.3	1.2	0.2	< 0.1	< 0.05	0.5	< 0.001
118480155	0.02	0.51	4.3	38.9	58.5	1.11	9.2	30.3	4.5	2.0	1.2	4.6	0.6	3.4	0.6	1.8	0.2	1.2	0.2	< 0.1	< 0.05	0.1	0.001
118480156	0.03	1.20	130	34.6	51.2	1.00	8.3	28.1	4.2	2.4	1.0	4.1	0.5	3.0	0.5	1.6	0.2	1.1	0.2	< 0.1	< 0.05	0.2	0.003
118480157	0.03	1.04	171	21.9	36.1	0.30	5.5	18.8	3.0	1.4	0.7	2.9	0.4	2.0	0.3	1.0	0.1	0.6	< 0.1	< 0.1	< 0.05	0.3	0.001
118480158	< 0.02	0.58	65.7	28.0	43.9	0.30	7.1	24.0	3.7	0.5	0.9	3.5	0.4	2.3	0.4	1.1	0.1	0.7	0.1	< 0.1	< 0.05	0.2	< 0.001
118480159	< 0.02	1.38	116	33.1	55.2	0.37	8.5	28.7	4.5	1.5	1.1	4.5	0.5	3.2	0.6	1.7	0.2	1.1	0.2	< 0.1	< 0.05	0.1	< 0.001
118480160	< 0.02	0.53	16.6	27.6	37.5	0.50	7.4	26.7	4.6	2.9	0.8	4.9	0.6	3.6	0.6	1.5	0.2	0.8	0.1	< 0.1	< 0.05	< 0.1	0.005
118480161	0.02	0.89	58.8	36.8	58.4	0.25	9.4	32.1	4.9	1.1	0.9	5.0	0.6	3.6	0.6	1.8	0.2	1.2	0.2	< 0.1	< 0.05	0.6	0.001
118480162	< 0.02	1.09	94.0	35.5	47.1	0.78	8.5	28.4	4.2	1.9	1.0	4.1	0.5	2.8	0.5	1.4	0.2	0.9	0.1	< 0.1	< 0.05	0.1	0.003
118480163	< 0.02	0.67	66.0	27.1	41.4	0.24	6.7	22.5	3.5	0.8	0.8	3.4	0.4	2.3	0.4	1.1	0.1	0.7	0.1	< 0.1	< 0.05	0.5	0.001

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480164	0.03	1.04	99.1	62.8	92.5	1.94	13.7	44.8	6.8	1.7	1.7	7.2	0.9	5.1	0.9	2.6	0.3	1.6	0.3	< 0.1	< 0.05	0.2	0.001
118480165	< 0.02	0.77	9.1	29.0	34.7	0.91	6.3	20.8	3.1	1.0	0.7	3.2	0.4	2.3	0.4	1.2	0.2	0.8	0.1	< 0.1	< 0.05	0.1	0.003
118480166	< 0.02	0.54	66.9	20.6	31.0	0.49	5.3	18.3	2.9	1.1	0.7	2.8	0.3	2.0	0.4	1.1	0.2	0.7	0.1	< 0.1	< 0.05	< 0.1	0.002
118480167	0.05	2.06	145	41.5	59.3	0.63	10.5	36.1	5.6	1.1	1.3	5.6	0.7	4.1	0.7	2.1	0.3	1.3	0.2	< 0.1	< 0.05	0.2	0.001
118480168	0.12	0.93	16.7	16.1	25.8	1.59	4.6	16.8	3.1	2.4	0.8	3.6	0.5	3.1	0.6	1.7	0.3	1.2	0.2	< 0.1	< 0.05	0.2	0.003
118480169	< 0.02	0.98	53.7	24.9	35.7	0.28	6.1	21.1	3.3	1.1	0.8	3.2	0.4	2.3	0.4	1.2	0.2	0.8	0.1	< 0.1	< 0.05	0.2	0.001
118480170	< 0.02	0.54	44.5	21.2	33.1	0.11	5.4	18.6	3.0	0.4	0.7	2.9	0.4	2.1	0.4	1.1	0.1	0.7	0.1	0.1	< 0.05	0.2	0.002
118480171	< 0.02	0.50	3.1	7.8	13.3	0.16	2.0	6.69	1.1	1.5	0.3	1.1	0.1	0.8	0.1	0.4	< 0.1	0.3	< 0.1	0.2	< 0.05	0.1	0.004
118480172	< 0.02	1.33	109	39.9	48.8	0.56	10.1	34.4	5.3	1.9	1.3	5.3	0.6	3.8	0.7	2.1	0.3	1.4	0.2	< 0.1	< 0.05	0.2	0.002
118480173	< 0.02	0.32	39.7	27.7	32.5	0.21	6.0	19.1	2.6	2.0	0.5	2.3	0.2	1.3	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.2	0.002
118480174	0.03	0.79	49.7	18.2	30.4	0.37	4.4	14.9	2.3	1.4	0.6	2.3	0.3	1.7	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001
118480175	< 0.02	< 0.02	< 0.5	< 0.5	0.14	< 0.01	< 0.1	0.09	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480176	< 0.02	0.57	< 0.5	16.9	25.5	1.65	4.0	13.7	2.1	1.8	0.5	2.2	0.3	1.5	0.3	0.7	0.1	0.5	< 0.1	< 0.1	< 0.05	0.4	0.008
118480177	< 0.02	0.81	68.6	23.1	35.4	0.23	5.8	20.2	3.2	1.1	0.7	3.1	0.4	2.2	0.4	1.1	0.2	0.7	0.1	0.2	< 0.05	0.1	0.002
118480178	< 0.02	0.47	< 0.5	15.1	20.1	0.34	3.8	13.3	2.1	5.4	0.5	2.1	0.3	1.5	0.3	0.8	0.1	0.5	< 0.1	0.3	< 0.05	0.2	0.012
118480179	0.03	0.33	27.3	7.5	7.39	0.51	2.0	7.24	1.2	3.8	0.3	1.3	0.2	0.9	0.2	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.004
118480180	0.03	1.59	224	28.4	47.2	0.70	6.9	23.2	3.6	1.2	0.8	3.6	0.4	2.5	0.4	1.3	0.2	0.9	0.1	< 0.1	< 0.05	0.2	< 0.001
118480181	< 0.02	0.67	63.0	21.7	38.5	0.34	5.9	20.9	3.4	1.2	0.9	3.4	0.4	2.3	0.4	1.1	0.2	0.7	0.1	< 0.1	< 0.05	0.1	0.002
118480182	< 0.02	0.94	67.8	38.4	60.8	0.27	10.0	34.5	5.4	1.1	0.9	5.2	0.7	3.9	0.7	2.0	0.3	1.2	0.2	< 0.1	< 0.05	0.5	0.001
118480183	0.04	1.09	148	52.3	51.4	0.77	12.5	43.1	6.5	2.7	1.6	6.3	0.7	3.8	0.7	1.8	0.2	1.1	0.2	< 0.1	< 0.05	0.1	0.003
118480184	< 0.02	0.30	12.7	11.1	12.7	0.23	2.9	10.3	1.7	1.5	0.5	1.9	0.2	1.3	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.1	0.007
118480185	0.04	0.96	16.1	19.3	28.7	0.31	4.7	16.0	2.5	2.6	0.6	2.6	0.3	1.8	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.3	0.005
118480186	0.02	0.65	25.4	10.6	13.7	0.20	2.6	8.93	1.4	1.4	0.3	1.4	0.2	1.0	0.2	0.5	< 0.1	0.4	< 0.1	0.1	< 0.05	< 0.1	0.002
118480187	0.02	0.62	56.2	18.9	25.0	0.27	4.5	15.3	2.4	1.1	0.6	2.4	0.3	1.7	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.004
118480188	0.03	0.55	32.9	34.9	43.1	0.40	7.7	25.1	3.5	1.9	0.7	3.2	0.4	2.0	0.3	1.0	0.1	0.6	< 0.1	< 0.1	< 0.05	0.3	0.004
118480189	< 0.02	0.90	63.3	35.0	55.3	0.25	9.0	30.6	4.7	1.0	0.8	4.7	0.6	3.5	0.6	1.8	0.2	1.1	0.2	< 0.1	< 0.05	0.5	< 0.001
118480190	< 0.02	0.14	4.5	21.4	24.8	3.13	4.4	15.1	2.3	1.7	0.6	2.6	0.3	1.7	0.3	0.8	0.1	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.013
118480191	< 0.02	0.71	16.4	13.9	23.1	0.29	3.5	12.1	1.9	1.4	0.5	1.8	0.2	1.2	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.4	0.003
118480192	< 0.02	1.33	55.9	23.3	23.4	0.42	5.8	20.0	3.1	1.8	0.8	3.0	0.4	2.1	0.4	1.1	0.2	0.8	0.1	< 0.1	< 0.05	0.3	0.002
118480193	0.04	1.28	107	24.9	39.6	0.51	6.1	20.5	3.1	1.1	0.7	3.0	0.4	2.2	0.4	1.1	0.2	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001
118480194	0.11	0.38	14.3	9.2	13.2	0.29	2.2	7.71	1.3	1.5	0.3	1.3	0.2	0.9	0.2	0.5	< 0.1	0.3	< 0.1	0.1	< 0.05	0.1	0.004
118480195	< 0.02	0.88	16.4	24.6	28.9	0.50	6.1	21.3	3.2	1.9	0.8	3.3	0.4	2.3	0.4	1.3	0.2	0.9	0.1	0.1	< 0.05	0.1	0.004
118480196	< 0.02	0.88	60.3	34.8	55.0	0.24	8.8	29.8	4.7	1.1	0.8	4.6	0.6	3.4	0.6	1.7	0.2	1.1	0.2	< 0.1	< 0.05	0.4	< 0.001
118480197	< 0.02	0.45	138	38.9	59.6	0.33	9.5	32.4	4.8	1.3	1.2	4.3	0.5	2.5	0.4	1.1	0.2	0.7	0.1	< 0.1	< 0.05	2.1	0.001
118480198	< 0.02	0.33	7.7	4.7	7.20	0.38	1.2	4.49	0.8	1.8	0.2	0.9	0.1	0.7	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.004
118480199	< 0.02	0.44	42.0	19.0	28.1	0.12	4.4	14.9	2.3	0.6	0.5	2.2	0.3	1.5	0.2	0.7	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001
118480200	< 0.02	0.90	36.2	18.7	28.7	0.38	4.5	15.5	2.4	2.2	0.6	2.4	0.3	1.7	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.4	0.003
118480201	0.03	1.05	130	33.3	52.8	0.94	7.8	26.1	3.9	2.0	0.9	3.8	0.5	2.7	0.5	1.4	0.2	1.0	0.2	< 0.1	< 0.05	0.2	0.003
118480202	0.02	0.63	155	17.2	26.8	0.81	4.2	14.1	2.2	2.1	0.5	2.3	0.3	1.6	0.3	0.8	0.1	0.6	< 0.1	< 0.1	< 0.05	0.2	0.003
118480203	0.02	0.90	61.0	35.4	55.9	0.24	8.9	30.4	4.7	0.8	0.8	4.7	0.6	3.5	0.6	1.8	0.2	1.1	0.2	< 0.1	< 0.05	0.4	0.002
118480204	< 0.02	0.37	166	28.3	40.5	0.37	6.9	23.3	3.6	1.5	0.8	3.5	0.4	2.5	0.4	1.3	0.2	0.8	0.1	< 0.1	< 0.05	3.2	0.006
118480205	< 0.02	0.41	69.5	17.4	22.0	0.15	4.2	14.7	2.3	0.9	0.5	2.2	0.3	1.5	0.3	0.7	0.1	0.5	< 0.1	< 0.1	< 0.05	0.6	0.003

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480206	0.03	0.56	19.1	23.7	33.2	1.14	5.4	18.1	2.8	1.9	0.7	2.8	0.3	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.3	0.003
118480207	0.02	0.78	22.3	19.0	27.8	0.70	4.6	15.8	2.5	2.3	0.6	2.4	0.3	1.8	0.3	0.9	0.1	0.6	< 0.1	0.2	< 0.05	0.1	0.005
118480208	< 0.02	1.14	5.6	7.1	11.0	0.38	2.0	7.31	1.3	1.5	0.3	1.6	0.2	1.1	0.2	0.5	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.004
118480209	< 0.02	0.58	63.9	18.8	30.1	0.23	4.7	16.3	2.6	0.6	0.6	2.6	0.3	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.3	0.005
118480210	< 0.02	< 0.02	2.0	< 0.5	0.13	< 0.01	< 0.1	0.09	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480211	0.03	1.02	26.9	20.2	28.9	0.38	4.7	16.0	2.4	1.2	0.6	2.5	0.3	1.8	0.3	1.0	0.1	0.6	0.1	< 0.1	< 0.05	0.1	0.002
118480212	0.04	1.17	74.3	26.2	45.4	0.20	6.5	22.1	3.6	0.7	0.8	3.6	0.5	2.6	0.4	1.3	0.2	0.8	0.1	< 0.1	< 0.05	0.1	< 0.001
118480213	< 0.02	0.44	26.9	16.5	19.6	0.26	4.0	14.0	2.1	1.5	0.6	2.1	0.3	1.5	0.3	0.7	0.1	0.5	< 0.1	0.1	< 0.05	0.1	0.002
118480214	0.02	0.12	10.9	3.7	4.18	0.24	0.9	3.44	0.6	1.9	0.2	0.7	< 0.1	0.5	< 0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.004
118480215	0.20	0.25	3.8	8.7	14.2	0.18	2.2	7.63	1.2	0.7	0.3	1.3	0.2	0.9	0.2	0.5	< 0.1	0.3	< 0.1	0.1	< 0.05	0.3	0.004
118480216	< 0.02	1.00	32.1	17.4	22.4	0.54	4.1	14.1	2.0	3.4	0.4	2.0	0.2	1.3	0.2	0.7	0.1	0.5	< 0.1	< 0.1	< 0.05	0.1	0.002
118480217	< 0.02	0.96	66.0	39.0	61.3	0.27	9.9	34.1	5.3	1.0	0.9	5.3	0.7	3.9	0.7	2.0	0.3	1.2	0.2	< 0.1	< 0.05	0.5	0.001
118480218	0.06	0.79	23.7	37.2	68.9	2.59	11.7	42.3	6.9	3.0	1.8	6.5	0.8	4.2	0.7	2.0	0.3	1.3	0.2	< 0.1	< 0.05	< 0.1	0.005
118480219	0.02	1.32	273	34.3	49.3	0.93	8.0	27.0	4.1	2.5	1.0	4.1	0.5	3.0	0.5	1.6	0.2	1.1	0.2	< 0.1	< 0.05	0.4	0.004
118480220	< 0.02	0.13	15.3	44.9	71.2	0.28	11.4	39.5	5.5	1.1	0.9	5.1	0.6	3.0	0.5	1.3	0.2	0.7	0.1	< 0.1	< 0.05	< 0.1	0.004
118480221	< 0.02	0.66	58.5	27.5	39.5	0.18	6.8	23.4	3.7	0.9	0.9	3.6	0.4	2.5	0.4	1.3	0.2	0.9	0.1	< 0.1	< 0.05	1.6	0.001
118480222	0.11	0.17	31.7	27.8	41.4	0.94	6.2	20.3	2.9	1.6	0.9	2.8	0.3	1.6	0.3	0.7	0.1	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001
118480223	0.03	1.48	95.5	36.3	53.3	0.73	9.1	31.0	4.6	1.8	1.1	4.3	0.5	3.0	0.5	1.7	0.2	1.1	0.2	< 0.1	< 0.05	0.1	0.002
118480224	< 0.02	0.94	66.4	38.9	60.6	0.27	9.7	33.5	5.2	1.2	0.9	5.2	0.7	3.8	0.7	1.9	0.3	1.2	0.2	< 0.1	< 0.05	0.5	< 0.001
118480225	< 0.02	0.46	23.2	9.2	14.5	0.20	2.3	8.25	1.4	1.0	0.3	1.4	0.2	1.0	0.2	0.5	< 0.1	0.3	< 0.1	0.1	< 0.05	< 0.1	0.002
118480226	0.02	0.14	5.9	12.8	18.0	1.07	2.8	9.81	1.5	2.4	0.4	1.6	0.2	1.1	0.2	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.3	0.010
118480227	< 0.02	0.89	66.5	20.6	33.3	0.16	5.0	17.1	2.7	0.3	0.6	2.7	0.3	1.8	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.1	< 0.001
118480228	< 0.02	0.53	11.5	26.2	29.6	0.57	6.0	19.8	2.9	1.5	0.7	2.9	0.4	2.2	0.4	1.2	0.2	0.9	0.1	0.1	< 0.05	0.4	0.004
118480229	0.03	0.66	5.3	32.1	43.8	0.34	7.2	24.4	3.4	1.9	0.8	3.3	0.4	2.3	0.4	1.2	0.2	0.8	0.1	0.3	< 0.05	0.2	0.004
118480230	0.03	0.87	57.3	30.9	41.4	0.86	7.3	24.7	3.8	1.2	1.0	4.0	0.5	2.9	0.5	1.5	0.2	1.0	0.2	< 0.1	< 0.05	0.2	0.002
118480231	< 0.02	0.94	66.2	38.9	61.5	0.29	9.8	33.4	5.2	1.0	0.9	5.1	0.7	3.8	0.7	1.9	0.3	1.2	0.2	< 0.1	< 0.05	0.5	0.001
118480232	0.03	1.27	128	50.1	61.0	0.56	12.1	41.9	6.2	2.0	1.5	5.9	0.7	3.9	0.7	2.1	0.3	1.4	0.2	< 0.1	< 0.05	0.2	0.002
118480233	< 0.02	1.36	102	28.1	43.9	0.37	6.7	22.7	3.5	0.6	0.8	3.4	0.4	2.4	0.4	1.3	0.2	0.9	0.1	0.1	< 0.05	0.2	0.001
118480234	0.05	1.15	150	30.2	47.9	0.90	7.1	24.0	3.7	1.9	0.9	3.8	0.5	2.8	0.5	1.5	0.2	1.0	0.2	< 0.1	< 0.05	0.2	0.001
118480235	< 0.02	1.07	69.0	25.9	42.0	0.18	6.2	20.6	3.2	0.6	0.8	3.2	0.4	2.3	0.4	1.2	0.2	0.8	0.1	0.4	< 0.05	0.2	0.001
118480236	< 0.02	0.37	6.4	18.1	18.3	0.57	4.2	14.5	2.2	3.4	0.5	2.2	0.3	1.6	0.3	0.9	0.1	0.7	0.1	< 0.1	< 0.05	0.1	0.010
118480237	0.03	1.19	79.6	28.5	44.3	0.25	7.1	24.4	3.8	0.5	0.9	3.7	0.5	2.6	0.4	1.3	0.2	0.9	0.1	< 0.1	< 0.05	0.1	0.001
118480238	0.02	0.97	68.9	39.8	62.1	0.25	9.9	34.0	5.3	0.8	0.9	5.2	0.7	3.9	0.7	2.0	0.3	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480239	< 0.02	0.51	4.7	9.5	14.0	0.37	2.3	8.16	1.3	2.7	0.3	1.4	0.2	1.0	0.2	0.5	< 0.1	0.3	< 0.1	0.1	< 0.05	0.2	0.004
118480240	0.03	0.82	125	43.1	70.5	0.69	11.0	37.4	5.8	2.2	1.5	5.7	0.7	4.0	0.7	2.1	0.3	1.4	0.2	< 0.1	< 0.05	0.4	0.002
118480241	0.02	0.88	53.8	39.5	41.9	0.58	9.5	32.9	4.9	1.6	1.2	4.8	0.6	3.4	0.6	1.8	0.3	1.3	0.2	< 0.1	< 0.05	0.2	0.003
118480242	0.04	0.83	87.0	33.4	54.8	0.39	8.5	29.4	4.6	1.0	1.1	4.2	0.5	2.7	0.4	1.3	0.2	0.9	0.1	< 0.1	< 0.05	0.3	< 0.001
118480243	0.04	0.32	7.0	15.2	15.2	0.62	3.5	12.2	1.8	2.9	0.4	1.8	0.2	1.3	0.2	0.7	< 0.1	0.5	< 0.1	0.2	< 0.05	0.1	0.006
118480244	0.03	0.30	86.7	9.2	13.3	0.27	2.1	7.35	1.1	0.9	0.3	1.1	0.1	0.8	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001
118480245	< 0.02	< 0.02	1.2	< 0.5	0.13	< 0.01	< 0.1	0.10	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480246	0.04	0.98	136	32.2	48.2	0.75	7.7	25.6	3.7	1.7	0.8	3.6	0.4	2.5	0.4	1.3	0.2	1.0	0.2	< 0.1	< 0.05	0.2	0.001
118480247	0.05	0.55	22.5	17.7	21.2	0.45	4.4	15.8	2.5	2.8	0.7	2.6	0.3	2.0	0.4	1.1	0.1	0.8	0.1	< 0.1	< 0.05	< 0.1	0.005

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480248	0.03	0.54	39.1	15.2	19.6	0.37	3.5	12.1	1.8	1.3	0.4	1.8	0.2	1.3	0.2	0.7	0.1	0.5	< 0.1	< 0.1	< 0.05	0.2	0.002
118480249	1.35	0.45	45.9	16.7	22.5	0.26	3.9	13.4	2.0	1.1	0.5	1.9	0.2	1.4	0.2	0.7	< 0.1	0.5	< 0.1	0.1	< 0.05	0.1	0.002
118480250	0.02	1.14	358	28.1	45.7	0.79	6.8	22.9	3.4	1.2	0.8	3.3	0.4	2.3	0.4	1.2	0.2	0.9	0.1	< 0.1	< 0.05	0.3	0.002
118480251	0.06	0.84	5.9	20.6	29.1	0.47	5.1	17.7	2.8	1.6	0.7	2.8	0.4	2.2	0.4	1.3	0.2	0.9	0.2	< 0.1	< 0.05	0.1	0.005
118480252	0.03	0.87	60.3	37.4	58.9	0.23	9.3	32.1	5.0	1.0	0.9	5.0	0.6	3.6	0.6	1.8	0.2	1.2	0.2	< 0.1	< 0.05	0.6	0.001
118480253	0.04	1.26	81.4	27.3	45.3	0.30	6.8	23.2	3.6	0.6	0.8	3.5	0.4	2.4	0.4	1.3	0.2	0.8	0.1	< 0.1	< 0.05	0.1	< 0.001
118480254	0.04	0.77	68.3	20.0	31.2	0.33	4.9	16.9	2.7	0.4	0.6	2.7	0.3	1.9	0.3	0.9	0.1	0.7	0.1	< 0.1	< 0.05	0.3	0.002
118480255	< 0.02	0.13	4.2	10.8	13.1	1.04	2.5	8.54	1.3	1.6	0.3	1.4	0.2	1.1	0.2	0.6	< 0.1	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.003
118480256	0.06	1.40	3.1	27.5	35.9	0.93	6.2	20.8	3.2	2.6	0.9	3.6	0.5	2.9	0.5	1.5	0.2	1.1	0.2	< 0.1	< 0.05	0.1	0.006
118480257	< 0.02	0.31	9.2	10.6	14.6	0.41	2.7	9.96	1.8	1.7	0.4	1.9	0.3	1.4	0.3	0.7	< 0.1	0.5	< 0.1	< 0.1	< 0.05	0.1	0.003
118480258	0.04	1.33	210	32.0	46.8	0.68	7.5	25.2	3.8	2.5	0.9	3.7	0.5	2.6	0.5	1.4	0.2	1.1	0.2	< 0.1	< 0.05	0.3	0.002
118480259	< 0.02	0.93	65.2	40.1	63.9	0.25	10.3	35.0	5.4	1.0	0.9	5.2	0.7	3.7	0.7	1.9	0.3	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480260	0.02	0.22	17.0	13.2	16.9	0.38	3.2	11.0	1.7	1.5	0.4	1.7	0.2	1.3	0.2	0.7	0.1	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.004
118480261	0.03	0.77	13.0	21.3	28.3	0.53	5.0	17.4	2.7	3.0	0.7	2.8	0.3	2.1	0.4	1.2	0.2	0.9	0.2	< 0.1	< 0.05	0.3	0.003
118480262	< 0.02	0.74	8.7	12.0	17.7	0.11	3.0	10.4	1.6	1.3	0.4	1.6	0.2	1.1	0.2	0.6	< 0.1	0.4	< 0.1	0.2	< 0.05	< 0.1	0.005
118480263	0.04	0.53	4.6	68.6	63.1	0.57	17.3	60.8	8.9	6.4	2.1	8.5	0.9	4.9	0.8	2.2	0.3	1.4	0.2	< 0.1	< 0.05	0.1	0.006
118480264	0.02	0.73	70.6	26.6	41.6	0.42	6.6	22.8	3.3	1.1	0.8	3.3	0.4	2.3	0.4	1.2	0.2	0.9	0.1	< 0.1	< 0.05	< 0.1	0.001
118480265	< 0.02	0.53	55.9	25.9	29.9	0.56	6.5	23.3	3.8	2.1	0.9	4.4	0.6	3.5	0.7	2.0	0.3	1.5	0.3	< 0.1	< 0.05	0.9	0.005
118480266	0.03	0.90	62.5	39.4	62.6	0.26	9.9	33.7	5.2	0.9	0.9	5.1	0.6	3.7	0.7	1.9	0.3	1.3	0.2	< 0.1	< 0.05	0.5	< 0.001
118480267	0.03	0.49	4.4	17.9	23.0	0.26	3.9	13.1	2.0	3.6	0.5	2.1	0.3	1.5	0.2	0.7	< 0.1	0.5	< 0.1	0.1	< 0.05	0.2	0.006
118480268	< 0.02	0.71	37.6	22.6	32.1	0.35	5.3	18.3	2.8	0.8	0.7	2.7	0.3	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.2	0.002
118480269	0.02	0.29	< 0.5	16.1	21.5	3.07	3.8	13.4	2.1	3.9	0.6	2.3	0.3	1.4	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.3	0.021
118480270	0.02	0.05	32.8	14.2	14.4	0.29	3.5	12.9	2.0	0.8	0.5	1.9	0.2	1.1	0.2	0.5	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.002
118480271	< 0.02	0.76	50.1	26.1	40.8	0.52	6.5	22.0	3.4	1.3	0.8	3.3	0.4	2.4	0.4	1.3	0.2	0.9	0.1	< 0.1	< 0.05	0.1	0.002
118480272	0.04	1.13	1030	30.1	45.8	0.98	7.3	24.9	3.7	1.6	0.8	3.6	0.4	2.5	0.4	1.3	0.2	1.0	0.2	< 0.1	< 0.05	0.3	0.002
118480273	0.04	0.92	62.3	39.7	63.5	0.26	9.9	33.3	5.2	0.7	0.9	5.2	0.7	3.7	0.7	1.9	0.3	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480274	0.02	0.99	63.0	22.7	34.0	0.29	5.6	19.4	3.1	1.1	0.7	3.0	0.4	2.2	0.4	1.2	0.2	0.8	0.1	< 0.1	< 0.05	0.2	0.002
118480275	< 0.02	0.31	19.8	12.5	16.1	0.25	3.1	10.7	1.6	2.0	0.4	1.6	0.2	1.2	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.2	0.007
118480276	0.06	0.77	62.9	44.2	60.2	0.94	9.7	31.5	4.4	2.5	1.1	4.3	0.5	2.8	0.5	1.4	0.2	1.0	0.2	< 0.1	< 0.05	0.4	0.004
118480277	0.06	1.32	111	44.7	68.0	0.90	11.1	37.6	5.6	2.0	1.3	5.4	0.7	3.7	0.7	1.9	0.3	1.4	0.2	< 0.1	< 0.05	0.2	0.003
118480278	0.04	0.46	37.4	14.5	21.8	0.33	3.3	11.0	1.7	1.5	0.4	1.6	0.2	1.2	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.1	0.002
118480279	0.04	0.50	33.5	14.2	22.6	0.31	3.4	11.6	1.8	1.6	0.4	1.8	0.2	1.3	0.2	0.7	< 0.1	0.5	< 0.1	< 0.1	< 0.05	0.1	0.005
118480280	< 0.02	< 0.02	2.6	< 0.5	0.15	< 0.01	< 0.1	0.10	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480281	< 0.02	0.69	451	20.7	33.5	0.28	5.2	17.7	2.8	0.8	0.6	2.7	0.3	1.9	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001
118480282	0.04	0.65	14.2	22.1	33.1	0.38	5.5	18.8	2.9	2.3	0.7	2.9	0.3	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.6	0.012
118480283	0.03	0.91	110	29.7	46.6	0.43	7.5	26.0	3.9	0.9	0.9	3.6	0.4	2.6	0.4	1.3	0.2	0.9	0.1	< 0.1	< 0.05	< 0.1	0.001
118480284	< 0.02	0.41	< 0.5	10.5	13.4	0.61	2.5	8.76	1.3	3.3	0.3	1.3	0.2	0.9	0.2	0.5	< 0.1	0.3	< 0.1	0.2	< 0.05	0.1	0.012
118480285	< 0.02	0.76	38.0	16.3	26.8	0.13	4.1	14.2	2.3	1.2	0.5	2.3	0.3	1.6	0.3	0.8	0.1	0.5	< 0.1	0.1	< 0.05	0.2	0.001
118480286	< 0.02	0.71	11.0	17.6	21.0	0.26	5.0	18.6	3.3	1.6	0.6	3.6	0.4	2.4	0.4	1.0	0.1	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.006
118480287	0.03	0.92	62.8	39.4	62.6	0.27	10.1	33.9	5.3	0.9	0.9	5.1	0.6	3.6	0.6	1.8	0.3	1.2	0.2	< 0.1	< 0.05	0.5	0.001
118480288	0.04	0.78	144	23.6	40.0	0.26	5.8	19.9	3.1	0.4	0.7	3.0	0.4	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.2	< 0.001
118480289	0.04	1.24	453	26.0	42.7	0.37	6.1	20.6	3.1	1.2	0.7	3.0	0.4	2.0	0.4	1.1	0.2	0.8	0.1	< 0.1	< 0.05	0.3	0.001

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480290	< 0.02	0.63	41.2	21.4	35.3	0.32	5.4	18.4	2.9	1.7	0.7	2.8	0.3	1.8	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.5	0.002
118480291	0.03	0.29	2.3	14.2	14.4	0.32	3.5	12.3	1.8	1.8	0.4	1.8	0.2	1.2	0.2	0.6	< 0.1	0.4	< 0.1	0.1	< 0.05	0.2	0.005
118480292	0.07	1.28	506	26.7	43.2	0.44	6.5	21.9	3.4	0.5	0.8	3.3	0.4	2.2	0.4	1.1	0.1	0.8	0.1	< 0.1	< 0.05	0.4	< 0.001
118480293	0.03	0.79	46.4	23.3	37.9	0.19	5.7	19.6	3.1	0.4	0.7	3.1	0.4	2.1	0.4	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.2	0.001
118480294	0.03	0.93	65.0	39.9	63.2	0.27	10.0	33.8	5.3	1.0	0.9	5.1	0.6	3.6	0.6	1.9	0.3	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480295	0.04	0.86	74.6	26.3	37.8	0.70	6.5	21.9	3.3	1.2	0.7	3.1	0.4	2.2	0.4	1.2	0.2	0.9	0.1	< 0.1	< 0.05	0.3	0.004
118480296	0.02	0.34	30.1	20.4	32.9	0.10	5.1	17.4	2.7	0.3	0.6	2.7	0.3	1.8	0.3	0.9	0.1	0.5	< 0.1	< 0.1	< 0.05	0.2	0.001
118480297	< 0.02	0.54	48.5	14.6	19.2	0.35	3.4	11.6	1.8	0.9	0.4	1.8	0.2	1.1	0.2	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.002
118480298	0.02	1.59	122	29.9	43.8	1.09	7.4	24.2	3.6	1.7	0.8	3.4	0.4	2.4	0.4	1.3	0.2	1.0	0.2	< 0.1	< 0.05	0.1	0.006
118480299	0.02	0.50	76.8	24.4	43.2	0.37	6.2	21.2	3.4	0.7	0.8	3.2	0.4	2.2	0.4	1.1	0.2	0.8	0.1	< 0.1	< 0.05	0.2	0.001
118480300	0.04	0.68	34.2	31.5	49.4	0.31	7.6	26.0	4.0	0.8	0.9	4.0	0.5	2.7	0.5	1.4	0.2	1.0	0.1	< 0.1	< 0.05	0.2	0.001
118480301	0.03	0.98	67.3	42.1	66.5	0.28	10.5	35.6	5.5	0.9	0.9	5.2	0.7	3.7	0.7	1.9	0.3	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480302	0.03	0.47	9.3	38.0	47.2	1.75	8.5	28.6	4.3	3.7	1.1	4.2	0.5	2.6	0.4	1.2	0.2	0.9	0.1	< 0.1	< 0.05	0.2	0.006
118480303	0.03	0.23	32.2	9.4	12.9	0.23	2.5	8.79	1.5	0.9	0.4	1.6	0.2	1.1	0.2	0.5	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.002
118480304	< 0.02	0.27	14.4	7.3	10.8	0.29	1.7	5.63	0.9	1.4	0.2	0.9	0.1	0.6	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.002
118480305	0.02	0.58	3.3	10.9	15.4	0.57	2.5	8.28	1.3	2.0	0.3	1.3	0.2	0.9	0.2	0.5	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.004
118480306	0.03	1.14	92.6	29.5	47.3	0.42	7.5	25.2	3.9	0.6	0.9	3.6	0.4	2.5	0.4	1.3	0.2	0.9	0.1	< 0.1	< 0.05	0.2	0.002
118480307	< 0.02	0.24	28.3	11.2	13.3	0.29	2.8	10.3	1.7	2.2	0.4	1.9	0.2	1.4	0.2	0.7	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.2	0.004
118480308	0.05	2.70	479	18.4	27.9	0.83	5.0	18.5	3.4	1.3	0.9	4.0	0.5	3.2	0.6	1.8	0.2	1.3	0.2	< 0.1	< 0.05	0.9	0.002
118480309	< 0.02	0.26	24.8	11.6	13.3	0.28	3.0	10.4	1.6	1.1	0.4	1.5	0.2	1.0	0.2	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.003
118480310	0.05	0.26	5.7	24.4	36.7	1.24	6.0	20.2	3.1	2.3	0.8	3.3	0.5	2.7	0.5	1.6	0.2	1.2	0.2	< 0.1	< 0.05	< 0.1	0.005
118480311	0.03	0.77	< 0.5	10.5	14.8	3.09	2.4	8.13	1.3	1.8	0.3	1.3	0.2	0.9	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.022
118480312	0.02	1.33	101	35.8	60.3	0.34	9.0	30.6	4.7	0.9	1.1	4.2	0.5	2.9	0.5	1.5	0.2	1.0	0.2	< 0.1	< 0.05	0.2	< 0.001
118480313	< 0.02	0.43	58.5	19.0	28.3	0.26	5.0	17.2	2.7	0.6	0.7	2.7	0.3	1.7	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.2	0.001
118480314	< 0.02	0.66	67.8	12.9	22.7	0.07	3.3	11.1	1.8	0.4	0.4	1.8	0.2	1.2	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001
118480315	0.02	< 0.02	< 0.5	< 0.5	0.15	< 0.01	< 0.1	0.10	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480316	0.03	1.21	94.1	21.9	38.7	0.16	5.6	19.2	3.0	0.2	0.7	3.0	0.4	2.1	0.4	1.1	0.1	0.8	0.1	0.2	< 0.05	0.2	0.003
118480317	< 0.02	0.24	42.6	12.7	17.6	0.18	3.1	10.5	1.6	0.5	0.4	1.6	0.2	1.2	0.2	0.6	< 0.1	0.5	< 0.1	< 0.1	< 0.05	0.1	0.001
118480318	0.17	1.21	70.3	24.4	43.0	0.32	7.0	24.6	3.8	1.3	0.9	3.4	0.4	2.3	0.4	1.2	0.2	0.9	0.1	< 0.1	< 0.05	0.1	0.004
118480319	0.02	0.45	10.1	10.0	14.7	0.30	2.4	8.29	1.3	0.9	0.3	1.4	0.2	0.9	0.2	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.2	0.002
118480320	< 0.02	1.27	84.7	27.0	42.0	0.33	7.0	23.7	3.5	0.9	0.8	3.2	0.4	2.1	0.4	1.1	0.1	0.8	0.1	< 0.1	< 0.05	0.1	0.001
118480321	< 0.02	0.31	14.1	10.8	14.5	0.12	2.6	9.08	1.4	0.4	0.3	1.4	0.2	1.0	0.2	0.5	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.8	0.006
118480322	0.05	0.83	53.1	34.5	55.6	0.27	8.7	29.7	4.7	0.7	0.8	4.6	0.6	3.2	0.5	1.6	0.2	1.1	0.2	< 0.1	< 0.05	0.5	< 0.001
118480323	< 0.02	0.26	17.4	10.6	10.4	0.10	2.6	9.22	1.5	1.1	0.3	1.5	0.2	1.0	0.2	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.003
118480324	0.04	0.28	3.2	8.8	11.2	0.66	2.0	7.06	1.1	2.8	0.3	1.1	0.1	0.7	0.1	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.2	0.007
118480325	0.02	0.09	6.7	3.1	4.53	0.16	0.8	2.74	0.4	0.7	0.1	0.4	< 0.1	0.3	< 0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.004
118480326	0.03	0.75	56.0	30.0	36.5	0.52	7.5	26.7	4.1	0.9	1.0	3.9	0.4	2.2	0.4	1.0	0.1	0.7	0.1	< 0.1	< 0.05	< 0.1	0.001
118480327	< 0.02	0.56	33.6	19.5	30.5	0.40	5.2	18.4	2.9	0.6	0.7	2.8	0.3	1.7	0.3	0.9	0.1	0.6	0.1	< 0.1	< 0.05	< 0.1	0.002
118480328	0.03	1.78	14.5	79.0	100	0.51	21.3	74.9	11.1	1.4	2.6	9.9	1.0	5.0	0.8	2.4	0.3	1.6	0.3	< 0.1	< 0.05	0.1	0.004
118480329	0.02	0.88	61.3	38.2	60.8	0.28	9.6	32.4	5.0	0.4	0.9	5.0	0.6	3.4	0.6	1.8	0.2	1.2	0.2	< 0.1	< 0.05	0.5	0.001
118480330	< 0.02	0.58	41.3	27.6	34.6	1.09	6.7	22.4	3.3	1.4	0.8	3.3	0.4	2.4	0.4	1.4	0.2	1.1	0.2	< 0.1	< 0.05	0.1	0.005
118480331	< 0.02	0.34	1.7	182	143	5.30	35.8	113	15.7	2.9	4.1	17.4	2.0	9.7	1.5	4.1	0.5	2.4	0.4	< 0.1	< 0.05	< 0.1	0.007

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480332	< 0.02	0.69	315	25.6	37.5	0.33	6.2	20.4	3.1	1.0	0.7	3.0	0.4	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	1.0	0.002
118480333	0.05	1.11	95.5	27.7	43.2	0.54	6.9	23.4	3.7	0.8	0.8	3.4	0.4	2.3	0.4	1.2	0.2	0.9	0.1	< 0.1	< 0.05	0.2	0.002
118480334	0.04	0.57	69.8	21.3	22.5	0.15	5.3	17.9	2.8	0.5	0.6	2.8	0.3	1.8	0.3	0.9	0.1	0.7	< 0.1	< 0.1	< 0.05	0.3	0.002
118480335	0.03	0.72	55.3	20.6	32.5	0.44	5.3	17.8	2.8	0.7	0.6	2.7	0.3	1.9	0.3	1.1	0.2	0.8	0.1	< 0.1	< 0.05	0.1	0.002
118480336	0.02	0.89	58.4	38.0	61.9	0.28	10.0	33.9	5.2	0.4	0.9	5.1	0.6	3.5	0.6	1.8	0.2	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480337	< 0.02	0.31	29.0	10.3	13.5	0.14	2.6	8.65	1.4	0.6	0.3	1.4	0.2	0.9	0.2	0.5	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.3	0.003
118480338	< 0.02	0.61	33.7	12.0	18.3	0.13	2.9	9.96	1.6	0.7	0.4	1.6	0.2	1.0	0.2	0.5	< 0.1	0.4	< 0.1	0.1	< 0.05	0.1	0.002
118480339	< 0.02	0.47	44.1	35.4	44.4	0.62	9.8	33.5	5.1	1.5	1.2	4.8	0.5	2.8	0.5	1.5	0.2	1.2	0.2	< 0.1	< 0.05	0.1	0.002
118480340	0.04	1.10	83.3	23.1	30.8	0.39	5.5	18.3	2.7	0.9	0.6	2.6	0.3	1.8	0.3	0.9	0.1	0.7	< 0.1	< 0.1	< 0.05	0.3	0.004
118480341	0.03	0.47	24.0	14.7	24.6	0.07	3.8	13.1	2.1	0.4	0.5	2.0	0.3	1.3	0.2	0.7	< 0.1	0.5	< 0.1	0.3	< 0.05	0.1	0.003
118480342	0.05	0.76	14.5	16.2	29.8	0.09	4.2	13.7	2.2	0.4	0.4	2.1	0.3	1.3	0.2	0.7	< 0.1	0.5	< 0.1	0.1	< 0.05	1.3	0.003
118480343	0.03	0.96	63.3	41.2	66.5	0.27	10.6	36.0	5.5	0.6	0.9	5.3	0.6	3.6	0.6	1.9	0.3	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480344	< 0.02	0.33	32.4	17.8	30.5	0.38	4.5	15.3	2.4	1.2	0.6	2.4	0.3	1.7	0.3	0.9	0.1	0.7	0.1	< 0.1	< 0.05	0.1	0.004
118480345	< 0.02	1.23	222	24.1	41.8	0.31	6.1	20.6	3.2	0.8	0.7	3.1	0.4	2.0	0.4	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.3	0.001
118480346	0.07	0.79	85.5	25.4	42.1	1.25	6.2	21.2	3.3	0.8	0.8	3.3	0.4	2.1	0.4	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.5	0.001
118480347	0.05	1.26	129	52.8	74.3	0.88	13.7	46.5	6.9	1.2	1.6	6.7	0.8	4.4	0.8	2.4	0.3	1.7	0.3	< 0.1	< 0.05	0.1	0.002
118480348	< 0.02	0.86	9.7	85.2	112	1.38	18.0	58.2	8.1	1.3	2.1	9.7	1.3	6.9	1.2	3.6	0.5	2.3	0.3	< 0.1	< 0.05	< 0.1	0.003
118480349	< 0.02	1.62	120	39.2	65.2	0.48	9.7	33.2	5.1	0.4	1.2	5.0	0.6	3.4	0.6	1.8	0.2	1.3	0.2	< 0.1	< 0.05	0.1	0.001
118480350	< 0.02	< 0.02	0.5	< 0.5	0.15	< 0.01	< 0.1	0.10	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.001
118480351	0.04	0.54	7.5	17.5	19.8	0.28	4.4	15.2	2.3	1.2	0.6	2.3	0.3	1.4	0.2	0.7	< 0.1	0.5	< 0.1	< 0.1	< 0.05	0.2	0.007
118480352	< 0.02	0.55	45.2	14.0	24.1	0.30	3.2	11.1	1.8	0.7	0.4	1.9	0.2	1.2	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.1	0.002
118480353	0.05	0.47	25.9	62.7	101	2.73	15.4	50.6	7.6	1.6	1.8	7.4	0.9	5.1	0.9	2.7	0.4	2.0	0.3	< 0.1	< 0.05	< 0.1	0.002
118480354	< 0.02	0.38	26.4	10.2	12.6	0.77	2.4	8.21	1.3	1.9	0.3	1.4	0.1	0.8	0.1	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.3	0.007
118480355	0.08	1.08	271	29.3	41.2	0.77	7.4	24.7	3.8	1.5	0.9	3.7	0.4	2.3	0.4	1.1	0.2	0.8	0.1	< 0.1	< 0.05	0.1	0.004
118480356	0.04	0.57	4.7	11.1	14.8	0.32	2.9	10.5	1.8	1.8	0.5	1.9	0.2	1.3	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.007
118480357	< 0.02	0.96	67.7	42.3	68.9	0.26	11.0	36.6	5.6	0.5	0.9	5.4	0.7	3.7	0.6	1.9	0.3	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480358	0.04	0.87	254	25.1	41.9	0.20	6.3	21.3	3.3	0.5	0.7	3.2	0.4	2.2	0.4	1.1	0.1	0.8	0.1	< 0.1	< 0.05	1.0	0.001
118480359	0.02	0.68	75.1	21.9	38.3	0.22	5.8	20.0	3.2	0.6	0.7	3.0	0.3	1.9	0.3	1.1	0.2	0.8	0.1	< 0.1	< 0.05	0.2	0.004
118480360	0.09	0.90	79.1	60.4	101	1.35	14.7	48.5	7.2	1.3	1.7	6.7	0.8	4.2	0.7	2.2	0.3	1.7	0.3	< 0.1	< 0.05	0.1	0.004
118480361	0.04	0.46	6.4	9.5	14.5	0.31	2.4	8.20	1.4	1.3	0.3	1.5	0.2	1.0	0.2	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.005
118480362	0.02	0.60	45.4	23.2	37.4	0.52	6.0	20.6	3.2	0.7	0.7	3.2	0.4	2.3	0.4	1.3	0.2	1.1	0.2	< 0.1	< 0.05	0.1	0.001
118480363	0.03	1.14	84.4	31.9	51.1	0.54	7.8	25.9	3.9	0.8	0.9	3.6	0.4	2.3	0.4	1.3	0.2	1.0	0.2	< 0.1	< 0.05	0.1	0.003
118480364	0.07	0.97	65.7	41.9	67.5	0.25	10.8	36.4	5.6	0.5	0.9	5.6	0.7	3.8	0.7	1.9	0.3	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480365	0.03	0.49	4.3	17.6	22.0	0.74	3.9	13.3	2.1	0.6	0.5	2.1	0.3	1.5	0.3	0.8	0.1	0.6	< 0.1	< 0.1	< 0.05	0.1	0.007
118480366	< 0.02	0.47	26.2	9.8	13.9	0.25	2.6	9.18	1.6	1.1	0.4	1.7	0.2	1.1	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.006
118480367	0.03	0.39	479	11.0	16.5	0.30	2.6	9.13	1.4	0.6	0.3	1.4	0.2	0.9	0.2	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.7	0.001
118480368	0.04	0.36	0.7	31.5	39.0	1.35	7.1	23.9	3.6	2.6	0.9	3.6	0.5	2.5	0.5	1.4	0.2	1.0	0.2	< 0.1	< 0.05	0.3	0.020
118480369	0.03	1.43	24.0	32.4	47.5	0.51	7.9	26.4	3.9	1.1	0.9	3.7	0.5	2.6	0.5	1.4	0.2	1.0	0.2	< 0.1	< 0.05	0.3	0.004
118480370	0.02	0.36	22.0	14.0	19.6	0.37	3.3	11.3	1.7	1.5	0.4	1.8	0.2	1.2	0.2	0.6	< 0.1	0.5	< 0.1	0.2	< 0.05	0.2	0.007
118480371	0.03	1.05	72.5	45.5	74.7	0.29	11.9	40.1	6.3	0.6	1.1	6.2	0.8	4.3	0.8	2.2	0.3	1.5	0.2	< 0.1	< 0.05	0.5	0.002
118480372	< 0.02	0.86	27.6	17.1	27.0	0.43	4.3	14.7	2.4	0.7	0.5	2.3	0.3	1.6	0.3	0.8	0.1	0.6	< 0.1	0.1	< 0.05	0.1	0.002
118480373	< 0.02	1.11	61.9	28.7	40.9	0.41	7.2	23.8	3.5	0.3	0.9	3.4	0.4	2.1	0.4	1.1	0.1	0.7	0.1	< 0.1	< 0.05	0.3	0.004

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480374	0.05	0.54	43.4	14.8	22.7	0.32	3.6	12.2	2.0	0.6	0.5	2.1	0.3	1.4	0.2	0.7	< 0.1	0.5	< 0.1	< 0.1	< 0.05	0.1	0.002
118480375	0.02	0.35	18.1	13.2	9.91	0.37	3.2	11.4	1.8	0.6	0.5	2.0	0.2	1.3	0.2	0.7	< 0.1	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.004
118480376	0.03	1.79	62.3	34.7	51.7	0.87	8.7	29.2	4.4	0.5	1.0	4.3	0.5	2.9	0.5	1.6	0.2	1.2	0.2	0.1	< 0.05	0.1	0.003
118480377	< 0.02	0.71	62.6	24.1	38.2	0.16	6.4	22.1	3.5	0.3	0.8	3.3	0.4	2.2	0.4	1.1	0.1	0.8	0.1	< 0.1	< 0.05	< 0.1	0.001
118480378	0.02	1.00	67.9	43.4	70.4	0.26	11.3	39.1	6.1	0.5	1.0	5.8	0.7	3.9	0.7	2.0	0.3	1.4	0.2	< 0.1	< 0.05	0.5	0.001
118480379	< 0.02	0.63	31.5	24.9	24.6	0.37	6.1	20.5	3.1	0.9	0.7	3.1	0.4	2.0	0.4	1.1	0.2	1.0	0.2	< 0.1	< 0.05	< 0.1	0.001
118480380	0.03	0.81	38.6	20.9	29.5	0.41	5.1	16.7	2.5	0.9	0.6	2.6	0.3	1.8	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.2	0.004
118480381	0.04	1.00	54.3	32.6	49.5	0.42	8.5	28.6	4.4	0.7	1.0	4.3	0.5	2.9	0.5	1.6	0.2	1.2	0.2	< 0.1	< 0.05	0.2	0.002
118480382	0.04	0.56	37.4	15.7	27.0	0.22	4.0	13.8	2.1	0.2	0.5	2.0	0.3	1.3	0.2	0.6	< 0.1	0.5	< 0.1	0.2	< 0.05	0.1	0.003
118480383	0.13	0.66	8.3	13.2	22.0	0.34	3.5	12.1	2.0	0.8	0.4	2.0	0.2	1.3	0.2	0.6	< 0.1	0.4	< 0.1	0.2	< 0.05	0.2	0.006
118480384	0.04	1.04	7.7	27.5	33.2	0.63	6.7	21.9	3.4	1.8	0.8	3.3	0.4	2.2	0.4	1.2	0.2	1.0	0.2	< 0.1	< 0.05	0.1	0.003
118480385	< 0.02	< 0.02	0.6	< 0.5	0.15	< 0.01	< 0.1	0.10	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.001
118480386	< 0.02	0.15	40.1	3.4	4.30	0.34	0.9	3.22	0.6	1.3	0.2	0.6	< 0.1	0.4	< 0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.006
118480387	< 0.02	0.93	62.0	44.2	68.7	0.56	11.2	37.8	5.6	0.8	1.3	5.6	0.7	3.6	0.6	2.0	0.3	1.5	0.2	< 0.1	< 0.05	0.2	0.003
118480388	< 0.02	0.75	106	31.2	41.0	0.31	7.7	27.0	4.2	1.1	1.0	4.6	0.5	2.8	0.5	1.4	0.2	0.9	0.1	< 0.1	< 0.05	0.8	0.003
118480389	0.06	0.82	18.9	24.9	36.1	2.55	6.1	20.8	3.3	5.2	0.8	3.5	0.5	2.6	0.5	1.5	0.2	1.1	0.2	0.1	< 0.05	0.2	0.017
118480390	0.05	0.39	89.9	29.5	33.4	2.86	5.6	17.7	2.4	0.9	0.6	2.8	0.3	1.9	0.4	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.3	0.003
118480391	< 0.02	0.79	13.4	23.5	32.5	0.10	5.5	18.4	2.7	0.2	0.6	2.5	0.3	1.5	0.3	0.8	0.1	0.5	< 0.1	0.1	< 0.05	0.2	0.003
118480392	< 0.02	1.00	71.2	45.1	73.3	0.28	11.6	39.0	6.2	0.5	1.0	5.8	0.7	4.0	0.7	2.0	0.3	1.4	0.2	< 0.1	< 0.05	0.5	0.001
118480393	0.03	0.40	6.8	11.2	13.8	0.43	2.7	9.32	1.4	1.1	0.4	1.5	0.2	1.0	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.3	0.005
118480394	< 0.02	0.29	42.3	22.7	31.3	0.27	5.7	19.6	2.9	0.6	0.7	2.8	0.3	1.8	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.6	0.004
118480395	0.06	0.93	63.8	63.7	101	1.31	15.8	52.5	7.7	1.0	1.9	7.5	0.8	4.6	0.8	2.4	0.3	1.8	0.3	< 0.1	< 0.05	0.2	0.004
118480396	0.04	1.17	114	54.5	94.0	0.60	14.5	48.5	7.2	0.4	1.6	7.2	0.8	4.6	0.8	2.4	0.3	1.7	0.3	< 0.1	< 0.05	0.2	0.002
118480397	0.03	0.32	< 0.5	23.3	25.6	0.51	5.5	19.0	2.8	0.6	0.7	3.0	0.3	1.9	0.4	1.2	0.2	0.9	0.2	< 0.1	< 0.05	< 0.1	0.003
118480398	0.02	0.90	6.6	22.0	38.1	0.44	5.7	18.8	3.0	0.8	0.7	3.0	0.4	2.0	0.3	1.1	0.1	0.8	0.1	0.2	< 0.05	0.1	0.006

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480122	1.2	0.24	9.12	4.7	1.3	110
118480123	0.8	0.24	8.35	1.3	2.3	100
118480124	1.6	0.28	13.9	5.0	1.9	220
118480125	< 0.5	0.17	6.39	1.3	2.6	130
118480126	< 0.5	0.19	6.76	1.1	13.3	70
118480127	< 0.5	0.04	5.74	0.2	0.3	80
118480128	< 0.5	0.11	4.17	2.5	1.1	40
118480129	< 0.5	0.23	12.4	7.5	1.5	70
118480130	0.8	0.21	4.45	0.4	1.1	130
118480131	2.3	0.08	1.17	0.8	2.1	50
118480132	< 0.5	0.15	8.76	5.2	2.0	50
118480133	< 0.5	0.19	6.86	1.0	13.4	70
118480134	< 0.5	0.20	7.82	1.3	2.3	80
118480135	1.9	0.08	4.06	0.2	0.7	130
118480136	0.8	0.17	1.94	1.9	10.2	30
118480137	1.6	0.10	30.5	< 0.1	1.0	160
118480138	1.2	0.28	9.35	5.8	2.2	140
118480139	1.2	0.27	9.88	2.3	1.8	160
118480140	1.1	< 0.02	0.13	< 0.1	< 0.1	< 10
118480141	< 0.5	0.13	5.76	4.2	1.4	60
118480142	1.2	0.13	4.28	2.0	3.2	200
118480143	1.9	0.23	7.94	2.0	1.8	110
118480144	2.3	0.04	2.17	< 0.1	0.6	100
118480145	4.7	0.17	4.10	2.1	2.1	60
118480146	2.7	0.14	2.94	1.3	4.2	160
118480147	< 0.5	0.20	7.18	1.2	15.1	60
118480148	1.2	0.16	4.32	0.7	1.5	100
118480149	0.8	0.06	1.05	0.6	2.0	80
118480150	1.2	0.26	11.3	4.7	1.5	130
118480151	2.7	0.11	5.82	0.4	1.4	360
118480152	< 0.5	0.12	7.46	1.9	3.4	100
118480153	2.4	0.41	7.90	2.8	2.2	130
118480154	< 0.5	0.19	7.04	1.1	14.8	60
118480155	< 0.5	0.30	5.30	0.2	2.1	110
118480156	2.4	0.23	7.86	1.1	3.2	170
118480157	< 0.5	0.20	6.21	4.1	3.9	60
118480158	1.2	0.13	5.29	0.9	3.5	30
118480159	< 0.5	0.22	10.2	2.0	1.8	100
118480160	0.8	0.13	2.44	1.1	14.1	30
118480161	1.2	0.19	6.69	1.0	14.2	50
118480162	0.8	0.21	6.64	2.3	2.7	120
118480163	< 0.5	0.13	5.81	0.7	2.9	150

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480164	< 0.5	0.37	11.7	2.9	3.7	70
118480165	0.8	0.17	5.35	1.7	1.4	70
118480166	2.0	0.12	4.89	0.5	1.2	110
118480167	0.8	0.31	14.4	4.8	1.9	170
118480168	1.2	0.43	73.3	0.8	25.2	140
118480169	< 0.5	0.16	6.41	2.6	1.9	40
118480170	< 0.5	0.09	3.14	5.3	2.7	10
118480171	1.6	0.09	3.46	2.5	1.4	60
118480172	1.6	0.22	7.52	1.1	3.0	110
118480173	2.4	0.12	1.90	0.2	13.0	60
118480174	0.8	0.11	7.28	0.4	1.2	90
118480175	1.8	< 0.02	0.13	< 0.1	< 0.1	< 10
118480176	2.0	0.18	4.29	2.1	1.6	50
118480177	0.8	0.13	6.40	5.3	1.5	60
118480178	1.2	0.15	3.63	3.3	13.3	70
118480179	2.4	0.04	6.73	0.4	1.2	80
118480180	1.6	0.27	9.28	4.5	5.5	90
118480181	0.8	0.08	3.96	0.2	1.3	40
118480182	< 0.5	0.19	7.17	1.2	15.0	50
118480183	< 0.5	0.29	11.6	1.1	3.3	70
118480184	0.8	0.06	4.90	0.4	3.7	90
118480185	1.3	0.16	6.94	3.1	4.5	90
118480186	< 0.5	0.08	3.76	2.1	2.2	90
118480187	1.3	0.23	4.44	2.2	3.6	20
118480188	< 0.5	0.28	2.85	2.9	15.3	70
118480189	< 0.5	0.19	6.53	1.1	13.2	60
118480190	< 0.5	0.29	1.51	0.2	2.1	30
118480191	< 0.5	0.13	6.08	0.6	6.4	60
118480192	0.6	0.12	6.58	0.6	2.8	120
118480193	< 0.5	0.22	11.1	2.5	1.7	110
118480194	< 0.5	0.08	2.28	1.9	2.0	50
118480195	< 0.5	0.18	4.53	3.4	1.7	130
118480196	< 0.5	0.18	6.43	1.1	12.8	30
118480197	< 0.5	0.19	5.50	0.4	7.0	80
118480198	< 0.5	0.10	1.34	0.3	4.7	40
118480199	< 0.5	0.08	2.14	2.9	4.5	20
118480200	< 0.5	0.17	5.12	2.6	4.5	70
118480201	0.5	0.25	6.94	3.3	2.1	140
118480202	< 0.5	0.20	5.58	1.5	3.8	70
118480203	< 0.5	0.19	6.56	1.0	13.5	40
118480204	< 0.5	0.12	2.85	0.3	9.3	120
118480205	< 0.5	0.09	2.84	0.2	4.2	50

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480206	< 0.5	0.15	5.91	2.1	3.4	90
118480207	10.6	0.16	6.78	4.5	4.3	100
118480208	< 0.5	0.16	1.61	1.0	2.2	20
118480209	< 0.5	0.13	5.52	3.2	1.6	30
118480210	< 0.5	< 0.02	0.12	< 0.1	< 0.1	< 10
118480211	< 0.5	0.13	6.55	2.4	2.8	60
118480212	< 0.5	0.18	8.90	3.1	1.0	40
118480213	< 0.5	0.11	3.57	2.5	2.7	80
118480214	< 0.5	0.04	2.36	0.5	0.7	90
118480215	< 0.5	0.07	2.56	2.0	2.1	40
118480216	< 0.5	0.13	4.76	3.5	1.7	60
118480217	< 0.5	0.19	6.99	1.2	14.4	50
118480218	< 0.5	0.30	12.5	1.8	6.3	130
118480219	< 0.5	0.39	7.54	2.6	5.0	140
118480220	< 0.5	0.13	1.23	0.7	1.6	30
118480221	< 0.5	0.10	3.97	0.8	6.7	10
118480222	< 0.5	0.23	4.27	3.3	3.1	80
118480223	< 0.5	0.28	8.57	2.2	2.5	200
118480224	< 0.5	0.20	7.00	1.1	14.4	50
118480225	< 0.5	0.08	3.20	2.4	1.7	50
118480226	< 0.5	0.11	1.65	0.3	7.4	< 10
118480227	< 0.5	0.13	5.85	4.5	1.2	10
118480228	< 0.5	0.19	4.37	2.3	3.7	120
118480229	< 0.5	0.11	4.59	4.6	3.9	90
118480230	< 0.5	0.49	6.17	1.4	1.9	60
118480231	< 0.5	0.20	7.18	1.1	14.5	50
118480232	< 0.5	0.20	7.78	1.3	3.8	60
118480233	< 0.5	0.24	7.60	6.2	1.9	50
118480234	< 0.5	0.27	7.70	2.1	1.7	120
118480235	< 0.5	0.19	7.23	8.0	1.1	20
118480236	< 0.5	0.16	3.42	1.0	1.6	230
118480237	< 0.5	0.19	7.91	5.4	1.8	40
118480238	< 0.5	0.20	7.09	1.4	14.3	40
118480239	< 0.5	0.12	2.23	2.1	2.7	40
118480240	< 0.5	0.35	5.41	0.8	3.1	160
118480241	< 0.5	0.23	7.32	2.7	3.2	150
118480242	1.3	0.14	6.87	0.6	3.1	70
118480243	1.6	0.14	2.65	2.3	4.1	70
118480244	< 0.5	0.09	4.13	0.2	2.2	60
118480245	< 0.5	< 0.02	0.20	< 0.1	< 0.1	< 10
118480246	< 0.5	0.29	6.55	3.5	1.8	100
118480247	< 0.5	0.09	3.45	0.1	1.9	140

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480248	1.3	0.16	5.10	0.5	7.8	60
118480249	< 0.5	0.11	4.74	3.1	2.0	100
118480250	1.0	0.21	8.39	2.6	1.7	120
118480251	0.5	0.24	5.84	1.4	1.3	140
118480252	< 0.5	0.19	6.60	1.2	13.6	50
118480253	1.8	0.20	9.89	5.1	1.3	100
118480254	0.8	0.13	7.34	3.6	1.6	30
118480255	1.0	0.07	2.32	0.2	0.7	90
118480256	1.3	0.35	6.20	1.7	5.0	170
118480257	1.3	0.14	1.40	0.6	8.7	70
118480258	1.0	0.32	8.00	6.3	5.8	130
118480259	0.5	0.19	6.99	1.2	14.5	50
118480260	0.8	0.14	3.54	0.2	1.6	80
118480261	0.5	0.20	5.62	3.1	6.0	130
118480262	< 0.5	0.10	3.36	3.6	2.9	50
118480263	1.3	0.18	8.29	0.8	3.1	140
118480264	1.1	0.14	5.47	0.6	1.6	110
118480265	0.5	0.19	3.27	0.8	2.2	140
118480266	< 0.5	0.19	6.98	1.1	14.6	70
118480267	1.9	0.11	2.78	2.1	4.6	80
118480268	0.8	0.11	4.61	1.9	1.2	70
118480269	2.4	0.39	3.48	0.2	7.9	60
118480270	0.8	0.03	0.53	0.1	0.9	90
118480271	1.1	0.18	6.11	1.7	1.5	90
118480272	0.5	0.31	7.63	3.1	2.1	140
118480273	< 0.5	0.20	7.28	1.2	14.4	50
118480274	0.5	0.16	6.19	2.2	2.0	60
118480275	< 0.5	0.08	2.49	1.8	7.2	60
118480276	1.3	0.22	8.47	1.1	6.4	170
118480277	0.5	0.23	10.4	3.6	2.0	260
118480278	0.5	0.12	4.83	1.1	2.4	90
118480279	0.5	0.09	5.24	2.0	2.0	80
118480280	< 0.5	< 0.02	0.14	< 0.1	< 0.1	< 10
118480281	0.8	0.14	5.78	2.5	2.8	50
118480282	2.2	0.14	3.82	1.2	13.0	70
118480283	< 0.5	0.19	4.78	0.9	1.4	130
118480284	0.6	0.11	2.59	1.8	4.5	90
118480285	0.5	0.10	3.65	3.5	2.6	50
118480286	11.2	0.16	1.82	2.0	9.3	30
118480287	0.8	0.19	7.03	1.4	14.5	70
118480288	0.7	0.15	7.54	2.9	1.8	40
118480289	< 0.5	0.19	9.91	6.1	2.7	130

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480290	0.5	0.12	8.83	0.3	4.0	70
118480291	1.1	0.14	4.10	2.2	4.5	70
118480292	1.1	0.31	8.60	2.5	4.7	70
118480293	< 0.5	0.11	7.03	2.8	1.8	40
118480294	0.6	0.19	7.17	1.1	14.4	70
118480295	1.1	0.18	5.23	2.0	1.8	110
118480296	< 0.5	0.07	5.38	1.6	2.0	40
118480297	< 0.5	0.12	3.34	0.5	3.3	50
118480298	0.6	0.30	7.21	1.9	2.5	180
118480299	< 0.5	0.17	3.57	0.6	2.2	60
118480300	< 0.5	0.11	6.99	4.2	2.0	30
118480301	< 0.5	0.20	7.15	1.3	14.8	60
118480302	1.4	0.23	3.50	0.4	4.3	120
118480303	0.6	0.04	6.43	< 0.1	0.5	120
118480304	< 0.5	0.07	2.84	0.7	1.6	90
118480305	< 0.5	0.13	3.83	0.7	7.9	70
118480306	1.7	0.21	7.23	3.9	1.8	100
118480307	1.4	0.11	2.27	0.9	10.9	70
118480308	1.7	0.32	30.9	0.7	6.4	70
118480309	< 0.5	0.07	1.88	1.4	3.7	70
118480310	1.1	0.34	5.24	0.5	3.0	110
118480311	2.0	0.23	4.61	0.6	2.0	70
118480312	2.0	0.21	11.8	4.7	1.5	120
118480313	2.0	0.11	2.71	< 0.1	1.0	90
118480314	1.8	0.10	3.31	3.0	0.9	40
118480315	2.3	< 0.02	0.11	< 0.1	< 0.1	< 10
118480316	0.8	0.21	8.26	7.0	1.9	30
118480317	< 0.5	0.09	1.93	0.2	2.3	50
118480318	0.9	0.42	8.47	5.8	2.3	50
118480319	< 0.5	0.08	3.37	1.3	2.4	50
118480320	0.6	0.22	9.97	2.9	1.3	80
118480321	0.9	0.06	2.80	0.7	7.4	30
118480322	< 0.5	0.19	6.50	1.2	13.0	60
118480323	0.9	0.06	1.62	0.8	1.5	60
118480324	1.8	0.14	1.93	1.1	2.2	60
118480325	< 0.5	0.05	0.83	0.7	2.5	40
118480326	< 0.5	0.13	8.55	0.3	1.7	100
118480327	< 0.5	0.10	3.62	0.2	1.0	60
118480328	< 0.5	0.19	10.5	1.0	2.1	180
118480329	< 0.5	0.17	6.55	1.5	14.2	80
118480330	< 0.5	0.16	3.71	0.8	2.4	170
118480331	< 0.5	0.07	1.66	1.3	4.8	70

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480332	< 0.5	0.16	5.05	3.4	4.6	130
118480333	< 0.5	0.16	8.43	2.6	1.6	130
118480334	< 0.5	0.10	2.02	0.6	2.6	100
118480335	0.8	0.15	6.58	1.6	1.2	150
118480336	< 0.5	0.17	6.60	1.5	14.7	70
118480337	< 0.5	0.06	2.40	0.3	2.4	60
118480338	< 0.5	0.07	2.79	3.1	2.5	60
118480339	1.0	0.12	4.45	0.2	1.6	210
118480340	< 0.5	0.15	5.70	2.8	2.7	130
118480341	< 0.5	0.10	4.08	4.2	1.8	40
118480342	< 0.5	0.14	6.16	5.3	2.6	50
118480343	< 0.5	0.18	6.50	1.4	14.8	70
118480344	< 0.5	0.10	2.01	0.2	1.4	80
118480345	< 0.5	0.22	6.84	4.8	4.1	70
118480346	< 0.5	0.18	7.70	3.2	4.1	90
118480347	< 0.5	0.22	7.10	1.4	2.5	280
118480348	< 0.5	0.20	6.43	3.7	3.2	100
118480349	< 0.5	0.26	9.44	3.5	3.4	60
118480350	< 0.5	< 0.02	0.12	< 0.1	< 0.1	< 10
118480351	< 0.5	0.10	3.32	2.1	4.3	100
118480352	< 0.5	0.06	4.69	< 0.1	1.0	40
118480353	< 0.5	0.45	4.89	1.5	2.6	170
118480354	0.5	0.10	2.38	0.8	2.3	70
118480355	< 0.5	0.25	6.53	3.4	1.9	140
118480356	< 0.5	0.13	5.79	1.7	5.3	110
118480357	< 0.5	0.18	6.96	1.6	15.9	60
118480358	< 0.5	0.20	6.38	5.2	3.6	50
118480359	< 0.5	0.15	3.15	0.3	1.6	100
118480360	< 0.5	0.47	8.78	2.4	2.7	130
118480361	< 0.5	0.07	2.88	< 0.1	2.2	80
118480362	< 0.5	0.13	3.95	0.4	1.1	100
118480363	< 0.5	0.21	9.53	2.6	2.9	150
118480364	< 0.5	0.18	7.39	1.7	15.6	70
118480365	< 0.5	0.13	2.96	1.1	2.7	70
118480366	< 0.5	0.06	5.40	0.5	2.1	60
118480367	< 0.5	0.13	3.91	0.6	3.1	60
118480368	< 0.5	0.14	5.00	2.1	9.2	160
118480369	< 0.5	0.29	7.87	3.7	7.3	160
118480370	< 0.5	0.11	3.41	2.6	11.5	80
118480371	< 0.5	0.20	7.90	1.9	18.1	70
118480372	< 0.5	0.11	3.69	3.6	2.3	50
118480373	< 0.5	0.10	4.09	0.9	2.0	80

Analyte Symbol	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.5	0.02	0.01	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480374	< 0.5	0.13	2.73	2.1	3.5	90
118480375	0.6	0.08	1.27	0.8	1.1	120
118480376	< 0.5	0.28	8.53	5.5	2.3	120
118480377	< 0.5	0.12	2.68	1.3	1.9	50
118480378	< 0.5	0.19	7.64	1.7	17.4	60
118480379	< 0.5	0.13	4.64	1.3	1.8	140
118480380	1.3	0.12	4.17	1.4	2.2	90
118480381	< 0.5	0.19	7.53	4.5	1.8	130
118480382	< 0.5	0.13	6.11	3.3	1.8	40
118480383	< 0.5	0.10	4.45	3.2	1.8	50
118480384	0.7	0.23	4.70	0.8	1.9	390
118480385	< 0.5	< 0.02	0.13	< 0.1	< 0.1	< 10
118480386	< 0.5	0.05	1.30	0.5	1.1	80
118480387	< 0.5	0.18	5.26	1.8	2.6	80
118480388	0.6	0.12	4.59	0.5	6.5	50
118480389	0.7	0.35	7.54	2.7	21.2	160
118480390	< 0.5	0.35	8.86	0.3	5.0	100
118480391	< 0.5	0.11	3.59	5.6	4.2	40
118480392	< 0.5	0.19	7.89	2.0	17.5	70
118480393	< 0.5	0.10	2.65	0.3	4.9	50
118480394	< 0.5	0.10	2.57	0.2	2.7	70
118480395	< 0.5	0.53	7.89	2.6	3.6	140
118480396	< 0.5	0.23	6.97	2.5	2.3	200
118480397	< 0.5	0.13	2.17	0.1	1.2	150
118480398	< 0.5	0.19	5.69	4.7	3.2	90

Analyte Symbol	Au	Br	Ca	Co	Fe	Na	Sb	Sc	Zn	La	Ce	Sm	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	1	1	0.5	1	0.05	100	0.1	0.1	20	0.1	1	0.1	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas													0.006	< 1	0.035	3.4	0.5	11	0.045	0.10	0.26	0.02	1270
GXR-1 Cert													0.036	0.257	0.0650	8.20	1.22	15.0	0.0520	0.217	3.52	0.050	1380
GXR-1 Meas													0.006	< 1	0.035	3.6	0.6	10	0.048	0.10	0.25	0.02	1340
GXR-1 Cert													0.036	0.257	0.0650	8.20	1.22	15.0	0.0520	0.217	3.52	0.050	1380
GXR-1 Meas													0.006	< 1	0.036	3.8	0.6	11	0.047	0.11	0.27	0.02	1420
GXR-1 Cert													0.036	0.257	0.0650	8.20	1.22	15.0	0.0520	0.217	3.52	0.050	1380
GXR-4 Meas													0.155	2	0.112	9.1	1.6	4	0.168	1.44	2.44	1.35	22.9
GXR-4 Cert													0.29	1.77	0.120	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0
GXR-4 Meas													0.158	2	0.118	9.3	1.5	4	0.169	1.44	2.50	1.39	22.4
GXR-4 Cert													0.29	1.77	0.120	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0
GXR-4 Meas													0.157	2	0.118	8.5	1.3	3	0.162	1.46	2.48	1.45	18.9
GXR-4 Cert													0.29	1.77	0.120	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0
GXR-6 Meas														< 1	0.031	21.8	0.8	5	0.084	0.35	6.07	0.96	0.17
GXR-6 Cert														0.0160	0.0350	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290
GXR-6 Meas														< 1	0.032	23.1	0.9	4	0.085	0.35	5.88	0.95	0.17
GXR-6 Cert														0.0160	0.0350	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290
GXR-6 Meas														< 1	0.031	23.4	0.8	4	0.086	0.36	6.15	0.97	0.17
GXR-6 Cert														0.0160	0.0350	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290
LKSD-2 Meas	3	17		17	4.09		1.0	12.4	200	64.8	103	10.5											
LKSD-2 Cert	3.00	18.0		17.0	4.30		1.10	13.0	209	68.0	108	11.0											
SdAR-M2 (U.S.G.S.) Meas																11.9	4.3						1.05
SdAR-M2 (U.S.G.S.) Cert																17.9	6.6						1.05
SdAR-M2 (U.S.G.S.) Meas																12.5	4.7						1.10
SdAR-M2 (U.S.G.S.) Cert																17.9	6.6						1.05
SdAR-M2 (U.S.G.S.) Meas																12.3	4.6						1.08
SdAR-M2 (U.S.G.S.) Cert																17.9	6.6						1.05
L-STD-5 Meas	2	6	3.8	< 1	0.10	300	0.2	0.2	30	0.8	1	0.1											
L-STD-5 Cert	2.00	5.60	3.67	0.600	0.110	365	0.160	0.240	32.0	0.800	1.41	0.130											
L-STD-5 Meas	2	6	3.8	< 1	0.12	400	0.2	0.2	30	0.8	1	0.1											
L-STD-5 Cert	2.00	5.60	3.67	0.600	0.110	365	0.160	0.240	32.0	0.800	1.41	0.130											
118480123 Orig													0.080	< 1	0.113	13.1	0.6	4	0.042	0.40	1.36	0.14	0.08
118480123 Dup													0.085	< 1	0.114	13.4	0.6	4	0.045	0.41	1.42	0.15	0.09
118480152 Orig													0.063	< 1	0.212	7.5	0.3	5	0.044	0.31	0.69	0.08	0.08
118480152 Dup													0.067	< 1	0.227	8.1	0.3	5	0.046	0.34	0.73	0.09	0.08
118480153 Orig													0.115	< 1	0.116	13.2	0.7	6	0.057	0.50	1.74	0.19	0.09
118480153 Dup													0.114	< 1	0.113	13.3	0.7	6	0.055	0.50	1.71	0.19	0.09
118480164 Orig													0.097	< 1	0.073	12.4	1.1	4	0.043	0.42	2.63	0.15	0.10
118480164 Dup													0.102	< 1	0.072	12.6	1.1	5	0.045	0.43	2.66	0.15	0.10

Analyte Symbol	Au	Br	Ca	Co	Fe	Na	Sb	Sc	Zn	La	Ce	Sm	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi
Unit Symbol	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm
Lower Limit	1	1	0.5	1	0.05	100	0.1	0.1	20	0.1	1	0.1	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480175 Orig													< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.016	< 0.01	< 0.01	< 0.01	< 0.02
118480175 Dup													< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.015	< 0.01	< 0.01	< 0.01	< 0.02
118480195 Orig													0.074	1	0.032	9.0	0.4	6	0.054	0.32	0.92	0.13	0.06
118480195 Dup													0.068	1	0.030	8.5	0.3	5	0.054	0.30	0.86	0.12	0.05
118480210 Orig													< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.015	< 0.01	< 0.01	< 0.01	< 0.02
118480210 Dup													< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.017	< 0.01	< 0.01	< 0.01	< 0.02
118480231 Orig													0.073	< 1	0.070	7.1	0.5	2	0.045	0.23	0.99	0.09	0.11
118480231 Dup													0.075	< 1	0.071	7.2	0.6	2	0.041	0.23	1.00	0.09	0.11
118480240 Orig													0.032	< 1	0.241	7.5	0.7	4	0.041	0.25	1.83	0.07	0.10
118480240 Dup													0.034	< 1	0.238	7.4	0.7	3	0.038	0.25	1.80	0.07	0.10
118480280 Orig													< 0.001	< 1	0.001	< 0.1	< 0.1	< 1	0.018	< 0.01	< 0.01	< 0.01	< 0.02
118480280 Dup													< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	0.014	< 0.01	< 0.01	< 0.01	< 0.02
118480281 Orig													0.087	< 1	0.197	8.5	0.3	4	0.048	0.35	0.75	0.09	0.07
118480281 Dup													0.089	< 1	0.191	8.5	0.3	4	0.045	0.34	0.74	0.08	0.07
118480288 Orig													0.112	< 1	0.089	10.1	0.3	3	0.045	0.47	0.83	0.10	0.08
118480288 Dup													0.118	< 1	0.090	10.3	0.3	3	0.047	0.47	0.84	0.10	0.09
118480295 Orig													0.086	< 1	0.066	10.0	0.4	6	0.050	0.38	1.08	0.13	0.05
118480295 Dup													0.085	< 1	0.065	10.1	0.4	6	0.050	0.38	1.08	0.13	0.05
118480332 Orig													0.081	< 1	0.273	8.0	0.3	9	0.058	0.38	0.85	0.09	0.07
118480332 Dup													0.070	< 1	0.258	8.0	0.3	8	0.059	0.36	0.82	0.09	0.07
118480344 Orig													0.016	< 1	0.043	2.4	0.3	4	0.029	0.09	1.04	0.03	0.05
118480344 Dup													0.016	< 1	0.042	2.3	0.4	4	0.026	0.08	1.01	0.03	0.05
118480352 Orig													0.012	< 1	0.142	7.1	0.3	5	0.031	0.18	1.09	0.05	0.09
118480352 Dup													0.011	< 1	0.137	6.9	0.3	4	0.030	0.17	1.03	0.04	0.09
118480361 Orig													0.014	< 1	0.046	3.1	0.2	6	0.033	0.12	0.39	0.03	0.03
118480361 Dup													0.015	< 1	0.047	3.1	0.2	6	0.031	0.12	0.40	0.03	0.04
118480386 Orig													0.005	2	0.026	0.4	< 0.1	4	0.021	0.05	0.17	< 0.01	0.03
118480386 Dup													0.005	2	0.026	0.4	< 0.1	5	0.023	0.05	0.16	0.01	0.03
Method Blank													< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02
Method Blank													< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02
Method Blank													< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02
Method Blank													< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02
Method Blank													< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	0.63	0.7	66	< 1	731	22.6	7.2	37.4	1050	726	3.29		366	2.2	191	26.9	10.0	< 0.1	17.3	26.9	0.60	21.4	77.8
GXR-1 Cert	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	14.0	275	32.0	38.0	0.800	18.0	31.0	0.770	54.0	122
GXR-1 Meas	0.62	0.7	66	3	702	23.5	7.6	38.9	1070	767	3.43		370	2.1	170	25.9	9.7	< 0.1	16.9	26.8	0.58	20.4	74.5
GXR-1 Cert	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	14.0	275	32.0	38.0	0.800	18.0	31.0	0.770	54.0	122
GXR-1 Meas	0.65	0.8	67	4	663	22.3	7.6	39.2	1060	767	3.24		367	2.1	168	26.1	9.4	< 0.1	16.8	27.0	0.58	20.2	77.3
GXR-1 Cert	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8		427	14.0	275	32.0	38.0	0.800	18.0	31.0	0.770	54.0	122
GXR-4 Meas	0.75	5.8	68	44	127	2.85	12.1	34.3	5360	64.4	9.22		83.2	71.5	56.4	9.97	8.3	0.2	267	3.10	0.17	5.20	3.23
GXR-4 Cert	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	160	221	14.0	186	10.0	310	4.00	0.270	5.60	4.80
GXR-4 Meas	0.75	6.0	72	46	132	2.93	12.5	34.7	5380	63.6	9.61		89.6	79.1	61.2	10.3	8.2	0.2	275	3.21	0.17	5.31	3.22
GXR-4 Cert	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	160	221	14.0	186	10.0	310	4.00	0.270	5.60	4.80
GXR-4 Meas	0.78	6.1	73	47	136	3.11	13.2	37.4	5940	69.9	10.2		91.8	89.6	71.6	11.8	9.4	0.2	291	3.19	0.18	5.20	3.11
GXR-4 Cert	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0		98.0	160	221	14.0	186	10.0	310	4.00	0.270	5.60	4.80
GXR-6 Meas	0.14	19.7	151	66	997	5.37	11.9	21.2	63.7	118	12.0		210	62.5	32.1	6.44	14.9	< 0.1	1.74	0.246	0.05	0.89	1.88
GXR-6 Cert	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	90.0	35.0	14.0	110	7.50	2.40	1.30	0.260	1.70	3.60
GXR-6 Meas	0.14	19.7	152	69	938	5.56	12.5	23.0	66.7	127	12.2		218	61.2	31.7	6.54	15.6	< 0.1	1.66	0.246	0.05	0.91	1.82
GXR-6 Cert	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	90.0	35.0	14.0	110	7.50	2.40	1.30	0.260	1.70	3.60
GXR-6 Meas	0.14	20.3	158	72	895	5.21	12.2	22.8	64.4	125	11.5		220	63.9	32.9	6.74	15.7	< 0.1	1.65	0.256	0.05	0.87	1.86
GXR-6 Cert	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0		330	90.0	35.0	14.0	110	7.50	2.40	1.30	0.260	1.70	3.60
LKSD-2 Meas																							
LKSD-2 Cert																							
SdAR-M2 (U.S.G.S.) Meas		1.9	14	3			11.1	43.7	231	731	2.89			18.7	19.4	16.9	7.3	2.8	11.9				
SdAR-M2 (U.S.G.S.) Cert		4.1	25.2	49.6			12.4	48.8	236.00 00	760	17.6			149	144	32.7	259	26.2	13.3				
SdAR-M2 (U.S.G.S.) Meas		1.9	16	7			11.7	45.2	234	761	2.71			19.1	20.0	17.0	7.3	3.4	11.7				
SdAR-M2 (U.S.G.S.) Cert		4.1	25.2	49.6			12.4	48.8	236.00 00	760	17.6			149	144	32.7	259	26.2	13.3				
SdAR-M2 (U.S.G.S.) Meas		1.9	15	8			11.7	45.3	235	775	2.80			19.0	19.8	16.7	6.9	3.2	11.3				
SdAR-M2 (U.S.G.S.) Cert		4.1	25.2	49.6			12.4	48.8	236.00 00	760	17.6			149	144	32.7	259	26.2	13.3				
L-STD-5 Meas																							
L-STD-5 Cert																							
L-STD-5 Meas																							
L-STD-5 Cert																							
118480123 Orig	0.41	2.6	33	27	4080	2.79	14.9	25.9	72.3	176	3.18	0.1	5.4	16.7	17.1	14.0	0.4	0.8	1.73	0.203	< 0.02	0.39	0.22
118480123 Dup	0.43	2.6	34	28	4130	2.85	15.1	26.9	75.8	185	3.38	0.1	5.3	17.0	17.8	14.7	0.4	0.9	1.78	0.208	< 0.02	0.40	0.24
118480152 Orig	0.51	2.2	25	23	1580	4.22	6.3	14.7	19.1	91.5	1.77	< 0.1	6.8	10.0	18.1	8.54	0.7	1.1	2.34	0.100	< 0.02	0.32	0.17
118480152 Dup	0.55	2.4	27	24	1680	4.43	6.7	15.5	20.2	97.1	1.97	0.1	7.3	10.7	19.0	8.97	0.8	1.0	2.41	0.101	< 0.02	0.35	0.17
118480153 Orig	0.58	4.0	42	33	> 10000	5.38	49.4	84.2	99.9	354	3.13	0.1	6.8	20.6	19.7	16.0	2.2	1.6	4.92	0.222	< 0.02	0.46	0.26
118480153 Dup	0.58	3.9	42	34	> 10000	5.35	49.3	84.2	99.9	353	2.99	0.1	6.7	20.7	19.9	16.2	1.7	1.6	4.96	0.232	< 0.02	0.47	0.28
118480164 Orig	0.36	4.0	35	32	2150	6.67	66.5	111	95.2	564	3.22	0.2	13.9	14.7	15.1	25.9	1.4	1.6	2.59	0.152	0.12	1.97	0.33
118480164 Dup	0.36	4.0	35	33	2190	6.82	68.1	114	98.7	583	3.32	0.2	14.4	15.8	15.9	26.5	1.4	1.7	2.62	0.161	0.12	0.47	0.35

Analyte Symbol	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb
Unit Symbol	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.1	1	1	1	0.01	0.1	0.1	0.01	0.1	0.02	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480175 Orig	< 0.01	< 0.1	< 1	1	86	0.14	0.2	0.9	3.20	< 0.1	0.03	< 0.1	< 0.1	0.1	< 0.5	0.22	< 0.1	< 0.1	0.36	< 0.002	< 0.02	< 0.05	< 0.02
118480175 Dup	< 0.01	< 0.1	< 1	1	79	0.14	0.2	1.1	3.43	< 0.1	0.03	< 0.1	< 0.1	0.1	< 0.5	0.22	< 0.1	< 0.1	0.36	< 0.002	< 0.02	< 0.05	< 0.02
118480195 Orig	0.61	3.3	21	22	180	1.82	8.6	30.0	95.4	127	2.63	0.1	2.0	14.1	21.0	12.3	7.7	1.6	1.38	0.138	< 0.02	0.24	0.28
118480195 Dup	0.56	3.0	19	21	170	1.73	8.2	28.5	92.1	122	2.43	0.1	1.8	13.2	19.0	11.2	7.3	1.6	1.28	0.137	< 0.02	0.24	0.25
118480210 Orig	< 0.01	< 0.1	< 1	1	82	0.14	0.1	0.9	3.27	< 0.1	0.04	< 0.1	< 0.1	< 0.1	< 0.5	0.23	< 0.1	< 0.1	0.39	< 0.002	< 0.02	< 0.05	< 0.02
118480210 Dup	< 0.01	< 0.1	< 1	< 1	78	0.14	0.1	0.8	3.05	< 0.1	0.03	< 0.1	< 0.1	< 0.1	< 0.5	0.23	< 0.1	< 0.1	0.39	< 0.002	< 0.02	< 0.05	< 0.02
118480231 Orig	0.30	1.6	26	24	222	1.51	7.6	15.0	21.7	52.7	2.83	0.1	1.5	10.3	23.3	17.5	1.0	2.1	3.37	0.107	< 0.02	0.55	0.04
118480231 Dup	0.31	1.6	26	24	235	1.57	7.8	15.6	22.3	53.8	2.93	0.1	1.5	10.2	23.1	17.5	1.0	2.1	3.24	0.115	< 0.02	0.58	0.05
118480240 Orig	0.35	1.4	32	37	1620	6.64	26.4	51.3	60.8	181	2.20	0.2	5.3	8.1	16.7	20.5	0.2	0.6	5.65	0.273	< 0.02	0.18	0.11
118480240 Dup	0.34	1.6	32	37	1600	6.48	25.5	49.8	60.1	179	1.99	0.1	5.5	8.0	16.4	20.0	0.5	0.7	5.62	0.269	< 0.02	0.17	0.11
118480280 Orig	< 0.01	< 0.1	< 1	< 1	80	0.14	0.1	0.8	3.08	< 0.1	0.03	< 0.1	< 0.1	0.1	< 0.5	0.22	< 0.1	< 0.1	0.38	< 0.002	< 0.02	< 0.05	< 0.02
118480280 Dup	< 0.01	< 0.1	< 1	< 1	83	0.14	0.1	1.1	3.19	< 0.1	0.04	< 0.1	< 0.1	0.1	< 0.5	0.23	< 0.1	< 0.1	0.38	< 0.002	< 0.02	< 0.05	< 0.02
118480281 Orig	0.48	2.7	27	25	5340	3.82	7.0	21.3	18.5	79.1	1.50	< 0.1	2.5	11.0	19.9	8.95	1.0	1.1	1.89	0.093	< 0.02	0.36	0.10
118480281 Dup	0.46	2.6	26	24	5190	3.79	6.9	21.2	18.7	78.7	1.37	< 0.1	2.6	10.9	19.8	8.75	1.1	1.2	1.88	0.097	< 0.02	0.38	0.09
118480288 Orig	0.54	2.9	32	25	> 10000	3.04	8.0	16.9	22.7	69.1	2.79	< 0.1	3.1	13.5	28.4	9.65	1.3	1.1	5.14	0.093	< 0.02	0.45	0.14
118480288 Dup	0.55	3.0	33	26	> 10000	3.00	8.0	17.2	22.8	70.2	2.86	< 0.1	3.4	13.7	29.0	9.88	1.4	1.1	5.12	0.096	< 0.02	0.44	0.14
118480295 Orig	0.57	2.8	30	28	273	1.66	8.3	32.1	87.9	134	3.16	< 0.1	7.9	14.7	19.1	11.0	2.1	1.6	1.64	0.160	< 0.02	0.31	0.36
118480295 Dup	0.56	2.9	29	27	272	1.63	8.2	31.7	86.7	133	3.19	< 0.1	7.7	14.3	18.4	10.8	2.2	1.5	1.62	0.161	< 0.02	0.31	0.35
118480332 Orig	0.71	2.8	30	27	4010	5.57	8.2	17.3	25.8	83.0	1.53	0.1	6.9	12.0	28.4	10.4	1.7	1.4	2.73	0.121	< 0.02	0.34	0.16
118480332 Dup	0.69	2.8	28	25	3760	5.27	7.7	16.9	24.9	81.7	1.40	0.1	6.3	11.1	26.8	9.64	1.5	1.2	2.61	0.108	< 0.02	0.33	0.14
118480344 Orig	0.31	0.5	18	14	508	5.09	14.6	27.4	65.1	72.1	1.01	< 0.1	0.9	2.7	11.4	8.93	< 0.1	0.5	3.07	0.146	< 0.02	0.12	0.11
118480344 Dup	0.30	0.6	18	14	496	4.88	14.2	26.5	63.2	70.9	1.03	< 0.1	1.1	2.7	11.5	8.80	< 0.1	0.5	2.89	0.142	< 0.02	0.16	0.10
118480352 Orig	0.26	< 0.1	22	14	157	0.71	3.1	12.1	16.3	39.8	2.49	< 0.1	0.2	5.6	12.3	4.98	0.4	0.6	1.50	0.202	< 0.02	0.21	0.06
118480352 Dup	0.25	< 0.1	21	14	144	0.67	2.9	11.8	16.5	40.8	2.58	< 0.1	0.2	5.2	11.4	4.68	0.3	0.6	1.43	0.200	< 0.02	0.18	0.06
118480361 Orig	0.51	0.5	10	6	238	0.93	9.0	10.3	48.7	54.6	0.85	< 0.1	21.8	2.5	11.0	4.38	0.2	0.3	3.41	0.114	< 0.02	< 0.05	0.16
118480361 Dup	0.52	0.6	11	7	244	0.93	8.8	10.4	48.8	56.6	0.83	< 0.1	22.3	2.6	11.1	4.42	0.2	0.3	3.36	0.099	< 0.02	< 0.05	0.17
118480386 Orig	0.57	0.4	< 1	< 1	347	1.36	1.6	36.9	26.0	57.6	< 0.02	< 0.1	0.4	0.7	17.0	1.40	1.6	< 0.1	1.45	0.080	< 0.02	< 0.05	0.04
118480386 Dup	0.60	0.4	1	< 1	345	1.34	1.6	38.3	26.3	58.3	< 0.02	< 0.1	0.5	0.7	16.7	1.41	1.6	0.1	1.53	0.082	< 0.02	< 0.05	0.06
Method Blank	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.02	< 0.05	< 0.02
Method Blank	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.02	< 0.05	< 0.02
Method Blank	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.02	< 0.05	< 0.02
Method Blank	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.02	< 0.05	< 0.02
Method Blank	< 0.01	< 0.1	< 1	< 1	< 1	< 0.01	< 0.1	< 0.1	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.02	< 0.05	< 0.02

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	13.3	2.48	329	4.5	7.76	2.15		5.05	1.7	13.4	0.5	3.3	0.6	4.0			0.3	1.6	0.2	0.2	< 0.05	123	
GXR-1 Cert	13.0	3.00	750	7.50	17.0	3.30		18.0	2.70	16.6	0.690	4.20	0.830	4.30			0.430	1.90	0.280	0.960	0.175	164	
GXR-1 Meas	13.3	2.54	218	4.3	7.27	2.20		4.85	1.6	14.1	0.5	3.2	0.6	4.3			0.3	1.6	0.2	0.2	< 0.05	125	
GXR-1 Cert	13.0	3.00	750	7.50	17.0	3.30		18.0	2.70	16.6	0.690	4.20	0.830	4.30			0.430	1.90	0.280	0.960	0.175	164	
GXR-1 Meas	13.9	2.62	227	4.3	7.26	2.31		4.89	1.7	13.7	0.5	3.3	0.6	4.3			0.3	1.6	0.2	0.2	< 0.05	125	
GXR-1 Cert	13.0	3.00	750	7.50	17.0	3.30		18.0	2.70	16.6	0.690	4.20	0.830	4.30			0.430	1.90	0.280	0.960	0.175	164	
GXR-4 Meas	0.89	2.39	27.4	48.5	81.2	0.03		36.5	5.4	3.1	1.5	5.3	0.6	3.1			0.2	0.8	0.1	0.3	< 0.05	12.5	
GXR-4 Cert	0.970	2.80	1640	64.5	102	0.860		45.0	6.60	5.60	1.63	5.25	0.360	2.60			0.210	1.60	0.170	6.30	0.790	30.8	
GXR-4 Meas	0.89	2.44	22.1	48.8	82.1	0.02		37.0	5.6	3.7	1.5	5.1	0.6	3.0			0.2	0.8	0.1	0.3	< 0.05	11.7	
GXR-4 Cert	0.970	2.80	1640	64.5	102	0.860		45.0	6.60	5.60	1.63	5.25	0.360	2.60			0.210	1.60	0.170	6.30	0.790	30.8	
GXR-4 Meas	0.92	2.26	20.2	43.8	71.9	< 0.01		32.8	4.8	4.5	1.3	4.5	0.5	2.7			0.2	0.7	< 0.1	0.3	< 0.05	9.5	
GXR-4 Cert	0.970	2.80	1640	64.5	102	0.860		45.0	6.60	5.60	1.63	5.25	0.360	2.60			0.210	1.60	0.170	6.30	0.790	30.8	
GXR-6 Meas	0.06	3.31	936	9.5	23.9	0.07		9.56	1.8	< 0.1	0.6	1.9	0.3	1.6				0.6	< 0.1	0.3	< 0.05	< 0.1	
GXR-6 Cert	0.0180	4.20	1300	13.9	36.0	1.00		13.0	2.67	0.940	0.760	2.97	0.415	2.80				2.40	0.330	4.30	0.485	1.90	
GXR-6 Meas	0.05	3.31	933	9.3	22.3	0.07		9.20	1.8	< 0.1	0.5	1.9	0.3	1.7				0.7	< 0.1	0.4	< 0.05	< 0.1	
GXR-6 Cert	0.0180	4.20	1300	13.9	36.0	1.00		13.0	2.67	0.940	0.760	2.97	0.415	2.80				2.40	0.330	4.30	0.485	1.90	
GXR-6 Meas	0.05	3.36	959	9.1	21.9	0.07		9.04	1.8	0.2	0.6	1.9	0.3	1.7				0.6	< 0.1	0.4	< 0.05	< 0.1	
GXR-6 Cert	0.0180	4.20	1300	13.9	36.0	1.00		13.0	2.67	0.940	0.760	2.97	0.415	2.80				2.40	0.330	4.30	0.485	1.90	
LKSD-2 Meas																							
LKSD-2 Cert																							
SdAR-M2 (U.S.G.S.) Meas		0.78	106	35.0	64.5	4.41	8.8	29.7	4.9		0.6	4.7	0.6	3.6	0.6	1.9	0.3	1.4	0.2	0.2	< 0.05	0.9	
SdAR-M2 (U.S.G.S.) Cert		1.82	990	46.6	98.8	5.1	11.0	39.4	7.18		1.44	6.28	0.97	5.88	1.21	3.58	0.54	3.63	0.54	7.29	1.8	2.8	
SdAR-M2 (U.S.G.S.) Meas		0.79	108	33.5	61.0	4.46	8.5	28.9	4.8		0.6	4.8	0.6	3.9	0.7	2.0	0.3	1.3	0.2	0.2	< 0.05	0.9	
SdAR-M2 (U.S.G.S.) Cert		1.82	990	46.6	98.8	5.1	11.0	39.4	7.18		1.44	6.28	0.97	5.88	1.21	3.58	0.54	3.63	0.54	7.29	1.8	2.8	
SdAR-M2 (U.S.G.S.) Meas		0.78	107	32.1	59.1	4.50	8.4	28.2	4.7		0.6	4.6	0.6	3.9	0.7	2.0	0.3	1.3	0.2	0.2	< 0.05	0.9	
SdAR-M2 (U.S.G.S.) Cert		1.82	990	46.6	98.8	5.1	11.0	39.4	7.18		1.44	6.28	0.97	5.88	1.21	3.58	0.54	3.63	0.54	7.29	1.8	2.8	
L-STD-5 Meas																							
L-STD-5 Cert																							
L-STD-5 Meas																							
L-STD-5 Cert																							
118480123 Orig	0.03	1.06	91.7	33.0	54.9	0.57	8.4	28.8	4.4	1.1	1.0	4.3	0.5	3.0	0.5	1.5	0.2	1.0	0.2	< 0.1	< 0.05	0.1	0.001
118480123 Dup	0.03	1.11	97.7	35.0	58.3	0.56	8.9	29.9	4.6	1.0	1.1	4.4	0.5	3.2	0.5	1.6	0.2	1.1	0.2	< 0.1	< 0.05	0.1	< 0.001
118480152 Orig	0.02	0.58	161	20.6	30.3	0.32	4.9	16.4	2.6	1.4	0.6	2.5	0.3	1.8	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.5	< 0.001
118480152 Dup	0.03	0.61	170	21.7	31.9	0.32	5.3	17.6	2.7	1.4	0.6	2.6	0.3	1.8	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.5	0.001
118480153 Orig	0.04	1.15	399	37.6	55.2	1.22	8.6	28.4	4.3	1.9	1.0	4.4	0.5	3.2	0.6	1.6	0.2	1.1	0.2	< 0.1	< 0.05	0.2	0.001
118480153 Dup	0.03	1.19	397	38.1	56.0	1.25	8.9	29.3	4.4	1.9	1.1	4.4	0.6	3.2	0.6	1.7	0.2	1.2	0.2	< 0.1	< 0.05	0.2	0.001
118480164 Orig	0.03	1.03	95.0	62.1	91.7	1.90	13.6	44.5	6.7	1.6	1.7	7.1	0.9	5.0	0.9	2.6	0.3	1.6	0.3	< 0.1	< 0.05	0.1	0.001
118480164 Dup	0.03	1.05	103	63.4	93.3	1.99	13.9	45.1	6.9	1.8	1.7	7.3	0.9	5.2	0.9	2.6	0.3	1.6	0.3	< 0.1	< 0.05	0.2	0.001

Analyte Symbol	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480175 Orig	< 0.02	< 0.02	< 0.5	< 0.5	0.13	< 0.01	< 0.1	0.08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480175 Dup	< 0.02	< 0.02	< 0.5	< 0.5	0.16	< 0.01	< 0.1	0.09	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480195 Orig	< 0.02	0.92	20.1	25.9	30.6	0.51	6.4	22.4	3.4	1.8	0.8	3.5	0.4	2.4	0.4	1.3	0.2	0.9	0.2	0.1	< 0.05	0.2	0.005
118480195 Dup	< 0.02	0.84	12.8	23.3	27.3	0.49	5.8	20.2	3.1	1.9	0.7	3.1	0.4	2.2	0.4	1.2	0.2	0.8	0.1	0.1	< 0.05	0.1	0.004
118480210 Orig	< 0.02	< 0.02	1.3	< 0.5	0.13	< 0.01	< 0.1	0.09	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480210 Dup	< 0.02	< 0.02	2.7	< 0.5	0.13	< 0.01	< 0.1	0.08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480231 Orig	< 0.02	0.93	66.3	38.5	60.9	0.26	9.7	33.2	5.2	1.1	0.9	5.1	0.6	3.8	0.7	1.9	0.3	1.2	0.2	< 0.1	< 0.05	0.5	0.001
118480231 Dup	< 0.02	0.94	66.0	39.2	62.0	0.31	9.8	33.7	5.3	0.9	0.9	5.2	0.7	3.8	0.7	2.0	0.3	1.3	0.2	< 0.1	< 0.05	0.5	0.001
118480240 Orig	0.02	0.83	117	42.3	69.6	0.71	10.7	36.7	5.7	2.2	1.4	5.6	0.7	3.9	0.7	2.1	0.3	1.4	0.2	< 0.1	< 0.05	0.3	0.002
118480240 Dup	0.03	0.81	134	43.9	71.3	0.68	11.2	38.0	5.8	2.3	1.5	5.7	0.7	4.2	0.7	2.2	0.3	1.4	0.2	< 0.1	< 0.05	0.4	0.003
118480280 Orig	< 0.02	< 0.02	4.0	< 0.5	0.17	< 0.01	< 0.1	0.10	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480280 Dup	< 0.02	< 0.02	1.3	< 0.5	0.14	< 0.01	< 0.1	0.11	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
118480281 Orig	0.03	0.69	438	20.6	33.3	0.27	5.2	17.8	2.8	0.8	0.6	2.7	0.3	1.8	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001
118480281 Dup	< 0.02	0.69	464	20.9	33.8	0.28	5.3	17.7	2.8	0.7	0.6	2.7	0.3	1.9	0.3	0.9	0.1	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001
118480288 Orig	0.05	0.78	142	23.5	40.2	0.27	5.8	19.8	3.1	0.4	0.7	2.9	0.4	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.2	< 0.001
118480288 Dup	0.02	0.79	146	23.8	39.9	0.24	5.8	20.1	3.2	0.4	0.7	3.1	0.4	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.2	< 0.001
118480295 Orig	0.03	0.86	74.8	26.5	38.2	0.68	6.5	21.8	3.2	1.4	0.7	3.1	0.4	2.2	0.4	1.2	0.2	0.9	0.1	< 0.1	< 0.05	0.3	0.004
118480295 Dup	0.05	0.86	74.3	26.1	37.3	0.71	6.5	22.1	3.3	1.1	0.7	3.1	0.4	2.2	0.4	1.2	0.2	0.9	0.1	< 0.1	< 0.05	0.3	0.003
118480332 Orig	0.05	0.70	325	26.1	38.2	0.35	6.2	20.6	3.1	1.2	0.7	3.0	0.4	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	1.0	0.001
118480332 Dup	< 0.02	0.68	305	25.2	36.8	0.31	6.1	20.2	3.1	0.9	0.7	2.9	0.4	2.0	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	1.0	0.002
118480344 Orig	< 0.02	0.33	36.1	17.9	30.8	0.40	4.6	15.6	2.5	1.1	0.6	2.5	0.3	1.7	0.3	1.0	0.1	0.7	0.1	< 0.1	< 0.05	0.1	0.005
118480344 Dup	< 0.02	0.33	28.8	17.6	30.1	0.37	4.4	14.9	2.3	1.3	0.5	2.3	0.3	1.7	0.3	0.9	0.1	0.7	0.1	< 0.1	< 0.05	0.1	0.003
118480352 Orig	< 0.02	0.57	45.3	14.1	23.9	0.31	3.3	11.2	1.9	0.8	0.4	1.9	0.2	1.3	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.1	0.002
118480352 Dup	< 0.02	0.54	45.0	13.9	24.3	0.30	3.2	11.0	1.8	0.5	0.4	1.9	0.2	1.2	0.2	0.6	< 0.1	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001
118480361 Orig	0.04	0.46	5.8	9.5	14.5	0.32	2.4	8.30	1.4	1.5	0.3	1.5	0.2	1.0	0.2	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.006
118480361 Dup	0.03	0.46	7.0	9.5	14.4	0.31	2.3	8.11	1.4	1.1	0.3	1.5	0.2	1.0	0.2	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.005
118480386 Orig	< 0.02	0.15	46.2	3.4	4.24	0.32	0.9	3.19	0.6	1.4	0.2	0.6	< 0.1	0.4	< 0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.006
118480386 Dup	0.03	0.15	34.0	3.4	4.35	0.36	0.9	3.26	0.6	1.2	0.2	0.6	< 0.1	0.4	< 0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.006
Method Blank	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
Method Blank	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
Method Blank	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
Method Blank	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001
Method Blank	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001

Analyte Symbol	Au	Tl	Pb	Th	U	Hg	Ag	As	Ba	Cr	Cs	Hf	Mo	Ni	Rb	Sr	Ta	Th	U	W	Nd	Eu	Tb
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.02	0.01	0.1	0.1	10	2	1	100	1	0.5	0.5	0.5	10	20	100	0.5	0.5	0.1	1	3	0.2	0.2
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas	3360	0.35	561	1.3	25.0	4410																	
GXR-1 Cert	3300	0.390	730	2.44	34.9	3900																	
GXR-1 Meas	3080	0.38	578	1.3	25.4	4250																	
GXR-1 Cert	3300	0.390	730	2.44	34.9	3900																	
GXR-1 Meas	3440	0.39	593	1.3	26.9	4010																	
GXR-1 Cert	3300	0.390	730	2.44	34.9	3900																	
GXR-4 Meas	461	3.27	45.4	19.8	5.6	140																	
GXR-4 Cert	470	3.20	52.0	22.5	6.20	110																	
GXR-4 Meas	494	3.23	44.5	19.6	5.6	100																	
GXR-4 Cert	470	3.20	52.0	22.5	6.20	110																	
GXR-4 Meas	489	3.14	40.9	16.9	4.6	80																	
GXR-4 Cert	470	3.20	52.0	22.5	6.20	110																	
GXR-6 Meas	43.1	2.02	101	3.7	0.8	60																	
GXR-6 Cert	95.0	2.20	101	5.30	1.54	68.0																	
GXR-6 Meas	49.3	2.10	82.9	3.7	0.8	60																	
GXR-6 Cert	95.0	2.20	101	5.30	1.54	68.0																	
GXR-6 Meas	55.2	2.07	81.5	3.7	0.8	70																	
GXR-6 Cert	95.0	2.20	101	5.30	1.54	68.0																	
LKSD-2 Meas							< 2	10	700	54	3.1	6.7	1.9	< 10	80	< 100	< 0.5	12.8	7.3	< 1	61	1.8	1.3
LKSD-2 Cert							0.800	11.0	780	57.0	3.00	7.00	2.00	26.0	85.0	220	0.800	13.4	7.60	2.00	58.0	1.90	1.40
SdAR-M2 (U.S.G.S.) Meas			634	10.8	1.5	1440																	
SdAR-M2 (U.S.G.S.) Cert			808	14.2	2.53	1440.00																	
SdAR-M2 (U.S.G.S.) Meas			653	11.0	1.5	1040																	
SdAR-M2 (U.S.G.S.) Cert			808	14.2	2.53	1440.00																	
SdAR-M2 (U.S.G.S.) Meas			627	10.9	1.5	1040																	
SdAR-M2 (U.S.G.S.) Cert			808	14.2	2.53	1440.00																	
L-STD-5 Meas																							
L-STD-5 Cert																							
L-STD-5 Meas																							
L-STD-5 Cert																							
118480123 Orig	0.8	0.23	8.12	1.3	2.2	100																	
118480123 Dup	0.8	0.24	8.58	1.4	2.4	100																	
118480152 Orig	0.8	0.12	7.30	1.7	3.3	100																	
118480152 Dup	< 0.5	0.13	7.62	2.1	3.5	100																	
118480153 Orig	2.3	0.40	7.75	2.9	2.2	130																	
118480153 Dup	2.4	0.42	8.06	2.8	2.3	140																	
118480164 Orig	< 0.5	0.36	11.8	3.0	3.7	70																	
118480164 Dup	< 0.5	0.37	11.6	2.8	3.7	60																	

Analyte Symbol	Au	Tl	Pb	Th	U	Hg	Ag	As	Ba	Cr	Cs	Hf	Mo	Ni	Rb	Sr	Ta	Th	U	W	Nd	Eu	Tb
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.02	0.01	0.1	0.1	10	2	1	100	1	0.5	0.5	0.5	10	20	100	0.5	0.5	0.1	1	3	0.2	0.2
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480175 Orig	2.0	< 0.02	0.11	< 0.1	< 0.1	< 10																	
118480175 Dup	1.6	< 0.02	0.15	< 0.1	< 0.1	< 10																	
118480195 Orig	< 0.5	0.19	4.74	3.7	1.8	130																	
118480195 Dup	< 0.5	0.17	4.32	3.2	1.6	120																	
118480210 Orig	< 0.5	< 0.02	0.10	< 0.1	< 0.1	< 10																	
118480210 Dup	< 0.5	< 0.02	0.13	< 0.1	< 0.1	< 10																	
118480231 Orig	< 0.5	0.19	6.96	1.0	14.4	50																	
118480231 Dup	< 0.5	0.20	7.39	1.2	14.6	50																	
118480240 Orig	< 0.5	0.34	5.31	0.6	3.0	160																	
118480240 Dup	< 0.5	0.35	5.52	0.9	3.2	150																	
118480280 Orig	< 0.5	< 0.02	0.12	< 0.1	< 0.1	< 10																	
118480280 Dup	0.8	< 0.02	0.16	< 0.1	< 0.1	< 10																	
118480281 Orig	0.5	0.14	5.80	2.4	2.8	50																	
118480281 Dup	1.1	0.14	5.75	2.5	2.8	50																	
118480288 Orig	0.5	0.15	7.45	2.9	1.7	30																	
118480288 Dup	0.8	0.15	7.63	2.9	1.8	50																	
118480295 Orig	1.1	0.18	5.23	2.0	1.8	120																	
118480295 Dup	1.1	0.17	5.23	2.0	1.8	100																	
118480332 Orig	< 0.5	0.16	5.00	3.3	4.5	160																	
118480332 Dup	< 0.5	0.16	5.10	3.4	4.7	110																	
118480344 Orig	< 0.5	0.10	2.04	0.1	1.4	80																	
118480344 Dup	< 0.5	0.10	1.99	0.2	1.4	90																	
118480352 Orig	< 0.5	0.06	4.71	< 0.1	1.0	50																	
118480352 Dup	< 0.5	0.06	4.68	< 0.1	1.0	30																	
118480361 Orig	< 0.5	0.07	2.82	< 0.1	2.1	80																	
118480361 Dup	< 0.5	0.07	2.94	0.1	2.2	80																	
118480386 Orig	< 0.5	0.05	1.26	0.5	1.1	80																	
118480386 Dup	< 0.5	0.06	1.35	0.5	1.1	80																	
Method Blank	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10																	
Method Blank	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10																	
Method Blank	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10																	
Method Blank	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10																	
Method Blank	< 0.5	< 0.02	< 0.01	< 0.1	< 0.1	< 10																	

Analyte Symbol	Yb	Lu
Unit Symbol	ppm	ppm
Lower Limit	0.1	0.1
Method Code	INAA	INAA
GXR-1 Meas		
GXR-1 Cert		
GXR-1 Meas		
GXR-1 Cert		
GXR-1 Meas		
GXR-1 Cert		
GXR-4 Meas		
GXR-4 Cert		
GXR-4 Meas		
GXR-4 Cert		
GXR-4 Meas		
GXR-4 Cert		
GXR-6 Meas		
GXR-6 Cert		
GXR-6 Meas		
GXR-6 Cert		
GXR-6 Meas		
GXR-6 Cert		
LKSD-2 Meas	3.8	0.6
LKSD-2 Cert	4.00	0.600
SdAR-M2 (U.S.G.S.) Meas		
SdAR-M2 (U.S.G.S.) Cert		
SdAR-M2 (U.S.G.S.) Meas		
SdAR-M2 (U.S.G.S.) Cert		
SdAR-M2 (U.S.G.S.) Meas		
SdAR-M2 (U.S.G.S.) Cert		
L-STD-5 Meas		
L-STD-5 Cert		
L-STD-5 Meas		
L-STD-5 Cert		
118480123 Orig		
118480123 Dup		
118480152 Orig		
118480152 Dup		
118480153 Orig		
118480153 Dup		
118480164 Orig		
118480164 Dup		

Analyte Symbol	Yb	Lu
Unit Symbol	ppm	ppm
Lower Limit	0.1	0.1
Method Code	INAA	INAA
118480175 Orig		
118480175 Dup		
118480195 Orig		
118480195 Dup		
118480210 Orig		
118480210 Dup		
118480231 Orig		
118480231 Dup		
118480240 Orig		
118480240 Dup		
118480280 Orig		
118480280 Dup		
118480281 Orig		
118480281 Dup		
118480288 Orig		
118480288 Dup		
118480295 Orig		
118480295 Dup		
118480332 Orig		
118480332 Dup		
118480344 Orig		
118480344 Dup		
118480352 Orig		
118480352 Dup		
118480361 Orig		
118480361 Dup		
118480386 Orig		
118480386 Dup		
Method Blank		
Method Blank		
Method Blank		
Method Blank		
Method Blank		

Quality Analysis ... *Innovative Technologies*

Date Submitted: 30-Nov-17
Invoice No.: A17-13639-INAA ReAssay
Invoice Date: 15-Feb-18
Your Reference: 1184 batch #3

IOS Services Geoscientifiques Inc.
1319 Boul, St. Paul
Chicoutimi PQ G7J-3Y2
Canada

ATTN: Rejean Girard

CERTIFICATE OF ANALYSIS

155 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code 2A-15g Humus INAA(INAAGEO)

REPORT **A17-13639-INAA ReAssay**

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Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480399	1	< 2	3	700	25	< 0.5	11	53	0.7	2.62	5.6	< 0.5	< 5	10.9	13500	< 10	30	< 0.1	6.9	< 2	100	< 0.5	8.8
118480400	< 1	< 2	5	700	31	1.7	11	53	2.0	3.07	3.5	< 0.5	< 5	3.5	12900	< 10	50	0.4	9.2	< 2	< 100	< 0.5	9.6
118480401	< 1	< 2	3	300	21	< 0.5	7	32	1.3	1.21	1.1	< 0.5	< 5	2.6	5300	< 10	40	< 0.1	4.1	3	200	< 0.5	5.1
118480402	< 1	< 2	2	400	29	0.8	15	29	< 0.5	3.82	1.8	< 0.5	< 5	4.0	5200	< 10	< 20	0.2	5.3	< 2	< 100	< 0.5	3.3
118480403	4	< 2	22	1400	51	< 0.5	25	84	3.7	13.4	2.9	< 0.5	< 5	7.5	9100	< 10	130	0.4	13.2	< 2	< 100	< 0.5	9.6
118480404	< 1	< 2	19	500	49	< 0.5	22	41	2.2	4.63	1.4	< 0.5	< 5	7.9	7200	< 10	70	1.0	6.0	< 2	100	< 0.5	8.3
118480405	< 1	< 2	5	800	60	3.9	17	73	1.1	3.54	2.1	< 0.5	< 5	2.1	10600	< 10	130	0.3	8.1	< 2	< 100	< 0.5	8.4
118480406	< 1	< 2	2	800	26	< 0.5	14	55	1.0	2.87	5.5	< 0.5	< 5	7.7	14700	< 10	40	< 0.1	7.6	< 2	< 100	< 0.5	9.5
118480407	< 1	< 2	5	600	32	2.2	9	39	2.2	2.92	2.7	< 0.5	< 5	2.0	6600	< 10	30	0.2	6.4	< 2	< 100	< 0.5	4.8
118480408	< 1	< 2	1	800	15	< 0.5	10	55	2.2	2.66	5.7	< 0.5	< 5	< 0.5	19000	< 10	40	0.1	9.1	< 2	< 100	< 0.5	7.4
118480409	1	< 2	6	< 100	66	< 0.5	67	33	< 0.5	8.40	< 0.5	< 0.5	< 5	< 0.5	2200	< 10	< 20	0.2	5.4	< 2	< 100	< 0.5	5.1
118480410	< 1	< 2	28	1500	46	< 0.5	26	81	3.9	8.74	5.8	< 0.5	< 5	4.4	22700	< 10	130	1.0	13.9	< 2	< 100	< 0.5	13.4
118480411	< 1	< 2	7	200	27	< 0.5	56	57	< 0.5	12.0	0.6	< 0.5	< 5	2.0	4700	< 10	20	0.2	12.2	< 2	< 100	< 0.5	8.0
118480412	< 1	< 2	47	400	83	< 0.5	22	42	< 0.5	3.71	< 0.5	< 0.5	< 5	3.7	1400	60	< 20	0.8	8.3	9	< 100	< 0.5	3.9
118480413	< 1	< 2	3	700	28	< 0.5	15	61	0.7	3.01	5.8	< 0.5	< 5	16.9	15400	< 10	30	0.2	8.0	< 2	< 100	< 0.5	11.5
118480414	< 1	< 2	6	800	43	< 0.5	13	59	1.4	4.07	4.5	< 0.5	< 5	0.9	15900	< 10	80	0.7	11.1	< 2	< 100	< 0.5	10.2
118480415	< 1	< 2	3	700	24	< 0.5	8	61	< 0.5	2.44	2.8	< 0.5	< 5	3.1	12700	< 10	60	< 0.1	8.5	< 2	< 100	< 0.5	5.1
118480416	< 1	< 2	18	1100	14	< 0.5	11	65	4.4	3.69	6.2	< 0.5	< 5	23.5	27800	< 10	80	0.2	10.3	< 2	300	< 0.5	8.5
118480417	< 1	< 2	3	300	26	0.5	12	40	< 0.5	6.24	2.6	< 0.5	< 5	6.6	8200	< 10	30	0.2	5.2	3	< 100	< 0.5	3.8
118480418	< 1	< 2	2	< 100	40	0.8	1	12	< 0.5	1.50	< 0.5	< 0.5	< 5	4.7	800	< 10	< 20	0.3	1.2	2	< 100	< 0.5	1.4
118480419	< 1	< 2	2	100	44	< 0.5	22	29	< 0.5	4.10	< 0.5	< 0.5	< 5	6.3	3900	130	20	0.6	4.2	< 2	< 100	< 0.5	4.8
118480420	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	4	< 0.5	0.25	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	0.1	< 2	< 100	< 0.5	< 0.5
118480421	1	< 2	9	1100	27	< 0.5	46	66	2.8	13.1	2.4	< 0.5	< 5	1.8	9900	< 10	80	0.9	10.3	< 2	< 100	< 0.5	11.9
118480422	< 1	< 2	4	600	38	< 0.5	15	48	1.2	2.71	2.3	< 0.5	< 5	1.1	8300	< 10	50	0.7	7.9	< 2	< 100	< 0.5	9.8
118480423	< 1	< 2	2	< 100	49	< 0.5	4	16	< 0.5	0.42	< 0.5	< 0.5	< 5	4.3	1300	20	< 20	0.3	2.7	< 2	< 100	< 0.5	3.0
118480424	< 1	< 2	385	1100	31	< 0.5	17	67	1.6	8.05	7.8	< 0.5	< 5	2.3	25900	< 10	50	0.6	12.1	< 2	300	< 0.5	9.3
118480425	< 1	< 2	4	< 100	35	< 0.5	19	28	< 0.5	7.01	0.7	< 0.5	< 5	8.6	3200	< 10	< 20	0.4	3.1	< 2	< 100	< 0.5	3.3
118480426	< 1	< 2	7	700	30	< 0.5	15	60	1.1	4.46	3.5	< 0.5	< 5	4.9	12400	< 10	80	0.6	11.3	< 2	< 100	< 0.5	10.0
118480427	4	< 2	3	800	28	< 0.5	14	56	1.6	3.00	5.9	< 0.5	< 5	13.5	14600	< 10	50	< 0.1	7.7	< 2	< 100	< 0.5	9.3
118480428	< 1	< 2	5	1000	49	< 0.5	14	56	0.7	5.64	0.7	< 0.5	< 5	9.8	7500	< 10	< 20	0.3	6.4	< 2	< 100	< 0.5	8.9
118480429	< 1	< 2	< 1	< 100	30	< 0.5	43	17	< 0.5	2.51	< 0.5	< 0.5	< 5	0.8	3100	240	< 20	< 0.1	3.0	< 2	< 100	< 0.5	1.9
118480430	2	< 2	8	700	33	< 0.5	29	49	0.7	3.92	3.0	< 0.5	< 5	< 0.5	12400	< 10	30	0.4	7.1	< 2	< 100	< 0.5	8.1
118480431	< 1	< 2	1	600	16	< 0.5	6	34	1.3	1.71	3.0	< 0.5	< 5	1.7	13100	< 10	20	< 0.1	5.3	< 2	< 100	< 0.5	5.6
118480432	< 1	< 2	165	600	58	< 0.5	27	79	1.5	8.03	3.1	< 0.5	< 5	0.6	16200	< 10	140	0.3	10.9	< 2	< 100	< 0.5	9.6
118480433	< 1	< 2	6	200	44	< 0.5	8	41	< 0.5	1.46	2.0	< 0.5	< 5	5.2	8500	< 10	< 20	0.2	4.6	< 2	< 100	< 0.5	4.7
118480434	< 1	< 2	1	700	26	< 0.5	12	56	1.6	2.37	5.0	< 0.5	< 5	13.6	14700	< 10	< 20	< 0.1	6.9	< 2	< 100	< 0.5	8.8
118480435	< 1	< 2	16	2100	21	< 0.5	25	77	2.0	8.37	4.9	< 0.5	< 5	5.0	19400	< 10	150	1.2	12.1	< 2	< 100	< 0.5	13.9
118480436	< 1	< 2	4	400	49	< 0.5	9	25	< 0.5	3.00	1.2	< 0.5	< 5	6.1	3700	< 10	< 20	0.4	3.5	< 2	< 100	< 0.5	3.0
118480437	< 1	< 2	9	200	68	< 0.5	17	40	1.0	3.57	2.6	< 0.5	< 5	1.5	9300	< 10	< 20	0.7	7.1	< 2	< 100	< 0.5	7.1
118480438	< 1	< 2	3	100	46	< 0.5	9	25	< 0.5	1.89	1.5	< 0.5	< 5	< 0.5	5300	< 10	< 20	0.2	4.3	< 2	< 100	< 0.5	4.1
118480439	< 1	< 2	9	700	87	< 0.5	10	68	3.3	6.09	1.6	< 0.5	< 5	7.1	7300	< 10	< 20	0.3	8.1	< 2	< 100	< 0.5	8.6
118480440	< 1	< 2	3	300	33	< 0.5	3	19	< 0.5	1.64	0.8	< 0.5	< 5	1.8	1900	< 10	< 20	< 0.1	2.4	< 2	< 100	< 0.5	2.5

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480441	< 1	< 2	3	600	29	< 0.5	12	46	< 0.5	2.53	5.4	< 0.5	< 5	10.5	15700	< 10	50	< 0.1	7.5	< 2	< 100	< 0.5	8.9
118480442	< 1	< 2	6	700	33	< 0.5	16	70	2.7	2.92	2.6	< 0.5	< 5	2.2	12400	< 10	50	0.8	11.6	< 2	< 100	< 0.5	16.9
118480443	2	< 2	3	200	24	< 0.5	3	29	< 0.5	0.53	< 0.5	< 0.5	< 5	4.8	2600	< 10	< 20	0.2	3.6	< 2	< 100	< 0.5	6.2
118480444	1	< 2	2	300	44	< 0.5	12	25	0.7	2.74	1.7	< 0.5	< 5	1.4	6100	< 10	50	0.2	4.2	< 2	< 100	< 0.5	4.2
118480445	1	< 2	5	< 100	22	< 0.5	97	47	< 0.5	21.8	0.7	< 0.5	< 5	< 0.5	5100	< 10	50	< 0.1	8.5	< 2	< 100	< 0.5	5.4
118480446	< 1	< 2	29	< 100	53	< 0.5	5	13	< 0.5	2.42	< 0.5	< 0.5	< 5	0.9	800	< 10	< 20	0.2	1.4	4	< 100	< 0.5	< 0.5
118480447	5	< 2	5	700	39	0.5	15	59	1.3	3.26	2.8	< 0.5	< 5	2.1	13100	< 10	50	0.6	9.1	< 2	< 100	< 0.5	9.6
118480448	3	< 2	32	2300	31	5.7	19	85	5.8	5.07	6.7	< 0.5	< 5	11.3	16600	< 10	40	4.4	15.5	< 2	400	< 0.5	8.9
118480449	< 1	< 2	4	400	56	< 0.5	5	19	< 0.5	2.10	1.7	< 0.5	< 5	4.6	5500	< 10	< 20	0.3	3.9	< 2	< 100	< 0.5	3.5
118480450	< 1	< 2	4	100	35	0.6	4	21	< 0.5	2.63	1.2	< 0.5	< 5	5.5	2700	< 10	< 20	< 0.1	3.2	< 2	< 100	< 0.5	2.8
118480451	< 1	< 2	17	< 100	57	< 0.5	20	40	< 0.5	4.54	0.7	< 0.5	< 5	1.1	3700	< 10	< 20	0.2	5.6	< 2	< 100	< 0.5	4.8
118480452	< 1	< 2	6	1100	16	< 0.5	19	97	3.0	4.97	4.6	< 0.5	< 5	2.0	21500	< 10	60	0.6	13.8	< 2	< 100	< 0.5	17.3
118480453	< 1	< 2	5	700	80	1.4	8	51	< 0.5	1.84	2.5	< 0.5	< 5	4.6	14100	40	40	0.4	7.5	< 2	< 100	< 0.5	10.1
118480454	< 1	< 2	3	800	52	1.8	12	59	< 0.5	2.29	5.3	< 0.5	< 5	11.2	18800	< 10	30	0.2	8.3	< 2	< 100	< 0.5	7.9
118480455	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	3	< 0.5	0.19	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	< 0.1	< 2	< 100	< 0.5	< 0.5
118480456	< 1	< 2	4	< 100	63	< 0.5	2	12	< 0.5	2.29	< 0.5	< 0.5	< 5	3.1	1000	< 10	< 20	0.2	1.8	< 2	< 100	< 0.5	2.0
118480457	< 1	< 2	2	< 100	43	2.5	< 1	10	< 0.5	0.72	< 0.5	< 0.5	< 5	2.1	1900	< 10	< 20	0.1	1.8	< 2	< 100	< 0.5	2.0
118480458	4	< 2	4	500	38	1.1	10	41	< 0.5	2.09	2.5	< 0.5	< 5	4.1	9600	< 10	< 20	0.1	5.3	< 2	< 100	< 0.5	4.6
118480459	< 1	< 2	29	600	33	< 0.5	22	63	0.9	3.66	3.3	< 0.5	< 5	3.1	11800	< 10	30	0.5	8.8	< 2	< 100	< 0.5	9.1
118480460	9	< 2	2	900	35	< 0.5	11	51	< 0.5	3.37	2.6	< 0.5	< 5	8.1	7400	< 10	< 20	0.2	5.3	< 2	< 100	< 0.5	8.0
118480461	< 1	< 2	8	1100	23	< 0.5	25	67	1.2	7.52	4.5	< 0.5	< 5	1.8	22200	< 10	50	0.5	12.1	< 2	< 100	< 0.5	15.3
118480462	4	< 2	4	500	25	< 0.5	12	57	2.6	2.50	5.7	< 0.5	< 5	11.1	13500	< 10	30	< 0.1	6.7	< 2	< 100	< 0.5	9.4
118480463	< 1	< 2	18	1200	36	0.6	26	87	3.4	6.53	5.2	< 0.5	< 5	2.0	20600	< 10	130	0.6	12.2	< 2	200	< 0.5	13.4
118480464	< 1	< 2	3	200	31	< 0.5	4	24	< 0.5	3.25	1.4	< 0.5	< 5	1.8	4200	< 10	< 20	0.3	2.5	< 2	< 100	< 0.5	3.4
118480465	< 1	< 2	9	900	75	< 0.5	15	77	4.5	4.23	4.4	< 0.5	< 5	6.0	16700	< 10	120	0.6	11.3	< 2	200	< 0.5	11.1
118480466	< 1	< 2	14	2400	44	< 0.5	13	46	< 0.5	6.80	5.0	< 0.5	< 5	19.1	17100	< 10	90	0.4	6.9	< 2	< 100	< 0.5	6.9
118480467	< 1	< 2	23	< 100	54	1.4	3	12	< 0.5	0.87	< 0.5	< 0.5	< 5	0.9	800	< 10	< 20	0.4	3.0	< 2	< 100	< 0.5	3.5
118480468	< 1	< 2	3	400	29	1.3	9	70	< 0.5	2.50	2.6	< 0.5	< 5	5.4	8600	< 10	< 20	< 0.1	7.3	< 2	< 100	< 0.5	4.0
118480469	< 1	< 2	3	500	27	< 0.5	14	52	1.2	2.69	5.4	< 0.5	< 5	5.8	14300	< 10	50	0.1	7.0	< 2	< 100	< 0.5	9.6
118480470	< 1	< 2	10	600	37	< 0.5	12	49	0.7	3.85	2.1	< 0.5	< 5	2.2	8100	< 10	20	0.9	7.2	< 2	< 100	< 0.5	7.9
118480471	< 1	< 2	9	< 100	72	< 0.5	23	29	< 0.5	1.83	0.6	< 0.5	< 5	4.8	2700	< 10	< 20	0.3	6.6	< 2	< 100	< 0.5	4.0
118480472	1	< 2	5	700	40	1.3	20	60	0.7	4.96	3.5	< 0.5	< 5	3.8	16200	< 10	40	0.3	8.3	< 2	300	< 0.5	7.3
118480473	< 1	< 2	11	900	41	< 0.5	34	73	< 0.5	5.78	3.4	< 0.5	< 5	1.4	16300	< 10	50	0.6	11.0	< 2	< 100	< 0.5	12.5
118480474	< 1	< 2	9	500	41	< 0.5	21	56	1.6	4.34	2.0	< 0.5	< 5	< 0.5	7200	< 10	30	0.7	7.0	< 2	< 100	< 0.5	9.6
118480475	8	< 2	9	900	73	0.6	35	69	2.7	6.58	4.3	< 0.5	< 5	2.3	19000	< 10	30	0.5	10.0	< 2	100	< 0.5	10.8
118480476	< 1	< 2	3	800	27	< 0.5	13	57	0.9	2.69	5.9	< 0.5	< 5	11.2	14500	< 10	30	< 0.1	6.9	< 2	< 100	< 0.5	9.5
118480477	< 1	< 2	22	900	57	< 0.5	16	62	1.0	5.13	5.1	< 0.5	< 5	1.6	16000	< 10	40	0.4	9.0	< 2	< 100	< 0.5	10.0
118480478	< 1	< 2	19	1200	24	< 0.5	20	83	3.1	5.97	6.4	< 0.5	< 5	2.3	19700	< 10	160	0.3	11.3	< 2	< 100	< 0.5	11.3
118480479	< 1	< 2	8	1300	14	< 0.5	12	68	1.2	4.07	5.3	< 0.5	< 5	< 0.5	26600	< 10	120	0.3	11.1	< 2	< 100	< 0.5	10.7
118480480	4	< 2	3	300	27	1.1	3	18	0.6	1.50	1.1	< 0.5	< 5	4.2	2600	< 10	< 20	0.2	2.3	< 2	< 100	< 0.5	2.8
118480481	7	< 2	2	800	10	0.8	14	75	1.2	2.55	3.6	< 0.5	< 5	0.9	18200	< 10	100	< 0.1	8.8	< 2	< 100	< 0.5	8.8
118480482	< 1	< 2	1	300	44	< 0.5	5	29	< 0.5	3.76	1.7	< 0.5	< 5	9.9	6400	< 10	30	< 0.1	3.9	< 2	< 100	< 0.5	6.4

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480483	< 1	< 2	1	700	26	< 0.5	13	58	1.1	2.52	6.1	< 0.5	< 5	11.0	14100	< 10	60	< 0.1	6.9	< 2	< 100	< 0.5	9.4
118480484	< 1	< 2	8	1000	52	< 0.5	11	57	< 0.5	3.69	4.8	< 0.5	< 5	3.7	18600	< 10	80	0.8	8.6	< 2	< 100	< 0.5	7.7
118480485	< 1	< 2	3	200	35	2.2	6	20	< 0.5	1.42	1.1	< 0.5	< 5	0.8	4000	< 10	< 20	0.3	3.7	< 2	< 100	< 0.5	3.7
118480486	< 1	< 2	2	400	24	< 0.5	7	47	0.8	2.27	1.7	< 0.5	< 5	4.4	6500	< 10	< 20	< 0.1	5.1	< 2	< 100	< 0.5	3.5
118480487	< 1	< 2	5	1000	71	< 0.5	17	93	3.5	3.65	3.8	< 0.5	< 5	1.3	19600	< 10	130	0.4	10.8	< 2	< 100	< 0.5	11.1
118480488	< 1	< 2	3	< 100	37	< 0.5	7	24	< 0.5	3.54	1.3	< 0.5	< 5	5.9	3200	< 10	< 20	0.2	3.2	< 2	< 100	< 0.5	3.0
118480489	< 1	< 2	9	1100	51	< 0.5	19	80	1.0	4.64	4.5	< 0.5	< 5	2.6	16300	< 10	120	0.5	9.8	< 2	< 100	< 0.5	12.6
118480490	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	3	< 0.5	0.17	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	< 0.1	< 2	< 100	< 0.5	< 0.5
118480491	< 1	< 2	3	600	44	< 0.5	15	54	0.8	2.38	3.7	< 0.5	< 5	1.5	9700	< 10	30	0.6	7.7	< 2	< 100	< 0.5	8.5
118480492	< 1	< 2	41	100	60	< 0.5	14	29	< 0.5	1.77	< 0.5	< 0.5	< 5	5.1	1500	< 10	< 20	0.4	4.3	< 2	< 100	< 0.5	3.0
118480493	< 1	< 2	2	400	63	< 0.5	4	24	< 0.5	1.97	0.5	< 0.5	< 5	1.8	2000	< 10	< 20	0.1	1.6	< 2	< 100	< 0.5	2.3
118480494	< 1	< 2	63	600	37	< 0.5	44	58	< 0.5	12.2	2.5	< 0.5	< 5	10.7	11100	60	20	0.3	8.7	< 2	< 100	< 0.5	8.4
118480495	< 1	< 2	4	900	20	< 0.5	7	66	< 0.5	1.96	10.0	< 0.5	< 5	4.7	25900	< 10	60	0.2	8.5	< 2	< 100	< 0.5	7.3
118480496	< 1	< 2	5	1100	26	2.2	17	65	4.2	5.57	8.2	< 0.5	< 5	5.1	23300	< 10	130	< 0.1	10.9	< 2	< 100	< 0.5	8.5
118480497	< 1	< 2	2	800	30	< 0.5	14	56	1.6	2.39	6.0	< 0.5	< 5	5.7	15000	< 10	< 20	0.2	7.3	< 2	100	< 0.5	9.9
118480498	< 1	< 2	3	100	56	< 0.5	< 1	24	< 0.5	0.90	0.9	< 0.5	< 5	11.3	3400	< 10	< 20	0.3	2.8	< 2	< 100	< 0.5	3.8
118480499	< 1	< 2	9	400	574	< 0.5	< 1	36	< 0.5	1.46	2.0	< 0.5	< 5	5.6	8000	< 10	< 20	0.8	5.9	< 2	< 100	< 0.5	8.1
118480500	< 1	< 2	2	< 100	47	1.2	< 1	12	< 0.5	0.78	< 0.5	< 0.5	< 5	2.1	500	< 10	< 20	0.1	1.7	< 2	< 100	< 0.5	1.9
118480501	< 1	< 2	3	100	27	< 0.5	5	37	< 0.5	1.60	1.4	< 0.5	< 5	6.7	4400	< 10	< 20	< 0.1	4.0	< 2	< 100	< 0.5	3.8
118480502	< 1	< 2	5	600	41	< 0.5	20	57	< 0.5	3.07	2.3	< 0.5	< 5	2.1	7500	< 10	70	0.7	8.2	< 2	< 100	< 0.5	9.8
118480503	< 1	< 2	4	500	34	2.1	8	43	1.4	1.65	2.2	< 0.5	< 5	4.6	7200	< 10	50	< 0.1	5.8	< 2	< 100	< 0.5	4.6
118480504	< 1	< 2	3	900	30	< 0.5	15	67	1.3	2.56	6.3	< 0.5	< 5	15.5	15800	< 10	40	< 0.1	7.6	< 2	< 100	< 0.5	9.9
118480505	4	< 2	5	600	50	< 0.5	17	61	2.3	3.04	3.5	< 0.5	< 5	5.1	10300	< 10	80	0.6	8.0	< 2	< 100	< 0.5	9.6
118480506	< 1	< 2	2	900	27	< 0.5	8	49	< 0.5	2.90	4.5	< 0.5	< 5	< 0.5	15800	< 10	60	< 0.1	6.8	< 2	< 100	< 0.5	7.1
118480507	< 1	< 2	39	900	46	< 0.5	16	94	4.3	3.84	4.7	< 0.5	< 5	1.7	19000	< 10	140	0.9	13.4	< 2	< 100	< 0.5	12.7
118480508	< 1	< 2	2	500	25	2.1	14	77	< 0.5	2.69	2.3	< 0.5	< 5	3.5	8900	< 10	< 20	< 0.1	7.8	< 2	< 100	< 0.5	6.3
118480509	< 1	< 2	5	400	30	< 0.5	16	37	0.7	3.93	1.9	< 0.5	< 5	4.7	6000	< 10	30	0.2	4.4	< 2	< 100	< 0.5	3.8
118480510	< 1	< 2	1	300	252	< 0.5	20	45	< 0.5	2.06	2.3	< 0.5	< 5	8.6	7000	< 10	< 20	0.3	6.1	< 2	< 100	< 0.5	10.1
118480511	< 1	< 2	3	700	30	< 0.5	18	53	2.5	2.50	6.6	< 0.5	< 5	6.3	15200	< 10	80	0.2	7.6	< 2	< 100	< 0.5	9.9
118480512	< 1	< 2	8	400	33	< 0.5	14	64	2.3	3.40	1.7	< 0.5	< 5	3.7	6400	< 10	20	0.7	7.3	< 2	< 100	< 0.5	11.9
118480513	< 1	< 2	2	300	33	< 0.5	13	14	< 0.5	4.84	< 0.5	< 0.5	< 5	3.5	1800	< 10	< 20	0.2	1.7	6	< 100	< 0.5	1.9
118480514	2	< 2	2	1300	22	5.5	37	71	1.9	8.96	10.7	< 0.5	< 5	1.7	12400	< 10	40	0.1	22.0	< 2	< 100	< 0.5	12.6
118480515	< 1	< 2	6	100	61	< 0.5	14	40	3.1	3.77	1.6	< 0.5	< 5	4.2	3600	< 10	< 20	0.6	6.3	< 2	< 100	< 0.5	6.7
118480516	8	< 2	6	800	31	< 0.5	13	46	1.1	2.04	3.5	< 0.5	< 5	1.3	12900	< 10	20	0.6	8.7	< 2	< 100	< 0.5	9.3
118480517	< 1	< 2	7	800	44	1.0	10	53	< 0.5	3.24	4.3	< 0.5	< 5	1.3	14000	80	30	0.1	7.3	< 2	< 100	< 0.5	7.7
118480518	< 1	< 2	19	500	64	< 0.5	14	41	1.6	3.20	3.3	< 0.5	< 5	16.5	7200	< 10	< 20	1.7	8.2	< 2	< 100	< 0.5	5.6
118480519	< 1	< 2	7	1200	48	< 0.5	16	94	3.8	3.53	5.9	< 0.5	< 5	1.7	19700	< 10	170	0.6	13.9	< 2	< 100	< 0.5	11.4
118480520	< 1	< 2	2	500	19	< 0.5	8	43	< 0.5	3.92	1.7	< 0.5	< 5	< 0.5	7000	< 10	30	0.1	4.4	< 2	< 100	< 0.5	4.8
118480521	< 1	< 2	4	100	74	< 0.5	6	38	< 0.5	1.78	< 0.5	< 0.5	< 5	16.8	2300	< 10	< 20	< 0.1	3.3	< 2	< 100	< 0.5	3.0
118480522	< 1	< 2	2	1100	22	< 0.5	16	102	3.3	5.57	4.1	< 0.5	< 5	1.4	22600	< 10	150	0.4	12.4	< 2	< 100	< 0.5	10.3
118480523	< 1	< 2	21	600	257	< 0.5	38	57	< 0.5	7.12	3.4	< 0.5	< 5	6.8	14400	90	30	< 0.1	8.5	< 2	< 100	< 0.5	5.3
118480524	< 1	< 2	4	500	43	< 0.5	11	44	1.3	2.39	0.7	< 0.5	< 5	4.0	4000	< 10	30	0.4	5.4	< 2	< 100	< 0.5	10.7

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	2	1	100	1	0.5	1	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480525	< 1	< 2	< 1	< 100	< 1	< 0.5	< 1	3	< 0.5	0.14	< 0.5	< 0.5	< 5	< 0.5	< 100	< 10	< 20	< 0.1	< 0.1	< 2	< 100	< 0.5	< 0.5
118480526	< 1	< 2	4	700	30	< 0.5	23	41	< 0.5	3.90	3.6	< 0.5	< 5	7.6	10600	< 10	30	0.2	5.3	< 2	< 100	< 0.5	4.6
118480527	< 1	< 2	6	300	55	< 0.5	16	32	< 0.5	2.80	1.1	< 0.5	< 5	< 0.5	2600	< 10	< 20	0.4	4.3	< 2	< 100	< 0.5	4.1
118480528	< 1	< 2	2	400	22	< 0.5	6	19	< 0.5	1.45	1.6	< 0.5	< 5	3.2	3700	< 10	< 20	0.1	3.0	< 2	< 100	1.4	3.5
118480529	< 1	< 2	7	< 100	75	< 0.5	19	56	< 0.5	4.99	1.4	< 0.5	< 5	< 0.5	6600	< 10	< 20	< 0.1	8.8	< 2	< 100	< 0.5	12.6
118480530	< 1	< 2	3	500	17	< 0.5	10	45	1.9	1.95	1.8	< 0.5	< 5	3.0	8600	< 10	60	0.2	5.2	< 2	< 100	< 0.5	5.6
118480531	< 1	< 2	2	400	14	0.9	11	30	2.1	7.91	2.7	< 0.5	< 5	4.2	7700	< 10	30	< 0.1	4.0	< 2	< 100	< 0.5	3.0
118480532	< 1	< 2	3	400	23	< 0.5	18	46	1.2	1.98	4.8	< 0.5	< 5	17.6	10800	< 10	< 20	< 0.1	5.6	< 2	< 100	< 0.5	8.2
118480533	< 1	< 2	6	700	21	< 0.5	77	54	< 0.5	11.5	3.8	< 0.5	< 5	17.0	15900	< 10	110	0.1	6.9	< 2	< 100	< 0.5	7.7
118480534	< 1	< 2	4	1000	11	< 0.5	15	68	0.6	6.18	9.6	< 0.5	< 5	1.5	20300	< 10	70	< 0.1	9.0	< 2	< 100	< 0.5	9.9
118480535	< 1	< 2	4	200	26	< 0.5	9	23	0.8	2.25	1.4	< 0.5	< 5	10.8	3900	< 10	< 20	0.4	3.0	< 2	< 100	< 0.5	3.4
118480536	< 1	< 2	< 1	< 100	39	< 0.5	11	30	< 0.5	2.59	2.3	< 0.5	< 5	6.3	10000	< 10	40	< 0.1	5.6	< 2	< 100	< 0.5	4.2
118480537	< 1	< 2	9	700	36	< 0.5	132	68	1.4	9.35	1.8	0.6	< 5	< 0.5	11300	< 10	70	0.6	10.2	< 2	< 100	< 0.5	10.4
118480538	< 1	< 2	3	200	31	< 0.5	6	25	< 0.5	2.02	0.6	< 0.5	< 5	5.1	2000	< 10	20	< 0.1	3.0	< 2	< 100	< 0.5	2.7
118480539	< 1	< 2	2	400	25	< 0.5	16	47	0.9	2.05	4.3	< 0.5	< 5	14.5	10800	< 10	< 20	< 0.1	5.8	< 2	< 100	< 0.5	8.8
118480540	< 1	< 2	3	600	30	1.1	15	48	0.9	2.03	4.6	< 0.5	< 5	2.8	12700	< 10	80	0.3	8.2	< 2	< 100	< 0.5	6.9
118480541	< 1	< 2	2	1100	79	< 0.5	24	54	0.6	4.39	5.7	< 0.5	< 5	3.7	19700	< 10	110	0.4	8.8	< 2	< 100	< 0.5	9.3
118480542	< 1	< 2	5	200	50	< 0.5	16	22	< 0.5	1.15	< 0.5	< 0.5	< 5	1.8	900	< 10	< 20	0.2	2.0	< 2	< 100	< 0.5	3.7
118480543	< 1	< 2	1	900	17	0.9	11	40	< 0.5	2.56	3.5	< 0.5	< 5	2.8	17900	160	70	0.1	6.8	< 2	< 100	< 0.5	5.3
118480544	< 1	< 2	7	800	26	< 0.5	17	82	1.5	3.15	5.4	< 0.5	< 5	3.7	16700	< 10	100	0.5	12.4	< 2	< 100	< 0.5	11.3
118480545	< 1	< 2	96	400	277	< 0.5	28	71	3.2	1.67	2.3	0.8	< 5	5.4	6800	< 10	30	2.9	10.5	< 2	< 100	< 0.5	9.8
118480546	< 1	< 2	3	500	26	< 0.5	18	53	1.3	2.21	5.3	< 0.5	< 5	17.1	11600	< 10	20	< 0.1	6.2	< 2	< 100	< 0.5	9.1
118480547	< 1	< 2	1	< 100	20	< 0.5	< 1	20	< 0.5	1.73	< 0.5	< 0.5	< 5	7.2	3200	< 10	< 20	0.1	2.5	< 2	< 100	< 0.5	3.8
118480548	< 1	< 2	3	< 100	25	< 0.5	2	13	< 0.5	2.93	< 0.5	< 0.5	< 5	13.5	2400	< 10	< 20	< 0.1	2.0	< 2	< 100	< 0.5	3.2
118480549	8	< 2	4	< 100	50	< 0.5	14	18	< 0.5	1.79	< 0.5	< 0.5	< 5	< 0.5	2100	< 10	< 20	0.6	6.4	< 2	< 100	< 0.5	3.7
118480550	< 1	< 2	9	700	58	< 0.5	18	69	< 0.5	5.93	3.6	< 0.5	< 5	24.3	13200	< 10	< 20	0.6	9.3	< 2	< 100	< 0.5	10.7
118480551	< 1	< 2	3	700	18	< 0.5	11	46	0.6	2.07	8.9	< 0.5	< 5	< 0.5	19300	< 10	30	0.2	8.2	< 2	100	< 0.5	8.8
118480552	2	< 2	2	500	64	< 0.5	18	52	1.7	2.60	2.9	< 0.5	< 5	4.7	9300	< 10	60	0.2	5.8	< 2	< 100	< 0.5	5.6
118480553	< 1	< 2	12	500	49	< 0.5	22	53	2.1	4.14	2.2	< 0.5	< 5	9.0	7500	< 10	70	0.8	7.1	< 2	< 100	< 0.5	9.1

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480399	22.0	< 1	< 20	69.3	114	89	8.6	1.5	0.9	2.6	0.6	15.9
118480400	4.3	< 1	120	42.2	56	48	4.8	0.7	< 0.2	1.6	0.3	15.2
118480401	3.3	< 1	< 20	27.8	37	37	3.5	0.6	0.3	1.3	0.2	15.5
118480402	6.9	< 1	210	28.5	40	26	3.1	0.7	< 0.2	1.0	0.2	12.0
118480403	6.3	< 1	180	80.1	93	69	9.4	2.4	< 0.2	2.3	0.3	15.8
118480404	5.5	< 1	230	30.7	55	33	3.4	0.8	< 0.2	1.1	0.2	15.1
118480405	0.6	< 1	90	30.9	59	39	4.0	0.6	< 0.2	1.1	0.1	15.9
118480406	22.3	< 1	100	74.1	125	89	9.0	2.1	1.5	2.7	0.6	15.8
118480407	4.1	< 1	140	24.5	39	24	3.5	0.8	< 0.2	1.3	0.2	16.0
118480408	3.1	< 1	< 20	44.9	68	44	5.6	1.2	0.7	1.7	0.2	15.5
118480409	1.5	< 1	130	31.6	57	45	4.3	0.9	< 0.2	1.7	0.2	11.8
118480410	4.3	< 1	370	65.1	119	58	7.7	1.6	< 0.2	2.2	0.3	15.9
118480411	6.5	< 1	560	71.4	120	74	9.1	2.0	< 0.2	3.0	0.5	15.7
118480412	7.9	< 1	150	38.8	33	59	6.3	1.5	0.3	2.5	0.4	15.5
118480413	23.5	< 1	110	77.0	130	99	9.6	1.8	< 0.2	2.8	0.7	15.6
118480414	3.6	< 1	190	49.7	80	51	5.7	0.9	< 0.2	2.5	0.2	15.6
118480415	6.9	< 1	< 20	26.5	41	32	4.5	0.8	< 0.2	1.5	0.3	15.7
118480416	6.1	< 1	90	39.5	71	43	5.6	1.1	0.3	1.7	0.3	16.0
118480417	3.6	< 1	250	23.3	35	31	3.1	0.8	< 0.2	1.0	0.1	15.9
118480418	6.3	< 1	660	36.9	14	53	3.2	0.6	0.3	0.5	0.1	15.8
118480419	3.8	< 1	90	30.9	37	29	3.5	0.8	< 0.2	1.1	0.1	15.8
118480420	< 0.1	< 1	< 20	0.4	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	16.0
118480421	2.0	< 1	400	69.4	123	82	8.3	1.5	0.6	2.6	0.4	15.7
118480422	3.0	< 1	210	62.4	101	76	7.9	1.5	0.9	2.6	0.3	16.0
118480423	2.9	< 1	60	15.6	17	22	2.0	0.6	0.3	0.8	0.2	12.7
118480424	1.5	< 1	160	44.8	86	42	5.8	1.1	< 0.2	1.5	0.1	15.9
118480425	5.4	< 1	560	37.5	55	44	4.1	0.8	0.3	0.9	0.2	16.0
118480426	5.5	< 1	300	84.6	92	107	10.5	2.3	1.3	2.7	0.4	15.4
118480427	23.5	< 1	< 20	73.0	126	82	8.9	1.8	0.9	2.8	0.6	15.9
118480428	5.3	< 1	210	74.4	119	65	8.6	1.6	< 0.2	2.3	0.3	15.6
118480429	5.5	< 1	1850	67.9	88	57	5.3	1.1	0.5	1.5	0.3	15.7
118480430	1.2	< 1	110	50.4	75	47	4.8	0.8	0.5	1.6	0.2	15.7
118480431	3.2	< 1	60	23.6	36	26	3.3	0.5	< 0.2	1.0	0.1	15.6
118480432	3.8	< 1	280	58.8	93	50	7.5	1.1	0.6	2.0	0.3	15.7
118480433	6.5	< 1	60	22.8	36	25	2.9	0.9	< 0.2	0.9	0.2	15.6
118480434	20.5	< 1	60	72.9	125	76	8.6	1.6	0.8	2.1	0.6	15.6
118480435	3.7	< 1	320	63.7	112	46	7.5	1.4	< 0.2	1.7	0.3	15.9
118480436	4.1	< 1	200	29.4	44	35	3.5	0.7	< 0.2	1.0	0.1	15.9
118480437	2.3	< 1	250	34.6	56	39	4.4	0.7	< 0.2	1.5	0.2	12.1
118480438	1.3	< 1	100	25.0	31	37	3.2	0.6	< 0.2	1.0	0.1	12.1
118480439	6.3	2	130	76.9	106	76	9.4	1.8	0.9	2.5	0.4	15.9
118480440	2.2	< 1	70	13.5	19	17	1.8	0.3	< 0.2	0.8	0.1	12.1

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480441	22.3	< 1	110	75.8	125	96	10.3	2.0	1.5	2.5	0.6	15.9
118480442	4.6	< 1	320	94.0	112	92	11.2	1.9	< 0.2	3.0	0.4	15.7
118480443	6.3	< 1	40	50.3	61	61	7.2	1.4	< 0.2	1.5	0.3	15.0
118480444	5.7	< 1	140	29.4	41	31	3.4	0.8	< 0.2	1.0	0.2	15.9
118480445	2.7	< 1	560	89.5	140	78	9.4	1.7	< 0.2	2.9	0.3	16.0
118480446	5.0	4	100	2.2	7	< 3	0.4	< 0.2	< 0.2	< 0.1	< 0.1	0.927
118480447	2.3	< 1	160	61.2	102	56	8.1	1.4	< 0.2	2.0	0.2	15.6
118480448	13.3	< 1	340	46.8	78	62	9.3	1.9	0.9	4.3	0.6	15.9
118480449	5.7	< 1	90	21.6	33	37	2.5	0.6	0.4	0.7	0.1	15.5
118480450	4.7	< 1	80	18.0	30	20	2.3	0.4	< 0.2	0.8	0.2	12.0
118480451	0.8	< 1	170	34.0	54	38	5.3	1.1	< 0.2	1.6	0.2	14.6
118480452	3.3	< 1	250	66.4	119	58	9.0	1.3	< 0.2	2.2	0.2	15.4
118480453	8.7	< 1	< 20	52.8	72	73	6.3	1.2	< 0.2	1.4	0.3	12.6
118480454	8.2	< 1	70	38.0	64	40	5.3	1.1	< 0.2	1.3	0.3	15.4
118480455	< 0.1	< 1	< 20	0.3	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.9
118480456	1.4	< 1	60	16.8	19	24	2.5	0.6	< 0.2	0.8	0.1	15.9
118480457	2.3	< 1	70	8.4	13	22	1.0	< 0.2	< 0.2	0.4	< 0.1	15.4
118480458	5.6	< 1	90	28.3	39	36	3.9	0.7	< 0.2	1.2	0.2	15.6
118480459	3.6	< 1	220	58.7	73	59	7.7	1.2	< 0.2	2.4	0.3	15.7
118480460	11.4	< 1	80	57.5	80	74	7.8	1.5	< 0.2	2.0	0.4	12.2
118480461	3.2	< 1	140	51.8	88	44	6.8	1.1	< 0.2	1.9	0.2	15.4
118480462	21.9	< 1	< 20	64.9	102	97	9.2	1.8	1.0	2.9	0.6	15.9
118480463	4.5	< 1	60	59.9	92	60	9.0	1.8	< 0.2	2.9	0.4	15.8
118480464	7.3	< 1	110	15.3	19	24	1.9	0.5	< 0.2	0.7	0.2	15.6
118480465	9.5	< 1	220	42.5	58	41	5.7	1.4	< 0.2	1.9	0.3	15.8
118480466	6.8	< 1	100	28.5	45	37	4.1	1.2	< 0.2	1.5	0.3	15.3
118480467	2.7	< 1	90	10.3	12	22	1.5	0.3	< 0.2	0.7	0.1	15.7
118480468	2.8	< 1	40	23.0	35	28	3.6	0.8	0.3	1.3	0.1	15.9
118480469	22.5	< 1	50	67.6	107	76	9.7	1.9	0.9	2.7	0.6	16.0
118480470	2.2	< 1	150	38.3	67	48	6.0	1.1	0.4	2.2	0.3	15.8
118480471	4.7	< 1	130	24.3	40	35	4.3	1.1	0.6	1.3	0.2	13.1
118480472	4.4	< 1	260	39.1	51	51	5.1	1.2	< 0.2	1.5	0.2	15.9
118480473	4.3	< 1	100	45.6	73	49	6.5	1.4	< 0.2	2.1	0.3	12.0
118480474	3.0	< 1	160	41.4	63	44	5.8	1.1	0.4	1.4	0.2	15.6
118480475	2.9	< 1	130	56.8	99	72	7.7	1.6	< 0.2	2.2	0.3	15.3
118480476	23.2	< 1	< 20	68.0	110	88	9.7	2.1	0.8	2.7	0.7	15.7
118480477	4.5	< 1	40	66.8	103	86	9.8	1.8	< 0.2	2.3	0.3	15.5
118480478	9.2	< 1	90	54.5	86	62	7.0	1.7	< 0.2	2.1	0.3	15.7
118480479	2.8	< 1	< 20	41.0	62	54	6.0	1.3	< 0.2	1.5	0.2	15.5
118480480	5.5	< 1	110	15.0	19	20	2.1	0.4	< 0.2	0.6	0.1	15.9
118480481	2.1	< 1	< 20	28.3	46	28	4.1	0.8	< 0.2	1.1	0.1	15.9
118480482	11.7	< 1	50	22.3	31	37	2.9	0.6	< 0.2	0.8	0.2	13.1

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480483	24.7	< 1	< 20	65.9	107	77	9.7	1.9	1.1	2.7	0.6	15.9
118480484	5.1	< 1	160	32.4	52	32	4.9	1.1	< 0.2	1.6	0.3	15.7
118480485	0.8	< 1	60	14.8	23	22	2.3	0.5	< 0.2	0.9	< 0.1	15.3
118480486	4.9	< 1	50	16.3	25	28	3.0	0.8	< 0.2	1.1	0.2	13.1
118480487	2.3	< 1	110	40.8	70	41	4.8	1.0	< 0.2	1.5	0.2	15.9
118480488	6.8	< 1	110	20.9	26	29	2.3	0.4	< 0.2	0.7	0.2	15.6
118480489	6.8	< 1	140	61.0	91	53	7.1	1.3	< 0.2	2.1	0.3	15.7
118480490	< 0.1	< 1	< 20	0.3	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.9
118480491	1.6	< 1	210	50.5	74	69	7.0	1.5	< 0.2	2.3	0.3	15.8
118480492	4.6	< 1	180	19.6	26	27	2.9	0.8	< 0.2	1.2	0.2	16.0
118480493	2.6	< 1	50	12.0	15	14	1.3	0.3	< 0.2	0.4	< 0.1	15.5
118480494	2.5	< 1	310	59.5	94	58	7.0	1.3	0.4	1.8	0.3	15.8
118480495	7.3	< 1	< 20	40.6	64	42	5.5	1.4	< 0.2	1.9	0.4	15.8
118480496	5.8	< 1	230	47.4	73	49	6.2	1.5	< 0.2	1.9	0.3	15.9
118480497	25.1	< 1	< 20	78.4	126	77	9.6	1.6	1.1	3.0	0.6	15.9
118480498	11.1	< 1	60	26.1	28	40	3.0	0.8	0.3	0.6	0.2	15.7
118480499	8.9	< 1	130	31.3	43	72	3.7	0.7	< 0.2	1.3	0.2	15.8
118480500	2.0	< 1	60	8.4	11	11	1.4	0.3	< 0.2	0.6	< 0.1	15.4
118480501	8.7	< 1	90	24.1	30	48	3.9	0.9	< 0.2	1.0	0.2	13.1
118480502	2.9	< 1	380	65.0	104	76	8.7	1.5	0.8	2.8	0.4	15.8
118480503	5.1	< 1	100	24.6	34	31	3.3	0.8	< 0.2	1.1	0.2	15.5
118480504	25.9	< 1	< 20	81.7	134	100	9.8	2.2	1.0	3.0	0.7	15.8
118480505	5.5	< 1	140	54.0	52	53	5.6	1.3	< 0.2	1.8	0.3	15.7
118480506	4.3	< 1	100	30.0	51	40	3.9	0.9	< 0.2	1.3	0.1	12.0
118480507	4.3	< 1	270	49.0	81	51	5.9	1.5	< 0.2	2.3	0.3	15.6
118480508	4.5	< 1	210	25.0	41	26	3.3	0.7	0.4	1.1	0.2	15.7
118480509	4.3	< 1	470	39.4	59	41	4.7	1.3	< 0.2	1.4	0.3	15.8
118480510	10.4	< 1	200	69.9	95	77	5.7	1.2	< 0.2	1.3	0.2	11.9
118480511	25.4	< 1	< 20	79.8	131	83	9.6	1.8	1.9	3.2	0.6	15.5
118480512	7.1	< 1	130	50.3	75	57	5.5	1.2	< 0.2	1.9	0.3	15.6
118480513	2.5	< 1	810	28.7	35	32	3.1	0.5	0.3	0.7	0.1	15.3
118480514	7.3	< 1	440	80.3	140	97	12.2	3.3	1.1	4.0	0.4	15.5
118480515	5.2	< 1	140	33.9	37	51	4.7	1.2	< 0.2	1.8	0.2	15.6
118480516	3.2	< 1	70	64.8	117	98	9.8	1.7	< 0.2	2.5	0.3	15.9
118480517	6.4	< 1	50	27.6	57	30	4.2	0.9	< 0.2	1.2	0.2	15.9
118480518	40.8	< 1	210	30.3	60	46	5.0	1.6	0.8	2.6	0.8	15.4
118480519	4.8	< 1	240	76.0	117	93	11.9	2.9	0.9	3.0	0.4	15.8
118480520	1.5	< 1	< 20	15.1	25	17	2.2	0.4	< 0.2	0.8	< 0.1	12.1
118480521	16.9	< 1	60	14.0	28	29	2.6	0.2	< 0.2	0.9	0.2	12.1
118480522	2.5	< 1	180	40.3	75	39	5.6	1.1	< 0.2	1.7	0.2	15.8
118480523	7.7	< 1	510	39.3	72	28	5.5	1.6	< 0.2	1.8	0.3	15.9
118480524	5.8	< 1	110	49.9	81	55	5.9	1.1	< 0.2	1.6	0.2	15.7

Analyte Symbol	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	0.1	1	20	0.1	1	3	0.1	0.2	0.2	0.1	0.1	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
118480525	< 0.1	< 1	< 20	0.2	< 1	< 3	< 0.1	< 0.2	< 0.2	< 0.1	< 0.1	15.7
118480526	3.1	< 1	380	30.6	56	29	3.8	0.8	< 0.2	1.2	0.2	14.1
118480527	0.8	< 1	90	27.6	45	33	4.0	0.9	0.4	1.1	0.1	13.7
118480528	3.6	< 1	110	14.9	24	10	1.6	< 0.2	< 0.2	0.7	< 0.1	0.814
118480529	4.8	< 1	40	70.3	111	80	9.5	1.0	< 0.2	2.5	0.3	0.860
118480530	2.2	< 1	20	19.4	34	23	2.4	0.4	< 0.2	0.6	< 0.1	14.6
118480531	3.3	< 1	130	17.8	32	18	2.4	0.7	< 0.2	0.8	0.1	13.8
118480532	19.7	< 1	< 20	56.2	111	59	7.3	1.4	1.3	2.3	0.5	14.7
118480533	6.1	< 1	220	47.8	89	43	5.5	1.6	0.4	1.5	0.3	13.5
118480534	2.1	< 1	< 20	35.5	74	33	4.8	0.9	< 0.2	1.2	0.2	15.7
118480535	5.4	< 1	80	19.0	30	30	2.6	0.7	< 0.2	0.8	0.1	12.7
118480536	3.8	< 1	60	26.1	33	33	3.2	< 0.2	< 0.2	1.2	0.2	1.11
118480537	1.9	< 1	230	77.0	158	84	10.9	2.2	0.7	3.2	0.4	13.8
118480538	4.4	< 1	< 20	13.5	23	16	2.0	0.4	< 0.2	0.4	< 0.1	14.7
118480539	20.2	< 1	< 20	59.5	115	66	7.6	1.6	1.4	2.2	0.5	15.7
118480540	2.8	< 1	20	41.3	69	40	5.8	1.5	0.6	1.8	0.2	14.3
118480541	7.5	< 1	60	38.4	60	32	4.7	1.0	< 0.2	1.2	0.2	14.1
118480542	1.0	< 1	80	16.2	32	27	2.5	0.6	< 0.2	0.9	< 0.1	14.2
118480543	5.3	< 1	< 20	24.6	46	32	3.5	0.8	< 0.2	1.0	0.1	13.8
118480544	3.1	< 1	160	59.2	100	72	8.7	1.6	< 0.2	2.4	0.4	14.8
118480545	7.1	< 1	140	84.3	91	92	11.2	2.6	0.8	2.7	0.4	13.9
118480546	22.3	< 1	< 20	62.4	118	59	8.3	1.4	1.1	2.4	0.5	15.4
118480547	3.3	< 1	< 20	14.5	22	25	1.8	0.3	< 0.2	0.5	< 0.1	0.625
118480548	5.7	< 1	40	12.1	17	11	1.5	< 0.2	< 0.2	< 0.1	< 0.1	0.755
118480549	1.6	< 1	< 20	16.8	23	30	2.3	0.5	< 0.2	1.4	0.2	0.867
118480550	3.4	< 1	< 20	40.8	72	50	4.9	0.8	< 0.2	1.7	0.1	0.680
118480551	2.8	< 1	40	50.3	79	46	6.7	1.4	< 0.2	1.9	0.2	14.5
118480552	4.2	< 1	130	44.3	58	48	5.6	1.2	< 0.2	1.3	0.2	14.2
118480553	4.6	< 1	110	32.0	61	36	4.0	0.8	< 0.2	1.6	0.2	14.6

Analyte Symbol	Au	Br	Ca	Co	Fe	Na	Sb	Sc	Zn	La	Ce	Sm	Ag	As	Ba	Cr	Cs	Hf	Hg	Ir	Mo	Ni	Rb
Unit Symbol	ppb	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
Lower Limit	1	1	0.5	1	0.05	100	0.1	0.1	20	0.1	1	0.1	2	1	100	1	0.5	0.5	0.5	5	0.5	10	20
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
LKSD-2 Meas	3	19		18	4.42		1.1	12.6	200	70.7	113	10.5	< 2	12	800	60	2.9	6.7			4.0	< 10	< 20
LKSD-2 Cert	3.00	18.0		17.0	4.30		1.10	13.0	209	68.0	108	11.0	0.800	11.0	780	57.0	3.00	7.00			2.00	26.0	85.0
LKSD-2 Meas	< 1	19		18	4.38		1.1	12.4	220	67.5	109	10.5	< 2	10	800	59	3.1	7.3			2.1	< 10	< 20
LKSD-2 Cert	3.00	18.0		17.0	4.30		1.10	13.0	209	68.0	108	11.0	0.800	11.0	780	57.0	3.00	7.00			2.00	26.0	85.0
L-STD-5 Meas	2	6	3.8	< 1	0.10	300	0.2	0.2	30	0.8	1	0.1											
L-STD-5 Cert	2.00	5.60	3.67	0.600	0.110	365	0.160	0.240	32.0	0.800	1.41	0.130											
L-STD-6B Meas	22	6	3.8	< 1	0.08	300	0.2	0.2	30	0.6	2	0.1											
L-STD-6B Cert	20.0	5.60	3.67	0.600	0.110	365	0.160	0.240	32.0	0.800	1.41	0.130											
Method Blank	< 1	< 1	< 0.5	< 1	< 0.05	< 100	< 0.1	< 0.1	< 20	< 0.1	< 1	< 0.1	< 2	< 1	< 100	< 1	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 10	< 20
Method Blank	< 1	< 1	< 0.5	< 1	< 0.05	< 100	< 0.1	< 0.1	< 20	< 0.1	< 1	< 0.1	< 2	< 1	< 100	< 1	< 0.5	< 0.5	< 0.5	< 5	< 0.5	< 10	< 20

Analyte Symbol	Se	Sr	Ta	Th	U	W	Nd	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Lower Limit	2	100	0.5	0.5	0.1	1	3	0.2	0.2	0.1	0.1	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
LKSD-2 Meas		< 100	< 0.5	12.8	8.0	< 1	61	2.0	< 0.2	3.8	0.6	
LKSD-2 Cert		220	0.800	13.4	7.60	2.00	58.0	1.90	1.40	4.00	0.600	
LKSD-2 Meas		< 100	< 0.5	12.8	7.2	< 1	61	1.8	< 0.2	4.0	0.6	
LKSD-2 Cert		220	0.800	13.4	7.60	2.00	58.0	1.90	1.40	4.00	0.600	
L-STD-5 Meas												
L-STD-5 Cert												
L-STD-6B Meas												
L-STD-6B Cert												
Method Blank	< 2	< 100	< 0.5	< 0.5	< 0.1	< 1	< 3	< 0.2	< 0.2	< 0.1	< 0.1	1.00
Method Blank	< 2	< 100	< 0.5	< 0.5	< 0.1	< 1	< 3	< 0.2	< 0.2	< 0.1	< 0.1	1.00

Quality Analysis ... *Innovative Technologies*

Date Submitted: 30-Nov-17
Invoice No.: A17-13639-UT1-ReAssay
Invoice Date: 04-Apr-18
Your Reference: 1184 batch #3

IOS Services Geoscientifiques Inc.
1319 Boul, St. Paul
Chicoutimi PQ G7J-3Y2
Canada

ATTN: Rejean Girard

CERTIFICATE OF ANALYSIS

155 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A17-13639-UT1-ReAssay**

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Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is only semi-quantitative. For accurate Au data, fire assay is recommended.

CERTIFIED BY:



Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480399	0.064	< 1	0.079	8.4	0.6	4	0.045	0.23	1.14	0.11	0.11	0.38	2.4	31	28	252	1.58	9.3	17.5	24.5	56.8	3.01	< 0.1
118480400	0.091	1	0.054	14.3	0.4	8	0.053	0.48	1.30	0.21	0.05	0.87	4.4	33	34	187	1.91	7.7	23.1	41.6	130	3.52	< 0.1
118480401	0.022	1	0.059	7.7	0.2	5	0.041	0.19	0.67	0.08	0.04	0.62	1.6	13	18	159	0.77	4.5	16.0	25.1	48.4	1.46	< 0.1
118480402	0.034	3	0.043	5.0	0.2	7	0.028	0.30	0.65	0.05	0.04	0.91	2.0	16	16	298	2.35	11.0	32.6	33.4	178	1.11	< 0.1
118480403	0.038	< 1	0.284	18.7	0.7	8	0.029	0.42	1.62	0.16	0.10	0.38	4.2	32	37	> 10000	8.88	18.7	56.8	118	170	3.38	< 0.1
118480404	0.049	1	0.049	9.9	0.4	7	0.054	0.29	1.24	0.18	0.06	0.57	2.5	29	24	362	2.97	14.7	25.9	37.5	159	2.86	< 0.1
118480405	0.040	< 1	0.122	12.5	0.3	6	0.034	0.37	1.30	0.13	0.06	0.55	1.7	33	38	250	2.07	11.5	23.9	25.7	82.6	3.18	< 0.1
118480406	0.066	< 1	0.080	7.9	0.5	4	0.042	0.22	1.14	0.11	0.10	0.36	2.2	30	27	246	1.53	8.8	16.5	23.6	55.3	2.98	< 0.1
118480407	0.029	2	0.038	6.0	0.2	6	0.025	0.19	0.50	0.07	0.04	0.62	2.3	16	16	228	1.75	6.3	12.9	24.8	77.2	1.36	< 0.1
118480408	0.051	< 1	0.048	13.6	0.3	9	0.031	0.30	0.76	0.06	0.05	0.41	2.4	22	24	142	1.38	6.2	21.6	38.1	63.0	2.29	< 0.1
118480409	0.013	< 1	0.076	1.6	0.3	6	0.021	0.05	1.38	0.03	0.04	0.66	1.4	29	18	438	5.14	47.6	20.5	109	86.8	1.38	< 0.1
118480410	0.119	< 1	0.229	24.1	0.7	8	0.057	0.65	1.96	0.29	0.11	0.62	5.2	52	40	2850	5.13	17.7	37.0	49.4	192	5.88	< 0.1
118480411	0.036	3	0.054	5.5	0.6	4	0.029	0.16	2.66	0.09	0.03	0.21	5.8	17	30	164	7.39	39.7	85.0	150	368	2.38	< 0.1
118480412	0.011	2	0.059	3.3	0.3	5	0.029	0.11	0.88	0.06	0.04	0.44	3.8	14	23	576	2.30	14.7	32.4	275	110	0.90	< 0.1
118480413	0.066	< 1	0.083	8.5	0.6	6	0.044	0.24	1.17	0.12	0.11	0.38	2.5	31	29	258	1.59	9.3	17.3	24.0	58.4	3.03	< 0.1
118480414	0.081	< 1	0.114	13.5	0.5	7	0.042	0.45	1.42	0.17	0.07	0.72	3.6	39	32	375	2.32	8.8	27.6	78.4	152	3.76	< 0.1
118480415	0.054	1	0.048	7.5	0.1	6	0.039	0.32	0.59	0.08	0.05	0.62	2.9	20	27	159	1.40	4.9	21.8	25.1	72.4	1.66	< 0.1
118480416	0.088	2	0.068	13.5	0.3	8	0.056	0.44	0.79	0.10	0.06	0.77	3.7	27	30	289	2.07	6.0	21.8	25.1	45.8	2.45	< 0.1
118480417	0.035	5	0.043	6.5	0.1	8	0.038	0.28	0.47	0.06	0.03	0.67	2.0	14	18	245	3.84	7.5	39.4	62.6	203	1.21	< 0.1
118480418	0.007	2	0.022	1.1	0.1	6	0.023	0.11	0.21	0.03	0.02	0.65	0.8	6	7	500	0.98	1.2	46.8	20.8	477	0.42	< 0.1
118480419	0.028	< 1	0.060	5.2	0.3	8	0.037	0.15	1.04	0.08	0.03	0.50	1.7	17	15	179	2.45	15.3	23.8	39.2	87.9	1.52	< 0.1
118480420	< 0.001	< 1	0.002	0.1	< 0.1	2	0.013	< 0.01	0.01	0.01	< 0.02	0.01	0.3	2	4	92	0.14	0.2	2.1	4.6	1.8	0.24	0.1
118480421	0.079	< 1	0.196	16.5	0.8	8	0.055	0.47	2.09	0.28	0.08	0.31	4.6	38	36	3800	7.70	33.2	50.0	60.0	274	4.83	< 0.1
118480422	0.045	< 1	0.050	9.0	0.4	6	0.036	0.27	1.20	0.13	0.05	0.39	2.3	25	23	254	1.40	9.0	27.5	60.4	132	2.63	< 0.1
118480423	0.008	1	0.036	1.8	0.1	6	0.030	0.06	0.30	0.04	0.02	0.65	1.1	6	12	53	0.23	2.4	35.6	76.7	43.0	0.65	< 0.1
118480424	0.104	< 1	0.205	14.7	0.5	8	0.041	0.53	1.32	0.22	0.08	0.48	4.4	43	32	3240	4.76	12.1	22.4	31.9	82.9	4.26	< 0.1
118480425	0.017	5	0.035	3.5	0.2	5	0.027	0.15	0.50	0.05	0.03	0.46	1.5	13	11	239	4.36	13.6	45.1	54.5	356	0.89	< 0.1
118480426	0.070	2	0.043	13.9	0.6	7	0.035	0.40	1.11	0.17	0.05	0.44	4.4	28	28	179	2.51	9.1	41.4	52.4	202	2.82	< 0.1
118480427	0.062	< 1	0.079	7.9	0.5	3	0.040	0.23	1.07	0.11	0.10	0.36	2.4	29	27	245	1.48	9.1	16.5	22.8	55.2	2.91	< 0.1
118480428	0.037	< 1	0.278	9.2	0.6	5	0.036	0.23	1.81	0.09	0.09	0.41	2.2	38	37	5940	4.59	12.4	26.9	49.8	144	3.12	< 0.1
118480429	0.014	3	0.038	6.7	0.9	7	0.028	0.15	2.36	0.04	0.02	0.55	1.5	10	12	307	2.00	37.6	142	55.0	1750	0.77	< 0.1
118480430	0.065	2	0.065	11.3	0.8	6	0.039	0.34	1.38	0.16	0.07	0.44	2.8	32	26	545	2.95	24.5	60.6	30.4	124	3.18	< 0.1
118480431	0.052	1	0.048	8.1	0.2	7	0.049	0.28	0.54	0.08	0.03	0.57	2.7	18	21	154	1.20	4.7	19.5	24.2	37.9	1.78	< 0.1
118480432	0.090	< 1	0.215	18.9	0.7	7	0.040	0.57	1.80	0.27	0.09	0.45	4.5	43	37	3600	6.27	21.7	37.8	59.6	163	4.57	< 0.1
118480433	0.034	1	0.049	6.8	0.2	8	0.049	0.26	0.57	0.07	0.04	0.76	2.1	15	20	130	1.05	5.1	20.5	37.0	56.2	1.48	< 0.1
118480434	0.064	< 1	0.084	8.6	0.5	4	0.041	0.22	1.16	0.12	0.11	0.39	2.3	32	29	255	1.58	9.7	17.3	23.3	57.9	3.16	< 0.1
118480435	0.129	< 1	0.241	23.2	0.7	9	0.080	0.68	2.00	0.37	0.11	0.60	5.6	56	42	> 10000	6.21	18.1	48.4	55.0	251	7.30	< 0.1
118480436	0.020	3	0.051	4.5	0.2	8	0.032	0.17	0.60	0.06	0.03	0.81	1.8	15	14	263	2.22	7.6	40.9	44.8	187	0.94	< 0.1
118480437	0.047	1	0.050	6.9	0.3	6	0.032	0.23	0.90	0.10	0.05	0.88	2.7	28	22	542	2.36	12.4	28.7	61.6	181	2.14	< 0.1
118480438	0.028	2	0.040	3.6	0.2	5	0.030	0.12	0.56	0.07	0.04	1.13	2.2	14	14	89	1.42	6.9	28.4	94.8	89.2	1.22	< 0.1
118480439	0.030	< 1	0.491	11.2	0.7	6	0.041	0.26	1.89	0.12	0.11	0.66	2.0	44	43	1140	4.33	7.7	26.9	72.2	157	3.51	< 0.1
118480440	0.011	2	0.024	2.6	0.1	5	0.023	0.09	0.32	0.05	0.02	0.45	1.7	8	11	104	1.21	2.4	12.4	24.5	39.0	0.77	< 0.1

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480441	0.060	< 1	0.082	8.1	0.5	3	0.040	0.22	1.12	0.11	0.10	0.37	2.3	30	28	247	1.51	9.3	16.6	23.0	56.6	3.05	< 0.1
118480442	0.097	< 1	0.034	20.9	0.6	8	0.064	0.61	1.57	0.30	0.06	0.53	5.8	33	36	245	1.92	10.8	44.2	89.9	203	4.39	< 0.1
118480443	0.013	< 1	0.029	2.6	0.1	4	0.038	0.07	0.35	0.04	0.02	0.47	1.6	6	15	72	0.27	2.7	20.4	41.9	54.1	0.69	< 0.1
118480444	0.034	2	0.053	8.5	0.2	8	0.036	0.42	0.69	0.10	0.05	0.71	2.1	15	17	208	2.02	8.2	31.6	55.7	105	1.50	< 0.1
118480445	0.030	5	0.053	4.4	0.6	4	0.021	0.14	2.31	0.07	0.03	0.22	4.5	15	22	307	15.1	72.1	104	121	463	1.59	< 0.1
118480446	0.005	4	0.030	0.6	< 0.1	8	0.021	0.05	0.17	0.02	0.02	1.67	1.0	7	8	582	2.15	4.9	34.5	43.3	106	0.39	0.1
118480447	0.067	< 1	0.067	12.8	0.5	6	0.042	0.38	1.52	0.16	0.06	0.45	3.0	34	29	340	2.13	9.6	25.9	33.8	136	3.59	< 0.1
118480448	0.063	< 1	0.142	21.6	1.1	11	0.068	0.78	1.81	0.19	1.07	1.34	3.7	70	35	2210	3.21	13.4	28.5	34.9	189	5.34	< 0.1
118480449	0.025	2	0.035	3.6	0.1	6	0.033	0.19	0.40	0.05	0.03	0.61	1.6	12	12	84	1.41	3.2	19.1	32.8	72.9	1.00	< 0.1
118480450	0.012	2	0.026	3.5	0.2	6	0.026	0.10	0.30	0.05	0.03	0.57	1.6	9	12	189	1.74	2.6	13.5	26.8	49.5	0.76	< 0.1
118480451	0.019	< 1	0.069	3.8	0.3	6	0.027	0.19	1.22	0.04	0.04	0.45	1.6	19	21	265	2.99	14.3	23.0	51.8	106	1.47	< 0.1
118480452	0.138	< 1	0.087	22.7	0.8	7	0.058	0.76	2.14	0.32	0.09	0.50	5.6	57	46	561	3.24	14.4	35.2	52.3	140	6.63	< 0.1
118480453	0.052	< 1	0.068	8.6	0.3	11	0.053	0.39	0.94	0.12	0.05	1.21	3.0	24	24	292	1.17	6.0	20.1	37.1	91.7	2.10	< 0.1
118480454	0.061	< 1	0.084	9.0	0.3	10	0.050	0.37	0.82	0.10	0.06	0.88	3.0	26	30	235	1.43	6.2	21.3	32.1	70.7	2.29	< 0.1
118480455	< 0.001	< 1	0.002	0.1	< 0.1	1	0.011	< 0.01	0.01	0.01	< 0.02	0.01	0.3	2	4	87	0.13	0.2	1.3	4.3	1.9	0.22	0.1
118480456	0.007	2	0.029	0.8	0.1	6	0.025	0.07	0.27	0.03	0.02	0.72	1.2	7	8	452	1.75	3.1	17.4	27.9	45.5	0.41	< 0.1
118480457	0.007	1	0.041	1.0	0.1	6	0.023	0.14	0.23	0.03	0.02	1.66	1.0	7	8	146	0.48	1.4	7.6	20.9	46.3	0.56	< 0.1
118480458	0.043	1	0.081	7.5	0.2	7	0.043	0.32	0.77	0.09	0.05	0.71	2.2	20	21	236	1.49	7.9	21.8	36.1	129	1.78	< 0.1
118480459	0.084	< 1	0.078	14.3	0.6	8	0.049	0.48	1.44	0.21	0.06	0.49	3.8	35	32	348	2.63	16.9	43.9	53.6	217	3.81	< 0.1
118480460	0.030	3	0.039	8.3	0.3	11	0.044	0.19	1.02	0.07	0.04	0.55	2.3	17	26	261	2.34	7.9	23.7	33.0	84.1	1.34	< 0.1
118480461	0.149	< 1	0.147	20.7	0.7	7	0.074	0.74	1.92	0.30	0.10	0.51	6.0	60	46	1590	5.44	17.6	31.1	46.9	127	6.30	< 0.1
118480462	0.060	< 1	0.076	8.0	0.5	4	0.042	0.21	1.12	0.11	0.10	0.37	2.3	29	27	236	1.47	8.2	16.3	22.2	55.5	2.98	< 0.1
118480463	0.125	< 1	0.153	20.8	0.8	8	0.051	0.70	1.90	0.33	0.09	0.51	5.9	50	42	3100	4.82	17.8	36.2	60.6	138	5.61	< 0.1
118480464	0.021	2	0.039	3.3	0.1	11	0.031	0.17	0.38	0.05	0.03	0.80	1.4	10	14	345	2.61	2.6	10.6	16.8	107	0.86	< 0.1
118480465	0.095	< 1	0.117	24.5	0.5	6	0.046	1.31	1.79	0.18	0.10	0.70	3.9	41	38	594	2.77	8.7	24.6	45.5	139	4.96	< 0.1
118480466	0.050	< 1	0.251	8.5	0.3	5	0.033	0.36	0.73	0.11	0.05	0.63	2.4	26	20	> 10000	4.68	8.6	19.8	21.8	96.3	4.15	< 0.1
118480467	0.006	1	0.036	0.5	0.1	5	0.025	0.03	0.22	0.02	0.02	0.93	1.8	5	9	88	0.56	3.2	24.7	62.6	86.1	0.47	< 0.1
118480468	0.058	2	0.060	8.8	0.1	21	0.044	0.47	0.75	0.13	0.03	1.18	2.9	18	30	115	1.43	5.3	28.0	24.3	58.8	1.78	< 0.1
118480469	0.057	< 1	0.073	7.9	0.5	4	0.042	0.20	1.05	0.10	0.09	0.40	2.2	28	25	234	1.42	8.3	16.7	22.5	54.9	2.90	< 0.1
118480470	0.052	< 1	0.052	8.8	0.5	7	0.036	0.28	1.26	0.13	0.06	0.36	2.8	30	25	174	2.54	8.5	32.8	64.5	155	2.87	< 0.1
118480471	0.010	1	0.089	3.9	0.3	8	0.023	0.13	0.87	0.04	0.04	1.04	0.8	25	14	502	1.04	15.9	18.9	66.3	115	1.41	< 0.1
118480472	0.071	2	0.061	12.3	0.4	10	0.056	0.44	1.13	0.12	0.05	0.76	3.6	28	28	285	3.32	13.9	36.0	47.0	252	2.51	< 0.1
118480473	0.089	< 1	0.115	14.5	0.6	8	0.042	0.49	1.55	0.19	0.12	0.52	4.2	47	36	511	3.66	21.6	34.0	83.1	146	4.36	< 0.1
118480474	0.054	< 1	0.056	12.0	0.5	6	0.040	0.35	1.48	0.20	0.07	0.32	3.1	33	29	233	2.65	14.7	26.3	36.2	134	3.47	< 0.1
118480475	0.093	< 1	0.087	13.5	0.6	7	0.039	0.45	1.40	0.17	0.09	0.53	3.5	38	30	9180	4.08	22.9	29.6	57.7	153	3.85	< 0.1
118480476	0.062	< 1	0.078	8.3	0.5	4	0.043	0.22	1.13	0.11	0.10	0.39	2.4	30	27	248	1.50	8.9	16.9	22.6	56.9	2.99	< 0.1
118480477	0.041	< 1	0.131	12.8	0.4	4	0.030	0.29	1.15	0.08	0.07	0.33	2.1	30	26	> 10000	3.27	11.2	30.0	62.6	88.7	2.75	< 0.1
118480478	0.111	< 1	0.079	20.9	0.4	5	0.047	1.02	1.48	0.32	0.14	0.45	3.8	36	32	1480	3.84	13.4	25.8	41.8	92.5	4.20	< 0.1
118480479	0.112	< 1	0.091	13.2	0.5	6	0.054	0.58	1.21	0.18	0.08	0.63	4.5	39	32	402	2.57	7.6	19.2	25.7	74.0	4.00	< 0.1
118480480	0.018	2	0.031	4.3	0.1	8	0.028	0.19	0.34	0.04	0.03	0.57	1.5	10	10	83	0.96	1.9	17.4	26.5	97.7	0.81	< 0.1
118480481	0.077	< 1	0.065	17.9	0.3	6	0.042	0.56	0.98	0.18	0.05	0.42	3.4	28	38	190	1.70	8.4	22.2	15.6	50.5	3.47	< 0.1
118480482	0.032	3	0.033	4.4	0.1	9	0.040	0.22	0.40	0.08	0.03	0.66	2.0	13	15	184	2.37	2.8	15.6	32.4	53.3	1.10	< 0.1

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480483	0.056	< 1	0.073	7.4	0.5	4	0.034	0.21	1.05	0.10	0.09	0.34	2.3	28	25	234	1.42	8.3	15.6	21.6	53.7	2.78	< 0.1
118480484	0.078	< 1	0.103	11.1	0.4	7	0.039	0.41	0.93	0.15	0.07	0.56	3.3	38	26	673	2.28	5.8	21.3	28.9	141	3.22	< 0.1
118480485	0.024	< 1	0.047	3.0	0.2	6	0.025	0.11	0.51	0.05	0.04	0.92	1.2	15	13	109	0.83	3.7	20.7	55.7	57.0	1.31	< 0.1
118480486	0.037	2	0.039	5.7	0.1	7	0.031	0.28	0.44	0.05	0.04	0.78	2.2	16	22	123	1.52	3.8	25.0	33.3	61.2	1.20	< 0.1
118480487	0.101	< 1	0.060	22.8	0.5	11	0.056	0.79	1.36	0.27	0.09	0.51	5.1	44	49	257	2.89	10.9	29.9	25.6	64.1	4.64	< 0.1
118480488	0.021	4	0.033	2.8	0.2	5	0.028	0.16	0.37	0.04	0.03	0.58	1.7	12	12	148	2.94	4.4	24.0	55.5	78.1	0.84	< 0.1
118480489	0.080	< 1	0.129	15.2	0.5	7	0.049	0.52	1.34	0.16	0.09	0.71	3.9	36	32	604	3.52	12.2	25.6	42.3	98.7	3.48	< 0.1
118480490	< 0.001	< 1	0.002	0.1	< 0.1	< 1	0.012	< 0.01	0.01	0.01	< 0.02	0.01	0.3	1	4	81	0.12	0.2	1.1	3.7	2.5	0.21	0.1
118480491	0.051	< 1	0.059	8.9	0.5	5	0.035	0.29	1.20	0.11	0.05	0.63	2.7	30	24	318	1.61	9.3	27.3	104	116	2.73	< 0.1
118480492	0.012	1	0.040	3.1	0.2	6	0.030	0.09	0.55	0.06	0.03	0.59	1.8	17	16	167	1.33	9.5	11.8	38.1	101	1.16	< 0.1
118480493	0.008	2	0.029	1.3	0.1	9	0.026	0.09	0.26	0.03	0.03	0.81	1.2	8	10	290	1.46	2.4	10.0	11.8	42.7	0.52	< 0.1
118480494	0.052	< 1	0.188	7.4	0.5	7	0.032	0.26	1.22	0.09	0.07	0.47	3.5	35	26	1050	8.71	28.6	29.4	99.2	260	2.75	< 0.1
118480495	0.049	< 1	0.121	6.9	0.3	4	0.032	0.22	0.62	0.07	0.05	0.41	1.7	22	21	168	0.92	2.8	10.5	21.3	42.2	1.75	< 0.1
118480496	0.079	1	0.103	19.9	0.4	5	0.035	0.73	1.13	0.15	0.07	0.77	3.2	33	28	1060	3.57	9.1	19.3	27.9	128	3.35	< 0.1
118480497	0.060	< 1	0.077	7.8	0.5	4	0.041	0.21	1.12	0.10	0.09	0.37	2.3	29	27	241	1.45	8.4	15.9	22.1	53.7	3.01	< 0.1
118480498	0.020	1	0.030	3.5	0.1	8	0.028	0.19	0.37	0.05	0.02	0.75	1.5	8	11	85	0.55	1.8	13.6	19.8	52.2	0.90	< 0.1
118480499	0.044	< 1	0.063	8.0	0.3	10	0.043	0.33	0.80	0.12	0.04	0.77	2.1	22	21	185	0.92	5.4	21.1	44.2	108	2.18	< 0.1
118480500	0.004	1	0.024	0.5	0.1	4	0.023	0.04	0.21	0.02	< 0.02	0.57	1.3	4	6	71	0.54	1.6	12.3	21.8	45.8	0.37	< 0.1
118480501	0.023	2	0.035	4.5	0.1	7	0.029	0.16	0.31	0.04	0.03	0.81	2.0	9	16	77	1.11	2.5	18.5	27.4	57.4	0.77	< 0.1
118480502	0.045	< 1	0.052	9.8	0.6	6	0.037	0.29	1.39	0.14	0.06	0.36	2.4	28	25	254	2.05	11.6	41.9	124	193	2.88	< 0.1
118480503	0.035	1	0.029	10.3	0.2	7	0.025	0.62	0.72	0.07	0.04	0.59	2.0	12	19	88	1.08	4.3	19.5	28.3	76.4	1.65	< 0.1
118480504	0.060	< 1	0.075	7.8	0.6	4	0.045	0.21	1.05	0.11	0.09	0.34	2.2	29	27	239	1.45	8.3	15.9	21.8	52.2	2.90	< 0.1
118480505	0.049	2	0.052	8.7	0.3	9	0.041	0.36	0.92	0.10	0.04	0.96	3.1	23	27	234	2.08	10.4	34.4	101	116	1.93	< 0.1
118480506	0.049	2	0.050	6.9	0.2	6	0.040	0.32	0.55	0.08	0.05	0.68	2.5	20	20	167	1.77	4.3	16.0	16.7	54.8	1.72	< 0.1
118480507	0.108	< 1	0.093	19.2	0.7	9	0.051	0.66	1.80	0.27	0.10	0.53	4.5	46	42	340	2.50	9.2	32.8	56.3	125	5.09	< 0.1
118480508	0.067	1	0.040	9.4	0.1	6	0.038	0.42	0.71	0.11	0.04	0.67	3.9	24	33	209	1.68	7.6	34.2	25.8	69.7	1.97	< 0.1
118480509	0.027	2	0.043	5.4	0.4	6	0.027	0.24	0.75	0.06	0.05	0.55	1.7	24	14	445	2.77	9.8	31.2	36.4	369	1.23	< 0.1
118480510	0.033	1	0.128	5.2	0.2	8	0.037	0.25	0.87	0.08	0.04	0.80	1.2	29	24	640	1.27	9.4	21.8	40.8	101	1.82	< 0.1
118480511	0.062	< 1	0.080	8.2	0.6	4	0.046	0.21	1.07	0.10	0.10	0.36	2.3	31	27	246	1.50	8.6	16.9	22.4	53.5	2.96	< 0.1
118480512	0.060	< 1	0.075	13.5	0.5	7	0.052	0.43	1.22	0.20	0.06	0.73	3.4	34	32	613	2.29	8.1	28.1	43.5	120	3.30	< 0.1
118480513	0.010	5	0.022	1.9	0.2	5	0.029	0.11	0.37	0.04	0.02	0.47	1.2	7	7	1690	3.62	8.4	44.9	51.7	584	0.48	< 0.1
118480514	0.440	1	0.226	23.7	0.3	5	0.048	1.55	2.20	0.13	0.04	1.28	9.1	113	34	634	5.43	20.9	40.6	34.1	226	7.64	< 0.1
118480515	0.030	1	0.048	14.2	0.5	9	0.032	0.52	1.13	0.09	0.08	1.00	3.1	18	22	225	2.75	8.1	30.5	91.7	133	1.96	< 0.1
118480516	0.071	< 1	0.081	10.1	0.5	5	0.039	0.34	1.36	0.12	0.08	0.52	3.2	29	28	206	1.52	8.2	27.9	94.7	131	3.08	< 0.1
118480517	0.059	2	0.046	10.2	0.3	9	0.040	0.41	0.73	0.13	0.06	0.61	3.2	26	26	233	2.30	5.4	25.8	54.4	61.1	2.25	< 0.1
118480518	0.056	1	0.118	9.0	0.4	11	0.040	0.33	1.03	0.11	0.38	0.81	3.0	32	20	361	2.19	8.8	30.2	27.1	174	3.15	< 0.1
118480519	0.107	< 1	0.085	20.7	0.9	9	0.041	0.68	1.80	0.28	0.09	0.53	4.7	45	38	367	2.37	9.7	52.7	63.1	232	4.57	< 0.1
118480520	0.028	2	0.036	7.6	0.2	10	0.036	0.26	0.56	0.09	0.04	0.46	2.0	13	18	373	2.71	5.1	21.6	13.8	45.4	1.50	< 0.1
118480521	0.015	2	0.038	2.8	0.1	8	0.026	0.13	0.36	0.04	0.03	1.04	1.6	10	17	88	1.18	4.2	19.5	41.5	53.4	0.72	< 0.1
118480522	0.092	3	0.063	21.9	0.4	10	0.052	0.74	1.26	0.24	0.07	0.61	4.4	36	43	369	3.55	9.5	30.6	29.0	94.7	3.78	< 0.1
118480523	0.045	2	0.093	5.9	0.4	8	0.036	0.34	1.03	0.08	0.07	0.59	2.9	28	21	901	4.74	24.0	82.9	84.9	395	1.81	< 0.1
118480524	0.037	1	0.072	7.9	0.4	6	0.045	0.26	1.02	0.14	0.04	0.76	2.3	19	21	384	1.59	6.2	18.5	35.8	75.5	2.47	< 0.1

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480525	< 0.001	< 1	0.002	0.1	< 0.1	1	0.011	< 0.01	0.01	0.01	< 0.02	0.01	0.2	2	4	86	0.13	0.2	1.1	3.6	1.7	0.21	0.1
118480526	0.048	3	0.092	6.8	0.3	7	0.053	0.23	0.80	0.08	0.08	0.56	2.7	24	22	1580	3.51	12.6	62.0	33.7	447	1.68	< 0.1
118480527	0.010	< 1	0.092	5.3	0.4	5	0.024	0.12	1.02	0.05	0.04	0.56	1.7	15	18	339	2.37	8.6	23.0	93.3	115	1.36	< 0.1
118480528	0.028	1	0.048	4.5	0.2	6	0.032	0.30	0.53	0.06	0.05	0.97	1.7	14	15	328	1.19	4.2	15.0	25.3	73.9	1.31	< 0.1
118480529	0.035	< 1	0.201	11.2	0.9	11	0.038	0.27	2.18	0.10	0.09	0.64	2.4	41	38	1200	3.70	10.2	26.1	81.9	121	3.28	< 0.1
118480530	0.055	1	0.042	13.4	0.3	7	0.044	0.44	0.82	0.15	0.05	0.49	2.9	22	30	186	1.63	6.3	18.7	16.5	49.2	2.57	< 0.1
118480531	0.036	8	0.041	6.3	0.2	6	0.037	0.27	0.47	0.07	0.03	0.59	1.9	19	13	365	6.76	5.4	19.9	29.5	126	1.21	< 0.1
118480532	0.063	< 1	0.080	8.5	0.5	5	0.049	0.21	1.18	0.11	0.10	0.37	2.4	31	28	250	1.49	8.8	16.5	22.6	57.9	2.98	< 0.1
118480533	0.073	1	0.108	6.8	0.4	7	0.043	0.35	1.08	0.09	0.05	0.70	3.7	30	29	949	10.4	45.3	40.3	53.0	284	2.24	< 0.1
118480534	0.082	< 1	0.172	16.0	0.3	8	0.036	0.52	0.86	0.15	0.06	0.51	3.6	36	37	483	5.25	7.8	18.6	16.7	39.6	3.27	< 0.1
118480535	0.025	2	0.032	4.3	0.1	8	0.050	0.22	0.36	0.05	0.03	0.63	1.7	9	13	114	1.76	4.2	25.8	49.0	101	0.94	< 0.1
118480536	0.045	2	0.061	7.5	0.2	11	0.037	0.35	0.69	0.07	0.04	1.09	2.4	21	24	276	1.96	8.1	53.7	70.7	183	1.55	< 0.1
118480537	0.099	< 1	0.201	15.7	0.9	8	0.044	0.52	2.09	0.21	0.11	0.38	5.3	52	42	7160	7.83	75.0	51.9	82.8	196	5.18	< 0.1
118480538	0.022	2	0.028	3.6	0.1	12	0.040	0.24	0.32	0.06	0.03	0.59	1.9	10	16	68	1.57	3.0	31.8	41.4	49.3	0.76	< 0.1
118480539	0.061	< 1	0.078	8.2	0.5	4	0.040	0.22	1.15	0.11	0.10	0.37	2.1	29	27	242	1.47	8.6	16.4	22.1	52.9	2.85	< 0.1
118480540	0.063	< 1	0.057	10.8	0.3	6	0.039	0.34	0.77	0.08	0.04	0.54	3.1	23	24	228	1.39	7.6	25.4	50.7	79.8	2.24	< 0.1
118480541	0.101	< 1	0.105	13.6	0.5	9	0.059	0.58	1.05	0.17	0.07	0.84	4.5	36	28	2460	3.37	11.1	20.4	36.8	69.2	3.70	< 0.1
118480542	0.009	< 1	0.040	1.8	0.3	5	0.031	0.06	0.59	0.04	0.03	0.46	0.8	12	16	220	0.89	7.8	22.3	23.2	88.2	1.03	< 0.1
118480543	0.075	2	0.053	7.9	0.2	5	0.054	0.43	0.62	0.11	0.05	0.75	3.4	24	22	179	1.82	4.8	22.3	28.0	45.4	2.01	< 0.1
118480544	0.129	< 1	0.062	18.4	0.8	7	0.045	0.66	1.56	0.23	0.07	0.58	5.7	46	43	272	2.27	8.9	46.1	45.5	199	4.52	< 0.1
118480545	0.045	< 1	0.058	10.1	0.5	8	0.049	0.34	1.34	0.16	0.05	0.91	4.6	30	42	186	1.15	13.0	45.0	254	136	2.42	< 0.1
118480546	0.059	< 1	0.078	8.2	0.5	3	0.039	0.22	1.12	0.10	0.10	0.35	2.2	29	26	238	1.44	8.5	15.9	21.6	50.9	2.81	< 0.1
118480547	0.019	2	0.038	3.9	0.1	7	0.036	0.13	0.31	0.04	0.03	0.69	1.5	9	16	109	1.41	4.0	23.0	49.4	61.2	0.78	< 0.1
118480548	0.018	4	0.032	2.5	0.1	8	0.031	0.19	0.29	0.04	0.02	0.87	1.7	9	11	146	2.60	2.8	29.5	45.0	88.0	0.66	< 0.1
118480549	0.023	2	0.048	3.2	0.1	9	0.034	0.13	0.69	0.05	0.03	1.47	3.5	15	17	87	1.50	12.4	51.2	540	95.7	0.83	< 0.1
118480550	0.086	< 1	0.236	14.5	0.6	7	0.053	0.48	1.42	0.22	0.10	0.50	3.7	42	33	4740	4.41	9.7	27.0	41.0	172	4.50	< 0.1
118480551	0.062	< 1	0.071	11.1	0.3	4	0.030	0.31	0.73	0.08	0.06	0.46	2.5	24	25	201	1.31	5.3	18.9	31.9	71.3	2.26	< 0.1
118480552	0.046	2	0.070	9.5	0.2	10	0.038	0.43	0.84	0.10	0.06	0.68	2.2	23	29	240	1.93	7.8	30.5	41.2	111	1.98	< 0.1
118480553	0.069	< 1	0.069	14.6	0.6	10	0.050	0.42	1.65	0.25	0.08	0.44	4.0	37	32	314	3.19	11.5	29.8	45.1	131	3.68	< 0.1

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480399	0.3	9.5	24.1	17.0	3.1	2.5	3.35	0.125	< 0.02	0.61	0.05	0.04	0.84	67.9	45.0	84.7	0.18	12.5	39.2	6.1	0.2	1.0	4.6
118480400	1.7	18.9	22.1	9.33	8.6	2.4	1.08	0.116	0.02	0.55	0.17	0.02	0.94	33.5	26.0	37.4	0.34	7.0	21.9	3.2	1.2	0.7	2.3
118480401	0.6	5.8	18.7	6.99	0.8	0.6	1.27	0.098	< 0.02	0.20	0.04	0.02	0.53	14.6	16.7	25.9	0.12	4.7	15.2	2.0	0.2	0.5	1.7
118480402	< 0.1	4.0	20.3	6.47	2.4	0.9	1.57	0.089	< 0.02	0.20	0.09	0.03	0.38	9.6	16.2	24.5	0.77	4.0	12.8	1.8	1.2	0.5	1.5
118480403	13.7	16.5	21.5	16.1	1.5	0.5	4.36	0.313	0.02	0.39	0.11	0.07	1.37	86.8	50.7	64.4	0.64	13.6	44.5	6.2	2.0	1.6	4.8
118480404	9.4	14.0	23.1	6.81	4.1	1.7	6.39	0.168	< 0.02	0.35	0.34	0.04	0.77	15.3	18.1	34.1	0.43	4.9	14.9	2.3	1.4	0.6	1.8
118480405	1.3	13.1	15.9	6.49	2.0	1.4	1.13	0.222	< 0.02	0.35	0.11	0.04	0.66	77.3	17.8	36.8	0.35	5.0	15.9	2.4	0.5	0.5	1.9
118480406	< 0.1	9.5	24.5	16.9	2.7	2.5	3.29	0.130	0.02	0.58	0.05	0.03	0.84	66.8	44.7	84.6	0.22	12.5	39.6	6.3	0.2	1.1	4.5
118480407	0.1	5.2	17.6	6.61	3.6	0.8	0.83	0.070	< 0.02	0.23	0.05	0.03	0.82	15.9	13.3	23.8	0.21	3.7	12.4	1.9	1.5	0.5	1.6
118480408	< 0.1	7.6	19.0	8.97	3.5	1.3	0.98	0.058	< 0.02	0.37	0.04	< 0.02	0.95	56.7	24.6	40.3	0.17	6.6	21.1	3.1	< 0.1	0.8	2.4
118480409	1.4	1.6	12.4	8.88	0.7	0.7	0.97	0.155	< 0.02	0.14	0.09	0.02	0.22	38.3	18.1	35.9	0.40	5.2	17.1	2.7	1.0	0.7	2.0
118480410	16.2	25.3	39.3	13.5	4.2	1.8	5.90	0.268	0.02	0.66	0.21	0.04	1.40	265	37.5	75.6	0.68	10.3	32.7	4.4	0.5	1.1	3.6
118480411	2.5	6.7	10.6	17.2	2.7	1.2	1.40	0.174	0.06	0.28	0.19	0.10	0.43	12.1	42.2	77.7	1.06	11.7	36.9	5.8	1.1	1.5	4.2
118480412	26.9	3.1	18.3	14.9	0.9	0.3	3.90	0.271	< 0.02	0.18	0.24	0.04	0.26	10.4	22.1	20.8	0.57	7.1	24.6	3.7	6.2	1.0	2.8
118480413	0.5	9.6	25.3	17.2	3.0	2.7	3.36	0.128	< 0.02	0.65	0.06	0.02	0.91	68.4	46.5	89.1	0.23	12.7	39.2	5.6	0.3	1.1	4.6
118480414	2.0	14.7	17.5	10.8	4.4	2.2	1.35	0.221	< 0.02	0.43	0.15	0.04	0.88	82.6	29.0	51.0	0.40	7.4	23.9	3.7	0.8	0.9	2.6
118480415	< 0.1	4.9	19.9	8.96	7.1	1.6	1.45	0.074	< 0.02	0.35	0.05	0.03	0.52	36.4	15.5	25.8	0.21	4.3	15.1	2.5	0.6	0.6	2.2
118480416	11.2	8.4	22.2	7.89	9.7	2.3	11.9	0.077	< 0.02	0.92	0.06	0.02	0.48	13.4	20.1	39.0	0.08	5.6	18.1	3.1	< 0.1	0.6	2.0
118480417	0.5	4.5	11.1	4.90	5.0	1.0	2.81	0.115	< 0.02	0.21	0.13	0.02	0.48	5.2	12.8	20.8	0.66	3.4	11.0	1.5	3.5	0.5	1.3
118480418	< 0.1	1.2	10.8	6.00	0.9	0.2	3.47	0.127	< 0.02	0.13	0.09	< 0.02	0.14	10.2	22.3	10.2	1.76	4.6	14.4	2.3	3.0	0.5	1.7
118480419	0.4	6.1	19.1	6.62	1.0	1.0	3.54	0.107	< 0.02	0.20	0.14	< 0.02	0.45	41.0	17.7	25.0	0.25	4.4	14.3	2.2	0.7	0.6	1.5
118480420	< 0.1	0.2	0.7	0.27	0.2	0.1	0.42	0.007	< 0.02	0.18	< 0.02	< 0.02	< 0.02	9.4	< 0.5	0.18	< 0.01	< 0.1	0.11	< 0.1	< 0.1	< 0.1	< 0.1
118480421	4.6	23.4	18.4	14.8	4.7	1.4	2.28	0.317	0.03	0.49	0.15	0.06	1.27	223	41.8	81.6	0.80	10.9	34.9	4.9	1.0	1.2	3.8
118480422	0.5	10.6	19.8	13.4	3.0	1.7	0.98	0.191	< 0.02	0.38	0.20	0.03	0.60	63.6	36.1	64.0	0.64	9.7	31.0	4.4	0.6	1.1	3.3
118480423	< 0.1	2.1	21.1	4.46	1.6	0.3	2.52	0.113	< 0.02	0.14	0.12	0.02	0.19	34.0	9.3	11.0	0.18	2.4	8.15	1.1	1.1	0.3	0.9
118480424	259	17.2	19.3	9.10	4.5	1.9	1.35	0.129	< 0.02	0.55	0.21	0.06	0.95	96.4	25.9	53.8	0.20	7.0	22.4	3.5	0.2	0.9	2.5
118480425	0.3	3.1	11.0	6.33	2.5	0.7	3.22	0.109	< 0.02	0.49	0.15	0.02	0.28	4.5	23.1	36.6	1.04	5.4	17.8	2.7	1.5	0.7	2.1
118480426	1.2	13.8	15.7	19.4	8.4	2.1	4.62	0.103	< 0.02	0.39	0.26	0.02	1.01	9.7	51.2	57.7	0.55	13.5	43.9	6.5	1.0	1.5	4.8
118480427	0.1	9.1	23.2	16.7	2.3	2.5	3.21	0.125	< 0.02	0.61	0.05	0.03	0.87	65.6	45.6	87.1	0.20	12.3	39.8	5.6	< 0.1	1.0	4.2
118480428	2.1	7.2	18.8	17.5	0.8	0.6	6.50	0.306	< 0.02	0.32	0.08	0.04	0.68	189	51.9	94.5	0.45	13.4	43.1	5.5	1.5	1.5	4.7
118480429	< 0.1	2.4	12.6	17.5	1.5	0.5	1.25	0.065	< 0.02	0.15	0.08	< 0.02	0.22	11.6	44.8	67.1	3.14	8.8	26.8	3.6	0.7	1.1	3.3
118480430	4.4	12.8	22.0	10.2	3.7	2.0	0.94	0.167	< 0.02	0.47	0.19	0.04	0.76	9.5	32.0	55.2	0.44	7.0	22.0	3.2	0.3	0.8	2.5
118480431	< 0.1	5.9	18.4	5.30	6.1	1.5	1.35	0.057	< 0.02	0.34	0.06	< 0.02	0.38	28.3	14.0	25.6	0.07	3.8	12.7	2.0	< 0.1	0.4	1.5
118480432	128	21.2	21.4	15.0	3.1	1.4	2.64	0.212	0.02	0.51	0.19	0.06	1.22	120	38.1	72.7	0.39	9.9	31.5	4.9	1.0	1.2	3.6
118480433	3.0	6.0	20.4	5.10	3.8	1.1	3.29	0.088	< 0.02	0.24	0.14	0.04	0.41	29.7	13.5	23.3	0.19	3.6	11.7	1.9	0.6	0.5	1.3
118480434	< 0.1	9.6	25.3	17.6	2.9	2.7	3.35	0.133	0.02	0.61	0.05	0.02	0.88	66.7	47.0	90.1	0.23	12.6	41.0	6.2	0.2	1.1	4.7
118480435	10.6	30.8	30.5	12.3	7.0	2.1	5.15	0.275	0.02	0.69	0.26	0.03	1.53	708	39.8	79.0	0.81	10.1	32.3	4.5	1.0	1.1	3.3
118480436	0.6	3.5	16.3	6.65	1.6	0.8	3.76	0.118	< 0.02	0.18	0.17	0.05	0.34	7.8	18.3	30.0	0.42	4.6	15.1	2.1	1.0	0.6	1.7
118480437	3.4	8.4	14.8	7.86	3.5	1.6	2.12	0.134	< 0.02	0.30	0.23	0.02	0.54	24.4	18.7	33.4	0.50	5.0	16.1	2.5	0.9	0.6	2.0
118480438	0.4	4.6	10.1	6.47	2.8	1.1	0.59	0.089	< 0.02	0.43	0.11	0.03	0.26	16.7	14.9	20.9	0.35	4.0	13.2	1.8	1.4	0.5	1.5
118480439	4.3	10.0	25.2	17.9	0.9	1.0	5.27	0.366	< 0.02	0.33	0.11	0.06	1.06	155	45.2	68.6	0.53	12.0	38.7	5.2	4.1	1.4	4.0
118480440	< 0.1	2.7	13.1	3.60	2.8	0.3	1.34	0.045	< 0.02	0.17	0.05	< 0.02	0.29	28.3	8.0	12.2	0.13	2.1	7.21	1.1	0.9	0.3	0.8

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480441	0.3	9.4	24.0	16.9	2.8	2.7	3.28	0.126	< 0.02	0.59	0.05	< 0.02	0.88	67.2	46.0	88.5	0.22	12.4	39.7	6.0	0.2	1.1	4.5
118480442	0.3	26.9	25.7	19.2	14.0	2.8	2.24	0.168	0.02	0.52	0.32	0.02	1.48	36.1	55.7	76.2	0.60	14.3	46.6	6.7	0.5	1.5	4.8
118480443	0.2	2.0	18.9	11.2	1.3	0.5	3.81	0.063	< 0.02	0.17	0.10	< 0.02	0.16	33.3	30.5	38.7	0.14	8.5	29.7	4.2	0.6	1.0	3.0
118480444	< 0.1	6.8	22.1	6.27	3.7	1.1	2.44	0.118	< 0.02	0.20	0.09	0.05	0.62	17.3	17.6	27.8	0.34	4.4	14.3	2.2	1.3	0.6	1.6
118480445	1.5	4.9	7.1	19.5	3.6	1.1	1.19	0.162	0.02	0.25	0.13	0.09	0.31	4.0	52.2	89.8	1.05	11.6	36.8	4.8	1.3	1.5	4.3
118480446	21.6	0.9	12.1	1.21	1.3	0.2	4.06	0.091	< 0.02	0.11	0.16	0.02	0.11	5.3	1.5	2.67	0.25	0.4	1.43	0.2	5.3	< 0.1	0.3
118480447	0.8	12.7	21.7	11.6	4.0	2.1	1.17	0.136	0.02	0.39	0.18	0.03	0.90	75.0	35.0	66.2	0.36	9.6	31.1	4.6	0.1	1.2	3.3
118480448	19.8	16.8	62.7	19.1	1.6	1.9	4.83	0.359	0.03	1.39	1.42	0.07	2.68	236	23.2	41.1	0.70	6.8	23.6	4.3	0.9	1.2	3.7
118480449	< 0.1	3.4	10.8	4.41	5.1	0.8	4.22	0.077	< 0.02	0.17	0.11	0.02	0.30	15.8	12.1	20.0	0.25	3.2	10.6	1.3	0.8	0.4	1.1
118480450	0.4	3.1	17.3	4.67	4.3	0.4	2.27	0.075	< 0.02	0.54	0.05	0.02	0.31	8.3	10.0	17.2	0.14	2.7	9.07	1.2	2.0	0.4	1.0
118480451	8.7	3.0	8.6	9.12	1.2	0.8	1.26	0.157	< 0.02	0.20	0.11	0.03	0.29	26.1	19.2	33.6	0.40	5.8	18.8	3.0	1.0	0.8	2.2
118480452	1.5	31.4	21.9	12.3	6.1	3.0	1.84	0.199	0.02	0.73	0.13	0.04	1.58	151	38.1	74.8	0.44	10.3	32.1	4.7	0.2	1.1	3.3
118480453	0.7	9.3	23.7	9.79	6.1	2.0	1.89	0.116	< 0.02	0.33	0.16	0.03	0.53	42.4	30.4	46.3	0.37	7.8	23.8	3.4	0.6	0.9	2.5
118480454	0.5	7.7	19.1	8.06	5.5	1.9	3.47	0.115	< 0.02	0.38	0.11	0.03	0.58	55.8	21.3	40.4	0.21	5.9	19.0	2.7	1.0	0.7	2.2
118480455	< 0.1	0.1	< 0.5	0.20	0.3	0.1	0.40	0.005	< 0.02	0.14	< 0.02	< 0.02	< 0.02	8.0	< 0.5	0.19	< 0.01	< 0.1	0.10	< 0.1	< 0.1	< 0.1	< 0.1
118480456	0.7	1.5	9.9	4.61	2.2	0.3	1.96	0.057	< 0.02	0.11	0.07	0.02	0.12	7.4	10.2	11.5	0.16	2.8	9.46	1.4	0.7	0.4	1.2
118480457	0.2	1.4	19.3	2.32	2.9	0.4	0.83	0.059	< 0.02	0.15	0.10	< 0.02	0.13	24.2	5.1	8.18	0.21	1.3	4.10	0.4	0.2	0.2	0.5
118480458	1.7	6.9	15.9	7.46	2.7	1.4	2.97	0.135	< 0.02	0.30	0.11	0.03	0.49	34.7	20.8	35.3	0.53	5.4	16.9	2.2	1.4	0.7	1.8
118480459	19.9	16.9	20.3	16.0	5.3	2.1	2.17	0.158	0.02	0.47	0.19	0.05	1.00	71.6	43.9	65.5	0.49	11.3	35.1	5.4	0.4	1.3	3.7
118480460	< 0.1	4.2	22.1	13.6	1.3	1.1	2.98	0.095	< 0.02	0.24	0.07	0.02	0.36	10.1	38.6	61.7	0.28	10.3	32.8	4.6	0.2	1.2	3.5
118480461	3.9	28.0	21.3	11.4	6.5	2.9	1.63	0.207	0.02	1.13	0.16	0.04	1.40	161	35.2	71.5	0.26	9.4	29.0	4.1	0.6	1.0	3.1
118480462	0.1	9.5	24.2	16.6	2.6	2.6	3.27	0.128	< 0.02	0.59	0.05	0.03	0.85	65.7	44.6	83.6	0.22	12.3	38.4	6.0	0.1	1.0	4.3
118480463	11.4	26.6	24.4	17.2	4.3	1.8	2.70	0.197	0.02	0.67	0.24	0.06	1.53	135	42.9	83.0	0.35	12.0	37.3	5.5	0.3	1.4	4.3
118480464	0.6	3.7	16.5	3.84	4.1	0.8	2.43	0.058	< 0.02	0.21	0.14	0.05	0.40	18.1	10.6	16.8	0.41	2.7	8.82	1.1	1.9	0.3	1.0
118480465	4.2	19.7	21.4	10.8	5.0	2.1	1.51	0.188	0.02	0.51	0.10	0.04	1.37	119	28.4	50.3	0.41	7.6	23.9	3.3	0.7	0.9	2.6
118480466	9.0	9.7	16.6	6.77	1.1	0.8	16.5	0.092	< 0.02	0.42	0.15	0.03	0.56	654	18.9	36.3	0.25	5.1	15.5	2.3	< 0.1	0.6	1.9
118480467	11.5	1.0	9.2	3.70	3.2	0.4	1.49	0.085	< 0.02	0.08	0.14	0.02	0.12	37.4	6.8	7.83	0.34	1.9	6.40	1.1	0.7	0.3	0.8
118480468	0.2	7.8	74.5	5.63	5.9	1.5	3.96	0.060	< 0.02	0.22	0.02	< 0.02	0.52	25.9	14.9	25.5	0.16	4.2	13.6	2.2	0.2	0.5	1.6
118480469	0.3	9.0	24.3	15.8	2.5	2.4	3.20	0.123	< 0.02	0.55	0.06	< 0.02	0.81	67.7	43.3	82.9	0.19	12.1	37.2	5.8	< 0.1	1.0	4.2
118480470	5.6	11.3	19.5	11.7	4.5	1.9	2.48	0.253	< 0.02	0.34	0.39	0.02	0.84	61.6	26.7	53.4	0.60	7.6	24.0	3.7	0.7	0.9	2.7
118480471	3.1	2.9	17.6	7.52	0.6	0.4	2.84	0.257	< 0.02	0.15	0.12	0.04	0.54	38.4	15.2	29.1	0.58	4.2	14.3	2.3	1.8	0.7	2.0
118480472	1.1	11.8	21.3	8.89	4.6	2.0	1.66	0.119	< 0.02	0.38	0.09	0.04	0.78	9.6	24.2	37.4	0.38	6.4	19.8	3.0	0.8	0.8	2.2
118480473	5.8	17.3	15.2	10.3	3.6	2.0	1.88	0.248	0.02	0.62	0.14	0.05	1.00	105	28.3	54.2	0.47	7.6	23.9	3.4	0.6	0.9	2.7
118480474	4.2	16.4	15.5	9.68	3.5	1.8	2.48	0.244	< 0.02	0.38	0.24	0.02	0.93	70.4	26.7	49.4	0.41	7.3	22.7	3.8	0.5	0.8	2.4
118480475	4.7	15.0	18.0	12.9	3.2	1.4	2.06	0.147	0.02	0.61	0.13	0.05	0.93	95.8	36.4	76.3	0.49	9.7	30.3	4.7	0.5	1.1	3.4
118480476	0.2	9.6	24.9	17.2	2.5	2.6	3.37	0.128	< 0.02	0.59	0.05	0.02	0.87	69.6	46.4	89.0	0.21	13.1	40.6	5.6	0.1	1.1	4.6
118480477	12.6	7.1	13.5	13.4	0.6	0.5	2.36	0.159	< 0.02	0.34	0.08	0.05	0.63	118	44.1	81.0	0.39	12.0	37.7	5.6	< 0.1	1.4	3.9
118480478	10.0	32.3	17.0	11.1	13.9	2.4	3.05	0.125	< 0.02	0.50	0.08	0.09	1.73	57.6	35.8	68.9	0.27	9.3	28.9	4.0	0.9	1.2	3.3
118480479	4.8	15.2	19.2	9.21	6.7	2.6	0.89	0.102	0.02	0.61	0.10	0.04	0.87	91.4	25.7	47.8	0.19	7.2	22.2	3.3	< 0.1	0.9	2.5
118480480	< 0.1	2.9	10.9	3.66	3.4	0.7	2.97	0.127	< 0.02	0.29	0.07	0.02	0.32	16.0	10.0	14.7	0.48	2.6	8.65	1.3	1.4	0.3	1.0
118480481	0.5	16.4	16.9	5.45	7.7	1.9	0.98	0.058	0.02	0.46	0.04	0.03	0.87	71.0	16.9	33.8	0.05	4.6	14.4	2.3	< 0.1	0.4	1.7
118480482	0.2	5.4	16.7	4.44	6.0	1.1	5.50	0.058	< 0.02	0.21	0.06	0.03	0.28	9.0	14.4	24.3	0.14	3.9	11.8	2.0	1.1	0.4	1.4

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480483	< 0.1	9.1	22.6	15.9	2.3	2.3	3.15	0.114	< 0.02	0.56	0.04	0.02	0.81	65.4	42.6	81.4	0.20	11.8	37.1	5.4	< 0.1	1.0	4.2
118480484	2.8	12.0	22.6	8.44	3.5	1.8	2.21	0.171	< 0.02	0.48	0.20	0.02	0.67	91.7	22.0	42.0	0.51	6.0	18.5	3.1	0.7	0.7	2.1
118480485	0.3	3.7	12.0	4.54	2.6	1.0	0.51	0.083	< 0.02	0.30	0.14	0.02	0.27	40.6	9.6	17.6	0.29	2.6	8.43	1.1	0.6	0.3	1.0
118480486	< 0.1	3.6	21.1	6.24	5.4	1.2	2.13	0.089	< 0.02	0.19	0.04	0.03	0.45	15.8	10.0	17.2	0.20	2.9	9.63	1.9	0.6	0.4	1.4
118480487	1.8	24.7	20.2	7.88	13.5	2.6	0.94	0.062	0.02	0.61	0.07	0.04	1.20	62.2	24.3	49.6	0.08	6.6	21.0	3.0	< 0.1	0.7	2.3
118480488	< 0.1	2.7	11.8	5.62	3.9	0.8	2.14	0.075	< 0.02	0.15	0.10	0.03	0.24	6.6	13.4	18.9	0.25	3.5	11.0	1.9	2.0	0.4	1.2
118480489	5.3	17.4	20.9	11.9	6.2	2.5	2.83	0.159	< 0.02	0.41	0.16	0.05	1.03	30.9	37.2	61.9	0.28	10.0	30.7	4.8	0.6	1.2	3.3
118480490	< 0.1	0.1	< 0.5	0.20	0.3	0.1	0.42	0.009	< 0.02	0.14	< 0.02	< 0.02	< 0.02	7.7	< 0.5	0.25	< 0.01	< 0.1	0.15	< 0.1	< 0.1	< 0.1	< 0.1
118480491	0.3	10.5	14.6	14.3	2.7	1.7	1.05	0.170	< 0.02	0.35	0.18	0.02	0.66	63.3	31.2	50.2	0.40	9.2	29.4	4.5	0.8	1.0	3.1
118480492	25.3	3.6	14.4	6.85	0.9	0.4	3.21	0.123	< 0.02	0.13	0.14	0.02	0.74	36.6	11.7	17.4	0.34	3.3	10.9	2.1	1.5	0.5	1.6
118480493	< 0.1	1.7	27.2	2.72	2.5	0.3	0.92	0.049	< 0.02	0.77	0.06	0.02	0.16	13.6	6.6	10.2	0.31	1.7	5.46	0.8	0.5	0.2	0.6
118480494	40.9	8.5	15.5	12.7	3.3	1.7	3.82	0.232	< 0.02	0.33	0.18	0.04	0.61	91.6	35.1	62.8	0.83	9.3	28.7	3.6	1.5	1.0	3.1
118480495	1.6	4.5	14.9	8.83	1.5	1.1	1.08	0.059	< 0.02	0.36	0.05	0.03	0.41	48.1	22.3	41.7	0.10	6.3	20.7	2.7	< 0.1	0.7	2.3
118480496	3.0	34.7	16.8	9.72	6.3	1.9	1.65	0.098	< 0.02	0.41	0.07	0.04	1.87	94.5	25.9	46.4	0.26	6.9	22.0	3.6	0.6	0.9	2.6
118480497	0.4	9.4	24.5	16.5	3.0	2.6	3.27	0.128	< 0.02	0.60	0.05	0.03	0.83	65.5	44.3	84.4	0.19	12.2	38.7	6.1	0.3	1.0	4.5
118480498	0.4	3.1	12.8	5.16	4.2	0.7	5.83	0.051	< 0.02	0.15	0.13	0.04	0.21	23.3	14.8	17.8	0.24	4.0	13.1	2.0	2.1	0.5	1.3
118480499	1.0	9.7	25.8	7.95	3.5	1.6	3.23	0.156	0.02	0.29	0.34	0.02	0.56	53.0	17.9	30.2	0.54	4.9	15.8	2.6	1.8	0.6	1.8
118480500	< 0.1	0.8	15.9	2.77	2.0	0.2	1.31	0.051	< 0.02	0.09	0.06	0.02	0.08	20.9	4.7	6.30	0.14	1.4	5.05	1.0	< 0.1	0.2	0.7
118480501	< 0.1	2.9	27.6	8.02	3.5	0.8	3.31	0.124	< 0.02	0.13	0.03	0.02	0.41	13.8	13.2	18.2	0.21	3.9	13.4	2.5	1.3	0.6	1.9
118480502	1.0	12.4	17.7	15.1	3.5	1.6	1.68	0.288	< 0.02	0.33	0.34	0.03	0.81	66.8	36.4	65.6	1.16	10.6	34.2	5.3	0.8	1.2	3.7
118480503	0.6	5.8	18.2	5.26	5.8	0.8	1.27	0.074	< 0.02	0.22	0.05	0.02	0.79	32.2	12.7	20.9	0.48	3.5	11.2	1.6	2.3	0.5	1.3
118480504	0.4	9.2	23.4	16.2	3.2	2.6	3.28	0.120	< 0.02	0.58	0.05	0.02	0.86	67.9	44.0	83.3	0.22	12.1	37.7	5.6	0.2	1.0	4.3
118480505	2.1	9.7	18.7	9.83	5.3	1.7	2.91	0.114	< 0.02	0.25	0.22	0.05	0.82	17.2	30.0	31.7	0.38	7.6	24.1	3.4	1.5	0.9	2.5
118480506	< 0.1	5.5	15.4	5.39	6.8	1.5	0.55	0.075	< 0.02	0.33	0.05	0.03	0.37	26.7	13.8	27.3	0.21	3.8	12.1	1.8	0.3	0.4	1.4
118480507	23.3	22.2	19.6	10.5	6.3	2.5	1.66	0.258	0.02	0.60	0.26	0.05	1.27	112	26.8	50.2	0.34	7.4	23.0	3.6	0.8	0.9	2.6
118480508	< 0.1	8.3	18.9	4.68	6.3	1.8	0.76	0.066	< 0.02	0.25	0.04	< 0.02	0.60	43.3	13.0	24.1	0.19	3.6	11.6	1.8	0.9	0.4	1.4
118480509	0.9	5.1	12.6	8.52	1.7	1.0	1.94	0.142	< 0.02	0.19	0.10	0.05	0.49	9.1	21.2	35.7	1.28	5.4	17.3	2.5	0.9	0.8	2.2
118480510	< 0.1	6.6	21.4	6.63	0.8	1.0	5.83	0.141	< 0.02	0.21	0.03	0.04	0.29	40.6	36.0	57.3	0.35	8.2	24.4	3.0	1.1	0.7	2.3
118480511	0.2	9.3	23.7	16.5	2.9	2.6	3.34	0.126	< 0.02	0.57	0.05	0.03	0.82	67.2	44.5	85.3	0.22	12.5	38.5	5.2	0.2	1.0	4.3
118480512	2.8	17.8	28.9	9.62	4.9	1.8	1.74	0.158	< 0.02	0.39	0.24	0.02	0.95	34.8	28.0	48.0	0.45	7.4	23.0	3.0	1.7	0.8	2.2
118480513	< 0.1	2.0	13.5	5.26	2.0	0.3	1.46	0.121	< 0.02	0.12	0.09	0.03	0.19	4.1	16.1	22.3	2.43	3.9	12.4	1.9	4.5	0.5	1.4
118480514	< 0.1	20.6	39.3	13.9	6.4	6.2	2.33	0.149	0.03	0.76	0.02	0.03	1.15	13.0	40.8	78.4	0.23	11.7	38.0	5.4	0.4	1.4	3.9
118480515	1.3	6.3	35.1	9.40	6.9	1.1	2.27	0.191	< 0.02	0.25	0.12	0.04	0.99	37.3	19.3	23.0	0.47	5.3	17.5	2.6	1.9	0.8	2.3
118480516	2.0	9.9	21.6	14.6	5.6	2.5	1.21	0.251	0.02	0.62	0.29	0.03	0.78	67.3	44.3	83.9	0.41	12.7	39.8	6.0	0.6	1.4	4.2
118480517	2.3	10.0	13.2	6.14	12.7	1.8	1.22	0.055	< 0.02	0.37	0.13	0.03	0.60	13.8	15.5	29.5	0.17	4.3	13.1	2.4	0.7	0.5	1.7
118480518	10.9	9.0	35.1	15.0	1.8	1.6	1.44	0.191	0.04	2.61	0.70	0.13	0.81	22.6	17.5	33.0	1.31	5.5	18.2	3.1	1.6	0.9	2.9
118480519	2.3	20.5	24.4	21.8	7.5	2.6	1.94	0.141	0.02	0.64	0.25	0.02	1.37	124	48.4	75.0	0.82	12.8	41.9	5.8	0.8	1.5	5.0
118480520	0.2	7.8	13.1	3.10	5.5	0.9	0.69	0.034	< 0.02	0.23	0.05	0.02	0.45	13.7	8.1	14.7	0.07	2.2	7.06	1.2	< 0.1	0.3	0.8
118480521	0.1	2.1	23.7	4.80	3.5	0.6	10.6	0.109	< 0.02	0.12	0.06	< 0.02	0.18	14.3	7.9	14.5	0.32	2.3	8.00	1.4	1.3	0.4	1.1
118480522	0.7	22.1	21.8	7.20	12.7	2.2	0.99	0.078	< 0.02	0.48	0.07	0.04	1.07	7.3	19.1	37.4	0.17	5.3	16.5	2.6	0.5	0.6	1.9
118480523	12.9	5.6	13.4	10.1	1.6	1.1	5.37	0.214	< 0.02	0.33	0.09	0.03	0.52	13.5	21.8	37.1	1.57	5.4	17.3	2.5	1.6	0.7	2.3
118480524	0.2	12.2	30.7	8.97	2.6	1.3	1.78	0.139	< 0.02	0.29	0.15	0.03	0.84	47.5	28.3	46.3	0.40	7.4	22.0	3.2	1.6	0.7	2.3

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480525	< 0.1	0.1	< 0.5	0.24	0.3	0.1	0.45	0.005	< 0.02	0.15	< 0.02	0.03	< 0.02	7.4	< 0.5	0.19	< 0.01	< 0.1	0.08	< 0.1	< 0.1	< 0.1	< 0.1
118480526	2.0	5.1	17.4	9.29	2.1	1.3	3.84	0.127	< 0.02	0.40	0.12	0.04	0.37	6.8	23.1	42.3	0.93	6.2	19.4	3.2	0.9	0.8	2.3
118480527	2.4	3.8	10.6	8.98	0.9	0.6	0.81	0.224	< 0.02	0.21	0.16	0.03	0.30	57.2	19.6	31.2	0.58	5.4	17.5	2.7	1.1	0.8	2.3
118480528	< 0.1	4.8	16.8	4.11	3.8	1.0	1.00	0.114	< 0.02	0.23	0.07	0.02	0.40	22.7	10.5	18.3	0.32	2.7	8.44	1.4	1.1	0.3	1.1
118480529	5.5	8.3	23.5	21.2	1.1	1.4	4.32	0.260	< 0.02	0.33	0.14	0.04	0.98	127	54.8	94.8	0.35	15.1	47.8	7.3	1.6	1.7	5.1
118480530	0.6	12.5	19.7	4.35	7.1	1.5	1.45	0.060	< 0.02	0.36	0.06	0.03	0.68	45.3	13.9	24.4	0.06	3.7	11.8	1.8	< 0.1	0.4	1.3
118480531	0.2	6.2	14.2	4.94	4.9	1.2	2.92	0.091	< 0.02	0.21	0.05	0.02	0.91	3.4	12.2	21.2	0.47	3.3	10.9	1.6	0.9	0.5	1.3
118480532	0.4	9.6	24.5	17.0	2.9	2.6	3.36	0.126	< 0.02	0.61	0.05	< 0.02	0.88	73.2	45.4	86.5	0.20	12.5	39.3	5.9	0.2	1.1	4.4
118480533	3.3	6.1	18.5	11.2	5.3	2.0	5.36	0.122	0.03	0.39	0.09	0.14	0.39	23.5	36.8	67.5	0.62	9.5	29.5	4.1	0.6	1.2	3.2
118480534	2.8	14.4	16.3	8.21	11.6	2.0	0.55	0.052	< 0.02	0.45	0.05	0.02	0.74	86.5	23.7	49.1	0.05	6.7	21.0	3.2	< 0.1	0.6	2.4
118480535	1.3	4.5	13.6	4.94	6.4	0.8	5.26	0.089	< 0.02	0.21	0.13	0.02	0.39	17.7	13.6	20.1	0.41	3.7	11.7	1.9	1.9	0.5	1.4
118480536	0.8	5.1	20.4	8.03	3.9	1.4	2.79	0.117	< 0.02	0.27	0.22	0.04	0.44	10.5	18.1	26.4	0.48	4.8	15.3	2.4	0.9	0.6	1.8
118480537	5.0	19.0	20.6	23.7	4.6	2.1	1.59	0.401	0.02	0.58	0.24	0.05	1.27	202	57.3	124	1.06	16.3	51.8	7.0	0.9	1.9	5.9
118480538	0.2	3.0	79.4	4.04	4.7	0.6	1.81	0.078	< 0.02	0.13	0.03	0.02	0.28	10.9	9.5	15.2	0.18	2.7	8.69	1.5	0.7	0.3	1.1
118480539	0.4	9.2	23.9	16.7	2.9	2.6	3.20	0.127	0.02	0.58	0.05	0.02	0.83	69.1	44.2	85.4	0.19	12.4	38.5	5.6	0.1	1.1	4.4
118480540	0.9	6.0	17.7	11.2	4.8	1.6	1.43	0.094	< 0.02	0.31	0.07	< 0.02	0.57	74.2	28.8	42.1	0.13	7.7	25.5	3.6	0.1	1.0	3.0
118480541	3.3	14.9	22.3	10.1	8.9	2.5	1.69	0.085	< 0.02	0.51	0.14	0.05	0.79	173	26.8	44.7	0.18	7.1	22.0	3.5	0.3	0.9	2.5
118480542	1.5	2.6	20.7	5.75	0.8	0.5	1.18	0.091	< 0.02	0.14	0.06	< 0.02	0.19	53.9	11.0	21.9	0.25	3.3	10.6	1.7	0.4	0.4	1.3
118480543	0.3	8.1	17.3	6.39	12.5	2.0	1.23	0.058	< 0.02	0.38	0.05	0.03	0.43	22.8	15.6	29.3	0.11	4.6	14.7	2.2	0.7	0.6	1.8
118480544	2.8	17.3	23.1	19.4	9.8	3.0	1.73	0.087	0.02	1.63	0.17	0.03	1.17	98.0	44.0	71.1	0.34	12.0	39.1	5.6	< 0.1	1.5	4.6
118480545	68.6	11.1	27.9	20.1	7.0	1.5	1.59	0.325	< 0.02	0.28	1.16	0.04	1.92	79.0	60.3	59.5	0.59	16.6	52.9	8.1	5.8	2.0	5.3
118480546	0.3	9.1	23.5	16.5	2.3	2.5	3.13	0.128	0.02	0.57	0.05	0.03	0.83	68.4	43.7	84.5	0.22	12.2	38.0	5.8	< 0.1	1.0	4.3
118480547	< 0.1	2.8	18.6	4.64	3.3	0.6	3.31	0.100	< 0.02	0.34	0.08	0.02	0.32	13.1	10.4	15.6	0.20	2.8	8.63	1.4	2.6	0.3	1.1
118480548	0.7	2.5	14.6	4.21	5.0	0.6	5.81	0.069	< 0.02	0.31	0.08	0.04	0.22	5.9	9.0	13.3	0.31	2.4	8.04	1.2	2.7	0.3	0.9
118480549	2.7	2.9	10.6	9.67	3.1	0.6	1.50	0.255	< 0.02	0.13	0.28	0.03	0.27	14.5	12.8	13.2	0.62	3.6	12.2	1.4	3.9	0.5	1.5
118480550	6.4	19.2	23.2	11.3	3.5	1.5	5.08	0.213	0.02	0.57	0.25	0.07	1.00	209	30.0	55.0	0.57	8.0	25.3	3.9	1.0	0.9	2.9
118480551	1.2	5.9	13.1	10.5	5.1	1.5	1.20	0.082	< 0.02	0.40	0.07	0.02	0.71	49.6	35.0	52.9	0.15	9.3	29.7	4.5	< 0.1	1.1	3.1
118480552	< 0.1	9.2	20.2	8.59	5.6	1.6	2.38	0.128	< 0.02	0.29	0.08	0.05	0.78	19.3	30.4	37.4	0.74	7.7	24.7	3.9	2.1	1.0	2.6
118480553	7.5	18.5	19.1	8.36	7.3	2.2	4.84	0.212	0.02	0.44	0.33	0.03	0.99	33.4	22.2	41.4	0.37	5.9	17.5	2.9	1.4	0.7	2.0

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480399	0.6	3.3	0.6	1.7	0.2	1.5	0.2	0.1	< 0.05	0.6	0.001	< 0.5	0.16	7.9	1.0	16.0	60
118480400	0.3	1.7	0.3	0.9	0.1	0.9	0.1	0.2	< 0.05	0.2	0.004	1.3	0.14	6.6	4.0	3.0	100
118480401	0.2	1.2	0.2	0.6	0.1	0.6	0.1	< 0.1	< 0.05	0.4	0.002	< 0.5	0.07	2.8	0.3	2.1	70
118480402	0.2	1.1	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	0.2	0.003	0.7	0.11	4.2	0.5	4.3	90
118480403	0.5	3.0	0.5	1.5	0.2	1.2	0.2	< 0.1	< 0.05	0.2	0.002	2.0	0.21	9.8	1.8	3.9	140
118480404	0.2	1.3	0.2	0.6	0.1	0.6	0.1	0.1	< 0.05	0.1	0.011	1.2	0.17	5.4	1.2	2.9	100
118480405	0.2	1.3	0.2	0.6	0.1	0.5	0.1	0.1	< 0.05	0.2	0.002	2.0	0.15	5.4	0.3	0.7	80
118480406	0.6	3.2	0.6	1.5	0.2	1.4	0.2	0.1	< 0.05	0.7	0.001	2.0	0.16	7.5	1.1	15.6	60
118480407	0.2	1.2	0.2	0.6	0.1	0.6	0.1	0.1	< 0.05	0.2	0.004	1.0	0.05	5.8	1.3	2.9	60
118480408	0.3	1.6	0.3	0.7	0.1	0.7	0.1	0.1	< 0.05	0.3	0.001	1.1	0.08	6.0	1.2	1.8	40
118480409	0.3	1.5	0.3	0.9	0.1	0.9	0.1	< 0.1	< 0.05	0.2	0.004	1.2	0.11	2.0	0.1	0.9	120
118480410	0.4	2.5	0.4	1.3	0.2	1.2	0.2	0.1	< 0.05	0.9	0.002	1.0	0.24	11.3	4.5	2.7	170
118480411	0.5	3.4	0.6	1.8	0.2	1.7	0.2	< 0.1	< 0.05	0.2	0.007	1.8	0.60	7.3	2.3	4.5	80
118480412	0.4	2.3	0.5	1.4	0.2	1.3	0.2	< 0.1	< 0.05	0.3	0.011	0.7	0.08	7.0	0.9	4.9	280
118480413	0.6	3.2	0.6	1.7	0.2	1.5	0.2	0.1	< 0.05	0.7	0.001	< 0.5	0.16	7.8	1.1	16.3	60
118480414	0.3	2.0	0.3	1.0	0.1	1.0	0.1	0.1	< 0.05	0.2	0.003	1.8	0.15	6.4	1.3	1.8	110
118480415	0.3	1.6	0.3	0.7	0.1	0.6	0.1	0.2	< 0.05	0.2	0.001	0.9	0.08	3.8	2.4	4.4	50
118480416	0.3	1.5	0.3	0.7	0.1	0.7	0.1	0.2	< 0.05	0.2	0.012	1.0	0.08	5.6	4.5	4.2	40
118480417	0.2	0.9	0.1	0.4	0.1	0.4	< 0.1	0.1	< 0.05	0.5	0.008	0.5	0.12	2.8	1.7	2.7	70
118480418	0.2	0.8	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.2	0.017	0.5	0.08	1.4	0.4	3.7	40
118480419	0.2	1.1	0.2	0.6	0.1	0.6	0.1	< 0.1	< 0.05	0.1	0.004	1.1	0.10	3.0	0.3	1.9	90
118480420	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 0.5	< 0.02	0.2	< 0.1	< 0.1	< 10
118480421	0.4	2.5	0.4	1.4	0.2	1.4	0.2	0.1	< 0.05	0.2	0.002	0.9	0.32	8.9	5.4	1.9	180
118480422	0.4	2.3	0.4	1.2	0.2	1.2	0.1	0.1	< 0.05	0.1	0.002	2.3	0.14	4.6	0.6	1.6	140
118480423	0.1	0.8	0.1	0.4	0.1	0.4	0.1	< 0.1	< 0.05	0.1	0.004	1.4	0.06	1.7	0.3	1.5	60
118480424	0.3	1.7	0.3	0.8	0.1	0.8	0.1	0.1	< 0.05	0.2	0.001	1.5	0.14	9.8	3.8	1.8	90
118480425	0.2	1.2	0.2	0.5	0.1	0.5	0.1	< 0.1	< 0.05	0.3	0.006	1.1	0.13	3.6	1.0	3.4	60
118480426	0.6	3.1	0.6	1.6	0.2	1.5	0.2	0.2	< 0.05	0.3	0.008	0.9	0.14	6.4	2.5	4.1	60
118480427	0.6	3.2	0.6	1.7	0.2	1.4	0.2	0.1	< 0.05	0.7	0.001	< 0.5	0.16	7.6	1.1	15.9	60
118480428	0.6	3.2	0.6	1.7	0.2	1.4	0.2	< 0.1	< 0.05	0.6	0.002	1.5	0.24	5.3	0.8	4.4	180
118480429	0.4	2.5	0.5	1.3	0.2	1.2	0.1	< 0.1	< 0.05	0.1	0.007	1.5	0.18	1.7	0.3	3.5	60
118480430	0.3	1.7	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.2	0.003	1.3	0.15	9.2	1.0	1.0	100
118480431	0.2	1.0	0.2	0.5	0.1	0.5	0.1	0.2	< 0.05	0.4	0.002	2.3	0.07	3.9	3.1	1.7	40
118480432	0.4	2.5	0.5	1.4	0.2	1.3	0.2	0.1	< 0.05	0.2	0.001	1.7	0.20	8.8	2.9	3.0	90
118480433	0.2	0.9	0.2	0.5	0.1	0.4	0.1	0.1	< 0.05	0.3	0.004	1.4	0.07	3.9	1.2	4.4	100
118480434	0.6	3.4	0.6	1.6	0.2	1.5	0.2	0.1	< 0.05	0.6	0.001	0.6	0.18	8.1	1.2	16.4	60
118480435	0.4	2.3	0.4	1.3	0.2	1.1	0.1	0.1	< 0.05	0.3	0.005	1.4	0.36	11.6	7.3	3.0	210
118480436	0.2	1.1	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	0.3	0.006	1.2	0.10	3.0	0.3	3.1	70
118480437	0.2	1.3	0.2	0.7	0.1	0.7	0.1	0.1	< 0.05	0.2	0.006	< 0.5	0.16	5.2	1.4	1.4	130
118480438	0.2	1.0	0.2	0.5	0.1	0.6	0.1	0.1	< 0.05	0.1	0.004	1.7	0.08	5.1	0.7	0.9	150
118480439	0.5	2.9	0.5	1.6	0.2	1.5	0.2	< 0.1	< 0.05	1.0	0.006	1.2	0.13	6.2	0.5	5.1	280
118480440	0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	0.1	< 0.05	0.1	0.002	1.8	0.03	4.3	1.1	1.4	40

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480441	0.5	3.2	0.6	1.5	0.2	1.4	0.2	0.1	< 0.05	0.6	0.002	0.5	0.16	7.7	1.0	16.0	60
118480442	0.6	3.3	0.6	1.7	0.2	1.5	0.2	0.3	< 0.05	0.2	0.004	1.4	0.24	8.3	8.0	3.2	190
118480443	0.4	2.1	0.4	1.0	0.1	0.9	0.1	< 0.1	< 0.05	0.3	0.004	2.5	0.08	1.4	0.7	4.0	60
118480444	0.2	1.1	0.2	0.6	0.1	0.5	0.1	0.1	< 0.05	0.3	0.004	1.6	0.20	4.6	1.1	3.5	70
118480445	0.6	3.2	0.6	1.6	0.2	1.5	0.2	0.1	< 0.05	0.1	0.005	2.3	0.32	5.2	2.8	2.3	120
118480446	< 0.1	0.2	< 0.1	0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.05	0.6	0.020	2.0	0.12	0.9	0.3	3.4	60
118480447	0.4	2.3	0.4	1.1	0.2	1.0	0.1	0.1	< 0.05	0.2	0.001	1.2	0.15	5.7	0.8	1.4	80
118480448	0.5	3.2	0.6	1.6	0.2	1.7	0.2	< 0.1	< 0.05	1.2	0.002	3.5	0.29	37.8	1.0	8.2	90
118480449	0.1	0.7	0.1	0.4	0.1	0.4	0.1	0.1	< 0.05	0.3	0.005	< 0.5	0.07	2.7	1.5	3.2	50
118480450	0.1	0.8	0.2	0.4	0.1	0.4	0.1	0.1	< 0.05	0.3	0.005	1.5	0.04	3.5	1.5	2.9	50
118480451	0.3	1.6	0.3	0.8	0.1	0.8	0.1	< 0.1	< 0.05	0.2	0.001	< 0.5	0.12	3.8	0.2	1.1	90
118480452	0.4	2.4	0.4	1.2	0.2	1.2	0.1	0.1	< 0.05	0.2	0.001	0.9	0.28	11.1	4.6	2.2	130
118480453	0.3	1.8	0.3	0.9	0.1	0.8	0.1	0.2	< 0.05	0.2	0.003	1.2	0.17	4.9	2.1	5.8	130
118480454	0.3	1.5	0.3	0.8	0.1	0.7	0.1	0.1	< 0.05	0.3	0.006	0.9	0.09	4.5	2.1	4.9	60
118480455	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.001	0.8	< 0.02	0.2	< 0.1	< 0.1	< 10
118480456	0.1	0.8	0.1	0.4	0.1	0.4	0.1	0.1	< 0.05	0.1	0.006	< 0.5	0.05	1.2	1.2	1.0	70
118480457	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	0.1	0.002	1.0	0.04	1.9	0.8	1.3	90
118480458	0.2	1.3	0.2	0.7	0.1	0.6	0.1	0.1	< 0.05	0.3	0.004	1.7	0.09	4.3	0.6	4.2	90
118480459	0.5	2.7	0.5	1.3	0.2	1.3	0.2	0.1	< 0.05	0.2	0.002	1.2	0.17	6.8	1.3	2.6	80
118480460	0.4	2.4	0.4	1.2	0.2	1.1	0.1	< 0.1	< 0.05	0.3	0.008	< 0.5	0.10	2.6	1.0	7.9	50
118480461	0.4	2.1	0.4	1.1	0.2	1.0	0.1	0.1	< 0.05	0.2	0.001	1.1	0.23	11.9	6.0	1.8	80
118480462	0.5	3.2	0.6	1.5	0.2	1.4	0.2	0.1	< 0.05	0.6	0.001	1.0	0.15	8.2	1.1	15.4	70
118480463	0.5	3.1	0.5	1.6	0.2	1.5	0.2	0.1	< 0.05	0.2	0.002	1.7	0.23	12.5	4.5	3.4	110
118480464	0.1	0.7	0.1	0.4	< 0.1	0.3	< 0.1	0.1	< 0.05	0.3	0.004	1.1	0.06	3.1	1.4	5.1	80
118480465	0.3	1.9	0.4	1.0	0.1	1.0	0.1	0.1	< 0.05	0.2	0.002	0.8	0.19	9.7	2.0	5.5	100
118480466	0.2	1.3	0.2	0.6	0.1	0.6	0.1	< 0.1	< 0.05	1.0	0.001	1.1	0.14	5.1	1.1	3.9	40
118480467	0.1	0.6	0.1	0.4	< 0.1	0.4	0.1	0.1	< 0.05	0.1	0.002	1.3	0.06	0.8	0.9	0.9	90
118480468	0.2	1.1	0.2	0.5	0.1	0.5	0.1	0.1	< 0.05	0.9	0.003	< 0.5	0.10	3.0	2.0	1.9	80
118480469	0.5	3.1	0.5	1.5	0.2	1.4	0.2	0.1	< 0.05	0.6	0.001	1.7	0.16	7.4	1.0	14.8	40
118480470	0.3	1.9	0.4	1.1	0.2	1.1	0.1	0.1	< 0.05	0.2	0.001	< 0.5	0.15	6.1	0.6	1.2	100
118480471	0.2	1.4	0.3	0.7	0.1	0.6	0.1	< 0.1	< 0.05	0.2	0.008	< 0.5	0.09	6.1	< 0.1	2.8	100
118480472	0.3	1.6	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.2	0.003	< 0.5	0.12	5.2	2.3	2.9	100
118480473	0.3	1.9	0.3	1.0	0.1	1.0	0.1	0.1	< 0.05	0.2	0.001	< 0.5	0.25	12.8	2.0	1.7	140
118480474	0.3	1.7	0.3	1.0	0.1	0.9	0.1	0.1	< 0.05	0.1	0.002	1.2	0.16	6.0	1.2	1.4	140
118480475	0.4	2.4	0.4	1.2	0.2	1.1	0.2	0.1	< 0.05	0.1	0.002	1.2	0.17	11.7	1.6	1.7	70
118480476	0.6	3.3	0.6	1.7	0.2	1.5	0.2	0.1	< 0.05	0.6	0.001	0.8	0.17	7.7	1.2	16.1	60
118480477	0.5	2.6	0.5	1.3	0.2	1.1	0.1	< 0.1	< 0.05	0.2	0.001	0.8	0.14	6.8	0.7	2.9	50
118480478	0.4	2.0	0.4	1.0	0.1	0.9	0.1	0.3	< 0.05	0.2	0.002	0.6	0.28	14.4	6.2	5.0	70
118480479	0.3	1.7	0.3	0.9	0.1	0.8	0.1	0.2	< 0.05	0.2	0.001	0.6	0.12	8.2	3.7	1.4	50
118480480	0.1	0.7	0.1	0.3	< 0.1	0.3	< 0.1	0.1	< 0.05	0.3	0.006	1.7	0.10	3.8	0.9	3.2	40
118480481	0.2	1.1	0.2	0.5	0.1	0.5	0.1	0.2	< 0.05	0.2	0.001	1.1	0.13	5.4	4.8	1.2	30
118480482	0.1	0.9	0.2	0.4	0.1	0.3	< 0.1	0.2	< 0.05	0.2	0.012	< 0.5	0.08	2.4	3.3	7.1	40

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480483	0.5	3.0	0.5	1.5	0.2	1.3	0.2	0.1	< 0.05	0.6	0.001	< 0.5	0.15	7.0	1.0	14.5	60
118480484	0.3	1.6	0.3	0.8	0.1	0.7	0.1	0.1	< 0.05	0.3	0.002	< 0.5	0.12	7.7	1.6	3.4	100
118480485	0.1	0.7	0.1	0.4	0.1	0.5	0.1	0.1	< 0.05	0.1	0.001	1.3	0.05	4.9	0.2	0.5	80
118480486	0.2	1.2	0.2	0.5	0.1	0.5	0.1	0.1	< 0.05	0.1	0.002	< 0.5	0.08	2.6	1.6	3.2	50
118480487	0.3	1.5	0.3	0.8	0.1	0.7	0.1	0.4	< 0.05	0.2	0.001	1.2	0.18	10.0	7.4	1.1	50
118480488	0.1	0.9	0.2	0.5	0.1	0.5	0.1	0.1	< 0.05	0.1	0.006	0.6	0.10	2.4	1.3	5.1	70
118480489	0.4	2.1	0.4	1.1	0.1	1.0	0.1	0.2	< 0.05	0.2	0.003	2.0	0.22	9.7	3.8	3.3	120
118480490	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.001	1.6	< 0.02	0.2	< 0.1	< 0.1	< 10
118480491	0.4	2.5	0.5	1.3	0.2	1.3	0.2	0.1	< 0.05	0.2	0.004	0.7	0.14	4.9	0.6	1.5	170
118480492	0.2	1.2	0.2	0.7	0.1	0.6	0.1	< 0.1	< 0.05	0.2	0.005	< 0.5	0.05	9.4	0.2	2.3	80
118480493	0.1	0.4	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.05	0.1	0.003	1.0	0.04	4.7	1.2	1.8	70
118480494	0.4	2.2	0.4	1.2	0.2	1.2	0.1	0.1	< 0.05	0.2	0.002	0.5	0.24	6.7	1.8	2.0	120
118480495	0.3	1.6	0.3	0.8	0.1	0.8	0.1	< 0.1	< 0.05	2.1	0.002	< 0.5	0.04	2.9	0.5	4.8	20
118480496	0.3	1.8	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.5	0.008	1.1	0.22	7.5	1.9	3.5	50
118480497	0.5	3.1	0.5	1.6	0.2	1.5	0.2	0.1	< 0.05	0.6	0.001	< 0.5	0.16	7.4	0.9	15.2	60
118480498	0.2	0.9	0.2	0.5	0.1	0.4	0.1	0.1	< 0.05	0.2	0.006	1.0	0.09	2.2	1.1	7.4	60
118480499	0.2	1.3	0.3	0.6	0.1	0.6	0.1	0.1	< 0.05	0.2	0.007	2.3	0.08	4.2	0.6	6.4	60
118480500	0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	< 0.1	< 0.05	0.1	0.004	0.8	0.03	1.0	0.7	1.1	70
118480501	0.2	1.5	0.3	0.7	0.1	0.5	0.1	0.1	< 0.05	0.2	0.004	< 0.5	0.07	1.7	1.2	5.0	60
118480502	0.4	2.5	0.5	1.4	0.2	1.4	0.2	0.1	< 0.05	0.2	0.003	2.0	0.18	6.2	0.5	1.5	160
118480503	0.2	0.9	0.2	0.5	0.1	0.4	0.1	0.1	< 0.05	0.1	0.003	0.7	0.05	5.8	1.6	2.5	40
118480504	0.5	3.0	0.6	1.5	0.2	1.4	0.2	0.1	< 0.05	0.6	0.001	0.6	0.15	7.4	0.8	14.7	60
118480505	0.3	1.7	0.3	0.9	0.1	0.9	0.1	0.1	< 0.05	0.3	0.005	1.2	0.17	4.1	2.1	3.6	150
118480506	0.2	1.0	0.2	0.5	0.1	0.5	0.1	0.2	< 0.05	0.2	0.003	< 0.5	0.07	4.9	2.4	2.4	50
118480507	0.3	1.8	0.4	1.1	0.1	1.0	0.1	0.2	< 0.05	0.3	0.001	1.1	0.17	11.0	1.4	2.3	80
118480508	0.2	0.9	0.2	0.4	0.1	0.4	< 0.1	0.2	< 0.05	0.1	0.002	0.9	0.12	3.3	3.2	3.0	60
118480509	0.3	1.5	0.3	0.7	0.1	0.7	0.1	< 0.1	< 0.05	0.3	0.003	0.8	0.14	5.4	0.6	2.4	80
118480510	0.2	1.3	0.2	0.6	0.1	0.5	0.1	< 0.1	< 0.05	1.2	0.003	0.5	0.22	2.5	0.3	5.1	40
118480511	0.5	3.2	0.6	1.6	0.2	1.4	0.2	0.1	< 0.05	0.6	0.001	0.9	0.16	7.4	1.0	15.5	50
118480512	0.3	1.6	0.3	0.8	0.1	0.9	0.1	0.1	< 0.05	0.1	0.004	1.4	0.16	6.8	2.3	4.5	140
118480513	0.2	0.9	0.2	0.4	0.1	0.4	0.1	< 0.1	< 0.05	0.2	0.013	1.9	0.13	2.7	1.1	1.5	60
118480514	0.5	2.7	0.5	1.4	0.2	1.2	0.1	0.2	< 0.05	0.4	0.002	1.8	0.20	2.3	7.3	3.6	50
118480515	0.3	1.7	0.3	0.8	0.1	0.8	0.1	0.2	< 0.05	0.2	0.005	0.6	0.11	6.3	1.7	2.4	120
118480516	0.5	2.6	0.5	1.4	0.2	1.3	0.2	0.2	< 0.05	0.2	0.002	1.0	0.13	9.6	0.8	1.7	150
118480517	0.2	1.2	0.2	0.6	0.1	0.5	0.1	0.3	< 0.05	0.2	0.003	< 0.5	0.09	6.4	4.3	3.7	50
118480518	0.4	2.4	0.5	1.3	0.2	1.4	0.2	< 0.1	< 0.05	0.3	0.003	1.9	0.32	76.7	0.6	25.9	170
118480519	0.6	3.7	0.7	1.9	0.3	1.7	0.2	0.2	< 0.05	0.3	0.003	1.6	0.17	8.9	1.7	3.3	60
118480520	0.1	0.5	0.1	0.3	< 0.1	0.3	< 0.1	0.1	< 0.05	0.2	0.002	< 0.5	0.06	3.0	2.3	0.4	60
118480521	0.1	0.8	0.2	0.4	0.1	0.4	0.1	0.1	< 0.05	0.1	0.007	0.7	0.10	1.5	0.7	10.4	50
118480522	0.2	1.4	0.2	0.7	0.1	0.6	0.1	0.3	< 0.05	0.3	0.005	< 0.5	0.15	6.3	5.7	1.6	50
118480523	0.3	1.6	0.3	0.9	0.1	0.9	0.1	< 0.1	< 0.05	0.5	0.003	1.5	0.18	6.2	1.3	4.7	70
118480524	0.3	1.4	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.1	0.005	1.1	0.13	4.7	0.8	2.9	140

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
118480525	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.001	1.2	< 0.02	0.3	< 0.1	< 0.1	< 10
118480526	0.3	1.6	0.3	0.8	0.1	0.8	0.1	0.1	< 0.05	0.8	0.005	0.7	0.13	7.5	1.5	2.6	100
118480527	0.3	1.6	0.3	0.8	0.1	0.7	0.1	< 0.1	< 0.05	0.1	0.002	< 0.5	0.07	3.2	0.1	0.8	150
118480528	0.1	0.8	0.1	0.4	0.1	0.4	< 0.1	0.1	< 0.05	0.1	0.003	< 0.5	0.09	4.4	0.7	3.1	100
118480529	0.6	3.6	0.7	2.0	0.3	1.9	0.2	< 0.1	< 0.05	0.4	0.003	< 0.5	0.15	5.7	0.5	4.1	150
118480530	0.2	0.9	0.2	0.5	0.1	0.4	< 0.1	0.2	< 0.05	0.2	0.002	0.5	0.12	4.6	3.7	1.6	30
118480531	0.2	0.9	0.1	0.5	0.1	0.4	< 0.1	0.1	< 0.05	0.5	0.004	0.8	0.11	3.6	1.6	2.1	50
118480532	0.6	3.3	0.5	1.7	0.2	1.5	0.2	0.1	< 0.05	0.6	0.001	< 0.5	0.16	7.8	1.1	15.8	60
118480533	0.4	2.1	0.4	1.1	0.1	1.0	0.1	0.1	< 0.05	0.3	0.003	1.4	0.25	5.6	4.3	4.7	70
118480534	0.3	1.6	0.3	0.8	0.1	0.6	0.1	0.3	< 0.05	0.3	0.002	0.8	0.11	5.7	7.9	1.5	40
118480535	0.2	0.9	0.2	0.4	0.1	0.4	< 0.1	0.1	< 0.05	0.3	0.006	0.5	0.09	2.9	1.8	3.8	70
118480536	0.2	1.3	0.2	0.7	0.1	0.7	0.1	0.1	< 0.05	0.2	0.007	< 0.5	0.13	3.6	0.8	4.1	60
118480537	0.7	4.4	0.7	2.3	0.3	2.1	0.3	0.1	< 0.05	0.2	0.001	1.3	0.28	14.7	3.5	1.8	240
118480538	0.1	0.7	0.1	0.3	0.1	0.3	< 0.1	0.1	< 0.05	0.2	0.002	0.5	0.09	1.7	1.5	3.1	70
118480539	0.5	3.2	0.5	1.7	0.2	1.4	0.2	0.1	< 0.05	0.6	0.001	< 0.5	0.15	7.3	1.1	15.1	50
118480540	0.4	2.0	0.3	1.0	0.1	0.9	0.1	0.1	< 0.05	0.3	0.003	1.0	0.07	4.4	1.3	1.9	40
118480541	0.3	1.8	0.3	0.9	0.1	0.8	0.1	0.2	< 0.05	0.3	0.001	1.7	0.25	7.9	5.1	5.2	60
118480542	0.2	1.0	0.2	0.5	0.1	0.5	0.1	< 0.1	< 0.05	0.2	0.002	< 0.5	0.06	1.2	0.1	0.4	70
118480543	0.2	1.2	0.2	0.6	0.1	0.5	0.1	0.4	< 0.05	0.1	0.006	< 0.5	0.09	3.8	3.8	3.3	40
118480544	0.6	3.3	0.6	1.7	0.2	1.5	0.2	0.2	< 0.05	0.2	0.001	1.1	0.12	9.6	3.0	2.3	40
118480545	0.6	3.3	0.6	1.8	0.2	1.7	0.2	0.1	< 0.05	0.3	0.005	2.3	0.15	11.3	1.8	5.4	340
118480546	0.5	3.1	0.5	1.6	0.2	1.4	0.2	0.1	< 0.05	0.5	0.001	< 0.5	0.15	7.4	1.2	15.0	60
118480547	0.1	0.8	0.1	0.4	0.1	0.4	0.1	0.1	< 0.05	0.3	0.004	1.4	0.06	3.1	1.2	3.4	60
118480548	0.1	0.7	0.1	0.4	0.1	0.4	< 0.1	0.1	< 0.05	0.2	0.007	< 0.5	0.08	3.0	1.3	6.9	60
118480549	0.2	1.3	0.3	0.9	0.1	1.1	0.2	0.1	< 0.05	0.1	0.011	1.3	0.10	1.4	0.5	1.6	250
118480550	0.3	1.9	0.4	1.1	0.2	1.0	0.1	0.1	< 0.05	0.4	0.002	0.9	0.19	9.7	2.1	5.1	110
118480551	0.4	1.9	0.3	1.0	0.1	0.9	0.1	0.1	< 0.05	0.3	0.001	4.8	0.08	3.9	1.0	1.8	40
118480552	0.3	1.6	0.3	0.7	0.1	0.6	0.1	0.1	< 0.05	0.3	0.005	< 0.5	0.11	5.3	1.5	3.0	70
118480553	0.3	1.5	0.3	0.8	0.1	0.8	0.1	0.2	< 0.05	0.2	0.004	< 0.5	0.16	6.8	2.6	2.7	120

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	0.005	< 1	0.046	5.0	0.8	15	0.045	0.12	0.32	0.04	1420	0.88	1.4	77	13	828	23.1	7.8	42.8	1200	837	4.16	
GXR-1 Cert	0.036	0.257	0.0650	8.20	1.22	15.0	0.0520	0.217	3.52	0.050	1380	0.960	1.58	80.0	12.0	852	23.6	8.20	41.0	1110	760	13.8	
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	0.125	2	0.135	9.2	1.4	5	0.163	1.52	2.78	1.83	16.8	0.91	6.7	82	54	135	2.90	14.1	40.3	6800	70.1	8.78	
GXR-4 Cert	0.29	1.77	0.120	11.1	1.90	4.50	0.564	1.66	7.20	4.01	19.0	1.01	7.70	87.0	64.0	155	3.09	14.6	42.0	6520	73.0	20.0	
GXR-6 Meas		< 1	0.035	27.7	0.8	6	0.068	0.37	6.50	1.03	0.15	0.16	20.7	175	71	955	5.15	12.9	23.0	63.4	119	15.3	
GXR-6 Cert		0.0160	0.0350	32.0	1.40	9.80	0.104	0.609	17.7	1.87	0.290	0.180	27.6	186	96.0	1010	5.58	13.8	27.0	66.0	118	35.0	
OREAS 45d (Aqua Regia) Meas		< 1	0.035	16.9			0.040	0.14	5.08	0.11	0.24	0.10	36.7	204	449	369	12.4	26.5	204	334	33.2	13.3	
OREAS 45d (Aqua Regia) Cert		0.045	0.035	11.9			0.031	0.144	4.860	0.097	0.30	0.089	41.50	201.0	467	400.000	13.650	26.2	176.0	345.0	30.6	17.9	
SdAR-M2 (U.S.G.S.) Meas				14.2	4.5						0.97		2.5	19	11			13.6	51.4	252	859	3.29	
SdAR-M2 (U.S.G.S.) Cert				17.9	6.6						1.05		4.1	25.2	49.6			12.4	48.8	236.0000	760	17.6	
118480400 Orig	0.094	1	0.055	14.7	0.4	8	0.058	0.49	1.35	0.22	0.06	0.89	4.5	34	35	193	1.96	7.8	23.7	41.4	131	3.62	< 0.1
118480400 Dup	0.088	1	0.054	13.9	0.4	8	0.049	0.47	1.24	0.20	0.05	0.84	4.3	32	33	181	1.86	7.6	22.5	41.7	129	3.42	< 0.1
118480429 Orig	0.014	3	0.038	6.5	0.9	7	0.027	0.15	2.31	0.04	0.02	0.54	1.5	9	12	299	1.95	36.4	139	53.8	1690	0.75	< 0.1
118480429 Dup	0.015	3	0.039	6.8	0.9	7	0.029	0.14	2.41	0.04	0.02	0.56	1.6	10	13	314	2.05	38.8	145	56.1	1810	0.79	< 0.1
118480430 Orig	0.063	2	0.065	11.2	0.8	5	0.040	0.34	1.38	0.15	0.07	0.44	2.7	32	26	556	2.97	24.8	61.5	30.5	126	3.19	< 0.1
118480430 Dup	0.067	2	0.065	11.3	0.8	6	0.039	0.33	1.37	0.16	0.07	0.43	2.9	32	26	534	2.93	24.2	59.8	30.3	122	3.16	< 0.1
118480441 Orig	0.060	< 1	0.082	7.9	0.5	3	0.041	0.21	1.10	0.11	0.10	0.36	2.4	30	27	240	1.47	8.9	16.1	22.6	55.8	2.99	< 0.1
118480441 Dup	0.060	< 1	0.081	8.2	0.5	3	0.039	0.22	1.13	0.11	0.10	0.37	2.3	30	28	254	1.55	9.7	17.2	23.4	57.4	3.10	< 0.1
118480452 Orig	0.139	< 1	0.087	23.0	0.8	7	0.058	0.77	2.11	0.33	0.10	0.51	5.6	56	46	571	3.30	14.5	35.5	52.3	139	6.65	< 0.1
118480452 Dup	0.137	< 1	0.087	22.4	0.7	8	0.059	0.75	2.17	0.32	0.09	0.49	5.5	57	46	550	3.19	14.3	34.9	52.4	142	6.61	< 0.1
118480472 Orig	0.072	2	0.062	12.2	0.4	12	0.058	0.43	1.12	0.12	0.05	0.76	3.4	28	28	284	3.30	13.9	36.5	47.4	253	2.49	< 0.1
118480472 Dup	0.070	2	0.061	12.3	0.4	8	0.055	0.44	1.13	0.12	0.05	0.76	3.7	28	28	285	3.35	13.8	35.5	46.7	252	2.52	< 0.1
118480487 Orig	0.101	< 1	0.060	22.6	0.5	11	0.057	0.78	1.32	0.27	0.09	0.53	5.1	44	48	256	2.89	10.8	29.9	25.7	65.2	4.61	< 0.1
118480487 Dup	0.100	< 1	0.060	22.9	0.5	11	0.055	0.80	1.39	0.27	0.10	0.50	5.1	44	50	258	2.90	10.9	29.9	25.6	63.0	4.67	< 0.1
118480508 Orig	0.067	1	0.042	9.7	0.1	6	0.041	0.43	0.74	0.11	0.04	0.67	4.4	24	34	212	1.72	7.8	34.3	26.4	70.5	2.09	< 0.1
118480508 Dup	0.068	1	0.038	9.1	0.1	6	0.035	0.40	0.67	0.10	0.04	0.66	3.4	23	32	205	1.65	7.4	34.0	25.3	68.9	1.86	< 0.1
118480517 Orig	0.057	2	0.045	10.2	0.3	9	0.043	0.41	0.73	0.13	0.06	0.60	3.1	25	25	228	2.27	5.3	25.5	53.5	61.2	2.22	< 0.1
118480517 Dup	0.061	2	0.046	10.2	0.3	9	0.037	0.42	0.73	0.13	0.07	0.62	3.3	26	26	238	2.32	5.5	26.2	55.3	60.9	2.28	< 0.1
118480533 Orig	0.074	1	0.109	6.9	0.4	7	0.043	0.36	1.11	0.09	0.05	0.71	3.8	30	29	961	10.4	46.0	40.3	53.1	286	2.23	< 0.1
118480533 Dup	0.072	1	0.106	6.6	0.4	7	0.042	0.34	1.05	0.09	0.05	0.69	3.6	29	28	936	10.3	44.5	40.4	52.8	281	2.24	< 0.1
118480543 Orig	0.075	2	0.053	8.0	0.2	5	0.055	0.42	0.63	0.11	0.05	0.75	3.2	24	22	176	1.81	4.7	19.1	27.2	44.2	2.00	< 0.1
118480543 Dup	0.076	2	0.053	7.8	0.2	6	0.053	0.44	0.61	0.12	0.04	0.75	3.6	24	23	181	1.83	5.0	25.6	28.7	46.6	2.02	< 0.1
Method Blank	< 0.001	< 1	0.001	0.1	< 0.1	10	0.011	< 0.01	< 0.01	0.01	< 0.02	0.01	0.2	2	2	< 1	< 0.01	< 0.1	0.1	< 0.2	1.7	0.17	0.1
Method Blank	< 0.001	< 1	0.002	0.1	< 0.1	6	0.011	< 0.01	< 0.01	0.01	< 0.02	0.01	0.2	1	2	< 1	0.01	< 0.1	0.1	0.7	1.4	0.17	0.1

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	421	2.2	180	27.2	10.9	0.1	17.6	30.3	0.68	21.6	70.9	15.6	2.56	209	5.2	10.0	2.01		6.09	2.2	15.0	0.6	2.9
GXR-1 Cert	427	14.0	275	32.0	38.0	0.800	18.0	31.0	0.770	54.0	122	13.0	3.00	750	7.50	17.0	3.30		18.0	2.70	16.6	0.690	4.20
DH-1a Meas																							
DH-1a Cert																							
GXR-4 Meas	99.7	97.4	92.4	11.5	10.3	0.1	311	3.28	0.18	5.24	1.94	0.96	2.11	26.6	50.4	96.6	0.15		37.1	5.6	4.7	1.5	3.9
GXR-4 Cert	98.0	160	221	14.0	186	10.0	310	4.00	0.270	5.60	4.80	0.970	2.80	1640	64.5	102	0.860		45.0	6.60	5.60	1.63	5.25
GXR-6 Meas	223	59.9	31.0	6.10	12.4	< 0.1	0.63	0.226	0.05	0.95	0.38	0.02	2.97	948	10.0	28.4	0.08		9.77	2.1	< 0.1	0.6	1.6
GXR-6 Cert	330	90.0	35.0	14.0	110	7.50	2.40	1.30	0.260	1.70	3.60	0.0180	4.20	1300	13.9	36.0	1.00		13.0	2.67	0.940	0.760	2.97
OREAS 45d (Aqua Regia) Meas	3.6	22.9	13.1	4.55					0.06	1.78				87.8	10.7	24.6							
OREAS 45d (Aqua Regia) Cert	6.50	20.9	11.0	5.08					0.085	1.950				80	9.960	24.8							
SdAR-M2 (U.S.G.S.) Meas		19.1	22.1	17.2	10.0	3.4	13.0						0.80	119	41.2	90.5	3.81	11.2	34.0	5.8		0.7	4.4
SdAR-M2 (U.S.G.S.) Cert		149	144	32.7	259	26.2	13.3						1.82	990	46.6	98.8	5.1	11.0	39.4	7.18		1.44	6.28
118480400 Orig	1.6	19.6	22.8	9.51	8.8	2.5	1.13	0.121	0.02	0.61	0.19	0.02	0.96	38.7	26.4	38.0	0.34	7.1	22.3	3.3	1.2	0.7	2.3
118480400 Dup	1.8	18.2	21.5	9.15	8.5	2.3	1.02	0.111	0.02	0.49	0.15	0.02	0.93	28.2	25.6	36.8	0.35	6.9	21.5	3.2	1.1	0.7	2.3
118480429 Orig	< 0.1	2.4	12.1	17.3	1.4	0.5	1.23	0.065	< 0.02	0.14	0.08	< 0.02	0.23	9.9	44.3	66.5	3.11	8.7	26.5	3.3	0.6	1.0	3.3
118480429 Dup	< 0.1	2.4	13.1	17.6	1.5	0.5	1.28	0.066	< 0.02	0.15	0.08	0.03	0.22	13.3	45.3	67.7	3.18	8.9	27.0	3.9	0.8	1.1	3.2
118480430 Orig	4.4	12.8	22.2	10.2	3.6	2.0	0.95	0.168	< 0.02	0.48	0.20	0.04	0.76	9.6	32.3	56.0	0.43	7.1	22.2	3.5	0.3	0.8	2.5
118480430 Dup	4.4	12.8	21.9	10.2	3.7	2.1	0.92	0.165	< 0.02	0.46	0.18	0.04	0.77	9.4	31.7	54.4	0.44	6.9	21.9	3.0	0.3	0.8	2.6
118480441 Orig	0.5	9.3	24.0	16.9	2.9	2.6	3.23	0.122	< 0.02	0.59	0.05	0.02	0.88	67.5	46.0	88.4	0.22	12.3	39.4	6.1	0.3	1.1	4.4
118480441 Dup	0.2	9.5	24.1	17.0	2.8	2.7	3.32	0.131	0.02	0.59	0.05	< 0.02	0.88	66.8	46.1	88.7	0.23	12.4	40.0	5.9	0.2	1.1	4.6
118480452 Orig	1.5	31.1	21.7	12.2	6.0	2.9	1.81	0.201	0.02	0.71	0.12	0.04	1.56	150	37.7	74.1	0.43	10.1	31.9	4.5	0.2	1.1	3.3
118480452 Dup	1.6	31.7	22.0	12.4	6.1	3.0	1.87	0.198	0.03	0.75	0.13	0.04	1.60	152	38.4	75.5	0.45	10.4	32.3	5.0	0.1	1.1	3.4
118480472 Orig	1.2	11.8	22.2	8.93	4.5	2.0	1.69	0.123	< 0.02	0.38	0.09	0.05	0.79	8.6	24.2	37.7	0.39	6.4	19.9	3.2	0.9	0.8	2.2
118480472 Dup	1.0	11.8	20.3	8.85	4.7	1.9	1.64	0.114	< 0.02	0.37	0.10	0.03	0.78	10.7	24.1	37.0	0.36	6.3	19.7	2.7	0.8	0.8	2.1
118480487 Orig	2.0	24.3	19.7	7.79	13.3	2.6	0.92	0.059	0.02	0.61	0.07	0.04	1.18	65.3	23.9	49.1	0.08	6.4	21.1	2.7	< 0.1	0.7	2.3
118480487 Dup	1.6	25.1	20.6	7.96	13.7	2.6	0.96	0.065	0.02	0.61	0.07	0.04	1.22	59.0	24.7	50.2	0.07	6.7	20.9	3.3	< 0.1	0.7	2.4
118480508 Orig	< 0.1	8.5	19.0	4.73	6.5	1.8	0.77	0.070	< 0.02	0.27	0.04	0.02	0.59	61.8	13.4	24.7	0.19	3.7	11.8	2.0	0.9	0.4	1.4
118480508 Dup	0.2	8.0	18.8	4.63	6.0	1.8	0.75	0.062	< 0.02	0.24	0.03	< 0.02	0.60	24.9	12.7	23.5	0.18	3.5	11.4	1.7	0.9	0.4	1.4
118480517 Orig	2.1	9.7	13.0	5.91	12.2	1.7	1.15	0.055	< 0.02	0.37	0.12	0.02	0.59	13.5	14.8	28.4	0.16	4.1	12.9	2.2	0.7	0.5	1.6
118480517 Dup	2.4	10.3	13.4	6.38	13.2	1.9	1.30	0.055	< 0.02	0.37	0.14	0.04	0.60	14.0	16.1	30.6	0.18	4.4	13.3	2.7	0.8	0.5	1.7
118480533 Orig	3.4	6.2	18.4	11.4	5.2	2.0	5.42	0.122	0.03	0.40	0.09	0.15	0.39	20.4	36.8	67.6	0.59	9.6	29.9	3.9	0.6	1.2	3.2
118480533 Dup	3.2	6.1	18.5	11.0	5.4	2.0	5.29	0.121	0.03	0.39	0.10	0.13	0.39	26.5	36.7	67.5	0.65	9.4	29.1	4.3	0.6	1.2	3.2
118480543 Orig	0.3	8.1	17.6	6.29	12.5	2.0	1.21	0.056	< 0.02	0.37	0.05	0.03	0.43	29.2	15.3	28.9	0.09	4.5	14.3	2.4	0.7	0.5	1.7
118480543 Dup	0.2	8.2	16.9	6.49	12.5	2.1	1.24	0.059	< 0.02	0.38	0.06	0.03	0.43	16.3	15.9	29.6	0.13	4.6	15.0	2.0	0.7	0.6	1.8
Method Blank	< 0.1	< 0.1	2.5	0.01	0.1	< 0.1	0.07	0.003	< 0.02	0.12	< 0.02	< 0.02	< 0.02	8.8	< 0.5	0.02	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.1	1.6	0.01	0.2	< 0.1	0.11	0.004	< 0.02	0.13	< 0.02	0.02	< 0.02	9.1	< 0.5	0.02	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	0.6	4.0			0.3	2.1	0.2	0.2	< 0.05	149		3670	0.34	760	1.5	32.0	4660
GXR-1 Cert	0.830	4.30			0.430	1.90	0.280	0.960	0.175	164		3300	0.390	730	2.44	34.9	3900
DH-1a Meas															> 200	2480	
DH-1a Cert															910	2629	
GXR-4 Meas	0.4	2.3			0.1	0.8	0.1	0.3	< 0.05	8.8		630	2.70	44.0	18.9	4.9	140
GXR-4 Cert	0.360	2.60			0.210	1.60	0.170	6.30	0.790	30.8		470	3.20	52.0	22.5	6.20	110
GXR-6 Meas	0.2	1.4				0.7	0.1	0.3	< 0.05	< 0.1		61.4	1.77	93.4	3.9	1.0	70
GXR-6 Cert	0.415	2.80				2.40	0.330	4.30	0.485	1.90		95.0	2.20	101	5.30	1.54	68.0
OREAS 45d (Aqua Regia) Meas												14.5		16.1	10.0	1.6	
OREAS 45d (Aqua Regia) Cert												21		17.00	11.3	1.64	
SdAR-M2 (U.S.G.S.) Meas	0.6	3.5	0.6	1.7	0.3	1.7	0.2	0.3	< 0.05	0.9				840	12.7	1.7	1330
SdAR-M2 (U.S.G.S.) Cert	0.97	5.88	1.21	3.58	0.54	3.63	0.54	7.29	1.8	2.8				808	14.2	2.53	1440.00
118480400 Orig	0.3	1.7	0.3	0.9	0.1	0.9	0.1	0.2	< 0.05	0.2	0.004	1.0	0.14	6.9	4.0	3.1	110
118480400 Dup	0.3	1.6	0.3	0.9	0.1	0.9	0.1	0.2	< 0.05	0.2	0.004	1.6	0.14	6.3	3.9	3.0	90
118480429 Orig	0.4	2.6	0.5	1.3	0.2	1.2	0.1	< 0.1	< 0.05	0.1	0.007	1.6	0.18	1.6	0.3	3.5	60
118480429 Dup	0.4	2.5	0.5	1.3	0.2	1.2	0.1	< 0.1	< 0.05	0.1	0.007	1.4	0.18	1.7	0.2	3.5	70
118480430 Orig	0.3	1.7	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.2	0.003	0.5	0.15	9.2	0.9	1.0	90
118480430 Dup	0.3	1.7	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.1	0.003	2.0	0.15	9.2	1.1	1.0	100
118480441 Orig	0.5	3.2	0.6	1.6	0.2	1.4	0.2	0.1	< 0.05	0.6	0.001	0.5	0.16	7.6	1.0	15.8	50
118480441 Dup	0.5	3.2	0.5	1.5	0.2	1.4	0.2	0.1	< 0.05	0.6	0.002	0.5	0.16	7.8	1.0	16.1	60
118480452 Orig	0.4	2.4	0.4	1.2	0.2	1.2	0.1	0.1	< 0.05	0.2	0.001	0.6	0.28	11.2	4.5	2.2	120
118480452 Dup	0.4	2.4	0.4	1.2	0.2	1.1	0.1	0.1	< 0.05	0.2	0.001	1.1	0.28	11.0	4.7	2.1	130
118480472 Orig	0.3	1.6	0.3	0.9	0.1	0.8	0.1	0.1	< 0.05	0.2	0.003	< 0.5	0.12	5.2	2.2	2.9	100
118480472 Dup	0.3	1.6	0.3	0.8	0.1	0.8	0.1	0.1	< 0.05	0.2	0.003	0.6	0.12	5.2	2.4	2.9	100
118480487 Orig	0.3	1.6	0.3	0.7	0.1	0.7	0.1	0.4	< 0.05	0.2	0.001	1.3	0.17	9.9	7.4	1.1	40
118480487 Dup	0.3	1.5	0.3	0.8	0.1	0.7	0.1	0.4	< 0.05	0.2	0.001	1.1	0.18	10.1	7.5	1.1	60
118480508 Orig	0.2	0.9	0.2	0.4	0.1	0.4	0.1	0.2	< 0.05	0.1	0.002	1.2	0.13	3.4	3.2	3.0	60
118480508 Dup	0.2	0.9	0.2	0.4	0.1	0.4	< 0.1	0.1	< 0.05	0.1	0.002	0.6	0.11	3.3	3.1	2.9	60
118480517 Orig	0.2	1.1	0.2	0.5	0.1	0.5	0.1	0.3	< 0.05	0.2	0.003	4.0	0.09	6.2	4.2	3.6	50
118480517 Dup	0.2	1.2	0.2	0.6	0.1	0.5	0.1	0.3	< 0.05	0.2	0.003	< 0.5	0.10	6.6	4.4	3.8	60
118480533 Orig	0.4	2.1	0.3	1.1	0.1	1.0	0.1	0.1	< 0.05	0.3	0.003	0.7	0.25	5.6	4.3	4.8	70
118480533 Dup	0.4	2.1	0.4	1.1	0.1	1.0	0.1	0.1	< 0.05	0.3	0.003	2.1	0.25	5.5	4.2	4.6	80
118480543 Orig	0.2	1.1	0.2	0.6	0.1	0.5	0.1	0.4	< 0.05	0.1	0.006	0.5	0.10	3.8	3.7	3.3	30
118480543 Dup	0.2	1.3	0.2	0.6	0.1	0.5	0.1	0.3	< 0.05	0.1	0.006	< 0.5	0.09	3.8	3.8	3.3	40
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.7	< 0.02	0.2	< 0.1	< 0.1	< 10
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	0.7	< 0.02	0.1	< 0.1	< 0.1	20

IOS Services Géoscientifiques inc.
1319, boulevard Saint-Paul
Chicoutimi, Québec, Canada
G7J 3Y2
418-698-4498

CERTIFICAT : IOS18-0009

À : M. Sylvain Trépanier
Midland Exploration inc.
132 boul. Labelle, bureau 220
Rosemère (Québec)
J7A 2H1

Projet :	1184
Date du certificat :	2018-04-09
Nombre d'échantillons :	563
Type d'échantillons :	Sédiments lacustres

Préparation des échantillons :	Séchage, tamisage à 90 µm
Appareil utilisé :	Fournaise Lindberg/Blue 1100°C

Ce rapport contient des renseignements protégés et confidentiels à l'intention du destinataire.
Les résultats ne se rapportent qu'aux échantillons soumis à l'analyse.
Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro.



Projet Windfall 20 avril 2018

Signature:

Karen Gagné
Chimiste, OCQ 2003-137
Contrôle de la qualité

Échantillon/Sample	QCQA	Date	Poids sec / Dry weight	PAF / LOI (550°C)
			(g)	(%)
118480001		2018-02-28	5,7240	15,1817
118480002		2018-02-28	5,6420	25,9837
118480003		2018-02-28	5,9160	41,3962
118480004		2018-02-28	5,8110	19,0157
118480005		2018-02-28	5,6860	25,9937
118480006		2018-02-28	5,4740	54,5670
118480007	MRIMO-0	2018-02-28	3,2320	0,2785
118480008		2018-02-28	3,7430	79,0810
118480009		2018-02-28	5,4430	66,2319
118480010		2018-02-28	5,4480	58,2048
118480011		2018-02-28	5,6220	28,1750
118480012		2018-02-28	5,7610	28,3458
118480013		2018-02-28	2,2710	55,4822
118480014	SY-4	2018-02-28	3,0430	0,5258
118480015		2018-02-28	5,8550	24,1674
118480016		2018-02-28	5,5330	77,7878
118480017		2018-02-28	5,8340	8,8104
Standard	STDSED08	2018-02-28	3,4070	20,6927
118480018		2018-02-28	5,7790	16,9233
118480019		2018-02-28	5,9050	14,9704
118480021	LKSD-2	2018-02-28	3,0910	10,3526
118480020		2018-02-28	5,7200	23,3741
118480022		2018-02-28	4,8030	23,0065
118480023		2018-02-28	6,0300	12,6202
Duplicata	118480093-dup	2018-02-28	6,1980	5,9697
118480024		2018-02-28	5,5070	60,1780
118480025		2018-02-28	5,6620	41,3811
118480026		2018-02-28	5,3760	82,8311
118480027		2018-02-28	5,7520	31,5195
118480028	MRIMO-25	2018-02-28	3,3070	10,2207
118480029		2018-02-28	5,8050	19,8105
118480030		2018-02-28	5,6710	22,1654
118480031		2018-02-28	5,7390	29,5522
118480032		2018-02-28	5,6850	18,4872
118480033		2018-02-28	6,0100	6,0233
118480034		2018-02-28	6,1220	8,5920
118480035	SY-4	2018-02-28	3,0340	0,4285
118480036		2018-02-28	5,6810	23,5522
118480037		2018-02-28	6,0000	19,5500
118480038		2018-02-28	5,6550	49,9027
Standard	STDSED08	2018-02-28	3,0080	20,4122
118480039		2018-02-28	4,1320	35,0920
118480040		2018-02-28	5,9450	21,5475
118480041		2018-02-28	5,7120	12,9377
118480042	STSD-3	2018-02-28	3,0130	18,7853
118480043		2018-02-28	2,4150	49,4410
118480044		2018-02-28	5,4970	34,6553
118480045		2018-02-28	6,2480	10,5314
Duplicata	118480115-dup	2018-02-28	6,1470	7,7762
118480046		2018-02-28	5,7920	13,3805
118480047		2018-02-28	5,7530	39,6489
118480048		2018-02-28	5,7220	19,0842
118480049	MRIMO-50	2018-02-28	2,9070	21,7406
118480050		2018-02-28	5,7930	29,1041
118480051		2018-02-28	4,7140	54,0093
118480052		2018-02-28	5,5280	47,5398
118480053		2018-02-28	6,0150	12,7182
118480054		2018-02-28	5,6010	24,7456
118480055		2018-02-28	5,4670	44,3936
118480056	SY-4	2018-02-28	3,2170	0,3108
118480057		2018-02-28	4,8900	26,8507
118480058		2018-02-28	5,8700	6,2351
118480059		2018-02-28	5,5140	38,6471
118480060		2018-02-28	5,7610	22,1316
Standard	STDSED08	2018-02-28	3,1370	20,1466
118480061		2018-02-28	5,5840	30,8918
118480062		2018-02-28	5,8910	5,0586
118480063	LKSD-4	2018-02-28	2,9360	36,6144
118480064		2018-02-28	5,9150	25,5114
118480065		2018-02-28	5,7790	27,3404
118480066		2018-02-28	5,7770	28,1288
118480067		2018-02-28	5,8270	31,2511
118480068		2018-02-28	5,5700	35,6194
118480069		2018-02-28	5,8610	17,9321
Duplicata	118480106-dup	2018-02-28	5,8250	30,9700
118480071		2018-02-28	1,7190	10,1222
118480072		2018-02-28	5,6320	25,9588
118480073		2018-02-28	5,7120	22,4265
118480074		2018-02-28	6,0820	6,3302
118480075		2018-02-28	5,6810	16,5112
118480076		2018-02-28	5,8960	9,4471
118480077	MRIMO-100	2018-02-28	2,8070	51,9772
118480078		2018-02-28	5,6810	32,8815

Échantillon/Sample	QCQA	Date	Poids sec / Dry weight	PAF / LOI (550°C)
			(g)	(%)
118480079		2018-02-28	5,7070	17,3121
118480080		2018-02-28	5,4940	40,2985
118480081		2018-02-28	5,2300	8,5468
118480082		2018-02-28	5,0970	16,1468
118480083		2018-02-28	5,6610	28,1399
118480084	SY-4	2018-02-28	3,0270	0,3634
118480085		2018-02-28	5,7100	19,7723
118480086		2018-02-28	5,6630	41,7447
118480087		2018-02-28	5,4340	9,2565
118480088		2018-02-28	5,6780	15,4104
118480089		2018-02-28	4,6260	28,0588
118480090		2018-02-28	5,6930	20,2529
118480091	STDSED08	2018-02-28	3,0170	20,0862
118480092		2018-02-28	5,7800	10,6401
118480093		2018-02-28	6,3120	5,8143
118480094		2018-02-28	5,7000	54,7544
Duplicata	118480122-dup	2018-02-28	5,9100	10,6261
118480095		2018-03-07	5,7018	29,8853
118480096		2018-03-07	5,6575	25,3628
118480097		2018-03-07	5,6113	36,9344
118480098	OREAS-25a	2018-03-07	3,1510	8,4386
118480099		2018-03-07	5,5154	40,9508
118480100		2018-03-07	5,7697	20,3685
118480101		2018-03-07	5,5675	41,8662
118480102		2018-03-07	5,5309	49,2506
118480103		2018-03-07	5,6132	39,1096
118480104		2018-03-07	5,6067	25,7317
118480105	STDSED08	2018-03-07	3,0785	20,5067
118480106		2018-03-07	5,6933	31,1682
118480107		2018-03-07	5,5782	41,9723
118480108		2018-03-07	5,5774	30,8531
118480109		2018-03-07	5,7739	10,2444
118480110		2018-03-07	5,4393	48,8188
118480111		2018-03-07	5,6556	33,2043
118480112	MRIMO-0	2018-03-07	3,1695	0,3786
118480113		2018-03-07	5,5875	48,1199
118480114		2018-03-07	5,6436	31,3665
118480115		2018-03-07	5,9480	7,9237
118480116		2018-03-07	5,6582	36,4321
118480117		2018-03-07	5,4943	36,4833
118480118		2018-03-07	5,7873	9,1528
118480120		2018-03-07	5,6112	32,9056
118480121		2018-03-07	5,8945	9,8923
118480122		2018-03-07	5,8552	10,3942
118480123		2018-03-07	5,7479	9,6888
118480124		2018-03-07	5,8269	11,1826
118480125		2018-03-07	5,7636	21,0146
118480126	LKSD-2	2018-03-07	3,0020	9,9467
118480128		2018-03-07	5,7965	19,1702
118480129		2018-03-07	5,8914	9,1863
118480130		2018-03-07	5,6169	12,8024
118480131		2018-03-07	5,5258	41,4130
118480132		2018-03-07	5,9784	8,0640
118480133	STDSED08	2018-03-07	2,9400	20,0510
118480134		2018-03-07	5,7412	17,1323
118480135		2018-03-07	5,3477	66,6417
118480136		2018-03-07	5,6359	34,3761
118480137		2018-03-07	5,6239	49,1598
118480138		2018-03-07	5,9273	6,7147
118480139		2018-03-07	5,7741	14,2827
118480140	MRIMO-25	2018-03-07	3,1193	10,0247
118480141		2018-03-07	5,9790	3,6427
118480142		2018-03-07	5,6055	29,8261
118480143		2018-03-07	5,8489	11,7766
118480144		2018-03-07	5,4040	63,2180
Duplicata	118480031-Dup	2018-03-07	5,4405	29,5193
118480145		2018-03-07	5,6479	25,4696
118480146		2018-03-07	5,6343	43,4535
118480147	STSD-3	2018-03-07	3,0307	17,5768
118480148		2018-03-07	5,6684	27,2264
118480149		2018-03-07	5,2423	70,7666
118480150		2018-03-07	5,8994	14,0557
118480151	STDSED08	2018-03-07	3,0464	19,3409
118480152		2018-03-07	5,7679	10,9260
118480153		2018-03-07	5,7039	16,0066
118480155		2018-03-07	4,9573	33,8430
118480157		2018-03-07	5,9478	9,1933
118480158		2018-03-07	5,9980	4,4248
118480159		2018-03-07	5,7465	11,1738
118480160		2018-03-07	5,5548	39,4596
118480161	MRIMO-50	2018-03-07	3,0746	24,5593
118480162		2018-03-07	5,8355	21,6588
118480163		2018-03-07	5,7646	16,3134

Échantillon/Sample	QCQA	Date	Poids sec / Dry weight	PAF / LOI (550°C)
			(g)	(%)
118480164		2018-03-07	5,6505	16,5012
118480165		2018-03-07	5,6907	21,5756
118480166		2018-03-07	5,6911	36,8224
118480167		2018-03-07	2,7171	15,1632
Duplicata	118480066-Dup	2018-03-07	5,6595	27,8982
118480169		2018-03-07	5,8135	12,7290
118480170		2018-03-07	5,9838	5,2809
118480171		2018-03-07	5,5983	39,5370
118480172		2018-03-07	5,6776	22,4514
118480173		2018-03-07	5,5978	31,0747
118480174		2018-03-07	5,5534	49,9028
118480175	LKSD-4	2018-03-07	2,9302	34,5232
118480176		2018-03-07	5,7728	23,6506
118480177		2018-03-07	5,8974	20,9804
118480178		2018-03-07	1,4129	41,4467
118480179		2018-03-07	5,6326	25,4234
118480180		2018-03-07	5,8965	6,8532
118480181		2018-03-07	5,6671	17,1128
118480182	STDSED08	2018-03-07	2,8784	19,5630
118480183		2018-03-07	5,8436	15,5726
118480184		2018-03-07	5,5758	35,2667
118480185		2018-03-07	5,8598	20,4324
118480186		2018-03-07	3,5794	38,6685
118480187		2018-03-07	5,8809	12,2617
118480188		2018-03-07	3,2758	31,4702
118480189	MRIMO-100	2018-03-07	2,8838	49,2302
118480190		2018-03-07	5,5544	36,0687
118480191		2018-03-07	5,4978	46,0639
118480192		2018-03-07	5,6288	17,7569
118480193		2018-03-07	5,8866	12,0681
118480194		2018-03-07	5,7640	35,6801
118480195		2018-03-07	5,7001	24,1943
Duplicata	118480088-Dup	2018-03-07	5,7206	14,9582
118480197		2018-03-15	5,6503	14,6488
118480198		2018-03-15	5,5365	60,9591
118480199		2018-03-15	5,9936	12,7252
118480200		2018-03-15	5,7497	20,5176
118480201		2018-03-15	5,7700	22,4263
118480202		2018-03-15	5,8236	12,8615
118480203	OREAS-25a	2018-03-15	5,9159	8,6496
118480204		2018-03-15	5,5381	30,9583
118480205		2018-03-15	5,5837	32,8528
118480206		2018-03-15	5,6975	25,1970
118480207		2018-03-15	5,8241	27,2574
118480208		2018-03-15	5,6522	36,1311
Standard	MRIMO-0	2018-03-15	6,2133	0,3557
118480209		2018-03-15	5,9270	9,4770
118480211		2018-03-15	5,7857	21,5151
118480212		2018-03-15	6,0293	11,4408
118480213	STDSED08	2018-03-15	5,8374	20,6376
118480214		2018-03-15	3,1380	54,6495
118480215		2018-03-15	4,4929	39,0127
Duplicata	Dup118480109	2018-03-15	5,8003	10,1822
118480219		2018-03-15	5,6967	21,5686
118480220		2018-03-15	5,0971	45,8045
118480221		2018-03-15	5,8509	7,0587
118480216		2018-03-15	5,5918	26,1114
118480218		2018-03-15	5,5351	30,5378
118480222		2018-03-15	5,4856	28,1337
118480223		2018-03-15	5,6893	33,1253
118480224	LKSD-2	2018-03-15	3,1212	10,4063
118480225		2018-03-15	5,6092	37,8753
118480226		2018-03-15	5,6001	34,9226
118480227		2018-03-15	5,9598	3,2300
118480228		2018-03-15	1,5174	53,8816
118480229		2018-03-15	1,0668	37,0454
118480230		2018-03-15	5,7706	22,7498
118480231	MRIMO-25	2018-03-15	6,0204	10,3847
118480232		2018-03-15	5,8051	15,6621
118480233		2018-03-15	5,8741	11,4026
118480234		2018-03-15	5,7407	13,4914
118480235		2018-03-15	5,9638	9,2626
118480236		2018-03-15	5,5434	39,8564
118480237		2018-03-15	5,9696	6,0791
118480238	STDSED08	2018-03-15	5,8085	20,2462
118480239		2018-03-15	5,6430	36,5798
118480240		2018-03-15	5,5376	21,2421
118480241		2018-03-15	4,1645	26,2240
118480242		2018-03-15	5,8310	9,8765
118480243		2018-03-15	5,5979	46,0351
118480244		2018-03-15	5,7123	10,8835
Duplicata	dup118480116	2018-03-15	5,5865	35,9724
118480246		2018-03-15	5,8117	16,5046

Échantillon/Sample	QCQA	Date	Poids sec / Dry weight	PAF / LOI (550°C)
			(g)	(%)
118480247		2018-03-15	5,5193	35,7364
118480248		2018-03-15	5,7537	8,1269
118480249		2018-03-15	4,8896	28,8981
118480250		2018-03-15	5,7884	9,8093
118480251		2018-03-15	5,7318	29,0607
118480252	STSD-3	2018-03-15	2,9285	17,9819
118480253		2018-03-15	5,9392	8,2873
118480255		2018-03-15	5,3899	54,4890
118480256		2018-03-15	5,5101	30,1936
118480257		2018-03-15	5,6135	49,3578
118480258		2018-03-15	5,8479	14,8754
118480260		2018-03-15	5,4611	52,4839
118480261	MRIMO-50	2018-03-15	5,9006	22,4248
118480262		2018-03-15	5,6767	31,1713
118480263		2018-03-15	5,5711	39,4590
118480264		2018-03-15	5,5284	50,8067
118480265		2018-03-15	5,6607	28,3287
118480266	STDSED08	2018-03-15	5,6865	20,3148
118480267		2018-03-15	5,6930	34,0559
118480268		2018-03-15	5,9259	21,3233
118480269		2018-03-15	5,5287	46,4178
118480270		2018-03-15	4,3752	36,5012
118480271		2018-03-15	5,7733	26,6416
118480272		2018-03-15	5,6973	10,8981
Duplicata	dup118480125	2018-03-15	5,6976	21,1247
118480156		2018-03-15	5,6895	22,4589
118480127		2018-03-15	1,4663	76,8056
118480151		2018-03-15	5,7456	31,2709
118480213		2018-03-15	4,9782	36,1155
118480254		2018-03-15	2,4368	6,7589
118480273	MRIMO-100	2018-03-15	5,5992	48,5319
118480274		2018-03-15	5,9801	15,8459
118480275		2018-03-15	5,5768	42,9601
118480276		2018-03-15	5,7185	28,9551
118480277		2018-03-15	5,9261	13,0761
118480278		2018-03-15	5,5063	52,5652
118480279		2018-03-15	5,6910	34,2523
118480280	LKSD-4	2018-03-15	2,8904	36,3168
118480281		2018-03-15	5,8825	8,2754
118480282		2018-03-15	5,6166	30,6876
118480283		2018-03-15	5,5808	28,2612
118480284		2018-03-15	5,5653	53,5407
118480285		2018-03-15	5,9550	12,9471
118480286		2018-03-15	5,6043	30,3624
118480287	STDSED08	2018-03-15	5,8189	20,3269
118480288		2018-03-15	5,9344	5,6535
118480289		2018-03-15	5,7637	9,9624
118480290		2018-03-15	5,7644	21,5165
Duplicata	dup118480132	2018-03-15	5,8775	8,1991
118480291		2018-03-15	5,6522	46,0829
118480292		2018-03-26	5,9149	8,7356
118480293		2018-03-26	6,1784	7,7382
118480294	STDSED08	2018-03-26	5,4922	21,2592
118480295		2018-03-26	5,1190	21,5315
118480296		2018-03-26	6,8166	11,4485
118480297		2018-03-26	5,0619	16,1106
118480298		2018-03-26	5,9142	29,7876
118480299		2018-03-26	6,0879	9,7160
118480300		2018-03-26	6,7432	7,4015
118480301	MRIMO-100	2018-03-26	5,8189	52,6955
118480302		2018-03-26	5,4565	38,1178
118480303		2018-03-26	5,2295	33,6610
118480304		2018-03-26	5,2703	63,6681
118480305		2018-03-26	4,3959	48,3749
118480306		2018-03-26	5,3876	11,6694
118480307		2018-03-26	6,0551	39,6988
Duplicata	dup118480003	2018-03-26	5,1525	42,2242
118480309		2018-03-26	5,0404	30,9102
118480310		2018-03-26	4,8408	50,2541
118480311		2018-03-26	5,3383	37,1111
118480312		2018-03-26	6,3473	12,4541
118480313		2018-03-26	5,4193	27,1751
118480314		2018-03-26	5,3545	25,3731
118480315	MRIMO-0	2018-03-26	8,6625	0,3452
118480316		2018-03-26	6,3786	1,6555
118480317		2018-03-26	4,8275	43,4780
118480318		2018-03-26	6,3410	7,8805
118480319		2018-03-26	5,1780	40,2008
118480320		2018-03-26	5,5035	15,8844
118480321		2018-03-26	5,1005	30,0931
Duplicata	dup118480212	2018-03-26	6,0370	11,6465
118480323		2018-03-26	3,8410	26,3239
118480324		2018-03-26	4,9775	54,3847

Échantillon/Sample	QCQA	Date	Poids sec / Dry weight	PAF / LOI (550°C)
			(g)	(%)
118480325		2018-03-26	4,7674	54,7636
118480326		2018-03-26	4,8946	19,8934
118480327		2018-03-26	4,4304	22,7474
118480328		2018-03-26	5,6561	27,9733
118480329	LKSD-4	2018-03-26	3,0597	37,4285
118480330		2018-03-26	4,9610	47,7323
118480331		2018-03-26	5,2197	30,4424
118480332		2018-03-26	5,2440	18,9588
118480333		2018-03-26	5,4016	14,8030
118480334		2018-03-26	5,9026	21,9581
118480335		2018-03-26	5,3652	28,7613
118480337		2018-03-26	5,3461	26,1013
118480338		2018-03-26	5,9332	22,7449
118480339		2018-03-26	4,8045	29,6389
118480340		2018-03-26	5,4119	26,9148
118480341		2018-03-26	5,8572	13,4006
118480342		2018-03-26	5,9416	19,7135
118480343	OREAS-25a	2018-03-26	5,6788	8,6955
118480344		2018-03-26	5,0059	41,1654
118480345		2018-03-26	6,6451	7,2309
118480346		2018-03-26	5,9241	13,0923
118480347		2018-03-26	4,8712	24,0454
118480348		2018-03-26	5,5213	24,1537
118480349		2018-03-26	5,3277	9,6308
Duplicata	dup118480246	2018-03-26	5,3307	17,3767
118480351		2018-03-26	4,7934	39,9278
118480352		2018-03-26	4,7974	46,1708
118480353		2018-03-26	4,9249	25,5193
118480354		2018-03-26	5,2510	52,6585
118480355		2018-03-26	5,3504	15,1577
118480356		2018-03-26	5,4110	38,6638
118480357	MRIMO-25	2018-03-26	5,5687	14,9065
118480358		2018-03-26	5,7487	7,3773
118480359		2018-03-26	5,3047	25,8639
118480360		2018-03-26	4,9558	20,9290
118480361		2018-03-26	4,9477	43,3717
118480362		2018-03-26	5,6128	40,4985
118480363		2018-03-26	5,9367	31,6438
Duplicata	dup118480274	2018-03-26	5,7263	16,8765
118480365		2018-03-26	2,4004	40,5724
118480366		2018-03-26	4,9137	39,5160
118480367		2018-03-26	5,4362	11,4105
118480368		2018-03-26	5,5077	35,9497
118480369		2018-03-26	5,0324	22,8102
118480370		2018-03-26	4,8934	43,0498
118480371	SY-4	2018-03-26	4,4716	0,4607
118480372		2018-03-26	5,6713	16,9256
118480373		2018-03-26	5,4389	20,2854
118480374		2018-03-26	4,9068	40,7333
118480375		2018-03-26	4,1469	48,1396
118480376		2018-03-26	5,7527	21,7428
118480377		2018-03-26	5,6642	17,2787
118480378	STDSED08	2018-03-26	5,1808	20,9832
118480379		2018-03-26	5,1893	36,5078
118480380		2018-03-26	5,1175	33,0161
118480381		2018-03-26	5,5677	18,7582
118480382		2018-03-26	5,2137	29,4647
118480383		2018-03-26	5,9362	23,0821
118480384		2018-03-26	5,3651	32,9108
Duplicata	dup118480318	2018-03-26	5,3560	7,9145
118480386		2018-03-26	5,1988	59,8003
118480387		2018-03-27	5,5118	34,3227
118480388		2018-03-27	5,8199	15,7013
118480389		2018-03-27	5,8579	35,8371
118480390		2018-03-27	3,4995	22,4889
118480391		2018-03-27	2,1177	47,5044
118480392	LKSD-2	2018-03-27	4,9670	10,8315
118480393		2018-03-27	3,2936	84,0782
118480394		2018-03-27	4,7556	23,2316
118480395		2018-03-27	6,5443	20,2955
118480396		2018-03-27	5,5108	21,6629
118480397		2018-03-27	5,1053	46,4733
118480398		2018-03-27	5,7207	33,9084
118480399	MRIMO-25	2018-03-27	5,5562	12,6507
118480400		2018-03-27	4,9875	25,8486
118480401		2018-03-27	5,1332	23,1474
118480402		2018-03-27	5,5551	39,5240
118480403		2018-03-27	5,8909	15,4221
118480404		2018-03-27	5,2790	40,4622
118480405		2018-03-27	6,1261	38,4192
Duplicata	dup118480337	2018-03-27	5,0061	27,1169
118480407		2018-03-27	5,7078	36,6621
118480408		2018-03-27	6,0727	16,3107

Échantillon/Sample	QCQA	Date	Poids sec / Dry weight	PAF / LOI (550°C)
			(g)	(%)
118480409		2018-03-27	5,3984	50,7095
118480410		2018-03-27	6,3537	8,8704
118480411		2018-03-27	5,8795	28,5483
118480412		2018-03-27	4,3387	32,1986
118480413	STDSED08	2018-03-27	6,3578	18,0597
118480414		2018-03-27	5,4818	30,1616
118480415		2018-03-27	4,9216	36,0472
118480416		2018-03-27	5,2677	17,3757
118480417		2018-03-27	5,5662	41,1537
118480418		2018-03-27	5,1061	43,8848
118480419		2018-03-27	5,2925	31,9055
Duplicata	dup118480358	2018-03-27	6,4921	7,6416
118480421		2018-03-27	4,9561	14,7515
118480422		2018-03-27	5,4725	31,2435
118480424		2018-03-27	5,7195	6,5443
118480425		2018-03-27	5,2369	36,0557
118480426		2018-03-27	5,2516	23,5319
118480427	MRIMO-0	2018-03-27	5,1997	0,4096
118480428		2018-03-27	5,3838	27,4063
118480429		2018-03-27	4,9715	35,6150
118480430		2018-03-27	4,9432	28,3359
118480431		2018-03-27	5,1118	23,4379
118480432		2018-03-27	5,6697	11,6003
118480433		2018-03-27	5,1248	33,6111
Duplicata	dup118480388	2018-03-27	5,4241	15,7906
118480435		2018-03-27	5,1958	12,1194
118480436		2018-03-27	5,1281	42,0858
118480437		2018-03-27	3,4494	58,9175
118480438		2018-03-27	4,8704	39,4567
118480439		2018-03-27	5,5940	31,4444
118480440		2018-03-27	4,7168	32,9779
Duplicata	118480381-DUP	2018-03-27	5,1291	18,6660
118480442		2018-03-27	5,5005	25,2413
118480443		2018-03-27	5,1932	30,6401
118480444		2018-03-27	5,5992	35,3015
118480445		2018-03-27	5,1289	28,9107
118480447		2018-03-27	5,0956	27,1391
118480448	MRIMO-100	2018-03-27	6,3321	50,9168
118480449		2018-03-27	5,2565	41,7749
118480450		2018-03-27	5,1556	43,0367
118480452		2018-03-27	5,4662	14,9171
118480454		2018-03-27	5,4949	27,3727
118480455	OREAS-25a	2018-03-27	7,3230	9,5999
118480456		2018-03-27	5,1090	48,6905
118480457		2018-03-27	4,8346	77,2122
118480458		2018-03-27	5,3653	28,0320
118480459		2018-03-27	5,8091	18,9014
118480460		2018-03-27	5,5750	29,2377
118480461		2018-03-27	6,2114	9,7885
Duplicata	118480205-DUP	2018-03-27	5,1235	33,9358
118480463		2018-03-27	5,6240	8,1277
118480464		2018-03-27	5,2652	42,6119
118480465		2018-03-27	5,6798	15,2065
118480466		2018-03-27	6,2887	8,7395
118480467		2018-03-27	5,1033	61,5151
118480468		2018-03-27	5,8826	42,5662
118480469	SY-4	2018-03-27	3,5629	0,4659
118480470		2018-03-27	5,0800	39,1870
118480472		2018-03-27	5,9359	20,7450
118480473		2018-03-27	4,9430	17,3316
118480474		2018-03-27	5,3582	25,8818
118480475		2018-03-27	4,2049	11,5342
Duplicata	dup118480285	2018-03-27	5,3886	13,6306
118480477		2018-03-27	5,5978	9,5019
118480478		2018-03-27	5,5590	12,2702
118480479		2018-03-27	5,5378	9,7837
118480480		2018-03-27	3,7038	42,4564
118480481		2018-03-27	5,4134	15,5041
118480482		2018-03-27	4,6369	43,3199
118480483	STDSED08	2018-03-27	5,4515	21,4235
118480484		2018-03-27	5,7004	11,7430
118480485		2018-03-27	4,9845	68,8835
118480486		2018-03-27	4,5488	55,2783
118480487		2018-03-28	5,8411	14,2045
118480488		2018-03-28	5,3566	50,0896
118480489		2018-03-28	5,3053	21,0601
118480490	OREAS-25a	2018-03-28	7,3696	9,6722
118480491		2018-03-28	5,1759	25,9762
118480492		2018-03-28	4,9697	40,3103
118480493		2018-03-28	5,0235	52,2046
118480494		2018-03-28	5,4435	32,4038
118480495		2018-03-28	5,1148	5,4372
118480496		2018-03-28	5,4531	10,1777

Échantillon/Sample	QCQA	Date	Poids sec / Dry weight	PAF / LOI (550°C)
			(g)	(%)
Duplicata	dup118480401	2018-03-28	4,2679	23,2901
118480498		2018-03-28	5,1937	42,0663
118480499		2018-03-28	5,4249	35,1601
118480500		2018-03-28	5,4266	36,5183
118480501		2018-03-28	5,6245	47,6113
118480502		2018-03-28	4,8305	33,4065
118480503		2018-03-28	5,2411	29,0378
118480504	MRIMO-100	2018-03-28	4,9923	51,3811
118480505		2018-03-28	5,4680	34,5190
118480506		2018-03-28	6,2569	35,1580
118480507		2018-03-28	5,4128	14,7299
118480508		2018-03-28	5,1904	36,0203
118480509		2018-03-28	4,7874	32,2263
118480510		2018-03-28	5,7006	38,7380
118480511	STDSED08	2018-03-28	4,5696	20,9559
118480512		2018-03-28	5,6220	41,5084
118480513		2018-03-28	5,4426	31,2240
118480514		2018-03-28	5,6372	28,9523
118480516		2018-03-28	5,5023	25,8546
118480517		2018-03-28	5,0531	27,8324
Duplicata	dup118480405	2018-03-28	5,1874	38,3506
118480519		2018-03-28	5,9395	14,1897
118480520		2018-03-28	4,7332	29,3882
118480521		2018-03-28	5,6579	55,1371
118480522		2018-03-28	5,4576	13,6617
118480523		2018-03-28	6,3991	23,9331
118480524		2018-03-28	4,2019	48,2329
118480525	MRIMO-25	2018-03-28	5,6391	12,1668
118480526		2018-03-28	5,2541	25,2926
118480527		2018-03-28	5,2218	39,6453
118480528		2018-03-28	4,8592	55,1716
118480529		2018-03-28	5,1207	32,1890
118480530		2018-03-28	5,1910	25,3246
118480531		2018-03-28	5,4606	36,8165
Duplicata	dup118480411	2018-03-28	5,1001	29,9994
118480533		2018-03-28	5,9171	14,9905
118480534		2018-03-28	6,1413	6,2283
118480535		2018-03-28	4,9353	43,6954
118480537		2018-03-28	5,1764	19,2837
118480538		2018-03-28	4,1224	47,3705
118480539	MRIMO-0	2018-03-28	5,8469	0,3301
118480540		2018-03-28	6,0013	20,4422
118480541		2018-03-28	6,2069	12,1913
118480542		2018-03-28	4,7461	53,2395
118480543		2018-03-28	5,7319	17,9469
118480544		2018-03-28	5,6549	12,6474
118480545		2018-03-28	5,0749	26,0084
Duplicata	dup118480426	2018-03-28	5,1134	23,2917
118480547		2018-03-28	5,1094	50,7516
118480548		2018-03-28	4,8402	52,6507
118480549		2018-03-28	5,0444	52,8011
118480550		2018-03-28	4,8909	12,5478
118480551		2018-03-28	6,1777	9,9115
118480552		2018-03-28	5,0523	31,7360
118480553		2018-03-28	5,6276	29,8866
Standard	STSD-3	2018-03-28	3,6771	19,6541
118480423		2018-04-04	2,3389	45,3846
118480446		2018-04-04	3,8161	71,3949
118480451		2018-04-04	3,0268	50,7731
118480453		2018-04-04	2,3207	38,1824
118480471		2018-04-04	2,1830	56,5964
118480515		2018-04-04	2,6270	45,1123
118480536		2018-04-04	5,2118	42,8221
Standard	OREAS-25a	2018-04-04	5,9155	9,6323
118480261		2018-04-06	5,4953	38,0398

IOS Services Géoscientifiques inc.
1319, boulevard Saint-Paul
Chicoutimi, Québec, Canada
G7J 3Y2
418-698-4498

CERTIFICAT : IOS18-0010

À : M. Sylvain Trépanier
Midland Exploration inc.
132 boul. Labelle, bureau 220
Rosemère (Québec)
J7A 2H1

Projet :	1184
Date du certificat :	2018-04-11
Nombre d'analyses :	554 incluant le contrôle de la qualité
Type d'échantillons :	Sédiments lacustres

Préparation des échantillons :	Séchage, martelage, pastille pour XRF
Appareil utilisé :	Microanalyseur XRF Niton XL3T-500
Mode d'analyse :	Mode Cu/Zn

Ce rapport contient des renseignements protégés et confidentiels à l'intention du destinataire.
Les résultats ne se rapportent qu'aux échantillons soumis à l'analyse.
Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro.

Note : Les données de ce certificat sont informatives et non officielles.

Projet Windfall, 20 avril 2018

CHIMISTE Karen Gagné 2003-137 QUÉBEC

Signature:

Karen Gagné
Chimiste, OCQ 2003-137
Contrôle de la qualité

Sample Échantillon	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	Ba ppm	Ba Error ppm	Sb ppm	Sb Error ppm	Sn ppm	Sn Error ppm	Cd ppm	Cd Error ppm	Pd ppm	Pd Error ppm	Ag ppm	Ag Error ppm	Bal ppm	Bal Error ppm	Mo ppm	Mo Error ppm	Nb ppm	Nb Error ppm	Zr ppm	Zr Error ppm	Sr ppm	Sr Error ppm	Rb ppm	Rb Error ppm	Bi ppm	Bi Error ppm	As ppm	As Error ppm
118480000	2017-08-22	180	< LOD	60,05	23,79	12,10	< LOD	19,32	15,42	5,19	5,62	2,49	8,95	3,70	996145,38	104,15	40,88	5,73	23,12	4,29	8,33	3,24	5,46	1,84	< LOD	2,70	< LOD	7,01	< LOD	5,31
118480001	2017-08-22	180	368,62	58,79	36,73	15,54	< LOD	38,39	15,03	6,49	7,79	3,21	12,61	4,78	832768,13	3934,42	61,32	8,09	38,58	5,95	143,34	9,71	166,20	9,63	68,91	6,45	< LOD	13,63	21,73	8,32
118480002	2017-08-22	180	< LOD	71,90	< LOD	20,83	< LOD	22,39	19,94	6,06	7,71	2,93	15,47	4,47	914026,19	2020,28	65,38	7,14	43,06	5,35	119,83	7,73	133,87	7,37	83,36	6,30	27,27	9,31	< LOD	8,23
118480003	2017-08-22	180	< LOD	70,14	< LOD	20,09	< LOD	21,55	9,12	5,57	< LOD	4,33	< LOD	7,18	855104,75	3083,71	39,04	6,26	20,83	4,57	54,93	5,56	130,49	7,08	39,56	4,20	< LOD	10,00	< LOD	7,51
118480004	2017-08-22	180	< LOD	70,79	< LOD	20,37	< LOD	28,74	20,72	5,97	6,92	2,84	12,95	4,29	918787,56	2003,23	58,46	7,28	44,23	5,58	159,33	9,36	176,30	9,11	116,22	7,84	25,10	9,97	< LOD	12,78
118480005	2017-08-22	180	98,78	53,36	< LOD	32,37	< LOD	27,27	< LOD	13,70	< LOD	3,35	< LOD	6,44	780947,19	4595,88	56,91	7,27	15,55	4,79	78,13	6,82	144,90	8,18	44,71	4,82	< LOD	11,42	< LOD	12,83
118480006	2017-08-22	180	< LOD	78,13	33,09	15,74	< LOD	29,80	30,88	7,15	11,80	3,50	19,77	5,18	915101,69	2339,80	130,77	10,27	90,80	7,88	95,37	7,97	84,84	6,55	40,24	5,20	36,33	11,15	< LOD	12,37
118480007	2017-08-22	180	< LOD	76,19	23,71	14,95	< LOD	24,27	17,80	6,44	8,62	3,19	15,91	4,81	923657,06	2038,44	78,20	8,44	67,43	6,69	277,83	14,07	299,50	14,01	82,44	6,91	23,12	10,25	< LOD	11,24
118480008	2017-08-22	180	< LOD	88,64	27,14	17,78	< LOD	43,83	27,51	8,01	14,06	4,12	25,80	6,19	845284,44	4491,61	167,29	13,13	110,54	9,82	91,57	8,90	63,16	6,40	35,90	5,66	31,36	12,28	< LOD	16,27
118480009	2017-08-22	180	< LOD	80,49	25,15	16,28	< LOD	26,52	40,68	7,81	14,12	3,79	29,85	5,86	932853,00	2030,17	162,14	11,61	104,80	8,66	76,01	7,49	71,64	6,19	34,30	5,05	30,93	11,16	< LOD	11,56
118480010	2017-08-22	180	< LOD	63,56	< LOD	19,03	< LOD	20,56	25,56	5,73	9,21	2,77	16,99	4,17	918191,25	1955,23	95,91	7,58	53,48	5,45	82,89	6,22	85,99	5,48	39,28	4,24	19,70	8,08	< LOD	7,74
118480011	2017-08-22	180	< LOD	65,99	23,61	12,96	< LOD	20,63	14,71	5,51	5,15	2,61	10,06	3,97	934064,50	1558,46	62,20	6,71	42,28	5,08	100,27	6,75	115,81	6,44	66,27	5,35	24,02	8,51	25,25	7,12
118480012	2017-08-22	180	< LOD	61,61	< LOD	18,21	< LOD	19,50	16,36	5,25	5,31	2,48	9,85	3,75	941287,81	1342,69	56,65	6,14	35,54	4,56	115,48	6,74	126,52	6,35	60,24	4,75	14,85	7,33	35,88	7,08
118480013	2017-08-22	180	< LOD	65,96	35,75	13,14	< LOD	20,71	11,50	5,41	6,27	2,66	14,26	4,12	845030,63	3304,12	65,68	6,98	32,52	4,94	93,15	6,60	72,57	5,07	32,91	3,93	< LOD	16,20	12,01	7,27
118480014	2017-08-22	180	< LOD	75,64	25,69	14,88	< LOD	24,10	24,67	6,64	8,30	3,17	15,93	4,80	912107,38	2356,77	96,11	9,10	67,03	6,79	301,17	15,05	280,78	13,58	83,28	7,07	25,08	10,56	< LOD	11,43
118480015	2017-08-22	180	< LOD	68,21	26,37	13,18	< LOD	24,71	11,60	5,49	5,74	2,67	8,24	3,95	904504,75	2145,17	45,42	6,42	35,86	4,89	175,46	9,11	190,88	8,85	82,32	5,96	13,38	7,95	< LOD	9,96
118480016	2017-08-22	180	< LOD	71,84	31,78	14,69	< LOD	23,31	35,43	6,86	12,18	3,31	22,67	4,99	919576,81	2241,61	139,62	10,09	98,73	7,81	91,38	7,49	78,76	6,04	32,07	4,54	25,89	10,01	46,52	11,01
118480017	2017-08-22	180	211,09	57,60	24,58	15,62	< LOD	41,24	10,85	6,47	7,36	3,24	7,62	4,64	843947,75	3663,86	40,85	7,59	28,04	5,51	266,50	13,91	262,21	12,95	81,66	6,93	< LOD	17,15	< LOD	11,08
118480018	2017-08-22	180	< LOD	68,44	< LOD	20,06	< LOD	21,75	15,82	5,74	5,94	2,75	14,31	4,27	938894,25	1628,48	70,41	7,23	45,47	5,38	148,31	8,69	167,44	8,58	73,40	5,86	19,06	8,75	< LOD	8,86
118480019	2017-08-22	180	68,40	45,33	< LOD	18,91	< LOD	20,44	12,77	5,35	4,73	2,54	7,21	3,79	903241,94	2128,68	40,41	6,17	30,79	4,68	139,26	7,91	170,93	8,11	74,44	5,58	17,93	8,04	18,75	6,77
118480020	2017-08-22	180	< LOD	62,30	22,31	12,32	< LOD	19,71	16,41	5,30	5,01	2,49	11,39	3,84	933793,63	1511,77	62,06	6,53	42,66	4,96	92,92	6,34	103,62	5,88	67,03	5,22	< LOD	11,03	54,60	8,49
118480021	2017-08-22	180	< LOD	79,45	27,55	15,70	< LOD	28,55	22,35	6,88	9,03	3,35	18,07	5,12	910137,31	2440,45	103,93	9,55	73,27	7,19	274,33	14,59	299,58	14,64	86,18	7,40	24,15	10,96	< LOD	12,14
118480022	2017-08-22	180	< LOD	71,12	32,09	14,01	< LOD	36,38	16,69	5,97	8,40	2,96	15,88	4,48	932515,63	1748,52	78,19	7,72	57,03	5,87	224,92	11,31	233,15	10,84	79,60	6,28	20,12	9,14	37,80	8,32
118480023	2017-08-22	180	115,25	48,83	< LOD	19,39	< LOD	21,60	< LOD	8,29	5,01	2,72	6,20	4,00	898441,75	2311,87	30,02	6,28	25,25	4,73	191,72	9,96	248,23	10,93	100,66	6,83	14,61	8,55	< LOD	8,34
118480024	2017-08-22	180	< LOD	77,47	24,52	15,64	< LOD	25,21	29,30	7,12	12,25	3,53	17,04	5,08	885628,94	3112,67	141,68	10,62	90,98	7,89	96,94	8,05	89,72	6,76	41,46	5,27	33,58	11,04	< LOD	11,41
118480025	2017-08-22	180	< LOD	59,52	23,14	11,89	< LOD	24,23	17,63	5,15	3,87	2,35	8,81	3,62	932513,69	1550,99	61,98	6,32	39,08	4,74	68,34	5,37	69,12	4,57	29,99	3,53	13,40	6,93	< LOD	6,34
118480026	2017-08-22	180	< LOD	82,37	56,25	17,14	< LOD	26,90	36,64	7,82	15,82	3,96	21,55	5,61	910829,63	2702,63	170,90	12,53	122,64	9,76	76,32	7,78	47,39	5,28	26,56	4,79	23,75	10,97	< LOD	11,48
118480027	2017-08-22	180	< LOD	58,93	< LOD	17,49	< LOD	18,79	18,38	5,12	6,26	2,44	10,85	3,65	954378,00	1073,84	61,97	6,18	41,76	4,70	70,98	5,35	78,05	4,78	49,59	4,31	< LOD	10,17	< LOD	6,12
118480028	2017-08-22	180	491,85	57,03	22,66	14,37	< LOD	23,40	13,30	6,06	5,98	2,93	9,92	4,39	873451,44	3051,24	49,58	7,56	55,07	6,15	297,57	14,48	319,79	14,44	95,21	7,31	23,86	10,28	32,52	10,29
118480029	2017-08-22	180	320,85	56,63	24,11	14,93	< LOD	28,82	< LOD	11,54	< LOD	5,59	< LOD	8,30	830125,00	3722,67	11,56	6,32	14,14	4,81	116,89	8,13	123,24	7,47	55,93	5,41	< LOD	11,91	< LOD	10,56
118480030	2017-08-22	180	< LOD	67,02	30,33	13,40	< LOD	21,43	22,25	5,87	8,54	2,84	13,51	4,21	936702,56	1552,18	78,60	7,24	53,50	5,51	91,35	6,58	98,44	5,98	68,07	5,53	13,43	8,09	< LOD	7,99
118480031	2017-08-22	180	< LOD	66,73	25,52	13,59	< LOD	23,94	28,79	6,20	12,06	3,09	19,32	4,54	965960,94	963,89	123,42	8,77	79,48	6,60	55,36	5,55	34,80	3,73	16,66	3,27	14,80	8,21	< LOD	10,12
118480032	2017-08-22	180	< LOD	65,82	26,15	12,89	< LOD	20,71	16,47	5,51	5,84	2,62	13,95	4,08	936390,56	1507,08	62,17	6,78	40,94	5,11	93,42	6,62	111,50	6,37	95,81	6,59	35,58	9,66	< LOD	8,91
118480033	2017-08-22	180	548,82	60,67	< LOD	24,50	< LOD	24,58	< LOD	9,34	< LOD	5,84	7,30	4,49	855831,81	3260,93	27,16	6,69	21,62	4,98	186,79	10,50	219,90	10,78	115,59	7,91	15,07	9,17	90,82	10,89
118480034	2017-08-22	180	< LOD	92,06	< LOD	20,27	< LOD	21,81	10,03	5,65	4,13	2,69	8,53	4,11	904571,81	2195,32	38,63	6,54	32,94	5,03	162,18	9,08	172,38	8,64	93,66	6,68	19,29	8,87	< LOD	9,04
118480035	2017-08-22	180	< LOD	59,54	< LOD	17,98	< LOD	19,09	14,57	5,16	4,44	2,43	9,90	3,73	996205,69	102,08	40,01	5,83	25,95	4,45	10,80	3,38	5,03	1,85	< LOD	2,79	< LOD	7,62	< LOD	4,90
118480036	2017-08-22	180	< LOD	62,78	19,93	12,48	< LOD	30,74	17,56	5,42	6,58	2,61	18,39	4,16	936551,56	1543,64	87,70	7,32	54,91	5,46	75,70	5,94	77,28	5,13	51,89	4,75	< LOD	11,21	20,45	6,59
118480037	2017-08-22	180	< LOD	62,02	< LOD	27,90	< LOD	19,15	10,75	5,01	4,22	2,39	8,72	3,64	932633,38	1463,41	38,83	5,68	27,01	4,24	146,74	7,52	170,73	7,52	77,57	5,27	< LOD	13,79	18,68	6,04
118480038	2017-08-22	180	< LOD	79,32	30,29	15,82	< LOD	25,38	30,43	7,18	9,40	3,39	17,74	5,13	902990,81	2604,88	121,55	9,91	76,16	7,27	157,28	10,32	189,50	10,57	113,09	8,56	35,34	12,00	< LOD	12,12
118480039	2017-08-22	180	< LOD	61,51	20,18	12,07	< LOD	23,76	19,15	5,27	6,23	2,50	11,15	3,76	916075,69	1861,69	60,59	6,28	39,36	4,71	92,63	6,10	93,11	5,36	63,77	4,94	18,67	7,65	< LOD	6,90
118480040	2017-08-22	180	< LOD	69,44	< LOD	26,23	< LOD	21,61	9,47	5,53	< LOD	3,87	9,40	4,07	904701,75	2168,50	40,89	6,37	30,36	4,79	165,19	8,99	230,45	10,19	43,11	4,38	13,24	7,49	< LOD	10,06
118480041	2017-08-22	180	< LOD	75,65	< LOD	21,92	< LOD	23,83	16,14	6,26	5,14	2,94	12,62	4,57	908531,06	2247,02	74,65	7,88	41,03	5,67	102,95	7,75	144,00	8,25	68,13	6,05	16,10	8,98	< LOD	9,10
118480042	2017-08-22	180	< LOD	80,11	30,74	15,87	< LOD	41,69	22,31	6,94	10,99	3,49	19,30	5,22	915651,25	2345,84	104,56	9,79	79,41	7,53	304,11	15,88	297,69	14,83	86,78	7,58	35,25	11,95	< LOD	13,07
118480043	2017-08-22	180	< LOD	66,61	24,91	13,10	< LOD	21,07	21,28	5,73	5,18	2,63	9,74	3,98	887435,44	2466,16	62,09	6,82	43,85	5,17	129,26	7,82	168,27	8,24	29,38	3,71	< LOD	15,86	< LOD	7,16
118480044	2017-08-22	180	< LOD	66,50	24,90	13,45	< LOD	29,81	28,59	6,14	8,15	2,87	16,87	4,40	946391,69	1427,69	105,85	8,24	68,17	6,21	43,58	5,50	132,36	7,48	26,83	3,86	15,44	8,14	< LOD	9,92
118480045	2017-08-22	180	108,55	48,22	21,50	13,41	< LOD	21,77	13,14	5,67	4,17	2,66	7,12	4,01	907669,69	2152,01	38,12	6,56	35,01	5,01	273,57	12,43	304,25	12,65	107,23	7,08	18,65	8,93	< LOD	8,24
118480046	2017-08-22	180	331,22	61,13	< LOD	36,94	< LOD	25,96	< LOD	8,39	< LOD	4,61	< LOD	7,09	805229,56	4521,29	20,25	7,11	15,75	5,29	119,06	9,00	153,43	9,31	72,20	6,70	< LOD	13,31	14,50	6,53
118480047	2017-08-22	180	< LOD	61,01	25,35	12,13	< LOD	19,42	19,98	5,28	10,03	2,65	11,69	3,76	937231,44	1378,46	70,35	6,44	42,42	4,76	81,57	5,67	67,41	4,45	40,82	3,97	19,23	7,37	46,93	7,66
118480048	2017-08-22	180	< LOD	68,02	< LOD	20,13	< LOD	21,53	22,28	5,97	5,71	2,76	12,63	4,25	932929,63	1709,86	68,80	7,49	49,41	5,70	162,31	9,30	143,10	7,90	59,51	5,46	16,64	8,56	< LOD	9,97
118480049	2017-08-22	180	< LOD	78,40	25,12	15,41	< LOD	24,98	22,67	6,80	9,03	3,32	16,44	4,99	911328,13	2395,91	97,95	9,29	76,36	7,22	269,41	14,30	301,26	14,57	81,92	7,14	21,63	10,56	< LOD	13,28
118480050	2017-08-22	180	< LOD	66,78	33,90	13,15	< LOD	22,41	17,14	5,59	7,08	2,71	10,81	4,01	909246,81	2071,26	50,73	6,46	33,46	4,81	135,61	7,84	150,52	7,55	65,56	5,27	< LOD	11,32	< LOD	10,58
118480051	2017-08-22	180	< LOD	57,58	28,83	11,75	< LOD	18,73	28,57	5,35	9,33	2,55	15,86	3,80	962503,00	915,57	84,15	6,75	59,00	5,22	54,70	4,83	37,91	3,38	28,28	3,42	10,16	6,75	< LOD	6,89
118480052	2017-08-22	180	< LOD	61,72	31,56	12,40	< LOD	30,57	22,23	5,44	5,04	2,48	15,71	3,98	934869,63	1525,64	80,71	6,90	52,70	5,19	95,29	6,30	83,30	5,16	45,49	4,32	21,04	7,90	< LOD	7,20
118480053	2017-08-22	180	148,41	45,57	< LOD	26,41	< LOD	20,36	8,88	5,21	< LOD	3,63	< LOD	5,51	924562,81	1691,90	22,58	5,56	12,50	4,04	122,64	7,40	273,54	10,86	75,30	5,41	< LOD	13,55	< LOD	6,58
118480054	2017-08-22	180	143,00	50,31	22,97	13,81	< LOD	22,31	< LOD	8,43	< LOD	5,00	< LOD	6,07	872775,19	2720,40	21,36	5,99	17,78	4,57	62,67	5,74	80,54	5,43	43,91	4,49	11,47	7,28	32,78	7,11
118480055	2017-08-22	180	< LOD	54,92	24,40	11,05	< LOD	22,63	21,65	4,89	6,41	2,30	11,96	3,47	965828,13	785,11	75,25	6,20	42,87	4,56	42,05	4,21	34,82	3,09	19,86	2,83	< LOD	8,98	22,10	5,74
118480056	2017-08-22	180	< LOD	77,84	31,61	15,44	< LOD	25,76	29,28	6,98	7,94	3,24	18,28	5,04	913619,06	2363,01	101,00	9,47	74,92	7,24	278,29	14,70	286,74	14,18	88,81	7,54	36,99	11,81	< LOD	11,80
118480057	2017-08-22	180	< LOD	64,91	< LOD	19,13	< LOD	20,45	19,57	5,59	7,81	2,72	12,83	4,04	907206,13	2150,18	75,94	7,21	47,24	5,28	178,71	9,26	163,92	8,11	79,98	5,97	20,17	8,62	< LOD	7,73
118480058	2017-08-22	180	171,52	53,41	< LOD	21,93	< LOD	23,67	12,05	6,12	< LOD	4,25	8,12	4,39	886645,81	2643,78	36,84	6,90	34,21	5,25	275,75	13,12	270,67	12,23	122,21	8,02	16,30	9,38	< LOD	15,78
118480059	2017-08-22	180	< LOD	56,43	< LOD	26,14	< LOD	17,96	14,21	4,79	3,78	2,23	11,92	3,53	958196,19	915,57	61,43	5,81	38,38	4,35	56,12	4,53	39,06	3,19	27,92	3,15	13,89	6,36	32,16	6,21
118480060	2017-08-22	180	< LOD	90,85	23,26	13,29	< LOD	26,50	19,91	5,80	6,31	2,74	9,66	4,06	902569,00	2224,60	38,20	6,35	33,02	4,89	169,75	9,17	228,51	10,19	48,97	4,67	< LOD	10,82	< LOD	7,15
118480061	2017-08-22	180	< LOD	64,74	24,25	13,09	< LOD	21,04	24,34	5,88	9,10	2,85	17,50	4,33	957315,63	1047,57	94,07	7,86	55,87	5,76	70,16	6,02	61,81	4,81	25,83	3,69	14,82	7,70	< LOD	7,06
118480062	2017-08-22	180	320,55	52,13	< LOD	20,59	< LOD	22,28	13,25	5,82	4,73	2,76	10,11	4,23	896769,13	2391,02	28,52	6,49	21,99	4,79	218,13	11,01	215,11	10,19	100,94	7,06	22,89	9,30	< LOD	12,52
118480063	2017-08-22	180	< LOD	79,29	< LOD	23,41	< LOD	25,39	29,87	7,12	10,60	3,44	16,35	5,04	913967,81	2309,80	104,73	9,41	80,23	7,27	299,02	15,12	293,42	14,14	85,67	7,24	27,31	10,87	< LOD	11,48
118480064	2017-08-22	180	< LOD	72,62	< LOD	30,36	< LOD	22,82	18,87	6,10	< LOD	4,12	15,79	4,53	907227,13	2270,86	69,77	7,59	46,41	5,68	145,99	8,97	167,45	8,86	76,48	6,28	24,38	9,52	< LOD	9,63
118480065	2017-08-22	180	< LOD	61,95	< LOD	18,51	< LOD	19,93	20,53	5,44	10,05	2,73	15,93	4,02	955076,38	1096,88	80,10	6,91	55,18	5,31	50,70	5,00	70,22	4,74	38,30	4,03	17,07	7,53	< LOD	6,72
118480066	2017-08-22	180	< LOD	61,28	< LOD	17,93	< LOD	19,21	14,46	5,11	< LOD	3,49	9,70	3,67	936346,75	1399,16	51,76	5,91	34,66	4,45	103,22	6,19	87,99	5,03	60,00	4,65	15,39	7,20	< LOD	11,42
118480067	2017-08-22	180	< LOD	72,49	26,86	14,01	< LOD	22,36	18,46	6,04	8,24	2,96	13,93	4,42	886369,56	2674,10	62,29	7,43	46,18	5,66	173,68	9,84	174,16	9,07	90,42	6,84	21,98	9,41	< LOD	13,93
118480068	2017-08-22	180	< LOD	61,06	< LOD	18,03	< LOD	21,46	19,64	5,27	6,75	2,51	8,98	3,67	945628,50	1237,03	61,55	6,24	42,90	4,78	63,39	5,11	51,09	3,88	55,50	4,60	22,69	7,77	< LOD	6,92
118480069	2017-08-22	180	< LOD	69,75	24,68	13,62	< LOD	29,72	20,00	5,93	7,35	2,85	10,89	4,20	922002,13	1907,67	67,72	7,44	52,98	5,79	151,28	8,96	146,77	8,02	101,70	7,20	21,45	9,50	< LOD	13,33
118480070	2017-08-22	180	< LOD	58,90	18,46	11,80	< LOD	18,91	14,54	5,07	4,22	2,38	10,70	3,69	996492,38	95,53	39,11	5,72	18,74	4,20	11,52	3,35	3,62	1,73	< LOD	2,68	< LOD	6,63	< LOD	5,18
118480071	2017-08-22	180	< LOD	72,49	< LOD	20,93	< LOD	22,56	19,23	6,07	6,61	2,89	10,97	4,32	915239,13	2100,43	62,44	7,46	40,50	5,45	244,47	12,06	224,16	10,69	81,33	6,41	14,63	8,80	< LOD	8,76
118480072	2017-08-22	180	< LOD	63,31	23,79	12,53	< LOD	19,89	13,47	5,29	7,19	2,62	12,87	3,94	945161,13	1289,45	58,62	6,46	38,18	4,85	91,85	6,28	88,21	5,38	58,58	4,90	16,94	7,83	< LOD	8,28
118480073	2017-08-22	180	< LOD	63,75	20,42	12,31	< LOD	22,69	13,08	5,20	5,01	2,48	10,62	3,80	903836,00	2061,65	49,15	6,01	26,55	4,35	106,30	6,60	154,39	7,25	75,16	5,34	17,87	7,62	10,22	5,48
118480074	2017-08-22	180	193,73	49,08	< LOD	20,04	< LOD	21,67	9,24	5,55	< LOD	3,95	< LOD	8,41	915675,00	1972,56	25,39	6,25	25,35	4,70	280,06	12,47	262,41	11,28	103,91	6,89	< LOD	16,88	< LOD	10,31
118480075	2017-08-22	180	< LOD	62,32	< LOD	18,21	< LOD	19,49	18,61	5,32	6,47	2,54	15,19	3,95	934801,94	1500,01	52,04	6,20	38,24	4,78	76,52	5,79	102,67	5,78	57,98	4,81	11,83	7,29	< LOD	6,72

Sample Échantillon	Se ppm	Se Error ppm	Pb ppm	Pb Error ppm	W ppm	W Error ppm	Zn ppm	Zn Error ppm	Cu ppm	Cu Error ppm	Ni ppm	Ni Error ppm	Co ppm	Co Error ppm	Fe ppm	Fe Error ppm	Mn ppm	Mn Error ppm	Cr ppm	Cr Error ppm	V ppm	V Error ppm	Ti ppm	Ti Error ppm	Ca ppm	Ca Error ppm	K ppm	K Error ppm	S ppm	S Error ppm	Au ppm	Au Error ppm
118480000	< LOD	4,17	< LOD	9,48	139,80	63,12	< LOD	15,65	< LOD	47,35	< LOD	57,30	< LOD	64,82	2252,70	155,82	137,15	76,69	75,05	12,10	33,18	19,90	< LOD	56,76	1075,86	94,85	< LOD	232,97	< LOD	2837,72	< LOD	11,45
118480001	< LOD	10,35	28,93	10,38	< LOD	140,31	170,20	27,07	69,22	35,67	< LOD	92,95	< LOD	386,02	113637,91	2835,03	17715,63	613,02	105,46	41,93	< LOD	186,90	1844,26	218,25	12916,70	626,28	10136,91	985,57	9403,60	5984,80	< LOD	23,69
118480002	< LOD	5,41	27,25	9,19	< LOD	160,93	313,98	30,88	165,50	36,21	< LOD	117,63	< LOD	308,34	51600,71	1352,14	831,55	130,53	218,48	29,10	146,28	75,60	2120,30	148,21	11891,60	520,50	12766,53	870,31	< LOD	7377,21	< LOD	19,80
118480003	< LOD	4,40	23,99	8,20	135,67	86,96	788,63	48,47	< LOD	41,18	< LOD	110,51	< LOD	283,41	68383,09	1657,40	1400,43	148,51	65,03	25,23	< LOD	94,40	723,43	105,50	11028,63	468,28	6525,54	666,24	55384,61	8682,92	< LOD	11,94
118480004	< LOD	5,01	31,94	9,84	< LOD	166,22	429,39	37,23	98,49	34,22	< LOD	106,44	< LOD	279,78	47280,75	1308,23	1189,93	154,51	170,20	28,86	168,15	86,90	2735,79	176,28	10559,89	543,37	17893,24	1056,75	< LOD	11773,82	< LOD	19,36
118480005	< LOD	9,89	12,71	8,03	< LOD	145,37	110,19	20,82	50,59	30,39	< LOD	71,84	< LOD	530,31	125209,31	2966,89	1184,08	145,79	77,92	36,06	142,99	89,83	1435,47	154,43	18857,28	712,24	9834,65	937,16	61683,17	10613,98	< LOD	23,42
118480006	< LOD	8,63	38,59	12,05	191,32	109,11	226,08	32,54	545,25	63,92	111,53	63,03	< LOD	294,68	48207,79	1487,10	1037,22	163,77	243,14	34,90	167,90	80,71	1364,12	144,29	14613,14	617,54	5273,10	706,49	12297,79	6086,27	< LOD	33,23
118480007	< LOD	8,05	44,63	11,66	145,57	93,32	150,86	25,83	131,20	39,70	< LOD	108,61	< LOD	345,53	42830,20	1290,92	825,38	144,71	220,99	30,40	188,56	83,96	2398,62	166,75	15240,31	630,01	13272,06	931,83	< LOD	12330,17	< LOD	20,14
118480008	< LOD	12,11	41,04	13,79	315,71	137,59	170,46	34,24	193,02	56,06	115,21	74,96	< LOD	354,49	58685,13	2030,50	1294,40	202,45	313,67	47,30	< LOD	253,80	1646,21	188,88	58365,44	1847,81	8562,64	1004,95	24418,26	9146,06	< LOD	40,65
118480009	< LOD	11,06	36,48	12,23	243,03	119,24	224,59	34,00	181,48	49,03	< LOD	148,49	< LOD	234,24	24762,77	930,68	1287,00	191,68	303,25	35,66	129,63	73,91	1198,40	134,62	24441,64	911,77	4806,84	696,77	< LOD	9794,47	< LOD	35,24
118480010	< LOD	4,85	27,87	8,84	< LOD	161,81	157,59	22,57	203,52	36,77	< LOD	89,11	< LOD	203,73	24558,43	747,43	432,16	105,88	153,14	21,60	< LOD	73,15	958,06	91,85	24325,55	736,12	5066,29	546,02	25399,13	6564,73	< LOD	18,01
118480011	< LOD	4,62	24,09	8,46	< LOD	118,55	301,95	29,27	131,08	32,47	< LOD	93,28	< LOD	213,87	34046,61	938,81	442,93	104,49	171,67	24,86	143,71	63,91	1883,98	127,79	13805,74	530,48	10165,96	752,54	< LOD	6012,42	< LOD	21,49
118480012	< LOD	4,18	22,01	7,71	< LOD	96,21	91,78	17,42	386,70	41,01	< LOD	56,65	< LOD	206,91	21055,93	613,53	331,74	90,30	118,89	18,35	84,42	50,59	1553,64	103,25	15124,68	514,17	10553,63	677,00	8817,05	4036,55	< LOD	13,70
118480013	< LOD	8,33	43,28	9,95	< LOD	142,46	321,99	30,36	83,58	30,13	< LOD	89,17	< LOD	280,19	64788,94	1610,67	1252,04	144,58	80,34	25,73	< LOD	88,52	863,62	102,67	23983,40	729,32	4544,93	593,82	58557,49	8913,22	< LOD	19,50
118480014	< LOD	6,22	45,65	11,85	< LOD	145,37	155,00	26,40	97,76	38,87	< LOD	86,98	< LOD	278,76	45029,73	1369,01	875,14	149,03	295,76	34,86	222,99	92,94	2629,18	183,85	15826,70	664,05	14418,69	996,73	< LOD	7795,64	< LOD	32,38
118480015	< LOD	4,78	20,37	8,09	< LOD	178,55	174,28	22,97	249,83	37,78	< LOD	61,96	< LOD	251,40	49298,29	1254,15	620,93	113,01	141,03	25,44	175,55	72,86	2356,68	146,27	15131,34	581,12	17070,07	954,09	9661,66	4821,99	< LOD	21,77
118480016	< LOD	10,54	55,76	12,71	174,56	103,82	217,76	30,60	237,54	46,68	< LOD	87,24	< LOD	214,80	24071,37	849,61	801,94	147,82	299,41	34,17	178,20	81,00	1613,19	151,30	27181,81	936,53	5261,59	680,64	19640,73	7126,77	< LOD	35,44
118480017	< LOD	5,91	26,91	9,87	< LOD	131,52	93,77	21,77	56,16	34,58	< LOD	82,48	< LOD	370,17	106550,74	2657,48	13561,96	509,93	119,49	41,16	231,36	113,57	2267,27	203,06	13167,21	687,13	18858,07	1270,46	< LOD	11581,96	< LOD	18,09
118480018	< LOD	5,79	33,04	9,59	< LOD	122,25	227,33	26,99	136,97	34,88	< LOD	69,29	< LOD	208,42	27618,06	887,96	646,23	122,17	224,56	25,64	159,91	63,83	1811,32	126,40	17998,23	651,03	11562,46	781,76	< LOD	6957,88	< LOD	17,30
118480019	< LOD	3,84	29,37	8,51	< LOD	151,52	147,06	20,91	60,17	27,19	< LOD	60,81	< LOD	246,53	52555,93	1296,70	2000,72	170,23	138,86	26,06	116,74	71,96	1522,30	132,93	14511,02	552,82	12703,09	844,22	12372,25	5537,74	< LOD	25,65
118480020	< LOD	4,23	29,00	8,46	< LOD	161,70	178,56	22,56	128,63	31,11	< LOD	103,93	< LOD	226,55	38312,82	1001,96	430,28	100,28	141,01	23,26	127,73	62,46	1642,86	120,72	8208,85	408,90	10492,68	744,79	6027,02	3807,38	< LOD	15,21
118480021	< LOD	6,38	57,56	13,08	199,47	103,14	165,03	28,21	108,84	40,89	< LOD	100,70	< LOD	287,18	47269,73	1451,61	847,66	153,23	291,51	35,90	233,74	98,81	2897,14	197,97	16253,96	693,97	14532,78	1037,16	< LOD	7872,03	< LOD	24,79
118480022	< LOD	5,33	22,66	9,07	< LOD	164,49	119,47	21,62	139,68	36,43	< LOD	119,95	< LOD	185,32	20902,21	697,51	313,28	103,68	200,78	23,70	176,48	65,51	2235,45	137,10	19795,55	695,97	16742,64	920,77	< LOD	6202,67	< LOD	20,12
118480023	< LOD	4,60	35,27	9,42	< LOD	112,86	186,06	24,16	146,24	34,00	< LOD	68,67	< LOD	262,57	55525,12	1413,47	840,37	127,18	158,37	28,68	152,58	84,11	2729,02	170,40	16049,78	654,45	20308,81	1118,90	< LOD	6631,06	< LOD	16,93
118480024	< LOD	12,55	42,51	12,31	< LOD	166,91	443,14	43,34	384,91	56,67	125,39	64,47	< LOD	349,37	35299,26	1185,69	728,30	147,80	246,92	34,83	158,94	81,29	1706,03	153,99	37902,08	1221,75	7923,78	833,55	28696,24	8149,66	< LOD	28,57
118480025	< LOD	4,19	18,87	7,52	< LOD	154,78	127,59	19,47	145,67	31,06	< LOD	58,57	< LOD	212,94	23892,71	689,18	347,30	93,30	111,00	19,18	96,62	43,57	807,09	78,96	14487,18	489,72	3483,57	456,45	23633,38	5859,76	< LOD	18,29
118480026	< LOD	11,42	37,14	13,03	331,76	132,30	85,35	27,36	324,93	60,33	201,65	75,38	< LOD	281,46	36152,07	1304,78	491,53	143,02	388,71	45,19	178,70	90,98	1122,42	156,87	31997,13	1155,22	2199,91	653,03	15026,42	8300,50	< LOD	30,30
118480027	< LOD	3,83	16,14	7,12	< LOD	146,78	67,02	15,51	74,84	26,60	< LOD	58,16	< LOD	177,47	17875,50	545,50	244,68	83,92	134,79	18,43	90,08	47,95	1321,11	95,39	9378,07	384,65	7369,07	575,57	8679,68	3706,79	< LOD	15,69
118480028	< LOD	5,91	70,70	13,08	< LOD	207,57	340,74	34,49	79,51	34,67	< LOD	124,41	< LOD	385,38	66054,70	1779,45	4420,88	277,34	230,15	37,17	296,90	124,72	4374,11	253,80	30123,76	959,78	19139,77	1154,37	< LOD	7906,46	< LOD	33,43
118480029	< LOD	5,27	13,43	7,98	133,30	81,38	189,30	26,27	190,26	38,99	< LOD	109,82	< LOD	385,02	144119,00	3277,24	2282,50	180,60	67,72	38,68	175,12	97,75	1966,42	173,38	9769,40	565,37	10290,44	997,51	< LOD	13299,52	< LOD	14,62
118480030	< LOD	5,00	24,05	8,64	< LOD	176,73	251,16	27,50	97,06	31,79	< LOD	82,89	< LOD	207,12	30083,13	876,07	390,46	103,63	158,93	23,40	108,07	61,94	1579,70	120,94	11141,46	474,11	10698,35	753,09	8287,05	4572,58	< LOD	28,05
118480031	< LOD	7,92	49,50	11,19	138,53	88,55	101,21	21,91	518,70	55,24	< LOD	87,13	< LOD	213,57	9471,18	405,68	180,03	94,18	220,03	23,21	83,11	42,03	316,61	68,84	9307,01	392,68	911,89	338,85	12331,02	4839,13	< LOD	31,94
118480032	< LOD	5,01	23,09	8,68	< LOD	143,69	279,34	28,36	140,33	33,20	< LOD	80,60	< LOD	230,10	40216,90	1076,58	534,20	110,56	184,25	26,24	131,26	69,58	1971,92	137,74	7901,88	435,03	11705,37	830,13	< LOD	8825,20	19,09	12,62
118480033	< LOD	4,90	18,91	8,60	< LOD	119,46	149,25	23,27	104,68	34,15	< LOD	70,24	< LOD	333,99	92620,35	2248,13	12115,98	458,85	140,76	38,59	< LOD	164,26	3005,92	211,48	13131,85	681,68	21465,23	1302,17	< LOD	8690,65	< LOD	19,42
118480034	< LOD	4,28	32,44	9,29	< LOD	144,76	263,13	28,18	85,89	31,19	< LOD	75,25	< LOD	280,16	62530,72	1568,62	1529,26	159,56	166,04	29,48	168,90	83,99	2526,44	165,76	9552,30	522,70	18001,13	1053,85	< LOD	9196,32	< LOD	18,04
118480035	< LOD	3,89	< LOD	13,47	130,02	66,97	< LOD	20,14	< LOD	44,02	< LOD	56,60	< LOD	63,07	2130,61	154,80	117,49	76,46	111,36	13,84	36,49	21,23	< LOD	45,61	1137,53	98,99	< LOD	241,82	< LOD	3117,52	< LOD	12,95
118480036	< LOD	5,91	17,53	7,97	< LOD	180,31	129,03	20,82	87,72	30,40	< LOD	64,49	< LOD	193,22	26373,83	782,56	512,14	109,68	126,44	21,16	120,83	51,95	1206,55	98,70	11557,17	467,97	7531,91	649,18	15344,28	5244,68	< LOD	23,05
118480037	< LOD	4,02	22,93	7,52	< LOD	99,41	104,20	16,97	46,77	24,15	< LOD	54,96	< LOD	180,92	28377,01	749,77	460,53	96,21	118,22	19,30	< LOD	83,40	1831,65	114,89	12156,57	480,29	14998,11	822,43	8666,52	4504,16	< LOD	14,36
118480038	< LOD	6,23	59,42	13,24	163,51	102,35	181,43	29,00	206,29	46,34	128,53	62,56	< LOD	292,72	48834,66	1489,15	812,94	149,47	350,72	38,71	287,35	110,59	4644,80	246,50	10158,14	623,04	24402,67	1334,51	< LOD	8307,79	< LOD	28,81
118480039	< LOD	4,91	20,73	7,75	< LOD	112,34	150,85	20,23	83,18	27,38	< LOD	59,72	< LOD	315,31	31348,26	841,17	462,05	100,05	117,06	21,28	116,07	56,01	1379,77	107,46	16943,86	569,96	8847,80	686,21	24029,86	6093,01	< LOD	15,28
118480040	< LOD	4,59	21,22	8,14	< LOD	105,68	89,55	18,42	83,11	30,15	< LOD	69,02	< LOD	241,61	47695,23	1236,62	516,48	109,31	225,87	27,56	168,27	76,48	2986,26	162,43	22395,05	695,22	10819,07	770,16	9581,83	4901,44	< LOD	13,84
118480041	< LOD	5,84	27,38	9,70	< LOD	131,51	160,40	25,19	75,26	34,04	< LOD	85,01	< LOD	304,91	65489,42	1737,39	1230,29	156,93	152,76	32,09	165,47	84,68	1674,71	154,08	10837,71	538,77	11034,56	910,68	< LOD	9990,10	< LOD	22,69
118480042	< LOD	8,66	57,82	13,70	160,54	106,45	153,25	27,95	136,31	43,73	< LOD	92,35	< LOD	295,43	46697,03	1461,77	900,49	158,31	317,39	37,02	249,46	95,41	2880,36	193,01	16776,31	709,35	14958,75	1047,04	< LOD	11990,58	< LOD	32,50
118480043	< LOD	4,45	29,10	8,65	< LOD	143,11	284,54	28,19	77,48	29,12	< LOD	104,10	< LOD	268,93	63821,26	1551,23	1298,80	144,25	157,79	28,64	270,37	88,47	4084,22	193,76	19416,85	614,86	3104,54	522,58	19525,62	6393,94	< LOD	23,18
118480044	< LOD	5,54	27,84	9,39	< LOD	130,63	142,70	23,73	365,56	47,59	< LOD	72,47	< LOD	231,12	19098,74	653,82	711,54	130,62	181,78	23,00	< LOD	67,13	202,51	71,70	12175,18	463,12	1026,98	350,32	19027,28	5935,98	< LOD	20,47
118480045	< LOD	4,88	30,16	9,18	< LOD	160,08	148,26	22,03	59,54	29,47	< LOD	65,65	< LOD	237,98	43579,20	1170,15	672,26	119,57	142,99	25,43	129,14	76,26	2630,13	158,40	17017,88	653,23	22208,63	1103,21	< LOD	6973,15	< LOD	20,48
118480046	< LOD	5,31	< LOD	17,59	< LOD	137,19	181,21	27,97	135,09	39,71	< LOD	78,83	< LOD	430,13	161414,23	3889,82	7175,77	332,89	104,05	46,01	197,85	117,17	2093,76	204,29	9750,38	618,63	12873,09	1155,03	< LOD	12776,79	< LOD	21,34
118480047	< LOD	4,02	23,29	7,79	< LOD	103,72	211,86	22,99	98,62	27,66	< LOD	57,78	< LOD	210,16	38987,36	974,08	671,62	110,17	131,28	22,64	93,88	55,98	935,75	100,07	8272,64	372,85	5113,67	549,57	7792,80	4501,24	< LOD	13,32
118480048	< LOD	5,17	18,86	8,60	< LOD	130,19	230,83	28,21	117,01	35,33	< LOD	95,81	< LOD	270,78	32545,07	972,97	724,80	130,40	207,88	26,73	< LOD	104,78	1901,25	139,49	12727,69	530,66	10715,54	791,94	7107,49	4439,06	< LOD	26,11
118480049	< LOD	6,74	47,95	12,28	172,06	102,90	140,55	26,40	101,06	39,98	< LOD	138,75	< LOD	283,35	45788,83	1404,92	732,15	145,72	294,48	34,45	245,57	93,52	2993,76	190,90	15727,42	665,04	14429,91	999,81	< LOD	7733,99	< LOD	35,87
118480050	< LOD	4,40	14,46	7,51	< LOD	167,93	166,71	22,35	54,34	27,80	< LOD	63,08	< LOD	230,03	40502,54	1076,83	298,24	94,56	134,10	23,54	< LOD	161,56	2037,95	133,68	15263,12	572,33	15209,89	888,75	16555,84	5614,51	< LOD	13,73
118480051	< LOD	4,97	25,02	8,02	< LOD	158,24	236,93	24,99	346,25	40,20	< LOD	62,79	< LOD	158,84	14132,00	467,87	218,45	84,37	197,84	20,67	100,06	46,00	528,01	78,85	9231,85	359,99	2871,35	392,83	9252,47	3778,70	< LOD	20,76
118480052	< LOD	5,86	30,41	8,73	110,89	71,84	152,11	21,55	299,80	39,17	< LOD	67,52	< LOD	277,92	22140,51	660,33	744,43	118,95	153,74	20,85	105,55	51,49	1276,37	99,58	21109,13	643,91	5978,24	558,68	12576,10	4812,79	< LOD	18,37
118480053	< LOD	3,66	19,08	7,42	< LOD	91,37	162,96	20,73	< LOD	58,82	< LOD	57,55	< LOD	197,64	33402,99	884,29	863,01	121,41	135,58	20,92	142,10	60,57	2156,85	125,20	12594,22	494,20	15145,77	834,24	10146,24	4485,88	< LOD	14,90
118480054	< LOD	4,20	13,83	7,41	< LOD	164,99	508,06	38,40	136,22	33,14	< LOD	107,39	< LOD	330,53	107358,17	2389,95	2666,34	186,90	99,97	34,63	137,82	87,42	1100,64	146,28	7144,60	451,61	7609,54	816,44	< LOD	11159,56	< LOD	13,82
118480055	< LOD	3,90	13,63	6,65	< LOD	135,84	112,74	17,55	187,53	30,76	< LOD	54,45	< LOD	191,83	18848,94	545,38	1205,07	133,10	130,84	18,25	91,41	40,07	528,25	68,61	7166,24	297,73	1660,73	330,76	< LOD	5085,83	< LOD	24,00
118480056	< LOD	9,34	48,14	12,63	184,75	104,07	175,70	28,83	119,30	41,49	< LOD	117,07	< LOD	283,99	44785,76	1391,87	818,91	150,93	287,22	34,23	244,36	90,80	2677,10	181,33	16044,38	674,08	14558,21	1001,97	< LOD	7047,28	< LOD	28,75
118480057	< LOD	4,46	29,38	8,94	< LOD	110,92	146,14	21,58	111,15	31,89	< LOD	84,82	< LOD	213,63	33056,88	931,58	726,11	122,25	129,07	22,57	96,21	61,49	1392,80	117,48	16596,63	589,50	10306,75	753,52	29561,13	6257,39	18,77	12,24
118480058	< LOD	4,94	31,71	9,67	< LOD	193,50	218,06	27,03	109,24	34,25	< LOD	71,67	< LOD	366,06	68053,56	1744,26	1377,10	156,53	158,41	31,99	228,68	97,23	3427,88	199,17	14421,58	672,11	24355,50	1271,77	< LOD	9457,42	< LOD	15,71
118480059	< LOD	3,73	15,42	6,68	93,93	60,50	113,58	17,56	461,38	40,99	< LOD	51,24	< LOD	162,06	24271,76	640,59	480,00	93,49	114,68	17,88	96,49	41,17	702,78	72,85	8350,60	329,04	3223,64	406,10	< LOD	5076,18	< LOD	15,64
118480060	< LOD	4,46	19,30	7,97	< LOD	121,18	168,25	22,64	64,30	29,09	< LOD	80,04	< LOD	246,80	48044,38	1252,25	683,48	119,81	223,05	28,91	194,51	83,53	3521,88	181,56	23096,71	731,59	12435,09	853,55	8394,73	4954,20	< LOD	17,10
118480061	< LOD	4,84	16,17	8,05	145,58	79,73	79,08	19,08	80,74	31,73	< LOD	66,86	< LOD	174,44	15543,06	563,10	437,23	110,25	157,77	21,08	89,44	44,09	479,12	75,31	9903,27	413,94	3091,39	443,78	12263,87	4752,56	< LOD	21,19
118480062	< LOD	4,37	34,48	9,61	< LOD	139,78	131,62	21,52	< LOD	43,79	< LOD	108,82	< LOD	283,43	64439,09	1634,05	2084,24	183,02	132,86	29,58	181,97	85,96	2595,07	169,81	11316,42	582,40	21302,49	1161,46	< LOD	11681,04	< LOD	27,37
118480063	< LOD	7,52	45,53	12,06	< LOD	146,81	164,54	27,16	74,09	37,85	< LOD	114,98	< LOD	375,10	44619,96	1362,12	809,24	148,02	280,06	35,42	205,25	96,20	2495,39	187,67	16231,75	686,52	14139,15	1017,28	< LOD	7306,11	< LOD	31,44
118480064	< LOD	6,56	36,22	10,30	< LOD	140,84	525,94	41,72	158,58	37,92	< LOD	77,03	< LOD	264,04	48258,50	1336,93	910,14	139,41	194,88	28,80	162,79	77,68	1974,25	148,96	13003,88	561,00	13890,38	919,18	12922,52	5408,69	< LOD	22,59
118480065	< LOD	4,45	15,79	7,57	< LOD	105,88	90,01	18,10	77,65	28,61	< LOD	59,62	< LOD	172,91	22941,56	684,92	546,79	110,12	170,11	21,69	118,71	53,41	1017,71	97,51	8205,07	368,17	6551,32	569,82	< LOD	5915,40	< LOD	17,59
118480066	< LOD	3,63	27,13	7,83	< LOD	96,29	141,83	19,47	76,83	25,99	< LOD	56,11	< LOD	179,03	27898,21	742,72	451,69	96,69	162,25	20,92	105,44	54,14	1480,45	106,16	10233,69	415,89	9515,75	662,15	13068,80	4643,08	< LOD	14,76
118480067	< LOD	5,18	25,46	9,27	< LOD	146,62	120,77	21,68	113,41	34,77	< LOD	112,43	< LOD	295,11	65946,55	1713,28	2086,81	188,15	204,26	34,36	193,23	95,91	2831,36	189,46	16034,85	684,86	17801,00	1134,35	< LOD	8298,59	< LOD	20,10
118480068	< LOD	7,70	20,09	7,77	< LOD	164,28	245,45	25,83	1472,56	78,37	273,70	50,48	< LOD	184,29	27958,50	755,29	473,45	99,13	149,49	21,08	104,24	50,45	926,83	91,40	9369,21	391,10	6447,26	573,27	6582,32	4183,63	< LOD	22,77
118480069	< LOD	5,70	29,91	9,67	< LOD	205,20	294,28	30,94	149,04	36,57	< LOD	88,42	< LOD	263,86	49126,52	1336,05	671,90	124,50	218,81	30,34	172,66	80,14	2571,56	163,35	9265,36	507,79	14893,01	982,58	< LOD	11888,77	< LOD	15,79
118480070	< LOD	3,89	< LOD	9,45	108,78	65,24	< LOD	15,47	< LOD	58,29	< LOD	56,27	< LOD	64,34	2144,77	152,56	< LOD	168,88	97,66	13,01	< LOD	31,88	< LOD	46,03	994,73	91,71	< LOD	236,00	< LOD	2737,83	< LOD	13,39
118480071	< LOD	8,84	24,50	9,31	134,94	82,63	130,25	22,71	62,49	32,19	< LOD	71,84	< LOD	252,49	41237,71	1177,51	447,22	113,39	185,23	27,15	196,46	77,87	2516,54	158,03	13221,13	573,36	18143,20	1012,08	7736,90	4806,77	< LOD	16,66
118480072	< LOD	5,48	32,25	8,88	< LOD	171,36	176,77	22,80	350,47	41,65	< LOD	62,80	< LOD	219,27	32181,17	879,31	869,77	126,02	189,97	23,80	130,12	62,45	1637,91	120,91	10182,89	432,10	8677,78	672,73	< LOD	7288,78	< LOD	14,33
118480073	< LOD	4,33	16,70	7,35	< LOD	95,34	137,41	19,50	75,52	26,49	< LOD	57,92	< LOD	210,52	39155,08	988,43	858,24	119,41	101,26	20,17	114,72	56,30	1499,28	108,56	14462,53	508,28	10465,20	710,30	28720,45	5992,44	< LOD	13,03
118480074	< LOD	4,68	27,82	8,79	< LOD	108,09	81,11	17,95	< LOD	40,94	< LOD	63,49	< LOD	281,00	42267,31	1134,20	656,12	117,97	127,76	23,81	130,29	72,25	2588,84	151,40	14637,94	597,64	22782,33	1089,68	< LOD	9125,21	< LOD	17,77
118480075	< LOD	3,98	19,65	7,63	< LOD	166,64	442,32	33,77	86,23	28,57	< LOD	74,33	< LOD	197,37	30656,24	837,90	359,94	95,79	131,35	20,89	< LOD	83,40	1314,04	107,40	9052,83	405,55	9418,95	681,27	13256,18	4589,75	< LOD	23,20

Sample Échantillon	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	Ba ppm	Ba Error ppm	Sb ppm	Sb Error ppm	Sn ppm	Sn Error ppm	Cd ppm	Cd Error ppm	Pd ppm	Pd Error ppm	Ag ppm	Ag Error ppm	Bal ppm	Bal Error ppm	Mo ppm	Mo Error ppm	Nb ppm	Nb Error ppm	Zr ppm	Zr Error ppm	Sr ppm	Sr Error ppm	Rb ppm	Rb Error ppm	Bi ppm	Bi Error ppm	As ppm	As Error ppm
118480076	2017-08-22	180	349,44	51,08	< LOD	20,09	< LOD	21,66	< LOD	8,18	< LOD	3,91	< LOD	5,83	907554,19	2142,15	23,30	6,14	25,91	4,74	203,30	10,27	247,48	10,87	100,53	6,82	21,15	8,88	< LOD	10,92
118480077	2017-08-22	180	< LOD	80,31	35,84	15,97	< LOD	27,60	25,76	7,07	7,06	3,29	21,04	5,31	908719,31	2470,45	109,96	9,71	77,22	7,30	277,74	14,66	295,46	14,45	90,49	7,56	26,57	11,17	< LOD	12,20
118480078	2017-08-22	180	< LOD	109,86	< LOD	29,98	< LOD	32,03	< LOD	10,65	< LOD	8,03	< LOD	10,65	606825,13	9888,25	36,64	9,22	< LOD	11,94	14,72	5,66	25,40	4,51	7,87	3,29	< LOD	8,69	14,33	7,19
118480079	2017-08-22	180	< LOD	75,08	31,93	14,76	< LOD	29,74	24,47	6,52	6,58	3,02	11,68	4,55	926953,69	1934,33	74,92	7,93	55,69	6,12	151,00	9,45	209,97	10,56	93,64	7,16	15,93	9,50	< LOD	10,09
118480080	2017-08-22	180	< LOD	82,87	26,72	16,58	< LOD	26,87	29,81	7,51	9,89	3,58	18,73	5,42	905431,88	2714,83	130,77	10,84	93,84	8,40	119,15	9,37	109,34	7,96	58,59	6,50	45,08	12,66	< LOD	12,48
118480081	2017-08-22	180	209,75	47,33	< LOD	19,27	< LOD	20,79	9,79	5,36	< LOD	5,01	7,06	3,86	920542,50	1839,76	29,96	6,25	22,77	4,55	294,45	12,75	322,52	12,91	107,13	6,90	< LOD	11,97	< LOD	8,54
118480082	2017-08-22	180	331,68	47,18	< LOD	23,39	< LOD	20,13	7,75	5,15	3,89	2,47	< LOD	7,17	931708,63	1524,25	20,99	5,50	21,12	4,25	115,21	7,01	198,70	8,65	89,39	5,91	13,74	7,57	20,33	6,12
118480083	2017-08-23	180	< LOD	69,31	< LOD	20,14	< LOD	32,67	21,33	5,94	5,53	2,74	12,96	4,25	924938,38	1786,71	61,61	7,03	44,54	5,36	137,19	8,10	86,94	5,68	75,19	5,93	18,08	8,57	12,53	6,69
118480084	2017-08-23	180	< LOD	74,37	27,35	14,59	< LOD	26,30	21,97	6,39	9,02	3,13	13,75	4,60	921153,69	2066,69	88,76	8,56	63,16	6,43	276,42	13,76	280,58	13,13	79,19	6,66	21,54	9,90	< LOD	10,54
118480085	2017-08-23	180	< LOD	65,72	< LOD	19,11	< LOD	21,13	17,03	5,52	4,16	2,54	7,79	3,85	933764,56	1484,51	57,80	6,45	37,60	4,81	124,90	7,30	127,81	6,65	84,65	5,91	34,55	9,05	16,68	6,29
118480086	2017-08-23	180	< LOD	61,90	30,62	12,37	< LOD	31,62	21,35	5,38	4,80	2,45	10,85	3,78	920411,44	1734,97	63,52	6,50	38,09	4,80	74,10	5,64	64,86	4,50	31,32	3,65	13,03	6,93	216,07	14,26
118480087	2017-08-23	180	134,74	51,77	< LOD	21,31	< LOD	23,11	11,06	5,94	< LOD	4,70	7,71	4,26	891635,75	2526,08	39,83	6,84	28,47	5,10	159,22	9,43	202,44	10,01	110,31	7,60	25,34	9,79	< LOD	13,25
118480088	2017-08-23	180	< LOD	113,07	< LOD	39,48	< LOD	30,92	< LOD	17,08	< LOD	5,34	< LOD	6,42	748933,81	6218,16	18,86	7,94	17,76	6,08	66,29	7,57	46,97	5,38	39,24	5,53	< LOD	14,40	19,14	7,51
118480089	2017-08-23	180	< LOD	68,31	< LOD	29,11	< LOD	22,60	18,76	5,80	7,42	2,81	10,85	4,13	916915,38	1965,40	68,12	7,00	47,47	5,30	149,73	8,48	184,75	8,79	79,24	5,94	16,81	8,41	10,06	6,70
118480090	2017-08-23	180	< LOD	65,88	< LOD	19,49	< LOD	20,92	25,42	5,86	9,73	2,86	20,22	4,38	947860,31	1305,82	71,72	7,13	48,03	5,39	105,32	7,14	131,86	7,17	59,62	5,22	18,89	8,47	< LOD	8,41
118480091	2017-08-23	180	< LOD	74,90	27,00	14,72	< LOD	37,32	19,23	6,38	8,47	3,14	20,46	4,93	924784,69	2016,74	89,16	8,78	68,63	6,74	303,47	14,91	283,11	13,47	82,98	6,96	27,82	10,56	< LOD	10,93
118480092	2017-08-23	180	< LOD	70,35	29,81	13,71	< LOD	31,78	20,31	5,95	5,90	2,78	10,53	4,19	925313,06	1785,40	52,94	6,86	38,65	5,19	163,87	9,15	192,87	9,30	93,26	6,65	< LOD	12,52	19,20	7,21
118480093	2017-08-23	180	207,81	48,90	< LOD	19,87	< LOD	21,52	13,54	5,64	< LOD	3,85	< LOD	5,84	915404,50	1984,04	30,73	6,44	26,56	4,80	268,84	12,38	301,59	12,67	98,99	6,82	20,03	8,89	< LOD	8,10
118480094	2017-08-23	180	< LOD	54,33	23,68	10,97	< LOD	17,52	25,17	4,92	8,09	2,34	13,03	3,46	936388,69	1377,74	74,16	6,04	42,61	4,45	29,62	3,75	30,27	2,85	11,55	2,31	< LOD	9,11	< LOD	5,23
118480095	2017-08-23	180	< LOD	68,91	23,95	13,34	< LOD	21,45	15,23	5,65	5,06	2,66	6,60	3,93	876982,56	2613,70	60,92	6,71	30,87	4,80	61,53	5,51	75,09	5,07	34,97	3,95	< LOD	14,65	19,09	6,42
118480096	2017-08-23	180	< LOD	67,93	23,21	13,27	< LOD	21,61	21,75	5,84	5,62	2,70	12,01	4,14	929305,88	1743,59	65,82	7,12	46,64	5,42	137,09	8,28	166,61	8,42	116,45	7,55	37,10	10,29	< LOD	8,26
118480097	2017-08-23	180	< LOD	58,98	20,43	11,56	< LOD	18,66	15,34	4,95	6,02	2,38	11,30	3,60	942611,31	1214,31	58,01	5,74	35,23	4,27	65,72	4,89	72,54	4,33	47,98	3,99	12,63	6,52	8,62	4,97
118480098	2017-08-23	180	479,04	57,68	< LOD	21,91	< LOD	26,81	21,12	6,41	6,27	3,00	13,40	4,61	873311,63	3008,60	64,49	7,81	51,40	5,95	290,09	14,04	316,96	14,14	99,72	7,38	16,98	9,81	27,79	10,33
118480099	2017-08-23	180	< LOD	72,28	36,99	14,49	< LOD	29,03	23,36	6,34	5,65	2,90	14,18	4,54	888440,56	2763,35	91,47	8,29	65,09	6,36	131,70	8,66	164,29	8,91	72,71	6,24	21,62	9,52	< LOD	11,37
118480100	2017-08-23	180	75,51	50,30	< LOD	32,47	< LOD	22,70	11,36	5,85	< LOD	4,09	8,42	4,22	895543,38	2398,69	40,29	6,61	35,59	5,15	145,09	8,58	147,39	7,87	103,47	7,10	19,96	9,08	43,95	8,64
118480101	2017-08-23	180	< LOD	60,68	22,60	11,97	< LOD	19,11	18,84	5,21	5,29	2,43	9,22	3,65	908961,94	1960,52	49,19	5,97	33,58	4,54	64,74	5,18	61,49	4,25	30,11	3,47	< LOD	9,56	< LOD	6,09
118480102	2017-08-23	180	< LOD	71,92	< LOD	20,90	< LOD	24,64	13,40	5,89	5,70	2,83	< LOD	6,15	832763,69	3508,05	49,18	6,64	25,78	4,84	31,64	4,55	31,29	3,43	14,22	2,89	< LOD	10,10	< LOD	6,25
118480103	2017-08-23	180	< LOD	66,24	31,88	13,04	< LOD	24,58	22,64	5,73	7,51	2,73	16,50	4,22	905395,88	2185,19	62,68	6,90	45,17	5,27	118,19	7,56	161,65	8,12	67,30	5,50	18,93	8,40	< LOD	10,66
118480104	2017-08-23	180	< LOD	66,47	29,08	13,21	< LOD	22,23	24,99	5,88	8,38	2,81	10,57	4,05	946736,13	1327,75	66,44	7,01	39,76	5,16	111,74	7,26	106,65	6,30	60,43	5,24	16,11	8,18	< LOD	7,51
118480105	2017-08-23	180	< LOD	60,54	20,33	12,19	< LOD	19,45	14,71	5,24	7,06	2,58	8,97	3,75	996062,75	106,53	45,69	6,07	27,92	4,58	12,08	3,48	4,10	1,82	4,52	2,08	< LOD	13,81	< LOD	5,81
118480106	2017-08-23	180	< LOD	73,25	< LOD	21,40	< LOD	23,01	15,45	6,12	9,26	3,09	11,48	4,45	893773,44	2596,26	64,60	7,43	45,40	5,66	110,34	7,79	144,45	8,06	61,39	5,62	20,08	9,00	< LOD	10,35
118480107	2017-08-23	180	< LOD	71,88	33,28	14,63	< LOD	31,95	28,05	6,60	10,59	3,23	19,97	4,87	944719,88	1621,64	134,98	9,84	77,08	7,05	71,77	6,65	53,22	4,90	34,90	4,63	< LOD	13,29	< LOD	9,73
118480108	2017-08-23	180	< LOD	62,99	25,48	12,54	< LOD	20,79	20,85	5,49	7,67	2,65	9,70	3,83	929158,13	1662,53	66,27	6,64	41,21	4,95	77,89	5,85	75,67	4,95	39,03	4,08	17,05	7,50	< LOD	6,40
118480109	2017-08-23	180	263,28	51,60	< LOD	20,71	< LOD	22,97	14,37	5,87	< LOD	5,60	< LOD	6,09	888414,13	2475,94	21,09	6,05	24,56	4,74	126,06	7,85	139,57	7,48	112,25	7,31	20,95	9,00	51,75	8,75
118480110	2017-08-23	180	< LOD	55,61	22,33	11,20	< LOD	18,67	22,42	4,98	8,60	2,42	15,63	3,63	961761,19	886,24	79,99	6,31	48,03	4,69	39,27	4,14	35,54	3,13	17,97	2,73	9,24	6,11	< LOD	5,83
118480111	2017-08-23	180	< LOD	65,72	24,66	13,00	< LOD	20,78	23,93	5,78	7,02	2,71	14,88	4,16	908085,50	2125,98	76,66	7,19	48,90	5,36	106,64	7,16	149,27	7,68	60,96	5,22	19,31	8,37	< LOD	8,32
118480112	2017-08-23	180	< LOD	72,68	< LOD	21,22	< LOD	23,78	23,75	6,33	9,43	3,09	12,30	4,45	926471,56	1929,60	87,11	8,48	61,24	6,35	271,31	13,52	267,81	12,65	83,64	6,82	31,50	10,52	< LOD	10,40
118480113	2017-08-23	180	< LOD	75,94	< LOD	22,44	< LOD	23,97	13,15	6,31	4,58	2,97	11,31	4,62	825055,56	3916,50	78,76	7,96	38,31	5,60	46,52	5,48	40,97	4,16	20,08	3,55	13,24	7,88	< LOD	8,10
118480114	2017-08-23	180	< LOD	80,69	27,35	15,69	< LOD	25,28	12,95	6,54	< LOD	4,47	8,31	4,67	781723,25	4826,74	49,56	7,53	28,54	5,56	37,25	5,41	44,45	4,53	21,41	3,77	< LOD	11,76	< LOD	8,24
118480115	2017-08-23	180	238,70	48,35	< LOD	19,55	< LOD	21,28	< LOD	8,07	< LOD	2,58	< LOD	5,73	917025,69	1879,18	21,36	5,81	17,91	4,32	188,99	9,51	289,52	11,68	102,93	6,61	< LOD	11,74	< LOD	12,46
118480116	2017-08-23	180	< LOD	75,22	< LOD	21,89	< LOD	23,72	18,72	6,34	7,35	3,06	14,55	4,67	896249,38	2540,83	82,49	8,13	60,94	6,29	135,74	8,84	150,27	8,48	103,05	7,56	28,16	10,37	< LOD	13,26
118480117	2017-08-23	180	< LOD	76,13	< LOD	22,86	< LOD	24,49	27,98	6,88	9,97	3,31	14,37	4,83	917228,31	2147,48	135,05	9,71	85,70	7,22	59,09	6,11	53,94	4,85	27,00	4,10	16,11	8,74	< LOD	9,60
118480118	2017-08-23	180	180,21	57,32	< LOD	36,40	< LOD	37,44	12,27	6,52	< LOD	6,14	< LOD	6,81	859885,25	3243,25	30,46	6,94	26,88	5,27	180,22	10,53	210,40	10,71	95,44	7,30	17,23	9,41	< LOD	10,63
118480119	2017-08-23	180	< LOD	76,58	30,56	15,17	< LOD	24,49	24,38	6,71	8,60	3,22	16,32	4,88	915205,94	2261,32	94,80	8,96	62,17	6,56	293,66	14,64	277,71	13,33	83,35	7,01	32,35	10,96	< LOD	11,34
118480120	2017-08-23	180	< LOD	61,66	24,88	11,99	< LOD	19,24	14,02	5,07	< LOD	3,47	9,77	3,66	902022,94	2057,43	53,19	5,93	30,57	4,35	84,84	5,76	111,76	5,79	51,68	4,33	12,92	6,87	< LOD	6,20
118480121	2017-08-24	180	< LOD	72,97	38,09	14,23	< LOD	31,36	11,56	5,86	8,27	2,99	12,75	4,40	902284,38	2447,96	66,88	7,87	44,39	5,76	272,70	13,40	248,19	11,86	91,62	7,07	18,32	9,54	< LOD	8,84
118480122	2017-08-24	180	82,66	51,34	< LOD	31,96	< LOD	34,90	17,00	6,15	6,29	2,94	8,65	4,33	902702,19	2388,40	47,95	7,22	41,96	5,65	169,07	10,05	241,33	11,59	123,69	8,31	15,91	9,73	< LOD	11,95
118480123	2017-08-24	180	167,67	50,89	< LOD	20,89	< LOD	22,48	13,69	5,89	< LOD	4,08	8,60	4,20	896181,94	2349,89	35,23	6,45	35,45	5,07	178,01	9,64	237,56	10,70	110,37	7,26	< LOD	12,59	< LOD	8,56
118480124	2017-08-24	180	214,85	52,74	< LOD	21,33	< LOD	23,19	13,47	6,02	4,96	2,86	10,38	4,38	885399,56	2647,72	29,08	6,57	28,64	5,09	166,99	9,63	201,04	9,93	126,28	8,19	26,28	10,03	< LOD	10,41
118480125	2017-08-24	180	< LOD	67,95	25,85	13,34	< LOD	21,34	18,51	5,76	4,57	2,66	13,30	4,20	933355,94	1624,82	62,67	6,90	41,13	5,17	115,11	7,43	140,11	7,42	74,02	5,79	18,11	8,45	< LOD	9,82
118480126	2017-08-24	180	< LOD	74,43	< LOD	21,80	< LOD	25,24	27,57	6,61	7,96	3,09	8,91	4,43	921085,50	2048,09	75,92	8,14	53,23	6,05	289,48	14,01	272,29	12,70	84,21	6,80	33,02	10,56	< LOD	10,15
118480127	2017-08-24	180	< LOD	90,57	< LOD	27,31	< LOD	29,57	33,67	8,46	15,39	4,31	22,60	6,19	889588,25	3403,74	172,67	13,17	110,03	9,72	83,88	8,56	73,44	6,87	23,24	4,79	34,99	12,38	< LOD	20,51
118480128	2017-08-24	180	< LOD	69,99	< LOD	20,50	< LOD	22,17	20,74	6,02	4,28	2,72	12,57	4,31	903489,69	2358,20	67,29	7,44	50,24	5,70	173,18	9,74	200,72	9,85	64,99	5,69	15,10	8,59	< LOD	8,91
118480129	2017-08-24	180	177,19	50,43	< LOD	33,11	< LOD	22,46	12,44	5,80	< LOD	3,98	< LOD	6,09	903610,44	2232,67	33,30	6,42	29,91	4,92	184,10	9,85	243,08	10,89	120,98	7,68	21,63	9,33	< LOD	8,36
118480130	2017-08-24	180	< LOD	91,80	39,17	18,44	< LOD	29,52	23,60	8,02	12,49	4,09	17,49	5,90	887786,63	3264,23	125,52	11,41	78,19	8,42	83,21	8,55	98,25	8,00	68,98	7,48	24,11	12,00	< LOD	12,87
118480131	2017-08-24	180	< LOD	73,89	26,45	14,87	< LOD	30,44	21,67	6,52	10,82	3,28	17,36	4,84	909356,06	2384,54	107,92	8,95	66,34	6,63	51,32	5,90	65,00	5,35	16,16	3,41	15,18	8,35	< LOD	7,82
118480132	2017-08-24	180	171,93	52,38	< LOD	34,44	< LOD	23,14	11,64	6,00	< LOD	3,28	< LOD	6,30	899727,50	2406,32	45,66	7,09	36,80	5,34	258,45	12,62	285,60	12,73	119,19	7,92	17,96	9,53	< LOD	9,27
118480133	2017-08-24	180	< LOD	81,85	27,42	16,11	< LOD	25,89	26,11	7,18	10,95	3,55	17,30	5,22	916559,50	2277,41	102,65	9,49	73,55	7,18	271,13	14,44	297,17	14,52	91,66	7,66	43,01	12,21	< LOD	10,85
118480134	2017-08-24	180	< LOD	73,00	< LOD	33,54	< LOD	23,03	19,08	6,14	6,16	2,90	9,61	4,32	915235,75	2011,42	62,75	7,18	48,40	5,57	129,37	8,18	158,80	8,32	98,56	6,97	16,92	9,00	27,12	7,85
118480135	2017-08-24	180	< LOD	85,63	45,32	17,52	< LOD	31,42	37,09	8,08	12,51	3,88	19,00	5,65	881427,38	3445,98	157,66	12,33	100,76	9,10	99,23	9,01	93,22	7,63	53,42	6,54	30,12	12,15	< LOD	12,99
118480136	2017-08-24	180	< LOD	69,58	25,77	13,82	< LOD	29,28	20,07	6,02	6,76	2,86	10,27	4,23	910170,50	2165,52	93,48	7,84	54,06	5,69	100,87	7,13	119,76	6,90	48,78	4,84	< LOD	11,78	< LOD	8,24
118480137	2017-08-24	180	< LOD	59,97	25,93	12,13	< LOD	21,03	26,79	5,47	9,72	2,65	17,97	3,99	957303,31	1030,56	105,79	7,41	67,00	5,52	98,32	6,28	68,21	4,58	51,13	4,52	18,03	7,93	< LOD	9,60
118480138	2017-08-24	180	276,08	52,57	< LOD	27,79	< LOD	22,80	10,53	5,85	4,29	2,78	< LOD	6,16	897257,25	2393,13	34,87	6,67	23,90	4,87	219,71	11,15	232,90	10,82	118,52	7,76	15,42	9,13	< LOD	9,27
118480139	2017-08-24	180	175,76	58,20	< LOD	24,36	< LOD	25,46	< LOD	8,73	< LOD	4,55	< LOD	6,10	832611,00	3919,08	22,70	7,05	21,44	5,38	132,53	9,28	150,82	9,03	89,60	7,39	18,40	9,74	< LOD	10,96
118480140	2017-08-24	180	< LOD	58,35	< LOD	17,50	< LOD	20,24	12,73	4,98	4,63	2,37	8,17	3,57	996605,06	92,98	38,55	5,73	22,92	4,31	11,41	3,36	4,42	1,79	3,32	1,90	< LOD	8,41	< LOD	5,58
118480141	2017-08-24	180	289,76	50,43	< LOD	28,72	< LOD	21,58	9,17	5,60	< LOD	3,99	< LOD	6,99	928264,25	1692,33	23,82	6,04	23,04	4,56	226,26	10,83	325,68	13,02	99,67	6,64	< LOD	14,49	< LOD	7,33
118480142	2017-08-24	180	< LOD	66,38	< LOD	19,54	< LOD	21,08	21,73	5,77	6,67	2,72	10,63	4,04	918332,31	1959,28	64,21	6,90	42,49	5,22	68,90	5,92	97,16	5,96	53,90	4,94	< LOD	11,53	< LOD	9,01
118480143	2017-08-24	180	122,09	57,81	31,17	16,06	< LOD	25,80	16,17	6,77	< LOD	4,62	10,55	4,85	844113,38	3679,51	37,45	7,45	32,37	5,72	165,70	10,48	186,19	10,32	88,84	7,35	21,70	10,05	< LOD	15,41
118480144	2017-08-24	180	< LOD	92,89	< LOD	27,72	< LOD	30,02	39,32	8,76	14,60	4,29	29,88	6,60	889454,81	3418,13	163,22	13,31	116,75	10,32	101,21	9,73	109,04	8,87	36,46	5,92	41,65	13,58	< LOD	13,04
118480145	2017-08-24	180	< LOD	80,47	25,23	15,85	< LOD	25,71	21,98	6,94	7,98	3,33	12,89	4,95	848951,44	3789,03	82,40	8,82	53,39	6,52	175,02	10,85	139,81	8,70	47,23	5,47	16,79	9,50	< LOD	9,88
118480146	2017-08-24	180	< LOD	63,44	24,77	12,70	< LOD	25,11	22,52	5,61	9,35	2,75	13,34	4,01	903482,31	2169,45	95,73	7,30	53,54	5,26	72,50	5,67	78,04	5,02	34,37	3,84	11,25	7,15	< LOD	6,99
118480147	2017-08-24	180	< LOD	77,20	30,82	15,30	< LOD	40,45	24,80	6,79	9,28	3,29	19,45	5,06	919571,69	2209,94	112,21	9,79	72,09	7,15	273,17	14,54	293,00	14,40	81,71	7,20	27,80	11,09	< LOD	11,78
118480148	2017-08-24	180	< LOD	68,65	24,55	13,51	< LOD	26,23	23,82	5,99	7,62	2,84	15,80	4,35	903614,38	2296,09	65,91	7,19	47,48	5,51	112,29	7,49	114,15	6,73	48,66	4,83	< LOD	11,77	< LOD	8,18
118480149	2017-08-24	180	< LOD	68,76	25,71	13,85	< LOD	25,21	30,41	6,34	7,83	2,91	17,32	4,51	809325,13	4185,68	114,34	8,65	71,90	6,42	49,41	5,53	72,41	5,35	29,39	4,01	17,68	8,26	< LOD	8,15
118480150	2017-08-24	180	289,29	54,80	< LOD	32,23	< LOD	23,54	< LOD	12,03	< LOD	2,93	< LOD	6,41	844544,81	3406,76	21,97	6,43	19,82	4,86	140,56	8,85	187,55	9,56	84,30	6,55	16,98	8,77	< LOD	10,34
118480151	2017-08-24	180	< LOD	71,16	25,21	13,98	24,57	16,13	24,29	6,23	8,84	3,00	15,17	4,48	913570,56	2128,60	82,85	7,95	55,80	5,99	128,37	8,41	151,30	8,33	77,05	6,33	26,77	9,73	< LOD	13,08

Sample Échantillon	Se ppm	Se Error ppm	Pb ppm	Pb Error ppm	W ppm	W Error ppm	Zn ppm	Zn Error ppm	Cu ppm	Cu Error ppm	Ni ppm	Ni Error ppm	Co ppm	Co Error ppm	Fe ppm	Fe Error ppm	Mn ppm	Mn Error ppm	Cr ppm	Cr Error ppm	V ppm	V Error ppm	Ti ppm	Ti Error ppm	Ca ppm	Ca Error ppm	K ppm	K Error ppm	S ppm	S Error ppm	Au ppm	Au Error ppm
118480076	< LOD	4,73	26,42	8,81	< LOD	111,54	139,66	21,61	83,89	30,53	< LOD	64,36	< LOD	246,62	47254,18	1244,88	571,88	113,11	152,93	26,42	151,46	81,60	3038,84	171,59	15519,91	639,40	24419,38	1165,44	< LOD	8092,49	< LOD	17,83
118480077	< LOD	6,52	62,04	13,42	187,61	100,55	186,40	29,29	114,29	41,38	< LOD	144,39	< LOD	290,14	46898,68	1439,64	794,36	148,60	269,80	35,61	202,59	99,27	2941,62	200,59	17128,63	710,83	14519,30	1031,67	< LOD	7822,88	< LOD	18,77
118480078	< LOD	11,30	< LOD	10,84	< LOD	199,25	624,45	61,09	< LOD	92,30	< LOD	113,67	< LOD	613,45	345457,38	9142,49	1921,98	195,92	< LOD	102,53	< LOD	170,71	392,28	162,33	7881,21	545,13	1395,90	690,47	35140,01	12316,71	< LOD	28,25
118480079	< LOD	8,46	36,00	10,62	< LOD	202,63	236,19	29,50	168,78	40,37	< LOD	129,18	< LOD	233,67	32786,62	1023,65	931,85	147,49	239,35	28,84	171,26	76,10	2414,84	156,73	13332,49	582,21	14543,50	943,40	7509,70	4695,28	< LOD	21,65
118480080	< LOD	9,12	43,67	13,21	< LOD	174,44	283,21	37,94	1217,21	97,42	285,92	76,17	< LOD	368,79	47196,37	1535,43	448,99	135,76	326,97	39,57	201,88	99,85	1609,72	178,93	13298,82	635,53	10292,71	938,86	18550,29	7327,29	< LOD	30,98
118480081	< LOD	3,88	18,46	7,85	< LOD	109,31	193,78	23,99	55,94	28,40	< LOD	63,24	< LOD	210,84	34300,56	946,17	343,34	97,60	152,18	23,66	190,13	74,02	2783,72	155,45	15083,34	607,31	25232,49	1125,57	< LOD	8524,86	< LOD	16,21
118480082	< LOD	4,14	17,31	7,40	< LOD	160,05	180,62	21,93	61,95	26,19	< LOD	56,72	< LOD	210,64	32716,65	866,48	435,70	98,16	183,68	23,81	150,51	69,58	2570,22	145,54	13450,73	532,35	17701,22	925,00	< LOD	5947,47	< LOD	12,84
118480083	< LOD	4,65	25,51	8,82	< LOD	160,54	221,05	26,30	100,22	32,41	< LOD	77,10	< LOD	284,88	47280,73	1256,23	1454,89	158,96	145,49	26,10	164,09	69,82	1571,97	129,64	13103,35	524,71	10503,51	779,77	< LOD	10423,80	< LOD	25,23
118480084	< LOD	6,05	44,32	11,35	< LOD	137,09	110,27	22,74	82,80	35,89	< LOD	78,18	< LOD	260,77	41520,02	1238,50	785,41	138,88	193,09	28,65	178,37	80,80	2235,53	159,26	13993,70	586,64	11750,86	869,07	6954,52	4618,18	< LOD	31,82
118480085	< LOD	4,29	19,80	7,97	< LOD	103,44	114,32	19,10	92,29	28,68	< LOD	58,14	< LOD	230,10	45015,61	1126,01	543,51	106,61	105,54	22,44	< LOD	91,32	1540,77	118,53	8408,73	411,40	9702,37	729,92	< LOD	8940,31	< LOD	18,61
118480086	< LOD	7,67	11,44	7,10	< LOD	148,42	151,84	21,47	912,59	61,64	87,94	44,48	< LOD	252,58	58467,52	1375,55	614,76	108,11	76,93	22,24	98,23	55,04	728,17	93,59	13912,53	488,51	3957,99	526,12	< LOD	8229,08	< LOD	23,87
118480087	< LOD	5,26	31,64	9,79	< LOD	135,64	209,97	26,40	78,87	32,10	< LOD	69,68	< LOD	328,42	76008,13	1903,28	1101,79	144,39	128,49	30,21	< LOD	135,74	2783,95	181,43	8828,35	532,03	18331,62	1103,73	< LOD	7687,23	< LOD	14,92
118480088	< LOD	9,01	< LOD	14,19	< LOD	155,71	178,73	31,10	183,19	49,66	< LOD	120,79	< LOD	525,15	240436,88	6080,99	< LOD	188,73	< LOD	74,56	< LOD	286,70	1366,41	190,83	2551,96	419,70	5983,42	925,57	< LOD	16934,70	< LOD	21,91
118480089	< LOD	4,82	31,51	9,16	< LOD	140,65	184,92	23,77	87,38	30,79	< LOD	66,40	< LOD	228,12	30503,94	879,84	625,73	117,10	148,52	22,21	138,92	59,34	1780,98	119,31	20938,10	675,21	12327,93	783,42	15723,57	5454,80	< LOD	14,88
118480090	< LOD	5,03	36,32	9,66	< LOD	175,75	117,57	20,60	83,29	31,00	< LOD	65,19	< LOD	243,59	29018,37	856,80	592,91	117,22	171,24	22,93	158,50	61,77	1804,05	122,42	9065,17	417,53	10583,96	722,37	< LOD	7026,67	< LOD	23,02
118480091	< LOD	7,39	41,53	11,46	< LOD	142,16	134,09	24,83	111,83	38,68	< LOD	80,26	< LOD	268,20	42539,28	1286,43	829,57	145,41	268,37	32,15	171,00	86,25	2438,84	171,65	14721,72	619,21	12897,68	924,45	< LOD	11123,89	< LOD	28,91
118480092	< LOD	4,99	28,40	9,10	< LOD	197,59	507,74	39,03	93,41	32,27	85,04	49,68	< LOD	270,00	43967,00	1185,71	626,80	118,60	163,51	25,74	159,82	71,70	2413,42	147,44	10559,85	502,60	15444,20	930,99	< LOD	6679,27	< LOD	24,46
118480093	< LOD	5,45	23,19	8,72	< LOD	179,53	116,55	20,42	46,72	29,02	< LOD	67,44	< LOD	243,24	43632,91	1174,91	576,36	115,39	199,46	27,23	129,47	80,04	2822,73	167,36	13257,83	591,45	22799,51	1126,46	< LOD	6389,66	< LOD	14,71
118480094	< LOD	3,76	10,09	6,17	< LOD	122,84	1100,49	51,52	71,28	24,54	86,45	39,76	< LOD	176,50	15298,13	458,58	330,77	84,52	78,74	15,12	< LOD	48,61	257,88	53,83	15976,44	479,04	441,44	266,04	29573,69	5592,34	< LOD	18,22
118480095	< LOD	5,04	19,49	7,85	126,34	75,01	213,48	25,13	220,83	36,20	< LOD	63,39	< LOD	298,67	82923,54	1900,45	1885,19	163,28	100,19	30,16	157,55	75,42	873,01	123,88	10721,78	482,17	4712,89	659,48	20729,81	6904,72	< LOD	16,30
118480096	< LOD	5,25	25,04	9,15	< LOD	126,90	310,32	30,95	175,36	36,67	< LOD	86,14	< LOD	209,59	29964,58	886,31	793,31	129,27	155,82	23,00	142,51	62,13	1741,01	122,87	16919,31	602,10	12394,52	796,79	7333,61	4296,94	< LOD	25,42
118480097	< LOD	3,73	15,97	6,73	< LOD	85,98	152,59	18,78	228,36	31,53	< LOD	53,93	< LOD	171,69	27489,55	702,31	895,21	114,63	153,02	20,31	95,89	52,76	1107,46	98,04	13213,36	448,45	6944,44	560,64	6727,52	3732,24	< LOD	14,66
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118480100	< LOD	7,90	29,12	9,34	< LOD	202,04	330,74	31,74	171,29	36,28	< LOD	103,17	< LOD	346,99	65192,42	1639,06	1084,64	140,78	237,21	33,80	189,54	91,54	2288,43	173,19	10573,77	571,25	17949,54	1111,43	< LOD	7428,32	< LOD	16,17
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118480104	< LOD	4,69	25,47	8,73	< LOD	174,69	185,90	24,39	101,84	32,17	< LOD	66,13	< LOD	260,07	30893,46	898,30	593,48	117,63	152,40	23,15	135,75	59,36	1329,82	111,21	10122,08	444,34	9249,49	704,17	< LOD	8040,65	< LOD	24,38
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118480111	< LOD	9,26	30,20	9,21	< LOD	113,59	136,98	21,65	231,98	38,27	< LOD	97,94	< LOD	225,77	38211,17	1046,53	892,68	130,53	151,51	25,41	< LOD	100,97	1730,98	132,17	18544,12	649,04	11124,83	820,43	20142,80	5954,21	< LOD	19,74
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118480116	< LOD	5,78	35,15	10,50	164,24	87,94	120,68	23,11	146,60	38,31	< LOD	99,24	< LOD	295,69	59434,96	1618,64	1070,15	151,26	240,19	35,05	240,13	97,56	3152,64	197,29	13516,66	645,23	18519,81	1155,35	< LOD	7905,45	< LOD	18,52
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118480122	< LOD	6,83	40,20	10,76	136,55	87,66	195,51	27,02	66,76	33,35	< LOD	88,87	< LOD	410,44	56465,75	1543,55	851,47	138,67	171,62	29,63	< LOD	209,62	3283,03	195,90	12377,95	610,50	22954,49	1199,22	< LOD	7526,00	< LOD	18,48
118480123	< LOD	6,12	33,82	9,46	< LOD	176,15	315,80	30,56	220,48	37,93	< LOD	67,01	< LOD	295,34	52669,00	1331,03	16740,65	570,86	175,82	30,67	163,59	86,05	2501,14	167,66	12304,96	564,58	17873,82	1037,44	< LOD	9192,73	< LOD	14,69
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118480128	< LOD	5,08	30,73	9,55	< LOD	182,60	318,49	32,02	< LOD	70,94	< LOD	100,60	< LOD	240,69	38355,23	1110,70	797,39	133,60	163,09	25,09	157,37	69,67	2252,57	142,77	15564,82	606,48	16556,65	949,45	21686,13	5832,55	< LOD	27,72
118480129	< LOD	5,06	29,98	9,30	< LOD	178,60	165,16	23,23	67,88	30,21	< LOD	70,74	< LOD	266,72	55192,33	1424,80	678,95	121,37	153,06	27,97	184,06	88,18	3267,20	184,17	13536,79	610,28	22283,03	1149,29	< LOD	8123,60	< LOD	15,16
118480130	< LOD	13,50	49,47	14,29	< LOD	189,26	213,41	35,47	313,61	61,21	< LOD	112,61	< LOD	526,23	79056,14	2466,02	1116,61	185,29	270,06	41,82	< LOD	145,38	1570,88	174,57	8785,67	549,78	10311,59	995,09	< LOD	9661,65	< LOD	41,39
118480131	< LOD	9,06	17,17	9,13	191,03	94,05	127,38	24,57	126,17	39,46	107,18	57,79	< LOD	258,91	40703,02	1244,19	626,59	132,41	183,70	27,44	< LOD	90,92	442,90	99,63	12749,12	498,03	887,28	383,02	34001,96	7555,95	< LOD	18,56
118480132	< LOD	5,25	34,39	10,01	< LOD	172,20	95,34	20,00	74,01	32,24	< LOD	69,06	< LOD	274,78	54464,81	1465,85	1375,14	159,82	132,06	27,14	135,81	85,20	3024,59	178,21	15972,46	663,83	24011,55	1188,53	< LOD	6826,03	< LOD	15,54
118480133	< LOD	8,65	49,09	12,70	< LOD	155,67	147,82	26,98	145,36	43,17	< LOD	141,38	< LOD	298,48	46769,02	1435,63	793,42	147,67	272,56	35,18	221,28	96,84	2889,68	195,43	16330,03	689,65	14719,52	1029,88	< LOD	11248,13	< LOD	37,56
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118480137	< LOD	7,02	56,16	10,36	< LOD	106,77	121,20	19,59	254,50	36,76	< LOD	104,45	< LOD	161,39	19368,48	591,53	484,90	102,92	183,66	21,74	114,28	52,07	1436,98	103,73	9161,93	393,29	6336,63	572,89	< LOD	5837,64	< LOD	27,75
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118480139	< LOD	6,25	26,16	10,01	< LOD	189,61	328,61	35,32	128,41	39,13	< LOD	122,80	< LOD	403,46	131233,13	3212,77	7569,21	350,21	125,89	43,10	< LOD	166,79	2528,56	205,95	9749,19	626,89	14918,01	1206,94	< LOD	9313,23	< LOD	17,53
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118480141	< LOD	4,21	27,65	8,59	< LOD	146,96	113,20	19,54	41,29	27,52	< LOD	63,22	< LOD	279,13	32246,77	905,67	338,98	97,09	111,67	19,98	132,88	61,92	1975,00	125,26	14092,15	553,60	21655,08	994,45	< LOD	6360,48	< LOD	14,73
118480142	< LOD	13,41	23,93	8,96	< LOD	193,85	286,58	29,35	189,73	36,77	< LOD	107,75	< LOD	213,99	32510,84	936,08	466,53	109,13	131,41	21,77	< LOD	80,35	1169,58	101,62	14121,03	522,36	8460,66	671,28	23820,84	5972,68	< LOD	16,69
118480143	< LOD	8,59	22,76	9,86	< LOD	175,92	267,19	32,05	127,00	38,87	< LOD	98,15	< LOD	383,12	117936,77	2920,22	9672,74	409,69	81,90	39,52	197,34	107,69	2166,50	193,31	10385,11	612,93	14313,49	1144,38	< LOD	9390,88	< LOD	22,27
118480144	< LOD	12,46	43,82	14,59	231,34	142,07	178,71	35,54	230,03	60,47	181,02	82,49	< LOD	376,99	61596,45	2118,40	912,47	183,48	303,84	46,62	182,06	102,62	1443,21	179,73	21810,88	923,29	6314,26	922,95	16419,12	8881,57	< LOD	31,50
118480145	< LOD	11,69	34,20	11,18	< LOD	164,58	515,75	45,53	139,71	42,17	< LOD	144,25	< LOD	335,74	69302,59	1992,58	567,01	133,44	167,32	32,08	< LOD	114,14	1490,97	141,15	15982,87	664,66	10482,17	912,95	51582,86	9400,45	< LOD	34,23
118480146	< LOD	4,50	24,60	8,23	< LOD	108,74	182,16	22,71	160,17	32,84	< LOD	62,97	< LOD	188,94	26430,21	763,19	382,29	98,37	127,66	20,27	< LOD	71,51	861,06	87,90	26083,58	746,91	4719,14	521,87	37066,56	6761,59	< LOD	23,00
118480147	< LOD	6,32	51,06	12,62	< LOD	149,37	159,76	27,60	114,77	41,28	< LOD	89,46	< LOD	285,84	45624,73	1409,68	879,74	153,59	289,48	34,24	231,24	89,72	2628,15	179,23	15715,60	664,34	13589,11	978,30	< LOD	13036,58	< LOD	24,62
118480148	< LOD	5,60	25,10	8,93	< LOD	215,22	686,43	46,63	279,52	42,29	< LOD	113,63	< LOD	244,71	39832,87	1118,53	524,39	115,03	170,21	25,91	133,39	64,95	1278,27	118,99	17298,01	613,08	8476,23	718,98	27020,63	6608,76	< LOD	15,86
118480149	< LOD	7,25	18,56	8,85	166,46	92,46	324,13	32,95	238,42	41,31	< LOD	116,33	< LOD	271,20	52116,53	1452,12	1343,78	160,14	105,57	28,16	< LOD	87,84	460,75	93,73	60047,36	1526,32	1251,49	514,78	74076,02	9951,63	< LOD	29,16
118480150	< LOD	4,75	28,34	9,24	< LOD	134,09	195,45	25,51	115,67	34,07	< LOD	74,17	< LOD	353,31	113354,28	2624,50	8766,10	359,99	57,80	37,16	< LOD	159,63	2440,07	197,29	12413,32	646,92	17111,74	1196,53	< LOD	9416,34	< LOD	14,30
118480151	< LOD	10,37	31,00	10,07	< LOD	166,79	200,92	26,91	419,55	50,65	< LOD	78,38	< LOD	290,13	52009,86	1423,95	965,94	142,44	205,92	30,90	157,00	83,86	2630,40	170,13	17396,09	655,20	11731,73	885,48	< LOD	11862,80	< LOD	28,89

Sample Échantillon	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	Ba ppm	Ba Error ppm	Sb ppm	Sb Error ppm	Sn ppm	Sn Error ppm	Cd ppm	Cd Error ppm	Pd ppm	Pd Error ppm	Ag ppm	Ag Error ppm	Bal ppm	Bal Error ppm	Mo ppm	Mo Error ppm	Nb ppm	Nb Error ppm	Zr ppm	Zr Error ppm	Sr ppm	Sr Error ppm	Rb ppm	Rb Error ppm	Bi ppm	Bi Error ppm	As ppm	As Error ppm
118480152	2017-08-24	180	< LOD	81,52	< LOD	23,27	< LOD	25,25	15,19	6,60	< LOD	4,61	11,26	4,80	874781,31	3217,82	66,91	8,35	41,37	6,06	212,02	12,28	229,43	12,07	89,28	7,43	< LOD	14,75	< LOD	15,20
118480153	2017-08-24	180	376,60	57,47	26,99	15,02	< LOD	24,34	12,45	6,25	< LOD	5,66	< LOD	6,59	839695,38	3607,59	30,56	6,84	25,25	5,20	128,29	8,69	163,92	9,03	83,80	6,76	< LOD	13,13	< LOD	9,49
118480154	2017-08-24	180	< LOD	75,07	< LOD	21,81	< LOD	23,60	14,95	6,24	8,26	3,12	11,28	4,54	924522,19	2014,04	85,04	8,60	61,45	6,48	276,81	13,95	260,24	12,63	75,97	6,61	20,98	9,98	< LOD	10,60
118480155	2017-08-24	180	< LOD	78,31	23,35	15,29	< LOD	29,98	26,11	6,84	9,46	3,29	16,68	4,94	838226,63	3820,86	81,29	8,33	52,00	6,18	122,20	8,61	144,33	8,50	51,08	5,42	17,83	9,17	< LOD	9,80
118480156	2017-08-24	180	< LOD	71,66	24,22	13,80	< LOD	22,30	8,96	5,68	8,19	2,92	10,77	4,24	905112,44	2177,83	50,38	6,76	37,96	5,16	135,61	8,20	147,58	7,79	90,58	6,54	21,90	8,98	< LOD	8,18
118480157	2017-08-24	180	244,10	50,07	< LOD	29,07	< LOD	27,46	11,21	5,64	4,62	2,69	9,16	4,10	889207,44	2528,75	34,00	6,54	29,20	4,93	225,40	11,16	252,01	11,25	104,78	7,11	15,25	8,71	< LOD	13,15
118480158	2017-08-24	180	191,80	48,30	< LOD	19,69	< LOD	21,24	11,23	5,52	< LOD	3,91	< LOD	5,82	918521,44	1904,88	36,79	6,58	19,02	4,57	298,33	13,13	255,82	11,18	87,48	6,34	13,18	8,33	< LOD	11,66
118480159	2017-08-24	180	< LOD	88,35	< LOD	34,09	< LOD	28,59	< LOD	10,14	< LOD	4,78	< LOD	10,56	801796,56	4598,50	27,81	7,35	23,58	5,63	86,59	7,73	92,87	6,93	63,83	6,36	< LOD	13,33	25,69	8,07
118480160	2017-08-24	180	< LOD	63,60	25,62	12,70	< LOD	20,46	19,15	5,52	9,13	2,75	15,36	4,09	939693,00	1484,20	102,03	7,59	57,96	5,49	63,81	5,54	83,37	5,31	38,35	4,14	25,39	8,30	< LOD	6,94
118480161	2017-08-24	180	< LOD	78,14	23,73	15,32	< LOD	31,27	24,74	6,83	10,19	3,36	21,15	5,16	918578,13	2243,40	94,69	9,34	72,65	7,20	283,14	14,92	286,31	14,22	88,26	7,52	23,71	10,96	< LOD	11,70
118480162	2017-08-24	180	< LOD	74,30	21,54	13,91	< LOD	22,62	22,01	6,12	5,45	2,81	15,30	4,46	895907,19	2433,66	59,29	7,16	44,64	5,47	163,10	9,33	198,09	9,65	100,25	7,05	15,23	8,92	< LOD	9,02
118480163	2017-08-24	180	< LOD	68,58	24,97	13,28	< LOD	23,73	8,42	5,46	6,26	2,72	11,28	4,11	926549,38	1740,26	45,48	6,59	37,17	5,05	184,09	9,62	211,05	9,72	75,32	5,83	15,39	8,26	< LOD	7,45
118480164	2017-08-24	180	< LOD	84,66	< LOD	28,59	< LOD	25,89	16,05	6,83	5,10	3,20	8,05	4,79	824287,06	4180,63	43,81	7,84	29,57	5,83	137,09	9,77	163,69	9,81	81,90	7,25	< LOD	19,14	24,83	8,87
118480165	2017-08-24	180	< LOD	70,03	25,40	13,52	< LOD	21,81	15,09	5,74	< LOD	3,97	9,98	4,13	902598,63	2274,55	41,36	6,49	35,70	5,06	132,98	8,10	169,66	8,46	71,75	5,74	21,14	8,61	< LOD	8,89
118480166	2017-08-24	180	< LOD	83,79	< LOD	25,00	< LOD	27,06	27,93	7,52	11,28	3,70	23,32	5,68	903147,75	2766,93	121,01	10,49	82,93	7,97	133,60	10,06	176,73	10,71	72,25	7,16	33,50	11,92	< LOD	11,94
118480167	2017-08-24	180	< LOD	78,46	< LOD	22,46	< LOD	25,66	19,83	6,52	9,04	3,22	12,13	4,67	884856,81	2801,78	58,06	7,74	42,94	5,86	185,58	10,81	200,52	10,49	139,61	9,18	21,00	10,65	< LOD	11,38
118480168	2017-08-24	180	< LOD	86,42	< LOD	25,58	< LOD	40,92	35,72	7,99	10,61	3,75	15,85	5,48	856124,50	3954,53	123,31	11,03	93,68	8,66	173,83	12,04	202,21	12,16	78,54	7,75	24,74	13,24	< LOD	26,38
118480169	2017-08-24	180	< LOD	73,46	49,55	14,22	< LOD	27,61	22,25	6,12	5,42	2,81	11,73	4,32	923273,69	1925,43	58,63	7,26	41,64	5,45	191,74	10,52	304,10	13,23	108,95	7,48	15,10	9,29	23,87	8,31
118480170	2017-08-24	180	258,59	47,22	< LOD	19,06	< LOD	20,38	< LOD	11,56	< LOD	3,76	6,00	3,78	930090,56	1601,14	21,32	5,56	15,35	4,14	121,29	7,46	298,38	11,64	78,78	5,57	< LOD	9,56	< LOD	6,56
118480171	2017-08-24	180	< LOD	69,27	23,95	13,64	< LOD	21,96	17,87	5,88	5,36	2,75	12,55	4,26	886666,56	2619,62	67,93	7,18	42,63	5,33	109,07	7,27	93,56	5,94	54,62	5,06	12,91	7,97	< LOD	7,90
118480172	2017-08-24	180	< LOD	71,56	29,43	14,08	< LOD	22,60	24,21	6,25	5,85	2,86	15,14	4,50	917537,25	2050,00	75,72	7,80	51,88	5,89	139,30	8,72	122,90	7,34	94,78	7,09	31,85	10,29	< LOD	9,86
118480173	2017-08-24	180	< LOD	72,66	21,85	14,51	< LOD	23,45	19,45	6,32	10,75	3,22	16,59	4,72	925055,88	2012,53	116,89	9,05	72,59	6,71	67,08	6,36	68,40	5,40	42,32	4,91	27,39	9,60	< LOD	9,47
118480174	2017-08-24	180	< LOD	84,72	< LOD	25,13	< LOD	27,15	37,66	7,88	12,30	3,76	20,15	5,55	864112,06	3663,18	128,40	10,92	89,12	8,31	145,90	10,58	145,64	9,58	77,97	7,52	32,64	12,04	15,45	9,41
118480175	2017-08-24	180	< LOD	59,12	< LOD	17,63	< LOD	22,30	14,46	5,08	4,69	2,41	10,71	3,70	996302,13	100,29	41,91	5,79	21,53	4,27	9,03	3,28	5,09	1,83	< LOD	2,76	< LOD	8,76	< LOD	5,26
118480176	2017-08-24	180	< LOD	85,35	< LOD	23,73	< LOD	21,27	10,35	5,50	< LOD	2,85	< LOD	5,80	872194,88	2819,54	30,31	6,12	19,00	4,51	115,48	7,64	235,64	10,45	73,32	5,71	< LOD	11,39	< LOD	6,67
118480177	2017-08-24	180	< LOD	70,56	20,80	13,81	< LOD	22,22	21,26	6,07	< LOD	4,07	14,97	4,43	911268,38	2188,44	71,70	7,51	45,99	5,55	168,12	9,50	182,54	9,19	80,76	6,32	18,37	8,99	< LOD	8,78
118480178	2017-08-24	180	< LOD	68,74	< LOD	29,27	< LOD	21,50	21,37	5,87	6,86	2,77	10,42	4,11	870485,13	2905,17	58,06	6,88	35,75	5,08	110,67	7,29	102,25	6,21	57,60	5,15	13,07	7,95	< LOD	7,87
118480179	2017-08-24	180	< LOD	64,28	33,13	13,18	< LOD	31,51	27,31	5,95	7,61	2,78	22,34	4,50	969000,75	895,46	121,31	8,79	77,60	6,60	55,79	5,62	38,53	3,94	18,45	3,42	17,92	8,41	< LOD	17,25
118480180	2017-08-24	180	333,85	52,38	21,75	13,78	< LOD	38,51	< LOD	8,40	4,23	2,73	8,88	4,18	885692,81	2595,78	30,54	6,49	24,37	4,84	200,81	10,49	233,64	10,76	124,89	7,94	21,98	9,47	< LOD	13,24
118480181	2017-08-24	180	< LOD	82,51	30,24	16,45	< LOD	43,09	28,60	7,41	10,55	3,59	16,04	5,26	901762,00	2777,85	103,77	10,20	77,86	8,00	121,51	9,67	111,59	8,23	60,68	6,73	36,87	12,27	< LOD	12,54
118480182	2017-08-24	180	< LOD	75,15	25,57	14,80	< LOD	34,27	23,16	6,56	7,02	3,08	16,21	4,79	911694,19	2388,72	100,51	9,27	65,22	6,79	268,65	14,09	281,14	13,71	82,82	7,12	30,75	11,09	< LOD	11,82
118480183	2017-08-24	180	< LOD	86,53	< LOD	20,76	< LOD	22,47	15,23	5,92	5,80	2,83	12,48	4,35	903843,13	2221,43	46,41	6,82	36,11	5,16	202,68	10,32	146,33	7,81	90,20	6,56	16,80	8,69	< LOD	12,21
118480184	2017-08-24	180	< LOD	59,58	25,85	11,94	< LOD	27,39	20,67	5,24	7,39	2,52	15,66	3,86	951961,75	1147,99	82,36	6,71	49,89	4,99	38,82	4,38	42,07	3,55	20,10	3,01	< LOD	9,87	< LOD	6,76
118480185	2017-08-24	180	< LOD	64,96	< LOD	18,56	< LOD	19,90	10,65	5,20	< LOD	4,82	< LOD	5,47	900728,69	2127,53	40,01	5,96	25,51	4,40	130,39	7,39	149,87	7,23	59,18	4,81	13,92	7,27	51,15	7,74
118480186	2017-08-24	180	< LOD	66,72	26,74	13,35	< LOD	25,57	23,59	5,92	9,64	2,90	15,94	4,30	923579,50	1877,23	95,71	7,80	60,90	5,81	98,70	6,91	97,55	6,04	57,45	5,17	14,40	8,17	36,73	8,10
118480187	2017-08-24	180	< LOD	70,42	21,63	13,54	< LOD	21,86	19,81	5,92	4,71	2,72	14,47	4,33	927329,88	1822,83	54,76	7,09	39,03	5,30	210,29	10,73	193,49	9,48	89,91	6,65	24,29	9,32	9,92	6,37
118480188	2017-08-24	180	88,48	52,38	26,74	14,54	< LOD	23,37	< LOD	10,48	< LOD	4,10	< LOD	7,32	837362,19	3556,45	34,88	6,71	15,47	4,79	74,85	6,52	87,02	6,01	41,28	4,64	12,50	7,72	< LOD	6,72
118480189	2017-08-24	180	< LOD	79,73	30,52	15,71	< LOD	36,60	27,42	7,05	8,47	3,33	17,50	5,10	907398,94	2560,77	106,32	9,82	74,23	7,38	266,95	14,63	289,90	14,59	87,93	7,64	27,44	11,42	< LOD	12,51
118480190	2017-08-24	180	< LOD	65,77	22,88	13,14	< LOD	21,19	24,67	5,87	6,35	2,71	9,49	4,01	907030,50	2194,33	66,91	6,99	39,70	5,20	30,96	4,49	30,47	3,37	15,66	2,99	< LOD	10,13	< LOD	6,52
118480191	2017-08-24	180	< LOD	68,31	24,18	13,60	< LOD	21,89	25,49	6,09	8,22	2,89	18,08	4,47	912563,19	2180,34	101,18	8,23	61,71	6,07	83,46	6,75	115,33	6,92	57,15	5,35	23,12	9,17	< LOD	9,46
118480192	2017-08-24	180	< LOD	68,73	32,52	13,83	< LOD	23,91	27,27	6,22	10,47	3,03	15,17	4,41	951941,38	1159,79	76,50	7,58	48,51	5,65	89,44	6,91	95,13	6,23	74,15	6,15	38,85	10,21	44,80	9,07
118480193	2017-08-24	180	< LOD	102,72	27,16	14,37	< LOD	23,49	15,82	6,11	4,93	2,87	12,02	4,45	911696,50	2143,10	45,35	6,97	37,63	5,37	174,04	9,92	230,84	10,93	114,82	7,76	19,84	9,62	< LOD	9,61
118480194	2017-08-24	180	< LOD	61,53	27,33	12,23	< LOD	25,18	22,22	5,40	5,99	2,51	10,61	3,77	929008,56	1663,17	59,94	6,43	38,75	4,82	100,92	6,69	167,46	7,88	50,20	4,51	< LOD	15,57	< LOD	6,91
118480195	2017-08-24	180	< LOD	67,40	25,12	13,21	< LOD	21,11	20,33	5,77	6,95	2,75	12,47	4,14	912933,88	2048,09	55,90	6,76	40,69	5,17	113,53	7,38	135,27	7,27	75,33	5,86	26,60	9,03	< LOD	8,09
118480196	2017-08-24	180	< LOD	76,50	24,34	15,08	< LOD	24,23	19,07	6,54	9,81	3,29	16,18	4,87	910251,75	2419,63	97,86	9,19	67,80	6,87	273,46	14,24	282,03	13,73	86,82	7,28	29,07	10,89	< LOD	10,91
118480197	2017-08-24	180	< LOD	82,39	< LOD	23,81	< LOD	27,91	21,45	6,96	6,29	3,25	14,50	5,05	896484,75	2714,28	98,88	9,36	56,58	6,68	173,01	10,94	175,17	10,12	86,39	7,44	30,77	11,20	< LOD	15,91
118480198	2017-08-24	180	< LOD	61,67	27,27	12,38	< LOD	23,64	18,54	5,35	7,54	2,60	12,47	3,87	923030,63	1768,43	95,03	7,13	54,63	5,21	43,57	4,61	46,73	3,79	19,60	3,03	15,18	6,99	< LOD	6,22
118480199	2017-08-24	180	< LOD	69,01	25,66	13,46	< LOD	21,61	14,42	5,71	5,49	2,73	10,41	4,14	917361,25	2022,98	65,72	7,24	48,19	5,50	195,26	10,22	230,24	10,56	71,26	5,82	20,15	8,76	< LOD	7,44
118480200	2017-08-24	180	211,97	52,34	< LOD	21,22	< LOD	22,93	9,59	5,86	< LOD	4,11	< LOD	7,59	859905,63	3142,00	37,77	6,78	26,06	5,00	180,36	10,04	203,41	10,00	90,51	6,76	< LOD	12,80	< LOD	14,97
118480201	2017-08-24	180	< LOD	114,58	< LOD	20,20	< LOD	21,85	14,01	5,71	< LOD	3,89	< LOD	5,92	867915,88	2804,92	36,41	6,34	17,46	4,54	93,60	6,81	124,91	6,97	60,20	5,22	12,90	7,69	444,87	23,15
118480202	2017-08-24	180	< LOD	80,38	< LOD	22,94	< LOD	24,86	18,80	6,61	< LOD	4,53	14,59	4,85	878562,06	2963,90	64,05	8,09	41,31	5,94	193,53	11,36	220,39	11,44	95,38	7,55	15,34	9,81	< LOD	12,81
118480203	2017-08-24	180	< LOD	74,80	30,76	14,77	< LOD	31,05	24,10	6,54	7,67	3,10	16,56	4,77	923070,69	2060,45	93,38	8,87	65,64	6,65	274,36	13,97	278,50	13,33	82,58	6,93	< LOD	14,46	< LOD	11,27
118480204	2017-08-24	180	< LOD	71,66	< LOD	21,19	< LOD	22,60	25,27	6,36	5,96	2,91	14,91	4,55	927032,56	1862,80	97,97	8,26	57,35	6,04	62,51	6,17	112,20	6,92	41,71	4,73	30,45	9,47	< LOD	8,69
118480205	2017-08-24	180	< LOD	69,96	25,46	14,07	< LOD	22,64	24,04	6,25	7,58	2,96	18,00	4,62	944733,75	1502,79	107,64	8,48	70,27	6,40	68,04	6,27	97,89	6,36	40,82	4,69	37,97	10,02	< LOD	8,58
118480206	2017-08-24	180	< LOD	100,85	24,31	14,04	< LOD	35,40	15,34	5,97	7,55	2,94	8,32	4,22	872823,56	2964,22	50,52	7,14	34,35	5,30	171,81	9,82	189,41	9,60	74,93	6,16	< LOD	18,39	< LOD	9,05
118480207	2017-08-24	180	< LOD	69,66	25,75	13,65	< LOD	22,35	21,25	5,96	6,50	2,80	10,15	4,17	914318,88	2077,74	68,62	7,22	44,60	5,40	109,07	7,50	168,14	8,55	80,71	6,21	19,90	8,91	< LOD	8,70
118480208	2017-08-24	180	< LOD	73,44	26,41	14,70	< LOD	29,48	27,94	6,65	8,06	3,11	14,55	4,67	902855,13	2530,61	94,41	8,64	57,69	6,38	78,81	6,86	57,17	5,03	37,89	4,72	14,14	8,71	< LOD	8,70
118480209	2017-08-24	180	246,65	46,12	26,70	12,55	< LOD	20,03	7,84	5,15	< LOD	4,65	< LOD	7,35	933957,69	1542,49	26,43	5,76	17,04	4,25	124,94	7,74	325,21	12,61	91,48	6,14	< LOD	11,07	23,62	6,78
118480210	2017-08-24	180	< LOD	60,13	22,74	12,10	< LOD	27,94	12,84	5,15	5,93	2,51	11,64	3,81	996507,63	94,89	42,40	5,99	25,26	4,50	10,68	3,43	3,60	1,79	3,79	2,01	< LOD	10,28	< LOD	4,97
118480211	2017-08-24	180	< LOD	70,69	< LOD	20,00	< LOD	21,53	13,09	5,64	5,41	2,71	8,42	4,04	907002,00	2136,55	48,28	6,53	33,50	4,84	207,72	10,10	213,86	9,59	91,44	6,32	< LOD	11,74	< LOD	7,39
118480212	2017-08-24	180	157,39	50,79	< LOD	30,32	< LOD	22,58	< LOD	8,56	4,35	2,76	< LOD	6,13	896691,38	2373,89	28,74	6,41	31,92	5,04	188,97	10,11	239,20	10,90	130,41	8,12	28,70	10,02	< LOD	9,28
118480213	2017-08-24	180	< LOD	62,78	19,18	12,09	< LOD	19,51	13,98	5,15	6,33	2,51	7,53	3,64	932671,75	1538,79	44,28	5,91	29,31	4,45	76,32	5,91	188,97	8,33	71,16	5,23	< LOD	10,57	< LOD	6,47
118480214	2017-08-24	180	< LOD	82,72	26,05	16,61	< LOD	26,83	30,80	7,61	9,84	3,62	21,80	5,61	880543,13	3336,67	141,47	11,28	87,80	8,31	51,75	6,82	86,88	7,07	33,93	5,14	32,30	11,31	< LOD	14,13
118480215	2017-08-24	180	< LOD	68,43	23,43	13,54	< LOD	21,66	16,05	5,77	5,18	2,72	9,87	4,12	879455,19	2729,85	73,08	7,20	41,55	5,21	121,80	7,71	158,76	8,07	48,89	4,75	17,20	8,11	< LOD	7,50
118480216	2017-08-24	180	< LOD	72,80	30,72	14,61	< LOD	36,99	24,00	6,46	12,98	3,33	15,43	4,67	928733,06	1880,49	82,77	8,03	59,86	6,23	83,79	6,92	87,59	6,10	72,46	6,24	23,34	9,57	853,73	38,95
118480217	2017-08-24	180	< LOD	77,31	39,15	15,33	< LOD	35,73	23,04	6,67	6,51	3,11	18,23	4,96	914754,44	2290,88	89,40	8,90	63,03	6,65	304,72	15,15	285,71	13,73	80,96	6,96	27,23	10,65	< LOD	10,99
118480218	2017-08-24	180	< LOD	93,20	37,67	18,30	< LOD	36,82	31,61	8,22	8,74	3,80	10,72	5,48	780743,88	5565,40	87,89	10,12	46,13	7,17	74,95	8,06	69,48	6,59	47,17	6,18	29,18	11,68	36,72	11,24
118480219	2017-08-24	180	108,21	55,29	< LOD	22,75	< LOD	24,56	12,99	6,39	6,25	3,10	11,30	4,69	848039,94	3477,69	54,43	7,54	31,60	5,50	107,79	8,06	133,52	8,05	79,55	6,69	19,48	9,42	< LOD	10,04
118480220	2017-08-24	180	< LOD	60,95	24,22	12,20	< LOD	19,61	17,32	5,27	6,84	2,55	14,45	3,91	918666,81	1866,38	68,87	6,59	40,61	4,89	32,44	4,36	55,79	4,19	12,75	2,67	16,15	7,01	< LOD	6,40
118480221	2017-08-24	180	< LOD	75,83	< LOD	21,79	< LOD	23,72	20,13	6,36	4,73	2,92	9,70	4,45	922209,25	2018,89	54,47	7,51	40,37	5,65	222,33	11,88	277,21	12,88	91,90	7,10	< LOD	13,44	< LOD	10,02
118480222	2017-08-24	180	< LOD	94,95	< LOD	31,91	< LOD	38,84	< LOD	16,54	< LOD	4,59	< LOD	10,24	704694,00	6690,42	< LOD	10,53	< LOD	8,96	16,97	4,92	28,43	4,02	4,26	2,43	< LOD	7,58	< LOD	6,51
118480223	2017-08-24	180	< LOD	81,11	26,72	15,95	< LOD	25,77	25,12	7,07	9,03	3,40	17,08	5,14	892906,88	2796,05	98,02	9,12	70,43	7,02	139,47	9,51	142,81	8,72	117,22	8,65	23,50	11,01	< LOD	13,84
118480224	2017-08-24	180	< LOD	77,91	24,46	15,32	< LOD	24,78	26,72	6,89	7,38	3,21	13,87	4,85	911201,94	2407,91	103,31	9,46	72,72	7,13	252,83	13,76	287,53	14,14	86,25	7,36	23,88	10,83	< LOD	11,62
118480225	2017-08-24	180	< LOD	62,16	30,52	12,41	< LOD	19,74	22,30	5,44	7,62	2,60	11,49	3,83	918479,75	1866,26	68,70	6,69	44,36	5,02	92,19	6,35	109,35	6,09	44,20	4,31	19,28	7,76	< LOD	6,98
118480226	2017-08-24	180	< LOD	72,42	< LOD	21,57	< LOD	23,26	23,03	6,38	7,60	3,03	12,82	4,53	908185,56	2306,06	102,15	8,37	49,73	5,81	60,60	6,02	90,58	6,11	30,71	4,12	12,35	7,94	< LOD	8,03
118480227	2017-08-24	180	155,42	51,22	< LOD	21,12	< LOD	22,89	11,18	5,88	< LOD	5,49	7,88	4,23	904649,00	2267,16	38,38	6,82	24,30	4,88	279,39	13,00	268,75	11,96	111,15	7,47	< LOD	13,39	< LOD	8,78

Sample Échantillon	Se ppm	Se Error ppm	Pb ppm	Pb Error ppm	W ppm	W Error ppm	Zn ppm	Zn Error ppm	Cu ppm	Cu Error ppm	Ni ppm	Ni Error ppm	Co ppm	Co Error ppm	Fe ppm	Fe Error ppm	Mn ppm	Mn Error ppm	Cr ppm	Cr Error ppm	V ppm	V Error ppm	Ti ppm	Ti Error ppm	Ca ppm	Ca Error ppm	K ppm	K Error ppm	S ppm	S Error ppm	Au ppm	Au Error ppm
118480152	< LOD	9,19	39,62	11,46	< LOD	212,95	201,04	29,01	< LOD	54,32	< LOD	124,65	< LOD	353,50	86505,97	2391,77	3516,62	252,10	129,42	35,08	177,46	92,46	2073,25	171,22	15128,98	688,58	16688,65	1145,87	< LOD	11617,26	< LOD	32,69
118480153	< LOD	6,84	21,93	9,10	< LOD	228,05	524,19	42,42	132,96	36,83	< LOD	78,08	< LOD	340,70	87291,42	2112,23	40967,16	1111,16	145,22	43,55	< LOD	280,84	2211,48	207,95	12503,53	646,03	15587,12	1160,40	< LOD	10454,29	< LOD	24,76
118480154	< LOD	7,64	47,37	11,79	< LOD	141,73	139,63	25,01	98,33	37,67	< LOD	110,86	< LOD	268,53	42766,83	1287,64	780,72	143,08	265,05	32,52	218,31	88,10	2475,97	173,65	14988,57	628,90	12745,08	930,57	< LOD	11955,81	< LOD	31,91
118480155	< LOD	6,00	28,01	10,01	< LOD	231,29	554,78	45,12	203,93	43,27	156,80	60,02	< LOD	314,75	65003,82	1809,44	1601,66	179,43	154,02	31,55	< LOD	123,96	1380,75	149,47	33532,10	1008,89	10194,77	883,58	48334,70	8720,04	< LOD	26,51
118480156	< LOD	4,41	29,58	9,10	< LOD	127,45	472,26	37,42	125,41	33,38	< LOD	87,14	< LOD	280,12	63198,29	1576,27	1228,90	145,98	165,06	29,99	163,04	81,97	2370,01	160,49	12426,74	558,00	14076,70	955,77	< LOD	11562,25	< LOD	20,47
118480157	< LOD	7,03	23,68	8,81	< LOD	136,92	147,52	22,10	< LOD	42,80	< LOD	66,35	< LOD	274,31	59637,30	1519,25	3027,54	215,75	156,39	30,41	143,22	90,47	2745,34	180,42	15423,95	662,14	21158,61	1170,09	< LOD	7823,30	< LOD	14,20
118480158	< LOD	4,50	35,04	9,41	< LOD	110,76	109,26	20,02	87,70	31,19	< LOD	66,46	< LOD	237,25	42052,66	1127,45	3535,04	236,63	146,13	24,82	113,45	70,66	1957,98	139,11	12968,32	564,40	19445,39	1028,86	< LOD	5986,26	< LOD	16,27
118480159	< LOD	9,21	16,24	9,22	< LOD	135,85	163,07	26,70	122,48	40,02	< LOD	87,04	< LOD	440,99	173909,91	4153,30	7315,49	333,60	94,70	46,67	< LOD	166,10	1638,19	188,94	4881,19	501,61	9540,84	1048,38	< LOD	11265,83	< LOD	35,12
118480160	< LOD	4,90	27,37	8,76	< LOD	150,99	132,66	20,83	120,21	31,86	< LOD	63,93	< LOD	206,52	18848,83	606,23	375,47	101,93	165,85	21,12	121,14	51,64	1063,28	96,05	15401,78	525,42	3690,36	466,31	19904,44	5543,42	< LOD	18,13
118480161	< LOD	7,47	52,27	12,83	< LOD	150,31	160,74	27,67	104,58	40,92	< LOD	143,29	< LOD	285,22	45854,54	1422,13	928,65	157,20	295,41	35,41	210,96	93,37	2591,29	185,21	15912,31	677,15	14268,60	1009,31	< LOD	11698,45	< LOD	28,06
118480162	< LOD	5,31	33,15	9,68	130,72	83,83	242,00	28,12	162,63	36,40	< LOD	83,73	< LOD	274,90	58531,24	1521,56	911,25	135,35	168,69	29,95	169,03	86,66	2682,71	173,04	15738,10	649,32	18744,29	1089,73	< LOD	7672,31	< LOD	21,12
118480163	< LOD	4,81	23,77	8,61	< LOD	106,43	125,23	20,73	57,05	29,08	< LOD	65,29	< LOD	231,66	39425,79	1074,16	809,55	128,06	173,34	25,24	< LOD	106,08	2026,62	141,09	14311,93	561,97	15707,31	909,03	< LOD	8100,45	< LOD	13,80
118480164	< LOD	6,41	32,89	10,80	< LOD	239,68	957,84	64,49	197,11	44,99	166,86	62,53	< LOD	419,15	146161,53	3613,11	3110,51	225,23	144,15	45,17	< LOD	173,76	1857,64	201,12	8411,69	592,32	14002,29	1175,80	< LOD	15097,71	< LOD	34,86
118480165	< LOD	4,95	18,07	8,24	< LOD	126,23	419,08	35,18	91,15	31,63	< LOD	68,10	< LOD	260,69	38037,92	1058,84	599,52	117,52	172,35	25,53	184,07	68,64	2224,29	139,41	18509,96	648,08	13897,70	872,27	22632,99	6246,83	< LOD	21,54
118480166	< LOD	13,57	33,74	12,19	< LOD	178,52	309,16	38,36	163,64	47,98	< LOD	98,27	< LOD	305,36	47104,20	1536,72	868,56	162,36	243,84	35,81	167,94	92,47	2391,71	183,21	16658,15	733,41	14051,18	1065,87	13914,64	6375,98	< LOD	26,28
118480167	< LOD	8,48	53,06	12,12	< LOD	221,64	354,40	35,72	154,42	39,74	< LOD	98,29	< LOD	327,03	75146,60	1989,21	928,83	145,03	179,24	36,68	327,38	111,07	3529,66	220,37	11568,60	658,22	22191,40	1313,83	< LOD	13415,95	< LOD	17,32
118480168	< LOD	13,49	245,66	26,34	< LOD	202,30	558,64	52,21	153,92	49,17	122,45	70,11	< LOD	371,69	74175,05	2288,57	1340,69	190,29	266,54	43,96	269,26	119,01	3888,99	247,72	26547,80	990,35	12881,65	1110,85	22444,66	8954,07	31,89	20,67
118480169	< LOD	5,36	40,70	10,47	< LOD	181,63	193,02	25,80	56,60	31,68	< LOD	94,49	< LOD	230,52	34845,70	1029,08	535,94	118,01	162,99	24,31	160,29	70,59	2418,30	147,00	15378,89	618,39	22044,86	1076,82	< LOD	8585,35	< LOD	15,99
118480170	< LOD	3,94	20,74	7,62	< LOD	96,28	59,69	15,48	< LOD	37,31	< LOD	59,35	< LOD	173,61	23903,26	691,03	337,57	92,87	141,53	19,16	95,98	55,39	1965,42	116,42	14788,22	544,43	21117,56	942,40	6546,69	3893,20	< LOD	13,07
118480171	< LOD	6,41	26,06	8,95	< LOD	115,28	114,68	20,75	152,56	35,45	< LOD	73,09	< LOD	251,55	47739,78	1284,90	582,19	116,53	131,98	25,84	< LOD	96,78	1526,54	124,22	17128,78	626,49	12359,02	857,15	32893,98	7583,83	< LOD	20,67
118480172	< LOD	6,93	34,84	10,35	< LOD	135,75	321,30	33,11	254,85	43,12	< LOD	74,43	< LOD	274,86	51509,29	1416,57	917,43	142,03	207,91	31,05	202,98	84,29	2530,38	167,52	10071,34	533,90	15717,88	1017,79	< LOD	10704,84	< LOD	25,12
118480173	< LOD	9,88	16,63	9,19	142,46	94,29	138,41	24,73	128,97	38,70	< LOD	108,65	< LOD	224,85	28956,81	941,23	1322,71	171,63	214,39	27,85	131,07	65,69	1366,80	123,36	15891,72	599,16	4510,05	579,42	21660,75	6149,08	< LOD	31,86
118480174	< LOD	9,29	37,51	12,64	264,62	123,35	323,65	39,69	159,96	47,90	131,05	68,14	< LOD	373,03	80802,22	2388,64	1190,98	177,20	207,04	41,71	253,29	113,38	3214,55	224,97	16583,21	789,20	18373,51	1302,97	13610,17	7769,08	< LOD	35,51
118480175	< LOD	3,60	14,20	6,91	< LOD	95,12	< LOD	15,61	< LOD	37,93	< LOD	57,80	< LOD	64,48	2178,24	154,31	156,49	78,18	90,61	12,88	36,66	20,60	< LOD	62,73	994,05	96,15	< LOD	253,06	< LOD	3275,74	< LOD	12,92
118480176	< LOD	4,15	12,13	7,33	< LOD	170,79	256,87	27,30	48,87	28,13	< LOD	64,83	< LOD	250,26	50745,38	1313,30	870,50	127,77	99,35	23,18	102,36	63,35	1293,65	116,82	10958,82	502,58	15429,76	917,60	47488,70	7844,69	< LOD	13,86
118480177	< LOD	4,89	26,82	9,26	< LOD	120,03	164,93	24,29	67,70	31,96	< LOD	71,12	< LOD	326,90	34813,23	1025,64	442,96	112,47	170,01	25,80	184,86	73,35	2427,40	150,94	16046,11	640,53	18163,83	1025,95	15495,21	5398,83	< LOD	15,49
118480178	< LOD	6,49	29,46	9,25	< LOD	131,34	165,37	23,05	132,27	33,40	< LOD	66,40	< LOD	260,66	51784,97	1362,96	723,28	122,91	120,27	24,91	94,60	61,39	1253,03	113,69	22727,62	719,84	9087,81	746,13	42974,13	7893,51	< LOD	17,38
118480179	< LOD	8,37	35,71	10,30	140,60	88,77	65,44	19,50	251,69	43,65	< LOD	78,59	< LOD	121,33	7092,68	340,67	368,49	111,68	249,12	23,90	< LOD	59,90	437,58	69,84	10515,22	437,24	1889,68	405,32	9426,29	4274,53	< LOD	32,71
118480180	< LOD	4,12	26,31	8,95	< LOD	129,82	256,62	28,01	71,34	30,83	< LOD	95,47	< LOD	286,25	64327,50	1608,00	9593,74	399,70	156,75	32,51	200,21	95,49	3035,63	189,86	13072,90	632,62	22555,35	1217,53	< LOD	7181,28	< LOD	18,94
118480181	< LOD	10,36	45,50	13,34	< LOD	176,18	219,56	33,94	197,33	50,81	117,19	67,72	< LOD	359,88	73544,83	2218,43	974,12	167,40	269,85	38,95	231,45	97,13	2353,64	184,97	10371,89	547,41	9173,91	887,73	< LOD	9657,58	< LOD	41,35
118480182	< LOD	7,08	53,40	12,64	< LOD	146,10	145,03	26,05	87,86	38,47	< LOD	100,71	< LOD	279,98	44715,68	1374,25	935,98	153,69	249,56	33,60	210,89	92,97	2926,55	190,35	16248,49	682,85	14700,17	1018,96	< LOD	8639,07	< LOD	28,93
118480183	< LOD	6,95	30,66	9,37	< LOD	119,54	242,11	27,67	281,58	41,83	73,64	48,53	< LOD	278,70	63850,46	1602,29	1116,56	141,64	216,22	31,24	157,54	85,05	2661,89	169,94	11479,74	536,94	15355,17	973,06	< LOD	10334,74	< LOD	15,72
118480184	< LOD	4,66	23,20	7,87	< LOD	99,98	63,60	15,84	127,38	30,06	< LOD	59,68	< LOD	151,10	16645,19	526,21	610,95	109,10	126,76	18,40	65,98	38,76	438,85	66,34	11853,45	419,56	1737,67	354,88	15942,23	4942,13	< LOD	18,82
118480185	< LOD	5,63	16,90	7,51	< LOD	152,58	125,53	19,09	53,13	25,66	< LOD	57,23	< LOD	235,06	49675,46	1210,04	800,01	117,05	95,60	23,54	< LOD	99,85	1748,20	129,17	15215,50	554,68	12130,48	813,68	18816,06	5830,46	< LOD	15,00
118480186	< LOD	7,28	25,42	8,97	< LOD	185,62	150,19	22,76	103,42	32,66	< LOD	68,17	< LOD	205,03	28329,99	852,67	435,79	107,63	161,81	23,26	< LOD	139,17	1441,71	112,16	19944,96	660,75	8080,66	672,01	17209,13	5799,13	< LOD	26,40
118480187	< LOD	6,43	17,58	8,60	< LOD	121,86	205,15	26,32	158,01	36,64	< LOD	67,10	< LOD	243,57	31506,05	940,10	720,36	128,49	188,11	24,83	180,36	67,62	2487,18	143,52	14547,74	580,52	16353,89	932,37	< LOD	6548,23	< LOD	16,25
118480188	< LOD	4,95	< LOD	11,15	< LOD	123,73	180,29	24,89	62,08	30,93	< LOD	84,84	< LOD	368,92	129876,93	2978,00	2511,64	188,74	< LOD	54,75	< LOD	137,39	1369,41	155,66	13824,12	601,20	6485,48	814,86	< LOD	9538,82	< LOD	25,41
118480189	< LOD	8,68	53,73	13,22	< LOD	154,90	157,05	28,07	105,90	41,82	< LOD	97,39	< LOD	293,41	47457,07	1488,52	903,17	158,13	287,53	35,29	222,31	95,35	2984,53	195,22	16692,77	698,84	14772,19	1023,05	< LOD	8245,72	< LOD	25,84
118480190	< LOD	5,17	14,38	7,74	< LOD	154,01	1283,13	66,54	153,54	35,46	114,63	50,60	< LOD	236,21	36509,43	1024,78	346,04	101,75	132,35	21,92	< LOD	62,93	185,61	65,39	12035,64	438,60	< LOD	480,78	41394,15	7456,19	< LOD	15,01
118480191	< LOD	6,97	38,05	10,45	180,78	84,23	165,45	24,94	135,15	36,23	< LOD	86,22	< LOD	229,83	33783,21	1009,59	614,49	124,73	203,58	27,56	179,69	69,67	2027,88	138,92	19750,70	688,69	9361,94	766,56	20472,56	6544,60	< LOD	16,09
118480192	< LOD	5,98	31,04	9,83	< LOD	171,67	208,42	26,84	253,40	41,89	< LOD	76,02	< LOD	223,55	27777,92	868,39	384,37	106,88	190,03	24,63	126,67	59,45	1230,49	112,20	9018,43	430,05	8285,06	686,35	< LOD	5361,91	< LOD	31,36
118480193	< LOD	5,30	36,40	10,18	< LOD	165,19	228,24	27,68	89,92	33,62	< LOD	74,27	< LOD	266,22	52366,50	1416,15	858,28	135,46	199,61	29,67	143,11	84,86	3169,42	180,84	10513,42	565,12	20016,25	1126,67	< LOD	7464,89	< LOD	18,79
118480194	< LOD	4,48	26,13	8,25	< LOD	158,85	104,32	18,50	77,55	28,32	< LOD	67,47	< LOD	170,60	21274,31	644,20	318,95	92,57	96,42	17,30	< LOD	68,95	1011,28	88,50	16346,34	547,64	10210,35	670,21	20988,63	5296,71	< LOD	17,23
118480195	< LOD	6,16	30,69	9,30	< LOD	183,00	282,07	29,09	268,74	40,32	< LOD	66,12	< LOD	226,00	37994,17	1050,75	488,44	109,74	189,04	25,48	< LOD	97,09	1837,35	129,84	14769,24	561,86	11751,91	808,63	18852,72	5706,71	< LOD	27,00
118480196	< LOD	10,08	35,73	11,33	146,61	95,54	142,26	25,93	118,35	40,24	< LOD	112,35	< LOD	277,08	45276,97	1386,23	891,85	151,01	287,67	34,08	260,17	91,41	2782,63	183,09	16362,48	676,85	14123,58	989,13	8413,48	5091,99	< LOD	19,23
118480197	< LOD	8,70	37,87	11,67	< LOD	233,60	249,84	32,61	189,25	45,12	< LOD	96,08	< LOD	344,73	74530,13	2091,08	2566,64	224,97	245,61	38,98	244,84	100,17	1879,33	178,72	10842,18	575,62	12045,56	1001,21	< LOD	12676,96	< LOD	35,58
118480198	< LOD	5,78	15,28	7,51	< LOD	138,63	110,41	18,62	104,59	29,44	< LOD	66,88	< LOD	172,34	22499,05	667,18	299,00	91,05	115,80	18,91	< LOD	62,94	549,55	73,66	20231,56	607,54	1497,41	357,45	31144,79	6590,48	< LOD	16,72
118480199	< LOD	5,04	22,21	8,76	< LOD	114,49	132,67	21,87	< LOD	43,97	< LOD	68,50	< LOD	213,39	30673,07	912,76	445,95	109,77	163,00	23,64	129,12	71,87	3087,68	161,98	19463,19	682,12	18504,62	973,80	9209,75	4569,04	< LOD	15,30
118480200	< LOD	4,98	25,68	9,03	< LOD	180,09	172,62	24,40	89,38	32,59	< LOD	111,88	< LOD	320,68	88425,11	2158,26	1479,59	158,15	146,06	35,05	149,07	94,56	2418,10	180,77	18105,28	728,78	15910,82	1126,06	12378,72	7059,46	< LOD	24,41
118480201	< LOD	4,39	19,90	7,99	< LOD	115,83	228,27	25,74	70,37	28,92	< LOD	84,98	< LOD	323,90	104676,82	2333,67	2626,47	185,83	87,42	33,07	172,67	90,74	1784,79	161,91	9827,02	530,79	11759,94	961,28	< LOD	11734,83	< LOD	20,51
118480202	< LOD	6,38	40,05	11,21	< LOD	147,96	362,22	37,02	124,30	39,19	< LOD	85,55	< LOD	344,93	84406,09	2209,41	3974,10	263,49	112,95	35,48	204,87	101,79	2361,12	190,16	12643,65	648,32	16299,48	1160,53	< LOD	13740,70	< LOD	22,56
118480203	< LOD	6,91	52,18	12,14	< LOD	140,22	130,91	24,52	119,97	39,25	< LOD	83,78	< LOD	266,24	43036,11	1300,63	813,43	145,24	253,64	31,45	192,29	83,91	2493,79	168,29	15139,68	627,61	13648,45	938,45	< LOD	11092,99	< LOD	30,69
118480204	< LOD	7,23	20,23	9,25	< LOD	135,26	228,99	28,58	146,89	37,60	< LOD	75,11	< LOD	336,36	39061,34	1141,86	2021,87	194,99	279,76	31,33	121,95	75,07	1118,35	132,99	17886,31	632,39	4789,90	604,82	< LOD	7741,97	< LOD	30,69
118480205	< LOD	6,37	22,21	9,39	200,54	89,34	80,48	20,62	135,13	37,46	< LOD	74,51	< LOD	174,07	17980,55	639,03	436,87	115,84	217,62	24,68	122,08	57,32	951,93	103,42	14541,64	554,39	6126,98	606,67	13952,56	5068,56	< LOD	22,25
118480206	< LOD	5,67	32,72	9,76	167,28	87,58	296,70	31,53	107,36	34,33	< LOD	69,90	< LOD	364,51	63092,38	1660,15	2086,21	189,10	123,84	28,81	139,91	78,12	2266,49	154,80	22023,48	759,50	15805,92	1009,30	20457,58	6776,50	< LOD	16,20
118480207	< LOD	5,93	27,67	9,26	< LOD	123,59	187,68	25,09	84,68	31,97	< LOD	69,93	< LOD	255,80	35055,14	1010,96	350,61	103,17	165,20	24,73	114,44	66,07	1970,78	133,89	15286,55	591,74	13545,44	875,20	18248,16	5604,21	< LOD	29,37
118480208	< LOD	9,76	29,74	10,30	< LOD	139,16	180,71	27,48	139,87	40,07	< LOD	112,69	< LOD	278,78	46327,00	1383,22	261,11	107,56	147,78	27,56	< LOD	94,96	987,27	112,72	13101,68	537,51	4305,81	602,29	31028,84	7862,73	< LOD	18,79
118480209	< LOD	4,12	25,28	8,15	< LOD	109,21	92,59	17,50	< LOD	47,24	< LOD	58,69	< LOD	180,23	25316,23	731,94	418,32	99,15	103,11	18,49	120,65	55,65	1688,63	111,90	13467,99	521,12	18683,67	905,82	5235,95	3441,31	< LOD	15,60
118480210	< LOD	3,85	< LOD	12,89	< LOD	100,67	< LOD	16,82	< LOD	48,51	< LOD	60,76	< LOD	64,24	1987,66	152,40	133,89	78,95	111,50	14,08	< LOD	33,23	< LOD	48,77	1008,67	98,93	< LOD	261,73	< LOD	4229,00	< LOD	14,78
118480211	< LOD	4,63	29,99	8,82	< LOD	161,20	168,28	22,66	109,02	31,18	< LOD	63,25	< LOD	220,51	37253,73	1013,93	519,59	108,65	138,57	23,86	176,52	69,51	2158,67	138,92	17953,58	644,55	17787,75	972,51	16040,77	5348,06	< LOD	17,47
118480212	< LOD	4,86	41,16	10,23	< LOD	182,54	118,43	20,79	53,60	29,74	< LOD	77,15	< LOD	287,55	65680,77	1650,74	637,37	120,20	182,22	31,05	199,96	92,77	3220,99	189,19	9278,82	564,69	23072,75	1212,78	< LOD	9860,16	< LOD	16,15
118480213	< LOD	4,22	22,82	7,81	< LOD	153,27	117,31	18,73	114,95	29,17	< LOD	57,11	< LOD	167,54	22723,32	659,00	257,87	86,59	133,36	18,90	75,16	49,54	1210,53	96,12	15414,00	523,82	10356,32	678,71	16438,31	4911,63	< LOD	14,35
118480214	< LOD	9,29	25,16	11,54	< LOD	173,71	190,67	32,33	402,00	61,93	< LOD	102,06	< LOD	339,49	59304,71	1879,83	1129,56	178,15	197,76	37,42	131,18	72,16	316,69	107,47	22578,27	837,23	1123,35	535,59	33288,83	9412,86	< LOD	31,32
118480215	< LOD	4,51	24,58	8,62	< LOD	177,81	101,71	19,47	72,51	29,96	< LOD	65,57	< LOD	244,42	44912,75	1209,47	519,30	111,20	106,32	23,45	109,02	62,07	1268,03	114,78	21957,50	708,22	12130,71	819,52	38826,57	7755,49	< LOD	24,26
118480216	< LOD	7,94	23,45	9,73	< LOD	152,82	294,23	32,41	105,90	36,49	< LOD	104,11	< LOD	293,73	32644,16	1009,92	486,08	118,48	216,61	27,90	100,18	64,50	1873,89	132,17	11745,87	518,72	9212,29	769,36	13099,71	5137,00	< LOD	37,61
118480217	< LOD	6,56	43,37	11,73	< LOD	144,88	166,13	26,98	101,14	38,68	< LOD	81,43	< LOD	274,00	43545,49	1330,30	809,54	146,11	257,85	33,17	224,61	90,23	2551,26	178,40	15727,24	659,30	13590,43	972,53	< LOD	8153,09	< LOD	32,18
118480218	< LOD	7,96	41,52	13,07	< LOD	289,71	1187,33	82,22	817,39	83,62	< LOD	107,17	< LOD	497,57	183828,06	4844,40	< LOD	189,84	148,64	52,69	< LOD	177,07	1493,56	194,46	4362,31	496,65	7446,79	1020,04	18993,97	8920,77	< LOD	27,30
118480219	< LOD	5,81	27,27	9,77	< LOD	139,77	360,15	35,83	108,23	36,17	< LOD	113,61	< LOD	368,42	114068,42	2740,02	13090,88	481,21	153,90	41,81	< LOD	162,78	1616,86	188,65	9421,25	573,78	12271,54	1066,85	< LOD	12912,05	< LOD	19,88
118480220	< LOD	4,07	17,70	7,53	< LOD	102,98	97,45	18,31	158,60	32,83	< LOD	67,11	< LOD	218,64	26510,61	761,46	209,87	86,42	183,23	22,05	126,18	51,81	367,37	83,93	14092,59	468,25	632,35	306,18	38506,87	6601,67	< LOD	18,67
118480221	< LOD	9,39	19,79	9,23	< LOD	133,16	111,68	22,51	127,31	37,95	< LOD	111,23	< LOD	247,43	39527,39	1175,52	3489,35	256,18	191,90	27,70	132,76	76,33	2475,23	157,77	13274,51	589,65	17575,83	1024,57	< LOD	6361,97	< LOD	27,44
118480222	< LOD	5,56	< LOD	10,05	< LOD	134,80	271,36	34,24	< LOD	54,15	< LOD	90,01	< LOD	501,01	266602,72	6255,73	210,93	119,88	< LOD	70,56	< LOD	242,03	481,36	142,37	6482,11	461,02	1805,67	632,77	19198,98	9264,15	< LOD	16,58
118480223	< LOD	9,70	48,24	12,31	< LOD	258,51	372,47	38,48	250,08	47,68	111,24	60,51	< LOD	319,09	63737,77	1830,74	821,22	147,39	240,85	37,27	248,74	103,18	3024,66	204,27	12689,91	655,90	18591,41	1205,48	< LOD	9054,82	< LOD	23,78
118480224	< LOD	9,31	50,45	12,61	161,30	102,20	158,61	27,51	81,91	38,80	< LOD	80,97	< LOD	283,05	45700,46	1407,60	980,87	159,08	262,00	33,82	236,06	93,46	2881,49	189,39	16058,47	676,50	14030,22	998,65	7297,27	4861,45	< LOD	29,74
118480225	< LOD	4,34	19,76	7,87	< LOD	106,97	94,23	18,27	73,41	28,08	< LOD	58,46	< LOD	199,18	28542,88	807,93	272,24	91,34	132,02	20,59	86,72	52,01	1373,60	102,53	18863,94	603,85	8723,96	653,95	22784,07	5799,27	< LOD	22,50
118480226	< LOD	8,02	15,60	8,53	< LOD	216,33	532,99	42,36	120,01	36,34	< LOD	78,07	< LOD	241,24	37253,45	1107,24	517,34	119,40	135,50	23,73	< LOD	77,09	402,16	84,91	15297,51	556,58	3891,79	532,41	33126,93	7400,36	< LOD	31,11
118480227	< LOD	6,49	33,75	9,87	< LOD	114,92	138,37	22,33	46,36	30,23	< LOD	76,18	< LOD	265,85	51828,51	1385,09	602,52	120,61	174,78	28,49	162,22	86,10	2706,96	173,05	13147,39	619,13	25495,23	1225,02	< LOD	9440,47	< LOD	15,46

Sample Échantillon	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	Ba ppm	Ba Error ppm	Sb ppm	Sb Error ppm	Sn ppm	Sn Error ppm	Cd ppm	Cd Error ppm	Pd ppm	Pd Error ppm	Ag ppm	Ag Error ppm	Bal ppm	Bal Error ppm	Mo ppm	Mo Error ppm	Nb ppm	Nb Error ppm	Zr ppm	Zr Error ppm	Sr ppm	Sr Error ppm	Rb ppm	Rb Error ppm	Bi ppm	Bi Error ppm	As ppm	As Error ppm
118480228	2017-08-24	180	< LOD	87,10	< LOD	19,57	< LOD	21,05	< LOD	12,01	< LOD	4,98	< LOD	5,67	865739,44	2736,29	33,52	5,88	17,25	4,27	65,80	5,45	71,41	4,77	42,40	4,15	< LOD	10,12	409,51	20,78
118480229	2017-08-24	180	< LOD	71,64	< LOD	30,17	< LOD	22,15	13,49	5,76	4,82	2,72	9,26	4,14	841202,88	3380,82	35,03	6,45	25,77	4,84	134,67	8,13	108,03	6,47	53,35	4,99	19,09	8,12	< LOD	11,17
118480230	2017-08-24	180	< LOD	69,62	< LOD	29,99	< LOD	21,03	14,91	5,68	< LOD	3,94	< LOD	5,89	907128,63	2079,13	39,67	6,25	30,62	4,72	168,33	8,85	186,35	8,68	69,48	5,41	< LOD	14,54	< LOD	7,13
118480231	2017-08-24	180	< LOD	73,03	< LOD	21,49	< LOD	30,70	16,94	6,19	6,27	2,96	13,90	4,57	919715,94	2147,28	92,73	8,82	59,73	6,45	262,94	13,56	270,88	13,05	76,46	6,66	14,56	9,63	< LOD	10,96
118480232	2017-08-24	180	< LOD	69,21	< LOD	19,95	< LOD	21,38	17,48	5,74	4,05	2,63	10,56	4,10	923677,44	1758,89	48,07	6,54	35,38	4,98	130,44	7,79	117,23	6,60	86,37	6,22	16,77	8,38	42,74	7,98
118480233	2017-08-24	180	< LOD	75,15	< LOD	20,88	< LOD	22,58	16,31	5,98	6,22	2,87	11,72	4,34	915012,81	2035,58	56,13	7,02	44,54	5,42	173,45	9,65	245,91	11,11	126,78	7,99	19,88	9,50	< LOD	11,97
118480234	2017-08-24	180	< LOD	69,73	< LOD	26,71	< LOD	21,40	< LOD	8,06	< LOD	3,86	6,08	3,90	882138,38	2487,94	31,07	6,04	24,80	4,60	107,44	7,01	122,42	6,68	66,06	5,30	< LOD	13,17	< LOD	9,26
118480235	2017-08-24	180	126,12	51,23	25,08	14,25	< LOD	26,02	20,20	6,20	5,11	2,86	12,79	4,46	890830,94	2610,05	46,72	6,99	39,91	5,42	175,96	10,10	304,69	13,32	138,18	8,62	14,57	9,52	< LOD	9,97
118480236	2017-08-24	180	< LOD	66,84	< LOD	25,88	< LOD	21,16	15,08	5,63	4,28	2,62	11,32	4,10	895946,63	2345,92	53,77	6,49	33,22	4,83	75,29	5,85	62,23	4,55	34,77	3,94	11,59	7,12	< LOD	6,70
118480237	2017-08-24	180	226,94	50,39	< LOD	31,41	< LOD	22,20	10,58	5,71	6,23	2,82	< LOD	7,98	916468,38	1962,46	28,91	6,36	29,79	4,86	270,13	12,29	270,60	11,62	122,10	7,63	18,89	9,04	< LOD	9,20
118480238	2017-08-24	180	< LOD	74,29	23,76	14,55	< LOD	23,59	22,64	6,43	7,05	3,04	12,15	4,55	925267,25	1957,58	83,28	8,39	65,28	6,47	287,10	14,04	283,13	13,15	81,21	6,72	24,75	10,14	< LOD	10,87
118480239	2017-08-24	180	< LOD	67,14	24,09	13,21	< LOD	21,27	18,61	5,72	6,86	2,75	13,36	4,17	905478,75	2231,88	71,52	7,26	44,10	5,34	132,74	8,07	135,56	7,38	50,57	4,85	< LOD	16,30	< LOD	8,03
118480240	2017-08-24	180	< LOD	80,39	< LOD	34,30	< LOD	24,15	11,81	6,20	< LOD	4,28	< LOD	6,54	868797,69	2944,47	40,04	6,78	25,40	5,06	64,86	6,08	69,44	5,27	37,84	4,45	19,25	8,26	< LOD	8,96
118480241	2017-08-24	180	< LOD	68,89	27,15	13,35	< LOD	21,50	13,83	5,63	4,69	2,66	6,49	3,94	903889,75	2217,09	44,84	6,52	37,20	5,06	132,03	8,01	164,22	8,23	78,62	5,97	19,22	8,51	26,65	7,42
118480242	2017-08-24	180	< LOD	80,12	32,81	15,60	< LOD	24,87	16,44	6,60	8,39	3,28	13,25	4,85	886611,13	2920,03	67,08	8,44	50,14	6,43	192,69	11,68	218,02	11,71	101,54	8,08	24,00	10,88	< LOD	14,20
118480243	2017-08-24	180	< LOD	63,53	< LOD	26,78	< LOD	20,39	23,40	5,64	6,23	2,61	10,25	3,90	877389,38	2735,18	68,61	6,84	39,95	5,04	55,94	5,28	65,15	4,68	34,12	3,93	17,71	7,59	< LOD	10,42
118480244	2017-08-24	180	< LOD	75,47	31,45	14,96	< LOD	24,10	17,52	6,39	9,53	3,22	11,81	4,62	933020,88	1825,21	76,16	8,21	50,24	6,14	144,32	9,37	149,77	8,70	59,98	5,87	16,47	9,31	< LOD	10,18
118480245	2017-08-24	180	< LOD	59,86	< LOD	17,99	< LOD	19,49	16,07	5,22	5,68	2,49	11,06	3,78	996532,19	95,37	44,00	5,98	23,13	4,42	8,23	3,32	3,29	1,76	< LOD	2,88	< LOD	7,41	< LOD	5,24
118480246	2017-08-24	180	253,25	58,86	< LOD	28,59	< LOD	25,59	12,21	6,56	< LOD	4,01	7,82	4,68	808496,50	4322,65	25,15	7,01	15,93	5,15	109,19	8,31	122,36	7,85	63,22	6,06	< LOD	15,69	12,58	6,18
118480247	2017-08-28	180	< LOD	70,47	< LOD	20,89	< LOD	22,62	21,21	6,13	8,72	2,99	15,51	4,49	922836,69	1922,17	80,92	7,76	54,85	5,93	58,72	5,79	54,74	4,64	30,67	4,11	22,17	8,67	< LOD	8,54
118480248	2017-08-28	180	< LOD	82,78	27,14	16,50	< LOD	30,56	26,72	7,42	12,72	3,76	22,01	5,59	938162,38	1884,02	111,70	10,25	79,01	7,89	130,27	9,87	132,65	8,97	83,37	7,76	31,63	12,11	< LOD	12,56
118480249	2017-08-28	180	< LOD	66,65	23,75	13,05	< LOD	20,99	18,36	5,66	7,48	2,75	13,76	4,14	932682,13	1649,58	58,43	6,79	43,19	5,19	150,08	8,51	185,01	8,83	69,46	5,56	16,32	8,22	< LOD	7,90
118480250	2017-08-28	180	332,66	60,17	< LOD	26,93	< LOD	25,38	< LOD	9,63	< LOD	5,11	< LOD	6,91	823888,38	3959,50	31,08	7,04	16,47	5,08	114,20	8,34	121,69	7,69	74,37	6,49	< LOD	18,68	< LOD	9,59
118480251	2017-08-28	180	< LOD	69,78	< LOD	20,21	< LOD	21,68	19,50	5,88	7,04	2,82	14,52	4,31	866544,56	2962,71	47,08	6,54	31,83	4,91	105,88	7,13	125,71	6,95	66,41	5,48	22,78	8,56	< LOD	7,41
118480252	2017-08-28	180	< LOD	75,98	37,45	15,07	< LOD	33,20	28,98	6,77	7,58	3,12	16,06	4,80	924789,50	2011,18	88,56	8,71	64,21	6,58	282,24	14,15	269,53	12,96	84,49	7,02	35,92	11,14	< LOD	11,67
118480253	2017-08-28	180	160,72	51,21	< LOD	20,95	< LOD	23,75	< LOD	8,68	< LOD	4,00	9,37	4,27	901558,94	2306,14	37,28	6,67	28,86	5,00	196,45	10,48	272,92	12,08	116,80	7,67	< LOD	13,16	< LOD	9,32
118480254	2017-08-28	180	169,83	48,98	29,33	13,58	< LOD	21,87	18,28	5,84	6,83	2,81	11,58	4,20	912239,44	2057,95	40,68	6,62	29,28	4,87	254,15	11,97	335,30	13,68	113,45	7,34	< LOD	12,92	< LOD	10,48
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118480256	2017-08-28	180	< LOD	66,14	< LOD	19,14	< LOD	20,61	11,63	5,35	< LOD	3,75	6,49	3,78	866107,81	2620,34	40,97	5,79	17,39	4,14	26,00	3,97	42,95	3,57	22,57	3,06	< LOD	10,48	< LOD	6,47
118480257	2017-08-28	180	< LOD	58,46	32,35	11,83	< LOD	26,24	18,62	5,10	9,70	2,58	13,12	3,72	920163,88	1846,04	86,06	6,96	50,49	5,13	40,67	4,54	42,05	3,64	18,57	3,00	16,37	7,11	< LOD	6,14
118480258	2017-08-28	180	156,14	49,82	< LOD	32,04	< LOD	22,11	14,17	5,78	< LOD	3,94	< LOD	5,94	880942,63	2618,83	27,61	6,20	18,10	4,58	112,31	7,51	155,55	8,06	91,20	6,53	< LOD	11,87	< LOD	8,06
118480259	2017-08-28	180	< LOD	82,13	33,94	16,33	< LOD	25,97	23,38	7,14	10,18	3,53	18,95	5,32	915304,13	2381,44	107,75	10,06	80,36	7,67	335,02	17,17	281,53	14,43	97,58	8,16	30,81	11,86	< LOD	15,60
118480260	2017-08-28	180	< LOD	71,52	33,99	14,48	< LOD	23,14	25,91	6,44	13,87	3,34	17,27	4,69	917996,19	2155,54	123,57	9,27	82,56	7,03	68,00	6,34	51,12	4,67	23,97	3,88	22,68	9,10	< LOD	12,20
118480261	2017-08-28	180	< LOD	59,88	20,10	11,76	< LOD	18,90	15,64	5,03	5,31	2,38	10,66	3,63	929870,44	1456,86	53,09	5,80	32,69	4,32	67,62	5,04	60,70	4,04	37,87	3,66	< LOD	9,16	135,95	10,59
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118480263	2017-08-28	180	< LOD	66,92	27,12	13,30	< LOD	27,37	25,84	5,93	7,46	2,77	17,17	4,31	904396,44	2127,77	83,34	7,24	49,38	5,33	46,46	4,91	37,54	3,60	29,13	3,68	< LOD	10,29	< LOD	7,02
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118480265	2017-08-28	180	< LOD	62,53	< LOD	18,69	< LOD	20,10	19,88	5,47	8,43	2,68	14,33	4,00	956272,25	1082,18	89,95	7,21	54,65	5,34	77,07	5,84	73,78	4,90	40,11	4,14	15,52	7,54	13,48	6,13
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118480269	2017-08-28	180	< LOD	60,16	22,84	11,97	< LOD	20,70	19,40	5,22	5,05	2,41	10,97	3,71	897027,81	2244,04	62,18	6,40	32,77	4,65	29,21	4,13	31,37	3,18	12,69	2,62	13,77	6,67	< LOD	5,89
118480270	2017-08-28	180	< LOD	90,81	41,32	18,65	< LOD	30,58	26,39	8,28	14,20	4,31	23,07	6,31	926928,31	2576,87	166,13	13,65	110,75	10,33	60,64	7,96	53,13	6,18	22,24	5,00	23,98	12,00	< LOD	12,09
118480271	2017-08-28	180	< LOD	75,21	< LOD	34,19	< LOD	23,54	15,80	6,20	6,31	2,98	11,20	4,49	886984,56	2672,87	66,05	7,56	46,62	5,70	173,56	9,92	187,49	9,58	92,07	6,94	26,84	9,88	< LOD	9,20
118480272	2017-08-28	180	790,40	63,92	< LOD	23,84	< LOD	23,81	< LOD	12,42	< LOD	5,53	9,89	4,48	841840,56	3475,07	34,41	6,77	20,22	4,95	109,41	7,82	126,58	7,52	79,70	6,45	< LOD	12,28	19,76	7,28
118480273	2017-08-28	180	< LOD	80,85	29,08	15,93	< LOD	25,62	25,44	7,07	7,40	3,31	11,17	4,89	909431,81	2422,33	97,34	9,24	70,39	6,97	306,37	15,40	285,90	13,91	86,93	7,31	26,93	10,85	< LOD	11,37
118480274	2017-08-28	180	< LOD	72,01	< LOD	20,76	< LOD	22,28	14,47	5,89	5,23	2,80	< LOD	6,05	914584,50	2033,27	49,90	6,81	36,97	5,13	194,59	10,07	205,55	9,68	106,10	7,12	17,18	8,90	21,92	7,14
118480275	2017-08-28	180	< LOD	66,78	31,23	13,51	< LOD	21,63	31,41	6,20	9,07	2,91	16,58	4,37	920952,75	2013,29	104,57	8,20	58,54	5,89	92,29	6,86	94,87	6,09	48,83	4,90	12,79	8,15	< LOD	8,54
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118480277	2017-08-28	180	190,86	59,04	< LOD	23,40	< LOD	26,09	< LOD	10,28	< LOD	4,55	< LOD	6,98	810171,25	4322,49	18,67	6,89	18,91	5,27	109,11	8,50	167,19	9,64	81,02	6,95	< LOD	20,07	19,65	7,23
118480278	2017-08-28	180	< LOD	60,81	20,74	12,10	< LOD	19,47	24,81	5,43	8,04	2,58	14,42	3,88	936510,38	1426,62	70,70	6,50	46,19	4,90	78,63	5,66	76,59	4,81	39,75	3,95	12,50	6,99	< LOD	7,15
118480279	2017-08-28	180	< LOD	70,57	25,72	13,30	< LOD	21,47	14,48	5,64	4,71	2,66	15,95	4,29	906904,31	2213,64	42,72	6,58	32,83	5,02	136,13	8,58	304,03	12,84	94,14	6,68	< LOD	16,65	11,09	7,01
118480280	2017-08-28	180	< LOD	58,55	< LOD	17,42	< LOD	18,82	9,88	4,90	5,42	2,41	10,53	3,65	996524,19	94,25	33,35	5,52	21,25	4,20	6,53	3,13	3,01	1,66	< LOD	3,02	< LOD	7,87	< LOD	4,89
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118480283	2017-08-28	180	< LOD	79,09	< LOD	23,46	< LOD	25,30	35,76	7,37	10,27	3,45	21,26	5,29	918846,06	2338,97	111,08	9,93	81,46	7,72	138,94	9,96	156,38	9,66	87,28	7,71	25,73	11,31	< LOD	11,58
118480284	2017-08-28	180	< LOD	68,90	< LOD	20,17	< LOD	21,68	15,25	5,74	5,95	2,75	10,67	4,15	835426,69	3498,71	56,96	6,73	34,67	4,99	69,39	5,82	66,40	4,83	34,91	4,03	< LOD	10,82	< LOD	7,25
118480285	2017-08-28	180	< LOD	102,75	< LOD	27,43	< LOD	21,17	17,15	5,65	5,96	2,69	10,81	4,06	918534,56	1932,14	46,29	6,61	32,49	4,88	231,04	11,05	300,06	12,39	102,34	6,82	< LOD	12,29	12,67	6,69
118480286	2017-08-28	180	< LOD	68,86	< LOD	27,85	< LOD	21,58	18,36	5,85	5,38	2,74	12,48	4,24	909666,19	2157,17	68,22	7,11	41,58	5,28	73,86	6,11	80,86	5,45	48,07	4,75	13,57	7,80	< LOD	6,84
118480287	2017-08-28	180	< LOD	77,65	34,57	15,41	< LOD	32,23	23,08	6,74	7,91	3,22	15,31	4,89	907717,75	2512,34	112,56	9,86	80,00	7,45	284,00	14,96	284,63	14,16	84,21	7,36	40,52	12,05	< LOD	11,69
118480288	2017-08-28	180	380,64	54,96	< LOD	32,12	< LOD	23,52	9,77	5,94	< LOD	4,17	8,81	4,34	884401,50	2683,24	26,19	6,60	24,09	4,92	261,97	12,63	276,64	12,35	93,07	6,85	21,67	9,26	< LOD	9,35
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118480294	2017-08-28	180	< LOD	78,70	34,68	15,50	< LOD	40,53	23,29	6,79	8,32	3,26	18,52	5,06	916721,94	2262,19	102,59	9,44	74,44	7,16	285,63	14,83	289,51	14,15	85,95	7,34	37,84	11,74	< LOD	12,04
118480295	2017-08-28	180	< LOD	73,05	27,45	14,40	< LOD	27,51	24,05	6,38	7,06	2,99	12,43	4,49	924318,31	1994,01	72,21	7,94	54,98	6,16	138,67	9,04	159,45	8,89	80,53	6,70	27,95	10,22	< LOD	14,43
118480296	2017-08-28	180	< LOD	70,27	28,36	13,38	< LOD	21,44	10,03	5,54	< LOD	3,92	15,87	4,32	929790,94	1758,30	52,63	6,97	39,99	5,25	248,82	11,86	278,85	12,07	86,89	6,44	15,87	8,76	< LOD	8,64
118480297	2017-08-28	180	< LOD	80,62	38,83	16,23	< LOD	35,28	34,41	7,46	10,27	3,52	21,97	5,42	936866,00	1901,55	113,91	10,05	75,89	7,57	138,01	9,88	127,73	8,54	124,31	9,44	57,20	13,96	< LOD	11,93
118480298	2017-08-28	180	< LOD	73,20	23,12	14,30	< LOD	23,04	23,76	6,35	8,14	3,03	13,38	4,51	915384,75	2053,42	74,25	7,79	50,64	5,91	108,14	7,83	130,31	7,70	111,81	7,88	37,69	10,91	< LOD	9,30
118480299	2017-08-28	180	132,10	49,96	< LOD	20,60	< LOD	22,12	9,98	5,70	5,14	2,76	< LOD	6,03	888796,25	2477,25	28,67	6,39	16,78	4,58	200,59	10,38	220,69	10,26	71,55	5,78	< LOD	13,31	< LOD	7,10
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118480301	2017-08-28	180	< LOD	74,30	< LOD	21,74	< LOD	23,19	20,61	6,36	7,59	3,05	15,06	4,65	926423,56	1922,01	84,19	8,39	61,35	6,32	300,27	14,40	276,38	12,88	79,04	6,59	16,92	9,45	< LOD	9,75
118480302	2017-08-28	180	< LOD	76,10	24,82	14,73	< LOD	30,94	19,53	6,39	7,11	3,05	11,32	4,54	839462,69	3606,52	58,97	7,34	37,93	5,48	87,85	7,00	101,68	6,57	36,73	4,44	12,36	7,95	< LOD	12,01
118480303	2017-08-28	180	< LOD	67,45	22,50	13,60	< LOD	23,44	27,86	6,20	8,98	2,96	18,06	4,51	952561,63	1324,61	101,18	8,39	63,00	6,22	93,25	7,12	93,06	6,22	37,28	4,50	13,46	8,41	< LOD	9,29

Sample Échantillon	Se ppm	Se Error ppm	Pb ppm	Pb Error ppm	W ppm	W Error ppm	Zn ppm	Zn Error ppm	Cu ppm	Cu Error ppm	Ni ppm	Ni Error ppm	Co ppm	Co Error ppm	Fe ppm	Fe Error ppm	Mn ppm	Mn Error ppm	Cr ppm	Cr Error ppm	V ppm	V Error ppm	Ti ppm	Ti Error ppm	Ca ppm	Ca Error ppm	K ppm	K Error ppm	S ppm	S Error ppm	Au ppm	Au Error ppm
118480228	< LOD	5,58	14,51	7,20	< LOD	140,10	202,39	23,22	129,11	29,90	< LOD	59,61	< LOD	293,91	87957,02	1941,27	995,72	124,79	84,32	29,01	118,55	69,71	1152,27	120,45	17174,30	596,72	7008,16	718,73	18755,25	6971,50	< LOD	15,52
118480229	< LOD	4,70	13,89	7,71	< LOD	168,08	240,60	26,98	68,88	29,56	< LOD	63,27	< LOD	320,19	96474,91	2259,23	488,88	109,98	133,30	34,33	155,73	87,46	1440,29	152,27	19279,26	697,76	10363,91	911,11	29734,01	8973,49	< LOD	16,94
118480230	< LOD	4,09	24,10	8,15	< LOD	148,28	311,75	29,10	160,93	33,45	< LOD	104,71	< LOD	241,20	49873,09	1257,23	1093,66	135,42	134,79	24,67	141,70	68,52	1881,67	132,86	16368,18	587,37	13097,18	846,93	9265,60	5153,15	< LOD	13,57
118480231	< LOD	7,67	52,46	12,18	< LOD	216,52	160,58	26,16	79,68	36,59	< LOD	81,43	< LOD	356,15	40813,32	1250,30	624,69	133,13	282,29	33,18	231,93	86,67	2398,30	170,10	14497,41	624,43	12664,75	936,93	< LOD	7828,69	< LOD	31,79
118480232	< LOD	5,91	20,29	8,31	< LOD	118,14	260,44	27,75	148,19	33,74	< LOD	65,45	< LOD	288,72	49725,61	1272,35	880,58	128,94	172,89	27,21	175,41	75,24	1924,85	143,07	8338,18	453,20	14042,18	896,51	< LOD	9098,25	< LOD	19,25
118480233	< LOD	5,06	30,13	9,46	< LOD	121,48	205,40	26,04	87,02	32,24	< LOD	88,67	< LOD	241,77	41697,34	1153,83	776,94	129,05	153,98	26,57	190,84	85,10	3394,82	183,71	14238,26	623,13	23382,79	1160,70	< LOD	9200,40	< LOD	18,57
118480234	< LOD	4,28	22,20	7,97	< LOD	103,75	251,04	26,17	127,56	31,13	< LOD	61,39	< LOD	294,12	87369,02	1959,48	3266,16	204,10	69,65	28,88	< LOD	150,24	1707,19	146,87	8405,31	474,83	10561,88	877,27	< LOD	7189,95	< LOD	20,12
118480235	< LOD	4,82	25,57	9,23	< LOD	203,74	140,13	22,99	90,29	33,32	< LOD	70,80	< LOD	262,85	49468,68	1363,88	646,51	124,91	165,17	28,80	171,12	91,43	3525,10	195,76	18328,37	740,38	28344,17	1315,01	< LOD	7414,09	< LOD	27,62
118480236	< LOD	7,63	11,94	7,40	< LOD	145,49	191,83	24,27	749,87	58,45	< LOD	64,83	< LOD	241,13	41110,26	1095,07	424,15	102,75	130,16	22,86	92,33	50,75	761,11	88,20	22748,29	680,32	3726,44	507,54	33805,37	7145,25	< LOD	23,86
118480237	< LOD	4,89	19,81	8,40	< LOD	144,40	161,42	22,77	75,64	30,53	< LOD	66,95	< LOD	230,55	39185,07	1075,31	448,46	108,59	179,79	26,16	173,02	81,23	3324,75	176,33	13460,60	607,35	25510,18	1185,45	< LOD	7685,81	< LOD	25,16
118480238	< LOD	6,96	50,89	11,84	160,78	94,78	140,45	24,75	98,78	36,84	< LOD	109,79	< LOD	257,86	41425,90	1229,56	774,38	138,50	273,53	32,41	157,94	86,55	2258,44	169,01	15067,82	622,98	13433,50	935,13	< LOD	11273,09	< LOD	33,67
118480239	< LOD	7,14	33,50	9,49	< LOD	117,06	173,66	24,10	142,39	34,79	< LOD	99,29	< LOD	231,09	38034,25	1067,28	496,08	111,41	153,88	24,91	< LOD	95,51	1407,72	121,59	19522,93	659,06	8537,19	720,33	25338,50	7256,60	< LOD	16,75
118480240	< LOD	5,27	13,47	8,04	< LOD	118,77	286,01	30,41	140,90	35,90	< LOD	93,20	< LOD	344,05	105391,41	2478,81	3135,11	213,10	95,58	36,41	< LOD	136,74	1434,96	158,38	7370,10	453,74	6500,05	782,11	< LOD	8464,84	< LOD	15,20
118480241	< LOD	5,54	26,16	8,82	< LOD	181,93	207,23	25,19	106,75	31,94	< LOD	101,49	< LOD	251,44	48597,17	1274,41	742,92	123,34	146,67	26,05	122,06	74,08	2217,35	147,80	16482,48	609,56	13680,47	888,03	13226,07	5487,07	< LOD	16,74
118480242	< LOD	6,19	41,13	11,71	< LOD	227,47	208,29	30,00	145,13	42,27	< LOD	145,10	< LOD	339,92	72774,08	2025,69	8891,32	428,70	221,08	37,38	< LOD	146,49	2572,58	189,98	11808,32	605,66	15865,85	1096,81	< LOD	10877,50	< LOD	26,46
118480243	< LOD	6,17	< LOD	10,99	< LOD	112,10	190,09	24,13	215,31	36,77	< LOD	99,53	< LOD	220,86	36505,92	1009,08	334,10	96,76	120,69	22,11	84,57	50,78	701,34	88,18	29281,45	826,38	4367,36	528,68	50369,90	8184,53	< LOD	14,98
118480244	< LOD	7,29	33,02	10,61	< LOD	218,60	220,31	29,65	135,09	40,04	< LOD	94,19	< LOD	301,05	37828,72	1176,27	1181,42	164,58	167,85	27,33	< LOD	102,69	1220,10	126,30	12915,58	546,21	7299,44	714,96	< LOD	6541,97	< LOD	31,95
118480245	< LOD	3,80	< LOD	9,88	< LOD	161,93	< LOD	16,33	< LOD	36,08	< LOD	60,05	< LOD	65,32	1984,24	151,29	136,38	80,48	91,74	13,13	35,48	22,08	< LOD	48,67	1082,42	99,27	< LOD	245,73	< LOD	2973,29	< LOD	20,43
118480246	< LOD	6,46	< LOD	17,36	< LOD	126,16	284,07	32,29	130,40	38,04	< LOD	93,03	< LOD	420,58	166794,00	3890,89	2324,00	187,61	70,74	41,78	< LOD	235,68	1523,10	187,70	8424,29	556,59	11331,21	1054,49	< LOD	12757,47	< LOD	19,58
118480247	< LOD	7,16	26,74	9,60	< LOD	140,47	223,71	27,86	316,75	45,62	< LOD	74,41	< LOD	404,92	47357,02	1315,86	1492,19	168,44	134,83	27,37	< LOD	99,27	817,37	114,68	13002,43	513,37	2912,46	520,46	10404,44	5627,07	< LOD	21,22
118480248	< LOD	8,97	49,41	13,62	< LOD	259,10	328,85	39,81	332,59	57,97	< LOD	107,20	< LOD	311,91	33555,68	1185,50	1696,31	213,66	222,88	30,85	< LOD	179,43	1706,68	147,49	12289,28	583,36	10992,50	885,15	< LOD	10169,97	< LOD	40,76
118480249	< LOD	8,06	23,10	8,65	< LOD	110,08	119,34	20,49	76,28	30,23	< LOD	64,48	< LOD	196,03	24641,18	750,63	517,59	110,05	120,28	20,34	< LOD	84,22	1275,80	108,62	17311,40	602,72	12511,12	781,16	9831,09	4505,98	< LOD	15,34
118480250	< LOD	5,51	16,72	8,59	< LOD	192,94	171,89	26,03	103,20	35,98	< LOD	74,50	< LOD	390,86	133113,52	3119,94	21937,90	671,67	70,60	42,12	< LOD	256,85	1540,28	189,48	7429,56	523,32	11016,60	1024,13	< LOD	9809,20	< LOD	21,47
118480251	< LOD	5,06	22,67	8,54	< LOD	164,17	201,89	24,94	257,63	39,50	< LOD	67,09	< LOD	313,93	48978,96	1294,75	562,40	114,06	115,74	24,43	111,12	69,44	1857,32	135,66	28379,98	830,66	11192,67	797,41	41316,31	7649,61	< LOD	14,11
118480252	< LOD	7,85	50,52	12,17	< LOD	200,03	153,55	25,64	100,30	37,77	< LOD	79,97	< LOD	319,86	42546,96	1285,10	748,32	139,46	301,01	32,93	190,09	84,67	2439,52	168,71	14492,01	610,67	13253,79	925,55	< LOD	6772,48	< LOD	22,70
118480253	< LOD	4,79	38,92	9,99	< LOD	114,62	166,84	23,85	70,65	31,15	< LOD	74,26	< LOD	278,88	59820,12	1543,93	661,08	121,38	113,44	26,85	144,65	82,77	2895,81	171,58	12205,35	583,22	21383,54	1130,00	< LOD	9336,75	< LOD	14,76
118480254	< LOD	4,63	28,00	8,98	< LOD	115,67	165,36	23,38	< LOD	42,93	< LOD	63,34	< LOD	231,10	39662,31	1087,53	864,84	130,47	143,78	24,30	169,58	72,94	2536,16	150,90	15777,11	622,69	23007,74	1097,59	< LOD	6067,64	< LOD	15,51
118480255	< LOD	6,23	18,10	9,19	< LOD	156,42	461,30	42,29	216,65	45,11	< LOD	135,55	< LOD	415,40	59129,17	1718,64	552,36	128,97	146,44	28,96	90,57	58,56	633,94	96,42	24219,85	797,67	2689,60	550,19	43021,93	8399,58	< LOD	24,65
118480256	< LOD	3,57	< LOD	13,26	< LOD	87,30	156,28	19,94	60,20	24,82	< LOD	57,16	< LOD	288,41	92888,20	1958,34	518,29	99,94	< LOD	38,12	< LOD	126,64	436,75	93,46	7489,02	370,16	3384,59	524,04	28737,80	7242,35	< LOD	12,81
118480257	< LOD	5,60	15,50	7,50	< LOD	104,13	106,23	18,73	95,69	28,98	< LOD	60,19	< LOD	249,25	20552,96	628,81	262,10	88,22	137,46	18,23	< LOD	53,88	461,51	63,38	21678,66	631,36	802,23	305,92	35276,17	6109,28	< LOD	20,59
118480258	< LOD	4,49	17,40	7,93	< LOD	142,53	195,66	24,50	77,69	29,85	< LOD	65,41	< LOD	305,59	81790,54	1930,65	3358,09	216,45	81,47	28,45	< LOD	124,03	1933,66	155,74	9768,62	520,93	14609,51	989,09	< LOD	7410,09	< LOD	18,46
118480259	< LOD	6,90	46,30	12,72	198,99	109,08	170,41	29,54	81,09	41,54	< LOD	96,41	< LOD	503,80	48242,97	1520,20	951,73	162,78	286,70	37,07	275,05	101,95	2747,13	199,60	16275,90	715,05	14325,47	1065,84	< LOD	13644,95	< LOD	28,43
118480260	< LOD	6,08	33,05	10,35	261,75	99,68	253,08	31,49	198,61	42,58	94,11	56,21	< LOD	243,15	35944,48	1107,99	1605,10	183,37	165,11	28,21	< LOD	93,41	615,17	105,15	19270,28	690,59	2864,08	557,92	20150,19	6355,73	< LOD	21,00
118480261	< LOD	3,82	15,46	6,74	< LOD	85,97	126,88	17,74	109,02	26,34	< LOD	53,16	< LOD	219,29	49441,63	1127,05	1334,64	132,27	85,30	20,33	< LOD	70,39	948,63	86,11	7920,33	348,63	5324,03	529,76	< LOD	5746,44	< LOD	17,77
118480262	< LOD	3,73	13,43	6,81	< LOD	94,57	55,45	14,59	47,11	24,45	< LOD	56,05	< LOD	232,88	31408,89	821,39	246,25	84,69	99,79	19,54	< LOD	67,74	723,19	80,95	8670,92	367,40	4884,59	513,39	18980,98	5388,16	< LOD	21,55
118480263	< LOD	6,19	19,58	8,12	< LOD	170,42	153,40	21,95	121,11	31,51	< LOD	64,19	< LOD	381,24	61438,44	1497,79	2185,95	179,66	127,10	26,10	< LOD	142,90	523,12	101,00	8182,54	377,80	2917,43	489,20	19599,42	6419,48	< LOD	23,22
118480264	< LOD	14,29	45,49	14,68	294,38	146,43	297,01	42,92	417,34	69,95	< LOD	116,53	< LOD	356,17	54893,52	1922,37	1041,86	191,00	408,60	48,17	308,03	122,47	3006,29	238,24	26296,11	1050,02	15310,51	1201,44	18846,53	7839,92	< LOD	31,30
118480265	< LOD	5,63	18,68	7,95	< LOD	110,80	226,34	25,52	153,73	33,21	< LOD	84,31	< LOD	244,49	20285,98	629,56	272,21	92,60	149,46	20,43	< LOD	112,69	1018,13	93,55	11609,07	444,09	5173,26	531,13	< LOD	5878,90	< LOD	14,62
118480266	< LOD	7,65	35,91	11,09	145,42	96,05	135,72	25,23	112,43	39,45	< LOD	85,16	< LOD	270,06	43439,70	1322,02	683,90	138,09	234,73	32,42	209,83	90,83	2342,93	176,04	14692,21	640,39	13174,88	973,54	< LOD	8117,08	< LOD	26,18
118480267	< LOD	8,14	< LOD	16,60	< LOD	153,49	125,41	21,39	93,63	32,30	< LOD	68,87	< LOD	300,08	73257,20	1825,74	266,31	100,40	102,18	28,68	< LOD	150,51	779,66	114,31	10887,20	476,60	5123,44	636,54	32083,29	8179,64	< LOD	26,65
118480268	< LOD	5,19	25,94	9,01	< LOD	191,32	166,32	23,68	143,75	34,73	< LOD	65,50	< LOD	314,00	28567,81	856,04	607,45	119,66	135,71	21,61	123,59	65,51	2393,06	139,64	14077,47	551,49	15854,34	882,63	5779,35	3806,73	< LOD	19,98
118480269	< LOD	4,94	10,92	6,94	< LOD	155,89	346,15	29,91	184,03	33,33	< LOD	64,51	< LOD	224,78	42073,51	1078,77	477,47	102,48	85,80	19,70	< LOD	61,88	277,03	65,40	15614,68	494,85	1022,14	328,04	42539,17	7010,04	< LOD	13,60
118480270	< LOD	10,80	24,89	12,88	261,00	154,10	232,22	41,19	379,36	73,28	185,22	88,85	< LOD	272,61	17857,24	849,25	548,19	168,25	364,07	39,88	130,74	69,32	386,05	110,42	21390,38	921,56	< LOD	1062,94	30746,91	8391,47	< LOD	32,45
118480271	< LOD	6,35	35,70	10,28	< LOD	207,62	235,58	28,52	236,43	41,60	< LOD	108,19	< LOD	297,55	66066,52	1724,41	789,89	131,87	177,51	32,31	209,70	89,45	2648,59	175,98	13326,72	609,06	16840,95	1069,49	11821,91	6403,09	< LOD	25,56
118480272	< LOD	5,27	24,15	8,99	< LOD	123,12	268,19	29,96	81,05	32,39	< LOD	87,67	< LOD	319,09	82004,98	1930,12	55436,21	1385,07	108,07	43,37	< LOD	186,21	1872,88	215,10	6802,40	480,39	10113,39	939,89	< LOD	8272,54	< LOD	15,88
118480273	< LOD	9,62	42,42	11,88	160,87	101,82	154,33	26,95	99,32	39,49	< LOD	88,70	< LOD	281,25	45891,53	1395,78	1085,32	163,10	325,79	34,78	< LOD	136,17	2489,33	180,71	16011,91	660,03	14736,58	985,48	8499,18	5233,42	< LOD	33,99
118480274	< LOD	4,97	23,04	8,72	< LOD	119,42	221,18	26,47	89,74	31,89	< LOD	66,71	< LOD	233,05	39059,49	1083,98	677,43	122,14	168,06	25,46	115,97	73,66	2725,45	156,95	12608,95	558,52	18967,20	1019,86	9979,09	4468,89	< LOD	16,51
118480275	< LOD	7,21	26,97	9,29	< LOD	191,97	164,18	24,28	125,09	35,29	< LOD	81,13	< LOD	186,27	21501,26	712,26	262,06	98,40	165,09	23,18	105,13	54,19	1240,30	104,61	22489,46	737,74	6878,08	634,24	25574,32	6495,13	< LOD	19,98
118480276	< LOD	7,49	15,69	8,03	< LOD	126,06	456,42	37,07	143,05	34,53	< LOD	91,56	< LOD	342,73	110783,80	2535,21	1504,97	152,80	115,75	35,30	< LOD	135,84	1265,83	154,24	16641,54	643,64	8609,66	863,43	< LOD	8865,20	< LOD	21,06
118480277	< LOD	5,58	14,51	8,55	< LOD	135,10	213,75	29,29	92,13	36,37	< LOD	81,18	< LOD	419,07	160762,75	3794,53	4039,41	241,62	75,55	44,21	< LOD	166,11	2040,31	196,10	8221,90	616,90	13487,49	1213,52	< LOD	12080,36	< LOD	16,46
118480278	< LOD	4,72	24,00	7,92	< LOD	138,06	77,92	16,23	< LOD	36,34	< LOD	57,99	< LOD	193,23	32411,32	858,81	650,18	110,52	124,99	21,30	87,86	49,75	1030,58	92,59	15749,93	528,39	6104,15	578,99	6807,69	4163,40	< LOD	22,20
118480279	< LOD	5,20	34,47	9,56	< LOD	117,09	118,10	20,93	52,47	29,59	< LOD	65,92	< LOD	219,48	35259,75	1007,66	811,99	129,77	125,08	22,09	133,79	65,64	1914,19	130,54	20012,30	681,82	19040,66	968,64	14772,19	4898,55	< LOD	23,94
118480280	< LOD	3,30	< LOD	11,36	< LOD	95,23	< LOD	22,56	< LOD	43,53	< LOD	53,95	< LOD	60,51	2109,12	149,16	< LOD	141,13	100,14	12,76	32,51	18,98	< LOD	39,90	1043,56	93,15	< LOD	233,94	< LOD	3954,87	< LOD	14,22
118480281	< LOD	4,69	17,72	8,49	< LOD	120,93	144,97	23,42	51,84	31,28	< LOD	70,23	< LOD	298,34	66062,63	1706,67	11190,24	455,78	178,19	34,06	< LOD	147,54	2535,54	188,23	14905,90	660,36	21516,10	1191,44	< LOD	7400,22	< LOD	18,00
118480282	< LOD	4,64	15,27	7,76	< LOD	109,06	147,87	22,00	70,56	29,57	< LOD	65,22	< LOD	345,23	51055,95	1329,84	1960,90	176,49	151,10	27,29	137,59	75,16	2092,94	147,37	25179,36	793,04	15798,68	963,01	24766,23	6972,60	< LOD	14,41
118480283	< LOD	6,63	41,78	12,24	< LOD	170,66	225,40	33,06	351,37	56,25	< LOD	89,64	< LOD	273,95	37129,90	1248,07	516,36	137,47	338,15	36,81	260,86	95,57	3017,27	197,41	13724,44	658,12	16598,48	1105,46	< LOD	8602,13	25,84	17,14
118480284	< LOD	4,75	17,16	7,84	< LOD	174,72	275,54	28,46	170,44	35,02	< LOD	91,80	< LOD	264,48	56973,91	1463,30	771,47	123,76	83,97	24,04	90,62	56,75	1013,67	101,66	31732,31	879,15	4203,18	572,89	68918,95	9313,71	< LOD	25,13
118480285	< LOD	4,79	28,46	8,91	< LOD	142,64	90,62	18,49	82,48	30,44	< LOD	63,88	< LOD	200,18	29012,36	847,04	416,91	104,06	183,18	24,00	107,02	68,40	2567,06	147,86	20219,67	705,44	21642,81	1058,06	< LOD	6479,37	< LOD	23,10
118480286	< LOD	6,34	< LOD	11,47	< LOD	161,07	123,09	21,11	126,09	34,08	< LOD	73,72	< LOD	246,42	37278,64	1055,00	408,02	106,36	188,76	26,37	< LOD	98,89	1734,27	130,71	13930,19	541,33	8843,89	726,87	27176,62	6601,86	< LOD	26,20
118480287	< LOD	6,76	51,76	12,89	< LOD	151,38	174,14	28,64	143,68	43,05	< LOD	106,44	< LOD	288,71	46818,69	1447,56	948,29	158,96	279,01	35,02	212,22	95,82	2881,17	194,16	16281,95	694,66	14632,46	1036,75	8746,87	5477,95	< LOD	23,60
118480288	< LOD	4,45	28,56	9,28	< LOD	186,69	109,90	20,78	68,56	31,58	< LOD	68,68	< LOD	259,51	47608,31	1265,88	23755,13	761,26	131,10	32,36	< LOD	139,96	2835,95	186,43	16019,43	683,86	23815,09	1234,28	< LOD	6668,47	< LOD	18,54
118480289	< LOD	6,48	< LOD	13,31	< LOD	175,69	157,95	28,75	< LOD	60,20	< LOD	96,07	< LOD	491,26	197168,33	5000,49	16759,13	591,32	< LOD	78,49	< LOD	295,93	1866,39	238,28	11777,36	728,61	16082,75	1352,94	< LOD	11436,31	< LOD	26,41
118480290	< LOD	7,56	46,28	11,65	< LOD	217,79	130,10	24,03	84,51	36,35	< LOD	79,79	< LOD	290,27	52859,22	1525,42	597,17	129,64	218,71	31,79	137,92	88,52	2735,91	180,47	14728,71	648,76	18016,72	1095,29	9279,78	5395,78	< LOD	26,92
118480291	< LOD	4,91	35,52	9,66	145,17	82,28	173,86	24,56	187,96	37,59	91,79	50,22	< LOD	224,93	35231,02	1012,17	511,62	113,83	156,15	24,37	111,44	53,76	969,55	96,81	21355,73	683,83	4818,66	566,66	37806,99	7600,85	< LOD	22,57
118480292	< LOD	4,26	22,71	8,55	< LOD	115,06	127,96	21,81	61,52	30,60	< LOD	67,75	< LOD	292,33	65212,52	1613,75	32334,00	923,09	89,50	36,37	< LOD	170,67	2609,21	212,04	16633,76	702,92	18983,46	1182,39	< LOD	10738,31	< LOD	14,97
118480293	< LOD	3,97	20,60	7,94	< LOD	103,92	162,10	22,02	< LOD	39,16	< LOD	62,58	< LOD	198,03	30103,32	847,46	442,96	103,35	173,64	22,45	140,51	67,31	2845,09	147,97	15066,93	585,54	23154,90	1046,34	< LOD	6927,46	< LOD	13,16
118480294	< LOD	6,61	52,48	12,74	154,57	99,58	169,10	27,98	122,13	41,25	< LOD	103,81	< LOD	378,47	45920,06	1406,92	825,04	150,00	301,87	36,37	264,74	95,38	3025,63	194,72	16816,38	704,09	14665,26	1037,67	< LOD	10087,29	< LOD	22,42
118480295	< LOD	5,59	36,67	10,66	< LOD	147,38	297,50	33,25	272,67	45,91	< LOD	87,00	< LOD	298,94	40062,97	1205,26	668,66	132,88	219,53	30,27	193,38	81,09	2481,42	164,22	16988,71	673,08	13703,82	954,77	< LOD	10553,22	< LOD	21,46
118480296	< LOD	4,87	33,36	9,58	< LOD	170,54	63,16	17,42	< LOD	60,32	< LOD	69,08	< LOD	193,71	24366,80	765,76	398,82	105,53	156,22	22,29	183,03	67,82	2429,06	142,49	17911,75	662,29	23886,07	1084,77	< LOD	8256,53	< LOD	28,25
118480297	< LOD	9,21	37,04	12,47	212,12	120,19	290,75	37,18	194,11	48,91	< LOD	137,35	< LOD	381,36	25746,42	947,71	465,99	134,20	244,44	30,07	143,81	68,15	1601,77	133,37	15530,77	657,86	9874,72	830,46	8028,69	4907,74	< LOD	26,27
118480298	< LOD	7,97	30,17	10,16	< LOD	174,29	489,65	40,94	233,89	42,58	< LOD	78,41	< LOD	271,13	41008,52	1186,82	664,72	130,00	226,73	30,07	166,79	81,19	2731,44	170,38	12652,50	579,27	15154,85	987,77	10620,92	5393,79	< LOD	32,13
118480299	< LOD	4,31	13,32	7,49	< LOD	110,56	95,00	19,15	< LOD	64,36	< LOD	94,55	< LOD	298,93	79048,34	1880,11	5885,25	291,24	101,61	30,60	< LOD	121,63	1394,07	145,18	10460,51	537,84	13327,15	977,29	< LOD	7864,82	< LOD	18,92
118480300	< LOD	4,79	26,21	9,03	< LOD	157,21	183,11	24,82	48,72	30,32	< LOD	69,96	< LOD	300,86	72457,31	1822,94	495,55	113,20	162,20	32,97	< LOD	139,30	2463,75	180,33	13459,09	656,10	21257,06	1230,04	< LOD	10189,29	< LOD	18,15
118480301	< LOD	5,94	39,63	10,85	< LOD	135,23	136,55	24,03	74,27	35,10	< LOD	80,47	< LOD	253,69	40966,66	1213,74	718,43	134,76	232,14	29,96	212,97	84,92	2503,83	168,64	14623,55	600,34	13030,19	899,66	< LOD	11491,93	< LOD	32,62
118480302	< LOD	9,46	21,43	8,97	< LOD	232,00	788,67	52,25	238,82	42,07	99,79	53,36	< LOD	323,40	82176,09	2079,60	1851,13	177,40	132,17	33,64	< LOD	125,65	1043,94	143,61	26255,71	829,87	5507,65	725,41	41931,07	8884,25	< LOD	25,35
118480303	< LOD	9,51	38,18	10,57	< LOD	136,82	139,97	24,26	214,86	42,09	< LOD	79,58	< LOD	158,86	14113,03	542,07	279,73	103,53	212,91	23,67	115,94	54,94	1563,10	112,50	15516,51	581,00	6325,04	603,44	8314,64	4533,50	< LOD	33,63

Sample Échantillon	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	Ba ppm	Ba Error ppm	Sb ppm	Sb Error ppm	Sn ppm	Sn Error ppm	Cd ppm	Cd Error ppm	Pd ppm	Pd Error ppm	Ag ppm	Ag Error ppm	Bal ppm	Bal Error ppm	Mo ppm	Mo Error ppm	Nb ppm	Nb Error ppm	Zr ppm	Zr Error ppm	Sr ppm	Sr Error ppm	Rb ppm	Rb Error ppm	Bi ppm	Bi Error ppm	As ppm	As Error ppm
118480304	2017-08-28	180	< LOD	62,01	22,97	12,48	< LOD	20,04	18,33	5,42	6,84	2,60	17,33	4,09	925719,38	1763,22	101,62	7,55	64,47	5,64	72,36	5,72	67,01	4,69	27,96	3,59	14,09	7,38	< LOD	8,01
118480305	2017-08-28	180	< LOD	62,14	23,91	12,36	< LOD	23,18	14,69	5,25	5,16	2,49	11,32	3,83	893771,31	2302,69	63,03	6,36	40,68	4,79	59,42	5,12	69,08	4,58	37,10	3,84	12,64	6,92	< LOD	6,52
118480306	2017-08-28	180	112,85	48,11	< LOD	25,06	< LOD	21,58	10,38	5,57	< LOD	3,87	7,44	4,01	911477,81	2067,21	31,50	6,25	30,58	4,85	174,27	9,38	245,02	10,75	121,75	7,56	13,77	8,66	< LOD	10,80
118480307	2017-08-28	180	< LOD	70,22	27,38	14,22	< LOD	22,96	27,07	6,41	8,35	3,03	16,96	4,63	933525,63	1816,15	116,35	8,90	68,12	6,49	50,53	5,73	72,76	5,52	26,97	4,02	19,29	8,75	< LOD	9,25
118480308	2017-08-28	180	450,24	58,11	27,53	14,93	< LOD	33,56	16,92	6,38	< LOD	4,34	15,77	4,79	875598,50	3039,08	58,65	7,87	51,98	6,12	287,91	14,31	312,17	14,33	102,25	7,67	17,70	10,20	25,80	10,73
118480309	2017-08-28	180	< LOD	70,49	35,04	14,20	< LOD	28,00	19,52	6,12	9,68	3,07	15,05	4,51	941071,19	1566,61	93,92	8,04	58,42	5,96	100,36	7,20	90,62	6,01	43,17	4,70	16,05	8,41	23,03	7,64
118480310	2017-08-28	180	< LOD	78,71	< LOD	23,26	< LOD	25,26	26,40	6,97	7,91	3,27	12,83	4,86	850052,25	3685,28	104,16	9,22	68,93	6,95	83,26	7,28	69,06	5,71	39,64	4,98	17,65	9,33	< LOD	10,16
118480311	2017-08-28	180	< LOD	70,46	< LOD	20,66	< LOD	22,09	21,43	6,07	5,99	2,82	7,11	4,11	846901,63	3355,26	55,86	6,92	30,39	5,04	60,67	5,69	57,06	4,60	30,95	3,93	< LOD	15,48	< LOD	8,04
118480312	2017-08-28	180	203,46	52,10	24,87	14,23	< LOD	22,99	12,48	5,95	< LOD	4,04	< LOD	6,20	896622,38	2381,44	27,76	6,40	28,57	4,94	203,78	10,53	237,61	10,83	112,42	7,43	< LOD	13,15	< LOD	9,13
118480313	2017-08-28	180	< LOD	63,89	25,23	12,86	< LOD	20,43	19,25	5,64	8,22	2,76	15,42	4,18	955800,56	1056,39	76,65	7,54	48,33	5,63	57,07	5,71	66,36	5,11	36,35	4,32	< LOD	11,37	< LOD	7,83
118480314	2017-08-28	180	< LOD	80,54	< LOD	23,34	< LOD	35,09	25,03	6,94	8,14	3,29	12,65	4,87	880946,75	3085,85	87,52	8,94	57,83	6,62	206,34	12,10	254,01	12,90	92,74	7,62	19,37	10,31	< LOD	11,67
118480315	2017-08-28	180	< LOD	58,41	< LOD	17,52	< LOD	18,93	12,12	4,98	< LOD	4,17	8,95	3,61	996788,63	86,27	38,10	5,59	16,15	4,05	6,19	3,11	5,03	1,78	3,93	1,88	< LOD	6,56	< LOD	5,10
118480316	2017-08-29	180	341,34	51,85	< LOD	29,82	< LOD	22,16	< LOD	7,93	< LOD	2,61	< LOD	5,96	889966,25	2477,45	24,91	6,22	23,12	4,64	258,76	11,89	276,32	11,72	122,61	7,59	14,79	8,72	33,95	7,83
118480317	2017-08-29	180	< LOD	65,17	36,08	13,17	< LOD	27,72	20,39	5,69	13,00	2,99	15,86	4,21	949218,44	1354,34	96,50	7,72	60,70	5,77	60,17	5,57	67,68	4,91	27,93	3,76	22,21	8,29	< LOD	7,89
118480318	2017-08-29	180	384,98	60,91	< LOD	22,23	< LOD	29,59	< LOD	12,81	< LOD	4,15	< LOD	8,65	813811,19	4211,15	13,99	6,73	13,53	5,01	152,51	9,89	190,50	10,34	93,76	7,41	< LOD	20,21	10,95	6,72
118480319	2017-08-29	180	< LOD	69,57	23,68	13,86	< LOD	26,63	23,83	6,16	7,65	2,92	18,17	4,56	914433,31	2166,27	88,51	7,99	58,95	6,05	90,33	7,04	115,45	7,00	46,82	4,92	16,40	8,56	< LOD	8,93
118480320	2017-08-29	180	113,42	49,73	< LOD	31,86	< LOD	30,37	16,76	5,92	< LOD	4,06	< LOD	6,03	897374,94	2361,54	37,95	6,62	30,19	5,00	179,11	9,75	201,14	9,68	109,33	7,34	18,55	9,11	< LOD	8,64
118480321	2017-08-29	180	< LOD	65,09	22,21	12,96	< LOD	20,87	18,66	5,64	9,21	2,82	16,78	4,24	938249,38	1600,94	82,01	7,31	50,49	5,45	60,59	5,64	93,44	5,83	35,42	4,10	13,68	7,71	< LOD	7,80
118480322	2017-08-29	180	< LOD	83,15	30,36	16,39	< LOD	31,55	19,89	7,06	10,43	3,55	16,16	5,22	910279,44	2454,00	103,71	9,66	79,21	7,44	313,05	16,02	304,43	14,91	89,63	7,62	29,96	11,46	< LOD	11,90
118480323	2017-08-29	180	< LOD	75,24	35,55	15,41	< LOD	24,65	31,40	7,04	11,65	3,44	21,01	5,16	954858,19	1422,09	117,01	9,83	77,98	7,48	55,84	6,48	63,21	5,63	28,74	4,55	23,05	9,97	< LOD	9,89
118480324	2017-08-29	180	< LOD	78,02	31,32	15,70	< LOD	28,69	26,05	6,97	7,13	3,23	15,93	5,00	803583,25	4662,39	109,37	9,45	64,91	6,88	58,61	6,45	69,31	5,78	26,64	4,25	< LOD	12,72	< LOD	9,58
118480325	2017-08-29	180	< LOD	72,34	22,79	14,62	< LOD	36,03	25,85	6,56	13,29	3,36	19,33	4,85	918007,00	2162,02	125,35	9,11	82,30	6,89	55,06	5,80	59,02	4,92	24,57	3,85	16,62	8,51	< LOD	8,41
118480326	2017-08-29	180	< LOD	78,18	24,29	15,46	< LOD	24,98	21,92	6,79	7,39	3,23	15,86	4,98	916888,56	2275,67	85,96	8,81	66,75	6,91	154,19	10,01	130,76	8,28	87,69	7,37	18,33	10,23	< LOD	16,11
118480327	2017-08-29	180	< LOD	78,39	28,18	15,65	< LOD	25,01	21,71	6,85	11,02	3,46	16,93	5,07	927071,94	2057,27	101,85	9,25	65,07	6,90	101,80	8,21	121,90	7,97	68,07	6,55	31,78	11,03	< LOD	11,24
118480328	2017-08-29	180	< LOD	77,68	< LOD	22,75	< LOD	24,65	15,38	6,49	9,11	3,26	14,06	4,81	910906,06	2304,24	75,03	8,09	51,27	6,16	88,95	7,26	75,21	5,79	67,53	6,20	17,53	9,41	17,90	8,26
118480329	2017-08-29	180	< LOD	75,91	< LOD	22,24	< LOD	24,09	27,32	6,71	7,34	3,11	13,54	4,70	918400,56	2183,36	88,72	8,81	70,06	6,81	305,31	15,02	273,22	13,18	84,02	7,04	28,55	10,64	< LOD	10,54
118480330	2017-08-29	180	< LOD	71,14	24,46	14,09	< LOD	22,43	22,85	6,21	7,66	2,95	12,83	4,41	896514,19	2478,08	83,53	7,83	54,80	5,89	88,92	6,93	104,29	6,56	57,48	5,39	22,62	9,01	55,45	9,32
118480331	2017-08-29	180	< LOD	129,94	< LOD	31,92	< LOD	28,10	< LOD	12,56	< LOD	3,64	< LOD	6,11	707544,81	6685,50	13,16	7,27	10,40	5,47	32,14	5,66	32,16	4,28	11,97	3,30	< LOD	9,08	< LOD	8,97
118480332	2017-08-29	180	312,07	54,52	< LOD	21,56	< LOD	23,29	< LOD	8,78	< LOD	5,22	< LOD	6,30	864858,63	2965,41	26,56	6,38	20,20	4,76	138,14	8,57	183,90	9,22	64,68	5,59	16,42	8,31	< LOD	9,84
118480333	2017-08-29	180	< LOD	72,82	26,43	14,04	< LOD	22,53	15,82	5,97	6,71	2,89	12,14	4,36	911124,25	2155,22	58,02	7,21	45,36	5,56	166,57	9,59	221,46	10,54	112,81	7,63	21,58	9,63	21,66	7,81
118480334	2017-08-29	180	< LOD	70,50	24,80	13,98	< LOD	22,36	23,98	6,22	4,64	2,79	9,61	4,27	940303,25	1573,64	66,20	7,37	42,72	5,55	69,61	6,25	85,44	5,87	43,92	4,77	15,13	8,30	< LOD	7,97
118480335	2017-08-29	180	< LOD	66,91	< LOD	19,29	< LOD	20,91	16,31	5,53	< LOD	3,78	8,90	3,91	924789,13	1686,85	47,29	6,22	35,65	4,74	137,71	7,74	170,29	7,97	72,59	5,42	< LOD	11,17	< LOD	7,57
118480336	2017-08-29	180	< LOD	84,99	37,29	16,87	< LOD	41,56	28,79	7,54	11,21	3,69	19,11	5,48	903614,75	2704,22	119,48	10,52	82,50	7,84	325,35	17,05	300,43	15,31	92,81	8,04	20,45	11,22	< LOD	16,40
118480337	2017-08-29	180	< LOD	74,39	24,63	14,92	< LOD	24,25	25,13	6,69	7,52	3,15	19,92	5,00	945620,50	1624,82	109,88	9,39	69,94	7,04	68,90	6,84	76,43	6,08	37,92	4,96	21,30	9,78	< LOD	10,16
118480338	2017-08-29	180	< LOD	71,06	26,80	13,91	< LOD	22,19	21,04	6,08	6,75	2,88	15,10	4,44	923680,56	1877,27	66,86	7,18	47,12	5,42	171,15	9,36	203,97	9,63	86,27	6,35	< LOD	12,51	< LOD	9,77
118480339	2017-08-29	180	< LOD	74,07	< LOD	22,04	< LOD	23,68	22,74	6,50	8,53	3,14	16,32	4,76	932489,50	1742,72	82,07	7,96	60,63	6,21	86,35	6,91	74,83	5,56	48,38	5,09	24,76	9,31	146,68	13,90
118480340	2017-08-29	180	< LOD	71,43	< LOD	32,18	< LOD	22,69	23,75	6,24	7,95	2,98	11,58	4,37	920996,13	2001,92	78,22	7,66	53,20	5,81	106,04	7,55	145,35	7,99	91,01	6,82	33,48	10,21	< LOD	9,31
118480341	2017-08-29	180	147,20	47,76	< LOD	19,89	< LOD	21,17	< LOD	8,06	4,92	2,65	9,00	4,01	907803,25	2143,74	27,43	6,07	24,18	4,61	161,62	8,99	283,98	11,83	89,38	6,29	< LOD	11,85	< LOD	6,87
118480342	2017-08-29	180	< LOD	81,54	< LOD	20,54	< LOD	22,19	8,63	5,67	4,95	2,76	9,04	4,18	890373,25	2532,88	54,45	7,04	34,58	5,18	162,66	9,28	181,68	9,11	85,38	6,45	14,70	8,57	< LOD	10,99
118480343	2017-08-29	180	< LOD	78,77	28,09	15,50	< LOD	25,06	25,28	6,90	8,43	3,29	17,00	5,02	916606,75	2298,12	94,18	9,38	69,64	7,12	304,60	15,71	286,27	14,26	86,68	7,48	30,42	11,34	< LOD	11,69
118480344	2017-08-29	180	< LOD	72,29	< LOD	21,06	< LOD	22,59	12,02	5,90	< LOD	4,14	8,57	4,24	872164,38	2788,90	50,91	6,76	31,29	5,05	44,74	5,12	48,24	4,22	23,05	3,49	< LOD	10,66	< LOD	6,80
118480345	2017-08-29	180	521,17	58,04	< LOD	30,92	< LOD	23,66	< LOD	12,43	< LOD	4,94	< LOD	6,34	855615,88	3181,34	17,66	6,33	15,31	4,67	193,64	10,46	211,25	10,25	103,87	7,27	13,95	8,70	86,03	10,35
118480346	2017-08-29	180	721,58	64,64	< LOD	29,80	< LOD	24,74	< LOD	9,29	< LOD	4,04	< LOD	9,54	822593,00	3924,37	20,11	6,69	10,53	4,77	167,85	10,08	180,93	9,70	61,78	5,78	< LOD	17,64	13,15	6,49
118480347	2017-08-29	180	< LOD	77,20	23,38	15,12	< LOD	24,22	25,18	6,73	7,63	3,17	12,61	4,72	914958,56	2184,15	78,83	8,20	59,76	6,38	133,09	8,86	125,37	7,71	97,01	7,48	45,53	11,67	< LOD	10,60
118480348	2017-08-29	180	< LOD	71,69	< LOD	20,92	< LOD	22,56	15,76	5,97	6,26	2,87	12,54	4,37	902701,75	2291,80	58,58	7,12	44,37	5,49	121,78	7,98	151,77	8,13	81,90	6,35	13,24	8,61	< LOD	8,96
118480349	2017-08-29	180	< LOD	128,15	< LOD	37,32	< LOD	28,28	10,23	6,52	5,36	3,16	11,63	4,86	876365,94	3002,96	47,93	7,53	35,36	5,66	177,79	10,70	226,14	11,48	139,59	9,28	34,23	11,40	53,72	9,86
118480350	2017-08-29	180	< LOD	60,62	27,69	12,35	< LOD	23,67	19,82	5,42	3,84	2,45	13,99	3,95	996074,00	106,53	52,77	6,45	28,55	4,75	16,19	3,75	5,81	2,00	< LOD	2,97	< LOD	7,50	< LOD	5,80
118480351	2017-08-29	180	< LOD	65,03	30,46	13,13	< LOD	20,95	18,83	5,66	6,08	2,68	17,91	4,29	929134,44	1731,24	90,54	7,50	50,14	5,39	97,47	6,67	75,95	5,14	45,59	4,56	23,47	8,33	< LOD	7,61
118480352	2017-08-29	180	< LOD	69,16	24,00	13,86	< LOD	22,22	25,57	6,23	10,16	3,05	21,02	4,68	934477,56	1767,52	101,28	8,55	69,49	6,49	146,38	9,00	115,66	7,13	72,49	6,24	27,58	9,99	< LOD	9,67
118480353	2017-08-29	180	329,22	63,75	< LOD	37,65	< LOD	27,24	11,03	6,93	< LOD	5,90	< LOD	6,59	770333,69	5198,64	23,09	7,15	14,42	5,32	49,41	6,15	51,12	5,04	27,40	4,28	< LOD	13,38	< LOD	8,32
118480354	2017-08-29	180	< LOD	70,49	28,20	14,16	< LOD	22,71	25,37	6,30	8,63	3,01	13,27	4,44	897927,00	2546,71	99,31	8,34	58,86	6,10	74,06	6,44	75,88	5,55	30,09	4,08	< LOD	15,48	< LOD	8,06
118480355	2017-08-29	180	397,90	59,73	< LOD	31,66	< LOD	25,14	< LOD	10,56	< LOD	3,05	< LOD	8,83	808756,25	4202,21	12,78	6,52	18,64	5,05	142,43	9,24	153,46	8,76	59,74	5,72	< LOD	17,44	69,47	9,65
118480356	2017-08-29	180	< LOD	67,03	< LOD	31,30	< LOD	21,16	17,50	5,68	4,08	2,60	8,97	4,00	896548,00	2359,19	56,76	6,69	33,47	4,94	67,91	5,79	77,13	5,21	39,13	4,23	< LOD	10,65	< LOD	7,37
118480357	2017-08-29	180	< LOD	77,71	25,03	15,26	< LOD	36,67	37,16	7,22	9,93	3,33	16,10	4,93	920048,38	2179,46	100,64	9,36	75,43	7,19	273,21	14,38	284,83	13,97	83,00	7,19	26,58	10,88	< LOD	11,40
118480358	2017-08-29	180	406,81	55,75	< LOD	21,57	< LOD	23,15	9,15	5,93	4,29	2,84	6,90	4,27	874296,81	2846,64	32,43	6,67	21,88	4,88	187,95	10,39	260,97	11,91	96,64	7,01	< LOD	19,79	< LOD	14,19
118480359	2017-08-29	180	< LOD	81,10	36,90	16,49	< LOD	26,40	30,72	7,48	12,27	3,69	18,58	5,38	925592,06	2220,87	135,01	10,97	90,37	8,32	78,20	7,77	82,56	6,81	55,74	6,38	40,76	12,33	< LOD	12,21
118480360	2017-08-29	180	< LOD	88,86	29,93	16,47	< LOD	26,69	11,27	6,77	< LOD	6,58	< LOD	7,09	803032,13	4532,38	25,42	7,18	17,43	5,36	78,09	7,28	81,44	6,36	50,53	5,59	< LOD	12,70	18,52	6,89
118480361	2017-08-29	180	< LOD	64,46	< LOD	28,91	< LOD	20,86	25,87	5,85	8,55	2,79	14,96	4,18	937017,81	1573,28	90,36	7,52	57,89	5,65	67,97	5,75	59,04	4,54	33,66	3,99	13,79	7,63	38,73	8,04
118480362	2017-08-29	180	< LOD	67,05	21,60	13,22	< LOD	21,23	15,27	5,63	5,12	2,66	12,70	4,14	916205,19	1901,51	59,38	6,70	42,44	5,14	77,65	6,04	80,17	5,27	48,22	4,62	17,68	7,83	48,69	7,95
118480363	2017-08-29	180	< LOD	107,26	26,17	12,71	< LOD	20,35	11,51	5,30	< LOD	3,67	< LOD	7,97	911174,38	1919,91	38,22	5,95	26,51	4,46	115,52	7,06	167,82	7,84	75,73	5,49	14,62	7,66	< LOD	7,67
118480364	2017-08-29	180	< LOD	81,00	25,28	15,95	< LOD	25,57	24,47	7,06	7,12	3,30	16,36	5,13	916101,31	2318,38	109,58	9,85	74,91	7,34	280,01	14,98	304,01	14,99	88,81	7,64	34,15	11,73	< LOD	15,45
118480365	2017-08-29	180	< LOD	60,31	< LOD	25,29	< LOD	19,03	15,48	5,10	4,92	2,40	9,07	3,63	891741,31	2258,62	43,15	5,68	32,31	4,36	79,81	5,55	97,73	5,32	33,70	3,54	< LOD	9,22	< LOD	5,46
118480366	2017-08-29	180	< LOD	65,39	26,01	13,25	< LOD	21,19	25,57	5,94	7,07	2,76	13,77	4,20	941909,44	1458,41	93,03	7,73	55,95	5,71	63,00	5,71	59,20	4,64	28,64	3,81	17,05	7,98	17,22	7,25
118480367	2017-08-29	180	134,91	56,24	35,02	15,72	< LOD	38,40	16,33	6,65	4,77	3,10	11,05	4,79	889299,56	2824,27	70,53	8,43	42,54	6,20	110,47	8,48	91,26	6,77	48,25	5,51	< LOD	13,46	< LOD	9,14
118480368	2017-08-29	180	< LOD	78,97	< LOD	22,70	< LOD	24,73	18,77	6,57	5,27	3,05	9,73	4,62	804984,13	4470,23	54,65	7,65	32,54	5,64	68,43	7,08	192,12	10,41	53,98	5,63	13,57	8,83	< LOD	8,97
118480369	2017-08-29	180	< LOD	97,87	24,81	13,56	< LOD	21,68	11,43	5,65	4,13	2,67	10,51	4,16	900283,56	2263,63	41,69	6,36	33,36	4,91	110,65	7,34	178,28	8,61	101,72	6,81	22,96	8,94	< LOD	7,65
118480370	2017-08-29	180	< LOD	68,59	26,53	13,62	< LOD	23,07	21,98	5,97	7,69	2,85	11,67	4,21	886907,50	2656,26	85,74	7,68	49,59	5,59	87,17	6,69	101,89	6,31	47,57	4,83	22,52	8,70	< LOD	8,21
118480371	2017-08-29	180	< LOD	80,58	< LOD	23,60	< LOD	25,71	24,97	7,05	9,32	3,41	15,73	5,08	909913,50	2439,10	107,50	9,67	72,35	7,12	324,15	16,19	289,01	14,18	92,26	7,64	23,07	10,79	< LOD	11,06
118480372	2017-08-29	180	< LOD	68,81	< LOD	19,84	< LOD	21,41	15,26	5,66	4,16	2,63	6,33	3,93	915018,38	1974,42	44,91	6,54	38,84	5,05	210,16	10,30	219,96	9,89	84,54	6,12	< LOD	11,93	< LOD	7,63
118480373	2017-08-29	180	< LOD	72,20	36,89	14,38	< LOD	22,93	20,14	6,21	7,87	3,01	12,56	4,46	932850,13	1785,64	74,93	7,82	53,97	6,04	93,26	7,31	121,20	7,37	65,31	5,91	18,45	9,10	< LOD	8,51
118480374	2017-08-29	180	< LOD	71,70	< LOD	21,29	< LOD	22,90	23,21	6,30	7,68	3,00	15,58	4,58	901834,13	2471,65	96,50	8,49	63,08	6,36	119,14	8,22	123,27	7,49	40,38	4,74	14,64	8,54	< LOD	8,85
118480375	2017-08-29	180	< LOD	86,33	44,09	17,66	< LOD	36,72	31,77	7,99	17,20	4,21	23,17	5,93	882044,94	3588,52	164,10	12,61	98,48	9,08	102,44	9,18	89,03	7,49	30,97	5,20	27,39	11,67	< LOD	13,02
118480376	2017-08-29	180	< LOD	97,81	21,37	13,63	< LOD	25,26	12,94	5,75	6,40	2,81	9,23	4,15	914277,94	1971,32	47,78	6,56	33,95	4,96	120,80	7,58	135,70	7,26	111,73	7,21	18,38	8,81	< LOD	8,98
118480377	2017-08-29	180	< LOD	80,28	29,06	15,97	< LOD	25,86	27,31	7,15	9,11	3,41	16,37	5,12	910214,25	2431,11	99,07	9,29	65,90	7,02	94,13	8,01	111,50	7,65	54,31	5,91	24,56	10,35	< LOD	10,02
118480378	2017-08-29	180	< LOD	77,99	28,51	15,40	< LOD	30,34	19,42	6,67	10,69	3,39	14,40	4,88	918371,50	2251,03	108,46	9,76	77,30	7,37	291,85	15,26	291,29	14,42	87,56	7,51	31,91	11,46	< LOD	13,13
118480379	2017-08-29	180	< LOD	69,68	27,52	13,83	< LOD	26,95	23,65	6,12	8,71	2,95	17,57	4,51	915949,13	2154,31	98,14	8,39	71,35	6,47	160,06	9,39	134,61	7,75	67,60	5,95	26,58	9,70	81,31	11,03

Sample Échantillon	Se ppm	Se Error ppm	Pb ppm	Pb Error ppm	W ppm	W Error ppm	Zn ppm	Zn Error ppm	Cu ppm	Cu Error ppm	Ni ppm	Ni Error ppm	Co ppm	Co Error ppm	Fe ppm	Fe Error ppm	Mn ppm	Mn Error ppm	Cr ppm	Cr Error ppm	V ppm	V Error ppm	Ti ppm	Ti Error ppm	Ca ppm	Ca Error ppm	K ppm	K Error ppm	S ppm	S Error ppm	Au ppm	Au Error ppm
118480304	< LOD	4,67	23,41	8,29	< LOD	109,84	172,37	22,89	113,93	31,21	< LOD	63,07	< LOD	178,22	22386,88	683,03	434,09	103,21	141,88	21,89	73,48	46,69	721,83	83,69	22307,77	689,27	3502,86	485,82	23907,32	6137,26	< LOD	18,45
118480305	< LOD	5,63	14,58	7,32	106,15	66,50	183,89	22,36	93,39	28,31	< LOD	63,80	< LOD	201,27	33427,95	891,68	880,69	122,36	101,31	20,21	< LOD	71,71	896,05	88,13	23703,30	685,30	5491,40	552,05	40874,44	7055,47	< LOD	12,62
118480306	< LOD	4,93	24,71	8,68	< LOD	160,43	195,27	24,40	86,62	30,57	< LOD	62,39	< LOD	232,38	41369,39	1119,53	724,91	121,96	176,46	26,77	153,24	85,96	3440,44	184,87	16325,81	647,83	25275,11	1167,34	< LOD	6623,93	< LOD	17,59
118480307	< LOD	11,11	24,87	9,74	< LOD	139,28	140,61	24,46	114,35	37,25	< LOD	76,06	< LOD	196,04	20078,37	710,18	154,07	94,48	220,01	25,11	82,39	48,64	631,43	84,98	16424,70	593,02	1666,33	409,64	26387,22	6377,77	< LOD	22,05
118480308	< LOD	10,01	88,29	14,42	< LOD	144,12	327,97	34,51	122,05	37,95	< LOD	81,15	< LOD	307,83	65071,68	1773,54	4463,44	282,15	190,36	35,94	305,91	121,56	4630,70	254,47	29342,66	951,69	18290,38	1145,10	< LOD	11516,56	< LOD	24,11
118480309	< LOD	5,66	25,07	9,24	167,12	89,23	143,70	24,00	163,88	38,34	< LOD	87,96	< LOD	185,22	20156,59	685,65	263,83	101,04	205,51	23,90	104,91	52,36	1037,49	97,62	16193,92	581,66	5779,33	575,86	14182,62	5549,45	< LOD	28,35
118480310	< LOD	9,46	30,90	10,70	< LOD	244,27	869,03	59,88	812,79	73,07	249,87	66,25	< LOD	330,16	70227,20	1969,61	346,22	118,86	174,84	33,86	< LOD	116,90	923,99	133,20	18914,69	698,83	5099,79	686,99	51759,73	9579,32	< LOD	32,12
118480311	< LOD	5,20	26,63	8,88	< LOD	272,36	1562,70	76,72	77,07	32,03	167,63	53,85	< LOD	288,40	64943,96	1652,75	592,76	117,05	55,28	25,62	< LOD	148,22	870,51	104,50	13924,68	529,56	3840,79	567,56	66749,59	9742,01	< LOD	15,30
118480312	< LOD	5,01	36,75	9,78	< LOD	165,97	165,63	23,40	76,13	31,05	< LOD	77,12	< LOD	280,03	62454,48	1583,97	1169,16	144,79	175,69	31,24	225,23	97,88	3246,47	196,34	13008,58	622,60	21950,79	1186,81	< LOD	6477,37	< LOD	16,31
118480313	< LOD	4,96	22,19	8,63	< LOD	187,12	144,57	23,14	86,56	32,45	< LOD	67,67	< LOD	186,13	21679,33	740,56	494,98	114,14	180,89	22,50	100,01	52,10	1072,06	99,63	10720,77	445,15	4326,34	505,12	< LOD	5819,14	< LOD	18,78
118480314	< LOD	7,63	26,88	10,51	< LOD	215,72	139,94	25,69	122,15	40,79	< LOD	87,24	< LOD	319,48	64020,18	1849,76	1915,31	199,95	198,45	34,44	180,37	93,11	3058,57	192,73	20328,46	790,50	17136,92	1127,43	11070,65	6046,95	< LOD	35,02
118480315	< LOD	3,94	< LOD	9,15	< LOD	91,78	< LOD	15,85	< LOD	53,35	< LOD	54,92	< LOD	63,13	1864,47	139,83	< LOD	159,55	84,19	12,35	< LOD	46,24	< LOD	48,40	1070,08	97,35	< LOD	251,14	< LOD	4316,38	< LOD	12,21
118480316	< LOD	4,73	28,84	8,94	< LOD	133,87	125,33	20,39	72,20	29,59	< LOD	64,55	< LOD	299,74	52284,20	1343,82	726,49	120,74	155,17	26,53	130,86	83,64	3363,62	179,86	14619,55	633,32	27454,22	1229,44	9972,85	4981,11	< LOD	24,46
118480317	< LOD	7,76	23,54	8,86	< LOD	119,19	176,76	24,20	92,47	32,21	< LOD	95,03	< LOD	180,18	20931,88	693,91	857,29	134,37	136,32	21,27	88,93	48,43	595,36	83,47	10857,21	436,55	2526,81	438,39	13994,50	5107,19	< LOD	22,49
118480318	< LOD	5,88	17,84	8,91	< LOD	202,09	286,32	32,52	170,56	40,20	< LOD	85,32	< LOD	404,63	145578,44	3466,66	270,59	111,50	85,72	39,49	< LOD	249,16	2157,03	193,89	7730,38	578,06	17395,77	1229,34	11635,95	7043,61	< LOD	17,48
118480319	< LOD	7,10	29,84	9,73	130,66	85,62	129,19	22,99	117,28	35,81	< LOD	81,64	< LOD	232,58	33970,04	1026,59	438,36	114,51	152,74	24,32	< LOD	89,04	1218,59	112,83	19052,96	659,06	6716,73	654,82	23052,68	6336,26	< LOD	22,19
118480320	< LOD	4,78	34,34	9,62	< LOD	179,49	170,74	23,81	115,41	33,22	< LOD	68,60	< LOD	287,84	66514,00	1668,00	1190,64	145,26	144,72	29,78	239,87	91,00	3091,56	183,24	10991,48	556,17	19416,99	1095,65	< LOD	11162,93	< LOD	14,83
118480321	< LOD	4,36	25,66	8,67	< LOD	137,57	92,01	18,91	56,78	29,65	< LOD	64,75	< LOD	206,09	21390,05	697,18	153,63	85,95	131,94	20,22	91,90	45,37	777,17	81,73	10671,29	426,00	4258,27	490,34	23685,66	5621,35	< LOD	17,94
118480322	< LOD	6,90	50,17	12,75	< LOD	255,24	170,00	28,41	142,01	43,41	< LOD	132,31	< LOD	336,09	46780,63	1451,19	862,32	154,64	259,54	34,49	235,25	94,76	2600,77	186,77	15768,72	675,14	13657,43	997,82	< LOD	8191,00	< LOD	24,03
118480323	< LOD	11,64	26,09	10,90	< LOD	239,97	96,73	24,41	190,01	47,96	< LOD	131,60	< LOD	171,99	12475,45	557,43	284,87	116,42	205,57	25,37	91,47	50,09	725,91	89,79	13440,40	566,03	3040,30	512,08	14081,84	5488,38	< LOD	24,72
118480324	< LOD	7,95	24,28	10,19	< LOD	218,04	368,95	38,37	178,63	44,10	125,11	62,68	< LOD	485,32	70458,66	2036,24	828,66	147,47	123,55	31,48	102,49	64,64	680,77	105,48	36335,32	1097,65	2717,71	595,86	84031,51	10751,79	< LOD	23,25
118480325	< LOD	9,36	28,05	9,88	161,57	93,49	185,63	27,07	113,19	37,06	< LOD	88,92	< LOD	207,37	24261,79	812,01	682,17	133,37	161,35	24,30	< LOD	106,38	490,46	77,24	21345,39	718,47	920,26	403,14	33198,97	6950,21	< LOD	27,25
118480326	< LOD	11,60	38,13	11,58	< LOD	152,27	313,21	35,87	257,48	48,80	< LOD	135,83	< LOD	277,27	41977,34	1314,39	1151,58	168,24	238,46	31,89	189,29	84,92	2444,85	170,57	12068,20	566,58	11833,22	907,38	11881,21	5672,74	< LOD	21,29
118480327	< LOD	6,99	39,10	11,72	< LOD	162,43	228,18	31,84	144,42	43,32	< LOD	97,76	< LOD	263,38	34285,77	1131,97	1047,84	165,93	260,79	30,72	218,28	76,09	1907,58	146,23	11219,35	522,21	10266,36	812,52	12405,69	5610,37	< LOD	24,52
118480328	< LOD	9,11	34,57	10,71	< LOD	224,74	270,91	32,25	356,87	51,01	128,49	59,54	< LOD	436,41	53915,63	1543,70	622,59	131,44	265,60	33,71	199,66	82,62	1610,43	149,48	10937,43	517,91	8777,35	802,20	11527,21	5981,80	< LOD	32,28
118480329	< LOD	6,27	38,42	11,22	< LOD	194,03	164,21	26,40	75,98	36,73	< LOD	92,57	< LOD	384,72	42709,84	1299,94	830,45	145,56	259,53	31,83	188,34	84,09	2609,09	171,28	15010,67	630,21	13696,66	948,81	< LOD	7367,07	< LOD	22,60
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118480331	< LOD	6,20	< LOD	13,70	< LOD	176,75	959,68	67,91	94,41	40,60	131,30	64,59	< LOD	500,09	240809,19	5834,92	228,00	122,54	95,87	49,96	< LOD	160,45	275,67	151,73	6132,59	448,44	1988,07	639,87	41485,17	11151,19	< LOD	23,06
118480332	< LOD	6,56	23,93	8,82	< LOD	122,02	126,59	21,07	53,50	29,71	< LOD	111,99	< LOD	328,97	98609,77	2291,98	7644,13	332,77	75,85	33,59	< LOD	143,12	1656,31	169,56	14330,40	619,52	11715,45	972,54	< LOD	11139,55	< LOD	20,54
118480333	< LOD	7,32	31,76	9,86	< LOD	125,36	264,90	29,52	150,99	36,58	< LOD	71,69	< LOD	257,83	46022,09	1270,23	851,62	135,07	181,12	28,10	213,19	84,38	2888,73	173,18	13274,54	590,52	19446,75	1069,70	< LOD	6576,96	< LOD	17,18
118480334	< LOD	5,72	20,10	8,83	188,87	88,66	89,72	20,90	84,01	34,23	< LOD	82,82	< LOD	217,24	29055,64	908,53	508,61	118,70	186,50	25,26	109,90	58,43	1064,20	106,71	10778,44	467,17	6967,95	652,35	10256,78	4738,37	< LOD	25,37
118480335	< LOD	5,16	28,94	8,49	< LOD	98,83	143,68	20,39	257,63	36,92	< LOD	95,07	< LOD	225,77	44533,20	1121,76	630,99	111,67	122,49	23,54	146,78	68,51	2277,10	139,37	13395,90	525,53	13155,37	838,32	< LOD	8639,25	< LOD	24,49
118480336	< LOD	7,57	46,85	12,90	< LOD	169,40	217,80	32,52	158,92	46,48	< LOD	104,87	< LOD	349,85	49855,43	1580,27	897,71	161,24	332,09	37,50	307,27	97,12	3011,00	196,01	17324,04	726,51	14931,93	1048,98	< LOD	8482,26	< LOD	25,89
118480337	< LOD	11,06	30,58	11,01	183,14	104,53	105,67	24,70	158,57	44,20	< LOD	109,72	< LOD	196,60	18816,64	725,17	498,62	132,46	249,06	27,75	105,45	55,46	941,24	101,48	14602,91	594,17	5003,19	602,63	13222,91	5525,20	< LOD	33,11
118480338	< LOD	8,63	25,95	9,07	146,91	77,44	93,17	19,74	97,93	32,85	< LOD	95,82	< LOD	200,71	28475,31	854,67	508,46	113,39	165,87	23,55	145,90	64,94	2045,69	132,58	17688,88	638,80	15519,20	903,04	10741,56	4832,78	< LOD	15,33
118480339	< LOD	9,03	26,50	9,75	< LOD	205,59	327,67	33,74	341,91	48,04	< LOD	79,87	< LOD	320,89	43219,01	1247,03	649,27	128,77	244,73	29,89	191,14	66,35	1174,33	116,37	14996,92	567,33	5696,21	634,02	< LOD	11485,99	< LOD	22,48
118480340	< LOD	5,47	33,76	10,08	147,54	88,88	254,23	29,48	101,98	34,52	< LOD	97,59	< LOD	232,49	35584,68	1054,53	480,07	114,79	185,86	26,69	148,56	70,46	1939,59	139,36	14332,99	587,65	13338,16	896,08	11905,89	5784,53	< LOD	24,07
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118480344	< LOD	5,83	16,65	7,98	< LOD	111,25	166,64	23,25	143,38	34,35	< LOD	112,90	< LOD	328,32	99223,73	2287,12	1150,04	139,79	79,12	32,87	< LOD	172,98	603,79	122,71	9386,80	452,26	2758,35	568,88	14058,40	6415,90	< LOD	28,67
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118480350	< LOD	4,31	< LOD	10,14	< LOD	108,09	< LOD	20,67	< LOD	58,48	< LOD	64,01	< LOD	68,28	2256,73	168,68	133,02	80,26	111,16	14,55	41,62	21,99	< LOD	46,23	1109,68	106,61	< LOD	269,58	< LOD	3548,63	< LOD	19,42
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118480354	< LOD	6,96	16,59	8,54	< LOD	140,14	364,89	35,37	214,02	41,54	< LOD	115,94	< LOD	252,23	35965,55	1082,86	802,84	137,51	157,58	25,35	103,55	52,67	735,25	90,96	20757,07	695,05	3463,78	529,11	38952,78	7815,16	< LOD	25,62
118480355	< LOD	7,51	< LOD	17,18	< LOD	143,32	158,21	24,62	146,48	37,46	< LOD	75,33	< LOD	571,15	103722,38	2431,72	58957,60	1472,00	< LOD	65,17	< LOD	165,61	1562,70	188,07	13946,74	656,00	11696,01	1055,41	< LOD	8763,74	< LOD	24,50
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118480357	< LOD	6,48	44,99	12,04	199,47	102,76	134,69	26,12	88,53	39,26	< LOD	135,05	< LOD	282,68	45058,51	1383,74	755,40	145,77	265,53	33,40	220,94	92,70	2937,07	189,72	15090,72	645,29	14223,79	984,53	< LOD	10285,47	< LOD	31,30
118480358	< LOD	5,09	28,60	9,26	< LOD	179,86	102,41	20,23	60,86	30,78	< LOD	68,43	< LOD	310,06	80669,63	1967,28	10587,12	420,76	119,86	34,56	< LOD	146,94	2112,17	181,33	14862,21	651,13	15994,48	1091,37	< LOD	11134,43	< LOD	19,56
118480359	< LOD	9,45	36,87	12,70	239,86	119,84	142,07	29,45	191,74	50,66	105,38	68,50	< LOD	289,64	39814,48	1358,02	986,01	172,73	314,53	36,57	175,94	84,54	1514,96	154,24	15061,16	656,77	8444,97	829,11	< LOD	8306,75	< LOD	36,35
118480360	< LOD	6,02	< LOD	18,06	< LOD	145,32	564,68	47,00	121,98	39,10	< LOD	113,26	< LOD	441,30	176540,05	4184,82	2575,79	198,86	119,18	46,24	< LOD	162,10	1414,00	180,23	6489,84	511,37	8598,65	981,41	< LOD	15832,99	< LOD	21,25
118480361	< LOD	5,91	24,24	8,67	< LOD	118,65	153,22	22,93	190,12	36,82	< LOD	65,40	< LOD	190,63	22722,96	712,37	911,92	135,18	154,66	22,60	75,99	49,56	1037,82	94,43	15577,28	551,69	4167,68	521,74	17314,12	5480,75	< LOD	20,70
118480362	< LOD	4,74	13,97	7,60	< LOD	120,08	223,16	25,38	140,63	32,85	< LOD	101,59	< LOD	264,91	58362,70	1440,81	568,30	111,75	143,40	27,76	108,03	69,94	1088,61	123,07	10721,98	466,89	6877,99	682,69	< LOD	7318,63	< LOD	24,70
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118480365	< LOD	3,88	12,64	6,64	< LOD	95,01	309,27	26,51	83,00	25,94	< LOD	81,12	< LOD	252,98	29145,93	771,06	536,18	99,68	81,22	17,26	< LOD	65,05	785,60	79,45	27347,27	726,20	5113,38	494,60	44459,27	6655,79	< LOD	19,71
118480366	< LOD	8,21	29,22	9,31	126,12	78,73	129,90	22,11	190,71	37,73	< LOD	68,30	< LOD	225,27	17976,34	609,00	332,06	101,75	149,02	20,70	< LOD	68,51	835,29	85,74	15110,35	531,97	3300,58	459,58	19443,64	5653,40	< LOD	16,05
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118480371	< LOD	6,65	38,94	11,63	< LOD	218,48	177,53	28,32	96,47	40,15	< LOD	88,99	< LOD	285,19	46052,70	1417,82	807,42	149,56	268,13	34,64	234,09	94,35	2636,78	186,41	16652,99	692,60	14576,68	1016,06	< LOD	8407,63	26,75	16,50
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118480374	< LOD	10,72	24,70	9,63	< LOD	133,59	147,05	24,62	163,34	39,53	< LOD	98,15	< LOD	265,41	46358,03	1341,95	716,84	133,83	186,52	28,87	139,82	73,62	2217,28	149,46	23236,57	762,59	6358,91	671,03	17986,11	6606,53	< LOD	26,75
118480375	< LOD	12,86	38,79	13,35	305,99	134,69	310,10	42,46	889,80	89,98	202,76	79,17	< LOD	282,55	24359,84	989,67	816,06	172,44	279,68	35,09	< LOD	109,09	827,30	126,86	42124,04	1456,76	4533,10	702,22	42538,43	9063,15	< LOD	27,85
118480376	< LOD	5,17	19,98	8,34	< LOD	120,20	350,84	31,85	108,70	32,09	< LOD	95,31	< LOD	248,00	48659,26	1260,92	806,81	126,76	190,51	28,38	178,14	79,85	2613,00	161,80	9391,25	499,13	17186,18	1001,93	< LOD	6678,91	< LOD	17,09
118480377	< LOD	8,94	32,71	11,23	253,40	108,83	141,67	27,40	133,43	42,92	< LOD	91,19	< LOD	315,26	57160,65	1699,61	775,17	148,49	168,61	32,46	< LOD	118,44	1169,37	139,22	11510,03	548,91	7953,65	809,02	9781,14	5777,92	< LOD	32,31
118480378	< LOD	9,32	41,83	12,15	< LOD	235,02	164,58	27,83	94,52	40,31	< LOD	90,66	< LOD	290,98	46577,39	1444,03	940,33	158,47	294,04	35,20	209,66	93,04	2752,37	187,65	16236,49	679,88	13355,89	979,41	< LOD	11257,28	< LOD	28,48
118480379	< LOD	5,88	30,23	9,98	< LOD	217,25	181,88	26,22	285,91	45,01	< LOD	79,37	< LOD	329,39	30316,65	947,97	612,60	127,11	220,14	26,63	150,54	67,60	1838,71	133,54	26541,44	840,66	10347,67	764,03	12746,20	5062,00	< LOD	33,40

Sample Échantillon	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	Ba ppm	Ba Error ppm	Sb ppm	Sb Error ppm	Sn ppm	Sn Error ppm	Cd ppm	Cd Error ppm	Pd ppm	Pd Error ppm	Ag ppm	Ag Error ppm	Bal ppm	Bal Error ppm	Mo ppm	Mo Error ppm	Nb ppm	Nb Error ppm	Zr ppm	Zr Error ppm	Sr ppm	Sr Error ppm	Rb ppm	Rb Error ppm	Bi ppm	Bi Error ppm	As ppm	As Error ppm
118480380	2017-08-29	180	< LOD	65,05	< LOD	19,24	< LOD	20,57	19,47	5,62	5,94	2,64	14,54	4,12	938168,31	1511,97	63,76	6,85	46,86	5,29	102,25	6,88	104,63	6,16	54,20	4,92	21,07	8,33	< LOD	9,43
118480381	2017-08-29	180	< LOD	68,30	< LOD	19,78	< LOD	21,21	15,83	5,66	4,38	2,63	9,42	4,03	907337,63	2148,43	45,30	6,65	38,91	5,16	168,58	9,20	172,28	8,57	77,82	5,99	14,60	8,30	< LOD	7,97
118480382	2017-08-29	180	< LOD	60,20	18,00	11,69	< LOD	18,74	13,30	4,97	4,09	2,33	10,17	3,61	931951,00	1488,88	41,91	5,69	30,80	4,32	126,97	7,02	192,14	8,11	68,64	4,94	< LOD	10,10	< LOD	6,20
118480383	2017-08-29	180	< LOD	69,64	20,61	13,47	< LOD	21,76	12,63	5,68	5,20	2,72	9,81	4,13	905503,63	2197,78	39,79	6,38	36,36	5,02	135,72	8,18	210,05	9,67	76,86	5,87	< LOD	13,05	< LOD	7,73
118480384	2017-08-29	180	< LOD	74,77	34,10	14,67	< LOD	26,28	16,81	6,20	7,77	3,04	14,84	4,61	876846,06	2863,09	65,61	7,49	41,17	5,56	98,31	7,31	95,67	6,32	48,31	5,01	18,99	8,62	< LOD	7,94
118480385	2017-08-29	180	< LOD	61,99	< LOD	28,34	< LOD	20,14	16,12	5,43	3,86	2,50	11,00	3,93	995830,13	111,62	50,11	6,32	24,81	4,60	13,61	3,61	3,64	1,83	3,66	2,04	< LOD	7,32	< LOD	5,51
118480386	2017-08-29	180	< LOD	69,59	28,22	14,04	< LOD	28,30	32,27	6,47	10,14	3,07	18,64	4,62	886497,63	2831,86	119,25	9,03	73,52	6,68	47,75	5,58	55,77	4,82	17,45	3,41	13,98	8,09	< LOD	7,99
118480387	2017-08-30	180	< LOD	61,65	< LOD	18,13	< LOD	19,52	17,52	5,27	5,51	2,48	11,82	3,81	944442,13	1279,47	66,4	6,4	42,04	4,78	92,25	6,15	117,66	6,14	54,83	4,59	14,3	7,34	< LOD	6,97
118480388	2017-08-30	180	< LOD	81,13	< LOD	23,72	< LOD	25,77	24,02	7,04	8,96	3,4	14,49	5,04	915483,56	2305,39	88,55	9	62,25	6,8	208,32	12,1	204,07	11,11	101,81	8,08	36,45	11,82	< LOD	11,63
118480389	2017-08-30	180	< LOD	70,18	< LOD	20,37	< LOD	26,16	23,88	6,05	7,52	2,86	10,43	4,18	876592	2827,72	69,69	7,34	47,09	5,48	172,53	9,6	234,5	10,73	164,52	9,37	62	12,25	< LOD	16,81
118480390	2017-08-30	180	453,83	62,53	< LOD	23,83	< LOD	25,8	17,22	6,81	5,08	3,17	11,49	4,9	833895,75	3927,39	67,77	8,25	43,24	6,15	86,09	7,56	100,27	7,09	41,73	5,09	< LOD	10,65	< LOD	10
118480391	2017-08-30	180	< LOD	62,46	21,32	12,17	< LOD	31,68	14,01	5,18	5,95	2,5	11,73	3,81	922181	1716,45	47,12	6,05	37,98	4,71	106,57	6,65	134,46	6,73	59,85	4,82	13,88	7,33	< LOD	6,51
118480392	2017-08-30	180	< LOD	79,86	24,19	15,63	< LOD	31,35	21,36	6,84	10,36	3,42	15,07	4,99	923392,88	2088,71	87,3	8,98	66,01	6,84	314,15	15,67	280,56	13,74	88,54	7,39	25,49	10,77	< LOD	11,09
118480393	2017-08-30	180	< LOD	62,51	31,29	12,74	< LOD	20,21	26,16	5,7	9,65	2,77	20,94	4,27	942311,56	1460,23	97,52	7,55	59,21	5,6	51,69	5,12	49,75	4,1	23,38	3,41	13,09	7,36	< LOD	7,24
118480394	2017-08-30	180	< LOD	79,3	< LOD	23,91	< LOD	25,91	28,94	7,26	10,56	3,52	16,4	5,17	933290	2035,74	109,14	9,81	72,53	7,45	68,7	7,19	84,34	6,7	35,16	5,03	24,34	10,3	< LOD	9,75
118480395	2017-08-30	180	88,37	54,32	< LOD	30,1	< LOD	24,03	< LOD	9,25	< LOD	5,64	< LOD	6,56	837381,81	3632,59	30,09	6,8	19,86	5,05	96,1	7,56	134,72	7,99	55,26	5,45	< LOD	12,12	15,73	6,77
118480396	2017-08-30	180	< LOD	75,6	34,36	14,9	< LOD	25,05	22,22	6,5	10,39	3,25	19,77	4,91	922367,38	2044,32	69,24	7,94	55,32	6,25	130,94	8,88	157,07	8,9	91,8	7,27	44,34	11,49	< LOD	10,03
118480397	2017-08-30	180	< LOD	75,67	< LOD	35,93	< LOD	24,4	30,17	6,9	8,54	3,21	15,1	4,82	862589,06	3456,43	108,79	9,25	59,93	6,61	50,43	6,05	67,95	5,63	31,17	4,48	18,35	9,09	< LOD	9,07
118480398	2017-08-30	180	< LOD	72,37	< LOD	32,75	< LOD	32,24	13,99	5,88	9	2,99	9,79	4,24	885152,13	2684,83	52,15	6,93	35,58	5,19	142,86	8,71	208,3	9,96	89,02	6,6	14,65	8,7	< LOD	8,22
118480399	2017-08-30	180	< LOD	82,28	28,1	16,17	< LOD	27,56	21,52	7,04	6,86	3,32	16,98	5,21	910667,63	2481,74	105	9,85	74,09	7,38	314,08	16,31	304,13	15,13	93,18	7,91	36,22	12,15	< LOD	12,69
118480400	2017-08-30	180	< LOD	69,88	31,93	13,61	< LOD	23,37	12,46	5,67	5,35	2,73	9,7	4,12	910616,94	2096,81	48,69	6,64	42,02	5,23	129,7	7,96	159,44	8,11	101,04	6,87	16,95	8,77	< LOD	8,11
118480401	2017-08-30	180	< LOD	77,23	32,13	15,57	< LOD	34,22	27,98	7	9,54	3,35	14,99	4,94	938114,75	1827,92	112,33	9,51	77,75	7,32	80,09	7,4	111,73	7,56	51,91	5,72	19,93	9,95	< LOD	9,75
118480402	2017-08-30	180	< LOD	66,06	32,2	13,22	< LOD	28,27	22,06	5,78	5,92	2,68	12,74	4,12	892264,81	2498,63	70,38	7,13	43,3	5,3	69,05	5,94	83,26	5,52	32,48	3,98	14,54	7,7	< LOD	7,58
118480403	2017-08-30	180	149,59	63,68	< LOD	40,66	< LOD	29,87	11,72	7,22	< LOD	5,05	11,45	5,32	803100,06	4831,59	50,65	8,47	30,56	6,2	122,28	9,58	105,98	7,89	91,14	8,1	< LOD	20,09	17,26	8,1
118480404	2017-08-30	180	< LOD	63,89	23,15	12,49	< LOD	19,95	18,55	5,41	5,96	2,56	12,33	3,91	917877,94	1803,95	60,75	6,33	31,72	4,57	54,44	5,04	81,09	5,02	52,61	4,54	14,07	7,23	< LOD	8,16
118480405	2017-08-30	180	< LOD	69,9	22,62	13,71	< LOD	22,21	25,29	6,11	5,1	2,75	11,25	4,23	917502,44	1931,23	61,26	6,9	41,14	5,19	108,99	7,28	140,33	7,46	91,25	6,5	23,89	9,08	< LOD	8,1
118480406	2017-08-30	180	< LOD	77,41	29,66	15,28	< LOD	24,68	20,5	6,64	8,48	3,24	13,8	4,81	912645,63	2361,42	105,08	9,5	67,98	6,93	297,73	15,19	286,37	14,01	84,75	7,24	23,77	10,65	< LOD	12,05
118480407	2017-08-30	180	< LOD	67,37	24,83	13,36	< LOD	21,57	23,43	5,92	7,58	2,81	15,59	4,3	908683,31	2215,46	68,61	7,29	44,06	5,43	119,89	7,74	110,8	6,63	50,33	4,95	20,3	8,62	< LOD	8,39
118480408	2017-08-30	180	< LOD	75,03	< LOD	21,67	< LOD	23,67	17,85	6,28	8,07	3,09	17,5	4,77	916541,88	2232,31	79,43	8,41	58,39	6,37	262,67	13,43	241,24	11,95	97,86	7,55	21,15	10,2	< LOD	10,34
118480409	2017-08-30	180	< LOD	68,44	20,44	13,44	< LOD	21,72	14,34	5,68	6,75	2,76	6,32	3,96	905007,31	2093,32	60,03	6,75	36,76	5,04	38,5	4,67	27,94	3,21	13,65	2,82	14,02	7,12	< LOD	6,94
118480410	2017-08-30	180	244,3	53,13	< LOD	22,21	< LOD	23,12	< LOD	8,73	< LOD	5,35	< LOD	8,57	886156,88	2559,74	26,77	6,35	20,92	4,74	161,41	9,23	199,15	9,63	94,21	6,75	< LOD	18,91	17,06	6,78
118480411	2017-08-30	180	< LOD	76,6	22,56	14,71	< LOD	23,61	< LOD	9,01	< LOD	4,29	6,97	4,35	828046,63	3815,73	29,89	6,74	23,99	5,19	50	5,7	53,58	4,76	30,33	4,16	< LOD	11,49	< LOD	11,14
118480412	2017-08-30	180	< LOD	87,56	43,21	17,59	< LOD	43,87	28,73	7,81	10,1	3,76	23,05	5,87	871669,88	3539,84	130,58	11,01	79,18	8,04	67,37	7,35	57,64	5,72	40,65	5,57	28,14	11,29	60,06	12,49
118480413	2017-08-30	180	< LOD	73,67	< LOD	34,76	< LOD	23,39	19,89	6,31	7,83	3,06	14,44	4,61	926256,63	1943,67	81,37	8,37	60,79	6,36	280,56	13,87	261,62	12,49	80,74	6,72	26,98	10,26	< LOD	10,67
118480414	2017-08-30	180	< LOD	67,72	< LOD	19,48	< LOD	21,04	15,34	5,58	7,11	2,73	13,21	4,13	917383,38	1909,73	49,42	6,51	38,96	5,02	132,86	7,91	174,82	8,42	85,43	6,13	16,42	8,36	< LOD	9
118480415	2017-08-30	180	< LOD	65,07	27,2	12,91	< LOD	35,64	20,33	5,62	6,5	2,66	13,81	4,08	924693,38	1783,57	75,85	7,05	45,68	5,18	113,1	7,18	132,39	7	35,55	4,02	16,16	7,68	< LOD	7,69
118480416	2017-08-30	180	234,06	45,85	< LOD	22,27	< LOD	19,8	< LOD	7,63	< LOD	4,45	< LOD	5,4	899200,56	2216,7	40,01	6,08	19,27	4,26	206,74	9,76	270,22	10,86	86,24	5,88	11,45	7,55	8,61	5,65
118480417	2017-08-30	180	< LOD	65,99	27,36	13,13	< LOD	23,99	25,12	5,85	8,93	2,82	16,79	4,26	859481,69	3081,64	72,81	7,13	47,08	5,36	70,31	5,88	70,59	5	26,83	3,62	< LOD	10,48	< LOD	7,13
118480418	2017-08-30	180	< LOD	60,67	21,41	12,24	< LOD	19,54	18,47	5,33	6,96	2,57	15,04	3,95	941098,19	1422,52	82,63	6,89	51,13	5,16	31,92	4,22	26,95	3,01	14,66	2,76	11,17	6,72	< LOD	6,51
118480419	2017-08-30	180	< LOD	68,09	26,94	13,54	< LOD	21,6	26,54	6,05	7,29	2,81	13,66	4,25	919977,06	1876,12	72,49	7,18	42,64	5,29	58,34	5,56	71,25	5,07	36,01	4,14	< LOD	11,01	< LOD	7,23
118480420	2017-08-30	180	< LOD	61,95	27,37	12,63	< LOD	20,11	17	5,45	7,46	2,67	12,35	3,97	995819,25	111,82	53,26	6,33	32,77	4,77	14,53	3,61	4,2	1,85	3,43	2,02	< LOD	12,04	< LOD	5,76
118480421	2017-08-30	180	< LOD	83,89	< LOD	23,71	< LOD	25,5	12,97	6,64	< LOD	6,5	11,3	4,87	838939,38	3812,75	32,72	7,32	29,2	5,7	84,1	7,49	93	6,8	67,6	6,42	< LOD	13,06	< LOD	12,65
118480422	2017-08-30	180	< LOD	67,67	28,63	13,37	< LOD	21,35	17,79	5,73	6,97	2,76	8,67	4,02	930882,56	1686,37	63,3	6,99	45,01	5,34	113,84	7,42	121,65	6,87	66,47	5,56	32,28	9,32	< LOD	10,21
118480423	2017-08-30	180	< LOD	60,04	< LOD	18,36	< LOD	19,76	27,02	5,58	7,7	2,62	18,1	4,07	974008,5	677,43	116,85	7,63	72,92	5,69	50,12	4,79	41,01	3,58	16,96	2,9	< LOD	14,08	< LOD	6,65
118480424	2017-08-30	180	314,45	54,43	< LOD	26,54	< LOD	23,39	< LOD	8,77	< LOD	4,58	< LOD	6,35	879757,06	2683,44	25,26	6,35	19,77	4,7	182,96	9,93	221,24	10,36	93,99	6,74	< LOD	12,13	315,25	19,26
118480425	2017-08-30	180	< LOD	75,16	< LOD	30,18	< LOD	23,65	18,14	6,34	5,73	2,98	7,75	4,4	846680,75	3457,9	53,35	7,14	30,25	5,25	49,34	5,5	47,37	4,37	24,47	3,73	< LOD	11,15	< LOD	7,61
118480426	2017-08-30	180	< LOD	63,82	20,7	12,41	< LOD	19,83	14,09	5,28	< LOD	3,64	14,19	3,97	913079,94	1975,85	46,27	6,24	31,03	4,68	103,8	6,73	111,25	6,19	64,4	5,17	13,34	7,58	< LOD	7,43
118480427	2017-08-30	180	< LOD	78,54	29,86	15,51	< LOD	28,26	22,07	6,78	11,12	3,42	17,4	5,02	919229,81	2195,16	97,85	9,23	69,9	6,99	250,79	13,6	288,98	14,09	80	7,03	23,17	10,61	< LOD	11,69
118480428	2017-08-30	180	88,13	54,05	< LOD	22,42	< LOD	24,14	18,34	6,44	< LOD	4,38	10,25	4,56	870052,94	2977,05	52,46	7,28	29,34	5,31	77,05	6,75	98,1	6,54	49,46	5,16	15,89	8,51	< LOD	9,47
118480429	2017-08-30	180	< LOD	66,36	25,97	13,21	< LOD	21,12	26,2	5,93	7,48	2,77	8,88	3,99	896711,19	2368,61	60,96	6,82	39,98	5,17	47,69	5,13	60,91	4,63	24,18	3,49	< LOD	11,62	< LOD	6,99
118480430	2017-08-30	180	< LOD	73,43	21,91	14,12	< LOD	22,79	12,89	5,94	< LOD	4,13	8,24	4,24	890844,81	2549,33	53,08	7,06	38,79	5,36	139,97	8,64	162,44	8,56	75,49	6,13	15,71	8,76	< LOD	9,55
118480431	2017-08-30	180	< LOD	76,98	< LOD	22,68	< LOD	35,55	26,45	6,85	10,74	3,37	20,57	5,11	894069,44	2770,58	103,93	9,03	70,56	6,82	149,25	9,78	227,43	11,56	84	7,01	15,86	9,76	< LOD	10,25
118480432	2017-08-30	180	166,27	56,46	< LOD	35,7	< LOD	24,87	< LOD	12,99	< LOD	6,22	7,41	4,56	830988,63	3823,24	31,53	7,07	24,52	5,32	136,81	9,15	140,33	8,39	78,78	6,69	< LOD	12,95	237,49	17,89
118480433	2017-08-30	180	< LOD	65	29,3	13,01	< LOD	20,63	20,91	5,67	5,19	2,61	11,08	4	936137,69	1605,75	80,09	7,27	51,94	5,46	97,6	6,8	112,07	6,45	51,15	4,81	16,24	8,06	< LOD	9,64
118480434	2017-08-30	180	< LOD	76,17	35,32	15,07	< LOD	27,86	21,69	6,55	8,43	3,18	14,82	4,76	915983,88	2250,19	90,44	8,83	63,41	6,62	267,54	13,84	288,78	13,76	82,14	6,96	18,22	10,01	< LOD	10,93
118480435	2017-08-30	180	783,69	64,28	< LOD	20,68	< LOD	24,08	< LOD	7,74	< LOD	5,46	< LOD	5,15	820938,81	3857,69	16,67	6,34	15,52	4,79	115,27	8,04	145,81	8,2	90,93	6,9	< LOD	18,33	< LOD	9,48
118480436	2017-08-30	180	< LOD	57,82	28,77	11,62	< LOD	18,37	16,83	4,97	6,41	2,39	13,67	3,67	921791,56	1662,77	65,17	6,05	37,55	4,46	45,68	4,36	39,06	3,28	17,69	2,72	< LOD	13,59	< LOD	5,72
118480437	2017-08-30	180	< LOD	64,42	21,6	12,51	< LOD	20,1	15,61	5,34	5,33	2,53	9,54	3,81	905944	2002,4	47,6	6,06	29,19	4,48	96,15	6,31	110,8	5,98	54,15	4,59	13,41	7,18	< LOD	6,92
118480438	2017-08-30	180	< LOD	68,73	35,86	13,89	< LOD	22,11	27,23	6,21	6,59	2,84	15,9	4,44	912147,31	2254,57	97,28	8,29	60,42	6,14	87,81	6,89	77,05	5,6	38,56	4,55	14,1	8,35	< LOD	9,14
118480439	2017-08-30	180	< LOD	67,03	30,35	13,19	< LOD	22,43	21,88	5,76	6,11	2,68	12,02	4,08	910245,5	2024,93	65,17	6,91	41,72	5,18	71,72	5,9	73,42	5,08	44,59	4,49	16,15	7,76	< LOD	10,15
118480440	2017-08-30	180	< LOD	57,41	39,47	11,84	< LOD	18,65	21,13	5,14	7,9	2,49	13,77	3,72	969111,38	744,82	89,56	6,7	55,02	5	39,72	4,23	25,42	2,8	13,85	2,58	< LOD	9,36	< LOD	5,96
118480441	2017-08-30	180	< LOD	75,92	28,99	15,02	< LOD	25,82	23,53	6,63	8,74	3,21	13,71	4,73	915697,63	2262	92,8	8,87	70,94	6,86	242	13,01	291,84	13,87	77,5	6,77	23,23	10,35	< LOD	11,66
118480442	2017-08-30	180	< LOD	69,73	23,49	13,52	< LOD	21,66	17,99	5,83	5,04	2,71	8,33	4,07	917285	1958,53	54,58	6,75	37,96	5,11	116,83	7,53	143,56	7,57	99,75	6,83	34,59	9,84	< LOD	8,53
118480443	2017-08-30	180	< LOD	78,57	31,13	16,01	< LOD	25,63	24,27	7,11	13,88	3,71	17,25	5,22	949663	1635,39	132,73	10,71	79,48	7,82	66,72	7,2	77,53	6,51	28,4	4,7	28,39	10,82	< LOD	13,88
118480444	2017-08-30	180	< LOD	73,85	22,26	14,6	< LOD	27,82	21,16	6,41	7,81	3,09	17,32	4,78	891130,88	2750,52	85,11	8,23	55,8	6,19	99,34	7,61	113,84	7,2	48,47	5,2	16,46	8,93	< LOD	9,53
118480445	2017-08-30	180	< LOD	100,83	< LOD	24,72	< LOD	28,44	< LOD	9,32	< LOD	7,3	< LOD	9,71	702224,56	6793,94	14,83	7,36	14,37	5,63	43,5	6,22	43,11	4,91	19,77	3,9	< LOD	8,16	< LOD	8,28
118480446	2017-08-30	180	< LOD	72,36	31,32	14,66	< LOD	23,41	32,43	6,74	9,8	3,17	17,64	4,77	832418,81	4046,52	126,66	9,63	74,55	6,97	55,46	6	37,01	4,12	22,77	3,89	19	8,86	46,89	9,34
118480447	2017-08-30	180	< LOD	71,59	< LOD	32,73	< LOD	22,3	15,3	5,9	5,77	2,82	12,23	4,32	914571,94	2018,93	59,87	7,03	43,44	5,36	137,92	8,35	162,06	8,33	78,58	6,1	16,71	8,58	< LOD	8,29
118480448	2017-08-30	180	514,09	60,04	26,47	15,16	< LOD	41,12	19,69	6,56	4,88	3,02	15,06	4,82	872300,19	3111,64	62,35	7,99	54,76	6,22	305,69	14,93	322,51	14,7	100,17	7,59	15,89	10,08	24,29	10,64
118480449	2017-08-30	180	< LOD	66,67	< LOD	29,68	< LOD	21,26	19,55	5,8	8,54	2,85	11,95	4,16	903411,5	2355,1	86,05	7,7	50,69	5,64	89,6	6,74	88,46	5,83	36,97	4,31	15,68	8,06	< LOD	7,65
118480450	2017-08-30	180	< LOD	71,56	32,39	14,4	< LOD	23,02	25,44	6,37	11,23	3,17	15,92	4,59	895250,75	2616,45	106,9	8,58	58,14	6,1	79,4	6,58	59,41	4,9	34,49	4,36	20,53	8,8	< LOD	8,88
118480451	2017-08-30	180	< LOD	66,33	27,75	13,12	< LOD	28,45	20,17	5,69	4,08	2,57	8,36	3,92	899407,5	2190,59	55,37	6,55	38,45	5	58,26	5,3	48,93	4,05	24,05	3,4	13,92	7,13	19,81	6,31
118480452	2017-08-30	180	114,2	50,93	< LOD	21,07	< LOD	22,92	< LOD	8,7	6,73	2,92	9,92	4,31	888888,19	2605,76	42,04	6,89	37,03	5,33	187,62	10,29	220,46	10,56	138,28	8,62	22,08	9,95	< LOD	8,95
118480453	2017-08-30	180	< LOD	70,84	21,91	13,84	< LOD	25,44	20,69	6,07	6,35	2,85	8,86	4,2	904785,94	2318,94	82,48	7,7	47,94	5,57	153	8,99	192,78	9,47	89,36	6,64	22,64	9,33	< LOD	8,6
118480454	2017-08-30	180	< LOD	69,99	28,26	13,72	< LOD	24,18	20,92	5,99	7,55	2,88	13,01	4,31	907651,44	2270,14	71,54	7,51	49,71	5,63	203,94	10,62	215,48	10,24	87,25	6,56	16,47	8,93	< LOD	8,8
118480455	2017-08-30	180	< LOD	58,06	19,5	11,69	< LOD	24,27	17,14	5,09	4,85	2,38	9,11	3,6	996270,75	101,25	42,06	5,81	25,4	4,38	12,5	3,4	5,6	1,86	< LOD	2,75	< LOD	7,09	< LOD	4,93

Sample Échantillon	Se ppm	Se Error ppm	Pb ppm	Pb Error ppm	W ppm	W Error ppm	Zn ppm	Zn Error ppm	Cu ppm	Cu Error ppm	Ni ppm	Ni Error ppm	Co ppm	Co Error ppm	Fe ppm	Fe Error ppm	Mn ppm	Mn Error ppm	Cr ppm	Cr Error ppm	V ppm	V Error ppm	Ti ppm	Ti Error ppm	Ca ppm	Ca Error ppm	K ppm	K Error ppm	S ppm	S Error ppm	Au ppm	Au Error ppm
118480380	< LOD	4,96	24,07	8,62	< LOD	174,96	205,58	25,05	84,30	30,51	< LOD	64,65	< LOD	200,85	28795,57	842,67	470,78	108,71	150,19	21,78	138,43	57,03	1527,99	110,99	13114,78	493,37	9154,22	671,03	7706,39	4322,67	< LOD	20,68
118480381	< LOD	4,62	26,85	8,84	< LOD	110,56	168,63	23,22	235,82	38,77	< LOD	81,92	< LOD	261,10	53860,32	1388,74	618,98	116,88	148,46	27,53	155,33	79,31	2399,18	157,65	13074,19	560,68	15388,65	956,78	< LOD	7184,98	< LOD	25,82
118480382	< LOD	3,61	22,29	7,42	< LOD	88,25	90,20	16,35	< LOD	34,77	< LOD	53,69	< LOD	164,47	23062,15	641,20	238,24	82,05	108,27	17,30	111,29	50,14	1409,74	98,45	15237,82	516,24	15770,59	787,33	11391,05	4155,30	< LOD	11,78
118480383	< LOD	4,64	27,33	8,72	< LOD	111,67	155,60	22,55	52,43	28,99	< LOD	66,55	< LOD	220,74	36510,01	1015,96	465,92	107,46	113,86	23,14	151,81	70,09	2157,18	141,17	14444,59	583,14	17931,50	983,54	21848,14	6073,26	< LOD	14,72
118480384	< LOD	7,23	19,81	8,86	< LOD	124,83	140,93	23,73	455,54	51,80	< LOD	75,34	< LOD	391,25	77531,23	1962,96	911,56	136,73	135,43	29,31	182,40	71,36	1442,18	127,58	15925,92	597,68	7063,22	732,37	18792,64	6801,76	< LOD	20,07
118480385	< LOD	4,21	< LOD	10,15	< LOD	172,74	< LOD	21,46	< LOD	61,83	< LOD	61,29	< LOD	71,02	2579,50	179,01	120,48	79,32	126,58	15,31	< LOD	36,08	< LOD	52,89	1173,96	112,19	< LOD	284,97	< LOD	3103,66	< LOD	22,97
118480386	< LOD	7,24	16,56	8,79	162,54	91,08	214,87	28,67	152,88	39,12	< LOD	80,64	< LOD	248,46	37576,23	1141,28	1544,94	177,66	167,43	27,19	80,02	52,56	338,43	83,10	24975,00	799,43	606,12	392,01	47191,32	8671,89	< LOD	17,81
118480387	< LOD	4,14	30,01	8,34	< LOD	118,72	156,83	20,62	66,03	26,55	< LOD	61,52	< LOD	180,73	26146,21	728,7	382,17	95,84	152,63	20,16	98,51	52,77	1333,19	102,14	9180,63	389,92	8888,64	632,95	8687,41	4015,54	< LOD	19,86
118480388	< LOD	6,76	46,86	12,37	< LOD	212,13	240,59	31,99	211,23	46,4	< LOD	98,78	< LOD	350,67	45848	1414,61	1599,75	191,98	213,54	32,41	142,14	92,76	2677,52	188,15	17410,36	710,77	15340,76	1034,48	< LOD	10485,02	< LOD	23,63
118480389	< LOD	11,54	37,75	10,68	< LOD	140,82	833,86	51,33	293,08	42,2	< LOD	89,25	< LOD	314,09	48360,64	1298,62	1123,6	145,36	173,94	27,04	142,31	77,11	2468,83	156,9	27906,14	853,08	17186,51	984,34	24044,09	6768,47	< LOD	20,47
118480390	< LOD	6,53	33,67	10,59	< LOD	220,11	2423,79	116,83	143,91	42,05	431	72,62	< LOD	332,33	68945,97	1779,16	65298,02	1726,4	90,99	42,58	< LOD	276,99	819,48	207	14150,99	592,35	4195,56	698,58	< LOD	10198,36	< LOD	29,24
118480391	< LOD	3,89	20,79	7,63	121,52	67,24	142,44	20,32	39,55	25,24	< LOD	59,97	< LOD	207,01	35327,77	921,21	488,37	101,21	124,77	20,96	< LOD	88,67	1652,99	117,16	12086,22	463,33	9527,6	684,83	17749,54	5094,57	< LOD	12,75
118480392	< LOD	6,17	41,42	11,64	164,11	102,18	139,02	26,1	80,59	38,59	< LOD	105,32	< LOD	346,39	43481,32	1338,03	812,37	147,81	250,03	31,03	195,98	84	2379,37	166,63	14716,01	615,54	13398,13	921,62	< LOD	9807,27	< LOD	22,67
118480393	< LOD	4,98	23,56	8,47	< LOD	132,36	266,78	27,95	160,91	34,85	< LOD	115,03	< LOD	163,37	14091,11	498,88	254,2	91,8	131,34	18,39	71,83	40,01	481,28	69,42	17302,87	567,65	2393,34	395,79	22115,77	5558,3	< LOD	17,95
118480394	< LOD	8,76	16,78	10,3	186,23	115,21	193,53	31,63	171,31	47,68	< LOD	98,51	< LOD	281,9	23509,14	893,99	521,97	139,54	238,57	28,63	115,58	60,35	840,05	106,51	15989,07	645,48	4457,53	595,45	19990,62	5905,94	< LOD	38,89
118480395	< LOD	5,54	16,49	8,45	< LOD	243,67	804,51	53,77	105,43	35,49	134,81	55,63	< LOD	377,44	129314,68	3026,56	1074,03	142,24	127,02	37,87	195,15	95,25	1400,05	160,79	8321,72	513,21	9014,22	920,39	11644,54	6487,51	< LOD	16,24
118480396	< LOD	6,53	33,85	10,81	< LOD	143,37	363,18	36,53	209,28	43,33	< LOD	119,94	< LOD	274,08	46210,88	1358,39	1292,73	167,05	252,26	32,01	231,43	84,97	2225,52	163,17	11980,27	553,18	14095,16	944,67	< LOD	11061,43	< LOD	20
118480397	< LOD	6,34	25,02	9,97	< LOD	150,07	177,62	28,09	208,09	44,74	< LOD	115,6	< LOD	435,35	58042,32	1696,65	2579,66	227,62	178,44	33	106,78	66,31	796,13	110,98	23654,66	807,76	3651,24	602,88	47441,95	9149,43	< LOD	22,2
118480398	< LOD	5,24	30,37	9,43	< LOD	115	149,45	22,66	79,85	31,82	< LOD	68,88	< LOD	253,95	48283,87	1314,07	465,74	111,45	128,02	25,67	138,91	77,06	2657,28	160,51	15439,41	628,67	19398,94	1062,41	27500,64	6561,43	< LOD	28,2
118480399	< LOD	9,63	55,62	13,49	< LOD	160,14	130,54	26,58	131,27	43,58	< LOD	122,09	< LOD	296,19	46819,49	1472,42	873,33	158,33	286,14	35,15	181,43	95,25	2637,28	190,03	16681,19	700,52	14223,99	1014,06	< LOD	7989,48	< LOD	38,91
118480400	< LOD	7,07	30,56	9,3	< LOD	114,54	256,27	27,84	93,79	31,43	< LOD	63,01	< LOD	232,23	39866,97	1094,92	495,2	110,35	168,95	25,52	187,66	73,53	2619,7	152,89	16947,15	622,53	15579,1	922,4	12490,89	5219,28	< LOD	14,18
118480401	< LOD	11,13	35,34	11,44	< LOD	153,93	138,11	26,51	130,69	42,78	< LOD	93,32	< LOD	250,82	21713,5	807,95	655,88	142,84	224,16	28,39	147,36	64,61	1273,78	120,75	15282,45	631,8	7807,72	736,86	13813,03	5783,97	< LOD	31,6
118480402	< LOD	5,12	20,91	8,42	< LOD	125,26	341,15	32,1	87,61	31,59	< LOD	87,22	< LOD	227,73	36693,8	1037,81	806,67	129,99	128,78	22,43	< LOD	77,48	1039,44	96,68	23922,69	720,72	4239,15	518,89	39899,76	7033,36	< LOD	22,12
118480403	< LOD	7,03	19,68	10,09	< LOD	177,96	258,8	34,59	237,02	50,05	< LOD	96,72	< LOD	457,37	155247	3949,74	19765,92	674,45	90,18	48,35	< LOD	240,19	1790,05	222,86	7248,41	561,14	11540,08	1115,35	< LOD	11535,53	< LOD	23,66
118480404	< LOD	4,03	17,96	7,42	< LOD	102,58	220,49	24,05	69,4	26,79	< LOD	58,74	< LOD	226,98	45199,01	1121,42	771,62	116,08	109,39	22,13	97,15	55,41	1178,62	102,58	10170,11	427,52	8022,25	658,91	15828,96	5457,21	< LOD	14,28
118480405	< LOD	5,41	27,63	9,07	< LOD	113,45	160,93	22,62	64,74	29,66	< LOD	67,47	< LOD	243,16	44056,67	1177,75	475,86	110,13	165,41	26,26	151,89	72,31	2448,32	149,49	11267,76	530,97	16647,83	981,79	< LOD	6535,74	< LOD	24,74
118480406	< LOD	7,86	42,73	12,01	< LOD	237,12	162,75	27,2	88,27	39,21	< LOD	137,75	< LOD	282,24	45073,57	1386,79	919,74	154,74	275,11	33,91	175,37	92,15	2728,74	186,58	15920,45	664,58	14379,5	988,38	< LOD	7872,12	< LOD	19,7
118480407	< LOD	5,11	28,93	9,31	< LOD	124,3	161,2	23,82	47,96	30,18	< LOD	70,72	< LOD	387,85	35800,72	1036,94	539,67	116,81	136,63	22,68	110,53	57,71	1363,57	110,18	15058,41	551,77	8740,33	691,45	28744,65	6442,98	< LOD	19,12
118480408	< LOD	6,01	37,05	10,94	< LOD	185,37	154,97	25,66	130,21	39,34	< LOD	85,21	< LOD	326,22	36048,14	1132,59	594,95	130,56	194,81	27,26	156,7	78,07	2726,37	165,75	14748,08	630,6	19313,05	1066,21	8507,9	4906,43	24,44	15,28
118480409	< LOD	4,2	20,79	8,01	< LOD	165,53	108,18	19,52	196,82	35,72	< LOD	69,87	< LOD	300,77	82326,91	1906,59	774,02	120,28	80,83	28,87	< LOD	93,38	525,86	98,28	9575,92	420,88	1062,34	424,11	< LOD	12158,07	< LOD	15,9
118480410	< LOD	4,63	23,09	8,53	< LOD	134,27	266,11	28,47	74,28	30,65	< LOD	66,72	< LOD	301,67	77724,66	1875,77	4858,65	265,84	123,42	30,61	134,28	88,36	2334,68	169,41	11001,36	554,46	16518,54	1044,61	< LOD	7610,71	< LOD	18,09
118480411	< LOD	5,15	12,38	7,94	< LOD	159,34	575,46	44,7	268,81	44,29	128,49	56,06	< LOD	376,83	124737,52	2957,35	358,57	112,29	80,57	37,27	< LOD	135,97	761,23	144,2	5925,81	411,53	5347,8	727,06	33383,86	8978,34	< LOD	26,92
118480412	< LOD	19,81	41,8	13,42	< LOD	293,66	321,75	40,47	1139,32	95,71	< LOD	167,15	< LOD	432,27	65833,03	2042,33	1930,81	219,08	249,63	38,29	< LOD	119,25	724,53	130,7	14464,75	624,99	3172,79	637,94	39748,28	9200,32	< LOD	37,1
118480413	< LOD	11,07	44,56	11,54	< LOD	132,67	130,44	23,91	70,59	34,98	< LOD	76,4	< LOD	261,17	41035,46	1226,83	747,6	138,04	232,35	29,65	197,14	81,21	2481,57	163,43	14701,62	604,88	13144,26	904,87	< LOD	10328,28	< LOD	18,22
118480414	< LOD	4,45	33,54	9,15	< LOD	172,15	256,95	27,18	178,5	34,89	< LOD	79,1	< LOD	235,41	43848,64	1151,91	861,54	126,47	128,88	24,81	173,57	72,33	2351,32	146,26	14275,45	572,53	14588,28	917,67	< LOD	7084,8	< LOD	23,33
118480415	< LOD	4,44	24,46	8,4	< LOD	179,81	129,04	20,71	80,97	29,79	< LOD	80,66	< LOD	194,35	28071,78	816,75	525,84	110,09	175,8	22,84	117,67	58,75	1811,82	119,8	18866,62	612,32	6806,99	607,51	18195,17	5569,44	< LOD	17,73
118480416	< LOD	3,92	20,48	7,69	< LOD	99,25	77,05	16,22	< LOD	38,02	< LOD	59,95	< LOD	202,02	33845,95	905,69	513,14	103,4	138,69	21,92	< LOD	102,54	2352,76	141,45	18837,77	641,04	21163,96	996,03	22816,91	5843,73	< LOD	16,18
118480417	< LOD	8,96	21,27	8,37	< LOD	115,03	217,31	25,8	114,72	32,1	< LOD	65,29	< LOD	257,15	51776,89	1352,83	234,56	94,15	98,18	23,26	< LOD	78,79	750,79	91,98	23393,6	707,06	4168,16	550,44	59223,5	8525,5	< LOD	17,18
118480418	< LOD	8,64	18,19	7,77	< LOD	128,95	780,08	46,52	75,13	28,52	< LOD	62,19	< LOD	148,95	15778,75	518,07	1055,9	136,78	113,56	17,21	66,03	32,06	217,44	50,35	13729,72	457,6	594,44	292,54	26073,2	6044,17	< LOD	14,19
118480419	< LOD	4,55	21,81	8,34	< LOD	115,37	166,05	23,51	109,58	32,57	< LOD	75,01	< LOD	258,1	51655,96	1341,53	488,11	110,56	84,3	24,75	90,79	58,72	808,94	101,12	10815,69	459,13	4627,46	589,41	10698,25	5304,64	< LOD	18,91
118480420	< LOD	4,25	< LOD	10,19	138,67	72,73	< LOD	17,46	< LOD	40,42	< LOD	60,52	< LOD	66,1	2255,82	165,09	204,46	86,78	116,29	14,79	33,95	22,58	< LOD	60,18	1221,09	111,2	< LOD	272,33	< LOD	3111,08	< LOD	19,62
118480421	< LOD	6,05	25,21	9,84	< LOD	231,1	386,95	38,86	152,74	41,38	< LOD	85,84	< LOD	404,98	134008,77	3292,36	6756,69	329,78	103,91	42,47	< LOD	164,81	1676,79	190,4	5844,39	514,32	11544,35	1076,61	< LOD	11294,01	< LOD	20,74
118480422	< LOD	4,91	19,55	8,48	< LOD	165,61	249,81	27,74	166,96	35,82	< LOD	80,06	< LOD	222,43	34571,58	983,69	808,75	130,1	208,33	26,33	124,36	68,96	2185,8	141,34	11200,91	491,29	11159,65	797,03	7903,46	4568,73	< LOD	18,37
118480423	< LOD	4,87	20,46	7,85	< LOD	107,9	67,68	16,72	178,9	33,86	< LOD	92,01	< LOD	86,84	4387,7	225,96	135,84	78,8	154,18	17,78	< LOD	45,66	260,62	51,66	8851,4	349,42	996,09	299,86	10429,94	3961,35	< LOD	17,53
118480424	< LOD	4,91	23,53	8,61	< LOD	164,45	116,18	20,46	54,42	29,57	< LOD	72,55	< LOD	301,33	76916,33	1851,46	8724,38	368,24	147,58	33,75	< LOD	139,76	2573,77	180,71	11138,89	588,4	19222,83	1152,62	< LOD	8456,69	< LOD	16,6
118480425	< LOD	7,5	16,97	8,45	< LOD	142,69	612,91	45,53	126,75	36,22	< LOD	106,56	< LOD	319,93	78227,4	1994,49	577,61	121,28	140,17	31,9	< LOD	97,93	593,51	105,85	9598,76	455,25	3280,64	581,56	59722,59	10395,64	< LOD	16,66
118480426	< LOD	5,86	22,9	8,17	< LOD	118,52	280,15	27,41	87,09	28,92	< LOD	61,9	< LOD	284,74	38125,98	1014,11	283,3	93,83	156,72	22,89	137,57	59,1	1583,96	114,32	10395,06	447,56	10285,04	730,97	25139,98	5848,52	< LOD	25,16
118480427	< LOD	10,09	50,65	12,55	233,73	104,86	136,72	26,37	84,78	38,95	< LOD	142,7	< LOD	276,24	44749,59	1373,4	953,74	156,08	252,19	33,14	218,32	92,01	2611,33	182,67	16204,1	676,47	14383,87	1001,32	< LOD	11847,56	< LOD	32
118480428	< LOD	7,83	25,27	9,41	< LOD	173,34	242,53	29,09	98,46	34,61	< LOD	107,2	< LOD	343,28	98623,3	2372,16	14366,02	511,5	173,05	39,17	152,04	99,06	1249,47	167,38	7956,35	467,66	6599,35	786,88	< LOD	11914,88	< LOD	19,25
118480429	< LOD	6,09	18,86	8,08	< LOD	200,01	2987,9	117,71	144,84	34,85	197,89	53,33	< LOD	332,81	37370,86	1026,68	729,25	123,14	168,05	24,06	< LOD	116,5	582,01	88,61	20510,07	643,05	2978,79	486,46	37298,08	7656,36	< LOD	29,12
118480430	< LOD	4,66	39,93	10,16	< LOD	194,83	234,61	27,86	64,44	31,91	101,04	52,01	< LOD	276,42	56297,16	1488,55	1403,64	159,91	147,08	30,03	162,09	86,5	2152,83	165,66	11588,4	560,09	13787,13	978,86	22644,77	7062,92	< LOD	20,07
118480431	< LOD	8,26	36,08	11	166,32	96,77	105,27	23,34	95,27	38,19	< LOD	112,19	< LOD	249,46	36403,02	1152,26	505,12	125,78	210,35	28,75	187,6	78,16	2677,97	164,92	21679,89	791,69	18560,17	1063,74	24577,48	6771,42	< LOD	28,6
118480432	< LOD	6,11	19,83	9,05	< LOD	130,88	200,37	27,77	88,76	35,1	< LOD	112,54	< LOD	394,58	137455,44	3236	8318,74	355,71	72	39,97	< LOD	153,45	1878,56	181,94	7209,21	551,47	12688,6	1109,51	< LOD	14191,46	< LOD	17,95
118480433	< LOD	4,95	22,28	8,51	< LOD	115,41	100,52	19,63	103,81	32,2	< LOD	66,1	< LOD	176,19	20316,75	659,44	270,99	94,81	149,72	21,14	89,73	50,56	1278,28	99,83	15917,25	566,41	7379,2	633,67	17680,05	5359,08	< LOD	27,05
118480434	< LOD	5,92	46,36	11,73	< LOD	229,76	157,57	26,23	71,75	36,75	< LOD	125,46	< LOD	352,33	42786,66	1307,84	808,86	145,1	255	32,63	197,15	89,36	2423,26	175,57	15377,07	648,77	13670,03	968,33	< LOD	7716,57	< LOD	33,61
118480435	< LOD	4,48	22,13	8,6	< LOD	162,98	298,32	31,12	58,53	30,91	< LOD	95,61	< LOD	337,65	95390,35	2201,75	56169,61	1383,9	< LOD	68,53	< LOD	303,79	1980,62	224,93	9913,39	604,77	13986,39	1142,71	< LOD	13744,05	< LOD	18
118480436	< LOD	3,88	15,43	6,79	< LOD	111,62	146,05	19,11	51,89	23,93	< LOD	54,56	< LOD	175,72	28071,19	739,17	428,49	94,19	89,73	17,74	93,54	40,83	405,79	66,81	14709,69	463,05	1848,89	359,59	32076,87	5967,22	< LOD	20,86
118480437	< LOD	4,19	18,07	7,42	< LOD	105,25	272,63	26,29	119,75	29,21	< LOD	58,08	< LOD	238,69	54940,44	1298,16	1294,41	137,15	105,1	24,07	103,6	61,6	1196,15	111,65	15373,33	537,51	7917,29	684,18	12218,94	5334,99	< LOD	15,71
118480438	< LOD	7,89	29,45	9,78	< LOD	195,52	242,34	29,38	310,64	46,28	< LOD	117,5	< LOD	217,5	29326,2	927,87	362,56	108,12	179,76	25,83	106,51	60,12	1178,26	111,95	24934,48	810,65	6548,83	664,05	24172,96	6779,39	< LOD	27,4
118480439	< LOD	4,68	16,87	7,87	< LOD	177,37	174,92	23,33	96,74	30,78	< LOD	64,42	< LOD	274,69	65366,7	1588,62	1877,19	168,63	143,5	29,64	156,85	73,16	1063,54	124,96	9017,48	438,01	5399,37	653,95	< LOD	7174,16	< LOD	15,86
118480440	< LOD	3,93	17,1	7,14	< LOD	93,26	48,84	14,26	46,61	24,77	< LOD	57,03	< LOD	137,43	15030,47	478,59	137,94	74,3	117,19	17,1	69,27	33,07	335,39	54,5	4779,28	240,09	1047,53	299,19	8870,3	4289,65	< LOD	15,21
118480441	< LOD	6,24	53,08	12,32	< LOD	192,17	147,37	25,49	95,09	38,19	< LOD	112,95	< LOD	265,53	42264,42	1295,55	875,65	148,77	261,85	33,33	190,43	89,06	2604,65	178,92	16001,96	667,67	13460,48	974,24	< LOD	7727,21	< LOD	21,81
118480442	< LOD	4,75	34,74	9,63	< LOD	151,84	371,33	32,93	211,75	37,79	< LOD	106,19	< LOD	228,88	38254,18	1056,99	493,31	110,67	185,55	25,25	191,06	71,97	2538,13	148,63	12512,81	527,06	15273,59	898,35	12106,42	5120,74	< LOD	14,81
118480443	< LOD	8,98	26,77	11,54	168,73	111,93	138,3	28,74	206,14	51,6	107,37	69,15	< LOD	284,51	10334,25	506,62	432,62	138,94	329,97	31,81	114,18	62,49	728,2	109,33	16325,62	679,73	3904,26	570,28	17013,93	5937,97	< LOD	22,44
118480444	< LOD	6,28	33,05	10,33	< LOD	140,43	231,67	29,3	199,76	42,01	< LOD	77,47	< LOD	268,21	44688,66	1321,43	511,12	121,51	156,97	27,66	< LOD	102,74	1430,15	129,13	20087,6	709,29	8489,72	756,27	32443,58	7877,36	< LOD	21,03
118480445	< LOD	6,49	< LOD	10,36	< LOD	198,04	610,69	52,54	124,68	42,84	128,17	65,92	< LOD	503,5	237232,63	5800,73	599,25	137,83	< LOD	120,75	< LOD	196,03	666,57	159,94	5674,54	488,25	3697,64	815,4	48899,43	12105,57	< LOD	19,71
118480446	< LOD	13,53	17,3	9,61	< LOD	148,61	268,02	32,53	203,95	43,7	< LOD	123,65	< LOD	278,52	47087,57	1427,86	1814,59	194,5	157,3	29,33	< LOD	83,26	411,86	89,35	43148,6	1246,79	928,93	479,62	72851,45	10339,09	< LOD	23,83
118480447	< LOD	4,98	25,92	8,95	< LOD	123,48	272,81	29,2	92,04	32,17	< LOD	68,23	< LOD	254,92	48354,4	1286,33	694,67	123,39	199,73	28,98	209,86	77,06	2570,89	156,6	11644,85	539,05	14207,23	941,49	< LOD	7156,42	< LOD	18,59
118480448	< LOD	5,77	88,26	14,3	< LOD	219,11	337,15	34,8	94,81	36,38	< LOD	127,24	< LOD	311,98	66735,38	1816,37	4431,26	280,5	208,43	38,06	287,79	131,91	4459,35	266,95	30106,87	982,27	19484,6	1201,73	< LOD	11415,13	< LOD	32,94
118480449	< LOD	6,58	22,73	8,85	< LOD	177,28	175,19	24,55	78,14	32,2	< LOD	83,87	< LOD	227,22	31280,09	941,13	353,49	105,41	149,68	23,33	87,75	55,64	1077,63	103,48	19736,69	660,91	6651,6	632,45	36567,95	7157,52	< LOD	26,78
118480450	< LOD	7,36	27,84	9,87	< LOD	133,07	153,91	24,62	121,18	36,55	< LOD	112,19	< LOD	258,95	44114,31	1284,88	667,76	128,62	148,11	26,61	< LOD	88,37	739,9	101,22	15188,06	567,2	3874,93	553,82	39073,31	8012,42	< LOD	29,67
118480451	< LOD	4,46	15,81	7,54	< LOD	152,9	191,02	23,65	140,83	32,24	< LOD	64,97	< LOD	283,87	74130,18	1729,41	789,72	119,9	92,56	28,09	< LOD	95,45	821,41	107,08	11009,7	460,92	2777,3	534,39	10217,84	6339,02	< LOD	24,1
118480452	< LOD	7,88	34,47	10,09	< LOD	121,28	257,06	29,05	134,81	35,71	85,3	50,94	< LOD	287,78	63418,85	1645,25	1173,42	149,18	225,87	33,78	280,54	99,45	3847,07	208,43	12244,55	627,57	22560,46	1231,87	< LOD	7454,2	< LOD	15,28
118480453	< LOD	5,48	25,53	9,24	< LOD	127,6	231,94	27,74	146,72	36,11	< LOD	86,66	< LOD	215,87	30793,04	927,79	967,63	141,41	192,63	25,79	158,24	71,61	2244,25	146,02	31839,6	948,55	14397,03	894,66	13479,02	5536,47	< LOD	29,05
118480454	< LOD	7,22	33,2	9,84	< LOD	121,28	158,3	23,84	81,99	32,73	< LOD	84,15	< LOD	231,91	30758,17	929,99	643,11	123,8	187,94	24,3	131,52	65,98	2176,88	136,88	25437,26	803,83	16982,98	920,15	14946,94	5320,12	< LOD	18,19
118480455	< LOD	4,04	< LOD	7,58	103,83	66,79	< LOD	16,63	< LOD	37,97	< LOD	58,15	< LOD	62,98	2104,49	151,82	128,93	75,96	104,64	13,47	32,61	21,12	< LOD	73,9	1116,25	103,37	< LOD	260,53	< LOD	3337,77	< LOD	17,01

Sample Échantillon	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	Ba ppm	Ba Error ppm	Sb ppm	Sb Error ppm	Sn ppm	Sn Error ppm	Cd ppm	Cd Error ppm	Pd ppm	Pd Error ppm	Ag ppm	Ag Error ppm	Bal ppm	Bal Error ppm	Mo ppm	Mo Error ppm	Nb ppm	Nb Error ppm	Zr ppm	Zr Error ppm	Sr ppm	Sr Error ppm	Rb ppm	Rb Error ppm	Bi ppm	Bi Error ppm	As ppm	As Error ppm
118480456	2017-08-30	180	< LOD	67,91	< LOD	20,34	< LOD	21,75	18,35	5,89	7,15	2,84	15	4,36	907210,63	2237,8	89,58	7,73	46,37	5,5	40,76	4,93	32,57	3,55	24,29	3,62	< LOD	11,09	< LOD	7,98
118480457	2017-08-30	180	< LOD	84,16	25,87	16,99	< LOD	27,4	29,85	7,73	12,26	3,83	22,79	5,77	865113,13	3852,96	159,03	11,94	103,62	8,91	82,74	8,02	76,88	6,64	30,67	4,98	21,45	10,76	< LOD	12,21
118480458	2017-08-30	180	< LOD	68,68	< LOD	24,14	< LOD	22,56	24,72	6,09	4,54	2,72	14,17	4,34	915733,06	2056,2	76,75	7,49	51,47	5,63	140,35	8,44	147,48	7,89	64,55	5,56	17,76	8,57	< LOD	8,19
118480459	2017-08-30	180	< LOD	80,87	< LOD	30,3	< LOD	25,33	18,36	6,79	6,91	3,25	8,27	4,73	894633,81	2727,19	74,52	8,36	54,17	6,39	152,07	9,91	176,83	9,89	109,12	8,2	23,78	10,68	36,69	9,52
118480460	2017-08-30	180	< LOD	95,23	19,21	12,29	< LOD	27,02	16	5,3	< LOD	2,84	9,35	3,77	921467,19	1768,83	35,2	5,71	22,77	4,29	61	5,72	264,45	10,55	70,9	5,24	13,5	7,39	< LOD	6,29
118480461	2017-08-30	180	315,78	55,66	< LOD	31,92	< LOD	34,03	14,33	6,22	< LOD	5,79	< LOD	6,48	866129,75	3104,45	29,3	6,82	26,89	5,21	179,46	10,43	233,57	11,38	126,82	8,47	18,67	9,76	< LOD	11,21
118480462	2017-08-30	180	< LOD	75,74	22,74	14,73	< LOD	25,44	22,78	6,52	9,25	3,19	20,16	4,93	916513,06	2203,42	97,16	8,84	69,66	6,72	233,75	12,55	288,62	13,56	76,46	6,63	28,43	10,45	< LOD	10,48
118480463	2017-08-30	180	331,14	56,65	< LOD	25,18	< LOD	23,97	< LOD	13,97	< LOD	4,3	< LOD	6,48	867317,25	2963,23	22,44	6,45	24,56	4,96	193,45	10,48	209,81	10,22	105,78	7,37	< LOD	13,01	< LOD	10,17
118480464	2017-08-30	180	< LOD	74,66	25,63	14,82	< LOD	23,94	32,05	6,79	6,17	3,01	12,98	4,62	872598,94	3027,12	88,47	8,21	51,04	5,96	86,82	7,02	89,14	6,17	38,46	4,63	20,45	8,9	< LOD	8,89
118480465	2017-08-30	180	106,02	49,25	< LOD	25,04	< LOD	21,97	9,81	5,67	4,49	2,72	11,27	4,24	902419,25	2261,76	41,41	6,62	33,46	5,04	184,67	9,75	176,53	8,76	114,61	7,46	22,85	9,28	< LOD	9,12
118480466	2017-08-30	180	376,71	63,68	< LOD	24,89	< LOD	26,82	14,97	7,02	5,63	3,34	9,93	5,04	843980,94	3823,84	60,85	8,45	35,3	6,08	184,04	11,61	195,76	11,14	83,07	7,37	< LOD	17,7	< LOD	11,8
118480467	2017-08-30	180	< LOD	69,75	31,73	14,23	< LOD	37,85	30,09	6,49	11,98	3,21	25,44	4,95	932708,69	1873,1	131,02	9,56	85,2	7,19	57,67	6	39,33	4,18	27,29	4,12	18,24	8,96	27,73	8,88
118480468	2017-08-30	180	< LOD	66,18	< LOD	19,21	< LOD	22,24	19,73	5,64	7,11	2,7	10,88	4	896460,25	2408,11	69,3	7,07	47,19	5,32	136,79	8,44	306,59	12,67	38,12	4,23	< LOD	11,07	< LOD	7,27
118480469	2017-08-30	180	< LOD	81,36	34,13	16,1	< LOD	25,96	25,39	7,11	10,76	3,51	13,29	5	915683	2351,13	102,27	9,77	76,42	7,45	321,26	16,54	301,18	15	92,6	7,86	31,62	11,8	< LOD	12,28
118480470	2017-08-30	180	< LOD	69,36	27,74	13,78	< LOD	22,15	26,03	6,14	5,61	2,77	11,44	4,24	914262,38	2000,21	74,67	7,37	52,12	5,62	103,74	7,16	99,83	6,19	60,31	5,35	18,35	8,44	< LOD	13,96
118480471	2017-08-30	180	< LOD	63	21,25	12,54	< LOD	25,18	19,33	5,48	6,45	2,6	12,92	3,96	926392,31	1716,3	87,9	7,18	57,27	5,42	64,12	5,44	64,39	4,57	35,9	3,96	17,61	7,67	< LOD	14,4
118480472	2017-08-30	180	< LOD	76,1	< LOD	21,9	< LOD	23,98	18,55	6,32	7,8	3,07	8,75	4,41	862419,25	3193,78	55,35	7,28	37,56	5,44	149,93	9,23	199,08	10	86,85	6,75	26,88	9,78	< LOD	8,66
118480473	2017-08-30	180	< LOD	78,18	24,97	14,93	< LOD	24,18	15,86	6,34	4,96	2,97	< LOD	6,51	883095,69	2775,47	45,83	7,27	36,31	5,52	187,55	10,6	175,6	9,39	92,35	7,11	21,44	9,68	< LOD	11,2
118480474	2017-08-30	180	< LOD	71,6	< LOD	20,78	< LOD	22,31	16,11	5,96	6,18	2,86	10,56	4,29	912704,25	2051,75	54,83	6,94	41,32	5,36	96,02	6,97	97,72	6,17	74,32	5,99	17,82	8,64	< LOD	12,21
118480475	2017-08-30	180	92,1	54,62	< LOD	22,61	< LOD	24,53	< LOD	9,32	< LOD	4,44	< LOD	6,65	850511,5	3490,21	41,06	7,37	31,69	5,56	173,9	10,56	207,98	10,87	96,66	7,51	15,67	9,54	< LOD	13,37
118480476	2017-08-30	180	< LOD	78,78	25,98	15,46	< LOD	28,96	22,65	6,79	11,76	3,45	19,02	5,08	912773,81	2349,22	97,48	9,26	70,2	6,98	307,12	15,46	288,84	14,04	88,56	7,42	37,45	11,65	< LOD	11,64
118480477	2017-08-30	180	107,16	57,73	25	15,99	< LOD	26,01	12,78	6,67	6,37	3,25	11,39	4,9	848835,5	3592,37	50,61	7,89	34,82	5,86	181,89	11,07	158,7	9,38	78,41	6,93	< LOD	20,74	11,85	7,44
118480478	2017-08-30	180	200,69	52,52	< LOD	33,1	< LOD	28,66	9,03	5,9	5,97	2,91	7,2	4,26	882851	2698,06	38,23	6,81	26,58	4,98	238,66	11,69	176,77	9,01	116,11	7,69	< LOD	17,33	< LOD	14,31
118480479	2017-08-30	180	178,28	50,42	< LOD	20,61	< LOD	24,89	14,9	5,87	5,15	2,78	8,5	4,17	902529,38	2302,09	39,82	6,72	36,98	5,2	222,78	11,16	251,38	11,31	115,87	7,59	< LOD	13,07	< LOD	10,95
118480480	2017-08-30	180	< LOD	66,73	37,42	13,58	< LOD	25,92	27,03	6,05	11,57	3,01	18,68	4,43	916315,44	2128,56	108,79	8,38	73,96	6,4	75,49	6,29	64,15	4,97	26,64	3,81	< LOD	11,5	< LOD	8,17
118480481	2017-08-30	180	< LOD	77,42	< LOD	22,34	< LOD	24	20,17	6,5	5,29	3,01	15,16	4,77	914955	2186,58	63,82	7,65	47,36	5,84	166,39	9,97	229,78	11,22	109,07	7,8	33,91	10,83	< LOD	9,86
118480482	2017-08-30	180	< LOD	69,47	< LOD	20,62	< LOD	22,35	21,55	6,06	8,57	2,94	14,35	4,39	868334,88	3076,43	85,48	7,92	50,45	5,79	96,14	7,2	107,72	6,71	48,51	5	19,75	8,65	< LOD	7,58
118480483	2017-08-30	180	< LOD	79,38	24,51	15,59	< LOD	26,89	22,93	6,89	7,95	3,29	16,2	5,03	907230,63	2524,69	97,02	9,45	70,83	7,14	315,93	16,07	291,5	14,41	89,86	7,59	23,72	11,05	< LOD	12,03
118480484	2017-08-30	180	741,85	56,45	< LOD	19,82	< LOD	21,5	10,97	5,54	< LOD	4,9	< LOD	5,84	929853,06	1633,25	28,92	6,04	22,6	4,52	169,64	8,97	212,93	9,53	94,18	6,39	< LOD	11,76	< LOD	7,58
118480485	2017-08-30	180	< LOD	78,33	26,31	15,78	< LOD	27,9	39,48	7,49	11,62	3,52	21,92	5,31	879862	3274,12	140,47	10,83	98,1	8,27	152,79	10,25	97,47	7,21	46,26	5,61	20,9	10,29	< LOD	11,7
118480486	2017-08-30	180	< LOD	68,65	< LOD	20,38	< LOD	21,55	26,43	6,13	8,24	2,9	12,13	4,25	884749,63	2700,92	84,61	7,68	60,54	5,92	100,88	7,2	123,2	7,08	32,48	4,08	< LOD	11,52	< LOD	7,92
118480487	2017-08-30	180	209,76	48,39	< LOD	31,57	< LOD	21,25	< LOD	12,24	< LOD	3,88	8,43	3,98	906634,19	2137,46	24,04	6,06	25,68	4,71	158,16	8,85	217,07	9,88	131,21	7,89	< LOD	12,86	< LOD	10,66
118480488	2017-08-30	180	< LOD	74,84	30,32	15,01	< LOD	24,06	24,47	6,63	7,93	3,14	13,06	4,67	840562,13	3751,16	86,32	8,38	49,29	6,09	66,67	6,41	58,51	5,06	27,94	4,13	< LOD	11,77	< LOD	8,33
118480489	2017-08-30	180	172,36	52,25	29,17	14,4	< LOD	22,99	< LOD	8,76	4,81	2,85	9,35	4,34	886462,25	2565,11	31,67	6,4	26,5	4,84	175,1	9,51	192,08	9,28	114,83	7,48	24,91	9,43	< LOD	9,23
118480490	2017-08-30	180	< LOD	58,89	29,11	11,88	< LOD	18,93	12,13	4,99	5,33	2,42	7,24	3,56	996683,06	90,2	37,75	5,72	18,9	4,22	6,31	3,19	4,16	1,77	4,02	1,95	< LOD	7,51	< LOD	5,57
118480491	2017-08-30	180	< LOD	69,69	< LOD	29,78	< LOD	21,81	21,13	5,96	5,23	2,74	7,21	4,06	923303,75	1850,8	58,17	6,95	40,18	5,24	130,13	7,99	126,05	7,07	65,52	5,54	20,92	8,67	< LOD	8,14
118480492	2017-08-30	180	< LOD	64,55	26,67	12,96	< LOD	20,77	18,66	5,61	8,58	2,77	15,61	4,17	936696,31	1533,19	81,31	7,13	47,59	5,26	45,73	4,88	41,12	3,74	28,38	3,64	13,69	7,46	39,12	8,34
118480493	2017-08-30	180	< LOD	68,41	22,37	13,74	< LOD	22,2	26,79	6,21	9,55	2,99	17,84	4,52	909379,38	2233,11	100,02	8,37	69,53	6,44	64,95	6,22	96,09	6,36	34,14	4,31	< LOD	11,69	< LOD	8,38
118480494	2017-08-30	180	< LOD	74,72	< LOD	29,18	< LOD	22,68	< LOD	8,6	< LOD	4,05	< LOD	6,13	855037,94	3026,72	29,92	6,23	16,33	4,54	88,43	6,59	89,66	5,77	43,27	4,46	< LOD	12,92	34,41	7,22
118480495	2017-08-30	180	< LOD	94,69	< LOD	26,7	< LOD	21,12	16,29	5,63	< LOD	3,86	< LOD	5,78	950973,38	1286,94	43,2	6,35	26,33	4,64	163,66	9,04	303,72	12,58	81,04	5,92	< LOD	10,65	< LOD	7,6
118480496	2017-08-30	180	200,9	50,02	< LOD	25,41	< LOD	21,84	< LOD	8,31	< LOD	4,36	6,89	4,06	898017,75	2349,77	29,08	6,29	18,09	4,57	178,26	9,62	238,37	10,7	115,84	7,45	16,23	8,86	< LOD	8,34
118480497	2017-08-30	180	< LOD	81,19	29,94	16,03	< LOD	25,89	29,21	7,22	8,86	3,4	19,85	5,28	908414,81	2516,83	106,88	9,77	73,48	7,29	277,56	14,86	289,1	14,44	83,41	7,37	26,68	11,14	< LOD	11,69
118480498	2017-08-30	180	< LOD	60,54	31,79	12,27	< LOD	19,46	30,42	5,62	9,01	2,65	15,59	3,95	946129,75	1341,38	86,04	7,08	57,08	5,39	58,39	5,21	58,56	4,33	29,83	3,64	< LOD	10,18	< LOD	7,25
118480499	2017-08-30	180	< LOD	65,93	< LOD	19,54	< LOD	21,12	23,61	5,83	6,77	2,73	11,01	4,06	933200,25	1650,41	73,62	7,11	49,09	5,38	93,81	6,74	126,59	6,94	148,47	8,57	63,31	11,84	< LOD	8,73
118480500	2017-08-30	180	< LOD	58,14	24,05	11,86	< LOD	20,38	25,18	5,33	10,29	2,63	17,12	3,89	970546,81	746,77	88,35	6,84	52,51	5,06	39,23	4,48	65,95	4,44	12,56	2,61	11,75	6,64	< LOD	6,15
118480501	2017-08-30	180	< LOD	79,11	27,91	15,99	< LOD	29,68	28,39	7,22	10,8	3,52	15,44	5,11	888131,5	3132,42	125,18	10,31	87,19	7,93	89,09	8,08	129,34	8,58	30,48	4,72	19,37	9,9	< LOD	9,81
118480502	2017-08-30	180	< LOD	73,3	37,16	14,68	< LOD	23,38	27,65	6,55	9,79	3,16	17,24	4,72	914115,69	2191,5	91,92	8,42	63	6,41	105,22	7,77	102	6,74	67,88	6,14	39,84	10,76	< LOD	9,76
118480503	2017-08-30	180	< LOD	67,77	30,28	13,54	< LOD	24,54	25,73	6,04	8,72	2,89	14,86	4,31	928978,88	1809,6	78,83	7,53	49,04	5,6	89,38	6,73	83,27	5,65	50,58	4,98	16,08	8,34	< LOD	8,38
118480504	2017-08-30	180	< LOD	78,41	< LOD	36,15	< LOD	25,11	21,91	6,79	10,75	3,4	16,31	4,98	920352,56	2177,28	105,16	9,49	74,26	7,16	265,05	14,13	289,49	14,15	82,35	7,17	27,98	11	< LOD	11,2
118480505	2017-08-30	180	< LOD	63,9	23,86	12,62	< LOD	20,2	19,82	5,5	4,46	2,51	12,39	3,95	920617,13	1805,11	64,08	6,61	43,76	5,01	106,76	6,77	103,21	5,89	49,9	4,55	18,97	7,79	< LOD	6,75
118480506	2017-08-30	180	< LOD	62,42	24,52	12,26	< LOD	19,62	16,9	5,27	< LOD	3,59	12,06	3,84	912532,13	1938,78	50,74	6,21	35,47	4,68	138,8	7,62	146,78	7,15	50,26	4,46	12,77	7,21	< LOD	7,12
118480507	2017-08-31	180	< LOD	75,71	< LOD	21,65	< LOD	23,32	18,66	6,27	8,12	3,07	8,38	4,37	907624,56	2220,63	58,92	7,29	40,17	5,41	200,65	10,62	201,49	9,89	122,2	7,99	24,66	9,96	35,79	8,86
118480508	2017-08-31	180	< LOD	69,4	30,51	13,79	< LOD	22,32	16,39	5,86	7,16	2,85	12,26	4,27	920978,38	1918,51	79,67	7,5	56,68	5,75	118,71	7,66	121,57	6,95	42,44	4,55	15,62	8,1	< LOD	7,89
118480509	2017-08-31	180	< LOD	70,9	21,07	13,9	< LOD	22,47	22,92	6,15	6,7	2,88	13,41	4,39	904554,38	2250,99	68,94	7,3	41,28	5,39	77,82	6,37	78,45	5,48	36,36	4,29	13,69	7,94	< LOD	8,27
118480510	2017-08-31	180	< LOD	69,64	30,37	13,76	< LOD	22,14	19,49	5,95	8,44	2,92	16,38	4,43	918810,56	2007,68	88,84	7,81	54,29	5,76	90,92	6,91	120,76	7,02	75,96	6,14	48,84	10,77	< LOD	8,27
118480511	2017-08-31	180	< LOD	75,88	< LOD	22,26	< LOD	24,2	26,86	6,7	7,48	3,12	17,05	4,84	924514,38	2033,47	95,29	8,97	68,15	6,76	288,39	14,48	279,84	13,42	83,1	6,99	21,38	10,34	< LOD	11,75
118480512	2017-08-31	180	< LOD	77,42	< LOD	22,87	< LOD	26,14	28,06	6,92	7,76	3,21	17,91	5	890401,25	2855,22	90,46	8,83	59,05	6,63	96,71	7,95	121,97	7,9	80,84	7,04	26,87	10,66	< LOD	11,12
118480513	2017-08-31	180	< LOD	82,97	< LOD	24,68	< LOD	26,14	28,6	7,45	5,39	3,31	14,02	5,2	855306,38	3720,12	86,35	9,11	50,58	6,69	45,98	6,15	50,26	5,1	22,8	4,16	13,82	8,96	< LOD	9,18
118480514	2017-08-31	180	420,55	52,18	< LOD	18,74	< LOD	26,23	< LOD	10,52	< LOD	5,01	7,45	4,02	864124	2869,57	< LOD	11,91	22,64	4,49	240,03	11,74	689,65	23,68	34,62	4	< LOD	10,28	< LOD	6,33
118480515	2017-08-31	180	< LOD	65,4	27,62	12,88	< LOD	20,64	15,82	5,48	8,09	2,72	11,18	3,97	917202,69	1848,18	47,37	6,2	32,66	4,72	59,5	5,24	56,53	4,25	39,53	4,07	< LOD	10,42	< LOD	6,89
118480516	2017-08-31	180	< LOD	70,77	23,52	13,85	< LOD	30,26	24,76	6,19	8,34	2,95	14,44	4,42	923351,75	1913,39	63,23	7,32	50,88	5,7	172,59	9,69	198,98	9,75	86,3	6,57	18,93	9,16	< LOD	13,02
118480517	2017-08-31	180	< LOD	74,19	29,96	14,42	< LOD	29,28	19,97	6,24	7,2	2,99	13	4,5	884809,88	2773,68	71,92	7,75	46,91	5,73	181,81	10,21	188,58	9,65	85,11	6,68	21,25	9,42	< LOD	10,3
118480518	2017-08-31	180	< LOD	89,39	< LOD	26,47	< LOD	42,08	33,79	8,17	10,43	3,85	20,13	5,86	848916,31	4280,89	136,11	11,97	95,73	9,12	176,72	12,65	193,16	12,28	77,76	8,06	39,38	14,83	37,75	19,05
118480519	2017-08-31	180	130,25	48,6	< LOD	20,12	< LOD	21,67	16,96	5,79	< LOD	3,92	7,28	4,03	923099,81	1778,36	35,15	6,31	26,72	4,69	218,29	10,49	219,61	9,84	100,34	6,71	24,89	9,07	< LOD	8,4
118480520	2017-08-31	180	< LOD	77,5	30,01	15,38	< LOD	29,23	24,56	6,8	8,5	3,25	13,63	4,82	885920,25	2911,25	88,53	8,73	52,75	6,4	86,62	7,52	109,82	7,39	61,44	6,08	16,11	9,41	< LOD	9,45
118480521	2017-08-31	180	< LOD	68,46	28,95	13,8	< LOD	22,05	19,58	5,97	9,86	3	17,94	4,5	895022,94	2547,1	113,6	8,38	54,65	5,75	61,11	5,81	84,97	5,7	33,46	4,12	12,18	7,72	< LOD	10,44
118480522	2017-08-31	180	147,23	51	23,81	14,08	< LOD	22,62	11,15	5,86	< LOD	5,18	7,43	4,19	866992,75	3002,01	38,6	6,59	26,84	4,9	155,47	9,08	221,23	10,34	117	7,63	< LOD	13,13	< LOD	8,44
118480523	2017-08-31	180	< LOD	101,87	< LOD	20,67	< LOD	22,43	13,36	5,85	7,23	2,89	8,57	4,18	867898,5	2949,28	47,4	6,91	27,15	5,01	137,54	8,52	143,87	7,91	82,93	6,43	24,88	9,27	12,61	6,94
118480524	2017-08-31	180	< LOD	77,1	32,76	15,46	< LOD	27,12	29,94	7	9,81	3,33	19	5,06	889690,25	2886,34	120,68	9,73	73,52	7,13	73,69	7,15	115,97	7,69	63,83	6,29	34,26	11,04	< LOD	10,25
118480525	2017-08-31	180	< LOD	62,65	31,39	12,78	< LOD	28,75	18,26	5,54	5,72	2,61	12,02	4	995908,56	108,12	56,78	6,46	26,46	4,62	15,96	3,67	3,39	1,8	< LOD	2,95	< LOD	10,98	< LOD	5,89
118480526	2017-08-31	180	< LOD	68,98	24,04	13,28	< LOD	21,37	12,26	5,56	< LOD	3,86	8,42	3,99	876099,06	2706,77	41,01	6,31	26,89	4,68	124,5	7,59	141,85	7,36	46,42	4,49	< LOD	13,79	< LOD	7,2
118480527	2017-08-31	180	< LOD	64,52	< LOD	24,17	< LOD	20,37	18,88	5,52	5,42	2,58	11,65	3,96	932073,31	1474,3	59,87	6,3	32,5	4,59	52,96	4,86	44,84	3,69	31,49	3,59	< LOD	9,88	< LOD	7,63
118480528	2017-08-31	180	< LOD	65,02	27,32	13,06	< LOD	30,75	22,46	5,75	7,15	2,72	14,1	4,14	922724,06	1862,68	102,73	7,81	64,89	5,83	78,15	6,1	75,1	5,13	37,03	4,15	17,57	7,94	< LOD	7,09
118480529	2017-08-31	180	< LOD	68,67	< LOD	19,79	< LOD	21,2	16,77	5,68	< LOD	3,81	8,37	3,98	904163,5	2132,06	51,36	6,55	36,37	4,98	97,35	6,72	101,95	6,05	53,92	4,89	28,77	8,67	< LOD	7,9
118480530	2017-08-31	180	< LOD	71,38	24,52	14,07	< LOD	28,18	30,12	6,45	8,76	3,03	15,18	4,52	916958,31	2115,77	85,32	8,01	52,59	5,91	107,48	7,78	154,77	8,48	82,09	6,56	17,86	9,19	< LOD	9,08
118480531	2017-08-31	180	< LOD	77,18	< LOD	35,72	< LOD	24,11	10,25	6,15	< LOD	4,36	7,98	4,44	760362,94	5061,11	37,71	6,95	20,71	5,06	85,36	7,09	106,92	6,92	34,53	4,38	< LOD	11,11	< LOD	7,72

Sample Échantillon	Se ppm	Se Error ppm	Pb ppm	Pb Error ppm	W ppm	W Error ppm	Zn ppm	Zn Error ppm	Cu ppm	Cu Error ppm	Ni ppm	Ni Error ppm	Co ppm	Co Error ppm	Fe ppm	Fe Error ppm	Mn ppm	Mn Error ppm	Cr ppm	Cr Error ppm	V ppm	V Error ppm	Ti ppm	Ti Error ppm	Ca ppm	Ca Error ppm	K ppm	K Error ppm	S ppm	S Error ppm	Au ppm	Au Error ppm
118480456	< LOD	9,95	15,08	8,2	< LOD	126,39	119,01	21,54	125,02	34,67	< LOD	98,48	< LOD	234,23	37441,69	1072,99	1351,48	159,46	123,2	24,06	87,24	49,14	319,28	76,82	19748,89	640,89	1044,24	386,19	31999,07	7415,37	< LOD	20,6
118480457	< LOD	9,24	49,85	13,59	232,26	127,33	231,35	35,54	234	54,12	< LOD	101,7	< LOD	243,02	26229,74	1017,03	1200,6	190,22	263,13	36,39	< LOD	113,48	900,93	132,18	65920,06	2030,79	3978,26	705,45	34880,88	9123	< LOD	27,86
118480458	< LOD	9,86	23,42	9,02	146	85,08	250,34	28,59	124,68	34,55	< LOD	69,6	< LOD	228,02	35114,34	1015,95	638,44	122,16	163,62	24,3	116,03	63,68	1774,48	126,52	18633,47	643,2	10762,29	774,07	15978	5659,98	< LOD	19,01
118480459	< LOD	7,97	33,56	10,95	< LOD	158,49	456,41	41,91	159,23	42	< LOD	137,16	< LOD	311,4	60373,28	1728,63	864,94	147,35	204,11	33,2	225,64	92,11	2838,63	184,83	13274,56	632,78	18551,45	1136,27	< LOD	8583,47	< LOD	31,45
118480460	< LOD	3,74	14,01	7,1	< LOD	89,03	72,1	15,59	< LOD	36,87	< LOD	56,95	< LOD	173,93	23602,43	678,87	462,06	100	117,28	17,76	< LOD	71,35	1066,9	90,78	15171,81	516,84	13098,51	730,42	24319,22	5330,52	< LOD	15,93
118480461	< LOD	5,51	23,25	9,29	< LOD	125,87	182,73	26,06	83,84	33,86	< LOD	119,16	< LOD	339,6	91353,63	2269,39	3158,69	223,09	138,57	36,25	240,94	110,25	3488,1	218,35	12118,08	653,06	22010,11	1286,28	< LOD	8898,79	< LOD	16,2
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118480469	< LOD	6,57	55,31	13,28	< LOD	211,91	151,04	27,37	152,31	44,68	< LOD	128,74	< LOD	293,19	47231,21	1481,52	909,08	158,18	266,98	34,2	235,08	93,27	2768,62	187,58	16272,84	691,85	15265,61	1039,23	< LOD	12879,33	< LOD	28,81
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118480483	< LOD	6,61	60,41	13,37	244,87	105,78	166,25	28,64	102,48	40,92	< LOD	118,15	< LOD	286,19	46582,43	1441,47	921,8	157,32	275,51	34,38	175,45	95,9	2667,76	190,8	16207,68	677,02	14866,71	1007,47	9518,04	4809,28	< LOD	23,26
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118480485	< LOD	8,59	38,85	12,11	< LOD	170,04	238,3	33,57	344,38	55,49	109,01	63,75	< LOD	284,72	43030,89	1407,51	687,93	147,23	252,17	36,16	194,61	87,96	2079,27	169,58	39979,09	1272,26	10410,9	929,99	21924,07	8027,03	< LOD	25,89
118480486	< LOD	8,71	23,95	8,96	< LOD	160,15	168,48	24,08	137,5	35,2	< LOD	70,83	< LOD	332,73	38628,05	1105,89	557,9	117,95	180,1	26,05	102,96	62,22	1542,33	121,36	28267,3	846,81	5995,83	636,51	39170,17	7517,7	< LOD	29,36
118480487	< LOD	5,72	33,82	9,33	< LOD	179,46	103,1	19,23	< LOD	65,79	< LOD	78,95	< LOD	254,17	52672,88	1350,88	491,4	108,96	166,62	27,5	150,23	84,83	3003,28	175,23	12459,52	589,83	23496,3	1161,07	< LOD	11259,76	< LOD	18,07
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118480490	< LOD	3,85	< LOD	9,76	< LOD	94,34	< LOD	26,48	< LOD	35,92	< LOD	57,69	< LOD	64,96	1834,72	142,32	128,31	76,5	105,24	13,21	< LOD	30,41	< LOD	45,01	1023,33	96,02	< LOD	249,96	< LOD	3739,18	< LOD	12,58
118480491	< LOD	6,4	26,49	9,07	< LOD	126,76	226,18	27,12	285,29	41,97	< LOD	72,05	< LOD	306,67	39389,29	1093,96	785,36	128,24	164,5	25,47	162,5	69,24	1834,69	133,82	15553,19	576,82	10524,49	777,08	7137,18	4387	< LOD	19,05
118480492	< LOD	6,51	36,14	9,38	< LOD	114,46	185,06	23,97	110,84	31,67	< LOD	64,75	< LOD	206,58	28126,07	820	322,42	97,21	126,32	21,01	< LOD	63,4	528	72,69	14389,6	499,07	1917,91	409,5	17029,18	5382,99	< LOD	16,47
118480493	< LOD	6,68	21,99	9,06	154,33	86,73	124,03	22,94	57,92	32,55	< LOD	80,71	< LOD	241,73	37074,96	1096,82	1015,22	148,63	157,8	27,09	< LOD	83,23	494,26	92,33	18315,55	645,44	3124,88	525,81	29562,9	7266,98	< LOD	20,77
118480494	< LOD	4,61	14,51	7,48	< LOD	117,39	269,83	27,96	124,29	32	< LOD	63,69	< LOD	342,29	125938,67	2723,86	1584,89	149,35	61,68	32,9	< LOD	124,9	1193,49	141,77	7764,43	454,51	7587,56	798,53	< LOD	8254,25	< LOD	22,79
118480495	< LOD	4,71	24,28	8,39	< LOD	107,07	61,1	16,63	< LOD	46,95	< LOD	64,97	< LOD	166,42	19252,17	639,22	427,38	103,75	147,6	19,74	97,69	54,23	1370,84	105,71	12460,12	505,93	14454,65	815,37	< LOD	6051,21	< LOD	14,75
118480496	< LOD	4,62	28,15	8,99	< LOD	156,09	156,08	22,55	83,39	30,78	< LOD	63,98	< LOD	257,67	51769,32	1350,14	1498,95	158,35	132,79	25,44	148,81	74,97	1972,33	144,04	16423,66	628,58	19347,36	1031,78	9611,85	5294,67	< LOD	14,31
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118480498	< LOD	7,15	19,56	7,96	< LOD	108,96	100,55	18,8	53,55	27,79	< LOD	65,92	< LOD	213,09	12101,03	437,78	259,01	89,95	138,85	17,72	< LOD	54,96	627,6	67,55	17393,86	558,88	3600,26	430,49	19059,26	4802,65	< LOD	24,22
118480499	< LOD	6,17	30,25	9,68	< LOD	144,21	248,73	27,38	131,47	33,59	< LOD	101,31	< LOD	274,51	22309,08	699,77	495,41	111,02	174,91	22,07	118,11	56,48	1589,45	112,75	19132,8	631,97	9873,75	689,76	12047,08	4721,2	35,35	14,62
118480500	< LOD	4	17,65	7,4	< LOD	163,45	77,38	16,67	66,59	27,06	< LOD	59,37	< LOD	107,71	7620,92	311,71	< LOD	107,95	113,5	15,86	51,8	30,07	276,84	50,31	8045,96	323,81	2088,01	342,61	10656,17	4381,73	< LOD	22,86
118480501	< LOD	10,73	27,43	11,1	178,49	110,42	225,04	33,03	164,15	46,7	< LOD	95,16	< LOD	256,64	31725,99	1116,82	350,7	125,83	266,38	32,15	< LOD	101,94	1108,81	124,81	32391,8	1077,49	3243,47	579,09	41470,81	8440,07	< LOD	26,14
118480502	< LOD	8,83	28,15	10,21	< LOD	145,32	393,25	37,57	357,27	49,86	< LOD	82,58	< LOD	281,17	51942,32	1466,18	733,92	134,79	213,82	32,12	158,41	79,78	1682,02	147,86	10290,2	523,93	10144,76	876,62	9188,1	5771,06	< LOD	26,64
118480503	< LOD	7,02	26,41	9,38	< LOD	173	173,54	24,61	98,75	33,66	< LOD	71,29	< LOD	206,95	26995,46	841,8	281,31	100,56	178,27	24,27	< LOD	93	1536,92	121,78	14489,68	557,94	9123,94	724,86	17559,65	5502,78	< LOD	20,12
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118480506	< LOD	5,01	21,07	7,82	< LOD	130,41	129,72	19,43	< LOD	46,93	< LOD	59,14	< LOD	204,67	30257,39	828,27	471,09	101,23	118,5	20,87	103,4	58,03	1498,84	113,05	19723,19	630,01	11047,15	743,64	23605,87	6049,23	< LOD	17,45
118480507	< LOD	8,86	38,47	10,42	142,22	85,62	226,61	27,81	118,88	35,1	< LOD	75,19	< LOD	264,86	50951,6	1377,75	789,85	132,14	225,87	30,76	< LOD	133,51	3351,68	190,19	13011,24	603,19	22656,35	1162,98	< LOD	9975,37	< LOD	17,18
118480508	< LOD	5,16	28,05	9,12	< LOD	191,37	130,46	21,87	86,26	32,11	< LOD	73,41	< LOD	258,35	38377,84	1082,32	634,07	121,44	171,33	24,87	99,68	65,24	1884,66	131,18	16655,27	576,33	6439,5	614,12	13991,64	5281,37	21,84	13,46
118480509	< LOD	5,19	30,58	9,37	< LOD	148,3	791	50,89	113,17	34,22	< LOD	75,39	< LOD	268,38	52499,48	1389,49	1092,03	144,63	125,08	25,84	112,23	60,31	1058,13	107,62	12317,69	494,97	5324,04	615,82	21414,36	6535,51	< LOD	19,08
118480510	< LOD	9,94	27,91	9,75	< LOD	129,86	222,11	27,37	138,45	35,6	< LOD	71,38	< LOD	275,15	32964,63	974,45	1840,61	183,86	186,75	25,39	179,98	69,29	1591,75	129,73	21710,11	692,58	5696,84	588,25	15968,44	5499,53	< LOD	31,41
118480511	< LOD	6,65	65,33	13,19	< LOD	142,2	139,57	24,65	82,6	37,21	< LOD	123,91	< LOD	362,23	42664,16	1297,64	882,8	148,76	229,15	31,16	188,28	88,08	2349,23	172,53	14939,24	624,72	13037,92	926,52	< LOD	10928,87	< LOD	34,03
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118480513	< LOD	8,72	18,75	10,17	< LOD	229,87	1162,86	74,77	203,98	48,22	< LOD	96,73	< LOD	515,12	73675,05	2131,18	4547,78	307,39	107,92	30,94	< LOD	120,16	228,58	99,01	12113,07	520,97	1998,65	521,26	50207,78	9961,07	< LOD	25,6
118480514	< LOD	4,34	11,26	7,14	< LOD	124,85	186,96	22,96	< LOD	38,58	< LOD	59,6	< LOD	275,05	70584,32	1672,55	1039,59	130,73	86,92	26,35	261,34	104,19	7127,05	262,68	33168,28	861,98	6637,08	662,91	15315,92	5786,12	< LOD	13,26
118480515	< LOD	6,7	19,09	7,77	< LOD	107,79	228,56	25,17	197,29	34,43	< LOD	62,14	< LOD	317,53	51279,38	1269,68	447,65	101,53	112,36	22,86	< LOD	79,56	920,47	95,32	15642,36	528,56	4970,83	562,76	8526,59	5262,17	< LOD	16,79
118480516	< LOD	7,37	37,54	10,23	< LOD	180,73	274,79	30,02	244,64	41,49	< LOD	77,32	< LOD	321,92	36775,21	1067,79	679,32	127,15	188,19	26,77	163,24	79,77	2391,68	159,97	13560,34	571,37	15850,39	950,02	< LOD	6999,41	< LOD	28,69
118480517	< LOD	6,91	27,39	9,66	< LOD	125,4	103,27	21,28	142,09	37,42	< LOD	94,37	< LOD	272,17	50356,13	1404,01	624,64	125,41	149,34	26,49	120,62	69,45	1903,45	137,4	18653,54	681,31	15447,4	957	26897,07	6946,6	< LOD	22,65
118480518	< LOD	10,32	244,94	27,58	< LOD	334,31	574,79	55,27	183,9	53,54	< LOD	166,56	< LOD	465,16	77305,34	2464,51	1348,01	198,39	191,82	40,94	228,14	120,96	3777,41	250,44	26485,14	1003,02	12381,13	1099,59	27509,45	8276,34	< LOD	49,58
118480519	< LOD	4,53	37,4	9,52	< LOD	115,41	290,07	28,83	112,95	31,84	< LOD	91,08	< LOD	229,2	41472,27	1098	691,65	119,08	160,11	24,7	185,4	74,48	2720	154,99	11017,01	511,38	19307,12	997,54	< LOD	9269,23	< LOD	14,34
118480520	< LOD	6,34	26,49	10,17	< LOD	224,34	122,29	24,23	80,01	37,5	< LOD	103,56	< LOD	330,75	70597,77	1972,38	1140,65	160,55	139,35	33,44	< LOD	122,57	1357,89	147,05	12162,22	589,51	10262,31	930,74	17606,5	7217,74	< LOD	26,35
118480521	< LOD	6,77	16,33	8,41	129,51	82,98	137,88	22,84	126,68	35,01	< LOD	74,26	< LOD	329,91	26173,91	823,05	482,86	113,69	165,34	22,53	< LOD	72,08	714,91	86,66	31932,7	923,46	2797,24	458,81	41807,61	7023,56	< LOD	21,76
118480522	< LOD	6,31	27,5	9,15	< LOD	191,37	136,25	22,02	100,82	32,62	< LOD	70,96	< LOD	344,36	58797,86	1529,34	769,34	127,81	151,63	28,03	131,31	82,62	2986,97	173,14	15257,54	636,33	22047,83	1136,43	31839,17	7596,57	< LOD	23,69
118480523	< LOD	4,9	27,71	9,23	< LOD	154,34	604,98	43,64	190,22	37,77	< LOD	74,33	< LOD	348,82	87278,52	2099,76	1735,75	166,25	90,56	31,28	< LOD	205,05	1511,46	149,85	12785,93	570,32	9596,73	875,97	17707,15	7126,27	< LOD	27,15
118480524	< LOD	8,31	38,34	11,74	< LOD	154,97	242,04	32,08	210,48	45,89	105,34	61,09	< LOD	304,57	53990,72	1605,14	1484,61	182,84	244,06	36,42	192,69	88,7	1712,32	161,74	21892,77	809,34	9380,72	895,49	20097,3	7317,49	< LOD	32,83
118480525	< LOD	4,33	11,5	7,07	133,78	70,62	< LOD	16,88	< LOD	55,14	< LOD	61,45	< LOD	67,16	2131,18	161,77	143,69	80,57	94,77	13,97	< LOD	33,38	< LOD	81,71	1381,21	116,24	< LOD	281,92	< LOD	3222,12	< LOD	13,93
118480526	< LOD	4,56	22,92	8,15	< LOD	183,84	577,77	40,25	57,18	28,39	< LOD	101,42	< LOD	377,1	52444,47	1328,56	2549,99	194,41	105,89	24,31	< LOD	95,65	1290,16	117,79	14533,03	538,78	9242,08	733,5	42567,73	7461,09	< LOD	14,2
118480527	< LOD	4,35	10,92	6,83	< LOD	110,98	196,7	22,76	233,77	35,01	< LOD	65,12	< LOD	241,39	53093,67	1256,64	580,62	106,07	79,17	23,47	87,56	54,58	750,3	93,2	8827,03	390,96	3799,58	523,19	< LOD	10386,77	< LOD	16,23
118480528	< LOD	7,33	20,21	8,41	< LOD	115,27	170,58	23,54	111,14	32,31	< LOD	73,35	< LOD	198,33	27161,81	810,29	967,11	137,19	132,74	22,52	< LOD	81,88	1093,58	103,52	20979,59	675,02	5263,49	579,84	20765,27	5883,72	< LOD	17,59
118480529	< LOD	5,95	24,73	8,62	< LOD	112,85	175,19	23,34	180,79	34,87	< LOD	88,93	< LOD	272,1	65178,52	1569,79	2491,46	189,14	180,12	29,77	129,97	76,24	1387,09	136,51	11227,43	481,94	7160,51	704,81	7177,57	4631,29	< LOD	19,86
118480530	< LOD	5,25	26,68	9,49	< LOD	198,69	108,36	21,57	91,75	34,52	< LOD	71,48	< LOD	243,24	38202,52	1134,08	606,43	125,24	178,34	27,41	157,16	75,33	2235,77	151,93	12785,26	580,92	16483,23	1008,7	11587,57	5525,9	< LOD	22,69
118480531	< LOD	5,54	16,02	8,33	< LOD	207,69	167,44	25,27	48,88	32,08	< LOD	83,47	< LOD	352,07	95591,16	2465,1	729,34	132,16	64,39	30,57	< LOD	103,49	1038,57	119,23	28875,66	889,05	6800,9	763,32	105917,1	11680,34	< LOD	22,73

Sample Échantillon	Date Date	Element/Élément Unit/Unité Duration (sec) Durée (sec)	Ba ppm	Ba Error ppm	Sb ppm	Sb Error ppm	Sn ppm	Sn Error ppm	Cd ppm	Cd Error ppm	Pd ppm	Pd Error ppm	Ag ppm	Ag Error ppm	Bal ppm	Bal Error ppm	Mo ppm	Mo Error ppm	Nb ppm	Nb Error ppm	Zr ppm	Zr Error ppm	Sr ppm	Sr Error ppm	Rb ppm	Rb Error ppm	Bi ppm	Bi Error ppm	As ppm	As Error ppm
118480532	2017-08-31	180	< LOD	77,7	27,69	15,29	< LOD	36,04	33,42	7,09	5,68	3,1	17,38	4,98	914384,94	2330,5	94,73	9,29	74,08	7,17	319,1	16	286,82	14,1	83,02	7,21	28,2	11,03	< LOD	12,23
118480533	2017-08-31	180	187,51	57,89	< LOD	21,95	< LOD	25,27	< LOD	13,79	< LOD	4,84	< LOD	5,96	816043,75	4191,72	21,33	6,91	18,18	5,16	161,37	10,24	214,92	11,23	68,24	6,26	< LOD	14,27	< LOD	11,8
118480534	2017-08-31	180	413,31	61,44	< LOD	26,45	< LOD	25,74	< LOD	8,25	< LOD	4,59	< LOD	6,91	810545,06	4308,06	16,14	6,83	12,57	5	166,48	10,37	173,86	9,76	65,7	6,15	< LOD	11,67	< LOD	11,56
118480535	2017-08-31	180	< LOD	64,74	27,18	12,95	< LOD	20,63	16,98	5,54	5,16	2,6	11,37	4	895791,38	2327,4	87,77	7,22	47,46	5,17	71,53	5,68	62,79	4,53	31,08	3,73	< LOD	10,44	< LOD	7,51
118480536	2017-08-31	180	< LOD	65,56	24,04	12,82	< LOD	20,53	15,34	5,45	< LOD	3,75	7,2	3,81	839815,63	3328,84	52,62	6,33	32,76	4,67	115,17	7,06	136,81	6,96	44,64	4,28	< LOD	10,27	< LOD	6,96
118480537	2017-08-31	180	233,96	57,19	< LOD	33,37	< LOD	24,75	< LOD	9,44	< LOD	5,84	< LOD	6,76	820398,69	3988,98	14,37	6,53	18,65	5,09	86,97	7,31	114,26	7,34	69,79	6,24	< LOD	12,81	< LOD	14,16
118480538	2017-08-31	180	< LOD	61,9	25,79	12,41	< LOD	19,82	23,25	5,51	6,62	2,58	15,43	4	917673,06	1910,25	69,5	6,77	41,85	5,03	51,73	5,45	168,16	8,1	21,16	3,25	< LOD	10,2	< LOD	6,72
118480539	2017-08-31	180	< LOD	86,43	34,76	17,12	< LOD	40,15	26,56	7,58	9,93	3,67	16,98	5,48	910540,31	2565,98	117,28	10,6	86,72	8,12	290,31	16,08	307,86	15,85	95,27	8,3	44,18	13,22	< LOD	13,52
118480540	2017-08-31	180	< LOD	69	23,86	13,48	< LOD	21,41	13,02	5,68	7,17	2,82	13,05	4,24	934413,25	1622,99	60,43	7,03	46,64	5,39	206,21	10,31	172,14	8,56	72,4	5,77	< LOD	11,94	< LOD	7,95
118480541	2017-08-31	180	230,2	47,94	< LOD	19,4	< LOD	20,8	< LOD	9,91	6,64	2,69	< LOD	5,72	907266,44	2080,24	30,24	6,06	26,55	4,6	188,9	9,47	208,84	9,36	103,53	6,71	12,91	8,12	< LOD	7,61
118480542	2017-08-31	180	< LOD	64,29	32,62	13,12	< LOD	20,87	27,07	5,88	10,7	2,89	18,12	4,29	962446,06	976,76	100,09	7,76	63,68	5,83	49,22	5,11	44,63	3,97	22,08	3,42	23,96	8,23	< LOD	11,16
118480543	2017-08-31	180	< LOD	76,29	23,86	12,98	< LOD	20,88	8,16	5,34	< LOD	3,83	< LOD	5,66	910895,31	1993,26	40,54	6,06	27,53	4,53	126,92	7,49	191,52	8,64	66,69	5,19	< LOD	11,48	< LOD	6,65
118480544	2017-08-31	180	261,08	46,46	< LOD	29,19	< LOD	20,12	< LOD	6,41	< LOD	3,65	< LOD	5,54	935427,56	1466,16	17,01	5,44	13,54	4,05	130,87	7,58	267,89	10,66	98	6,21	< LOD	14,72	< LOD	6,54
118480545	2017-08-31	180	< LOD	68,49	< LOD	31,64	< LOD	21,6	24,08	6,02	8,98	2,91	16,76	4,39	934024,94	1656,89	73,16	7,34	46,86	5,47	126,28	7,93	129,8	7,24	105,41	7,22	48,79	11,01	113,64	12,25
118480546	2017-08-31	180	< LOD	84,37	32,48	16,68	< LOD	40,43	25,22	7,36	10,75	3,64	19,29	5,46	913525,19	2417,05	114,91	10,21	75,34	7,47	311,51	16,3	297,42	14,97	90,11	7,81	33,3	12,03	< LOD	12,92
118480547	2017-08-31	180	< LOD	58,7	26,18	11,9	< LOD	18,9	26,13	5,35	10,38	2,63	11,99	3,71	945584,56	1261,08	87,65	6,69	51,51	4,93	46,35	4,51	43,87	3,55	18,37	2,85	< LOD	9,25	< LOD	5,94
118480548	2017-08-31	180	< LOD	68,15	21,32	13,61	< LOD	22,01	28,02	6,19	8,78	2,93	15,5	4,39	868320,44	3056,53	97,33	8,08	57,77	5,92	59,68	5,76	59,69	4,78	22,06	3,54	< LOD	11,22	< LOD	7,75
118480549	2017-08-31	180	< LOD	64,92	38,82	13,12	< LOD	20,67	17,35	5,57	7,09	2,7	16,42	4,2	900585,25	2311,75	76,25	7,16	48,99	5,39	59,58	5,44	48	4,09	27,37	3,67	20,59	7,97	< LOD	8,67
118480550	2017-08-31	180	204,24	54,1	< LOD	22	< LOD	23,62	12,53	6,15	< LOD	5,64	9,89	4,47	869548,94	2904,65	35,82	6,63	29,48	5,06	139,77	8,62	164,09	8,59	85,46	6,5	< LOD	12,5	< LOD	8,45
118480551	2017-08-31	180	184,71	46,76	< LOD	26,52	< LOD	20,86	< LOD	7,93	< LOD	3,78	< LOD	5,63	951067,5	1179,22	22,82	5,62	16,45	4,18	132,93	7,77	292,41	11,49	80,13	5,64	< LOD	9,99	< LOD	6,4
118480552	2017-08-31	180	< LOD	70,75	31,62	14,08	< LOD	28,11	21,14	6,12	8,3	2,97	12,98	4,38	889035,75	2650,1	70,82	7,54	51,79	5,77	150,15	8,95	147,45	8,07	74,62	6,12	21,17	9,14	< LOD	8,59
118480553	2017-08-31	180	< LOD	66,11	< LOD	25,79	< LOD	20,59	14,03	5,45	5,61	2,62	12,62	4,04	922157,13	1754,96	45,23	6,29	29,51	4,7	98,03	6,6	95,43	5,72	65,26	5,25	17,26	7,91	< LOD	8,33

Sample Échantillon	Se ppm	Se Error ppm	Pb ppm	Pb Error ppm	W ppm	W Error ppm	Zn ppm	Zn Error ppm	Cu ppm	Cu Error ppm	Ni ppm	Ni Error ppm	Co ppm	Co Error ppm	Fe ppm	Fe Error ppm	Mn ppm	Mn Error ppm	Cr ppm	Cr Error ppm	V ppm	V Error ppm	Ti ppm	Ti Error ppm	Ca ppm	Ca Error ppm	K ppm	K Error ppm	S ppm	S Error ppm	Au ppm	Au Error ppm
118480532	< LOD	10,67	43,72	12,16	263,36	102,34	135,63	26,55	122,78	41,59	< LOD	121,86	< LOD	279,94	44364,95	1372,13	918,06	155,25	305,93	34,11	192,95	87,8	2453,77	174,26	15407,63	650,02	13933,85	970,61	< LOD	8111,71	< LOD	19,36
118480533	< LOD	7,36	13,11	8,42	< LOD	186,05	284,89	32,4	94,81	35,98	< LOD	95,42	< LOD	411,48	135482,52	3281,1	1993,66	181,59	89,41	38,69	< LOD	155,93	2129,1	190,21	14784,81	719,01	18045,24	1262,02	< LOD	10910,81	< LOD	30,08
118480534	< LOD	5,73	14,16	8,39	< LOD	126,43	54,27	18,48	< LOD	75,4	< LOD	78,77	< LOD	406,47	141753,78	3420,41	1390,62	160,12	68,04	38,66	< LOD	245,3	1767,47	180,73	11978,11	662,02	16728,5	1227,66	14755,95	6944,25	< LOD	20,4
118480535	< LOD	8,42	24,95	8,42	< LOD	114,33	153,36	21,51	145,52	32,59	< LOD	62,34	< LOD	208,56	33468,75	925,73	302,73	94,54	116,35	21,26	< LOD	72,17	683,26	85,2	21490	655,67	4159,12	511,72	43235,84	7338,08	< LOD	26,24
118480536	< LOD	5,71	22,58	7,98	< LOD	148,84	302,11	28,17	167,32	32,74	< LOD	91,72	< LOD	209,83	34587,2	942,8	595,72	109,87	119,79	20,47	< LOD	76,82	1159,92	97,84	44253,87	1102,24	7258,95	603,19	71210,49	7952,11	< LOD	21,18
118480537	< LOD	4,94	25,18	9,27	< LOD	121,55	253,26	29,87	130,57	37,04	91,35	54,64	< LOD	398,65	143514,58	3310,83	15607,51	519,22	109,62	41,43	< LOD	253,68	1693,41	194,04	6440,24	501,81	11170,66	1016,79	< LOD	12113,19	< LOD	24,9
118480538	< LOD	4,57	17,06	7,67	< LOD	116,08	102,92	18,76	99,11	30,45	< LOD	110,07	< LOD	206,43	30806,9	869,68	311,07	94,41	106,56	20,03	< LOD	67,94	816,45	83,03	15457,19	515,71	2539,34	423,61	31554,92	6647,04	< LOD	17,99
118480539	< LOD	7,84	60,89	14,43	218,28	110,54	179,08	31,03	112,71	45,25	< LOD	161,29	< LOD	314,82	50284,28	1614,35	973,39	168,72	306,03	37,52	214,07	98,81	3177,24	205,82	17573,42	749,46	15330,42	1088,98	< LOD	13771,01	< LOD	20,06
118480540	< LOD	4,68	28,55	9,01	< LOD	182,76	148,79	22,57	132,61	34,34	< LOD	68,17	< LOD	209,46	30093,6	886,76	616,6	118,01	180,98	23,72	123,11	67,66	2465,45	144,25	12755,81	519,16	13187,54	825,37	< LOD	6262,34	< LOD	15,37
118480541	< LOD	4,09	28,25	8,54	< LOD	98,13	107,74	18,41	87,64	29,14	< LOD	61,14	< LOD	256,62	46867,77	1196,23	2353,46	185,85	96,44	23,28	117,46	76,42	2399,57	153,19	16937,75	633,89	22891,08	1084,69	< LOD	7188,12	< LOD	16,61
118480542	< LOD	6,85	21,27	8,58	140,92	84,16	207,86	25,97	116,35	33,25	< LOD	68,28	< LOD	189,06	23988,81	744,71	789,25	128,77	180,87	24,49	86,87	48,55	431,41	79,92	9323,02	401,3	1875,19	423,62	< LOD	10017,7	< LOD	28,84
118480543	< LOD	4,2	22,54	7,88	< LOD	119,95	67,76	16	74,94	28,04	< LOD	60,29	< LOD	203,23	32130,33	878,67	476,43	102,43	105,11	20,47	122,02	64,31	2317,31	134,75	14849,29	569,53	21203,31	996,87	17242,31	5089,02	< LOD	20,1
118480544	< LOD	4,57	16,63	7,36	< LOD	135,54	150,16	20,37	63,77	26,52	< LOD	57,75	< LOD	181,21	26829,46	746,09	436,59	97,67	120,99	18,69	< LOD	88,53	2398,39	128,29	12051,1	488,11	21621,81	941,98	< LOD	6539,34	< LOD	13,23
118480545	< LOD	7,19	38,29	10,5	< LOD	181,48	275,71	29,86	636,09	57,39	< LOD	116,98	< LOD	203,76	27244,21	829,93	556,81	117,66	268,73	27,04	201,39	65,5	1551,47	122,82	17921,81	625,63	10509,46	748,96	< LOD	6544,12	35,95	16,13
118480546	< LOD	9,33	65,87	14,28	< LOD	162,05	172,11	29,24	125,21	43,83	< LOD	89,91	< LOD	356,47	48724,63	1526,8	1087,23	170,9	303,98	37,74	189,98	99,42	3020,59	204,09	16683,96	733,48	14977,94	1102,15	< LOD	13192,78	< LOD	38,77
118480547	< LOD	4,5	17	7,2	< LOD	127,04	70,64	15,55	95,76	27,32	< LOD	54,78	< LOD	187,64	17533,51	536,11	193,86	80,82	108,56	16,32	70,04	33,03	367,17	55,09	11655,41	393,65	1851,86	323,52	22122,54	5033,81	< LOD	22,25
118480548	< LOD	5,56	16,02	8,25	137,22	86,84	177,23	25,36	166,53	37,64	< LOD	76,62	< LOD	339,87	41419,77	1183,92	615,7	122,72	130,47	23,82	< LOD	106,6	513,95	84,29	27613,3	821,04	2441,97	475,5	58008,59	8476,96	< LOD	30
118480549	< LOD	6,58	18,98	8,41	131,53	78,65	203,42	26,42	1501,51	86,21	79,06	47,98	< LOD	206,95	30370,48	881,39	292,11	96,18	131,84	21,3	98,97	45,07	809,71	80,87	31011,8	863,51	2419,45	429,39	31979,51	6444,21	< LOD	16,07
118480550	< LOD	5,23	25,96	8,99	< LOD	120,15	232,35	27,38	52,15	29,97	< LOD	68,59	< LOD	316,84	85657,05	2045,63	9614,09	390,17	78,22	32	< LOD	138,43	2038,68	171,33	9450,57	533,3	14324,64	1022,67	8063,54	5222,72	< LOD	17,34
118480551	< LOD	4,14	15,14	7,25	< LOD	105,06	54,42	14,93	40,53	26,01	< LOD	59,29	< LOD	149,05	16680,31	533,09	279,55	90,02	130,52	16,98	84,8	47,33	1428,6	95,85	12396,32	469,65	17078,61	808,4	< LOD	5708,43	< LOD	19,35
118480552	< LOD	9,07	25,14	9,38	< LOD	124,44	212,98	27,09	135,84	36,07	< LOD	73,49	< LOD	256,93	42802,69	1213,22	616,99	123,36	147,55	25,39	153,15	67,93	1682,97	130,11	21792,76	720,52	9882,79	773,76	32645,9	7008,46	< LOD	16,71
118480553	< LOD	4,93	27,46	8,57	< LOD	131,24	195,34	23,56	91,95	29,51	< LOD	62,75	< LOD	262,76	55976	1373,37	511,77	105,95	139,8	26,56	140,73	70,21	1618,04	130,91	7686,79	433,06	11072,04	827,41	< LOD	12671,22	< LOD	13,62

2016 – CERTIFICATES: Midland

2016 – DDH : Midland

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 23- OCT- 2016
Compte: MIDEXP

CERTIFICAT SD16170862

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 117 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- OCT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
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ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE SD16170862

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436001		3.14	<0.005		0.5	6.72	10	10	0.5	4	5.11	1.3	42	9	68	13.95
S436002		3.43	<0.005		<0.5	6.27	27	10	0.5	3	4.26	1.4	40	4	67	13.25
S436003		0.76	0.005		<0.5	6.36	39	100	0.5	<2	3.03	1.4	41	5	50	13.30
S436004		0.75	0.036		<0.5	7.01	483	540	0.9	<2	3.40	1.4	34	7	235	12.80
S436005		1.97	0.116		<0.5	5.47	9920	80	<0.5	<2	3.96	1.2	35	14	969	11.15
S436006		1.47	<0.005		<0.5	0.83	24	30	<0.5	<2	2.88	<0.5	1	40	37	1.54
S436007		1.83	0.314		<0.5	6.46	568	90	0.5	<2	1.55	0.6	15	15	202	9.12
S436008		1.15	<0.005		<0.5	7.90	<5	1280	1.0	<2	2.42	0.8	24	116	37	6.94
S436009		2.09	1.620		<0.5	5.70	4690	60	0.6	<2	3.20	1.1	12	14	129	9.47
S436010		1.53	0.005		<0.5	6.06	11	160	0.9	<2	3.35	0.6	12	20	12	9.64
S436011		2.21	0.005		<0.5	6.04	6	150	1.0	<2	3.42	0.8	12	11	36	9.92
S436012		2.09	0.005		<0.5	6.00	8	80	0.8	<2	2.09	0.6	12	11	21	8.53
S436013		2.16	0.005		<0.5	5.96	6	230	0.9	<2	3.57	0.7	11	12	9	8.91
S436014		2.06	0.014		<0.5	5.96	<5	160	1.1	<2	3.12	0.7	8	16	9	7.68
S436015		2.26	<0.005		0.5	6.27	<5	160	0.9	<2	2.64	0.5	11	11	19	8.74
S436016		1.49	<0.005		<0.5	5.91	<5	90	0.9	<2	3.02	0.6	12	7	14	8.81
S436017		1.28	1.030		0.7	5.80	<5	70	0.8	<2	2.21	<0.5	16	9	118	8.23
S436018		1.69	0.031		<0.5	5.84	<5	180	1.5	<2	3.05	0.6	10	12	3	7.77
S436019		2.24	<0.005		<0.5	6.00	<5	90	3.0	<2	5.35	0.7	6	14	6	7.32
S436020		2.14	0.020		<0.5	5.79	<5	150	0.9	<2	2.72	0.5	8	13	24	7.78
S436021		1.92	<0.005		<0.5	5.84	<5	140	1.1	<2	2.99	0.5	10	12	18	8.24
S436022		2.12	<0.005		<0.5	5.73	<5	110	0.9	<2	2.89	0.5	10	11	24	8.59
S436023		2.09	0.013		<0.5	5.92	<5	50	1.0	<2	2.46	0.6	15	14	31	9.01
S436024		1.55	<0.005		<0.5	6.21	<5	30	1.0	<2	3.34	0.6	11	19	55	8.75
S436025		2.52	<0.005		<0.5	7.49	<5	250	1.5	<2	2.13	<0.5	11	55	8	5.54
S436026		2.16	0.005		<0.5	7.91	<5	140	1.7	2	1.53	<0.5	9	48	35	5.56
S436027		2.15	<0.005		<0.5	5.90	<5	110	1.4	<2	2.71	<0.5	8	13	18	7.11
S436028		2.05	<0.005		<0.5	5.58	<5	120	1.2	<2	2.94	<0.5	5	11	16	6.80
S436029		1.64	<0.005		<0.5	5.89	<5	110	1.1	<2	2.13	<0.5	9	12	13	7.18
S436030		1.90	<0.005		<0.5	5.84	<5	70	1.6	<2	2.49	<0.5	9	18	48	7.17
S436031		0.11	4.19	4.18	0.7	6.92	32	590	0.8	<2	2.41	1.1	18	62	148	5.11
S436032		1.86	0.005		<0.5	5.18	<5	230	1.1	<2	2.71	<0.5	9	15	7	6.03
S436033		1.07	<0.005		<0.5	5.68	<5	90	14.1	<2	7.59	0.7	2	17	4	5.16
S436034		2.19	0.005		<0.5	5.98	<5	110	0.8	3	2.46	<0.5	8	18	41	7.04
S436035		1.60	0.006		<0.5	5.56	<5	110	1.0	4	2.12	<0.5	6	13	55	6.07
S436036		1.51	0.008		<0.5	5.53	<5	110	0.9	2	2.58	<0.5	6	9	24	6.85
S436037		2.15	<0.005		<0.5	5.46	<5	100	1.1	5	2.48	<0.5	10	10	24	7.23
S436038		2.19	<0.005		<0.5	5.65	<5	90	1.1	4	2.44	<0.5	10	11	23	7.53
S436039		1.73	0.018		<0.5	5.57	<5	100	1.0	<2	2.10	0.6	8	11	19	6.58
S436040		2.14	0.009		<0.5	5.58	<5	90	1.0	<2	2.61	<0.5	8	13	26	6.88

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170862

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436001		20	0.04	10	1.69	2140	<1	0.40	5	770	8	0.13	<5	51	185	<20
S436002		20	0.02	10	1.46	2110	<1	0.67	2	850	3	0.14	<5	47	132	<20
S436003		20	0.17	10	1.42	2000	<1	1.07	3	1550	<2	0.22	<5	41	64	<20
S436004		30	0.92	10	1.35	1775	1	1.00	1	1530	<2	1.77	<5	37	82	<20
S436005		10	0.30	10	0.77	1095	1	2.72	<1	2080	3	3.68	<5	25	74	<20
S436006		<10	0.19	<10	0.16	540	3	0.16	<1	150	<2	0.09	<5	4	24	<20
S436007		20	0.35	10	0.77	1165	1	2.96	<1	1130	2	1.40	<5	24	55	<20
S436008		20	2.41	30	2.18	930	1	2.11	56	940	16	0.10	<5	26	476	<20
S436009		20	0.14	10	0.32	1260	<1	2.92	<1	1040	4	2.03	<5	21	90	<20
S436010		20	0.30	10	0.26	1565	1	2.18	<1	1120	6	0.02	<5	25	208	<20
S436011		20	0.30	10	0.33	1775	<1	2.05	<1	1220	4	0.11	<5	23	201	<20
S436012		20	0.14	20	0.52	1255	1	2.50	<1	840	6	0.01	<5	22	103	<20
S436013		20	0.31	10	0.25	1480	<1	2.35	<1	850	5	0.01	<5	30	186	<20
S436014		20	0.30	10	0.17	1380	1	2.80	<1	710	2	0.01	<5	14	237	<20
S436015		20	0.23	20	0.24	1495	<1	2.95	<1	1020	4	0.04	<5	21	148	<20
S436016		20	0.12	10	0.20	1435	<1	2.46	<1	830	3	0.02	<5	23	131	<20
S436017		20	0.14	20	0.25	1305	<1	2.87	<1	800	<2	0.67	<5	21	65	<20
S436018		20	0.46	10	0.41	1695	1	2.03	<1	790	<2	0.01	<5	16	82	<20
S436019		30	0.17	10	0.30	2640	1	1.41	<1	660	3	0.01	<5	20	307	<20
S436020		20	0.26	10	0.23	1430	1	2.52	<1	730	<2	0.08	<5	23	188	<20
S436021		20	0.29	10	0.16	1480	<1	2.50	<1	800	4	0.02	<5	19	190	<20
S436022		20	0.23	10	0.20	1500	<1	2.27	<1	850	2	0.04	<5	17	168	<20
S436023		20	0.11	20	0.39	1440	1	2.25	1	850	2	0.03	<5	17	120	<20
S436024		20	0.06	20	0.38	1575	1	2.42	3	790	2	0.18	<5	20	123	<20
S436025		30	0.75	30	0.62	1010	1	3.57	18	210	<2	<0.01	<5	14	80	<20
S436026		30	0.31	30	0.77	889	1	4.29	13	250	<2	0.01	<5	15	99	<20
S436027		20	0.14	20	0.24	1280	1	2.55	1	890	3	0.04	<5	15	171	<20
S436028		20	0.18	10	0.13	1175	1	2.51	<1	430	3	0.03	<5	18	189	<20
S436029		20	0.14	20	0.22	1115	1	2.76	<1	440	<2	0.03	<5	17	147	<20
S436030		20	0.10	10	0.34	1280	2	2.44	<1	480	5	0.14	<5	20	130	<20
S436031		20	1.07	10	1.48	855	7	2.16	41	750	48	0.14	<5	16	271	<20
S436032		20	0.59	20	0.36	1345	1	1.54	<1	330	6	0.01	<5	15	114	<20
S436033		30	0.19	20	0.19	7360	3	0.11	1	390	5	0.01	<5	12	299	<20
S436034		20	0.17	20	0.25	1085	1	2.63	<1	460	7	0.13	<5	19	155	<20
S436035		20	0.14	20	0.15	1050	1	2.97	<1	430	5	0.17	<5	20	107	<20
S436036		20	0.16	10	0.10	1130	1	2.53	<1	500	5	0.07	<5	18	167	<20
S436037		20	0.15	20	0.11	1185	2	2.57	<1	570	6	0.04	<5	18	150	<20
S436038		20	0.13	20	0.10	1220	2	2.77	<1	540	3	0.05	<5	17	124	<20
S436039		20	0.15	10	0.09	1110	1	2.92	<1	410	2	0.04	<5	18	119	<20
S436040		20	0.12	20	0.08	1150	1	2.75	<1	430	<2	0.03	<5	16	135	<20

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CERTIFICAT D'ANALYSE SD16170862

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436001		1.16	<10	<10	215	<10	132
S436002		1.09	<10	<10	167	<10	154
S436003		1.00	<10	<10	86	<10	172
S436004		0.83	<10	<10	63	<10	153
S436005		0.55	10	<10	21	10	46
S436006		0.05	<10	<10	14	<10	10
S436007		0.47	<10	<10	22	<10	70
S436008		0.56	<10	10	161	<10	119
S436009		0.53	<10	<10	1	<10	59
S436010		0.54	<10	<10	<1	<10	94
S436011		0.54	<10	<10	<1	<10	105
S436012		0.46	10	<10	<1	<10	114
S436013		0.55	<10	<10	<1	<10	101
S436014		0.39	<10	<10	2	<10	89
S436015		0.48	<10	<10	2	<10	102
S436016		0.47	<10	<10	<1	<10	106
S436017		0.41	<10	<10	<1	<10	80
S436018		0.41	<10	<10	<1	<10	105
S436019		0.38	<10	<10	<1	50	98
S436020		0.41	<10	<10	<1	<10	90
S436021		0.39	<10	10	<1	<10	99
S436022		0.37	<10	<10	<1	<10	83
S436023		0.38	<10	<10	<1	<10	120
S436024		0.43	<10	<10	5	<10	116
S436025		0.38	<10	<10	48	<10	83
S436026		0.43	<10	<10	41	<10	86
S436027		0.35	<10	<10	3	<10	88
S436028		0.35	<10	<10	<1	<10	86
S436029		0.32	<10	<10	<1	<10	84
S436030		0.34	<10	<10	<1	<10	115
S436031		0.36	<10	<10	140	30	285
S436032		0.25	<10	<10	<1	<10	86
S436033		0.21	<10	<10	<1	<10	171
S436034		0.31	<10	<10	<1	<10	85
S436035		0.31	<10	<10	<1	<10	68
S436036		0.33	<10	<10	<1	<10	85
S436037		0.32	<10	<10	<1	<10	86
S436038		0.34	<10	<10	<1	<10	82
S436039		0.33	<10	<10	<1	<10	67
S436040		0.31	<10	<10	<1	<10	79

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436041		2.36	0.013		<0.5	5.27	<5	90	0.9	2	1.96	<0.5	7	13	27	5.58
S436042		2.04	<0.005		0.5	5.21	<5	100	1.0	<2	2.02	<0.5	5	13	25	5.42
S436043		2.39	0.008		<0.5	5.79	<5	50	1.0	3	2.01	1.4	7	18	23	5.56
S436044		1.72	0.009		0.6	6.15	<5	50	0.6	<2	1.44	<0.5	11	16	25	7.01
S436045		2.76	0.013		0.6	5.38	<5	50	3.1	<2	3.24	0.6	6	23	49	4.70
S436046		1.63	<0.005		0.6	5.83	10	50	1.3	<2	1.71	0.5	6	15	17	5.54
S436047		2.07	0.009		0.6	5.87	<5	50	0.9	2	1.62	<0.5	6	23	40	5.69
S436048		2.05	<0.005		0.7	6.09	<5	50	0.9	3	0.85	0.8	10	15	36	6.39
S436049		1.04	0.005		0.7	5.56	<5	40	0.8	<2	0.67	<0.5	9	23	4	7.33
S436050		1.33	0.012		0.6	6.31	8	70	2.4	2	1.47	<0.5	6	18	11	5.80
S436051		1.99	<0.005		0.5	8.14	8	720	1.6	4	0.48	<0.5	16	65	22	5.12
S436052		1.88	<0.005		0.7	8.59	11	910	2.0	2	0.56	<0.5	23	74	27	4.37
S436053		1.13	0.005		0.9	6.60	<5	210	1.5	<2	0.55	<0.5	8	26	30	3.70
S436054		3.08	<0.005		0.6	8.07	13	780	1.8	4	0.45	<0.5	20	65	31	4.48
S436055		3.59	<0.005		0.5	8.39	5	770	1.8	2	0.66	<0.5	17	69	25	4.63
S436056		3.31	<0.005		0.5	8.29	<5	620	1.7	<2	0.59	<0.5	16	64	24	4.43
S436057		1.71	<0.005		<0.5	7.10	<5	160	0.7	<2	4.14	0.7	30	23	40	7.08
S436058		3.31	<0.005		<0.5	6.54	<5	60	<0.5	<2	5.13	1.1	38	9	125	8.44
S436059		3.60	<0.005		<0.5	7.05	5	50	0.5	2	5.99	1.1	47	9	92	9.81
S436060		1.06	0.005		0.5	7.56	<5	900	1.4	<2	2.96	0.8	22	92	72	5.21
S436061		2.44	<0.005		<0.5	6.39	<5	90	<0.5	3	5.82	1.2	41	12	42	9.42
S436062		1.13	0.010		0.7	6.11	<5	50	<0.5	4	6.68	1.4	40	13	446	7.69
S436063		2.71	<0.005		<0.5	6.62	<5	60	<0.5	7	6.21	1.2	41	13	239	8.85
S436064		3.70	0.005		<0.5	6.76	<5	70	<0.5	<2	5.79	1.0	42	8	127	9.79
S436065		2.43	<0.005		0.5	6.58	<5	30	<0.5	8	5.73	1.1	52	7	105	12.20
S436066		2.42	0.005		<0.5	6.34	<5	10	0.6	7	5.16	1.4	39	12	84	10.05
S436067		3.26	<0.005		0.5	7.46	<5	70	1.0	<2	3.06	0.5	20	41	63	7.08
S436068		2.56	<0.005		<0.5	8.74	<5	680	2.1	2	0.62	<0.5	13	69	27	5.12
S436069		3.57	0.007		<0.5	8.66	<5	700	1.9	5	0.55	<0.5	13	68	30	5.46
S436070		3.09	0.018		0.5	8.71	<5	690	2.0	4	0.44	<0.5	13	69	25	5.29
S436071		2.30	0.005		0.6	8.38	<5	740	1.9	2	0.51	<0.5	17	74	24	4.63
S436072		2.43	<0.005		0.7	8.46	8	770	1.9	4	0.50	2.0	16	67	33	5.06
S436073		1.91	0.006		<0.5	9.18	5	790	2.0	5	0.50	0.8	17	69	25	5.43
S436074		2.66	0.010		<0.5	6.19	<5	10	0.5	2	5.71	1.3	46	6	65	12.55
S436075		2.02	<0.005		<0.5	6.06	12	10	<0.5	5	5.28	1.1	45	8	54	12.35
S436076		2.01	<0.005		<0.5	6.17	19	10	0.5	6	4.30	1.0	46	5	62	12.70
S436077		1.97	0.173		<0.5	5.63	27	10	<0.5	4	6.23	1.0	39	5	63	11.70
S436078		1.49	0.073		<0.5	6.87	35	190	<0.5	3	2.57	1.0	44	3	97	14.35
S436079		1.51	0.433		<0.5	2.82	9120	30	<0.5	7	2.99	0.5	32	25	210	6.88
S436080		2.28	3.30	4.01	0.9	5.73	1750	90	0.5	4	2.23	0.5	18	9	306	9.26

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Finalisée date: 23- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170862

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436041		20	0.14	10	0.07	940	1	2.99	<1	290	<2	0.04	<5	11	112	<20
S436042		20	0.12	10	0.08	945	<1	2.87	<1	250	2	0.03	<5	10	133	<20
S436043		20	0.07	20	0.24	890	1	2.80	<1	260	5	0.05	<5	16	111	<20
S436044		20	0.06	30	0.46	928	1	2.79	<1	450	6	0.19	<5	15	132	<20
S436045		20	0.07	20	0.23	2610	2	2.52	<1	200	3	0.47	<5	11	155	<20
S436046		20	0.10	20	0.20	1015	1	2.93	<1	210	<2	0.04	<5	13	161	<20
S436047		20	0.09	20	0.25	937	2	2.88	<1	210	2	0.07	<5	15	165	<20
S436048		20	0.10	30	0.41	991	2	3.19	<1	260	22	0.33	<5	14	128	<20
S436049		20	0.09	50	0.54	1215	4	2.44	1	240	4	0.02	<5	13	89	<20
S436050		20	0.20	20	0.48	1460	2	2.89	<1	200	<2	0.08	<5	13	163	<20
S436051		20	3.04	40	0.98	1200	<1	1.54	31	360	6	0.01	<5	11	51	20
S436052		20	4.00	40	1.17	1395	<1	0.97	37	340	<2	<0.01	<5	11	40	<20
S436053		20	0.81	40	0.48	1245	1	3.44	5	180	29	0.05	<5	9	180	<20
S436054		20	3.55	30	1.09	1345	1	1.31	37	300	15	0.01	<5	10	55	<20
S436055		20	3.60	40	1.07	1205	<1	1.27	33	320	17	<0.01	<5	10	66	<20
S436056		20	2.62	40	1.03	990	<1	2.60	30	320	2	0.04	<5	10	95	<20
S436057		20	0.64	20	2.00	1915	2	2.34	34	390	20	0.01	<5	30	187	<20
S436058		20	0.23	10	2.88	1915	<1	1.13	40	410	57	0.02	<5	38	309	<20
S436059		10	0.21	<10	3.61	1815	<1	1.76	52	350	11	0.02	<5	49	413	<20
S436060		20	1.57	20	1.79	539	1	2.40	49	1110	14	0.16	<5	13	574	<20
S436061		10	0.34	<10	3.58	1790	1	1.66	49	290	2	0.01	<5	45	388	<20
S436062		20	0.15	<10	2.57	1335	1	1.46	59	320	163	0.18	<5	31	544	<20
S436063		20	0.24	<10	3.28	1520	1	1.53	46	300	35	0.04	<5	42	530	<20
S436064		20	0.28	<10	3.74	1705	<1	1.86	50	270	8	0.06	<5	44	441	<20
S436065		20	0.10	<10	2.76	2060	<1	0.56	30	450	6	0.15	5	48	534	<20
S436066		20	0.03	<10	2.13	1980	1	0.69	23	500	9	0.02	<5	37	559	<20
S436067		20	0.25	20	0.94	1360	1	2.97	18	660	5	0.12	<5	17	454	<20
S436068		30	3.27	40	0.98	1005	1	2.01	33	400	4	0.03	<5	11	86	<20
S436069		30	3.51	40	1.05	1020	1	1.45	32	390	6	0.01	<5	11	68	<20
S436070		30	3.81	40	1.01	1155	1	1.11	33	380	12	0.01	<5	11	60	<20
S436071		20	3.74	30	1.06	1380	1	1.13	35	350	5	0.01	<5	11	66	<20
S436072		20	3.94	40	1.00	876	1	0.89	31	360	11	0.16	<5	11	56	<20
S436073		20	3.95	40	1.07	923	1	1.25	32	390	5	0.14	<5	12	72	20
S436074		20	0.03	<10	1.62	2050	1	0.16	4	600	4	0.10	<5	46	188	<20
S436075		20	0.02	<10	1.55	1940	1	0.55	6	670	2	0.13	<5	45	158	<20
S436076		20	0.01	10	1.49	1980	1	0.72	6	630	4	0.13	<5	47	133	<20
S436077		20	0.02	10	1.29	2100	1	1.19	3	830	2	0.28	<5	41	82	<20
S436078		20	0.33	10	1.67	2150	1	1.32	3	1270	<2	0.72	<5	49	41	<20
S436079		10	0.11	10	0.87	1000	2	0.73	2	480	4	1.43	<5	24	30	<20
S436080		20	0.25	10	0.47	1060	1	2.92	<1	1460	3	2.52	<5	28	69	<20

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170862

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436041		0.26	<10	<10	<1	<10	62
S436042		0.21	<10	<10	<1	<10	61
S436043		0.31	<10	<10	<1	<10	123
S436044		0.26	<10	<10	2	<10	95
S436045		0.21	<10	<10	1	<10	81
S436046		0.22	<10	<10	<1	<10	54
S436047		0.21	<10	<10	<1	<10	55
S436048		0.26	<10	<10	1	<10	142
S436049		0.23	<10	<10	<1	<10	83
S436050		0.21	<10	<10	3	<10	73
S436051		0.38	<10	<10	60	<10	73
S436052		0.41	<10	<10	72	<10	67
S436053		0.19	<10	<10	12	<10	72
S436054		0.37	<10	<10	69	<10	81
S436055		0.40	<10	<10	64	<10	71
S436056		0.39	<10	<10	62	<10	66
S436057		0.48	<10	<10	176	<10	105
S436058		0.50	<10	<10	241	<10	105
S436059		0.62	<10	<10	364	<10	96
S436060		0.48	<10	<10	134	<10	93
S436061		0.54	<10	<10	344	<10	87
S436062		0.49	<10	<10	270	<10	69
S436063		0.53	<10	<10	322	<10	76
S436064		0.56	<10	<10	358	<10	78
S436065		0.86	<10	<10	511	<10	130
S436066		0.73	<10	<10	339	<10	141
S436067		0.47	<10	<10	42	<10	88
S436068		0.41	<10	<10	68	<10	60
S436069		0.40	<10	<10	64	<10	58
S436070		0.39	<10	<10	63	<10	87
S436071		0.39	10	<10	67	<10	70
S436072		0.38	<10	<10	57	<10	286
S436073		0.41	<10	<10	58	<10	162
S436074		1.05	<10	<10	206	<10	136
S436075		1.01	<10	<10	185	<10	119
S436076		1.11	<10	<10	179	<10	126
S436077		1.01	<10	<10	149	<10	151
S436078		1.21	<10	<10	181	<10	162
S436079		0.54	<10	<10	76	<10	52
S436080		0.57	<10	<10	6	<10	47

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CERTIFICAT D'ANALYSE SD16170862

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436081		2.10	0.150		1.6	5.82	21	70	0.7	8	3.44	0.7	16	9	37	10.05
S436082		0.11	3.91	4.06	0.6	7.06	30	610	0.8	3	2.55	1.3	18	64	148	5.33
S436083		2.92	0.006		0.6	6.26	10	90	0.8	5	3.39	0.7	22	7	51	11.80
S436084		3.02	0.007		<0.5	6.06	6	200	0.8	6	4.06	0.5	19	8	30	10.85
S436085		3.23	<0.005		<0.5	6.14	5	230	0.8	4	4.23	0.7	25	10	41	11.00
S436086		3.09	0.005		<0.5	6.25	6	170	0.8	5	3.59	0.5	22	7	32	10.50
S436087		3.19	0.005		0.5	6.06	10	110	1.0	2	3.87	<0.5	15	13	30	7.92
S436088		3.51	<0.005		<0.5	6.58	<5	50	1.3	<2	2.60	<0.5	15	12	22	9.38
S436089		3.14	<0.005		0.5	6.02	5	40	0.7	4	1.26	<0.5	14	10	13	7.19
S436090		3.22	<0.005		<0.5	5.70	<5	40	0.9	<2	2.65	<0.5	10	16	8	6.63
S436091		3.16	0.051		<0.5	5.39	<5	120	1.0	<2	2.53	<0.5	6	14	18	6.20
S436092		2.21	0.008		<0.5	5.29	<5	110	1.0	<2	2.66	0.7	6	19	13	5.98
S436093		2.11	<0.005		<0.5	5.77	<5	80	0.9	3	3.33	0.6	9	16	23	8.19
S436094		1.45	0.305		<0.5	5.79	<5	40	0.7	5	3.00	<0.5	10	12	57	8.48
S436095		2.75	<0.005		<0.5	5.60	<5	60	0.9	5	3.10	<0.5	11	10	16	7.86
S436096		3.45	<0.005		<0.5	5.81	<5	120	0.9	5	3.20	<0.5	10	12	14	7.89
S436097		2.59	<0.005		<0.5	5.68	<5	60	0.8	<2	3.14	<0.5	10	12	10	7.98
S436098		1.61	<0.005		<0.5	5.93	<5	70	0.8	2	3.64	<0.5	11	9	24	8.54
S436099		2.04	0.017		<0.5	5.66	<5	40	0.8	3	3.05	<0.5	16	8	54	11.55
S436100		1.25	<0.005		<0.5	7.92	<5	1500	1.0	<2	2.59	0.7	25	103	61	5.76
S436101		1.54	<0.005		<0.5	5.64	<5	100	0.8	2	2.83	0.5	15	10	35	9.39
S436102		3.07	0.046		<0.5	5.66	<5	100	0.8	<2	3.13	<0.5	15	11	24	9.24
S436103		3.03	<0.005		<0.5	6.01	<5	100	0.8	2	2.75	<0.5	17	9	17	9.91
S436104		3.28	<0.005		<0.5	5.57	<5	70	1.7	2	3.15	0.5	12	13	16	7.85
S436105		3.06	<0.005		<0.5	6.12	8	120	0.9	5	3.21	<0.5	13	19	17	8.83
S436106		2.10	0.006		<0.5	5.74	7	140	0.9	5	3.61	<0.5	14	13	21	9.19
S436107		2.26	0.030		<0.5	5.67	112	160	0.8	2	3.54	0.5	10	12	31	8.53
S436108		3.25	<0.005		<0.5	5.65	<5	80	0.9	<2	3.08	0.6	11	10	27	8.19
S436109		3.39	0.010		<0.5	5.69	<5	60	0.8	<2	3.34	<0.5	11	10	28	8.42
S436110		2.24	<0.005		<0.5	5.71	<5	50	0.8	<2	3.46	0.7	13	13	22	8.76
S436111		3.32	<0.005		<0.5	5.66	<5	40	0.7	3	2.61	0.7	15	12	20	8.71
S436112		3.56	<0.005		<0.5	5.55	<5	70	0.7	2	2.73	0.5	11	15	15	8.14
S436113		3.36	0.006		<0.5	5.62	<5	110	0.9	2	3.38	0.5	8	14	15	8.14
S436114		2.12	<0.005		<0.5	5.60	<5	100	0.8	5	3.23	0.7	14	11	36	8.91
S436115		2.10	<0.005		<0.5	5.71	<5	50	0.7	5	3.96	1.0	16	11	31	9.12
S436116		1.86	0.025		<0.5	6.02	<5	60	0.5	3	3.01	0.7	12	17	46	8.96
S436117		2.47	0.011		<0.5	5.45	<5	60	2.1	3	3.30	0.6	10	24	1	7.57

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436081		20	0.15	10	0.41	1670	1	1.97	<1	1510	5	0.14	<5	28	133	<20
S436082		20	1.14	10	1.54	871	8	2.26	43	790	46	0.15	8	16	280	<20
S436083		20	0.20	10	0.82	2020	<1	1.67	<1	1780	6	0.12	<5	30	141	<20
S436084		20	0.42	10	0.45	1850	1	2.04	<1	1750	2	0.08	<5	30	197	<20
S436085		20	0.44	10	0.48	1820	1	1.99	<1	1850	4	0.09	<5	31	198	<20
S436086		20	0.30	10	0.49	1750	1	2.21	<1	1860	<2	0.06	<5	32	150	<20
S436087		30	0.35	20	0.41	1495	6	1.77	<1	730	3	0.12	<5	20	115	<20
S436088		30	0.12	30	0.67	1660	12	1.97	<1	410	4	0.03	<5	17	112	<20
S436089		20	0.09	20	0.49	994	1	2.79	<1	370	4	0.02	<5	17	73	<20
S436090		20	0.11	20	0.31	1175	1	2.47	<1	340	2	0.02	<5	14	152	<20
S436091		20	0.28	10	0.08	1010	1	3.00	<1	280	<2	0.07	<5	13	133	<20
S436092		20	0.29	10	0.08	946	1	2.77	<1	290	4	0.04	<5	14	148	<20
S436093		20	0.20	10	0.17	1315	1	2.29	<1	760	<2	0.02	<5	22	129	<20
S436094		20	0.11	10	0.18	1395	1	2.63	<1	880	2	0.25	<5	21	64	<20
S436095		20	0.13	10	0.17	1330	1	2.59	<1	780	<2	0.05	<5	21	84	<20
S436096		20	0.24	10	0.19	1340	1	2.53	<1	790	<2	0.04	<5	23	138	<20
S436097		20	0.12	10	0.21	1385	1	2.48	<1	820	<2	0.03	<5	22	99	<20
S436098		20	0.14	10	0.18	1540	1	2.65	<1	910	3	0.04	<5	25	108	<20
S436099		20	0.09	10	0.25	1855	2	1.90	<1	1120	<2	0.22	<5	22	55	<20
S436100		20	2.05	20	1.91	614	2	2.32	62	940	12	0.15	<5	18	576	<20
S436101		20	0.26	10	0.19	1650	1	2.32	<1	950	<2	0.12	<5	18	115	<20
S436102		20	0.27	10	0.20	1540	2	2.24	<1	990	2	0.10	<5	19	126	<20
S436103		20	0.30	10	0.44	1690	1	2.16	<1	1170	4	0.05	<5	25	137	<20
S436104		20	0.22	10	0.38	1735	1	1.85	<1	820	2	0.05	<5	23	196	<20
S436105		20	0.36	20	0.35	1645	2	2.25	3	1090	5	0.04	<5	21	205	<20
S436106		20	0.42	10	0.25	1675	2	1.85	<1	980	6	0.11	<5	23	207	<20
S436107		20	0.36	10	0.20	1380	1	2.26	<1	930	<2	0.16	<5	24	181	<20
S436108		20	0.21	10	0.25	1435	1	2.50	<1	940	3	0.08	<5	27	112	<20
S436109		20	0.20	10	0.24	1410	2	2.24	3	990	9	0.07	<5	27	145	<20
S436110		20	0.12	10	0.27	1465	<1	2.33	<1	1050	3	0.05	<5	26	105	<20
S436111		20	0.09	10	0.39	1365	1	2.16	<1	1060	4	<0.01	<5	27	90	<20
S436112		20	0.21	10	0.30	1405	1	2.18	1	970	3	0.03	<5	25	133	<20
S436113		20	0.23	10	0.22	1500	<1	2.25	<1	760	4	0.07	<5	18	192	<20
S436114		20	0.26	10	0.33	1545	1	2.12	<1	1280	4	0.08	<5	27	192	<20
S436115		20	0.10	10	0.47	1590	1	2.03	<1	1320	3	0.07	<5	28	150	<20
S436116		20	0.08	10	0.49	1735	1	2.71	2	1060	4	0.38	<5	27	86	<20
S436117		20	0.16	20	0.54	2230	1	1.73	3	960	2	0.01	<5	24	109	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 23- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170862

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436081		0.58	<10	<10	4	<10	95
S436082		0.38	<10	<10	144	30	295
S436083		0.64	<10	<10	2	<10	116
S436084		0.61	<10	<10	1	<10	99
S436085		0.63	<10	<10	2	<10	100
S436086		0.67	<10	<10	5	<10	99
S436087		0.37	<10	<10	2	<10	88
S436088		0.28	<10	<10	1	<10	133
S436089		0.31	<10	<10	<1	<10	95
S436090		0.32	<10	<10	<1	<10	74
S436091		0.23	<10	<10	<1	<10	66
S436092		0.28	<10	<10	<1	<10	100
S436093		0.42	<10	<10	<1	<10	89
S436094		0.42	<10	<10	<1	<10	93
S436095		0.41	<10	<10	<1	<10	86
S436096		0.42	<10	<10	<1	<10	87
S436097		0.43	<10	<10	<1	<10	83
S436098		0.48	<10	<10	<1	<10	86
S436099		0.40	<10	<10	<1	<10	120
S436100		0.56	<10	<10	154	<10	106
S436101		0.41	<10	<10	<1	<10	99
S436102		0.42	<10	<10	<1	<10	91
S436103		0.56	<10	<10	<1	<10	104
S436104		0.41	<10	<10	<1	<10	69
S436105		0.45	10	<10	7	<10	76
S436106		0.45	<10	<10	<1	<10	85
S436107		0.47	<10	<10	<1	<10	82
S436108		0.45	<10	<10	<1	<10	85
S436109		0.50	<10	<10	<1	<10	89
S436110		0.49	<10	<10	<1	<10	90
S436111		0.48	<10	<10	<1	<10	88
S436112		0.45	<10	<10	2	<10	74
S436113		0.38	<10	<10	1	<10	74
S436114		0.54	<10	<10	<1	<10	71
S436115		0.54	<10	<10	<1	<10	78
S436116		0.50	<10	<10	5	<10	88
S436117		0.48	<10	<10	13	<10	103

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Finalisée date: 23- OCT- 2016
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CERTIFICAT D'ANALYSE SD16170862

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:		
	Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 25- OCT- 2016
Compte: MIDEXP

CERTIFICAT SD16170890

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 132 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- OCT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

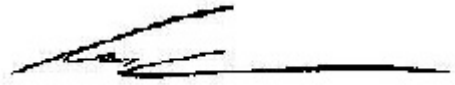
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 25- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170890

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436118		1.53	<0.005		<0.5	4.61	<5	100	0.6	<2	4.85	<0.5	9	39	22	7.72
S436119		3.22	<0.005		<0.5	5.95	7	100	1.0	<2	1.39	<0.5	16	19	45	7.37
S436120		2.19	0.016		<0.5	5.98	<5	80	0.8	2	2.20	<0.5	4	15	19	5.38
S436121		0.99	0.146		<0.5	6.23	<5	120	0.7	2	1.59	2.0	8	16	94	6.58
S436122		2.32	0.067		<0.5	5.71	<5	100	0.6	<2	1.91	<0.5	7	21	96	6.68
S436123		1.65	<0.005		<0.5	6.38	<5	70	0.7	4	2.34	<0.5	6	17	50	6.08
S436124		1.42	0.081		<0.5	5.99	<5	80	0.9	2	2.30	<0.5	6	21	73	6.00
S436125		2.21	0.084		<0.5	5.55	<5	110	1.5	<2	2.62	<0.5	7	23	34	6.13
S436126		1.89	<0.005		<0.5	6.26	<5	100	0.6	<2	1.80	<0.5	9	22	120	6.65
S436127		1.05	<0.005		<0.5	8.55	<5	1480	1.3	<2	2.76	<0.5	21	106	36	5.47
S436128		1.39	0.012		<0.5	6.30	<5	100	0.5	<2	1.58	<0.5	10	18	150	6.39
S436129		3.00	<0.005		<0.5	6.01	<5	80	0.6	<2	1.58	<0.5	8	19	17	6.91
S436130		1.04	<0.005		<0.5	6.19	<5	90	0.5	<2	0.91	<0.5	7	15	32	6.43
S436131		1.42	0.009		<0.5	6.55	<5	190	10.9	<2	5.03	<0.5	3	12	5	5.77
S436132		1.53	0.016		<0.5	4.51	113	40	<0.5	<2	0.79	<0.5	7	23	64	3.96
S436133		1.91	0.327		<0.5	5.70	9	60	0.6	<2	1.57	<0.5	8	23	87	5.03
S436134		3.42	0.011		<0.5	5.77	<5	70	1.0	<2	1.81	<0.5	7	13	28	6.62
S436135		1.73	0.397		<0.5	5.98	45	60	1.4	<2	0.89	<0.5	10	16	101	6.53
S436136		1.54	<0.005		<0.5	5.83	7	30	0.7	3	1.56	<0.5	10	12	11	6.43
S436137		2.11	<0.005		<0.5	6.15	5	80	0.6	<2	1.15	<0.5	10	19	20	5.96
S436138		2.20	0.498		<0.5	5.97	<5	90	0.8	<2	1.83	<0.5	6	13	40	5.69
S436139		2.10	0.459		<0.5	5.43	<5	70	0.7	<2	2.94	<0.5	2	16	14	4.74
S436140		2.84	0.114		<0.5	5.95	<5	60	0.7	<2	1.26	<0.5	6	13	62	5.88
S436141		1.52	0.315		<0.5	5.66	<5	110	0.7	<2	1.94	<0.5	3	13	32	5.35
S436142		0.98	1.340		<0.5	5.58	<5	80	0.7	<2	1.77	<0.5	8	17	131	6.10
S436143		1.10	<0.005		<0.5	7.94	<5	1310	0.9	<2	2.58	<0.5	25	118	32	7.34
S436144		1.35	0.053		<0.5	5.73	<5	50	1.1	<2	3.08	<0.5	2	31	18	4.32
S436145		1.17	1.125		<0.5	6.58	<5	60	0.9	<2	1.17	<0.5	6	14	88	6.29
S436146		1.50	<0.005		<0.5	5.15	<5	30	0.9	<2	4.00	<0.5	2	15	6	4.15
S436147		1.54	0.169		<0.5	5.71	<5	90	3.6	<2	2.18	<0.5	5	15	75	5.52
S436148		1.56	2.28		<0.5	5.83	<5	180	1.0	<2	1.64	<0.5	5	13	102	5.83
S436149		2.56	0.032		<0.5	5.65	<5	130	1.0	2	2.13	<0.5	4	13	30	5.27
S436150		2.30	<0.005		<0.5	5.62	<5	120	1.2	<2	2.29	<0.5	3	11	19	5.22
S436151		1.07	1.900		<0.5	5.55	<5	160	0.9	3	1.98	<0.5	4	20	69	5.61
S436152		2.36	0.016		<0.5	5.60	<5	150	1.1	<2	1.82	<0.5	2	24	22	5.56
S436153		3.25	0.049		<0.5	5.52	<5	80	0.6	<2	1.68	<0.5	4	30	29	5.54
S436154		0.96	<0.005		<0.5	5.57	<5	70	0.7	<2	1.37	<0.5	3	33	8	5.29
S436155		1.76	0.151		<0.5	5.57	<5	140	1.0	<2	1.57	<0.5	6	23	59	5.27
S436156		2.35	<0.005		<0.5	5.83	<5	90	1.3	<2	1.43	<0.5	7	22	20	5.60
S436157		2.53	0.468		<0.5	5.75	<5	100	1.0	<2	1.90	<0.5	5	24	41	5.24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 25- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170890

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436118		20	0.31	10	0.49	1675	2	1.27	2	440	<2	0.15	<5	21	74	<20
S436119		20	0.22	20	0.65	1365	3	2.50	6	380	<2	0.09	<5	16	70	<20
S436120		20	0.13	20	0.21	1180	2	3.36	<1	270	2	0.14	<5	15	102	<20
S436121		20	0.17	20	0.22	1085	<1	3.45	1	400	6	0.71	<5	14	93	<20
S436122		20	0.14	20	0.24	1040	1	3.13	1	350	2	0.96	<5	17	95	<20
S436123		20	0.11	20	0.23	1025	1	3.60	<1	320	2	0.32	<5	13	106	<20
S436124		20	0.11	20	0.18	987	1	3.40	<1	300	4	0.44	<5	16	98	<20
S436125		20	0.16	20	0.12	1190	2	2.88	<1	260	3	0.21	<5	14	123	<20
S436126		20	0.21	20	0.33	802	1	3.44	<1	340	9	0.98	7	17	90	<20
S436127		20	2.15	30	1.90	602	<1	2.56	54	980	14	0.08	<5	17	604	<20
S436128		20	0.18	30	0.26	642	1	3.76	<1	350	3	1.08	<5	17	92	<20
S436129		20	0.16	20	0.38	942	1	2.81	<1	400	2	0.14	5	21	100	<20
S436130		20	0.18	20	0.40	946	1	3.20	1	340	2	0.24	<5	14	77	<20
S436131		20	0.49	10	0.28	3920	1	2.37	<1	250	3	0.03	<5	12	129	<20
S436132		10	0.09	10	0.20	578	1	2.74	2	190	12	0.33	<5	10	47	<20
S436133		10	0.10	30	0.21	830	1	3.48	2	260	2	0.66	<5	13	80	<20
S436134		20	0.09	20	0.15	1130	1	2.78	<1	310	<2	0.06	<5	13	136	<20
S436135		20	0.09	30	0.27	797	1	3.33	1	300	6	0.74	<5	12	90	<20
S436136		20	0.04	30	0.41	1105	4	2.97	3	350	4	0.07	<5	12	63	<20
S436137		20	0.17	50	0.37	991	2	3.16	2	280	5	0.09	<5	15	84	<20
S436138		20	0.19	20	0.20	920	1	3.09	1	230	2	0.25	<5	14	111	<20
S436139		20	0.18	20	0.21	1015	1	2.95	1	210	<2	0.16	<5	12	96	<20
S436140		20	0.11	20	0.24	872	<1	3.31	<1	230	<2	0.44	<5	14	84	<20
S436141		20	0.17	10	0.09	954	1	3.08	<1	230	3	0.26	<5	13	122	<20
S436142		20	0.18	20	0.19	792	1	3.22	<1	250	<2	1.02	<5	14	90	<20
S436143		20	2.07	30	2.23	1000	1	2.09	55	1040	13	0.07	<5	31	471	<20
S436144		20	0.09	20	0.12	1020	2	3.09	<1	130	<2	0.17	<5	10	238	<20
S436145		20	0.09	20	0.18	849	1	3.88	1	310	<2	0.90	<5	15	102	<20
S436146		10	0.04	20	0.17	1315	2	3.07	<1	240	4	0.06	<5	12	111	<20
S436147		20	0.16	20	0.13	1110	2	3.15	4	240	3	0.66	<5	12	106	<20
S436148		20	0.37	10	0.12	821	1	3.13	<1	270	<2	0.79	<5	11	99	<20
S436149		20	0.27	20	0.16	919	3	2.78	<1	200	<2	0.15	<5	12	113	<20
S436150		20	0.16	20	0.09	969	1	2.87	<1	210	<2	0.02	<5	12	148	<20
S436151		20	0.23	10	0.08	930	1	3.01	2	230	4	0.54	<5	10	114	<20
S436152		20	0.20	20	0.07	1090	1	2.96	1	240	3	0.14	<5	12	161	<20
S436153		20	0.09	20	0.19	1010	2	2.83	<1	240	4	0.27	<5	12	123	<20
S436154		20	0.13	20	0.25	1050	2	3.00	<1	210	4	0.07	<5	12	80	<20
S436155		20	0.29	20	0.18	948	1	2.93	<1	200	16	0.53	<5	13	110	<20
S436156		20	0.15	20	0.33	1035	2	2.79	1	220	3	0.04	<5	13	113	<20
S436157		20	0.15	20	0.16	895	1	3.11	<1	210	5	0.32	<5	12	148	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 25- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170890

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436118		0.23	<10	<10	6	<10	87
S436119		0.25	<10	<10	3	<10	110
S436120		0.26	<10	<10	2	<10	60
S436121		0.27	<10	<10	<1	<10	382
S436122		0.27	<10	<10	<1	80	57
S436123		0.28	<10	<10	1	<10	64
S436124		0.24	<10	<10	<1	<10	62
S436125		0.25	<10	<10	1	<10	102
S436126		0.29	<10	<10	1	<10	155
S436127		0.56	<10	<10	150	<10	98
S436128		0.30	<10	<10	1	<10	48
S436129		0.34	<10	<10	1	<10	101
S436130		0.30	<10	<10	1	<10	83
S436131		0.23	<10	<10	5	<10	132
S436132		0.18	<10	<10	1	<10	56
S436133		0.22	<10	<10	1	<10	46
S436134		0.21	<10	<10	<1	<10	73
S436135		0.21	<10	<10	1	<10	58
S436136		0.25	10	<10	1	<10	75
S436137		0.26	<10	<10	1	<10	71
S436138		0.22	<10	<10	<1	<10	56
S436139		0.19	<10	<10	<1	<10	52
S436140		0.22	<10	<10	1	<10	59
S436141		0.21	<10	<10	<1	<10	64
S436142		0.21	<10	<10	1	<10	43
S436143		0.58	<10	<10	173	<10	128
S436144		0.17	<10	<10	1	<10	47
S436145		0.29	<10	<10	<1	<10	53
S436146		0.19	<10	<10	<1	10	50
S436147		0.19	10	<10	<1	<10	54
S436148		0.20	<10	<10	<1	<10	44
S436149		0.21	<10	<10	<1	<10	63
S436150		0.21	<10	<10	<1	<10	69
S436151		0.22	<10	<10	<1	<10	59
S436152		0.21	<10	<10	<1	<10	71
S436153		0.20	<10	<10	<1	<10	60
S436154		0.19	<10	<10	1	<10	65
S436155		0.20	<10	<10	<1	<10	68
S436156		0.22	<10	<10	<1	<10	60
S436157		0.22	<10	<10	<1	<10	54

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CERTIFICAT D'ANALYSE SD16170890

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436158		1.45	0.530		<0.5	5.75	<5	120	0.9	3	1.69	0.7	4	22	60	5.02
S436159		3.40	0.016		<0.5	5.55	31	140	1.0	<2	2.41	<0.5	3	14	12	5.25
S436160		0.82	<0.005		<0.5	7.84	<5	1070	1.0	<2	2.51	<0.5	22	113	36	6.36
S436161		3.04	<0.005		<0.5	5.93	<5	120	1.2	<2	1.76	<0.5	6	16	26	5.91
S436162		3.28	<0.005		<0.5	5.79	<5	70	1.2	<2	2.04	<0.5	8	19	23	6.26
S436163		3.27	<0.005		<0.5	5.73	<5	100	1.2	2	2.06	<0.5	5	23	25	5.56
S436164		1.37	<0.005		<0.5	5.82	<5	90	1.1	2	1.48	<0.5	6	19	28	5.78
S436165		1.94	0.496		<0.5	5.64	<5	110	0.9	<2	2.15	<0.5	4	23	36	5.43
S436166		1.73	0.138		<0.5	5.36	<5	70	0.7	<2	2.16	<0.5	5	20	74	4.74
S436167		1.91	<0.005		<0.5	4.91	<5	30	0.5	<2	3.97	1.4	8	52	66	5.37
S436168		2.00	0.106		<0.5	5.65	22	50	0.5	<2	1.60	<0.5	8	25	88	6.09
S436169		1.08	0.086		<0.5	5.85	<5	110	0.7	<2	1.38	<0.5	7	19	51	5.91
S436170		2.00	<0.005		<0.5	6.10	<5	110	1.3	<2	1.94	<0.5	9	26	12	6.32
S436171		3.09	<0.005		<0.5	5.78	<5	90	1.1	<2	2.19	<0.5	5	24	28	5.84
S436172		2.91	0.006		<0.5	5.67	<5	70	1.1	<2	2.31	<0.5	4	29	37	6.01
S436173		3.14	0.006		<0.5	5.70	<5	60	1.2	<2	2.41	<0.5	7	30	32	6.33
S436174		1.00	<0.005		<0.5	6.08	<5	30	1.0	<2	1.48	<0.5	15	27	89	6.92
S436175		3.01	<0.005		<0.5	5.85	<5	80	0.9	<2	1.89	<0.5	5	26	16	5.90
S436176		1.01	<0.005		<0.5	5.55	<5	100	0.9	<2	2.13	<0.5	7	25	54	6.80
S436177		1.95	<0.005		<0.5	5.63	<5	80	0.9	<2	1.83	<0.5	5	19	29	5.43
S436178		1.92	<0.005		<0.5	7.28	19	30	<0.5	<2	7.32	<0.5	52	239	129	9.69
S436179		1.93	<0.005		<0.5	7.28	<5	40	<0.5	<2	6.82	<0.5	56	4	76	12.50
S436180		2.77	<0.005		<0.5	6.45	<5	40	<0.5	<2	7.15	<0.5	59	10	99	13.25
S436181		3.34	<0.005		<0.5	5.99	6	40	<0.5	2	7.10	<0.5	59	5	33	13.55
S436182		3.42	<0.005		<0.5	5.76	12	30	<0.5	<2	7.17	<0.5	48	8	35	12.00
S436183		1.86	<0.005		<0.5	6.39	28	50	<0.5	<2	7.54	<0.5	55	7	42	12.85
S436184		1.90	<0.005		<0.5	6.44	28	60	<0.5	<2	8.15	<0.5	51	5	9	11.70
S436185		1.38	0.047		<0.5	6.14	49	10	<0.5	<2	5.21	<0.5	56	13	80	12.90
S436186		1.11	0.036		<0.5	5.13	41	10	<0.5	<2	2.35	<0.5	46	22	76	10.75
S436187		0.84	0.233		<0.5	7.22	1285	10	<0.5	4	7.41	<0.5	62	5	88	14.30
S436188		1.32	0.010		<0.5	5.13	265	10	<0.5	2	18.7	<0.5	17	1	152	9.81
S436189		0.76	1.675		<0.5	4.82	2570	10	<0.5	<2	17.7	<0.5	32	2	35	9.61
S436190		2.23	0.228		<0.5	6.59	111	30	<0.5	<2	5.13	<0.5	59	10	108	13.65
S436191		1.42	0.430		<0.5	6.69	>10000	20	<0.5	<2	8.78	<0.5	50	5	53	11.10
S436192		1.08	<0.005		<0.5	7.38	34	910	1.0	5	2.50	<0.5	19	102	36	6.43
S436193		3.12	0.047		0.5	6.19	81	30	<0.5	2	5.42	<0.5	63	4	69	12.95
S436194		1.78	0.071		<0.5	5.11	2450	20	<0.5	<2	12.15	<0.5	39	15	193	10.15
S436195		2.53	0.073		<0.5	6.19	80	20	<0.5	<2	5.62	<0.5	50	6	68	11.80
S436196		2.90	0.099		<0.5	6.70	12	140	<0.5	<2	6.66	<0.5	42	6	230	12.75
S436197		0.71	0.508		<0.5	5.36	775	120	0.5	3	8.25	<0.5	95	3	890	19.55

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CERTIFICAT D'ANALYSE SD16170890

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436158		20	0.21	20	0.11	817	1	3.31	2	190	30	0.52	<5	12	116	<20
S436159		20	0.22	20	0.08	1035	<1	2.96	<1	210	7	0.04	<5	11	155	<20
S436160		20	1.86	30	1.87	841	1	2.17	51	940	12	0.09	<5	26	448	<20
S436161		20	0.21	20	0.28	1075	2	2.77	<1	230	3	0.03	<5	13	110	<20
S436162		20	0.11	20	0.20	1080	2	2.57	2	270	4	0.02	<5	13	128	<20
S436163		20	0.16	10	0.13	1025	1	2.89	<1	230	2	0.02	<5	12	153	<20
S436164		20	0.14	20	0.31	1035	3	2.82	2	220	5	0.03	<5	12	98	<20
S436165		20	0.18	10	0.13	986	1	2.96	<1	220	2	0.25	<5	10	134	<20
S436166		20	0.14	20	0.16	840	1	3.26	<1	180	3	0.59	<5	10	85	<20
S436167		20	0.06	20	0.25	1040	3	2.77	1	200	117	0.65	<5	10	91	<20
S436168		10	0.08	20	0.24	729	1	3.22	1	280	8	0.87	<5	11	87	<20
S436169		20	0.17	20	0.21	766	1	2.96	<1	290	<2	0.41	<5	12	117	<20
S436170		20	0.17	20	0.34	1165	3	2.68	2	240	<2	0.03	<5	12	88	<20
S436171		20	0.12	20	0.18	1015	1	2.72	<1	250	3	0.04	<5	11	112	<20
S436172		20	0.07	20	0.23	1005	2	2.34	1	260	5	0.03	<5	13	146	<20
S436173		20	0.08	20	0.20	1275	2	2.34	1	280	<2	0.05	<5	13	133	<20
S436174		20	0.04	20	0.38	1030	2	2.89	4	350	4	0.47	<5	15	127	<20
S436175		20	0.07	20	0.20	964	1	2.80	<1	270	3	0.01	<5	13	169	<20
S436176		20	0.15	10	0.14	1290	1	2.58	<1	300	5	0.25	<5	12	180	<20
S436177		20	0.10	20	0.19	930	1	2.76	<1	210	3	0.06	<5	14	130	<20
S436178		20	0.12	<10	3.56	1485	<1	1.81	60	170	<2	0.16	<5	46	143	<20
S436179		20	0.18	<10	2.69	1935	<1	1.81	9	170	<2	0.11	<5	51	153	<20
S436180		20	0.18	<10	2.80	2050	1	0.80	12	170	<2	0.15	<5	55	181	<20
S436181		20	0.17	<10	3.38	2010	<1	1.07	20	150	<2	0.08	<5	58	147	<20
S436182		20	0.10	<10	3.14	1845	<1	1.16	18	160	2	0.09	<5	51	155	<20
S436183		20	0.09	<10	2.98	2000	<1	0.47	20	230	4	0.13	8	59	227	<20
S436184		20	0.04	<10	2.86	2020	1	0.65	17	190	<2	0.01	<5	59	210	<20
S436185		20	0.02	<10	2.57	1915	1	0.57	10	410	<2	0.37	<5	53	84	<20
S436186		10	0.02	<10	2.37	1485	1	0.92	13	510	<2	0.54	<5	32	16	<20
S436187		20	0.02	<10	3.35	2440	<1	1.45	15	310	<2	0.62	5	61	49	<20
S436188		20	0.02	<10	2.35	2460	<1	1.03	7	130	13	0.60	<5	34	139	<20
S436189		20	0.02	<10	1.97	2420	<1	0.99	10	160	2	0.46	<5	32	158	<20
S436190		20	0.17	<10	2.24	1845	<1	1.10	15	380	<2	0.61	<5	51	51	<20
S436191		20	0.10	<10	2.11	1795	<1	2.31	11	620	<2	1.37	<5	34	69	<20
S436192		20	1.61	30	1.90	870	1	2.02	49	990	9	0.08	<5	25	418	<20
S436193		20	0.25	<10	2.34	1920	<1	0.86	20	310	<2	0.43	<5	51	38	<20
S436194		10	0.14	<10	2.15	2120	1	1.17	13	250	3	1.09	<5	41	125	<20
S436195		20	0.12	<10	2.35	1865	<1	1.24	12	310	<2	0.32	5	50	50	<20
S436196		20	0.88	<10	2.54	1850	<1	0.60	14	410	6	1.14	<5	52	69	<20
S436197		20	0.79	<10	2.29	1685	1	0.13	28	360	17	8.60	7	45	81	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436158		0.21	<10	<10	<1	<10	215
S436159		0.21	<10	<10	<1	<10	62
S436160		0.53	<10	<10	150	<10	114
S436161		0.22	<10	<10	1	<10	65
S436162		0.21	<10	<10	<1	<10	69
S436163		0.20	<10	<10	<1	<10	51
S436164		0.20	<10	<10	<1	<10	70
S436165		0.22	<10	<10	<1	<10	58
S436166		0.21	<10	<10	<1	<10	45
S436167		0.16	<10	<10	1	<10	297
S436168		0.22	<10	<10	1	<10	54
S436169		0.26	<10	<10	<1	<10	55
S436170		0.22	<10	<10	1	<10	75
S436171		0.21	<10	<10	<1	<10	73
S436172		0.22	10	<10	<1	<10	71
S436173		0.25	<10	<10	<1	<10	81
S436174		0.28	<10	<10	4	<10	101
S436175		0.23	<10	<10	3	<10	85
S436176		0.21	<10	<10	<1	<10	108
S436177		0.25	<10	<10	<1	<10	67
S436178		0.78	<10	<10	513	<10	62
S436179		1.08	<10	<10	695	<10	78
S436180		1.30	<10	<10	823	<10	81
S436181		1.47	<10	<10	908	<10	79
S436182		1.26	<10	<10	745	<10	66
S436183		1.53	<10	<10	661	<10	70
S436184		1.45	<10	<10	656	<10	64
S436185		1.34	<10	<10	586	<10	90
S436186		0.89	<10	<10	381	<10	101
S436187		1.69	10	<10	635	<10	148
S436188		0.38	10	<10	348	<10	108
S436189		0.60	<10	<10	351	<10	90
S436190		1.36	<10	<10	663	<10	92
S436191		1.12	<10	<10	383	<10	105
S436192		0.52	<10	<10	149	<10	105
S436193		1.17	<10	<10	580	<10	89
S436194		0.64	<10	<10	303	10	73
S436195		0.96	<10	<10	443	<10	82
S436196		0.86	<10	<10	442	<10	115
S436197		0.94	10	<10	361	10	76

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Finalisée date: 25- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170890

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436198		0.74	0.213		<0.5	8.07	5780	40	<0.5	<2	3.62	<0.5	58	2	312	15.80
S436199		2.01	1.615		0.5	6.54	2160	50	<0.5	<2	4.97	<0.5	48	13	283	13.35
S436200		0.11	3.81	4.22	0.9	6.99	32	590	0.8	2	2.44	0.8	18	65	149	5.13
S436201		0.84	0.162		<0.5	6.82	355	30	0.5	<2	4.99	<0.5	43	15	375	12.60
S436202		1.10	<0.005		<0.5	6.81	37	10	<0.5	<2	4.09	<0.5	41	12	63	12.85
S436203		2.09	0.009		<0.5	6.59	24	110	0.5	2	4.78	<0.5	42	9	57	12.75
S436204		2.11	<0.005		<0.5	6.87	10	130	0.5	3	4.62	<0.5	37	14	65	12.40
S436205		1.91	0.020		<0.5	6.81	13	200	0.5	<2	4.91	<0.5	57	10	122	14.30
S436206		2.20	0.027		<0.5	6.75	9	250	0.5	<2	4.45	<0.5	49	9	46	14.35
S436207		3.14	0.050		<0.5	6.75	8	190	0.5	2	4.64	<0.5	46	10	56	13.30
S436208		1.81	0.027		<0.5	6.83	<5	210	0.5	<2	4.48	<0.5	48	22	95	13.75
S436209		1.04	0.035		<0.5	6.22	<5	180	0.5	5	4.30	<0.5	48	6	80	13.95
S436210		1.15	<0.005		<0.5	6.72	<5	180	0.5	<2	4.55	<0.5	44	6	44	13.65
S436211		1.98	<0.005		<0.5	5.98	<5	160	0.5	<2	4.20	<0.5	27	17	68	8.49
S436212		2.14	<0.005		<0.5	6.34	<5	250	0.6	<2	5.37	<0.5	32	11	90	11.35
S436213		2.67	<0.005		<0.5	6.50	8	280	0.5	2	5.08	<0.5	37	10	78	13.55
S436214		2.23	0.018		<0.5	6.35	7	190	<0.5	<2	4.23	<0.5	49	8	140	13.50
S436215		1.66	<0.005		<0.5	3.12	<5	40	<0.5	3	3.90	<0.5	7	39	5	6.29
S436216		0.81	0.009		<0.5	7.98	<5	100	<0.5	6	3.62	<0.5	75	14	181	15.65
S436217		1.85	0.027		<0.5	7.68	7	110	<0.5	<2	4.55	<0.5	43	25	53	13.35
S436218		2.02	0.047		<0.5	6.37	12	190	0.5	<2	4.30	<0.5	38	6	51	12.80
S436219		2.99	0.030		<0.5	6.40	9	270	0.6	7	4.90	<0.5	40	7	48	13.90
S436220		2.41	<0.005		<0.5	6.43	<5	180	0.5	2	3.90	<0.5	41	6	76	13.80
S436221		2.79	0.008		<0.5	6.23	5	260	0.6	4	5.10	<0.5	31	10	33	12.30
S436222		1.18	0.038		<0.5	6.55	<5	80	0.5	3	2.97	0.9	27	13	107	10.95
S436223		1.11	0.017		<0.5	7.82	<5	1130	1.2	<2	2.51	<0.5	23	106	32	6.06
S436224		1.80	0.040		<0.5	6.66	<5	90	0.8	4	3.38	<0.5	25	17	23	10.40
S436225		1.53	0.070		<0.5	6.37	<5	240	0.8	6	4.13	<0.5	24	9	18	11.55
S436226		1.39	<0.005		<0.5	6.12	<5	160	0.9	3	4.42	<0.5	26	11	66	11.20
S436227		1.61	<0.005		<0.5	9.32	<5	200	1.5	4	2.01	<0.5	21	83	35	8.92
S436228		3.02	<0.005		<0.5	6.36	<5	80	0.7	<2	3.66	<0.5	21	20	31	9.85
S436229		0.82	<0.005		<0.5	6.10	<5	40	0.6	4	3.66	<0.5	19	14	19	9.51
S436230		2.92	<0.005		<0.5	6.29	<5	80	0.7	3	3.07	<0.5	19	17	19	8.81
S436231		2.79	<0.005		<0.5	5.85	<5	30	0.6	3	2.91	<0.5	17	11	50	10.05
S436232		1.57	0.006		<0.5	5.74	<5	160	1.5	5	3.98	<0.5	14	20	24	7.68
S436233		0.80	<0.005		<0.5	5.82	<5	130	0.8	6	3.65	<0.5	16	16	68	10.55
S436234		2.35	<0.005		<0.5	5.98	<5	180	0.9	5	3.35	<0.5	15	16	37	9.43
S436235		1.89	0.021		<0.5	9.60	7	150	2.2	3	1.09	<0.5	24	91	7	6.15
S436236		2.85	0.028		<0.5	6.30	<5	60	1.0	<2	2.37	<0.5	14	21	37	7.97
S436237		2.74	0.014		<0.5	5.80	<5	160	0.8	<2	2.87	<0.5	12	12	23	8.05

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 25- OCT- 2016
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170890

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436198		30	0.20	<10	3.00	1875	<1	2.13	8	1180	2	2.47	5	55	45	<20
S436199		20	0.21	<10	1.50	1850	1	1.88	7	670	5	1.88	<5	43	71	<20
S436200		20	1.12	10	1.49	858	7	2.19	42	760	48	0.15	5	16	271	<20
S436201		20	0.10	<10	1.39	1780	<1	2.64	8	660	7	2.33	<5	36	75	<20
S436202		20	0.03	10	1.29	2020	1	1.42	10	560	2	0.24	<5	34	105	<20
S436203		20	0.28	10	1.22	2220	<1	1.04	11	690	4	0.17	<5	35	171	<20
S436204		20	0.31	10	1.28	2060	<1	1.32	13	610	3	0.14	5	32	169	<20
S436205		20	0.52	<10	1.37	2480	<1	1.14	8	600	6	0.27	<5	38	177	<20
S436206		20	0.58	<10	1.44	2460	<1	1.19	9	530	<2	0.14	<5	33	157	<20
S436207		20	0.50	10	1.32	2140	<1	1.25	11	450	3	0.10	<5	34	189	<20
S436208		20	0.51	10	1.29	2210	<1	1.34	11	520	2	0.19	<5	32	168	<20
S436209		20	0.58	10	1.30	2380	1	1.10	11	550	<2	0.18	<5	41	166	<20
S436210		20	0.53	10	1.28	2310	<1	1.26	12	510	2	0.04	<5	33	184	<20
S436211		20	0.40	10	0.46	1305	1	2.08	3	1270	2	0.38	<5	17	202	<20
S436212		20	0.55	10	0.58	1810	<1	1.53	1	1560	5	0.43	<5	19	299	<20
S436213		20	0.61	10	0.84	2120	<1	1.33	5	920	5	0.39	<5	31	361	<20
S436214		20	0.43	10	0.90	1700	1	1.88	2	2310	<2	1.00	<5	28	266	<20
S436215		10	0.11	<10	0.54	1030	2	0.31	<1	480	<2	0.02	<5	11	162	<20
S436216		30	0.24	10	1.15	1690	<1	2.25	7	1140	4	1.34	<5	52	300	<20
S436217		20	0.23	10	1.13	1695	<1	1.37	10	610	2	0.31	5	34	402	<20
S436218		20	0.43	10	1.13	2030	<1	1.09	2	670	2	0.13	<5	45	321	<20
S436219		20	0.57	10	1.11	2360	2	0.93	3	650	4	0.23	<5	47	311	<20
S436220		20	0.37	10	1.34	2180	1	1.25	3	1040	12	0.21	<5	46	178	<20
S436221		20	0.52	10	0.79	2190	1	1.13	1	1230	4	0.10	<5	37	306	<20
S436222		20	0.16	10	1.00	1455	3	1.65	<1	1290	24	0.18	<5	20	102	<20
S436223		20	1.89	30	1.95	657	2	2.14	60	1000	16	0.09	<5	20	475	<20
S436224		20	0.19	10	0.98	1615	2	1.71	3	1190	7	0.01	<5	33	173	<20
S436225		20	0.47	10	0.65	2130	1	1.79	<1	1120	4	0.11	<5	38	222	<20
S436226		20	0.33	10	0.64	2130	1	1.38	<1	1590	4	0.34	<5	33	226	<20
S436227		30	0.50	50	1.50	1515	1	3.82	43	550	5	0.04	<5	18	98	<20
S436228		20	0.14	10	0.53	1760	2	1.86	7	1440	4	0.07	<5	24	164	<20
S436229		20	0.06	10	0.43	1665	1	1.91	<1	1330	3	0.07	<5	31	130	<20
S436230		20	0.20	20	0.62	1505	<1	2.23	2	1460	2	0.03	<5	37	84	<20
S436231		20	0.04	10	0.57	1740	1	1.65	<1	1230	5	0.11	<5	28	83	<20
S436232		20	0.46	10	0.46	2350	1	1.45	1	920	<2	0.03	<5	31	76	<20
S436233		20	0.18	10	0.37	1930	2	1.38	<1	1150	4	0.28	<5	25	188	<20
S436234		20	0.25	10	0.30	1700	1	1.80	<1	1100	4	0.06	<5	24	163	<20
S436235		30	0.29	50	1.34	1190	2	5.42	47	180	5	<0.01	<5	15	107	<20
S436236		20	0.07	20	0.58	1425	1	2.34	3	1000	7	0.01	<5	20	107	<20
S436237		20	0.19	20	0.24	1420	2	2.28	<1	780	2	0.02	<5	23	121	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436198		1.34	<10	<10	405	<10	137
S436199		1.00	<10	<10	150	<10	97
S436200		0.36	<10	<10	143	40	283
S436201		0.77	<10	<10	109	<10	89
S436202		0.99	<10	<10	107	<10	121
S436203		0.97	<10	<10	92	<10	123
S436204		0.99	<10	<10	96	<10	128
S436205		1.10	<10	<10	102	<10	149
S436206		1.06	<10	<10	92	<10	131
S436207		0.99	<10	<10	91	<10	114
S436208		0.95	<10	<10	77	<10	138
S436209		1.02	<10	<10	85	<10	148
S436210		0.99	<10	<10	90	<10	129
S436211		0.39	<10	<10	11	<10	74
S436212		0.60	<10	<10	23	<10	98
S436213		0.75	<10	<10	47	<10	126
S436214		0.72	<10	<10	29	<10	105
S436215		0.22	<10	<10	14	<10	60
S436216		1.20	<10	<10	41	<10	114
S436217		0.95	<10	<10	38	<10	114
S436218		0.98	<10	<10	25	<10	100
S436219		1.05	<10	<10	27	<10	112
S436220		1.15	<10	<10	31	<10	176
S436221		0.87	<10	<10	22	<10	111
S436222		0.49	<10	<10	9	<10	233
S436223		0.61	<10	<10	159	<10	101
S436224		0.69	10	<10	10	<10	159
S436225		0.88	10	<10	7	<10	103
S436226		0.83	<10	<10	5	<10	113
S436227		0.65	<10	<10	87	<10	143
S436228		0.64	<10	<10	10	<10	99
S436229		0.63	<10	<10	7	<10	86
S436230		0.65	<10	<10	12	<10	91
S436231		0.50	<10	<10	1	<10	106
S436232		0.51	<10	<10	5	<10	102
S436233		0.46	<10	<10	1	<10	91
S436234		0.46	<10	<10	5	<10	88
S436235		0.54	<10	<10	102	<10	106
S436236		0.50	<10	<10	8	<10	105
S436237		0.41	<10	<10	<1	<10	84

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S436238		2.88	<0.005		<0.5	5.72	<5	190	0.8	2	3.47	<0.5	10	14	21	8.99
S436239		3.00	0.014		<0.5	5.75	<5	170	0.8	4	3.11	<0.5	10	13	23	8.88
S436240		2.92	<0.005		<0.5	5.76	<5	200	0.8	4	2.88	<0.5	11	18	32	8.94
S436241		1.14	0.005		<0.5	7.85	<5	1060	1.2	3	2.52	<0.5	19	85	37	5.42
S436242		2.65	<0.005		<0.5	5.85	<5	50	1.8	<2	2.95	<0.5	10	20	10	7.94
S436243		3.02	<0.005		<0.5	6.01	<5	70	0.9	3	2.18	<0.5	8	18	17	6.82
S436244		2.93	0.005		<0.5	5.51	<5	160	1.0	<2	2.65	<0.5	5	23	17	7.00
S436245		2.89	0.015		<0.5	5.60	<5	140	0.9	3	2.88	<0.5	7	12	11	7.61
S436246		2.26	0.188		<0.5	5.49	<5	130	0.7	<2	2.92	<0.5	6	15	26	7.02
S436247		1.24	0.268		<0.5	5.40	<5	100	0.7	3	2.82	<0.5	6	11	22	7.11
S436248		2.25	0.018		<0.5	5.67	<5	120	0.9	<2	2.15	<0.5	9	13	79	8.87
S436249		1.07	0.007		<0.5	5.90	<5	110	0.6	<2	2.68	<0.5	6	13	65	6.64

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S436238		20	0.22	10	0.25	1610	1	1.92	<1	820	2	0.07	<5	22	147	<20
S436239		20	0.20	10	0.23	1535	1	2.21	<1	880	<2	0.03	<5	29	116	<20
S436240		20	0.22	10	0.20	1420	1	2.10	<1	890	3	0.05	<5	29	129	<20
S436241		20	1.65	50	1.67	657	2	2.18	48	830	15	0.08	<5	22	435	20
S436242		20	0.06	10	0.34	1980	3	2.23	<1	640	3	0.02	<5	20	82	<20
S436243		20	0.07	20	0.33	1155	2	2.56	<1	360	23	0.06	<5	19	92	<20
S436244		20	0.24	10	0.12	1345	2	2.59	<1	330	4	0.03	<5	19	166	<20
S436245		20	0.15	10	0.11	1380	1	2.39	<1	530	<2	0.03	<5	17	128	<20
S436246		20	0.13	10	0.13	1420	2	2.56	<1	480	<2	0.14	<5	22	111	<20
S436247		20	0.10	10	0.13	1390	1	2.56	<1	510	<2	0.19	<5	19	106	<20
S436248		20	0.13	10	0.21	1405	1	2.53	<1	710	4	0.85	<5	35	99	<20
S436249		20	0.12	10	0.20	1055	1	3.16	<1	520	<2	0.77	<5	27	107	<20

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S436238		0.40	<10	<10	<1	<10	90
S436239		0.44	<10	<10	<1	<10	95
S436240		0.47	<10	<10	<1	<10	88
S436241		0.50	<10	<10	135	<10	99
S436242		0.36	<10	<10	1	<10	114
S436243		0.28	<10	<10	1	<10	146
S436244		0.26	10	<10	1	<10	85
S436245		0.35	<10	<10	1	<10	103
S436246		0.35	<10	<10	1	<10	121
S436247		0.35	<10	<10	<1	<10	92
S436248		0.46	<10	<10	<1	<10	97
S436249		0.38	<10	<10	<1	<10	68

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com

À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 25- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170890

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:		
	Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

CERTIFICAT SD16170893

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 96 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5- OCT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

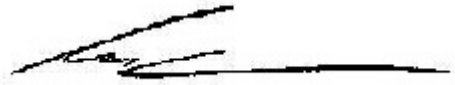
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 24- OCT- 2016
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CERTIFICAT D'ANALYSE SD16170893

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
S436250		1.68	<0.005	<0.5	4.96	<5	60	0.5	<2	4.51	<0.5	2	17	15	5.47	20
S436251		0.81	0.139	<0.5	5.84	<5	140	0.9	<2	1.92	<0.5	3	15	42	6.47	20
S436252		0.99	0.093	0.6	5.62	<5	90	0.8	<2	2.37	0.7	6	15	33	7.15	20
S436253		2.75	0.285	<0.5	5.64	<5	130	0.7	<2	2.35	<0.5	5	12	36	7.23	20
S436254		2.09	<0.005	0.5	5.90	<5	110	0.8	<2	1.99	<0.5	5	15	14	6.43	20
S436255		2.94	<0.005	0.6	5.87	<5	90	0.9	2	2.30	<0.5	6	13	13	6.36	20
S436256		2.63	<0.005	0.5	6.06	<5	90	1.2	<2	2.30	<0.5	7	21	24	6.22	30
S436257		1.99	<0.005	<0.5	5.73	<5	80	1.1	<2	2.35	<0.5	4	13	17	5.49	20
S436258		1.84	<0.005	<0.5	5.72	<5	140	1.6	<2	2.44	<0.5	4	16	9	5.76	20
S436259		0.86	0.844	<0.5	6.22	<5	190	0.7	<2	1.50	2.1	9	13	75	5.88	20
S436260		1.29	0.291	<0.5	6.16	<5	160	0.8	<2	1.92	<0.5	4	12	19	6.69	20
S436261		3.07	<0.005	0.5	5.71	<5	120	1.1	<2	3.24	<0.5	6	16	23	5.36	20
S436262		2.65	0.014	<0.5	5.46	<5	130	1.1	<2	2.51	<0.5	4	16	14	5.57	20
S436263		0.72	0.278	<0.5	5.35	<5	120	0.9	<2	2.28	<0.5	3	16	27	6.00	20
S436264		1.59	0.102	<0.5	6.03	29	100	0.5	<2	1.59	<0.5	4	18	74	6.30	20
S436265		1.51	<0.005	<0.5	6.14	<5	80	0.6	<2	1.63	<0.5	<1	10	3	5.67	20
S436266		1.60	0.006	<0.5	5.79	10	50	<0.5	<2	1.02	<0.5	9	15	124	5.35	10
S436267		0.89	0.062	<0.5	3.06	<5	40	<0.5	<2	8.29	<0.5	4	21	24	4.78	10
S436268		0.86	1.050	0.5	6.93	<5	40	<0.5	<2	2.37	<0.5	14	12	195	5.73	10
S436269		1.00	0.024	0.5	4.84	<5	70	<0.5	<2	5.09	<0.5	3	21	35	3.89	10
S436270		0.99	0.092	<0.5	4.33	<5	50	<0.5	<2	1.44	<0.5	8	18	161	4.02	10
S436271		0.70	0.007	<0.5	7.73	<5	880	1.0	<2	2.95	0.7	28	114	120	6.48	20
S436272		0.74	0.151	<0.5	6.50	<5	130	0.7	<2	2.55	<0.5	7	14	105	5.99	20
S436273		1.72	0.019	<0.5	5.76	<5	90	1.2	<2	2.51	<0.5	4	13	51	5.59	20
S436274		1.04	<0.005	<0.5	6.66	<5	50	6.4	<2	5.12	<0.5	<1	10	2	5.49	20
S436275		1.59	1.545	<0.5	5.34	<5	110	<0.5	2	4.22	<0.5	7	14	87	6.40	20
S436276		1.25	<0.005	<0.5	5.63	<5	110	0.8	<2	1.60	<0.5	3	11	8	5.44	20
S436277		1.58	0.044	<0.5	6.22	<5	140	0.6	<2	1.58	<0.5	4	11	34	5.76	20
S436278		0.76	<0.005	<0.5	5.31	<5	230	0.6	<2	4.14	0.5	4	23	92	5.53	20
S436279		1.88	<0.005	<0.5	8.86	<5	120	0.9	<2	0.78	<0.5	9	67	1	6.00	20
S436280		3.01	<0.005	<0.5	9.34	7	530	1.9	2	0.58	<0.5	12	70	12	5.76	30
S436281		1.01	<0.005	0.5	9.07	21	600	1.5	<2	0.88	0.5	24	70	93	4.56	20
S436282		2.55	<0.005	<0.5	7.47	9	100	0.6	<2	6.41	0.9	50	17	113	9.45	20
S436283		1.40	<0.005	<0.5	7.45	7	50	0.7	<2	6.63	1.0	47	18	155	9.07	20
S436284		0.90	<0.005	<0.5	7.18	<5	100	0.7	<2	1.02	<0.5	17	32	34	4.33	20
S436285		2.87	<0.005	<0.5	9.03	<5	760	2.0	<2	0.49	<0.5	15	65	17	5.41	20
S436286		2.81	<0.005	<0.5	10.30	7	880	2.3	<2	0.61	<0.5	24	81	53	5.11	30
S436287		2.82	<0.005	<0.5	9.27	7	770	2.0	<2	0.51	<0.5	16	72	25	4.82	20
S436288		3.37	<0.005	<0.5	7.03	<5	60	<0.5	5	7.30	1.6	66	6	124	13.15	20
S436289		3.11	0.007	0.7	6.90	17	50	<0.5	6	6.80	1.3	69	4	235	12.75	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170893

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
S436250		0.06	10	0.20	1190	1	2.66	<1	310	2	0.13	<5	21	97	<20	0.29
S436251		0.16	10	0.13	1220	1	3.12	<1	420	8	0.36	6	19	104	<20	0.35
S436252		0.10	10	0.15	1530	2	2.73	<1	380	8	0.25	<5	24	107	<20	0.32
S436253		0.12	10	0.13	1380	1	2.73	1	600	5	0.24	<5	21	127	<20	0.40
S436254		0.10	10	0.24	1020	1	2.86	<1	350	6	0.02	<5	20	131	<20	0.32
S436255		0.11	10	0.30	1010	1	2.60	1	360	2	0.02	<5	17	125	<20	0.28
S436256		0.12	20	0.43	1140	3	2.53	<1	310	6	0.05	9	17	107	<20	0.27
S436257		0.08	20	0.19	941	1	2.82	<1	240	7	0.03	<5	15	134	<20	0.24
S436258		0.14	10	0.17	1200	1	2.71	<1	290	6	0.03	<5	16	150	<20	0.25
S436259		0.43	20	0.28	1050	<1	3.18	<1	360	9	0.71	<5	21	74	<20	0.31
S436260		0.27	20	0.31	1080	1	2.80	<1	360	5	0.14	<5	19	89	<20	0.33
S436261		0.18	20	0.21	876	2	2.21	<1	210	5	0.02	<5	14	146	<20	0.25
S436262		0.16	10	0.07	1040	1	2.90	<1	270	5	0.02	<5	15	180	<20	0.27
S436263		0.14	20	0.08	1110	1	2.81	<1	340	4	0.23	<5	18	137	<20	0.28
S436264		0.12	20	0.25	1170	1	3.43	<1	340	7	0.78	<5	18	84	<20	0.29
S436265		0.13	20	0.37	1390	1	3.32	<1	310	3	0.02	6	17	60	<20	0.29
S436266		0.08	20	0.23	754	1	3.73	<1	310	<2	0.84	<5	16	48	<20	0.31
S436267		0.12	10	0.29	1740	2	1.19	<1	100	2	0.27	<5	13	92	<20	0.12
S436268		0.09	10	0.20	828	1	4.82	<1	430	7	1.37	8	12	84	<20	0.33
S436269		0.27	10	0.22	1150	2	2.78	<1	270	3	0.33	6	12	88	<20	0.17
S436270		0.12	10	0.12	504	1	2.90	1	260	<2	1.10	<5	7	59	<20	0.21
S436271		1.49	30	2.13	1010	2	2.14	74	940	14	0.18	5	30	448	<20	0.56
S436272		0.31	20	0.22	1140	1	3.69	<1	360	7	0.92	<5	18	111	<20	0.33
S436273		0.14	20	0.16	1280	1	2.97	<1	330	4	0.43	<5	17	130	<20	0.30
S436274		0.15	20	0.31	2950	<1	2.85	<1	360	7	0.02	9	14	137	<20	0.26
S436275		0.43	20	0.31	1400	2	2.35	<1	210	5	0.76	5	13	87	<20	0.19
S436276		0.16	20	0.17	1030	<1	2.83	<1	190	4	0.07	<5	15	126	<20	0.22
S436277		0.36	30	0.28	1110	5	3.12	<1	310	<2	0.31	<5	17	92	<20	0.29
S436278		0.95	20	0.26	1140	1	1.95	2	220	6	1.04	<5	12	91	<20	0.17
S436279		0.36	50	0.71	983	<1	5.07	28	350	7	<0.01	6	11	106	20	0.40
S436280		1.60	40	1.02	836	1	4.00	34	320	13	<0.01	<5	12	82	20	0.43
S436281		2.35	40	1.27	709	1	3.09	36	330	17	0.16	<5	12	108	20	0.42
S436282		0.41	<10	4.37	1980	1	1.42	65	310	20	0.02	8	47	410	<20	0.54
S436283		0.22	10	4.08	1990	<1	1.29	63	300	15	0.02	<5	46	506	<20	0.52
S436284		0.36	20	1.11	903	<1	3.88	14	170	9	0.06	7	12	125	<20	0.27
S436285		3.28	40	1.10	1580	<1	1.42	34	350	28	<0.01	5	12	62	20	0.41
S436286		4.51	50	1.29	1860	1	1.06	46	370	7	0.01	8	13	69	20	0.48
S436287		3.84	40	1.12	1550	<1	1.22	37	350	7	0.03	10	12	75	20	0.42
S436288		0.25	<10	2.86	2110	<1	1.66	6	230	<2	0.26	7	56	153	<20	1.25
S436289		0.18	<10	2.89	1920	<1	1.45	17	290	7	0.20	<5	50	160	<20	0.98

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CERTIFICAT D'ANALYSE SD16170893

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436250		<10	<10	<1	50	77
S436251		<10	<10	<1	<10	90
S436252		<10	<10	<1	<10	193
S436253		<10	<10	<1	<10	96
S436254		<10	<10	<1	<10	98
S436255		<10	<10	<1	<10	82
S436256		<10	<10	<1	<10	82
S436257		<10	<10	<1	<10	104
S436258		<10	<10	<1	<10	100
S436259		<10	<10	<1	<10	477
S436260		<10	<10	<1	<10	83
S436261		<10	<10	<1	<10	61
S436262		<10	<10	<1	<10	77
S436263		<10	<10	<1	<10	77
S436264		<10	<10	<1	<10	67
S436265		<10	<10	<1	<10	75
S436266		<10	<10	<1	<10	44
S436267		<10	<10	1	<10	49
S436268		<10	<10	<1	<10	37
S436269		<10	<10	1	<10	38
S436270		<10	<10	1	<10	22
S436271		<10	<10	156	<10	99
S436272		<10	<10	1	<10	49
S436273		<10	<10	<1	20	60
S436274		<10	<10	2	<10	91
S436275		<10	<10	1	<10	61
S436276		<10	<10	<1	<10	66
S436277		<10	<10	2	<10	62
S436278		<10	<10	10	<10	46
S436279		<10	<10	63	<10	89
S436280		<10	<10	62	<10	127
S436281		<10	<10	80	<10	129
S436282		<10	<10	333	<10	118
S436283		<10	<10	324	<10	127
S436284		<10	<10	55	<10	54
S436285		<10	<10	69	<10	74
S436286		<10	<10	84	<10	87
S436287		<10	<10	71	<10	92
S436288		<10	<10	857	<10	79
S436289		10	<10	701	<10	84

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CERTIFICAT D'ANALYSE SD16170893

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
S436290		3.14	<0.005	<0.5	6.59	20	20	<0.5	4	8.08	1.6	58	8	65	12.10	20
S436291		3.16	<0.005	<0.5	6.80	32	40	<0.5	<2	7.15	1.2	61	3	38	12.35	20
S436292		3.23	<0.005	0.6	6.42	61	20	<0.5	4	6.86	1.3	62	4	53	12.35	20
S436293		1.36	<0.005	<0.5	6.70	64	10	<0.5	<2	6.70	1.5	55	5	30	12.25	20
S436294		0.86	0.010	<0.5	5.85	89	10	<0.5	<2	17.4	1.5	46	2	10	9.44	20
S436295		0.80	0.026	0.7	7.74	2640	10	<0.5	<2	5.89	1.3	77	3	157	14.50	20
S436296		1.14	0.007	<0.5	6.96	64	10	<0.5	6	6.20	1.8	63	3	116	13.00	20
S436297		1.51	0.005	<0.5	6.50	47	10	<0.5	2	9.25	0.9	50	5	129	11.50	20
S436298		2.90	<0.005	<0.5	7.00	70	20	<0.5	<2	7.41	1.5	76	3	114	12.75	20
S436299		2.12	<0.005	<0.5	6.75	38	20	<0.5	2	7.99	1.3	48	3	62	11.55	20
S436300		0.11	2.47	1.2	7.35	33	630	0.8	3	2.61	1.2	17	65	156	5.29	20
S436301		1.34	<0.005	<0.5	6.88	38	10	<0.5	<2	6.83	1.1	46	4	45	10.05	20
S436302		1.78	<0.005	<0.5	6.71	11	20	<0.5	5	7.16	1.6	55	8	423	12.55	20
S436303		1.96	<0.005	0.5	7.70	226	170	<0.5	6	3.18	1.6	78	13	454	16.60	20
S436304		1.05	0.021	<0.5	6.82	626	110	<0.5	5	10.40	1.4	50	4	401	12.50	20
S436305		0.81	0.306	<0.5	6.28	>10000	60	<0.5	4	12.30	1.1	126	6	470	9.50	10
S436306		1.26	0.217	<0.5	6.80	7560	100	<0.5	4	11.80	2.3	70	7	612	13.50	20
S436307		1.12	0.006	<0.5	7.04	386	120	<0.5	<2	7.62	1.5	54	6	396	13.05	20
S436308		0.62	<0.005	<0.5	8.15	7	1330	1.0	<2	2.52	<0.5	19	99	43	6.11	20
S436309		1.29	0.013	<0.5	5.16	643	40	<0.5	3	3.00	0.9	39	16	231	9.83	20
S436310		0.69	0.035	<0.5	6.57	4700	30	<0.5	7	4.32	1.8	63	10	206	14.10	20
S436311		1.08	0.183	<0.5	6.06	93	10	<0.5	<2	6.93	2.0	51	3	294	12.45	20
S436312		1.06	0.030	<0.5	6.70	63	40	<0.5	2	4.13	1.9	64	3	84	13.00	20
S436313		1.01	0.006	<0.5	6.59	53	40	<0.5	5	5.22	1.4	52	6	93	12.05	20
S436314		2.09	0.177	<0.5	6.70	207	10	<0.5	5	5.91	1.4	62	7	139	14.15	20
S436315		3.31	<0.005	<0.5	6.26	15	70	<0.5	5	6.13	1.8	53	4	83	13.30	20
S436316		1.99	<0.005	0.5	6.14	7	80	<0.5	<2	5.85	1.2	54	7	69	12.95	20
S436317		1.34	<0.005	<0.5	7.57	<5	80	<0.5	9	7.94	2.0	58	6	197	15.25	30
S436318		2.92	<0.005	<0.5	6.05	11	60	<0.5	<2	6.85	1.3	52	7	35	12.95	20
S436319		3.44	<0.005	<0.5	6.40	8	120	<0.5	3	6.21	1.7	53	5	73	12.85	20
S436320		3.07	<0.005	<0.5	6.09	9	130	<0.5	5	6.31	1.2	55	5	83	12.75	20
S436321		3.15	<0.005	<0.5	6.23	<5	140	<0.5	6	6.12	1.3	52	6	81	12.90	20
S436322		1.56	<0.005	<0.5	6.18	8	140	<0.5	<2	6.56	1.9	58	7	96	13.00	20
S436323		0.87	<0.005	<0.5	6.91	<5	130	<0.5	4	6.62	1.9	82	5	242	15.55	20
S436324		3.11	<0.005	<0.5	6.47	<5	160	<0.5	5	6.57	1.7	57	5	93	13.70	20
S436325		2.80	0.005	0.5	6.35	<5	150	<0.5	<2	6.40	1.9	60	4	91	13.25	20
S436326		3.12	0.005	0.5	6.54	<5	100	<0.5	3	6.60	1.8	56	5	75	13.55	20
S436327		2.03	<0.005	<0.5	7.26	<5	60	<0.5	6	8.17	1.6	56	6	62	13.65	30
S436328		3.36	0.005	<0.5	7.35	33	100	<0.5	5	6.01	1.9	76	7	53	16.15	30
S436329		3.15	<0.005	<0.5	6.14	7	60	<0.5	4	6.41	1.9	56	7	76	13.35	20

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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170893

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
S436290		0.08	<10	2.89	1890	<1	0.57	9	170	8	0.10	11	56	227	<20	1.16
S436291		0.13	<10	2.95	1870	<1	1.35	8	160	5	0.10	10	57	179	<20	1.14
S436292		0.04	<10	3.55	2030	<1	0.73	20	120	5	0.01	10	55	121	<20	1.20
S436293		0.02	<10	3.27	1990	<1	1.22	13	90	3	0.17	6	52	48	<20	1.02
S436294		0.02	<10	2.61	2210	1	1.48	6	210	2	0.02	9	46	91	<20	0.85
S436295		0.02	<10	3.39	1860	<1	1.97	10	280	5	1.27	12	60	37	<20	1.26
S436296		0.02	<10	3.09	1790	<1	1.44	10	230	2	0.48	9	56	45	<20	1.17
S436297		0.02	<10	2.43	1630	<1	0.41	5	220	6	0.25	13	48	220	<20	0.96
S436298		0.05	<10	2.94	1770	<1	1.09	10	260	4	0.20	6	54	158	<20	1.09
S436299		0.05	<10	2.99	1790	<1	1.29	15	90	5	0.07	7	53	158	<20	1.08
S436300		1.14	10	1.61	899	8	2.32	44	800	52	0.15	13	17	281	<20	0.40
S436301		0.04	<10	2.76	1700	<1	2.20	9	70	4	0.29	<5	49	59	<20	0.94
S436302		0.06	<10	3.11	1790	1	1.80	10	150	24	1.79	10	56	59	<20	1.19
S436303		0.76	<10	4.06	2320	1	0.57	26	270	11	1.48	6	75	27	<20	1.70
S436304		0.54	<10	2.61	1920	<1	1.69	15	360	12	2.00	5	52	83	<20	1.02
S436305		0.36	<10	1.52	1670	<1	2.81	15	510	23	2.42	16	34	120	<20	1.12
S436306		0.57	<10	3.05	2110	<1	1.08	23	360	12	2.40	9	68	95	<20	1.38
S436307		0.80	<10	2.91	1730	1	1.01	20	420	14	3.17	<5	54	53	<20	0.80
S436308		2.10	40	1.83	831	1	2.20	52	1340	24	0.10	<5	27	454	20	0.51
S436309		0.22	<10	2.12	1110	1	1.15	9	300	5	0.99	<5	40	31	<20	0.70
S436310		0.20	<10	2.97	1730	<1	1.13	18	780	5	1.22	10	46	41	<20	1.61
S436311		0.04	<10	2.15	1730	<1	1.72	14	450	7	1.35	8	50	59	<20	1.17
S436312		0.17	<10	2.45	1860	<1	1.25	18	490	2	0.42	<5	55	41	<20	1.21
S436313		0.29	<10	2.47	1730	1	1.08	15	500	6	0.13	9	51	46	<20	1.09
S436314		0.03	<10	2.11	1740	1	1.53	10	500	5	0.93	12	57	86	<20	1.31
S436315		0.18	<10	2.11	2180	<1	0.35	8	490	11	0.21	5	52	251	<20	1.17
S436316		0.22	<10	2.06	1970	<1	0.14	8	450	8	0.31	<5	53	314	<20	1.18
S436317		0.22	10	1.92	1970	<1	0.10	10	540	11	1.55	8	68	453	<20	1.54
S436318		0.18	<10	2.17	1940	<1	0.26	10	550	13	0.27	<5	51	284	<20	1.17
S436319		0.31	<10	2.13	2050	1	0.83	11	420	9	0.18	9	51	323	<20	1.11
S436320		0.35	<10	2.09	2030	<1	0.80	10	330	9	0.20	6	51	293	<20	1.15
S436321		0.36	<10	2.16	2020	<1	1.09	12	460	14	0.16	9	50	256	<20	1.14
S436322		0.35	10	2.17	2140	<1	0.79	11	480	12	0.16	<5	53	326	<20	1.18
S436323		0.31	<10	2.38	2210	<1	0.52	15	380	9	0.66	10	57	371	<20	1.59
S436324		0.40	10	2.31	2140	<1	1.10	11	460	9	0.21	<5	55	250	<20	1.25
S436325		0.36	<10	2.32	2030	1	1.13	9	450	8	0.17	13	53	242	<20	1.22
S436326		0.24	<10	2.41	2010	<1	0.78	6	470	9	0.18	<5	55	246	<20	1.24
S436327		0.16	<10	2.25	1750	<1	0.60	9	520	8	0.33	7	55	347	<20	1.22
S436328		0.27	<10	2.95	2260	<1	0.85	19	370	8	0.08	8	62	297	<20	1.37
S436329		0.14	<10	2.53	1950	<1	0.57	15	300	7	0.13	9	44	211	<20	0.96

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170893

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436290		<10	<10	734	<10	82
S436291		<10	<10	703	<10	78
S436292		<10	<10	770	<10	88
S436293		<10	10	663	<10	100
S436294		<10	<10	543	<10	95
S436295		<10	<10	854	<10	116
S436296		<10	<10	811	<10	94
S436297		<10	<10	716	<10	68
S436298		<10	<10	799	<10	78
S436299		<10	<10	793	<10	70
S436300		<10	<10	148	40	306
S436301		<10	<10	647	<10	61
S436302		<10	<10	711	<10	90
S436303		<10	<10	798	10	119
S436304		<10	<10	597	<10	91
S436305		<10	<10	291	20	59
S436306		<10	<10	582	10	118
S436307		<10	<10	407	<10	100
S436308		<10	<10	140	<10	103
S436309		<10	<10	367	10	81
S436310		<10	<10	628	10	123
S436311		<10	<10	461	<10	89
S436312		<10	<10	442	<10	94
S436313		<10	<10	511	<10	92
S436314		10	<10	458	50	104
S436315		<10	<10	441	<10	111
S436316		<10	<10	426	<10	110
S436317		10	<10	548	<10	105
S436318		<10	<10	410	<10	107
S436319		<10	<10	393	<10	104
S436320		<10	<10	419	<10	99
S436321		<10	<10	435	<10	98
S436322		<10	<10	451	<10	105
S436323		<10	<10	602	<10	126
S436324		<10	<10	492	<10	107
S436325		<10	<10	484	<10	91
S436326		<10	<10	497	<10	98
S436327		<10	<10	502	<10	101
S436328		<10	<10	738	<10	142
S436329		<10	<10	567	<10	110

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À: EXPLORATION MIDLAND INC
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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170893

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
S436330		3.27	<0.005	0.5	6.89	<5	20	<0.5	6	5.18	1.6	72	4	112	16.60	20
S436331		3.48	<0.005	<0.5	6.13	<5	80	<0.5	6	6.23	1.7	55	5	77	13.05	20
S436332		3.29	<0.005	<0.5	6.36	<5	100	<0.5	4	6.17	1.5	53	4	112	13.10	20
S436333		3.41	<0.005	0.5	5.85	<5	110	<0.5	2	5.93	1.2	56	3	85	12.35	20
S436334		3.36	<0.005	<0.5	6.64	<5	100	<0.5	5	5.99	1.6	52	5	110	12.65	20
S436335		0.73	0.006	<0.5	6.25	<5	60	<0.5	2	6.30	1.3	56	6	185	12.50	20
S436336		3.14	<0.005	<0.5	6.54	<5	130	<0.5	2	6.11	2.2	56	6	87	12.85	20
S436337		3.28	<0.005	0.9	6.39	6	80	<0.5	3	6.89	1.7	59	11	139	13.55	20
S436338		3.35	0.376	<0.5	6.88	<5	30	<0.5	4	7.20	1.2	58	7	116	12.15	20
S436339		3.29	<0.005	<0.5	6.12	12	10	<0.5	4	7.57	1.7	56	8	272	12.20	20
S436340		3.27	0.005	<0.5	6.92	29	20	<0.5	4	7.61	2.0	57	9	7	13.65	30
S436341		0.93	<0.005	<0.5	7.55	25	20	<0.5	5	6.42	2.2	81	5	83	15.45	30
S436342		3.19	<0.005	<0.5	7.81	22	30	<0.5	5	6.75	2.2	62	15	20	15.25	30
S436343		3.28	<0.005	<0.5	6.08	10	150	<0.5	2	6.76	<0.5	60	2	173	13.90	20
S436344		2.40	<0.005	<0.5	6.11	<5	160	<0.5	3	6.03	<0.5	54	3	138	13.05	10
S436345		0.73	<0.005	<0.5	7.60	<5	1180	1.0	5	2.71	<0.5	18	107	23	6.10	20

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S436330		0.06	<10	3.48	2400	1	0.55	22	490	6	0.26	15	59	164	<20	1.35
S436331		0.20	<10	2.52	2240	<1	0.96	16	380	10	0.20	8	52	224	<20	1.19
S436332		0.25	<10	2.51	1940	<1	1.49	15	430	6	0.25	11	55	172	<20	1.25
S436333		0.27	<10	2.37	2000	<1	1.26	17	320	6	0.16	8	51	146	<20	1.14
S436334		0.25	10	2.21	2070	<1	1.39	10	550	9	0.23	7	47	179	<20	1.05
S436335		0.17	10	1.97	1770	<1	0.46	10	450	10	0.47	8	43	219	<20	0.93
S436336		0.26	<10	2.37	2050	<1	1.25	9	380	7	0.14	<5	53	161	<20	1.11
S436337		0.18	<10	2.47	2010	1	0.64	17	460	10	0.24	11	54	244	<20	1.15
S436338		0.07	<10	3.00	1830	<1	1.54	40	270	11	0.30	11	51	246	<20	0.99
S436339		0.03	<10	2.49	1810	<1	0.66	32	340	3	0.17	<5	49	176	<20	0.96
S436340		0.06	<10	2.86	1670	<1	0.18	35	390	8	0.02	<5	56	324	<20	1.26
S436341		0.05	10	3.33	1800	1	0.76	47	500	13	0.32	8	65	336	<20	1.49
S436342		0.07	<10	2.82	1940	1	0.36	29	580	12	0.10	11	50	350	<20	1.20
S436343		0.32	<10	2.61	2050	<1	1.34	21	290	<2	0.17	<5	56	169	<20	1.15
S436344		0.32	<10	2.40	1950	<1	1.71	20	430	<2	0.22	<5	50	146	<20	1.06
S436345		1.64	20	1.92	825	1	2.22	46	890	9	0.06	<5	23	527	<20	0.51

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436330		<10	<10	614	<10	144
S436331		<10	<10	555	<10	83
S436332		<10	<10	572	<10	70
S436333		<10	<10	610	<10	100
S436334		<10	<10	435	<10	122
S436335		<10	<10	408	<10	104
S436336		<10	<10	485	<10	102
S436337		<10	<10	619	<10	125
S436338		10	<10	611	<10	86
S436339		<10	<10	721	<10	100
S436340		<10	<10	774	<10	117
S436341		<10	<10	884	<10	133
S436342		<10	<10	555	<10	137
S436343		<10	<10	791	<10	119
S436344		10	<10	673	<10	109
S436345		<10	<10	155	<10	96

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CERTIFICAT D'ANALYSE SD16170893

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode: Au- AA23

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 24- OCT- 2016
Compte: MIDEXP

CERTIFICAT SD16170895

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 128 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6- OCT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE SD16170895

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436346		3.13	<0.005		<0.5	5.89	7	140	<0.5	<2	6.19	<0.5	46	4	122	11.70
S436347		3.07	<0.005		<0.5	6.02	15	100	<0.5	<2	6.35	<0.5	49	3	116	12.25
S436348		3.40	<0.005		<0.5	6.81	46	20	<0.5	6	5.71	<0.5	61	7	117	14.00
S436349		3.29	<0.005		<0.5	5.99	7	30	<0.5	2	6.03	<0.5	52	2	191	12.40
S436350		3.33	<0.005		<0.5	6.27	<5	20	<0.5	<2	6.83	<0.5	38	16	99	11.50
S436351		3.30	<0.005		<0.5	6.69	<5	20	<0.5	<2	5.96	<0.5	35	17	37	11.30
S436352		1.16	<0.005		<0.5	6.42	<5	20	<0.5	2	5.85	<0.5	57	24	101	12.90
S436353		1.07	<0.005		<0.5	6.63	<5	30	0.5	3	6.24	<0.5	60	37	145	13.50
S436354		3.33	<0.005		<0.5	5.70	6	90	<0.5	2	8.26	<0.5	15	15	24	7.91
S436355		1.58	<0.005		<0.5	5.21	<5	60	<0.5	<2	7.11	<0.5	13	39	9	6.95
S436356		1.84	0.016		<0.5	5.33	<5	10	<0.5	<2	6.44	<0.5	47	17	204	9.06
S436357		0.89	<0.005		<0.5	4.58	<5	10	<0.5	2	6.77	<0.5	24	17	37	8.29
S436358		0.95	<0.005		<0.5	6.35	<5	10	<0.5	3	7.23	<0.5	67	11	235	13.50
S436359		3.67	<0.005		<0.5	6.66	6	10	0.5	6	7.18	<0.5	58	5	149	13.60
S436360		0.70	<0.005		<0.5	7.47	<5	1120	1.1	5	2.52	<0.5	17	91	50	5.42
S436361		1.98	<0.005		<0.5	6.58	22	10	<0.5	3	6.06	<0.5	67	7	181	12.30
S436362		2.12	<0.005		<0.5	5.67	5	10	<0.5	<2	6.90	<0.5	42	12	124	11.10
S436363		1.10	<0.005		<0.5	2.90	<5	<10	<0.5	<2	4.62	<0.5	20	21	121	5.57
S436364		2.04	<0.005		<0.5	5.79	5	10	<0.5	<2	6.23	<0.5	41	23	52	11.10
S436365		1.66	<0.005		<0.5	6.74	5	40	<0.5	5	4.71	<0.5	52	18	38	12.90
S436366		1.39	<0.005		<0.5	6.64	<5	90	<0.5	2	4.71	<0.5	48	8	102	12.70
S436367		2.66	0.068		<0.5	6.56	7	90	<0.5	2	5.38	<0.5	40	17	64	11.50
S436368		2.49	<0.005		<0.5	6.67	9	50	<0.5	<2	5.24	<0.5	39	19	41	11.65
S436369		2.21	<0.005		<0.5	6.15	5	70	<0.5	2	5.51	<0.5	34	20	50	10.50
S436370		2.56	<0.005		<0.5	5.99	15	100	0.7	<2	1.34	<0.5	10	10	3	5.58
S436371		1.86	<0.005		<0.5	5.85	18	190	1.1	<2	1.74	<0.5	11	10	12	5.24
S436372		1.95	0.026		<0.5	3.44	15	110	0.6	<2	1.32	<0.5	31	17	152	7.50
S436373		0.73	<0.005		<0.5	7.78	<5	1010	1.1	2	2.33	<0.5	28	115	99	7.09
S436374		1.94	0.048		<0.5	5.60	19	150	0.8	2	1.56	<0.5	13	15	28	6.13
S436375		1.59	0.605		<0.5	5.37	38	190	0.9	<2	1.47	<0.5	15	12	112	8.07
S436376		1.38	<0.005		<0.5	6.56	13	280	1.1	<2	1.96	<0.5	5	6	1	10.30
S436377		1.38	0.063		<0.5	6.03	14	200	0.9	<2	1.35	<0.5	10	12	44	7.07
S436378		0.70	0.902		<0.5	5.76	24	160	0.8	<2	1.19	<0.5	11	12	77	6.96
S436379		1.52	0.216		<0.5	5.58	<5	120	0.7	<2	1.79	<0.5	10	9	22	7.10
S436380		1.35	<0.005		<0.5	5.66	7	100	0.8	<2	1.82	<0.5	11	10	1	6.75
S436381		1.85	<0.005		<0.5	5.50	<5	120	0.9	<2	1.80	<0.5	9	12	7	6.50
S436382		2.06	<0.005		<0.5	5.86	<5	70	0.9	<2	1.59	<0.5	8	7	4	6.64
S436383		2.08	<0.005		<0.5	6.15	8	200	1.0	<2	1.95	<0.5	10	11	1	6.99
S436384		2.88	0.034		<0.5	6.41	6	200	1.0	<2	3.69	0.5	7	6	1	6.55
S436385		2.71	0.010		<0.5	6.34	8	240	1.0	<2	2.14	0.5	6	6	1	8.28

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436346		10	0.30	<10	2.12	1800	<1	1.67	15	440	<2	0.17	5	44	116	<20
S436347		10	0.22	<10	2.38	1760	<1	1.40	24	410	<2	0.21	<5	47	194	<20
S436348		20	0.05	<10	3.13	1685	<1	0.63	34	370	<2	0.04	<5	54	242	<20
S436349		10	0.08	<10	2.80	1780	<1	0.83	28	340	2	0.11	<5	51	167	<20
S436350		20	0.04	<10	1.92	1640	<1	0.06	13	420	7	0.18	<5	40	259	<20
S436351		20	0.03	<10	1.73	1565	<1	0.25	10	810	<2	0.05	<5	35	257	<20
S436352		20	0.04	10	2.01	1735	<1	0.07	16	570	<2	0.40	<5	49	216	<20
S436353		20	0.05	10	2.16	1875	<1	0.06	17	600	<2	0.46	<5	57	216	<20
S436354		20	0.13	<10	0.74	1395	1	0.09	5	250	4	0.01	<5	28	354	<20
S436355		20	0.08	<10	0.70	1115	2	0.05	5	250	2	0.02	5	20	296	<20
S436356		20	0.02	<10	1.21	1225	1	0.02	11	180	2	0.44	<5	21	244	<20
S436357		10	0.02	<10	1.51	1350	1	0.05	9	230	4	0.10	<5	36	217	<20
S436358		20	0.03	<10	2.59	1975	<1	0.07	19	380	3	0.42	<5	49	231	<20
S436359		20	0.03	<10	3.04	2120	<1	0.10	30	390	<2	0.13	<5	54	222	<20
S436360		20	1.71	30	1.65	680	1	2.21	45	750	13	0.11	<5	20	449	<20
S436361		20	0.02	<10	2.94	1960	<1	0.79	34	450	<2	0.07	<5	48	129	<20
S436362		20	0.02	<10	2.40	1800	<1	0.05	29	370	3	0.19	<5	43	182	<20
S436363		10	0.01	<10	0.95	895	1	0.02	9	150	2	0.22	<5	19	118	<20
S436364		20	0.03	<10	1.96	1735	<1	0.10	8	460	<2	0.23	<5	44	225	<20
S436365		10	0.06	10	2.54	2130	<1	0.95	11	510	<2	0.07	<5	53	143	<20
S436366		20	0.14	<10	2.10	2210	<1	0.92	13	430	<2	0.24	<5	43	203	<20
S436367		20	0.14	<10	1.89	1970	1	1.03	10	390	2	0.08	<5	42	220	<20
S436368		20	0.08	<10	1.82	1880	<1	1.27	8	450	<2	0.11	<5	44	158	<20
S436369		10	0.09	<10	1.68	1815	<1	1.41	7	460	<2	0.02	<5	36	134	<20
S436370		20	0.40	20	0.46	733	<1	3.04	3	370	<2	0.04	<5	11	102	<20
S436371		20	0.82	<10	0.32	1165	<1	3.03	1	360	<2	0.08	<5	11	97	<20
S436372		10	0.47	<10	0.21	682	1	1.62	14	170	<2	1.83	<5	7	55	<20
S436373		20	2.03	40	2.23	845	3	2.03	77	680	8	0.28	<5	26	409	<20
S436374		20	0.81	<10	0.22	986	<1	2.81	<1	210	<2	0.42	<5	12	107	<20
S436375		20	1.10	<10	0.24	1140	1	2.33	<1	360	<2	1.70	<5	16	111	<20
S436376		30	1.57	<10	0.46	2730	1	2.71	<1	340	<2	0.03	<5	17	107	<20
S436377		20	1.13	10	0.28	1390	<1	2.88	1	290	<2	0.57	<5	11	112	<20
S436378		20	0.51	<10	0.18	1150	<1	2.99	<1	270	2	0.75	<5	13	133	<20
S436379		20	0.23	10	0.21	1410	<1	2.93	<1	270	4	0.33	<5	12	139	<20
S436380		20	0.16	20	0.29	1450	<1	3.02	<1	290	3	0.01	<5	13	150	<20
S436381		20	0.18	30	0.32	1460	1	2.91	1	260	6	0.11	<5	12	153	<20
S436382		20	0.09	20	0.37	1290	1	3.22	<1	270	<2	0.07	<5	11	151	<20
S436383		20	0.40	10	0.44	1350	<1	2.99	<1	300	<2	0.01	<5	12	126	<20
S436384		20	0.82	10	0.39	1650	<1	3.37	<1	370	<2	0.01	<5	13	180	<20
S436385		30	1.27	10	0.45	1520	<1	2.59	1	350	4	0.01	<5	14	137	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436346		0.91	<10	<10	568	<10	96
S436347		0.98	<10	<10	669	<10	92
S436348		0.94	<10	<10	663	<10	121
S436349		0.94	<10	<10	655	<10	113
S436350		0.84	10	<10	450	<10	110
S436351		0.70	10	<10	194	<10	119
S436352		0.97	<10	<10	272	<10	136
S436353		0.90	<10	<10	171	<10	135
S436354		0.76	<10	<10	131	<10	50
S436355		0.60	<10	<10	108	<10	46
S436356		0.41	<10	<10	360	<10	73
S436357		0.72	10	<10	467	<10	75
S436358		1.00	<10	<10	665	<10	130
S436359		0.99	<10	<10	651	<10	140
S436360		0.50	10	<10	137	<10	88
S436361		0.77	10	<10	461	<10	132
S436362		0.78	<10	<10	486	<10	112
S436363		0.37	10	<10	215	<10	52
S436364		0.50	<10	<10	131	<10	112
S436365		0.67	10	<10	154	<10	150
S436366		1.03	<10	<10	285	<10	132
S436367		0.70	<10	<10	221	<10	116
S436368		0.84	<10	<10	260	<10	116
S436369		0.83	10	<10	268	<10	100
S436370		0.06	<10	<10	1	<10	50
S436371		0.05	<10	<10	2	<10	25
S436372		0.03	10	<10	1	<10	21
S436373		0.62	10	<10	181	<10	109
S436374		0.08	<10	<10	1	<10	31
S436375		0.04	10	<10	1	<10	24
S436376		0.04	<10	<10	3	<10	34
S436377		0.05	<10	<10	3	<10	24
S436378		0.11	<10	<10	<1	<10	41
S436379		0.14	<10	<10	<1	<10	51
S436380		0.19	<10	<10	<1	<10	51
S436381		0.21	<10	<10	<1	<10	38
S436382		0.22	<10	<10	<1	<10	44
S436383		0.18	<10	<10	<1	<10	47
S436384		0.11	<10	<10	1	<10	33
S436385		0.10	<10	<10	1	<10	39

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436386		1.34	<0.005		<0.5	5.79	12	240	1.0	<2	1.68	<0.5	6	7	3	6.90
S436387		2.79	0.006		<0.5	5.37	8	160	0.9	<2	1.93	<0.5	10	10	3	5.87
S436388		1.86	<0.005		<0.5	5.34	11	170	1.1	<2	1.75	0.5	13	8	5	6.40
S436389		1.20	0.007		0.5	5.34	6	120	0.7	<2	2.35	0.7	17	10	41	8.86
S436390		0.70	<0.005		<0.5	5.61	9	410	1.3	<2	1.93	<0.5	11	12	32	6.42
S436391		0.11	3.99	NSS	0.5	7.18	32	620	0.8	<2	2.52	1.5	18	61	151	5.32
S436392		2.08	<0.005		<0.5	5.84	11	80	0.9	<2	1.86	<0.5	14	7	4	6.88
S436393		2.95	<0.005		<0.5	5.65	7	50	0.8	<2	2.20	0.5	10	6	2	6.57
S436394		2.04	<0.005		<0.5	5.75	9	70	0.7	<2	1.82	<0.5	12	8	2	7.29
S436395		1.62	<0.005		<0.5	6.08	21	260	1.0	<2	1.95	<0.5	20	7	8	7.09
S436396		2.75	<0.005		<0.5	5.64	7	240	1.2	<2	2.07	0.5	6	11	1	6.54
S436397		3.07	<0.005		<0.5	5.51	13	350	1.4	<2	2.03	<0.5	13	6	2	6.66
S436398		3.10	<0.005		<0.5	5.67	7	70	0.8	<2	2.14	<0.5	9	10	2	7.46
S436399		2.07	0.008		<0.5	5.45	<5	90	0.9	<2	2.13	0.5	10	11	3	7.20
S436400		0.87	<0.005		<0.5	7.77	<5	980	1.1	<2	2.49	0.6	20	101	32	6.07
S436401		1.28	<0.005		<0.5	5.65	8	110	0.8	<2	1.89	0.5	12	13	1	8.00
S436402		0.71	0.007		<0.5	3.57	9	170	0.8	<2	1.06	0.5	6	19	3	5.97
S436403		2.21	<0.005		<0.5	5.20	<5	40	0.8	<2	1.84	0.5	9	9	1	8.01
S436404		2.77	<0.005		<0.5	5.03	7	50	0.8	<2	2.01	<0.5	12	7	1	7.77
S436405		0.84	0.072		1.3	4.91	253	160	0.9	<2	0.79	0.5	19	6	590	10.85
S436406		2.58	<0.005		0.5	5.42	5	70	0.8	<2	1.91	0.5	10	8	3	7.81
S436407		3.04	<0.005		<0.5	5.43	11	140	0.8	<2	1.63	0.5	9	7	1	7.15
S436408		2.81	<0.005		<0.5	5.18	11	190	0.8	<2	1.62	0.6	10	6	1	7.46
S436409		2.85	0.006		<0.5	5.26	<5	270	0.9	<2	2.83	0.7	7	7	5	8.17
S436410		0.98	0.380		<0.5	4.95	19	320	1.0	<2	2.19	<0.5	10	10	52	6.79
S436411		1.12	0.322		<0.5	4.67	5	240	0.8	<2	2.29	<0.5	12	9	38	7.63
S436412		2.52	0.012		<0.5	4.73	8	110	0.7	<2	2.12	0.6	9	7	1	7.68
S436413		0.87	2.42		<0.5	4.13	774	200	0.8	<2	2.85	0.7	82	13	154	13.50
S436414		2.50	<0.005		<0.5	4.88	6	120	0.8	<2	2.17	<0.5	8	8	1	6.89
S436415		1.85	0.006		<0.5	4.84	7	80	0.7	<2	2.22	0.7	10	14	1	8.25
S436416		0.76	<0.005		<0.5	3.98	9	270	1.0	<2	0.98	<0.5	4	18	19	4.98
S436417		1.11	0.369		<0.5	4.79	<5	120	0.7	<2	2.57	<0.5	10	10	17	7.42
S436418		1.18	0.021		<0.5	4.99	<5	180	1.0	<2	2.34	0.6	12	9	15	7.88
S436419		1.76	0.016		<0.5	5.20	8	90	0.8	<2	2.40	<0.5	11	8	4	7.31
S436420		0.77	<0.005		0.5	8.77	<5	1390	1.0	3	2.87	0.8	26	122	63	7.87
S436421		3.22	<0.005		0.7	5.56	<5	90	1.0	2	2.42	0.5	14	16	7	8.03
S436422		3.14	<0.005		<0.5	5.14	5	80	0.8	<2	2.12	0.5	13	9	22	7.00
S436423		2.20	0.010		<0.5	5.31	5	60	0.6	<2	2.24	0.6	12	7	12	7.49
S436424		2.15	<0.005		<0.5	5.66	11	170	0.9	<2	2.22	<0.5	10	10	3	7.09
S436425		3.45	<0.005		<0.5	5.59	9	220	1.0	<2	2.54	0.8	10	7	4	7.26

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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170895

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436386		20	0.96	10	0.31	1470	1	2.65	<1	280	3	0.02	<5	13	134	<20
S436387		20	0.26	10	0.21	1290	<1	2.85	<1	270	7	0.02	6	15	150	<20
S436388		20	0.26	<10	0.37	1610	<1	2.67	2	280	4	0.04	<5	17	127	<20
S436389		20	0.15	<10	0.42	1610	1	2.27	<1	350	5	0.44	<5	12	132	<20
S436390		20	0.55	10	0.37	1360	1	2.56	<1	120	3	0.15	<5	17	132	<20
S436391		20	1.13	10	1.56	886	7	2.25	41	780	50	0.15	5	17	283	<20
S436392		20	0.13	<10	0.28	1380	<1	3.21	<1	310	<2	0.03	5	13	153	<20
S436393		20	0.07	<10	0.20	1160	<1	3.04	<1	320	5	0.03	<5	13	158	<20
S436394		20	0.13	10	0.32	1650	<1	3.03	<1	360	2	0.04	<5	14	134	<20
S436395		20	0.67	10	0.42	1340	<1	2.52	<1	420	2	0.14	<5	17	107	<20
S436396		20	0.64	10	0.35	1580	<1	2.36	<1	420	4	0.05	<5	12	127	<20
S436397		20	0.85	10	0.47	1470	<1	1.82	1	410	3	0.07	<5	13	121	<20
S436398		20	0.10	10	0.20	1670	<1	2.90	<1	270	6	0.04	<5	12	163	<20
S436399		20	0.12	<10	0.08	1660	<1	3.09	<1	360	6	0.05	<5	13	162	<20
S436400		20	1.88	30	1.93	743	1	2.11	58	980	22	0.06	<5	23	447	<20
S436401		20	0.23	<10	0.25	1460	1	2.62	<1	290	2	0.01	<5	14	132	<20
S436402		20	0.46	<10	0.21	1210	1	1.43	2	330	2	0.24	<5	9	72	<20
S436403		20	0.04	<10	0.17	1800	<1	2.55	<1	160	3	0.02	<5	14	156	<20
S436404		20	0.04	<10	0.04	1760	<1	2.84	<1	320	<2	0.01	<5	13	172	<20
S436405		20	0.35	<10	0.06	1410	1	3.01	2	280	8	5.28	<5	10	108	<20
S436406		20	0.11	<10	0.17	1680	<1	2.61	<1	170	2	0.03	<5	13	132	<20
S436407		20	0.27	<10	0.15	1540	<1	2.72	<1	110	3	0.01	<5	14	116	<20
S436408		20	0.64	<10	0.20	1690	<1	2.26	<1	240	3	0.02	<5	15	92	<20
S436409		20	1.18	10	0.34	1820	1	1.77	1	380	4	0.03	<5	14	111	<20
S436410		20	0.98	10	0.15	1490	<1	2.11	<1	380	4	0.46	<5	14	111	<20
S436411		20	0.45	<10	0.05	1750	<1	2.37	<1	370	4	0.36	<5	16	120	<20
S436412		20	0.15	<10	0.05	1810	<1	2.63	<1	410	3	0.02	<5	15	147	<20
S436413		20	0.57	10	0.10	1730	<1	1.36	5	370	4	4.21	<5	15	95	<20
S436414		20	0.16	<10	0.04	1590	<1	2.81	<1	400	6	0.01	<5	13	160	<20
S436415		20	0.11	<10	0.04	1840	<1	2.62	<1	410	2	0.02	<5	11	146	<20
S436416		10	0.47	<10	0.05	1190	1	2.16	<1	370	4	0.18	<5	7	82	<20
S436417		20	0.18	<10	0.07	1540	<1	2.55	1	410	8	0.20	<5	10	137	<20
S436418		20	0.32	<10	0.07	1520	<1	2.32	<1	450	5	0.18	<5	10	148	<20
S436419		20	0.10	<10	0.06	1590	<1	2.88	<1	410	5	0.04	<5	13	171	<20
S436420		20	2.12	30	2.26	1090	2	2.28	63	1050	18	0.16	6	34	511	<20
S436421		20	0.09	<10	0.04	1670	<1	3.11	<1	390	6	0.06	<5	13	185	<20
S436422		20	0.10	<10	0.07	1490	1	2.80	<1	360	4	0.19	<5	10	160	<20
S436423		20	0.08	10	0.20	1270	<1	2.50	<1	440	3	0.15	<5	12	148	<20
S436424		20	0.60	10	0.40	1510	1	2.54	1	440	4	0.06	<5	16	103	<20
S436425		20	0.57	10	0.41	1420	<1	2.46	<1	490	3	0.04	<5	20	94	<20

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CERTIFICAT D'ANALYSE SD16170895

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436386		0.14	<10	<10	<1	<10	28
S436387		0.23	<10	<10	<1	<10	34
S436388		0.23	<10	<10	<1	<10	36
S436389		0.25	<10	<10	<1	<10	49
S436390		0.27	<10	<10	<1	<10	36
S436391		0.39	<10	<10	147	40	295
S436392		0.25	<10	<10	<1	<10	41
S436393		0.26	10	<10	<1	<10	47
S436394		0.26	<10	<10	<1	<10	55
S436395		0.26	<10	<10	<1	<10	58
S436396		0.19	<10	<10	<1	<10	47
S436397		0.18	<10	<10	<1	<10	49
S436398		0.23	<10	<10	<1	<10	49
S436399		0.24	<10	<10	<1	<10	36
S436400		0.58	<10	<10	156	<10	111
S436401		0.20	<10	<10	<1	<10	46
S436402		0.09	<10	<10	<1	<10	30
S436403		0.20	<10	<10	<1	<10	44
S436404		0.24	<10	<10	<1	<10	42
S436405		0.12	<10	<10	<1	10	28
S436406		0.23	<10	<10	<1	<10	51
S436407		0.22	<10	<10	<1	<10	48
S436408		0.21	<10	<10	<1	<10	42
S436409		0.11	<10	<10	1	<10	39
S436410		0.15	<10	<10	<1	<10	24
S436411		0.24	<10	<10	<1	<10	36
S436412		0.27	<10	<10	<1	<10	44
S436413		0.17	10	<10	<1	<10	41
S436414		0.25	<10	<10	<1	<10	39
S436415		0.22	<10	<10	<1	<10	45
S436416		0.14	<10	<10	<1	<10	16
S436417		0.24	<10	<10	<1	<10	39
S436418		0.21	10	<10	<1	<10	42
S436419		0.25	<10	<10	<1	<10	39
S436420		0.64	<10	<10	181	<10	119
S436421		0.28	10	<10	<1	<10	38
S436422		0.22	<10	<10	<1	<10	35
S436423		0.23	<10	<10	<1	<10	42
S436424		0.22	<10	<10	<1	10	37
S436425		0.32	<10	10	<1	<10	39

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CERTIFICAT D'ANALYSE SD16170895

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436426		3.36	<0.005		<0.5	5.36	<5	120	0.7	<2	2.87	0.5	10	7	9	7.40
S436427		0.85	<0.005		<0.5	7.46	13	460	1.6	<2	5.88	1.2	8	1	4	8.14
S436428		2.58	0.009		0.5	6.49	70	230	1.0	2	2.65	0.6	21	13	35	6.26
S436429		3.00	<0.005		<0.5	5.57	6	90	0.8	<2	3.01	0.5	13	6	15	6.98
S436430		3.40	<0.005		<0.5	5.20	7	80	0.8	<2	3.36	<0.5	13	4	13	7.99
S436431		3.34	0.062		<0.5	5.35	<5	130	0.8	<2	3.72	0.8	13	6	15	8.37
S436432		2.91	<0.005		<0.5	5.36	<5	80	0.8	<2	3.32	0.7	16	7	20	8.36
S436433		1.53	<0.005		<0.5	5.57	7	80	0.8	<2	3.07	0.7	23	5	44	8.25
S436434		3.40	<0.005		<0.5	5.37	6	60	0.8	<2	3.30	0.6	20	7	42	9.18
S436435		3.62	<0.005		<0.5	5.49	18	120	0.8	<2	3.32	0.8	29	5	46	8.81
S436436		3.62	<0.005		<0.5	5.92	<5	130	0.9	<2	3.78	0.6	13	6	10	7.09
S436437		3.34	<0.005		<0.5	5.78	<5	30	0.9	<2	4.21	1.0	11	3	5	6.99
S436438		3.15	<0.005		<0.5	5.69	<5	20	0.8	<2	4.38	0.6	9	6	2	6.65
S436439		3.16	0.005		<0.5	5.89	<5	40	1.8	<2	3.58	0.6	8	6	2	5.41
S436440		0.10	3.86	4.48	0.8	7.52	32	650	0.8	<2	2.66	1.3	18	68	159	5.64
S436441		3.27	<0.005		<0.5	5.51	<5	30	1.1	<2	4.62	0.5	8	5	2	6.00
S436442		2.71	<0.005		<0.5	5.87	<5	30	0.7	<2	3.48	0.9	10	4	2	6.24
S436443		2.39	<0.005		<0.5	5.53	<5	90	1.0	<2	3.17	<0.5	2	9	2	1.69
S436444		2.81	<0.005		<0.5	5.52	<5	130	1.0	<2	3.81	<0.5	2	11	2	1.67
S436445		1.81	<0.005		<0.5	6.23	<5	30	0.7	2	2.15	1.0	12	11	7	5.95
S436446		2.74	<0.005		<0.5	5.88	<5	40	0.9	<2	4.05	1.0	14	7	6	6.97
S436447		2.09	<0.005		<0.5	5.62	<5	70	0.6	<2	3.88	1.1	18	6	8	10.15
S436448		1.38	<0.005		<0.5	5.56	<5	80	0.6	<2	3.60	1.0	18	9	4	10.40
S436449		2.17	<0.005		<0.5	5.63	9	60	0.6	3	3.95	0.8	19	8	3	10.25
S436450		1.47	<0.005		<0.5	5.54	6	90	0.7	<2	4.43	1.1	21	6	20	10.50
S436451		1.96	<0.005		<0.5	6.09	<5	40	1.0	<2	5.23	1.0	13	7	1	7.75
S436452		1.95	<0.005		<0.5	5.79	<5	30	1.0	<2	5.31	0.9	13	7	1	7.24
S436453		1.57	<0.005		<0.5	5.53	<5	40	0.6	<2	4.26	1.1	20	4	6	11.15
S436454		3.10	<0.005		<0.5	5.62	<5	30	0.7	<2	4.67	1.0	19	5	3	11.90
S436455		2.59	<0.005		<0.5	5.33	11	70	0.7	<2	3.98	1.9	24	6	25	12.60
S436456		2.61	<0.005		<0.5	5.45	14	410	0.7	<2	2.87	1.1	27	13	53	9.67
S436457		2.93	<0.005		<0.5	5.67	13	90	0.8	<2	4.16	1.0	29	8	49	12.35
S436458		2.32	<0.005		<0.5	5.53	9	50	0.6	<2	4.50	1.2	23	7	17	12.65
S436459		1.87	<0.005		<0.5	5.70	13	40	0.7	<2	4.33	1.1	24	7	21	11.65
S436460		1.88	<0.005		<0.5	5.60	5	50	0.7	<2	4.17	1.0	19	8	18	11.40
S436461		1.44	<0.005		<0.5	5.55	25	40	0.5	<2	4.03	1.4	41	4	28	12.15
S436462		1.57	<0.005		<0.5	5.51	<5	90	0.6	<2	5.25	1.5	18	7	36	11.50
S436463		3.41	0.011		<0.5	5.77	5	150	0.7	<2	3.99	0.8	16	5	21	9.82
S436464		1.37	<0.005		<0.5	5.79	14	90	0.6	<2	4.27	1.1	25	4	24	11.95
S436465		2.08	<0.005		<0.5	5.88	10	90	0.7	<2	5.02	1.3	18	7	19	11.50

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S436426		20	0.28	10	0.29	1340	<1	2.57	<1	590	<2	0.07	<5	24	90	<20
S436427		30	1.55	10	0.53	2610	<1	3.07	<1	1020	3	0.04	<5	43	152	<20
S436428		30	0.86	10	0.25	1145	<1	2.77	3	860	5	0.33	<5	26	94	<20
S436429		20	0.18	10	0.24	1360	<1	2.71	<1	630	5	0.14	<5	19	154	<20
S436430		20	0.13	10	0.20	1610	<1	2.24	<1	670	6	0.11	<5	26	165	<20
S436431		20	0.27	10	0.14	1790	<1	2.10	<1	730	<2	0.12	<5	28	149	<20
S436432		20	0.17	<10	0.26	1700	<1	2.13	<1	730	3	0.17	<5	27	129	<20
S436433		20	0.16	<10	0.33	1600	<1	2.32	<1	820	<2	0.38	<5	26	137	<20
S436434		20	0.13	<10	0.42	1750	<1	2.03	<1	840	3	0.38	<5	24	123	<20
S436435		20	0.46	40	0.75	1800	<1	1.66	<1	950	2	0.49	<5	26	98	<20
S436436		20	0.49	10	0.86	1680	<1	2.22	<1	1460	5	0.12	<5	30	95	<20
S436437		20	0.08	10	0.90	1840	<1	2.62	<1	1760	2	0.08	<5	42	104	<20
S436438		20	0.08	10	0.98	1830	<1	2.51	<1	1820	6	0.01	<5	49	106	<20
S436439		20	0.14	10	1.07	1560	<1	2.97	<1	880	6	<0.01	<5	46	87	<20
S436440		20	1.21	10	1.64	929	8	2.41	45	840	49	0.16	9	17	300	<20
S436441		20	0.11	10	0.98	1700	<1	2.60	<1	1420	5	0.01	5	37	104	<20
S436442		20	0.14	10	0.97	1620	<1	2.76	<1	1550	<2	0.02	<5	57	88	<20
S436443		20	0.65	<10	0.10	747	<1	3.49	<1	70	3	0.01	<5	3	71	<20
S436444		20	0.81	<10	0.10	662	1	3.00	<1	40	4	0.02	5	1	82	<20
S436445		20	0.16	<10	1.12	1310	1	3.21	<1	420	38	0.12	<5	67	53	<20
S436446		20	0.33	10	1.01	1580	<1	2.59	<1	1240	8	0.07	<5	47	86	<20
S436447		20	0.53	10	0.64	2010	<1	1.93	<1	1700	2	0.09	<5	38	92	<20
S436448		20	0.37	10	0.55	1980	<1	2.00	<1	1770	4	0.06	<5	37	86	<20
S436449		20	0.31	10	0.53	1950	<1	2.03	<1	1830	<2	0.02	<5	36	98	<20
S436450		20	0.46	10	0.60	2010	<1	1.77	<1	1900	3	0.23	<5	34	105	<20
S436451		20	0.25	10	0.81	1710	<1	1.89	<1	2230	4	<0.01	<5	42	98	<20
S436452		20	0.13	10	0.76	1700	<1	2.07	<1	2040	3	<0.01	<5	39	95	<20
S436453		20	0.16	10	0.78	2110	<1	1.46	<1	2030	2	0.08	<5	35	101	<20
S436454		20	0.14	10	0.68	2320	<1	1.24	<1	2070	6	0.02	<5	36	127	<20
S436455		20	0.18	10	0.35	2300	<1	1.37	<1	1970	4	0.20	<5	36	150	<20
S436456		20	0.20	10	0.21	1700	1	2.27	<1	950	3	0.38	<5	26	142	<20
S436457		20	0.28	10	0.39	2320	<1	1.31	<1	1920	2	0.28	<5	42	190	<20
S436458		20	0.16	10	0.42	2430	<1	0.85	<1	2080	4	0.11	<5	37	198	<20
S436459		20	0.15	10	0.35	2290	<1	1.47	<1	1860	4	0.12	<5	34	176	<20
S436460		20	0.24	10	0.36	2190	<1	1.71	<1	1820	3	0.11	<5	33	127	<20
S436461		20	0.18	90	0.55	2340	<1	1.44	2	1870	2	0.19	<5	34	77	<20
S436462		20	0.74	10	0.43	2110	<1	1.09	<1	2010	3	0.22	<5	35	75	<20
S436463		20	0.29	10	0.33	1750	<1	2.14	<1	1330	2	0.13	<5	36	101	<20
S436464		20	0.35	10	0.40	2160	<1	1.53	<1	2010	<2	0.14	<5	36	139	<20
S436465		20	0.28	10	0.41	2110	<1	1.35	<1	1900	3	0.11	<5	36	185	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170895

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436426		0.36	<10	<10	<1	10	40
S436427		0.40	<10	<10	<1	40	36
S436428		0.38	<10	<10	<1	10	30
S436429		0.41	<10	<10	<1	<10	38
S436430		0.40	10	<10	<1	<10	42
S436431		0.41	<10	<10	<1	<10	52
S436432		0.41	<10	<10	<1	<10	39
S436433		0.45	<10	<10	<1	<10	43
S436434		0.42	<10	<10	<1	<10	54
S436435		0.47	<10	<10	<1	<10	67
S436436		0.68	<10	<10	<1	<10	63
S436437		0.69	<10	<10	<1	<10	55
S436438		0.72	<10	<10	<1	<10	51
S436439		0.62	<10	<10	<1	<10	46
S436440		0.40	<10	<10	152	40	313
S436441		0.65	<10	<10	<1	<10	46
S436442		0.74	<10	<10	<1	<10	45
S436443		0.73	<10	<10	<1	<10	7
S436444		0.70	<10	<10	<1	<10	6
S436445		0.79	<10	<10	<1	<10	48
S436446		0.71	<10	<10	<1	<10	43
S436447		0.69	<10	<10	<1	<10	48
S436448		0.70	<10	<10	1	<10	46
S436449		0.70	<10	<10	<1	<10	46
S436450		0.72	<10	<10	<1	<10	49
S436451		0.79	<10	<10	<1	<10	39
S436452		0.73	<10	<10	1	<10	38
S436453		0.71	<10	<10	<1	<10	53
S436454		0.74	10	<10	<1	<10	55
S436455		0.66	10	<10	<1	<10	55
S436456		0.41	<10	<10	<1	<10	42
S436457		0.70	<10	<10	<1	<10	58
S436458		0.70	10	<10	<1	<10	59
S436459		0.69	<10	<10	<1	<10	51
S436460		0.68	<10	<10	<1	<10	51
S436461		0.69	<10	<10	<1	<10	62
S436462		0.70	<10	<10	<1	<10	60
S436463		0.53	<10	<10	<1	<10	48
S436464		0.72	<10	<10	<1	<10	50
S436465		0.71	10	<10	<1	<10	51

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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170895

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436466		0.78	<0.005		<0.5	7.91	<5	910	1.2	<2	2.49	0.7	20	94	45	5.79
S436467		1.83	<0.005		<0.5	6.02	28	100	0.7	<2	6.03	1.1	35	5	24	12.60
S436468		2.71	<0.005		<0.5	6.42	26	90	0.6	<2	5.84	1.8	37	3	43	14.75
S436469		2.94	<0.005		<0.5	6.30	24	50	0.6	2	5.53	1.8	33	2	34	14.00
S436470		2.38	<0.005		<0.5	6.63	20	260	0.5	<2	5.35	1.8	27	3	33	13.90
S436471		0.84	0.013		<0.5	6.11	2030	110	0.9	<2	6.24	1.4	24	25	37	11.95
S436472		1.24	<0.005		<0.5	6.75	27	30	0.6	<2	4.50	1.4	26	7	24	13.40
S436473		2.94	0.026		<0.5	6.37	40	60	0.5	3	5.30	1.6	23	3	32	13.20

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Finalisée date: 24- OCT- 2016
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CERTIFICAT D'ANALYSE SD16170895

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436466		20	1.85	40	1.93	646	1	2.15	54	850	16	0.10	<5	22	431	<20
S436467		20	0.32	10	0.50	2450	<1	1.08	<1	2530	4	0.11	<5	40	221	<20
S436468		20	0.34	10	0.68	2900	<1	0.93	<1	3360	4	0.21	<5	44	217	<20
S436469		20	0.20	10	0.72	2830	<1	1.11	<1	2990	3	0.17	<5	40	177	<20
S436470		20	0.08	10	0.74	2770	<1	2.02	<1	3040	5	0.13	<5	36	110	<20
S436471		20	0.09	10	0.65	2400	<1	2.46	7	2170	<2	0.27	<5	27	89	<20
S436472		20	0.08	10	0.66	2470	<1	2.34	<1	2820	5	0.10	<5	37	146	<20
S436473		20	0.11	10	0.70	2520	<1	1.68	<1	2830	8	0.14	<5	36	178	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 24- OCT- 2016
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CERTIFICAT D'ANALYSE SD16170895

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436466		0.55	<10	<10	145	<10	112
S436467		0.82	<10	<10	<1	<10	60
S436468		1.08	<10	<10	1	<10	74
S436469		0.96	10	<10	2	<10	73
S436470		0.94	<10	<10	4	<10	74
S436471		0.70	<10	<10	8	<10	63
S436472		0.91	<10	<10	3	<10	67
S436473		0.91	<10	<10	2	<10	66

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16170895

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.

Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:

CRU- 32	CRU- QC	LOG- 22	LOG- 24
PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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Finalisée date: 4- OCT- 2016
Compte: MIDEXP

CERTIFICAT VO16164419

Projet: WILLBOB

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- SEPT- 2016.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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2103 Dollarton Hwy
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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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Finalisée date: 4- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16164419

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05
S436951		1.87	0.035	
S436952		1.38	0.021	
S436953		1.98	<0.005	
S436954		2.00	0.105	
S436955		1.53	0.358	
S436956		2.30	0.726	
S436957		1.32	<0.005	
S436958		1.39	0.451	
S436959		1.85	0.294	
S436960		1.25	4.11	4.98
S436961		1.72	0.530	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 4- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16164419

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	PUL- 32	PUL- QC
SPL- 21	WEI- 21		

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

CERTIFICAT VO16170940

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 141 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- OCT- 2016.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436474		2.24	<0.005		<0.5	6.50	22	80	0.6	<2	5.29	1.8	29	3	24	14.25
S436475		3.30	<0.005		<0.5	6.65	31	80	0.6	<2	5.37	1.7	35	2	31	12.65
S436476		2.60	<0.005		<0.5	6.50	19	40	0.5	<2	4.82	2.3	34	4	64	14.50
S436477		2.44	<0.005		<0.5	6.49	21	70	0.6	<2	5.62	2.1	32	1	30	14.55
S436478		2.44	<0.005		<0.5	6.35	26	90	0.5	<2	5.27	1.5	37	5	36	14.75
S436479		2.29	<0.005		<0.5	6.58	32	70	0.5	3	4.43	1.8	39	8	62	15.40
S436480		1.11	0.198		<0.5	1.39	513	30	<0.5	<2	19.8	0.7	6	3	13	3.58
S436481		2.75	<0.005		<0.5	6.44	31	80	0.5	<2	4.84	1.6	39	1	33	14.50
S436482		0.77	0.047		<0.5	6.26	1280	30	0.5	<2	7.59	1.5	35	2	25	11.60
S436483		2.15	0.005		<0.5	6.40	41	50	0.5	<2	5.35	1.4	54	2	189	12.95
S436484		0.73	<0.005		<0.5	8.04	<5	1200	1.1	<2	2.55	0.8	20	105	29	6.35
S436485		3.72	<0.005		<0.5	6.39	29	50	0.5	<2	5.16	1.7	40	2	72	14.60
S436486		1.95	0.275		<0.5	6.40	20	40	0.5	<2	4.40	2.1	39	2	68	15.75
S436487		1.11	2.60		<0.5	6.58	25	30	0.5	<2	5.28	1.4	36	3	256	15.75
S436488		0.79	0.766		<0.5	3.62	>10000	30	<0.5	<2	17.1	1.7	15	5	48	8.23
S436489		2.15	0.116		<0.5	6.44	45	80	0.5	<2	4.40	1.8	42	1	50	15.35
S436490		1.19	<0.005		<0.5	6.36	32	70	0.5	5	5.35	1.8	44	2	48	15.20
S436491		1.78	0.032		<0.5	6.45	57	90	0.5	6	5.23	1.7	50	5	58	15.75
S436492		1.83	0.014		<0.5	6.65	35	90	0.5	3	4.71	1.7	45	2	49	16.15
S436493		2.31	0.007		<0.5	6.68	26	50	0.5	2	5.15	2.2	41	2	63	14.40
S436494		2.97	<0.005		<0.5	6.54	36	70	0.5	<2	4.46	1.7	52	3	45	15.30
S436495		3.01	0.039		<0.5	6.57	327	60	0.5	<2	4.85	<0.5	46	5	54	14.80
S436496		2.59	<0.005		<0.5	6.69	50	50	<0.5	<2	4.93	<0.5	52	7	48	17.10
S436497		1.10	0.044		<0.5	6.62	55	30	<0.5	5	3.83	0.5	53	7	37	16.80
S436498		1.28	1.820		<0.5	6.56	642	20	<0.5	<2	4.17	<0.5	55	10	132	17.70
S436499		0.87	1.985		<0.5	6.22	438	40	<0.5	<2	4.31	0.5	52	7	99	17.50
S436500		0.11	4.08	NSS	0.9	6.90	32	610	0.8	<2	2.51	1.1	17	64	151	5.31
S436501		0.88	0.007		<0.5	6.83	54	20	<0.5	3	3.66	<0.5	55	5	23	16.90
S436502		0.86	0.092		<0.5	6.86	1760	30	0.5	7	5.08	<0.5	45	11	78	13.90
S436503		1.76	<0.005		<0.5	6.94	44	80	0.5	<2	3.63	0.6	53	9	77	17.55
S436504		1.92	<0.005		<0.5	6.96	34	120	0.5	2	4.20	0.5	51	9	59	16.35
S436505		3.37	<0.005		<0.5	7.12	31	100	<0.5	2	4.32	0.5	54	5	39	16.35
S436506		3.48	<0.005		<0.5	6.80	30	120	<0.5	2	3.94	<0.5	58	5	37	16.65
S436507		3.59	<0.005		<0.5	6.77	29	120	<0.5	<2	4.26	<0.5	56	5	37	15.80
S436508		3.51	<0.005		<0.5	6.77	45	90	<0.5	<2	4.00	<0.5	59	5	34	16.55
S436509		2.54	<0.005		<0.5	6.91	44	40	<0.5	5	4.25	0.5	58	5	38	16.45
S436510		3.49	<0.005		<0.5	7.20	33	20	<0.5	<2	4.48	<0.5	41	4	24	13.20
S436511		0.77	0.009		<0.5	7.11	1170	30	0.5	<2	6.67	<0.5	32	4	147	10.80
S436512		0.77	0.701		<0.5	7.66	16	30	0.5	<2	4.95	<0.5	32	6	151	11.05
S436513		0.74	0.511		<0.5	7.52	>10000	40	0.6	<2	7.32	0.5	29	5	84	8.86

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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436474		20	0.25	10	0.79	2710	<1	1.23	<1	3060	<2	0.12	<5	40	216	<20
S436475		20	0.23	10	0.76	2540	<1	1.82	<1	2760	2	0.15	<5	34	194	<20
S436476		20	0.15	10	1.25	2830	<1	1.31	<1	3220	5	0.34	<5	35	127	<20
S436477		20	0.35	10	0.89	2800	<1	1.56	<1	3310	3	0.17	<5	36	172	<20
S436478		20	0.41	10	0.99	2870	<1	1.40	<1	3090	6	0.15	<5	41	161	<20
S436479		20	0.31	10	1.01	2820	<1	1.97	<1	3620	3	0.27	<5	34	106	<20
S436480		<10	0.05	<10	0.26	1950	1	0.39	<1	590	4	0.09	<5	11	221	<20
S436481		20	0.39	10	1.07	2760	<1	1.86	<1	3300	2	0.20	<5	28	92	<20
S436482		20	0.10	10	1.02	2460	<1	2.21	<1	2820	2	0.18	<5	24	135	<20
S436483		20	0.28	10	0.91	2210	<1	2.07	1	3040	<2	0.61	<5	26	113	<20
S436484		20	2.09	40	1.85	791	1	2.21	50	1080	19	0.08	<5	22	467	<20
S436485		20	0.29	10	1.04	2630	<1	1.73	<1	3500	3	0.26	<5	25	110	<20
S436486		20	0.27	10	1.08	2750	<1	1.80	1	3700	5	0.49	<5	19	115	<20
S436487		20	0.25	10	1.12	2340	<1	2.44	1	3770	5	1.83	<5	20	158	<20
S436488		10	0.16	10	0.55	3210	<1	1.49	1	2010	11	1.09	<5	22	384	<20
S436489		20	0.41	10	1.08	2510	<1	1.93	<1	3930	2	0.29	<5	19	155	<20
S436490		20	0.36	10	1.05	2660	<1	1.99	<1	3940	3	0.23	<5	19	187	<20
S436491		20	0.43	10	1.11	2670	<1	1.74	<1	3850	4	1.19	<5	19	169	<20
S436492		20	0.48	10	1.19	2690	<1	1.65	1	3880	2	0.17	<5	18	141	<20
S436493		20	0.24	10	1.12	2440	<1	2.05	1	3800	<2	0.20	<5	16	136	<20
S436494		20	0.34	10	1.26	2590	<1	1.74	<1	4030	2	0.15	<5	18	104	<20
S436495		20	0.24	<10	1.16	2430	<1	2.07	2	660	<2	0.21	<5	23	120	<20
S436496		20	0.22	<10	1.44	2780	<1	1.60	4	450	<2	0.18	<5	27	100	<20
S436497		20	0.14	<10	1.35	2720	<1	1.93	2	420	<2	0.31	<5	19	84	<20
S436498		20	0.07	<10	1.42	2750	<1	1.75	4	430	2	1.31	<5	20	74	<20
S436499		20	0.11	<10	1.39	2890	<1	1.31	3	420	<2	0.77	<5	19	76	<20
S436500		20	1.13	10	1.54	880	7	2.26	44	780	44	0.15	8	16	281	<20
S436501		20	0.06	<10	1.32	2730	<1	1.84	3	440	<2	0.09	7	20	71	<20
S436502		20	0.11	<10	0.98	2400	1	2.84	3	490	<2	0.41	5	18	121	<20
S436503		20	0.25	<10	1.48	2870	1	1.64	16	450	11	0.24	<5	19	127	<20
S436504		20	0.32	<10	1.38	2800	<1	1.83	3	430	<2	0.23	<5	18	150	<20
S436505		20	0.28	<10	1.48	2740	<1	1.84	2	460	<2	0.17	<5	19	144	<20
S436506		20	0.36	<10	1.59	2840	<1	1.56	2	440	<2	0.16	<5	19	137	<20
S436507		20	0.35	<10	1.53	2710	<1	1.69	2	410	3	0.17	<5	18	148	<20
S436508		20	0.31	<10	1.66	2830	<1	1.59	3	420	2	0.18	<5	19	141	<20
S436509		20	0.11	<10	1.62	2820	<1	1.70	2	410	4	0.18	<5	21	88	<20
S436510		20	0.08	<10	1.59	2320	<1	2.40	2	420	<2	0.13	<5	35	94	<20
S436511		20	0.10	<10	1.36	2000	<1	3.29	2	430	<2	1.05	<5	36	177	<20
S436512		20	0.14	<10	1.39	1800	<1	3.59	<1	440	<2	0.96	<5	37	138	<20
S436513		20	0.17	<10	1.01	1650	<1	4.14	1	390	<2	1.24	<5	30	211	<20

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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436474		0.98	<10	<10	2	<10	74
S436475		0.89	<10	<10	2	<10	65
S436476		1.00	10	<10	2	<10	84
S436477		1.04	<10	<10	2	<10	69
S436478		1.04	<10	<10	3	<10	68
S436479		1.08	<10	<10	3	<10	69
S436480		0.18	<10	<10	3	<10	35
S436481		1.03	<10	<10	2	<10	101
S436482		0.90	<10	<10	5	<10	89
S436483		0.96	10	<10	4	<10	104
S436484		0.55	<10	<10	146	<10	103
S436485		1.04	<10	<10	3	<10	79
S436486		1.01	10	<10	2	<10	78
S436487		1.03	<10	<10	15	<10	71
S436488		0.53	<10	<10	5	<10	35
S436489		1.04	<10	<10	3	<10	70
S436490		1.04	<10	<10	1	<10	66
S436491		1.04	10	<10	1	<10	66
S436492		1.04	10	<10	<1	<10	68
S436493		1.02	<10	<10	3	<10	53
S436494		1.08	10	<10	3	<10	57
S436495		1.00	<10	<10	4	<10	56
S436496		1.01	<10	<10	6	<10	64
S436497		0.95	<10	<10	5	<10	70
S436498		0.98	<10	<10	10	<10	79
S436499		0.96	<10	<10	7	<10	79
S436500		0.38	<10	<10	142	30	294
S436501		0.94	<10	<10	4	<10	76
S436502		1.12	<10	<10	11	<10	59
S436503		0.99	<10	<10	9	<10	93
S436504		1.10	<10	<10	5	<10	78
S436505		0.97	<10	<10	3	<10	83
S436506		0.85	<10	<10	2	<10	89
S436507		0.86	<10	<10	2	<10	85
S436508		0.84	<10	<10	2	<10	85
S436509		0.89	10	<10	2	<10	94
S436510		0.86	<10	<10	8	<10	87
S436511		0.77	<10	<10	23	<10	62
S436512		0.80	10	<10	15	<10	63
S436513		0.66	<10	<10	17	<10	46

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CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436514		1.43	0.064		<0.5	7.66	212	50	0.6	<2	4.75	<0.5	28	5	160	10.05
S436515		1.17	0.009		<0.5	7.10	287	70	0.7	2	4.76	<0.5	35	7	137	7.93
S436516		2.38	0.010		<0.5	8.33	285	50	0.6	4	5.26	<0.5	38	8	83	10.85
S436517		2.92	0.006		<0.5	6.87	44	80	<0.5	4	5.01	<0.5	47	7	68	12.55
S436518		1.12	<0.005		<0.5	6.17	23	170	<0.5	3	8.83	0.6	38	6	60	11.25
S436519		1.85	<0.005		<0.5	7.01	17	90	<0.5	3	4.22	<0.5	42	5	47	13.05
S436520		0.73	<0.005		<0.5	8.36	<5	880	1.3	2	3.11	<0.5	23	95	100	6.64
S436521		2.21	<0.005		<0.5	6.58	11	320	<0.5	4	4.57	<0.5	42	3	40	13.30
S436522		1.20	0.708		0.8	5.75	53	240	1.1	<2	1.27	<0.5	13	11	66	8.05
S436523		2.71	0.014		<0.5	5.85	10	150	0.9	<2	1.49	<0.5	14	10	15	8.61
S436524		0.82	0.020		<0.5	5.26	10	150	0.9	<2	2.15	<0.5	10	10	9	7.48
S436525		2.55	<0.005		<0.5	6.15	13	140	0.8	<2	1.41	<0.5	16	8	4	9.04
S436526		2.90	<0.005		<0.5	5.88	15	140	0.8	<2	2.31	<0.5	14	9	3	7.22
S436527		2.12	0.015		<0.5	5.72	18	200	0.9	<2	1.88	<0.5	16	13	24	7.60
S436528		1.68	0.006		<0.5	5.74	15	80	0.7	<2	1.52	<0.5	15	11	8	7.22
S436529		3.44	<0.005		<0.5	5.60	10	30	0.9	<2	1.98	<0.5	13	7	4	7.80
S436530		3.20	<0.005		<0.5	5.56	10	40	1.0	<2	2.24	<0.5	12	8	1	7.75
S436531		3.17	0.006		<0.5	5.33	6	60	1.0	2	2.39	<0.5	10	7	7	7.07
S436532		3.51	<0.005		<0.5	5.04	5	50	0.9	<2	2.18	<0.5	11	6	3	6.69
S436533		3.22	<0.005		<0.5	5.66	<5	50	0.8	<2	1.74	<0.5	12	8	3	7.72
S436534		3.27	<0.005		<0.5	5.54	8	30	0.8	<2	1.83	<0.5	11	8	3	6.67
S436535		2.33	<0.005		<0.5	5.70	11	50	0.7	3	1.87	<0.5	12	7	1	6.39
S436536		1.56	<0.005		<0.5	5.02	5	690	2.5	2	7.43	<0.5	4	10	1	3.25
S436537		2.70	<0.005		<0.5	5.54	7	230	1.2	<2	2.66	<0.5	9	11	2	6.45
S436538		3.21	<0.005		<0.5	5.60	<5	80	0.8	<2	2.08	<0.5	9	6	2	6.87
S436539		1.27	0.025		<0.5	5.66	7	380	1.1	<2	2.90	<0.5	8	10	5	7.31
S436540		0.12	3.94	4.26	0.9	6.97	34	600	0.8	<2	2.49	0.9	17	63	150	5.29
S436541		3.90	0.771		<0.5	5.83	12	340	1.1	<2	2.61	<0.5	12	9	25	7.51
S436542		0.77	3.14	2.98	<0.5	5.21	16	380	1.1	<2	2.09	<0.5	17	11	101	7.73
S436543		3.36	<0.005		<0.5	5.11	11	190	0.8	2	2.02	<0.5	15	10	11	7.87
S436544		3.07	<0.005		<0.5	5.06	9	90	0.8	<2	2.27	<0.5	10	7	3	7.58
S436545		3.20	<0.005		<0.5	5.06	7	80	0.8	<2	2.59	<0.5	11	6	1	7.94
S436546		1.77	0.780		<0.5	5.44	7	270	0.9	<2	2.76	<0.5	12	11	48	7.63
S436547		1.15	3.49	3.66	<0.5	5.52	15	210	0.8	<2	2.69	<0.5	9	12	88	6.70
S436548		0.86	0.206		<0.5	5.88	18	300	0.9	<2	8.74	<0.5	6	4	5	8.77
S436549		2.16	4.02	4.23	1.5	5.60	75	280	1.0	<2	1.74	<0.5	18	12	132	8.69
S436550		1.58	0.194		<0.5	5.42	27	260	0.9	<2	1.98	<0.5	10	9	26	7.45
S436551		1.57	0.007		<0.5	5.67	8	280	1.1	<2	2.73	<0.5	9	8	1	7.36
S436552		1.18	0.008		<0.5	4.35	<5	120	0.6	<2	2.40	<0.5	8	15	1	6.39
S436553		2.34	<0.005		<0.5	5.74	8	230	1.2	<2	2.39	<0.5	8	10	4	6.07

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CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436514		20	0.20	<10	1.11	1660	<1	3.74	<1	450	<2	0.82	<5	33	138	<20
S436515		20	0.32	<10	0.74	1315	<1	3.76	4	510	3	0.85	<5	26	149	<20
S436516		20	0.19	<10	1.09	1885	<1	3.44	<1	430	<2	0.37	<5	35	184	<20
S436517		20	0.42	<10	1.38	2240	<1	2.31	<1	440	<2	0.28	<5	40	167	<20
S436518		20	0.46	<10	1.24	2130	<1	2.02	1	370	<2	0.28	<5	37	175	<20
S436519		20	0.52	<10	1.45	2160	<1	2.05	1	470	2	0.26	<5	43	176	<20
S436520		20	1.63	20	2.00	831	2	2.57	56	1290	13	0.23	<5	22	578	<20
S436521		20	0.58	<10	1.55	2340	<1	2.14	1	550	2	0.20	5	52	150	<20
S436522		20	0.90	40	0.27	1180	<1	2.77	1	350	2	0.50	<5	14	130	<20
S436523		20	0.29	10	0.31	1350	<1	2.85	2	360	4	0.19	<5	12	141	<20
S436524		20	0.33	20	0.44	1560	<1	2.38	<1	270	<2	0.14	<5	10	129	<20
S436525		30	0.36	10	0.60	1170	<1	2.36	2	340	<2	0.08	<5	16	103	<20
S436526		20	0.55	<10	0.46	1355	<1	2.86	2	360	<2	0.02	<5	15	128	<20
S436527		20	0.42	<10	0.51	1400	<1	2.57	4	290	2	0.31	<5	18	103	<20
S436528		20	0.13	<10	0.42	1125	<1	3.01	1	370	<2	0.10	<5	15	89	<20
S436529		20	0.03	<10	0.30	1205	<1	2.77	<1	350	2	0.07	<5	17	140	<20
S436530		20	0.03	<10	0.17	1155	<1	2.80	<1	260	2	0.01	<5	12	177	<20
S436531		20	0.04	10	0.11	1505	<1	2.87	5	270	4	0.03	<5	12	178	<20
S436532		20	0.04	10	0.16	1195	<1	2.51	<1	290	4	0.02	<5	12	165	<20
S436533		20	0.06	10	0.32	1155	<1	2.76	1	310	<2	0.03	<5	12	126	<20
S436534		20	0.03	10	0.31	1160	<1	3.01	1	300	<2	0.03	<5	12	132	<20
S436535		20	0.05	10	0.35	1170	<1	3.20	1	430	<2	<0.01	<5	14	115	<20
S436536		30	1.33	<10	0.06	880	<1	0.82	1	60	6	0.01	<5	6	251	<20
S436537		20	0.41	<10	0.28	1340	<1	2.59	1	230	4	0.02	<5	13	165	<20
S436538		20	0.10	10	0.23	1280	<1	3.02	1	290	2	0.05	<5	12	154	<20
S436539		20	0.98	<10	0.27	1855	<1	2.44	1	340	<2	0.06	<5	11	140	<20
S436540		20	1.13	10	1.52	873	7	2.25	43	780	49	0.15	8	16	277	<20
S436541		20	1.06	10	0.21	1575	<1	2.53	2	360	5	0.45	<5	13	149	<20
S436542		20	0.94	10	0.11	1375	<1	2.02	2	380	5	1.57	<5	11	128	<20
S436543		20	0.26	10	0.03	1520	1	2.95	<1	340	3	0.18	<5	12	153	<20
S436544		20	0.12	10	0.03	1335	<1	3.03	<1	360	5	0.03	<5	11	163	<20
S436545		20	0.09	10	0.03	1500	<1	2.95	<1	350	3	0.01	<5	12	172	<20
S436546		20	0.66	10	0.07	1345	<1	2.34	1	350	3	0.68	<5	14	152	<20
S436547		20	0.79	10	0.16	1160	<1	2.83	<1	350	6	1.34	<5	15	137	<20
S436548		30	1.14	10	0.36	2060	<1	2.10	<1	220	4	0.25	<5	17	230	<20
S436549		20	0.98	10	0.15	1325	<1	2.65	2	390	5	2.03	<5	16	100	<20
S436550		20	0.66	10	0.14	1530	<1	2.77	1	380	2	0.69	<5	14	98	<20
S436551		20	0.75	10	0.33	1730	1	2.32	1	390	<2	0.01	<5	17	93	<20
S436552		20	0.40	10	0.33	1555	<1	2.02	1	280	<2	<0.01	<5	10	78	<20
S436553		20	0.86	10	0.34	1490	<1	2.51	1	370	2	0.06	<5	16	79	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436514		0.85	<10	<10	15	<10	56
S436515		0.73	<10	<10	13	<10	41
S436516		1.51	<10	<10	14	<10	57
S436517		1.75	10	<10	17	<10	64
S436518		1.64	<10	<10	17	<10	55
S436519		1.82	<10	<10	22	<10	63
S436520		0.54	<10	<10	161	<10	117
S436521		1.61	<10	<10	25	<10	63
S436522		0.06	<10	<10	1	<10	27
S436523		0.12	<10	<10	<1	<10	53
S436524		0.08	<10	<10	<1	<10	50
S436525		0.08	<10	<10	<1	<10	69
S436526		0.10	<10	<10	2	<10	43
S436527		0.18	<10	<10	2	<10	50
S436528		0.20	<10	<10	<1	<10	48
S436529		0.28	<10	<10	<1	<10	55
S436530		0.24	<10	<10	<1	<10	53
S436531		0.24	<10	<10	<1	<10	48
S436532		0.24	<10	<10	<1	<10	45
S436533		0.25	<10	<10	<1	<10	53
S436534		0.25	<10	<10	<1	<10	44
S436535		0.29	<10	<10	<1	<10	41
S436536		0.21	<10	<10	<1	<10	13
S436537		0.25	<10	<10	<1	<10	36
S436538		0.23	<10	<10	<1	<10	42
S436539		0.13	<10	<10	<1	<10	33
S436540		0.38	<10	<10	144	40	293
S436541		0.17	<10	<10	<1	<10	36
S436542		0.14	<10	<10	<1	<10	33
S436543		0.23	<10	<10	<1	<10	41
S436544		0.24	<10	<10	<1	<10	43
S436545		0.26	<10	<10	<1	<10	47
S436546		0.28	<10	<10	<1	<10	39
S436547		0.24	<10	<10	1	<10	25
S436548		0.10	<10	<10	3	<10	40
S436549		0.19	<10	<10	<1	10	24
S436550		0.24	<10	<10	<1	10	27
S436551		0.30	<10	<10	<1	<10	37
S436552		0.18	<10	<10	1	<10	31
S436553		0.28	<10	<10	<1	<10	29

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CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436554		2.46	<0.005		<0.5	6.16	8	190	1.1	<2	2.18	<0.5	6	11	4	5.85
S436555		0.80	<0.005		<0.5	5.29	10	90	0.6	<2	2.20	<0.5	7	12	2	7.81
S436556		1.27	<0.005		<0.5	7.25	28	130	1.1	<2	2.41	<0.5	7	8	1	7.82
S436557		2.10	<0.005		<0.5	6.36	7	110	1.0	<2	2.54	<0.5	5	10	4	5.25
S436558		1.10	<0.005		<0.5	5.61	7	110	0.9	<2	2.24	<0.5	6	15	10	4.30
S436559		3.07	<0.005		<0.5	5.86	9	70	0.6	<2	1.67	<0.5	9	10	1	6.91
S436560		1.23	<0.005		<0.5	6.31	20	60	0.8	<2	1.52	<0.5	5	13	7	3.77
S436561		0.69	0.281		<0.5	4.64	774	70	0.6	<2	1.07	<0.5	11	17	17	8.40
S436562		1.05	<0.005		<0.5	7.88	5	1100	1.2	<2	2.93	<0.5	25	102	47	6.49
S436563		1.60	<0.005		<0.5	4.54	7	80	0.6	<2	1.38	<0.5	1	20	6	2.33
S436564		1.26	<0.005		<0.5	5.98	5	130	0.7	2	1.95	<0.5	5	12	1	5.67
S436565		0.86	0.010		<0.5	3.54	<5	90	0.5	<2	1.69	<0.5	61	15	341	20.1
S436566		0.86	0.011		<0.5	4.85	11	120	0.7	2	2.97	<0.5	8	14	42	7.57
S436567		1.92	0.032		<0.5	5.61	51	110	0.7	<2	1.48	<0.5	9	13	37	7.79
S436568		1.52	0.765		<0.5	3.39	>10000	20	<0.5	<2	3.38	<0.5	44	17	6	5.31
S436569		0.66	0.690		<0.5	1.79	>10000	10	<0.5	<2	0.69	<0.5	81	36	316	7.92
S436570		0.74	0.357		<0.5	3.35	>10000	10	<0.5	<2	0.30	<0.5	11	29	8	2.91
S436571		1.23	1.605		<0.5	7.19	>10000	60	0.9	<2	1.77	<0.5	68	9	8	9.40
S436572		0.85	5.56	6.26	0.6	6.53	>10000	80	0.9	2	1.23	<0.5	95	11	89	8.71
S436573		1.32	<0.005		<0.5	7.87	87	1030	1.2	2	2.69	<0.5	20	97	29	5.50
S436574		0.72	0.874		<0.5	6.41	6930	60	0.8	<2	0.99	<0.5	38	15	114	8.34
S436575		0.72	2.25		<0.5	6.97	>10000	90	1.1	<2	1.07	<0.5	61	9	16	7.98
S436576		0.92	0.284		<0.5	5.36	536	100	0.7	<2	1.65	<0.5	14	16	163	8.19
S436577		1.14	0.147		<0.5	4.84	25	280	0.8	<2	1.82	<0.5	10	22	10	7.33
S436578		1.39	2.49		<0.5	5.69	9600	110	0.7	<2	1.61	<0.5	16	14	84	7.65
S436579		0.66	0.130		<0.5	6.50	182	100	0.8	<2	0.62	<0.5	4	15	13	9.11
S436580		0.92	0.074		<0.5	4.78	3080	90	0.7	<2	4.74	<0.5	23	12	6	10.50
S436581		0.95	0.706		<0.5	5.46	26	270	1.1	<2	1.27	<0.5	5	14	86	6.28
S436582		1.18	<0.005		<0.5	5.27	13	140	0.8	<2	1.49	<0.5	11	10	7	7.79
S436583		2.01	<0.005		<0.5	5.03	14	80	0.8	2	2.20	<0.5	12	10	2	7.86
S436584		1.84	<0.005		<0.5	5.17	12	70	0.9	<2	2.15	<0.5	13	6	4	8.18
S436585		2.11	<0.005		<0.5	4.79	13	70	0.8	<2	2.18	<0.5	14	9	4	7.64
S436586		3.23	0.035		<0.5	4.81	10	60	0.7	<2	2.07	<0.5	9	8	2	8.49
S436587		1.09	0.345		<0.5	5.09	11	220	1.0	2	1.83	<0.5	12	9	20	8.35
S436588		1.99	0.451		<0.5	5.32	9	300	1.3	<2	0.81	<0.5	7	12	9	8.80
S436589		2.39	0.027		<0.5	5.33	12	210	1.1	3	3.10	<0.5	14	9	4	8.87
S436590		3.29	0.021		<0.5	5.35	9	140	1.0	<2	1.96	<0.5	11	9	7	8.33
S436591		2.02	<0.005		<0.5	5.14	11	70	1.0	<2	2.40	<0.5	12	9	4	8.41
S436592		2.20	0.005		<0.5	5.39	11	60	0.8	<2	2.14	<0.5	12	8	5	8.67
S436593		1.26	<0.005		<0.5	5.45	5	90	0.8	<2	1.95	<0.5	10	7	11	8.37

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CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436554		20	0.88	10	0.39	1185	<1	2.93	2	370	2	0.08	<5	21	89	<20
S436555		20	0.74	10	0.51	1215	<1	2.26	1	330	<2	0.06	<5	18	81	<20
S436556		30	1.02	10	0.47	1310	<1	3.97	1	420	3	0.01	<5	24	113	<20
S436557		20	0.75	10	0.37	1220	<1	3.97	<1	360	2	0.05	<5	17	98	<20
S436558		20	0.66	10	0.34	1295	<1	3.26	<1	280	2	0.22	<5	18	70	<20
S436559		20	0.42	10	0.57	1155	<1	2.81	2	370	3	0.01	<5	16	69	<20
S436560		20	0.34	10	0.22	666	<1	4.46	2	220	5	0.37	<5	18	79	<20
S436561		10	0.33	<10	0.11	484	<1	3.30	1	80	13	7.57	<5	11	58	<20
S436562		20	1.79	20	2.14	753	1	2.46	56	1140	10	0.11	5	20	600	<20
S436563		10	0.40	10	0.11	528	<1	3.07	1	40	<2	0.16	<5	4	62	<20
S436564		20	0.73	20	0.33	851	<1	3.06	<1	220	2	0.01	<5	16	93	<20
S436565		10	0.58	10	0.22	944	<1	2.00	7	320	<2	7.17	<5	11	68	<20
S436566		20	0.84	10	0.40	1555	<1	2.58	1	390	4	0.49	<5	16	104	<20
S436567		20	0.79	10	0.34	1370	<1	3.33	2	460	3	0.49	<5	16	90	<20
S436568		10	0.09	<10	0.26	1240	1	2.73	1	270	2	0.98	8	7	92	<20
S436569		<10	0.04	<10	0.07	497	1	1.43	5	210	6	3.56	12	2	31	<20
S436570		<10	0.01	<10	0.02	156	1	2.86	2	340	4	1.19	<5	1	45	<20
S436571		10	0.28	10	0.14	596	1	5.82	2	540	6	5.79	13	6	117	<20
S436572		10	0.45	10	0.16	623	1	4.66	3	530	13	3.56	12	9	107	<20
S436573		20	1.74	30	1.78	622	<1	2.44	47	940	10	0.08	6	18	517	<20
S436574		10	0.40	<10	0.22	921	<1	4.66	4	460	<2	2.47	<5	10	109	<20
S436575		20	0.51	<10	0.23	822	<1	4.92	1	540	3	2.13	6	10	128	<20
S436576		20	0.48	<10	0.16	1100	<1	3.55	3	350	2	1.81	<5	11	103	<20
S436577		20	0.49	<10	0.04	1740	<1	3.43	2	390	<2	0.15	<5	13	125	<20
S436578		20	0.60	10	0.20	1315	1	3.74	3	360	3	1.34	<5	13	110	<20
S436579		20	0.67	10	0.35	1520	<1	4.27	3	440	<2	0.20	<5	15	96	<20
S436580		10	0.55	<10	0.55	2350	<1	3.12	<1	310	4	0.99	<5	16	152	<20
S436581		20	0.93	<10	0.14	1140	<1	3.03	<1	340	4	0.70	<5	13	105	<20
S436582		20	0.24	<10	0.04	1595	<1	3.26	<1	320	2	0.08	<5	13	135	<20
S436583		20	0.11	<10	0.05	1575	<1	3.09	<1	310	3	0.03	<5	12	163	<20
S436584		20	0.10	<10	0.04	1615	<1	3.14	<1	340	3	0.06	<5	13	165	<20
S436585		20	0.10	<10	0.03	1580	<1	3.00	2	340	3	0.05	<5	12	164	<20
S436586		20	0.10	<10	0.04	1630	<1	2.86	2	410	5	0.01	<5	11	147	<20
S436587		20	0.43	<10	0.11	1610	<1	2.78	3	490	5	0.36	<5	17	119	<20
S436588		20	0.86	<10	0.12	1745	<1	2.86	1	470	4	0.32	<5	12	105	<20
S436589		20	0.48	<10	0.11	1750	<1	2.80	2	450	4	0.06	<5	15	156	<20
S436590		20	0.19	<10	0.09	1740	<1	3.12	<1	420	<2	0.10	<5	15	165	<20
S436591		20	0.08	<10	0.11	1855	<1	2.80	1	430	6	0.04	<5	15	179	<20
S436592		20	0.07	<10	0.16	1775	<1	2.85	2	440	4	0.05	<5	14	159	<20
S436593		20	0.13	<10	0.28	1310	<1	2.51	1	490	2	0.14	<5	14	138	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436554		0.26	<10	<10	1	<10	31
S436555		0.15	<10	<10	2	<10	42
S436556		0.15	<10	<10	3	<10	39
S436557		0.16	<10	<10	1	<10	23
S436558		0.23	<10	<10	<1	<10	18
S436559		0.18	<10	<10	<1	<10	57
S436560		0.16	<10	<10	1	<10	19
S436561		0.10	<10	<10	1	<10	5
S436562		0.60	<10	<10	172	<10	127
S436563		0.14	<10	<10	2	<10	9
S436564		0.31	<10	<10	1	<10	45
S436565		0.11	<10	<10	3	<10	15
S436566		0.15	<10	<10	5	<10	28
S436567		0.17	<10	<10	3	<10	29
S436568		0.03	<10	<10	2	<10	14
S436569		0.03	<10	<10	1	<10	12
S436570		0.03	<10	<10	<1	<10	<2
S436571		0.09	<10	<10	4	<10	7
S436572		0.13	<10	<10	6	<10	13
S436573		0.53	<10	<10	140	<10	95
S436574		0.11	<10	<10	6	<10	21
S436575		0.11	<10	<10	7	<10	21
S436576		0.13	<10	<10	2	<10	23
S436577		0.29	<10	<10	<1	<10	29
S436578		0.16	<10	<10	1	<10	21
S436579		0.17	<10	<10	2	<10	32
S436580		0.11	<10	<10	1	<10	35
S436581		0.14	<10	<10	<1	<10	18
S436582		0.25	<10	<10	<1	<10	37
S436583		0.25	<10	<10	<1	<10	43
S436584		0.27	<10	<10	<1	<10	43
S436585		0.25	<10	<10	<1	<10	37
S436586		0.25	<10	<10	<1	<10	42
S436587		0.24	<10	<10	<1	<10	33
S436588		0.20	<10	<10	<1	<10	21
S436589		0.26	<10	<10	<1	<10	37
S436590		0.29	<10	<10	<1	<10	34
S436591		0.28	<10	<10	<1	<10	39
S436592		0.26	<10	<10	<1	<10	41
S436593		0.27	<10	<10	<1	<10	47

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436594		0.73	0.006		<0.5	5.39	14	60	0.7	<2	2.81	<0.5	14	10	20	8.73
S436595		3.07	<0.005		<0.5	5.43	9	40	0.9	<2	2.35	<0.5	14	9	5	8.80
S436596		3.28	0.006		<0.5	5.59	10	100	1.5	<2	2.08	<0.5	14	9	1	5.99
S436597		2.48	<0.005		<0.5	5.64	6	110	1.2	3	1.70	<0.5	13	12	1	6.90
S436598		2.63	<0.005		<0.5	5.60	7	90	0.9	<2	2.00	<0.5	10	12	1	7.71
S436599		2.43	<0.005		<0.5	5.42	10	180	1.0	3	2.28	<0.5	11	6	1	8.06
S436600		1.28	<0.005		<0.5	7.36	<5	1390	1.0	4	2.79	<0.5	25	134	73	7.23
S436601		1.88	<0.005		<0.5	5.47	8	190	0.8	<2	2.83	0.5	12	9	1	7.92
S436602		2.88	<0.005		<0.5	5.22	6	140	0.7	<2	2.08	<0.5	10	10	1	7.75
S436603		1.20	<0.005		<0.5	5.56	7	210	1.1	<2	2.25	<0.5	13	12	8	8.91
S436604		0.84	0.007		<0.5	5.66	20	90	0.8	<2	1.26	<0.5	30	8	21	12.85
S436605		1.41	<0.005		<0.5	5.29	9	90	0.8	4	2.24	<0.5	13	7	5	8.24
S436606		3.21	<0.005		<0.5	5.40	7	60	0.7	<2	2.35	<0.5	13	7	4	7.64
S436607		2.99	<0.005		<0.5	5.39	8	150	1.4	4	2.75	<0.5	12	9	4	7.46
S436608		3.28	<0.005		<0.5	5.33	11	160	1.1	4	3.35	<0.5	15	7	6	8.62
S436609		3.08	<0.005		<0.5	5.46	<5	110	0.9	<2	3.69	<0.5	13	7	7	7.92
S436610		3.11	<0.005		<0.5	5.84	<5	70	0.8	<2	3.95	<0.5	12	8	3	8.25
S436611		3.14	<0.005		<0.5	5.90	<5	120	0.9	<2	4.57	<0.5	12	5	1	8.91
S436612		1.50	<0.005		<0.5	5.66	<5	70	0.8	<2	4.05	<0.5	13	6	4	9.94
S436613		2.35	<0.005		<0.5	5.85	<5	50	0.9	<2	3.87	<0.5	13	8	5	9.96
S436614		2.77	<0.005		<0.5	5.91	<5	120	0.9	<2	3.84	<0.5	11	8	7	8.58

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À: EXPLORATION MIDLAND INC
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Finalisée date: 24- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436594		20	0.09	10	0.28	1315	<1	2.48	3	500	<2	0.22	5	14	136	<20
S436595		20	0.05	<10	0.33	1255	<1	2.51	1	510	2	0.06	<5	15	122	<20
S436596		20	0.16	10	0.35	1200	<1	3.24	<1	450	3	<0.01	<5	17	112	<20
S436597		20	0.18	50	0.40	1440	<1	3.09	3	310	2	<0.01	<5	13	131	<20
S436598		20	0.16	10	0.43	1620	<1	3.05	<1	450	2	<0.01	<5	20	115	<20
S436599		20	0.48	10	0.45	1525	<1	2.36	<1	480	<2	<0.01	<5	17	97	<20
S436600		20	1.78	20	2.50	858	1	2.06	67	1450	8	0.14	<5	22	539	<20
S436601		20	1.19	10	0.37	1510	<1	1.91	<1	430	<2	<0.01	<5	18	99	<20
S436602		20	0.96	<10	0.38	1330	<1	1.76	<1	400	<2	<0.01	<5	16	84	<20
S436603		20	1.27	10	0.45	1450	<1	1.21	3	480	2	<0.01	<5	19	81	<20
S436604		30	0.36	60	0.54	1265	<1	1.37	3	620	<2	0.30	<5	18	56	<20
S436605		20	0.35	10	0.37	1650	<1	2.39	<1	480	2	0.02	<5	16	103	<20
S436606		20	0.20	10	0.33	1480	<1	2.80	2	530	<2	0.02	<5	17	115	<20
S436607		20	0.57	30	0.57	1685	<1	2.54	1	620	<2	0.02	<5	27	119	<20
S436608		20	1.00	10	0.44	1730	<1	1.35	<1	670	<2	0.06	<5	29	116	<20
S436609		20	0.58	10	0.33	1475	<1	2.00	1	670	3	0.10	<5	26	145	<20
S436610		20	0.37	10	0.36	1630	<1	2.54	<1	980	2	0.03	<5	28	157	<20
S436611		20	0.55	10	0.41	1960	<1	2.12	<1	1140	<2	0.01	<5	32	157	<20
S436612		20	0.27	10	0.35	1935	1	2.09	<1	1130	<2	0.03	6	31	150	<20
S436613		20	0.23	10	0.26	1795	<1	2.44	<1	1180	<2	0.04	<5	30	137	<20
S436614		20	0.68	10	0.13	1565	<1	2.19	<1	1110	3	0.05	<5	30	137	<20

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Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16170940

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436594		0.29	<10	<10	<1	<10	47
S436595		0.27	<10	<10	<1	<10	48
S436596		0.27	<10	<10	<1	<10	30
S436597		0.28	<10	<10	<1	<10	32
S436598		0.34	<10	<10	<1	<10	37
S436599		0.29	<10	<10	<1	<10	42
S436600		0.65	<10	<10	180	<10	120
S436601		0.27	<10	<10	<1	<10	39
S436602		0.25	<10	<10	<1	<10	43
S436603		0.30	<10	<10	<1	<10	48
S436604		0.25	<10	<10	<1	<10	70
S436605		0.33	<10	<10	<1	<10	42
S436606		0.34	<10	<10	<1	<10	40
S436607		0.41	<10	<10	<1	<10	33
S436608		0.44	<10	<10	<1	<10	40
S436609		0.41	<10	<10	<1	<10	36
S436610		0.53	<10	<10	<1	<10	40
S436611		0.60	<10	<10	<1	<10	53
S436612		0.57	<10	<10	<1	<10	65
S436613		0.56	10	<10	<1	<10	59
S436614		0.62	<10	<10	<1	<10	47

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Finalisée date: 24- OCT- 2016
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CERTIFICAT D'ANALYSE VO16170940

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.

Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 31- OCT- 2016
Compte: MIDEXP

CERTIFICAT VO16173872

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 119 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 11- OCT- 2016.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

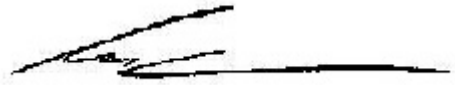
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 31- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16173872

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436719		2.46	<0.005		<0.5	6.72	15	100	<0.5	<2	5.49	0.8	46	7	71	12.10
S436720		1.14	<0.005		<0.5	8.18	<5	1160	1.3	<2	2.86	<0.5	21	94	49	4.97
S436721		2.18	<0.005		<0.5	6.68	9	140	<0.5	<2	5.77	0.8	51	6	70	12.85
S436722		2.26	<0.005		<0.5	6.50	7	120	<0.5	<2	4.93	0.6	57	4	58	12.55
S436723		2.25	<0.005		<0.5	6.26	5	110	<0.5	<2	5.82	0.6	43	3	49	12.10
S436724		2.13	<0.005		<0.5	6.78	<5	120	<0.5	<2	6.23	0.6	45	6	58	12.30
S436725		2.29	<0.005		<0.5	6.51	<5	100	<0.5	<2	5.98	0.6	46	4	65	12.15
S436726		2.27	<0.005		<0.5	6.42	5	110	<0.5	<2	5.03	0.5	44	2	40	12.00
S436727		2.39	<0.005		<0.5	6.21	9	100	<0.5	4	4.85	<0.5	43	3	34	11.75
S436728		2.15	<0.005		<0.5	6.68	21	110	<0.5	<2	7.40	0.5	50	6	60	12.35
S436729		2.31	<0.005		<0.5	6.76	31	110	<0.5	<2	4.54	0.6	50	3	40	12.80
S436730		2.08	<0.005		<0.5	6.41	28	50	<0.5	<2	5.49	0.6	47	1	24	11.60
S436731		2.18	<0.005		<0.5	6.65	31	30	<0.5	<2	6.02	0.6	51	4	61	11.75
S436732		2.23	<0.005		<0.5	6.66	27	70	<0.5	<2	5.73	0.5	49	3	55	11.85
S436733		2.27	<0.005		<0.5	6.72	13	80	<0.5	<2	5.13	0.8	45	<1	43	13.00
S436734		2.27	<0.005		<0.5	6.39	13	70	<0.5	<2	4.49	0.5	51	1	39	12.95
S436735		2.23	<0.005		<0.5	6.59	11	80	<0.5	2	5.30	0.6	45	<1	17	12.45
S436736		2.16	<0.005		<0.5	6.39	<5	60	<0.5	<2	4.81	0.6	39	<1	11	11.60
S436737		2.21	<0.005		<0.5	6.48	5	80	<0.5	<2	4.80	0.5	37	1	11	12.20
S436738		2.31	<0.005		<0.5	6.36	<5	60	0.6	4	5.41	0.7	43	1	50	12.55
S436739		2.05	<0.005		<0.5	6.39	16	70	<0.5	<2	7.56	0.6	41	3	26	10.90
S436740		1.28	<0.005		<0.5	7.94	<5	930	1.3	<2	2.80	<0.5	20	84	56	5.19
S436741		2.19	<0.005		<0.5	6.83	22	90	<0.5	<2	6.36	0.6	49	3	40	11.70
S436742		2.36	<0.005		<0.5	6.34	8	90	<0.5	3	7.58	0.8	52	4	101	12.90
S436743		2.23	0.010		<0.5	6.34	21	90	<0.5	<2	5.91	0.6	48	2	42	12.55
S436744		2.14	<0.005		<0.5	6.60	28	100	<0.5	<2	6.73	0.6	52	1	23	12.65
S436745		2.14	<0.005		<0.5	6.83	22	90	<0.5	<2	5.39	<0.5	50	2	52	12.55
S436746		2.55	0.027		<0.5	6.49	27	100	<0.5	4	6.05	0.7	52	2	56	13.00
S436747		2.37	0.018		<0.5	6.72	28	100	<0.5	2	5.61	0.5	55	2	53	13.50
S436748		2.32	<0.005		<0.5	6.63	26	100	<0.5	<2	5.97	0.7	53	2	33	12.80
S436749		2.34	<0.005		<0.5	7.04	25	80	<0.5	<2	5.24	0.6	54	3	51	12.90
S436750		2.24	<0.005		<0.5	6.72	14	90	<0.5	<2	7.10	0.7	49	4	66	12.10
S436751		2.34	<0.005		<0.5	7.05	26	80	<0.5	<2	5.88	0.6	54	1	46	12.45
S436752		2.29	<0.005		<0.5	6.46	27	90	<0.5	<2	5.62	0.6	57	3	59	12.95
S436753		2.25	<0.005		<0.5	7.28	32	70	<0.5	<2	6.15	0.5	51	4	53	12.00
S436754		2.25	<0.005		<0.5	6.99	37	90	<0.5	<2	6.37	0.7	51	4	85	11.55
S436755		2.26	0.010		<0.5	6.45	99	70	<0.5	2	5.39	0.6	52	4	62	12.15
S436756		2.30	<0.005		<0.5	6.95	35	80	<0.5	<2	5.75	0.6	53	4	48	12.35
S436757		2.31	<0.005		<0.5	6.87	42	70	<0.5	<2	4.84	<0.5	57	4	52	12.35
S436758		2.40	<0.005		<0.5	6.80	25	80	<0.5	<2	5.66	<0.5	47	2	60	12.45

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 31- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16173872

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436719		20	0.35	<10	1.46	2140	<1	2.42	2	400	6	0.25	<5	46	124	<20
S436720		20	2.04	30	1.81	519	<1	2.59	49	1070	21	0.10	<5	15	541	<20
S436721		20	0.56	<10	1.57	2340	<1	2.12	<1	430	3	0.23	<5	51	156	<20
S436722		20	0.53	<10	1.50	2040	1	1.77	1	380	6	0.32	<5	48	164	<20
S436723		20	0.49	<10	1.53	1970	<1	1.81	1	390	8	0.15	<5	48	159	<20
S436724		20	0.51	<10	1.47	2030	<1	1.90	<1	360	8	0.18	<5	47	183	<20
S436725		20	0.44	<10	1.52	1950	<1	1.81	<1	360	8	0.30	<5	46	171	<20
S436726		20	0.45	<10	1.59	1945	<1	2.14	<1	400	6	0.12	<5	50	132	<20
S436727		20	0.44	<10	1.57	1950	<1	2.10	<1	400	2	0.11	<5	49	119	<20
S436728		20	0.50	<10	1.54	2090	<1	1.68	<1	350	9	0.20	<5	48	207	<20
S436729		20	0.47	<10	1.71	2120	<1	2.03	<1	380	11	0.12	<5	52	142	<20
S436730		20	0.22	<10	1.65	2010	<1	2.30	<1	390	8	0.19	<5	49	82	<20
S436731		20	0.14	<10	1.54	1925	<1	2.51	<1	350	<2	0.26	<5	48	77	<20
S436732		20	0.30	<10	1.57	1960	<1	1.95	<1	340	26	0.21	<5	49	146	<20
S436733		20	0.33	<10	2.01	2220	<1	2.13	<1	380	3	0.21	<5	56	125	<20
S436734		20	0.31	<10	2.06	2230	1	2.21	<1	400	6	0.13	<5	55	102	<20
S436735		20	0.31	<10	1.99	2220	<1	2.11	<1	380	2	0.05	<5	55	133	<20
S436736		20	0.29	<10	1.87	2050	<1	2.43	<1	390	2	0.06	<5	53	139	<20
S436737		20	0.35	<10	1.93	2180	<1	2.33	<1	390	3	0.12	<5	55	148	<20
S436738		20	0.28	<10	1.92	2100	<1	2.40	<1	360	3	0.33	<5	52	129	<20
S436739		20	0.28	<10	1.64	2050	<1	2.23	<1	330	6	0.09	<5	48	125	<20
S436740		20	1.60	20	1.68	637	1	2.51	48	780	11	0.12	<5	17	583	<20
S436741		20	0.36	<10	1.73	2090	<1	2.14	1	330	6	0.14	<5	51	143	<20
S436742		20	0.38	<10	1.81	2220	1	1.31	<1	330	4	0.39	<5	53	130	<20
S436743		20	0.33	<10	1.84	2340	<1	1.67	<1	340	3	0.11	5	53	109	<20
S436744		20	0.38	<10	1.86	2320	<1	1.59	<1	330	6	0.08	<5	53	145	<20
S436745		20	0.35	<10	1.86	2150	<1	1.83	1	350	5	0.24	<5	53	148	<20
S436746		20	0.36	<10	1.93	2280	<1	1.51	<1	350	5	0.29	<5	54	149	<20
S436747		20	0.39	<10	2.05	2350	<1	1.73	<1	360	4	0.20	<5	56	155	<20
S436748		20	0.38	<10	1.95	2300	1	1.81	<1	340	6	0.19	<5	54	148	<20
S436749		20	0.30	<10	1.95	2050	1	1.65	<1	350	2	0.17	<5	54	169	<20
S436750		20	0.30	<10	1.78	2060	<1	1.67	<1	330	6	0.27	5	51	168	<20
S436751		20	0.29	<10	1.95	2010	<1	1.69	<1	320	9	0.14	<5	54	179	<20
S436752		20	0.32	<10	2.00	2060	<1	1.46	<1	310	4	0.31	<5	54	165	<20
S436753		20	0.25	<10	1.83	1845	<1	1.83	<1	310	5	0.16	<5	51	202	<20
S436754		20	0.28	<10	1.77	1970	<1	2.27	<1	290	8	0.26	<5	49	153	<20
S436755		20	0.24	<10	1.86	2100	<1	1.88	<1	280	4	0.20	<5	51	141	<20
S436756		20	0.28	<10	1.93	2140	<1	2.17	<1	310	4	0.20	<5	53	186	<20
S436757		20	0.29	<10	1.98	2060	<1	1.98	2	290	7	0.16	<5	54	188	<20
S436758		20	0.29	<10	2.02	2140	<1	2.04	2	290	5	0.18	8	52	194	<20

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CERTIFICAT D'ANALYSE VO16173872

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436719		1.57	<10	<10	78	<10	61
S436720		0.53	<10	<10	146	<10	111
S436721		1.65	<10	<10	84	<10	68
S436722		1.51	<10	<10	84	<10	63
S436723		1.38	<10	<10	77	<10	63
S436724		1.51	<10	<10	92	<10	60
S436725		1.43	<10	<10	89	<10	57
S436726		1.41	<10	<10	91	<10	55
S436727		1.35	<10	<10	92	<10	54
S436728		1.56	<10	<10	119	<10	58
S436729		1.55	<10	<10	113	<10	72
S436730		1.27	<10	<10	95	<10	76
S436731		1.45	<10	<10	125	<10	79
S436732		1.46	<10	<10	132	<10	68
S436733		1.42	<10	<10	128	<10	70
S436734		1.43	<10	<10	133	<10	75
S436735		1.37	<10	<10	133	<10	73
S436736		1.36	<10	<10	131	<10	68
S436737		1.41	<10	<10	142	<10	72
S436738		1.26	<10	<10	140	<10	74
S436739		1.33	<10	<10	152	<10	71
S436740		0.47	<10	<10	134	<10	91
S436741		1.37	<10	<10	165	<10	70
S436742		1.46	<10	<10	180	<10	73
S436743		1.38	<10	<10	191	<10	86
S436744		1.39	<10	<10	195	<10	85
S436745		1.34	<10	<10	209	<10	90
S436746		1.42	<10	<10	212	<10	94
S436747		1.47	<10	<10	227	<10	99
S436748		1.43	<10	<10	222	<10	95
S436749		1.41	<10	<10	223	<10	103
S436750		1.37	<10	<10	231	<10	89
S436751		1.42	<10	<10	272	<10	81
S436752		1.37	<10	<10	262	<10	81
S436753		1.35	<10	<10	260	<10	74
S436754		1.27	<10	<10	241	<10	83
S436755		1.35	<10	<10	263	<10	92
S436756		1.38	<10	<10	270	<10	88
S436757		1.38	<10	<10	308	<10	89
S436758		1.34	<10	<10	312	<10	97

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436759		2.40	<0.005		<0.5	5.50	6	50	1.1	<2	1.68	<0.5	14	6	4	7.25
S436760		0.11	4.01	4.06	0.7	6.86	31	590	0.8	<2	2.42	0.7	16	59	144	5.11
S436761		2.87	<0.005		<0.5	5.56	5	60	1.1	<2	1.61	<0.5	10	5	3	6.85
S436762		1.32	<0.005		<0.5	5.58	10	200	1.1	<2	1.85	<0.5	16	5	9	8.44
S436763		0.71	<0.005		<0.5	2.47	<5	320	1.0	<2	1.51	<0.5	5	15	5	4.25
S436764		1.73	<0.005		<0.5	5.61	8	390	1.5	<2	1.90	<0.5	11	7	5	6.85
S436765		0.86	<0.005		<0.5	4.75	12	280	1.2	<2	1.09	<0.5	11	8	5	6.56
S436766		2.69	<0.005		<0.5	5.55	6	90	0.8	<2	1.49	<0.5	12	5	6	7.29
S436767		1.77	0.031		<0.5	5.18	6	160	0.9	3	1.78	<0.5	14	7	21	6.81
S436768		1.48	<0.005		<0.5	5.23	<5	160	0.9	<2	1.67	<0.5	7	8	16	5.33
S436769		3.24	<0.005		<0.5	5.70	13	180	1.0	<2	2.15	<0.5	16	6	17	6.64
S436770		2.50	0.139		<0.5	5.44	6	150	0.9	<2	3.03	<0.5	12	5	12	7.60
S436771		1.95	0.053		<0.5	5.51	6	120	0.8	<2	1.92	<0.5	15	5	22	7.83
S436772		3.16	<0.005		<0.5	5.25	8	200	1.1	<2	1.84	<0.5	11	8	13	5.59
S436773		3.32	<0.005		<0.5	5.81	6	240	1.3	<2	2.00	<0.5	9	7	4	5.97
S436774		1.10	<0.005		<0.5	5.35	12	130	0.9	<2	1.54	<0.5	13	5	4	6.94
S436775		0.79	0.076		<0.5	5.56	114	300	1.7	<2	1.41	<0.5	24	6	45	6.17
S436776		1.82	<0.005		<0.5	5.60	25	90	0.7	<2	1.49	<0.5	23	6	11	7.94
S436777		1.35	0.116		<0.5	5.28	11	230	1.0	2	1.72	<0.5	18	4	35	8.39
S436778		1.57	0.081		<0.5	5.80	14	370	1.4	<2	2.72	<0.5	15	3	5	9.73
S436779		1.29	0.282		<0.5	5.05	18	480	1.4	<2	2.95	<0.5	21	5	140	10.00
S436780		1.08	<0.005		<0.5	7.90	<5	1250	1.2	<2	2.67	<0.5	18	83	17	4.93
S436781		2.98	0.025		<0.5	5.15	11	400	1.3	<2	2.72	<0.5	13	8	14	5.54
S436782		3.40	0.353		<0.5	5.14	11	240	1.0	<2	1.68	<0.5	11	6	7	7.99
S436783		3.54	0.044		<0.5	5.21	9	30	0.9	<2	1.96	<0.5	14	6	2	7.94
S436784		3.12	<0.005		<0.5	5.52	10	20	1.1	<2	2.06	<0.5	17	5	1	8.84
S436785		2.30	<0.005		<0.5	5.07	9	90	1.1	<2	1.92	<0.5	13	5	2	7.60
S436786		3.14	<0.005		<0.5	4.95	5	30	0.9	<2	2.04	<0.5	12	6	2	7.53
S436787		0.80	0.432		<0.5	4.63	278	250	1.3	4	0.85	<0.5	298	5	347	14.20
S436788		0.90	<0.005		<0.5	5.19	6	50	0.7	2	1.75	<0.5	8	4	6	7.62
S436789		1.56	0.129		<0.5	5.45	10	110	0.9	2	2.02	<0.5	18	4	18	8.50
S436790		2.87	<0.005		<0.5	4.48	5	340	1.4	<2	2.13	<0.5	10	9	13	6.37
S436791		1.45	0.112		<0.5	5.80	<5	220	1.3	<2	2.09	<0.5	7	7	4	7.29
S436792		3.18	<0.005		<0.5	5.44	7	30	0.6	<2	1.32	<0.5	10	6	11	8.56
S436793		2.55	<0.005		<0.5	5.62	7	170	1.4	<2	1.74	<0.5	7	6	7	5.33
S436794		3.08	<0.005		<0.5	5.47	<5	40	1.1	<2	1.80	<0.5	8	5	4	7.93
S436795		3.18	<0.005		<0.5	5.44	<5	20	1.3	<2	1.97	<0.5	10	5	2	8.08
S436796		2.72	<0.005		<0.5	5.28	5	20	1.0	<2	2.22	<0.5	13	10	5	8.57
S436797		1.20	<0.005		<0.5	5.29	6	30	0.8	<2	1.93	<0.5	10	4	6	8.04
S436798		2.04	0.831		0.5	5.44	1015	180	1.2	3	1.47	<0.5	11	4	58	7.44

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S436759		20	0.09	30	0.25	997	<1	2.77	2	310	<2	0.04	<5	13	159	<20
S436760		10	1.07	10	1.48	832	7	2.14	41	740	45	0.14	6	16	266	<20
S436761		20	0.10	20	0.30	1010	<1	3.01	3	310	<2	0.01	<5	12	147	<20
S436762		20	0.54	10	0.39	1290	<1	2.04	2	340	2	0.09	<5	14	118	<20
S436763		10	0.83	<10	0.22	826	1	0.11	2	180	2	0.03	5	6	49	<20
S436764		20	1.08	30	0.42	998	<1	1.55	4	330	3	0.09	7	13	138	<20
S436765		20	1.01	20	0.22	1170	<1	1.90	1	290	3	0.07	<5	12	104	<20
S436766		20	0.30	30	0.22	1145	<1	2.83	<1	330	3	0.04	<5	13	165	<20
S436767		20	0.56	10	0.31	1240	<1	2.12	3	320	4	0.21	<5	13	135	<20
S436768		20	0.57	20	0.28	987	<1	2.39	4	310	<2	0.14	5	17	125	<20
S436769		20	0.74	10	0.30	1265	<1	2.47	2	280	5	0.27	<5	18	144	<20
S436770		20	0.59	<10	0.28	1530	<1	2.45	3	300	2	0.14	<5	14	184	<20
S436771		20	0.41	10	0.26	1315	<1	2.51	1	310	<2	0.27	<5	11	152	<20
S436772		20	0.95	10	0.23	1050	<1	2.09	1	350	<2	0.19	<5	10	117	<20
S436773		20	0.96	10	0.28	1410	<1	2.45	1	330	<2	0.05	<5	12	122	<20
S436774		20	0.43	10	0.30	1175	<1	2.40	<1	280	3	0.12	<5	13	121	<20
S436775		20	1.08	20	0.22	922	<1	2.20	7	280	5	2.55	<5	16	85	<20
S436776		20	0.28	10	0.31	1145	<1	2.44	4	320	<2	0.15	<5	20	124	<20
S436777		20	0.93	10	0.27	1385	<1	1.64	1	330	2	0.73	<5	12	103	<20
S436778		30	1.73	10	0.44	2240	<1	1.46	2	410	7	0.05	6	23	120	<20
S436779		20	1.64	10	0.27	1935	<1	0.84	2	400	5	1.95	<5	16	112	<20
S436780		20	2.06	30	1.79	443	<1	2.45	43	1230	17	0.04	<5	18	567	<20
S436781		20	1.18	10	0.18	1205	<1	1.89	6	380	2	0.22	<5	23	131	<20
S436782		20	0.62	10	0.11	1605	<1	2.55	<1	340	4	0.10	<5	11	126	<20
S436783		20	0.03	10	0.07	1685	<1	2.88	<1	320	4	0.03	<5	11	161	<20
S436784		20	0.03	10	0.16	1820	<1	2.58	2	380	3	<0.01	<5	13	156	<20
S436785		20	0.12	10	0.09	1640	<1	2.81	1	310	4	<0.01	<5	12	157	<20
S436786		20	0.04	10	0.05	1565	<1	2.88	1	270	2	0.01	<5	9	171	<20
S436787		20	0.66	<10	0.09	1430	<1	1.96	2	350	4	7.08	6	10	86	<20
S436788		20	0.11	10	0.14	1320	<1	2.67	<1	300	6	0.04	<5	9	139	<20
S436789		20	0.22	10	0.20	1480	1	2.53	<1	300	6	0.57	<5	10	133	<20
S436790		20	0.67	10	0.29	1625	<1	1.66	1	250	5	0.15	6	9	111	<20
S436791		20	0.41	10	0.32	1925	<1	2.72	1	280	4	0.04	<5	14	147	<20
S436792		20	0.04	10	0.37	1475	1	2.49	2	270	2	0.19	<5	13	130	<20
S436793		20	0.28	20	0.23	1040	<1	3.04	1	220	3	0.09	<5	17	137	<20
S436794		20	0.04	20	0.22	1460	1	2.67	1	300	5	0.02	<5	11	176	<20
S436795		20	0.02	40	0.19	1500	<1	2.66	4	290	3	0.01	<5	11	154	<20
S436796		20	0.03	10	0.12	1810	<1	2.63	2	310	4	0.08	<5	11	166	<20
S436797		20	0.04	10	0.17	1410	<1	2.63	1	310	5	0.08	<5	14	146	<20
S436798		20	0.35	10	0.25	1215	<1	2.72	1	260	2	0.76	<5	12	94	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 31- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16173872

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436759		0.24	<10	<10	1	<10	32
S436760		0.36	10	<10	138	30	280
S436761		0.24	<10	<10	<1	<10	30
S436762		0.20	<10	<10	<1	<10	37
S436763		0.07	<10	<10	1	<10	20
S436764		0.16	<10	<10	<1	<10	33
S436765		0.13	<10	<10	<1	<10	19
S436766		0.23	10	<10	<1	<10	40
S436767		0.16	10	<10	1	<10	39
S436768		0.17	<10	<10	1	<10	34
S436769		0.15	<10	<10	<1	<10	37
S436770		0.17	<10	<10	<1	<10	41
S436771		0.18	<10	<10	<1	<10	46
S436772		0.13	<10	<10	<1	<10	25
S436773		0.14	<10	<10	1	<10	26
S436774		0.15	<10	<10	<1	<10	36
S436775		0.16	10	<10	1	<10	18
S436776		0.16	<10	<10	<1	<10	47
S436777		0.17	<10	<10	<1	<10	37
S436778		0.09	<10	<10	2	<10	31
S436779		0.21	<10	<10	<1	<10	29
S436780		0.46	<10	<10	140	<10	102
S436781		0.18	<10	<10	<1	<10	21
S436782		0.17	<10	<10	<1	<10	30
S436783		0.22	<10	<10	<1	<10	38
S436784		0.24	<10	<10	<1	<10	44
S436785		0.23	<10	<10	<1	<10	33
S436786		0.21	<10	<10	<1	<10	36
S436787		0.16	<10	<10	1	10	31
S436788		0.19	<10	<10	<1	<10	42
S436789		0.19	<10	<10	<1	<10	47
S436790		0.18	<10	<10	<1	<10	33
S436791		0.20	<10	<10	<1	<10	51
S436792		0.23	10	<10	<1	<10	90
S436793		0.27	<10	<10	1	<10	59
S436794		0.23	<10	<10	<1	<10	48
S436795		0.22	<10	<10	<1	<10	43
S436796		0.26	<10	<10	<1	<10	62
S436797		0.24	<10	<10	<1	<10	105
S436798		0.23	<10	<10	3	<10	80

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CERTIFICAT D'ANALYSE VO16173872

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436799		2.30	0.281		<0.5	4.42	>10000	80	1.0	<2	1.04	<0.5	7	13	44	4.39
S436800		1.05	<0.005		<0.5	7.31	18	1190	1.2	<2	2.75	<0.5	22	110	29	5.67
S436801		1.89	1.150		<0.5	4.84	>10000	40	0.8	<2	1.32	<0.5	15	13	86	5.58
S436802		0.75	0.034		<0.5	5.59	80	190	2.3	<2	1.85	<0.5	4	13	22	4.89
S436803		1.77	0.005		<0.5	5.78	30	100	2.8	<2	1.81	<0.5	11	10	2	5.33
S436804		1.51	<0.005		<0.5	5.67	13	120	3.7	<2	1.97	<0.5	10	8	5	6.97
S436805		1.99	<0.005		<0.5	5.57	15	60	0.9	2	1.75	<0.5	14	7	9	7.34
S436806		1.57	<0.005		<0.5	5.65	16	40	1.0	<2	1.18	<0.5	15	9	3	7.98
S436807		3.14	0.062		<0.5	5.47	19	150	1.2	<2	1.34	<0.5	14	7	13	7.22
S436808		2.19	<0.005		<0.5	6.06	15	120	1.2	<2	2.16	<0.5	12	9	7	4.45
S436809		1.24	<0.005		<0.5	5.81	20	120	1.1	<2	1.25	<0.5	21	8	40	5.93
S436810		1.81	0.007		<0.5	5.61	9	120	1.1	<2	1.34	<0.5	6	13	15	4.41
S436811		0.80	0.489		<0.5	5.38	285	80	0.9	<2	1.81	<0.5	11	10	13	5.97
S436812		2.03	<0.005		<0.5	5.76	22	120	1.1	<2	1.41	<0.5	15	11	7	4.95
S436813		3.31	<0.005		<0.5	5.50	9	140	1.0	2	1.43	<0.5	10	8	4	6.74
S436814		3.26	0.032		<0.5	5.29	7	60	0.7	3	2.05	<0.5	9	6	8	7.77
S436815		3.27	<0.005		<0.5	6.42	8	370	1.5	<2	2.57	<0.5	9	8	11	8.58
S436816		3.18	0.023		<0.5	5.77	7	160	0.8	<2	1.78	<0.5	10	5	11	7.96
S436817		1.39	<0.005		<0.5	5.58	6	200	1.2	<2	1.77	<0.5	12	4	10	8.24
S436818		2.80	0.008		<0.5	5.10	8	40	0.7	<2	1.99	<0.5	12	4	11	8.43
S436819		2.89	0.005		<0.5	5.41	6	60	0.8	<2	2.10	<0.5	11	8	9	8.78
S436820		0.79	<0.005		<0.5	7.49	7	1180	1.2	<2	2.54	<0.5	17	83	27	5.15
S436821		1.96	<0.005		<0.5	5.38	12	110	0.9	<2	2.16	<0.5	23	12	60	9.24
S436822		2.05	<0.005		<0.5	4.96	10	90	1.0	<2	2.08	<0.5	13	5	7	7.56
S436823		1.00	0.062		0.6	5.07	8	70	0.8	<2	2.48	<0.5	16	4	21	9.85
S436824		2.80	0.961		<0.5	5.26	<5	190	0.9	<2	2.49	<0.5	16	8	108	8.13
S436825		1.10	0.034		<0.5	5.19	16	210	0.8	<2	1.99	<0.5	21	7	61	8.69
S436826		2.73	<0.005		<0.5	2.49	6	120	<0.5	2	1.41	<0.5	4	22	5	3.69
S436827		1.78	0.011		<0.5	6.47	32	190	0.8	<2	2.11	<0.5	26	8	5	8.19
S436828		2.89	<0.005		<0.5	2.29	5	70	<0.5	2	1.82	<0.5	3	19	6	3.39
S436829		2.33	0.060		0.6	5.02	129	250	0.9	<2	3.93	<0.5	27	7	47	10.60
S436830		3.24	0.010		<0.5	5.48	12	170	0.9	<2	1.80	<0.5	10	7	3	8.10
S436831		3.28	0.007		<0.5	5.51	13	210	0.9	<2	1.28	<0.5	6	12	3	5.90
S436832		2.52	1.620		<0.5	5.44	27	290	1.0	<2	1.82	<0.5	10	9	135	7.87
S436833		3.04	<0.005		<0.5	6.43	17	240	1.1	<2	2.69	<0.5	5	8	12	7.20
S436834		2.61	<0.005		<0.5	6.50	<5	210	0.9	<2	2.51	<0.5	3	7	3	7.30
S436835		1.90	0.025		<0.5	5.32	8	190	0.8	<2	1.78	<0.5	9	7	54	7.49
S436836		3.33	<0.005		<0.5	5.81	14	240	0.8	<2	2.26	<0.5	10	8	5	6.79
S436837		3.24	<0.005		<0.5	6.29	18	280	1.0	<2	3.75	<0.5	4	4	2	8.01

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Finalisée date: 31- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16173872

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436799		10	0.37	<10	0.21	538	<1	3.02	2	180	2	1.37	5	8	62	<20
S436800		20	1.87	30	2.04	655	1	2.24	51	1170	14	0.07	<5	18	521	<20
S436801		10	0.18	<10	0.21	459	1	3.76	3	20	3	2.50	<5	9	66	<20
S436802		20	0.69	<10	0.25	791	1	3.46	4	<10	2	0.64	<5	14	67	<20
S436803		20	0.43	<10	0.28	966	<1	3.43	3	10	2	0.06	<5	15	65	<20
S436804		30	0.64	10	0.51	1185	<1	2.67	3	20	3	0.14	<5	18	67	<20
S436805		20	0.29	<10	0.35	1205	<1	2.90	3	370	<2	0.22	<5	12	83	<20
S436806		20	0.15	<10	0.26	1450	<1	3.21	2	370	<2	0.04	<5	12	100	<20
S436807		20	0.49	<10	0.19	1305	<1	3.21	3	370	4	0.16	<5	14	100	<20
S436808		20	0.62	<10	0.21	801	<1	3.78	2	100	<2	0.07	<5	15	79	<20
S436809		20	0.58	<10	0.22	974	<1	3.45	4	50	4	0.37	<5	6	72	<20
S436810		20	0.51	<10	0.16	735	<1	3.42	1	60	3	0.15	<5	5	74	<20
S436811		10	0.35	10	0.17	727	1	4.04	2	100	8	4.26	<5	6	78	<20
S436812		20	0.41	10	0.30	840	<1	3.33	3	150	2	0.09	<5	14	89	<20
S436813		20	0.42	<10	0.24	1305	<1	3.00	2	250	2	0.05	<5	12	117	<20
S436814		20	0.12	<10	0.16	1520	<1	3.03	3	410	2	0.10	<5	12	116	<20
S436815		30	0.95	10	0.50	1845	<1	2.31	2	380	4	0.16	<5	15	130	<20
S436816		20	0.31	<10	0.23	1695	<1	3.19	<1	340	2	0.14	<5	13	124	<20
S436817		20	0.34	30	0.65	1750	1	2.41	3	320	5	0.22	<5	13	109	<20
S436818		20	0.05	10	0.22	1700	<1	2.67	2	360	5	0.16	<5	12	132	<20
S436819		20	0.08	10	0.26	1660	<1	2.66	1	400	3	0.13	<5	14	152	<20
S436820		20	1.83	30	1.64	619	1	2.18	42	780	18	0.06	<5	18	437	<20
S436821		20	0.17	20	0.32	1570	1	2.61	1	350	3	0.70	<5	20	124	<20
S436822		20	0.10	10	0.06	1690	1	2.91	3	340	6	0.06	<5	12	180	<20
S436823		20	0.07	20	0.05	2100	<1	2.55	1	400	4	0.23	<5	14	172	<20
S436824		20	0.43	10	0.14	1365	<1	2.58	<1	390	3	0.86	<5	14	172	<20
S436825		20	0.77	10	0.28	1605	<1	2.29	2	400	3	0.53	<5	12	114	<20
S436826		10	0.61	<10	0.16	886	<1	0.93	2	260	3	0.04	<5	7	55	<20
S436827		20	1.51	30	0.42	1625	<1	2.66	4	450	2	0.05	<5	21	100	<20
S436828		10	0.58	<10	0.17	964	<1	0.91	2	210	2	0.01	<5	7	48	<20
S436829		20	1.64	10	0.51	2080	<1	1.34	3	490	3	1.47	<5	18	109	<20
S436830		20	1.08	10	0.45	1550	1	2.03	<1	450	3	0.06	<5	15	94	<20
S436831		20	1.04	10	0.25	1245	<1	2.78	1	330	<2	0.03	<5	12	108	<20
S436832		20	0.88	10	0.19	1395	1	2.82	<1	360	6	0.86	<5	11	118	<20
S436833		20	1.26	10	0.35	1635	<1	3.49	<1	400	3	0.11	<5	14	138	<20
S436834		20	1.29	10	0.36	1585	<1	3.34	2	290	4	0.02	<5	13	117	<20
S436835		20	1.17	10	0.26	1440	<1	2.37	1	340	4	0.50	<5	13	92	<20
S436836		20	1.44	<10	0.30	1470	<1	2.45	<1	380	3	0.05	<5	16	89	<20
S436837		20	1.60	<10	0.52	2080	<1	2.55	<1	420	2	0.02	<5	21	149	<20

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CERTIFICAT D'ANALYSE VO16173872

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436799		0.11	<10	<10	20	<10	12
S436800		0.59	<10	<10	147	<10	109
S436801		0.09	<10	<10	17	<10	9
S436802		0.14	<10	<10	3	<10	13
S436803		0.22	<10	<10	1	<10	27
S436804		0.28	<10	<10	2	<10	34
S436805		0.20	<10	<10	1	<10	42
S436806		0.17	<10	<10	<1	<10	42
S436807		0.23	<10	<10	1	<10	26
S436808		0.20	<10	<10	2	10	24
S436809		0.17	<10	<10	1	<10	25
S436810		0.17	<10	<10	1	<10	21
S436811		0.10	<10	<10	1	10	6
S436812		0.19	<10	<10	2	<10	31
S436813		0.18	<10	<10	1	<10	34
S436814		0.21	<10	<10	<1	<10	49
S436815		0.20	<10	<10	1	<10	58
S436816		0.25	<10	<10	<1	10	58
S436817		0.23	<10	<10	<1	<10	94
S436818		0.25	<10	<10	<1	<10	78
S436819		0.26	<10	<10	<1	<10	78
S436820		0.44	<10	<10	122	<10	94
S436821		0.26	<10	<10	1	<10	65
S436822		0.25	<10	<10	1	<10	47
S436823		0.27	<10	<10	<1	<10	57
S436824		0.25	10	<10	1	<10	44
S436825		0.18	<10	<10	1	<10	48
S436826		0.07	<10	<10	1	<10	16
S436827		0.17	<10	<10	2	<10	39
S436828		0.07	<10	<10	1	<10	15
S436829		0.14	<10	<10	1	<10	36
S436830		0.16	<10	<10	1	<10	58
S436831		0.15	<10	<10	1	<10	24
S436832		0.15	<10	<10	<1	<10	30
S436833		0.18	<10	<10	1	10	29
S436834		0.15	<10	<10	1	<10	29
S436835		0.18	<10	<10	<1	<10	31
S436836		0.26	<10	<10	1	10	27
S436837		0.25	<10	<10	1	20	34

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Compte: MIDEXP

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CERTIFICAT D'ANALYSE VO16173872

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
LOG- 24	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	ME- ICP61

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Finalisée date: 27- OCT- 2016
Compte: MIDEXP

CERTIFICAT VO16173884

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 104 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 11- OCT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 27- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16173884

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436615		3.29	<0.005		<0.5	5.52	<5	90	0.8	2	3.85	<0.5	12	9	11	8.85
S436616		3.18	<0.005		<0.5	5.33	<5	70	0.7	2	3.88	<0.5	11	12	11	8.84
S436617		3.13	<0.005		<0.5	5.63	<5	40	0.7	2	4.25	<0.5	14	12	12	8.95
S436618		3.34	<0.005		<0.5	5.54	5	30	0.6	<2	4.37	<0.5	13	12	16	8.78
S436619		3.04	<0.005		<0.5	5.52	<5	60	0.7	<2	4.18	<0.5	13	13	12	9.52
S436620		0.11	3.96	4.15	0.5	6.57	32	560	0.7	<2	2.33	0.8	16	58	141	4.88
S436621		3.27	<0.005		<0.5	5.46	<5	50	0.6	2	4.19	<0.5	14	15	16	9.78
S436622		3.43	<0.005		<0.5	5.53	<5	80	0.7	<2	4.47	<0.5	15	12	19	9.58
S436623		2.70	<0.005		<0.5	5.57	<5	90	0.6	<2	5.00	<0.5	14	10	21	9.25
S436624		1.45	<0.005		<0.5	5.64	<5	80	0.6	<2	4.14	<0.5	16	11	36	8.96
S436625		3.25	<0.005		<0.5	5.92	10	60	0.7	3	4.54	<0.5	18	17	13	8.94
S436626		3.36	<0.005		<0.5	5.61	<5	40	0.6	2	4.61	<0.5	13	14	10	9.58
S436627		3.45	0.006		<0.5	5.52	6	60	0.6	<2	4.40	<0.5	17	16	11	9.87
S436628		3.44	<0.005		<0.5	6.12	7	50	0.7	2	3.94	<0.5	16	27	7	9.01
S436629		3.39	<0.005		<0.5	5.58	<5	50	0.6	<2	4.30	<0.5	17	10	12	10.25
S436630		3.28	<0.005		<0.5	5.34	<5	50	0.7	2	3.74	<0.5	17	11	9	9.97
S436631		3.25	<0.005		<0.5	5.39	<5	70	0.8	<2	3.00	<0.5	14	14	5	9.19
S436632		3.28	<0.005		<0.5	5.41	5	70	0.7	<2	3.70	<0.5	18	12	12	9.58
S436633		3.31	<0.005		<0.5	5.73	10	80	0.7	<2	4.35	<0.5	24	11	12	11.30
S436634		3.46	<0.005		<0.5	5.38	<5	90	0.7	2	4.14	<0.5	18	13	11	11.50
S436635		1.47	<0.005		<0.5	5.47	<5	80	0.8	3	3.52	<0.5	15	13	2	9.28
S436636		2.16	<0.005		<0.5	5.27	<5	70	0.7	4	3.48	<0.5	17	8	14	9.09
S436637		2.13	<0.005		<0.5	5.56	<5	80	0.7	<2	4.07	<0.5	19	8	15	10.25
S436638		2.08	<0.005		<0.5	5.45	5	140	0.8	<2	4.62	<0.5	21	8	22	10.35
S436639		2.06	<0.005		<0.5	5.49	<5	110	0.6	<2	4.05	<0.5	17	11	2	10.70
S436640		1.18	<0.005		<0.5	7.69	<5	1300	1.1	2	2.84	<0.5	19	105	34	4.96
S436641		0.77	<0.005		<0.5	4.82	9	70	0.5	<2	3.45	<0.5	20	14	5	9.31
S436642		1.76	<0.005		<0.5	5.45	13	100	0.6	<2	4.73	<0.5	25	12	17	11.00
S436643		3.42	<0.005		<0.5	5.48	15	120	0.6	<2	4.54	<0.5	26	9	21	13.15
S436644		3.43	<0.005		<0.5	5.61	13	120	0.7	5	4.19	<0.5	21	13	16	10.85
S436645		3.38	<0.005		<0.5	5.53	9	90	0.6	2	4.59	<0.5	19	7	24	12.95
S436646		3.22	<0.005		<0.5	5.51	19	130	0.7	<2	3.70	<0.5	22	9	21	13.70
S436647		3.15	<0.005		<0.5	5.93	21	140	0.9	<2	3.82	<0.5	21	9	33	11.70
S436648		1.98	0.204		<0.5	5.98	392	40	0.7	<2	5.09	0.5	22	3	20	12.25
S436649		1.28	0.014		<0.5	6.00	49	110	0.7	<2	5.80	<0.5	22	3	16	13.00
S436650		3.26	<0.005		<0.5	6.45	24	110	0.7	<2	5.48	0.9	27	3	39	13.60
S436651		3.49	<0.005		<0.5	6.41	15	90	0.6	<2	5.86	0.9	25	6	48	13.70
S436652		3.30	<0.005		<0.5	6.77	14	120	0.6	<2	6.02	0.5	28	8	46	13.30
S436653		3.45	<0.005		<0.5	6.20	10	170	0.6	<2	6.69	0.8	29	3	44	14.85
S436654		3.24	<0.005		<0.5	6.53	<5	200	0.6	<2	6.02	0.7	30	5	37	14.55

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CERTIFICAT D'ANALYSE VO16173884

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436615		20	0.56	10	0.14	1550	1	1.69	<1	1040	3	0.06	<5	32	118	<20
S436616		20	0.38	10	0.14	1610	1	1.55	<1	1070	2	0.06	<5	30	130	<20
S436617		20	0.17	10	0.16	1570	1	1.61	<1	1170	4	0.07	<5	34	149	<20
S436618		20	0.13	10	0.17	1580	1	1.63	<1	1180	2	0.09	<5	34	151	<20
S436619		20	0.28	10	0.18	1760	1	1.41	<1	1200	3	0.08	<5	32	154	<20
S436620		10	1.05	10	1.41	813	7	2.07	39	730	47	0.13	9	15	258	<20
S436621		20	0.22	10	0.20	1800	1	1.38	<1	1320	4	0.10	6	34	154	<20
S436622		20	0.42	10	0.22	1775	1	1.38	<1	1500	2	0.14	<5	39	124	<20
S436623		20	0.50	10	0.23	1695	1	1.61	<1	1530	2	0.14	5	40	98	<20
S436624		20	0.50	10	0.24	1610	<1	1.71	<1	1560	<2	0.22	<5	40	95	<20
S436625		20	0.28	10	0.27	1675	1	1.76	<1	1400	2	0.08	<5	35	134	<20
S436626		20	0.14	10	0.27	1785	<1	1.33	1	1620	3	0.08	<5	38	171	<20
S436627		20	0.19	10	0.29	1835	1	1.37	1	1590	2	0.10	<5	36	170	<20
S436628		20	0.17	10	0.44	1725	1	2.03	7	1350	4	0.07	<5	30	147	<20
S436629		20	0.17	10	0.31	1980	1	1.48	<1	1620	2	0.12	<5	35	154	<20
S436630		20	0.15	10	0.29	1985	1	1.56	<1	1420	3	0.08	<5	30	131	<20
S436631		20	0.19	10	0.26	1925	1	2.25	<1	890	3	0.05	<5	23	99	<20
S436632		20	0.21	10	0.31	2020	1	1.70	<1	1320	3	0.10	<5	29	144	<20
S436633		20	0.29	10	0.34	2300	1	1.34	<1	1810	4	0.11	<5	34	197	<20
S436634		20	0.32	10	0.35	2250	1	1.24	<1	1670	3	0.10	<5	34	191	<20
S436635		20	0.26	10	0.50	1855	1	1.64	<1	1100	<2	0.01	<5	28	113	<20
S436636		20	0.23	10	0.52	1720	1	1.63	<1	1130	<2	0.13	<5	26	102	<20
S436637		20	0.20	10	0.63	1955	<1	1.27	<1	1750	3	0.12	<5	32	136	<20
S436638		20	0.36	10	0.51	2080	1	1.22	<1	1680	6	0.20	<5	32	174	<20
S436639		20	0.20	10	0.57	2150	<1	1.04	<1	1730	<2	0.01	<5	32	159	<20
S436640		20	1.75	20	1.76	578	1	2.32	46	930	15	0.07	<5	24	579	<20
S436641		20	0.20	10	0.46	1845	1	0.97	1	1510	<2	0.02	<5	28	143	<20
S436642		20	0.35	10	0.40	2130	1	1.13	1	1900	3	0.12	<5	33	197	<20
S436643		20	0.39	10	0.46	2470	1	1.02	<1	2450	5	0.15	<5	38	190	<20
S436644		20	0.35	10	0.36	2120	1	1.45	<1	1690	4	0.09	<5	38	208	<20
S436645		20	0.24	10	0.45	2280	<1	0.88	<1	2420	4	0.13	<5	41	209	<20
S436646		20	0.38	10	0.47	2350	1	1.22	<1	1900	4	0.12	<5	41	195	<20
S436647		20	0.41	10	0.43	2330	2	1.94	1	2120	8	0.21	<5	36	208	<20
S436648		20	0.10	10	0.52	2120	1	1.97	<1	2360	8	0.15	<5	39	163	<20
S436649		20	0.27	10	0.58	2430	1	1.44	2	2640	6	0.09	<5	43	200	<20
S436650		20	0.31	10	0.65	2580	<1	1.21	1	2930	7	0.18	5	44	221	<20
S436651		20	0.28	10	0.70	2530	<1	1.17	<1	3140	5	0.16	<5	45	195	<20
S436652		20	0.31	10	0.76	2480	<1	1.28	1	3220	4	0.18	5	37	207	<20
S436653		20	0.54	10	0.86	2690	<1	1.00	<1	3040	4	0.16	<5	49	191	<20
S436654		20	0.66	10	0.83	2720	1	1.29	1	3300	2	0.13	<5	40	199	<20

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CERTIFICAT D'ANALYSE VO16173884

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436615		0.57	<10	<10	<1	<10	50
S436616		0.56	<10	<10	<1	<10	50
S436617		0.58	<10	<10	<1	<10	52
S436618		0.55	<10	<10	<1	<10	51
S436619		0.56	<10	<10	<1	<10	51
S436620		0.35	<10	<10	134	40	277
S436621		0.60	<10	<10	1	<10	51
S436622		0.67	<10	<10	1	<10	51
S436623		0.66	<10	<10	1	<10	51
S436624		0.64	<10	<10	1	<10	51
S436625		0.61	<10	<10	7	<10	52
S436626		0.65	<10	<10	1	<10	52
S436627		0.63	<10	<10	1	<10	51
S436628		0.58	<10	<10	21	<10	49
S436629		0.64	<10	<10	1	<10	53
S436630		0.57	<10	<10	1	<10	54
S436631		0.39	<10	<10	1	<10	53
S436632		0.55	<10	<10	1	<10	49
S436633		0.69	<10	<10	2	<10	57
S436634		0.63	<10	<10	1	<10	55
S436635		0.49	<10	<10	1	<10	52
S436636		0.50	<10	<10	2	<10	51
S436637		0.66	<10	<10	2	<10	52
S436638		0.65	<10	<10	1	<10	45
S436639		0.65	<10	<10	2	<10	57
S436640		0.48	<10	<10	161	<10	91
S436641		0.56	<10	<10	2	<10	50
S436642		0.69	<10	<10	2	<10	49
S436643		0.81	<10	<10	2	<10	62
S436644		0.63	<10	<10	1	<10	53
S436645		0.81	<10	<10	2	<10	78
S436646		0.69	<10	<10	2	<10	79
S436647		0.75	<10	<10	2	<10	67
S436648		0.81	<10	<10	3	<10	67
S436649		0.88	<10	<10	3	<10	67
S436650		0.97	<10	<10	3	<10	73
S436651		1.00	<10	<10	3	<10	73
S436652		0.98	<10	<10	5	<10	68
S436653		1.04	<10	<10	5	<10	74
S436654		1.03	<10	<10	4	<10	72

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436655		3.27	<0.005		<0.5	6.48	<5	200	0.6	<2	5.98	0.8	29	4	39	14.45
S436656		3.20	<0.005		<0.5	6.64	7	210	0.7	<2	6.08	0.5	34	5	46	14.95
S436657		3.19	<0.005		<0.5	7.38	9	90	0.7	<2	4.46	<0.5	31	35	66	10.25
S436658		3.22	<0.005		<0.5	7.11	9	180	0.7	<2	4.90	0.8	42	23	103	14.85
S436659		3.21	<0.005		<0.5	6.94	13	100	0.6	<2	5.32	0.7	40	24	68	14.90
S436660		1.09	<0.005		<0.5	7.84	<5	1570	1.3	<2	2.65	<0.5	21	97	60	5.59
S436661		3.30	<0.005		<0.5	6.19	16	80	0.5	<2	5.01	0.9	37	6	35	15.15
S436662		3.34	<0.005		<0.5	6.39	37	80	0.5	<2	5.48	1.1	51	2	46	16.25
S436663		3.28	<0.005		<0.5	6.10	33	70	0.5	<2	5.12	0.6	44	3	50	16.65
S436664		2.48	<0.005		<0.5	6.01	36	70	0.5	<2	4.98	1.0	44	2	44	16.35
S436665		2.22	<0.005		<0.5	6.31	45	30	0.5	<2	4.44	0.6	42	7	43	16.30
S436666		0.67	0.503		<0.5	5.29	7560	20	0.5	<2	11.75	0.6	39	2	40	14.05
S436667		1.38	<0.005		<0.5	6.23	50	60	<0.5	<2	4.43	0.7	44	2	32	17.55
S436668		3.25	<0.005		<0.5	6.10	54	110	<0.5	<2	4.93	0.6	49	4	45	17.00
S436669		3.46	<0.005		<0.5	6.16	34	100	0.5	<2	4.98	0.7	44	2	46	16.05
S436670		3.25	<0.005		<0.5	6.46	46	110	0.5	<2	4.81	0.8	53	2	39	16.45
S436671		1.49	<0.005		<0.5	6.36	60	70	0.5	<2	4.63	<0.5	54	1	47	16.85
S436672		2.74	<0.005		<0.5	6.30	61	100	0.5	<2	4.42	1.0	61	1	37	16.90
S436673		3.29	<0.005		<0.5	6.16	49	110	0.5	<2	7.41	1.1	54	2	33	15.55
S436674		3.17	<0.005		<0.5	6.50	43	110	0.5	<2	4.07	0.6	59	2	44	16.10
S436675		3.19	<0.005		<0.5	6.38	56	50	<0.5	<2	4.32	0.7	54	4	43	14.95
S436676		3.24	<0.005		<0.5	6.11	89	10	<0.5	<2	3.93	0.8	51	2	39	15.35
S436677		3.32	<0.005		<0.5	6.05	60	10	<0.5	<2	3.69	1.0	59	2	43	16.35
S436678		1.25	0.060		<0.5	6.01	83	70	0.5	<2	3.21	0.7	57	2	76	16.70
S436679		1.19	0.765		<0.5	3.99	>10000	270	0.6	<2	10.95	1.0	34	6	100	10.60
S436680		0.11	3.98	4.00	0.9	7.07	44	610	0.8	<2	2.51	1.1	18	64	148	5.30
S436681		3.16	0.007		<0.5	6.04	59	60	<0.5	<2	3.65	0.6	51	2	43	15.70
S436682		3.23	0.071		<0.5	5.85	73	100	<0.5	<2	3.72	1.2	60	4	45	15.85
S436683		0.81	0.072		<0.5	5.83	437	170	0.5	<2	3.84	0.6	58	4	66	15.40
S436684		0.93	0.134		<0.5	5.84	62	40	<0.5	<2	3.21	0.8	60	6	34	16.20
S436685		1.13	0.024		<0.5	5.71	61	110	<0.5	<2	4.52	1.0	53	12	192	16.60
S436686		1.77	0.288		<0.5	5.93	60	50	<0.5	<2	2.03	0.7	63	2	80	17.55
S436687		3.21	0.134		<0.5	3.55	4710	60	<0.5	<2	3.85	0.6	40	15	362	10.65
S436688		1.90	0.007		<0.5	5.07	826	90	<0.5	<2	2.94	0.9	47	6	315	14.70
S436689		1.10	1.080		<0.5	4.53	708	170	<0.5	<2	2.93	0.8	46	7	187	13.60
S436690		1.18	0.535		<0.5	5.62	47	120	<0.5	<2	3.35	0.8	55	4	71	17.00
S436691		3.15	<0.005		<0.5	5.65	50	50	<0.5	<2	3.18	0.8	57	5	42	16.65
S436692		1.74	<0.005		<0.5	5.59	52	60	<0.5	<2	3.22	0.6	56	2	61	17.05
S436693		2.17	<0.005		<0.5	5.43	64	100	<0.5	<2	3.33	0.7	65	3	46	17.00
S436694		3.34	<0.005		<0.5	6.43	51	260	0.7	<2	4.29	0.7	52	3	1	16.40

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Finalisée date: 27- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16173884

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436655		20	0.61	10	0.86	2720	<1	1.29	<1	3250	7	0.17	<5	40	201	<20
S436656		20	0.65	10	0.95	2830	<1	1.25	<1	3500	9	0.17	<5	39	205	<20
S436657		20	0.36	20	1.20	1740	<1	2.91	39	2580	14	0.15	<5	16	128	<20
S436658		20	0.68	10	1.25	2750	1	1.89	40	3400	23	0.27	7	24	174	<20
S436659		20	0.40	10	1.01	2460	<1	1.86	19	3060	5	0.28	7	25	156	<20
S436660		20	2.15	40	1.88	553	1	2.29	53	1060	20	0.12	<5	18	550	<20
S436661		20	0.35	10	1.04	2630	1	1.30	3	3240	3	0.14	6	31	120	<20
S436662		20	0.43	10	1.13	2790	1	1.15	<1	3830	7	0.17	9	34	136	<20
S436663		20	0.42	10	1.16	2780	<1	1.17	1	3840	4	0.18	<5	33	112	<20
S436664		20	0.43	10	1.13	2620	<1	1.56	<1	3900	8	0.19	<5	31	69	<20
S436665		20	0.27	10	1.18	2590	<1	1.64	2	3720	3	0.22	<5	27	64	<20
S436666		20	0.10	10	1.11	3070	<1	1.30	3	3780	32	0.64	10	22	173	<20
S436667		20	0.35	10	1.28	2720	<1	1.41	<1	4230	4	0.16	5	25	103	<20
S436668		20	0.37	10	1.26	2620	<1	1.46	<1	4140	8	0.14	<5	23	142	<20
S436669		20	0.46	10	1.25	2570	<1	1.60	1	4490	6	0.18	<5	22	162	<20
S436670		20	0.48	10	1.34	2650	<1	1.66	1	4640	8	0.16	6	19	161	<20
S436671		20	0.28	10	1.40	2810	1	1.52	2	4870	13	0.21	<5	19	151	<20
S436672		20	0.38	10	1.37	2830	<1	1.53	1	4630	9	0.17	<5	19	148	<20
S436673		20	0.44	<10	1.29	2950	<1	1.66	1	690	5	0.12	<5	24	197	<20
S436674		20	0.50	<10	1.44	2630	<1	1.59	1	400	5	0.14	<5	24	163	<20
S436675		20	0.21	<10	1.39	2560	<1	1.85	1	380	13	0.15	<5	23	179	<20
S436676		20	0.03	<10	1.49	2630	<1	2.12	1	380	7	0.09	<5	20	137	<20
S436677		20	0.02	<10	1.61	2750	1	1.77	3	380	4	0.14	<5	21	131	<20
S436678		20	0.23	<10	1.69	2500	<1	1.29	1	350	5	0.45	<5	20	99	<20
S436679		10	0.65	<10	1.10	2420	1	1.05	1	260	26	1.17	12	17	284	<20
S436680		20	1.12	10	1.54	870	7	2.22	44	760	46	0.14	8	16	277	<20
S436681		20	0.15	<10	1.57	2730	<1	2.19	<1	380	7	0.19	<5	20	109	<20
S436682		10	0.19	<10	1.59	2730	<1	1.87	2	370	<2	0.16	<5	21	109	<20
S436683		20	0.49	<10	1.55	2700	<1	1.63	1	360	9	0.32	<5	21	99	<20
S436684		20	0.15	<10	1.64	2680	<1	1.62	4	370	7	0.21	<5	22	87	<20
S436685		20	0.46	<10	1.60	2550	<1	1.41	3	360	6	1.08	5	21	120	<20
S436686		20	0.22	<10	1.85	2620	<1	1.45	3	410	5	0.66	<5	23	59	<20
S436687		10	0.37	<10	1.00	1660	<1	1.47	3	240	6	2.15	<5	14	89	<20
S436688		10	0.57	<10	1.58	1620	<1	1.71	3	330	5	2.37	6	19	87	<20
S436689		10	0.59	<10	1.46	2080	<1	1.06	1	290	6	1.44	<5	17	87	<20
S436690		20	0.29	<10	1.81	2940	1	1.24	4	360	3	0.58	<5	20	94	<20
S436691		20	0.14	<10	1.74	2790	<1	1.54	3	390	5	0.18	8	19	105	<20
S436692		20	0.08	<10	1.80	2900	<1	1.66	1	350	2	0.20	5	18	117	<20
S436693		20	0.12	<10	1.87	2770	<1	1.26	3	350	4	0.15	5	18	110	<20
S436694		20	0.55	<10	2.62	2930	<1	1.02	2	240	2	0.01	<5	23	138	<20

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CERTIFICAT D'ANALYSE VO16173884

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436655		1.07	<10	<10	4	<10	71
S436656		1.10	<10	<10	16	<10	68
S436657		0.64	<10	<10	43	<10	59
S436658		1.00	<10	<10	30	<10	79
S436659		1.00	<10	<10	13	<10	64
S436660		0.56	<10	<10	147	<10	108
S436661		1.02	<10	<10	5	<10	71
S436662		1.17	<10	<10	4	<10	75
S436663		1.17	<10	<10	4	<10	74
S436664		1.11	<10	<10	5	<10	72
S436665		1.08	<10	<10	4	<10	83
S436666		1.01	<10	<10	11	<10	74
S436667		1.17	<10	<10	3	<10	90
S436668		1.10	<10	<10	4	<10	74
S436669		1.17	10	<10	4	<10	72
S436670		1.16	<10	<10	3	<10	82
S436671		1.21	<10	<10	3	<10	100
S436672		1.15	<10	<10	8	<10	109
S436673		1.06	<10	<10	6	<10	94
S436674		1.12	<10	<10	4	<10	94
S436675		1.06	<10	<10	4	<10	93
S436676		1.01	<10	<10	3	<10	97
S436677		1.13	<10	<10	4	<10	109
S436678		1.10	<10	<10	6	<10	114
S436679		0.68	<10	<10	21	<10	53
S436680		0.38	<10	<10	146	40	292
S436681		0.89	<10	<10	4	<10	99
S436682		0.98	<10	<10	5	<10	98
S436683		1.08	<10	<10	6	<10	101
S436684		1.11	<10	<10	7	<10	109
S436685		0.90	<10	<10	25	<10	98
S436686		1.10	<10	<10	7	<10	123
S436687		0.43	<10	<10	33	<10	50
S436688		0.50	<10	<10	57	<10	86
S436689		0.63	<10	<10	18	<10	79
S436690		0.97	<10	<10	5	<10	123
S436691		1.05	<10	<10	5	<10	116
S436692		1.14	<10	<10	6	<10	107
S436693		1.10	<10	<10	7	<10	104
S436694		1.27	<10	<10	7	<10	103

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436695		0.90	0.074		<0.5	6.17	719	250	0.7	<2	4.57	<0.5	45	7	43	13.20
S436696		1.77	0.006		<0.5	6.24	77	10	<0.5	<2	3.33	0.5	72	4	59	17.55
S436697		3.12	<0.005		<0.5	6.07	46	60	<0.5	<2	4.36	<0.5	45	3	24	13.30
S436698		1.81	<0.005		<0.5	6.60	44	100	0.5	<2	3.71	<0.5	39	5	9	11.45
S436699		0.81	0.093		<0.5	6.07	314	90	0.5	<2	4.64	0.5	36	4	24	11.45
S436700		1.20	<0.005		<0.5	7.80	<5	1180	1.2	<2	2.68	0.6	22	90	54	5.90
S436701		1.08	<0.005		<0.5	5.95	44	140	0.5	<2	3.72	0.7	40	3	8	12.15
S436702		3.12	1.295		<0.5	3.18	>10000	60	<0.5	<2	5.09	0.5	30	9	34	8.04
S436703		3.17	0.007		<0.5	6.40	88	30	<0.5	<2	4.31	<0.5	43	4	24	11.95
S436704		3.14	<0.005		<0.5	6.75	37	50	<0.5	<2	4.33	0.7	36	4	13	11.60
S436705		3.44	<0.005		<0.5	6.99	30	60	<0.5	<2	3.96	0.6	34	5	12	11.05
S436706		3.29	<0.005		<0.5	7.30	24	120	0.5	<2	4.37	<0.5	37	5	102	8.53
S436707		3.18	<0.005		<0.5	6.56	17	20	<0.5	<2	4.46	<0.5	31	3	24	11.90
S436708		0.76	0.005		<0.5	7.17	23	80	0.5	<2	3.81	<0.5	40	3	101	8.84
S436709		2.59	<0.005		<0.5	6.33	21	20	<0.5	<2	4.50	0.6	38	3	42	12.00
S436710		3.26	<0.005		<0.5	6.67	16	20	<0.5	<2	4.65	<0.5	32	5	29	11.65
S436711		3.43	<0.005		<0.5	6.35	18	20	<0.5	<2	4.34	0.5	34	4	43	11.70
S436712		2.27	<0.005		<0.5	6.29	16	30	<0.5	<2	5.60	<0.5	36	5	37	11.90
S436713		1.77	<0.005		<0.5	6.49	12	40	<0.5	<2	4.21	<0.5	40	4	55	12.50
S436714		0.92	<0.005		<0.5	6.44	13	40	<0.5	<2	5.19	0.7	107	13	332	13.80
S436715		2.02	<0.005		<0.5	6.04	10	20	<0.5	<2	4.96	<0.5	35	3	62	11.95
S436716		2.28	<0.005		<0.5	6.71	11	10	0.5	<2	4.92	0.7	38	7	61	12.05
S436717		1.15	0.011		<0.5	6.53	14	10	<0.5	<2	4.86	<0.5	41	9	65	12.25
S436718		3.04	<0.005		<0.5	6.59	13	20	<0.5	<2	4.09	<0.5	34	7	40	9.74

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S436695		20	0.56	<10	1.91	2420	1	1.95	3	350	6	0.16	<5	36	159	<20
S436696		20	0.04	<10	1.74	2670	<1	1.40	2	360	3	0.28	<5	22	98	<20
S436697		20	0.32	<10	1.69	2410	1	2.15	3	360	6	0.08	<5	38	128	<20
S436698		20	0.53	<10	1.51	2070	<1	2.64	1	370	<2	0.02	6	37	122	<20
S436699		20	0.50	<10	1.49	2080	<1	2.17	<1	340	3	0.11	<5	34	138	<20
S436700		20	1.89	30	1.96	714	3	2.29	48	940	17	0.12	<5	20	500	<20
S436701		20	0.67	<10	1.70	2210	<1	1.62	2	370	2	0.04	<5	41	107	<20
S436702		10	0.26	<10	0.81	1320	1	1.06	3	200	9	1.51	5	20	118	<20
S436703		20	0.07	<10	1.54	2050	<1	2.10	3	370	7	0.13	<5	37	128	<20
S436704		20	0.10	<10	1.47	2020	<1	2.38	2	370	4	0.05	<5	37	154	<20
S436705		20	0.15	<10	1.29	1880	<1	2.76	3	410	3	0.04	10	36	162	<20
S436706		20	0.40	<10	0.78	1385	<1	3.55	3	520	4	0.41	<5	26	179	<20
S436707		20	0.05	<10	1.47	1890	<1	2.27	1	410	3	0.08	<5	43	155	<20
S436708		20	0.23	<10	0.83	1440	<1	3.75	2	480	4	0.40	<5	27	162	<20
S436709		20	0.04	<10	1.46	1945	<1	2.24	1	430	6	0.15	5	46	158	<20
S436710		20	0.04	<10	1.37	1985	<1	2.67	2	380	4	0.10	5	38	148	<20
S436711		20	0.05	<10	1.37	1980	<1	2.72	3	400	11	0.16	<5	42	141	<20
S436712		20	0.05	<10	1.37	2170	1	2.55	3	400	13	0.13	<5	41	194	<20
S436713		20	0.13	<10	1.53	1945	<1	2.36	2	430	11	0.18	<5	48	202	<20
S436714		20	0.27	<10	1.33	1805	<1	2.61	23	290	163	1.36	<5	39	228	<20
S436715		20	0.09	<10	1.41	1745	<1	2.11	1	410	7	0.22	<5	45	162	<20
S436716		20	0.04	<10	1.29	1735	<1	2.73	3	340	<2	0.20	<5	39	137	<20
S436717		20	0.02	<10	1.32	1810	<1	2.47	1	370	<2	0.20	<5	40	110	<20
S436718		20	0.05	<10	0.99	1465	<1	3.08	<1	350	<2	0.17	<5	30	88	<20

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S436695		1.50	<10	<10	11	<10	73
S436696		1.39	<10	<10	1	<10	113
S436697		1.34	<10	<10	11	<10	87
S436698		1.33	<10	<10	13	<10	75
S436699		1.22	<10	<10	15	<10	77
S436700		0.56	<10	<10	161	<10	117
S436701		1.33	<10	<10	11	<10	88
S436702		0.72	<10	<10	17	<10	43
S436703		1.39	<10	<10	14	<10	86
S436704		1.33	<10	<10	15	<10	78
S436705		1.50	<10	<10	17	<10	66
S436706		1.14	<10	<10	13	<10	45
S436707		1.42	<10	<10	23	<10	65
S436708		1.37	<10	<10	20	<10	41
S436709		1.67	<10	<10	28	<10	64
S436710		1.79	<10	<10	30	<10	67
S436711		1.69	<10	<10	35	<10	74
S436712		1.69	<10	<10	42	<10	67
S436713		1.64	<10	<10	33	<10	70
S436714		1.19	<10	<10	34	<10	67
S436715		1.35	<10	<10	62	<10	72
S436716		1.52	<10	<10	75	<10	61
S436717		1.55	<10	<10	78	<10	69
S436718		1.14	<10	<10	54	<10	53

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16173884

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
LOG- 24	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	ME- ICP61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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www.alsglobal.com

À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

plus les pages d'annexe
Finalisée date: 9- NOV- 2016
Compte: MIDEXP

CERTIFICAT VO16174790

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 92 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- OCT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICAT D'ANALYSE VO16174790

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436838		3.40	<0.005		<0.5	5.96	14	280	1.2	<2	2.57	<0.5	11	8	3	7.76
S436839		3.39	<0.005		<0.5	5.55	19	110	0.7	2	3.01	<0.5	19	7	8	9.43
S436840		0.81	<0.005		<0.5	7.89	<5	1030	1.1	<2	2.62	<0.5	22	99	28	6.44
S436841		2.28	<0.005		<0.5	5.80	18	60	0.6	<2	3.65	<0.5	20	5	16	9.80
S436842		2.78	<0.005		<0.5	5.61	12	100	0.6	<2	3.43	<0.5	19	4	8	8.63
S436843		1.83	<0.005		<0.5	5.90	<5	180	0.9	2	2.91	<0.5	24	4	44	9.21
S436844		1.80	0.006		<0.5	5.73	<5	100	0.6	<2	3.69	<0.5	14	5	7	8.88
S436845		1.94	0.059		<0.5	5.71	5	230	1.0	2	4.48	<0.5	11	6	31	7.43
S436846		1.96	<0.005		<0.5	5.56	<5	150	0.9	<2	3.47	<0.5	10	5	9	7.52
S436847		1.94	<0.005		<0.5	6.03	<5	110	0.9	<2	3.85	<0.5	11	7	12	8.72
S436848		3.16	<0.005		<0.5	5.85	<5	60	0.9	<2	3.60	<0.5	15	9	18	8.84
S436849		2.65	<0.005		<0.5	5.53	<5	30	0.8	<2	3.77	<0.5	15	5	16	10.20
S436850		1.70	<0.005		<0.5	5.55	<5	20	0.9	4	4.03	<0.5	14	3	20	9.92
S436851		3.13	<0.005		<0.5	5.62	<5	70	1.4	<2	3.76	<0.5	14	3	11	9.16
S436852		3.23	<0.005		<0.5	5.61	<5	130	1.0	<2	4.05	<0.5	18	5	8	9.21
S436853		3.14	<0.005		<0.5	5.50	<5	70	0.7	2	4.10	<0.5	16	3	10	10.10
S436854		3.51	<0.005		<0.5	5.65	<5	110	0.7	<2	4.33	<0.5	16	4	8	9.82
S436855		3.42	<0.005		<0.5	5.52	5	70	0.5	2	4.28	<0.5	18	3	6	10.25
S436856		3.26	<0.005		<0.5	5.73	5	170	0.8	2	3.34	<0.5	14	4	11	8.32
S436857		3.15	<0.005		<0.5	4.77	9	200	0.8	<2	7.31	0.6	13	3	7	7.92
S436858		3.43	0.013		<0.5	6.20	57	140	0.6	2	4.24	<0.5	17	5	3	12.10
S436859		3.43	<0.005		<0.5	6.30	92	110	0.7	4	3.87	<0.5	18	3	5	9.71
S436860		0.10	4.12	NSS	0.7	6.68	31	570	0.8	<2	2.37	0.9	16	60	141	4.99
S436861		3.51	0.006		<0.5	6.07	30	110	0.5	3	2.80	<0.5	22	5	1	10.80
S436862		2.32	0.005		<0.5	5.78	83	110	0.5	<2	3.33	0.5	21	4	4	10.85
S436863		3.44	<0.005		<0.5	5.74	12	130	0.6	2	2.99	0.5	19	5	23	11.15
S436864		3.23	<0.005		<0.5	5.36	16	130	0.7	3	2.60	<0.5	26	9	50	9.05
S436865		1.55	<0.005		<0.5	5.40	40	130	0.8	<2	2.16	<0.5	47	7	115	7.21
S436866		2.10	<0.005		<0.5	5.10	15	130	0.6	<2	3.91	<0.5	24	5	84	9.76
S436867		0.88	<0.005		<0.5	5.31	<5	90	0.5	<2	4.33	<0.5	25	3	99	10.85
S436868		3.19	<0.005		<0.5	5.53	<5	100	0.6	2	4.05	<0.5	17	8	37	10.45
S436869		3.46	<0.005		<0.5	5.78	6	110	0.7	4	4.30	<0.5	20	5	36	11.05
S436870		2.02	0.005		<0.5	5.48	6	90	0.6	2	4.13	<0.5	18	3	48	10.75
S436871		2.71	<0.005		<0.5	5.46	5	130	0.6	3	4.25	<0.5	19	3	49	10.85
S436872		1.57	<0.005		<0.5	5.59	7	140	0.7	<2	4.05	<0.5	20	4	27	10.80
S436873		2.23	0.007		<0.5	5.62	13	160	0.8	2	4.59	<0.5	29	3	52	10.80
S436874		2.66	0.006		<0.5	5.82	13	110	0.8	3	6.52	0.5	30	5	37	11.20
S436875		1.99	<0.005		<0.5	5.67	13	60	0.7	5	5.26	0.5	32	4	36	12.65
S436876		0.99	<0.005		<0.5	5.98	12	50	0.6	4	5.53	0.5	43	6	65	14.25
S436877		1.37	<0.005		<0.5	6.27	20	60	0.7	<2	5.82	<0.5	45	3	56	13.40

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO16174790

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436838		20	1.37	10	0.93	1615	<1	1.63	3	580	4	0.02	<5	27	107	<20
S436839		20	0.43	10	0.47	1670	<1	2.06	3	740	4	0.09	<5	28	134	<20
S436840		20	1.81	30	2.03	815	1	2.24	54	1120	19	0.08	<5	23	488	<20
S436841		20	0.15	10	0.33	1765	<1	2.37	2	880	8	0.18	<5	29	165	<20
S436842		20	0.29	10	0.31	1485	<1	2.16	<1	720	7	0.09	<5	27	168	<20
S436843		20	0.59	10	0.27	1365	<1	2.08	1	850	9	0.49	<5	25	145	<20
S436844		20	0.32	10	0.26	1695	<1	2.21	1	990	3	0.07	6	27	182	<20
S436845		20	1.05	10	0.14	1550	<1	1.72	3	910	5	0.33	<5	23	187	<20
S436846		20	0.47	10	0.11	1370	<1	2.44	2	880	7	0.07	<5	25	162	<20
S436847		20	0.29	10	0.13	1620	<1	2.45	1	1060	5	0.10	6	28	147	<20
S436848		20	0.15	10	0.19	1760	<1	2.34	<1	1130	5	0.14	<5	31	141	<20
S436849		20	0.10	10	0.33	2050	<1	1.86	1	1400	5	0.13	<5	33	116	<20
S436850		20	0.06	10	0.63	1970	<1	1.80	2	1340	2	0.16	<5	34	89	<20
S436851		20	0.20	10	0.93	1880	<1	1.77	1	1290	9	0.08	5	34	88	<20
S436852		20	0.37	20	0.76	1900	<1	1.73	2	1270	6	0.06	<5	33	109	<20
S436853		20	0.23	10	0.46	1935	<1	1.85	1	1500	4	0.10	<5	37	132	<20
S436854		20	0.37	10	0.41	2010	<1	1.88	1	1440	9	0.08	<5	36	163	<20
S436855		20	0.26	10	0.42	2120	<1	1.80	1	1600	6	0.05	5	37	175	<20
S436856		20	0.77	10	0.58	1670	<1	1.71	5	1420	7	0.07	<5	36	145	<20
S436857		20	1.03	10	0.78	2660	<1	0.73	1	1420	10	0.06	<5	31	187	<20
S436858		30	0.88	10	0.95	2480	<1	0.97	2	2200	6	0.02	<5	48	158	<20
S436859		20	0.86	10	0.87	2310	<1	1.90	1	2080	7	0.05	<5	43	129	<20
S436860		20	1.06	10	1.44	820	7	2.10	39	720	46	0.14	8	15	260	<20
S436861		20	1.08	10	0.85	1775	<1	1.37	1	1980	4	<0.01	<5	39	93	<20
S436862		20	0.88	10	0.79	1945	<1	1.63	2	2050	6	0.04	<5	34	124	<20
S436863		20	0.86	10	0.82	1815	<1	1.44	2	1960	5	0.17	<5	36	107	<20
S436864		20	0.52	10	0.42	1650	<1	2.27	1	940	2	0.45	<5	26	139	<20
S436865		20	0.55	<10	0.43	1205	<1	2.73	3	690	3	0.70	<5	23	127	<20
S436866		20	0.49	10	0.47	1700	<1	1.69	<1	1430	5	0.33	<5	37	158	<20
S436867		20	0.29	10	0.32	1860	<1	1.67	2	1530	2	0.33	<5	31	177	<20
S436868		20	0.31	10	0.31	1910	<1	1.90	2	1640	4	0.13	<5	32	169	<20
S436869		20	0.30	10	0.32	2110	<1	2.00	1	1760	3	0.13	<5	33	157	<20
S436870		20	0.29	10	0.32	2050	<1	1.82	1	1680	<2	0.17	<5	32	129	<20
S436871		20	0.45	10	0.33	2070	<1	1.63	1	1740	2	0.20	<5	33	130	<20
S436872		20	0.52	10	0.35	2090	<1	1.66	<1	1800	2	0.17	<5	32	118	<20
S436873		20	0.63	10	0.38	2090	<1	1.55	1	1870	3	0.42	5	32	112	<20
S436874		20	0.44	10	0.50	2480	<1	1.77	1	2080	3	0.32	<5	34	139	<20
S436875		20	0.25	10	0.54	2420	1	1.49	3	2660	4	0.37	<5	39	123	<20
S436876		20	0.26	10	0.67	2650	<1	1.14	3	3230	4	0.59	<5	42	133	<20
S436877		20	0.29	10	0.64	2490	1	1.33	1	2820	7	0.53	<5	40	182	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436838		0.31	<10	<10	<1	10	53
S436839		0.43	<10	<10	<1	<10	66
S436840		0.54	<10	<10	148	<10	109
S436841		0.45	<10	<10	<1	<10	70
S436842		0.38	<10	<10	<1	<10	60
S436843		0.50	<10	<10	<1	<10	55
S436844		0.55	<10	<10	<1	<10	59
S436845		0.52	<10	<10	<1	<10	47
S436846		0.52	<10	<10	<1	<10	51
S436847		0.54	<10	<10	<1	<10	57
S436848		0.56	<10	<10	<1	<10	57
S436849		0.59	<10	<10	<1	<10	73
S436850		0.56	<10	<10	<1	<10	109
S436851		0.59	<10	<10	<1	<10	101
S436852		0.63	<10	<10	<1	<10	72
S436853		0.64	<10	<10	<1	<10	55
S436854		0.62	<10	<10	<1	<10	54
S436855		0.65	<10	<10	1	<10	62
S436856		0.68	<10	<10	1	<10	66
S436857		0.56	<10	<10	<1	<10	69
S436858		0.69	<10	<10	1	<10	106
S436859		0.72	<10	<10	1	<10	85
S436860		0.35	<10	<10	135	40	274
S436861		0.67	<10	<10	2	<10	99
S436862		0.70	<10	<10	1	<10	99
S436863		0.69	<10	<10	1	<10	104
S436864		0.43	<10	<10	<1	<10	47
S436865		0.39	<10	<10	<1	<10	33
S436866		0.56	<10	<10	1	<10	49
S436867		0.58	<10	<10	2	<10	51
S436868		0.64	<10	<10	1	<10	52
S436869		0.68	<10	<10	1	<10	56
S436870		0.64	<10	<10	<1	<10	53
S436871		0.67	<10	<10	1	<10	52
S436872		0.67	<10	<10	1	<10	54
S436873		0.68	<10	<10	1	<10	57
S436874		0.73	<10	<10	1	<10	67
S436875		0.85	<10	<10	2	<10	60
S436876		1.00	<10	<10	2	<10	65
S436877		0.92	10	<10	2	<10	58

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436878		1.19	<0.005		<0.5	6.21	18	50	0.6	5	5.52	0.6	34	3	25	13.50
S436879		1.61	<0.005		<0.5	5.47	15	40	<0.5	<2	5.68	0.6	39	3	42	16.50
S436880		0.62	<0.005		<0.5	7.88	<5	1160	1.1	<2	2.73	<0.5	21	98	34	6.18
S436881		2.33	<0.005		<0.5	6.79	15	60	0.6	2	6.13	1.0	26	3	12	13.30
S436882		2.46	<0.005		<0.5	6.24	14	110	0.6	2	6.09	0.8	25	2	25	12.90
S436883		0.77	0.135		<0.5	5.53	876	50	0.6	2	5.55	<0.5	19	5	35	10.40
S436884		2.91	<0.005		<0.5	6.00	23	80	0.6	<2	5.59	<0.5	31	2	47	12.75
S436885		1.79	<0.005		<0.5	6.18	21	130	0.6	4	5.57	0.6	34	3	41	13.95
S436886		2.87	<0.005		<0.5	6.19	21	110	0.5	<2	5.46	0.6	32	5	39	13.85
S436887		3.03	<0.005		<0.5	6.78	20	90	0.6	6	4.90	<0.5	31	13	31	13.20
S436888		3.12	<0.005		<0.5	6.15	14	110	0.5	<2	4.55	<0.5	23	3	29	12.00
S436889		1.63	<0.005		<0.5	6.23	17	120	0.5	5	5.47	0.7	30	3	28	14.70
S436890		2.73	<0.005		<0.5	6.31	15	130	0.5	3	5.41	<0.5	28	4	44	14.40
S436891		0.86	0.009		<0.5	5.92	22	110	0.8	<2	5.90	0.9	30	3	53	14.05
S436892		2.17	<0.005		<0.5	6.22	31	110	0.6	<2	5.05	0.7	36	3	50	14.50
S436893		1.92	0.034		<0.5	6.23	66	70	0.6	3	4.82	0.5	35	2	43	14.45
S436894		0.78	0.022		<0.5	5.59	41	50	0.5	<2	6.46	0.7	30	4	42	12.70
S436895		1.01	0.073		<0.5	5.83	446	30	0.6	<2	6.54	0.5	34	3	21	13.10
S436896		1.80	0.006		<0.5	6.36	41	50	0.6	2	4.72	0.6	42	3	24	14.65
S436897		1.96	0.011		<0.5	6.10	28	80	0.5	<2	4.95	0.7	40	3	37	14.30
S436898		0.80	0.177		<0.5	5.98	600	60	0.5	5	5.32	0.6	34	2	50	13.85
S436899		1.81	<0.005		<0.5	6.01	22	100	0.5	4	4.84	0.7	37	3	31	14.20
S436900		0.78	<0.005		<0.5	7.11	<5	790	1.3	2	3.14	<0.5	18	91	32	4.89
S436901		3.40	<0.005		<0.5	6.03	18	110	<0.5	2	4.58	0.7	31	3	34	13.55
S436902		3.45	<0.005		<0.5	6.37	17	90	0.5	<2	4.87	0.6	33	10	41	14.70
S436903		3.51	<0.005		<0.5	6.22	27	90	0.5	2	4.81	0.5	42	2	40	14.90
S436904		2.26	<0.005		<0.5	6.33	26	60	<0.5	3	4.75	0.6	46	3	51	15.15
S436905		2.05	<0.005		<0.5	6.65	30	40	0.5	<2	4.16	0.6	49	2	37	15.20
S436906		2.84	<0.005		<0.5	6.38	25	50	0.5	6	4.94	0.7	42	2	49	14.60
S436907		2.72	<0.005		<0.5	6.81	26	40	<0.5	<2	4.54	0.5	50	3	45	14.45
S436908		2.32	<0.005		<0.5	6.49	15	40	<0.5	<2	4.07	0.6	46	3	41	15.85
S436909		2.27	<0.005		<0.5	6.31	17	20	<0.5	3	3.94	0.6	49	3	32	15.70
S436910		2.88	<0.005		<0.5	6.24	12	20	<0.5	2	4.70	0.6	47	3	55	15.15
S436911		2.23	<0.005		<0.5	6.92	55	110	0.6	3	3.25	<0.5	48	3	7	14.65
S436912		1.79	<0.005		<0.5	6.88	30	200	0.7	<2	3.66	0.5	43	3	15	13.20
S436913		1.90	<0.005		<0.5	6.59	38	90	0.5	<2	3.82	0.5	55	4	48	15.00
S436914		3.31	<0.005		<0.5	6.35	32	30	<0.5	5	4.12	0.5	54	2	29	15.65
S436915		3.37	<0.005		<0.5	6.74	36	30	<0.5	4	3.99	0.5	56	3	26	15.70
S436916		2.21	0.007		<0.5	6.50	48	90	<0.5	2	3.54	0.5	55	3	25	15.60
S436917		1.71	0.010		<0.5	6.58	54	60	<0.5	3	4.26	0.7	62	5	41	14.85

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CERTIFICAT D'ANALYSE VO16174790

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436878		20	0.24	10	0.69	2580	<1	1.17	1	2990	<2	0.28	<5	40	174	<20
S436879		20	0.22	10	0.89	3050	1	0.34	1	3240	7	0.51	<5	53	142	<20
S436880		20	1.87	20	1.94	724	<1	2.33	50	1000	13	0.09	<5	22	469	<20
S436881		20	0.29	10	0.71	2590	1	1.49	<1	3010	3	0.14	<5	38	204	<20
S436882		20	0.53	10	0.71	2460	<1	1.79	1	2910	5	0.19	<5	36	116	<20
S436883		20	0.27	10	0.56	1960	<1	1.92	<1	2200	2	0.29	6	28	129	<20
S436884		20	0.53	10	0.71	2450	1	1.59	2	3030	3	0.27	<5	36	139	<20
S436885		20	0.74	10	0.80	2620	<1	1.53	1	3100	2	0.19	<5	37	119	<20
S436886		20	0.58	10	0.80	2620	1	1.58	4	3190	<2	0.21	<5	33	111	<20
S436887		20	0.37	10	0.88	2490	<1	1.86	3	3010	4	0.15	<5	31	123	<20
S436888		20	0.56	10	0.81	2330	<1	1.72	1	2590	<2	0.18	<5	32	97	<20
S436889		20	0.65	10	0.92	2800	<1	1.22	3	3380	4	0.14	<5	36	109	<20
S436890		20	0.71	10	0.91	2700	<1	1.47	1	3330	5	0.20	<5	34	105	<20
S436891		20	0.56	10	0.90	2700	<1	1.40	3	3430	10	0.26	6	33	100	<20
S436892		20	0.55	10	0.93	2580	2	1.65	7	3490	10	0.21	<5	34	102	<20
S436893		20	0.35	10	0.92	2530	<1	1.91	3	3450	5	0.22	<5	33	110	<20
S436894		20	0.26	10	0.81	2700	<1	1.79	1	2980	6	0.27	<5	29	147	<20
S436895		20	0.16	10	0.97	2820	<1	1.73	2	3130	6	0.26	<5	31	136	<20
S436896		20	0.28	10	0.94	2610	<1	1.95	3	3390	2	0.18	<5	35	124	<20
S436897		20	0.44	10	0.90	2550	<1	1.73	3	3340	3	0.18	<5	32	122	<20
S436898		20	0.31	10	0.89	2400	<1	1.79	4	3280	3	0.31	<5	32	123	<20
S436899		20	0.55	10	0.89	2550	<1	1.66	1	3410	2	0.15	7	32	121	<20
S436900		20	1.34	30	1.69	602	1	2.01	46	910	9	0.08	<5	15	469	<20
S436901		20	0.56	10	0.84	2360	<1	1.79	2	3190	<2	0.15	<5	29	120	<20
S436902		20	0.43	10	1.00	2420	<1	1.73	4	3870	2	0.13	7	23	131	<20
S436903		20	0.51	10	1.06	2360	<1	1.50	2	3950	4	0.17	<5	22	135	<20
S436904		20	0.33	10	1.01	2280	<1	1.59	4	4160	6	0.23	<5	17	119	<20
S436905		20	0.19	10	1.13	2370	<1	1.88	3	4260	6	0.15	<5	17	118	<20
S436906		20	0.26	10	1.12	2350	<1	1.75	3	4030	3	0.19	<5	18	116	<20
S436907		20	0.15	<10	1.12	2270	<1	2.12	3	450	5	0.15	<5	24	160	<20
S436908		20	0.17	<10	1.29	2580	<1	1.70	2	420	7	0.13	<5	20	116	<20
S436909		20	0.09	<10	1.31	2530	<1	1.49	3	410	3	0.11	<5	17	122	<20
S436910		20	0.10	<10	1.30	2270	<1	1.37	3	420	5	0.21	<5	16	149	<20
S436911		20	0.45	<10	1.65	2280	<1	1.75	2	440	2	0.09	<5	18	94	<20
S436912		20	0.84	<10	1.58	2440	<1	1.72	3	420	<2	0.05	<5	17	105	<20
S436913		20	0.43	<10	1.48	2410	<1	1.61	3	420	3	0.20	<5	17	106	<20
S436914		20	0.15	<10	1.53	2570	<1	1.24	4	400	4	0.15	<5	17	135	<20
S436915		20	0.16	<10	1.53	2550	<1	1.58	3	410	3	0.12	<5	18	135	<20
S436916		20	0.48	<10	1.58	2580	1	1.60	3	390	6	0.20	<5	17	99	<20
S436917		20	0.34	<10	1.50	2510	<1	1.78	3	390	2	0.24	<5	17	106	<20

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Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174790

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436878		0.94	<10	<10	3	<10	62
S436879		1.12	<10	<10	4	<10	72
S436880		0.53	<10	<10	142	<10	110
S436881		0.98	10	<10	3	<10	58
S436882		0.93	<10	<10	3	<10	59
S436883		0.67	<10	<10	3	<10	57
S436884		0.93	<10	<10	3	<10	62
S436885		0.95	<10	<10	3	<10	64
S436886		0.97	<10	<10	3	<10	61
S436887		0.95	<10	<10	9	<10	61
S436888		0.86	10	<10	4	<10	57
S436889		1.07	<10	<10	3	<10	66
S436890		1.03	<10	<10	3	<10	65
S436891		1.06	<10	<10	3	<10	67
S436892		1.07	<10	<10	2	<10	70
S436893		1.07	<10	<10	2	<10	65
S436894		0.92	<10	<10	2	<10	62
S436895		0.97	<10	<10	3	<10	71
S436896		1.06	10	<10	4	<10	70
S436897		1.03	<10	<10	4	<10	69
S436898		1.01	<10	<10	3	<10	65
S436899		1.04	<10	<10	2	<10	66
S436900		0.48	<10	<10	135	<10	92
S436901		0.99	<10	<10	3	<10	63
S436902		1.07	<10	<10	4	<10	71
S436903		1.07	<10	<10	4	<10	70
S436904		1.08	<10	<10	2	<10	71
S436905		1.07	<10	<10	3	<10	69
S436906		1.06	<10	<10	3	<10	66
S436907		1.03	<10	<10	4	<10	61
S436908		0.95	<10	<10	5	<10	67
S436909		0.93	<10	<10	3	<10	71
S436910		0.89	<10	<10	4	<10	71
S436911		0.94	<10	<10	5	<10	77
S436912		0.83	<10	<10	4	<10	65
S436913		0.83	<10	<10	2	<10	75
S436914		0.85	<10	<10	1	<10	86
S436915		0.95	<10	<10	2	<10	93
S436916		0.84	<10	<10	2	<10	88
S436917		0.82	<10	<10	3	<10	89

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CERTIFICAT D'ANALYSE VO16174790

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436918		1.79	0.087		<0.5	6.97	60	40	0.5	<2	3.21	0.5	69	5	74	15.20
S436919		1.47	1.520		<0.5	6.60	7290	20	<0.5	5	5.47	0.7	67	6	159	15.10
S436920		0.72	<0.005		<0.5	7.63	13	990	1.3	2	2.76	<0.5	20	88	68	4.49
S436921		1.01	0.024		<0.5	6.78	50	10	0.5	4	4.65	<0.5	56	6	34	13.70
S436922		2.85	0.007		<0.5	7.17	34	10	<0.5	<2	4.34	0.5	45	3	23	12.15
S436923		1.94	0.007		<0.5	7.53	30	20	0.5	3	4.46	<0.5	33	3	34	9.90
S436924		1.85	<0.005		<0.5	7.85	20	30	0.5	<2	4.81	0.5	34	6	59	10.15
S436925		1.97	0.005		<0.5	8.07	11	40	0.5	<2	4.37	<0.5	22	7	20	8.29
S436926		3.22	0.012		<0.5	8.10	16	50	0.5	5	4.82	0.5	30	6	30	10.10
S436927		3.11	<0.005		<0.5	6.98	8	30	<0.5	<2	4.90	0.5	28	3	9	10.30
S436928		2.79	<0.005		<0.5	7.26	9	20	0.5	<2	4.93	0.5	28	7	12	10.55
S436929		3.47	<0.005		<0.5	6.81	9	10	<0.5	6	5.99	0.5	27	4	25	10.65

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436918		20	0.20	<10	1.56	2390	<1	1.97	5	390	3	0.45	<5	18	79	<20
S436919		20	0.08	<10	1.45	2340	1	2.13	4	420	11	1.46	<5	20	83	<20
S436920		20	1.58	30	1.52	408	1	2.51	51	890	17	0.16	<5	12	546	<20
S436921		20	0.02	<10	1.38	2440	<1	2.08	5	400	2	0.23	<5	18	71	<20
S436922		20	0.03	<10	1.40	2220	<1	2.54	4	410	<2	0.08	<5	28	67	<20
S436923		20	0.07	<10	1.20	1795	<1	3.20	1	450	3	0.09	<5	33	79	<20
S436924		20	0.05	<10	1.08	1715	<1	2.72	2	410	2	0.20	<5	33	157	<20
S436925		20	0.08	10	0.92	1325	<1	3.21	1	570	5	0.04	<5	28	165	<20
S436926		20	0.16	<10	1.33	1725	<1	3.05	3	440	<2	0.09	8	35	180	<20
S436927		20	0.10	<10	1.88	2030	<1	3.02	2	230	<2	0.02	<5	44	131	<20
S436928		20	0.06	<10	2.02	2070	1	3.02	4	80	<2	0.02	<5	47	103	<20
S436929		20	0.06	<10	1.63	2000	<1	2.48	3	200	4	0.07	<5	38	82	<20

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S436918		0.82	<10	<10	2	<10	96
S436919		0.87	<10	<10	12	<10	89
S436920		0.46	<10	<10	127	<10	85
S436921		0.79	<10	<10	3	<10	97
S436922		0.73	<10	<10	5	<10	94
S436923		0.79	<10	<10	8	<10	66
S436924		1.11	<10	<10	11	<10	55
S436925		1.09	<10	<10	9	<10	39
S436926		1.72	<10	<10	17	<10	44
S436927		1.75	<10	<10	24	<10	51
S436928		1.89	<10	<10	29	<10	65
S436929		1.66	<10	<10	46	<10	66

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CERTIFICAT D'ANALYSE VO16174790

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.
Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: BAG- 01	CRU- 32	CRU- QC	LOG- 22
LOG- 24	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode: Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applique à la Méthode: ME- ICP61

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Finalisée date: 11- NOV- 2016
Compte: MIDEXP

CERTIFICAT VO16174799

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 11 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 13- OCT- 2016.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP06	Roche entière - ICP- AES	ICP- AES
OA- GRA05	Perte par calcination à 1 000 C	WST- SEQ
ME- MS81	Fusion Lithium Borate ICP- MS	ICP- MS
TOT- ICP06		ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 11- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174799

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- MS81 Ba ppm 0.5	ME- MS81 Ce ppm 0.5	ME- MS81 Cr ppm 10	ME- MS81 Cs ppm 0.01	ME- MS81 Dy ppm 0.05	ME- MS81 Er ppm 0.03	ME- MS81 Eu ppm 0.03	ME- MS81 Ga ppm 0.1	ME- MS81 Gd ppm 0.05	ME- MS81 Hf ppm 0.2	ME- MS81 Ho ppm 0.01	ME- MS81 La ppm 0.5	ME- MS81 Lu ppm 0.01
S436962		0.67	0.011	138.0	12.5	20	8.51	4.55	2.76	1.45	21.7	3.70	2.5	0.96	5.0	0.43
S436963		0.25	<0.005	183.0	20.8	10	0.78	10.30	6.87	1.73	20.1	9.00	7.9	2.25	7.6	0.96
S436964		0.40	<0.005	43.2	21.0	10	3.13	6.90	3.82	1.49	18.5	6.42	1.9	1.42	8.0	0.42
S436965		0.63	<0.005	38.7	18.4	10	0.17	15.65	10.10	2.07	21.0	12.30	6.7	3.47	6.3	1.19
S436966		0.35	<0.005	62.7	17.6	10	5.59	7.16	4.38	1.13	15.3	6.38	2.7	1.49	6.3	0.54
S436967		0.37	<0.005	6.3	5.6	<10	0.27	2.94	1.98	1.00	15.8	2.31	1.9	0.67	2.1	0.30
S436968		0.42	<0.005	18.7	23.7	10	0.64	13.45	9.34	1.61	19.4	10.25	6.3	3.02	9.5	1.37
S436969		0.32	<0.005	79.4	19.2	10	6.34	5.17	2.99	1.44	16.8	4.90	2.0	1.03	7.4	0.40
S436970		0.33	0.007	53.2	12.0	10	4.17	4.33	2.56	1.30	19.7	3.71	1.9	0.88	4.2	0.35
S436971		0.49	<0.005	63.1	55.6	10	0.22	14.50	8.76	1.89	19.3	12.95	6.7	3.05	24.1	1.04
S436972		0.33	<0.005	14.1	10.5	<10	1.23	3.72	2.33	1.27	19.3	3.37	1.9	0.81	3.9	0.33

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Finalisée date: 11- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174799

Description échantillon	Méthode élément unités L.D.	ME- MS81 Nb ppm 0.2	ME- MS81 Nd ppm 0.1	ME- MS81 Pr ppm 0.03	ME- MS81 Rb ppm 0.2	ME- MS81 Sm ppm 0.03	ME- MS81 Sn ppm 1	ME- MS81 Sr ppm 0.1	ME- MS81 Ta ppm 0.1	ME- MS81 Tb ppm 0.01	ME- MS81 Th ppm 0.05	ME- MS81 Tm ppm 0.01	ME- MS81 U ppm 0.05	ME- MS81 V ppm 5	ME- MS81 W ppm 1	ME- MS81 Y ppm 0.5
S436962		5.5	8.9	1.81	15.0	2.87	1	292	0.5	0.65	0.67	0.41	0.19	256	1	24.6
S436963		12.4	18.3	3.38	33.2	6.93	1	113.5	0.9	1.57	3.16	0.97	0.97	5	5	60.2
S436964		5.3	16.7	3.33	24.0	5.22	<1	92.2	0.3	1.10	0.57	0.51	0.14	8	<1	35.5
S436965		9.8	18.8	3.23	1.5	8.13	<1	155.5	0.8	2.31	3.49	1.38	1.02	<5	<1	91.5
S436966		6.5	14.3	2.77	10.3	4.86	<1	117.5	0.4	1.13	1.52	0.60	0.28	<5	<1	38.9
S436967		4.0	4.6	0.90	0.6	1.61	<1	113.5	0.3	0.45	0.56	0.29	0.18	7	<1	17.8
S436968		12.9	18.5	3.63	0.8	6.81	<1	141.5	0.8	2.00	3.09	1.38	1.12	<5	<1	80.4
S436969		4.5	14.5	2.93	34.0	4.08	<1	125.0	0.3	0.77	0.63	0.38	0.21	<5	<1	27.5
S436970		5.8	9.7	1.89	7.8	3.10	<1	145.5	0.4	0.66	0.61	0.34	0.16	20	1	22.5
S436971		15.3	36.5	7.75	4.8	10.50	<1	177.0	0.9	2.27	3.31	1.20	0.89	<5	<1	80.6
S436972		6.0	8.3	1.74	2.8	2.62	1	108.5	0.4	0.59	0.46	0.33	0.12	18	<1	20.5

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Finalisée date: 11- NOV- 2016
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174799

Description échantillon	Méthode élément unités L.D.	ME- MS81 Yb ppm 0.03	ME- MS81 Zr ppm 2	ME- ICP06 SiO2 % 0.01	ME- ICP06 Al2O3 % 0.01	ME- ICP06 Fe2O3 % 0.01	ME- ICP06 CaO % 0.01	ME- ICP06 MgO % 0.01	ME- ICP06 Na2O % 0.01	ME- ICP06 K2O % 0.01	ME- ICP06 Cr2O3 % 0.01	ME- ICP06 TiO2 % 0.01	ME- ICP06 MnO % 0.01	ME- ICP06 P2O5 % 0.01	ME- ICP06 SrO % 0.01	ME- ICP06 BaO % 0.01
S436962		2.71	89	47.9	14.50	17.70	6.78	2.64	2.58	0.34	<0.01	2.16	0.26	0.10	0.03	0.02
S436963		6.72	289	57.3	11.45	11.25	2.70	0.67	4.80	1.16	<0.01	0.48	0.22	0.08	0.01	0.02
S436964		3.13	69	44.8	11.70	20.5	7.08	1.76	2.55	0.35	<0.01	1.68	0.31	0.74	0.01	0.01
S436965		8.84	246	67.1	10.20	10.15	2.80	0.28	3.79	0.05	<0.01	0.37	0.14	0.06	0.02	<0.01
S436966		3.83	99	62.7	9.27	14.90	4.42	0.96	1.28	0.21	<0.01	1.00	0.26	0.34	0.01	0.01
S436967		1.99	69	42.3	11.20	24.2	4.83	2.77	2.31	0.02	<0.01	1.96	0.35	0.09	0.01	<0.01
S436968		9.64	235	64.7	10.05	12.90	2.79	0.32	3.44	0.03	<0.01	0.42	0.23	0.09	0.02	<0.01
S436969		2.59	70	44.2	12.15	23.3	6.41	1.86	2.29	0.57	<0.01	1.85	0.32	0.94	0.02	0.01
S436970		2.53	69	50.6	15.10	16.50	5.76	2.46	3.90	0.23	<0.01	3.15	0.25	0.10	0.02	0.01
S436971		7.69	251	69.7	10.60	10.20	2.67	0.26	4.07	0.13	<0.01	0.58	0.15	0.07	0.02	0.01
S436972		2.25	71	48.5	13.95	15.75	6.11	2.02	4.50	0.08	<0.01	2.82	0.25	0.10	0.01	<0.01

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Finalisée date: 11- NOV- 2016
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CERTIFICAT D'ANALYSE VO16174799

Description échantillon	Méthode élément unités L.D.	OA- GRA05 LOI % 0.01	TOT- ICP06 Total % 0.01
S436962		3.18	98.19
S436963		7.88	98.02
S436964		5.74	97.23
S436965		3.18	98.14
S436966		2.72	98.08
S436967		8.54	98.58
S436968		4.08	99.07
S436969		6.17	100.09
S436970		3.46	101.54
S436971		3.14	101.60
S436972		5.03	99.12

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CERTIFICAT D'ANALYSE VO16174799

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:	BAG- 01	CRU- 32	CRU- QC	LOG- 22
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:	Au- AA23			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	ME- ICP06	ME- MS81	OA- GRA05	TOT- ICP06

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Finalisée date: 6- NOV- 2016
Compte: MIDEXP

CERTIFICAT VO16174811

Ce rapport s'applique aux 93 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- OCT- 2016.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
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ROSEMÈRE QC J7A 2H1

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***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 6- NOV- 2016
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO16174811

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S436930		3.10	<0.005		<0.5	5.63	7	90	0.9	<2	1.83	<0.5	13	2	2	6.63
S436931		3.29	0.005		<0.5	5.33	5	270	1.3	<2	1.73	<0.5	11	4	6	6.37
S436932		2.95	<0.005		<0.5	5.38	10	170	1.0	<2	1.87	<0.5	13	2	5	6.75
S436933		3.15	0.073		<0.5	5.44	7	100	0.9	<2	2.10	<0.5	14	3	16	7.01
S436934		3.33	0.210		0.6	5.55	7	80	1.0	<2	2.06	<0.5	15	3	11	7.66
S436935		3.20	<0.005		<0.5	5.39	<5	60	1.1	<2	1.96	0.5	13	8	1	7.18
S436936		2.20	<0.005		<0.5	5.17	5	60	1.0	<2	1.80	<0.5	13	3	1	6.56
S436937		2.82	<0.005		<0.5	5.43	5	50	1.0	<2	1.93	<0.5	12	2	1	7.18
S436938		3.12	<0.005		<0.5	5.56	<5	50	1.0	<2	1.92	<0.5	12	3	1	7.30
S436939		1.35	<0.005		<0.5	5.45	7	40	0.8	<2	1.82	<0.5	13	3	2	7.45
S436940		0.11	3.98	4.43	0.8	7.05	33	610	0.8	2	2.47	1.2	19	61	148	5.19
S436941		2.82	0.248		<0.5	5.68	10	200	1.0	<2	1.90	0.5	17	4	15	7.56
S436942		3.25	0.211		<0.5	5.94	10	220	1.0	<2	2.13	<0.5	13	6	22	7.98
S436943		2.52	0.047		0.6	5.38	6	220	1.0	<2	1.79	<0.5	15	5	36	8.38
S436944		1.42	<0.005		<0.5	5.86	9	270	1.3	<2	3.37	0.5	9	3	3	6.26
S436945		0.79	0.030		<0.5	5.56	9	300	1.2	3	1.70	<0.5	16	5	38	7.50
S436946		2.56	<0.005		<0.5	5.55	11	60	0.8	2	1.76	<0.5	15	4	1	7.03
S436947		1.86	0.010		<0.5	5.42	25	170	1.0	<2	1.37	<0.5	17	5	11	7.74
S436948		1.80	<0.005		<0.5	5.49	14	110	0.9	<2	1.73	<0.5	17	4	1	7.02
S436949		1.63	<0.005		<0.5	6.10	9	280	1.3	<2	0.48	<0.5	10	4	8	7.18
S436950		2.07	<0.005		<0.5	5.56	12	160	0.9	<2	1.69	0.5	14	5	6	7.82
S437051		1.92	<0.005		<0.5	5.45	13	230	1.0	2	1.46	<0.5	15	4	11	7.80
S437052		3.18	0.038		<0.5	5.09	15	170	0.9	<2	1.60	<0.5	14	9	3	6.28
S437053		2.95	0.212		<0.5	5.92	17	120	1.0	<2	1.67	0.5	15	4	27	6.94
S437054		2.09	<0.005		<0.5	5.86	5	130	1.1	<2	1.33	<0.5	8	9	35	4.05
S437055		2.11	0.021		<0.5	6.04	17	130	1.1	<2	0.77	<0.5	6	17	6	2.73
S437056		3.00	<0.005		<0.5	6.28	7	70	1.0	<2	0.94	<0.5	4	16	5	2.19
S437057		3.27	<0.005		<0.5	6.25	8	110	1.3	<2	1.38	<0.5	5	9	4	2.74
S437065		1.92	0.006		<0.5	6.08	11	80	0.7	<2	1.03	<0.5	10	5	8	5.98
S437066		2.39	0.005		<0.5	5.47	17	80	0.7	<2	1.46	0.6	9	7	23	6.89
S437067		3.09	<0.005		<0.5	5.50	13	120	0.7	<2	1.67	0.6	12	4	23	8.44
S437068		1.73	<0.005		<0.5	5.97	27	120	0.7	<2	1.18	<0.5	11	3	19	8.11
S437069		2.09	<0.005		<0.5	5.09	6	140	0.8	<2	2.05	<0.5	14	5	49	8.34
S437070		0.82	0.036		<0.5	5.08	6	150	0.7	<2	1.75	0.5	25	7	162	9.87
S437071		1.13	<0.005		<0.5	5.89	7	270	1.0	<2	3.14	0.6	11	<1	4	10.10
S437072		0.75	0.379		<0.5	5.18	6	400	1.3	<2	2.16	0.5	17	3	102	9.16
S437073		1.62	0.054		<0.5	4.80	11	170	0.8	2	2.21	0.6	15	2	20	8.83
S437074		2.14	<0.005		<0.5	4.98	33	410	1.3	<2	1.21	<0.5	13	4	9	7.54
S437075		1.53	<0.005		<0.5	5.22	12	80	0.7	<2	2.24	0.7	16	3	5	8.75
S437076		1.39	0.227		<0.5	5.24	5	80	0.8	<2	2.48	0.6	14	3	43	8.04

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Finalisée date: 6- NOV- 2016
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO16174811

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S436930		20	0.18	30	0.26	1215	<1	3.00	2	300	<2	0.03	<5	12	176	<20
S436931		20	0.64	20	0.22	1200	<1	2.16	1	280	<2	0.07	<5	12	141	<20
S436932		20	0.35	20	0.13	1085	<1	2.71	4	300	2	0.04	<5	12	170	<20
S436933		20	0.19	10	0.13	1165	<1	2.79	1	320	3	0.22	<5	13	174	<20
S436934		20	0.15	10	0.11	1340	<1	2.75	2	360	2	0.22	<5	13	176	<20
S436935		20	0.09	10	0.13	1215	<1	2.65	2	310	<2	0.02	<5	13	182	<20
S436936		20	0.08	20	0.10	1195	<1	2.69	1	310	<2	0.01	<5	10	177	<20
S436937		20	0.08	<10	0.12	1200	<1	2.73	1	290	4	<0.01	<5	12	179	<20
S436938		20	0.07	<10	0.17	1100	<1	2.77	1	320	<2	<0.01	6	12	194	<20
S436939		20	0.07	<10	0.19	1110	<1	2.70	2	280	<2	0.02	<5	10	155	<20
S436940		20	1.12	10	1.52	881	7	2.20	43	770	49	0.14	8	16	279	<20
S436941		20	0.48	<10	0.21	1205	<1	2.48	4	320	2	0.18	<5	8	137	<20
S436942		20	0.73	<10	0.31	1375	<1	2.22	3	400	<2	0.22	<5	9	127	<20
S436943		20	0.75	<10	0.26	1410	<1	1.88	3	380	<2	0.40	<5	9	104	<20
S436944		20	1.05	<10	0.24	1560	<1	2.79	1	350	<2	0.04	<5	10	159	<20
S436945		20	0.87	<10	0.21	1260	<1	2.27	3	340	3	0.48	<5	12	126	<20
S436946		20	0.12	<10	0.17	999	<1	3.00	2	340	4	0.01	<5	13	130	<20
S436947		20	0.39	<10	0.18	1285	<1	2.87	3	340	<2	0.33	<5	13	116	<20
S436948		20	0.33	<10	0.14	1030	<1	3.09	3	290	5	0.01	<5	12	121	<20
S436949		20	0.87	<10	0.17	1240	<1	3.37	1	330	<2	0.01	<5	13	104	<20
S436950		20	0.39	<10	0.21	1310	<1	2.91	2	350	4	0.04	<5	16	129	<20
S437051		20	0.87	<10	0.35	1315	<1	1.97	3	320	3	0.16	5	15	102	<20
S437052		20	0.96	<10	0.37	1375	<1	2.03	3	190	<2	0.02	<5	14	90	<20
S437053		20	0.68	<10	0.40	1415	<1	2.81	2	350	<2	0.36	<5	15	112	<20
S437054		20	0.62	<10	0.22	970	<1	3.35	3	40	2	0.42	6	10	82	<20
S437055		20	0.69	<10	0.16	567	<1	3.64	1	10	<2	0.16	<5	7	73	<20
S437056		20	0.37	<10	0.14	577	<1	4.45	2	10	<2	0.03	<5	5	75	<20
S437057		20	0.65	10	0.23	921	<1	3.72	3	40	<2	0.04	<5	9	71	<20
S437065		20	0.42	<10	0.35	708	<1	2.99	1	290	2	0.15	<5	13	78	<20
S437066		20	0.38	<10	0.38	1210	<1	2.48	<1	290	2	0.31	<5	10	101	<20
S437067		20	0.52	<10	0.42	1310	1	1.95	<1	330	3	0.21	<5	10	108	<20
S437068		20	0.44	10	0.41	1145	<1	2.42	1	390	<2	0.19	<5	9	130	<20
S437069		20	0.48	10	0.38	1790	<1	1.96	3	370	<2	0.46	<5	11	124	<20
S437070		20	0.61	20	0.34	1485	<1	1.99	4	470	<2	1.13	<5	12	109	<20
S437071		30	1.04	10	0.50	2450	<1	2.03	2	460	<2	0.04	<5	15	147	<20
S437072		20	1.11	20	0.22	2000	<1	1.90	4	450	<2	0.93	5	16	125	<20
S437073		20	0.28	10	0.07	1945	<1	2.35	3	420	2	0.19	<5	13	131	<20
S437074		20	0.60	10	0.10	1640	<1	2.21	2	370	2	0.25	<5	11	93	<20
S437075		20	0.14	10	0.13	1915	<1	2.61	1	390	3	0.05	<5	10	125	<20
S437076		20	0.14	10	0.18	1550	<1	2.56	2	340	3	0.41	<5	15	133	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 6- NOV- 2016
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO16174811

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S436930		0.19	<10	<10	<1	<10	30
S436931		0.18	<10	<10	<1	<10	26
S436932		0.23	<10	<10	<1	<10	30
S436933		0.24	<10	<10	<1	<10	32
S436934		0.24	<10	<10	<1	<10	34
S436935		0.27	<10	<10	<1	<10	33
S436936		0.23	<10	<10	<1	<10	28
S436937		0.23	<10	<10	<1	<10	31
S436938		0.24	<10	<10	<1	<10	34
S436939		0.23	<10	<10	<1	<10	38
S436940		0.38	<10	<10	143	40	289
S436941		0.23	<10	<10	<1	<10	42
S436942		0.20	<10	<10	2	<10	49
S436943		0.15	<10	<10	<1	<10	43
S436944		0.09	<10	<10	<1	<10	22
S436945		0.19	<10	<10	<1	<10	30
S436946		0.25	<10	<10	<1	<10	36
S436947		0.16	<10	<10	<1	<10	27
S436948		0.16	<10	<10	<1	<10	30
S436949		0.12	<10	<10	<1	<10	18
S436950		0.18	<10	<10	<1	<10	34
S437051		0.15	<10	<10	<1	<10	38
S437052		0.09	<10	<10	1	<10	34
S437053		0.11	<10	<10	1	<10	47
S437054		0.17	<10	<10	<1	<10	23
S437055		0.08	<10	<10	1	<10	15
S437056		0.11	<10	<10	1	<10	17
S437057		0.19	<10	<10	1	<10	38
S437065		0.15	<10	<10	1	<10	66
S437066		0.11	<10	<10	1	<10	77
S437067		0.14	<10	<10	<1	<10	82
S437068		0.16	<10	<10	1	<10	77
S437069		0.19	<10	<10	1	<10	65
S437070		0.24	<10	<10	1	<10	53
S437071		0.20	<10	<10	2	<10	54
S437072		0.17	<10	<10	<1	<10	29
S437073		0.20	<10	<10	<1	<10	43
S437074		0.17	<10	<10	<1	10	32
S437075		0.22	<10	<10	<1	<10	50
S437076		0.20	<10	<10	<1	<10	47

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CERTIFICAT D'ANALYSE VO16174811

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S437077		2.54	<0.005		<0.5	5.41	9	50	0.7	3	2.16	0.7	15	3	21	8.25
S437078		1.58	0.008		<0.5	5.58	6	40	0.7	<2	2.01	0.7	12	1	16	8.74
S437079		2.00	0.040		<0.5	5.44	<5	140	1.0	2	2.20	0.8	15	6	54	8.65
S437080		0.78	<0.005		<0.5	7.54	<5	1370	1.1	3	2.28	<0.5	22	100	41	6.00
S437081		2.67	0.014		<0.5	5.72	10	150	0.9	<2	1.63	0.5	16	3	21	9.51
S437082		3.33	0.007		<0.5	5.73	11	170	1.0	2	1.74	0.5	15	2	20	9.13
S437083		3.31	<0.005		<0.5	5.89	8	110	1.0	<2	2.23	0.7	17	3	6	9.40
S437084		3.25	<0.005		<0.5	5.74	6	100	0.9	<2	1.94	0.6	14	2	7	8.98
S437085		2.86	<0.005		<0.5	5.32	16	400	1.8	<2	2.65	<0.5	20	5	17	5.70
S437086		4.01	<0.005		<0.5	5.95	5	680	2.9	<2	3.99	0.6	14	2	12	6.52
S437087		1.69	<0.005		<0.5	5.57	5	200	1.3	<2	2.03	0.7	12	2	5	8.47
S437088		1.68	0.005		<0.5	5.38	10	150	1.1	<2	2.13	0.5	24	2	11	10.05
S437089		2.57	<0.005		<0.5	5.65	6	240	1.5	2	2.21	0.8	16	2	4	8.55
S437090		1.16	<0.005		<0.5	5.63	11	130	1.0	2	1.70	1.0	21	4	17	9.31
S437091		1.96	<0.005		<0.5	5.32	8	120	1.1	<2	2.79	0.7	15	1	10	7.91
S437092		2.16	<0.005		<0.5	5.69	16	230	1.3	<2	1.77	0.7	26	4	72	7.44
S437093		2.13	<0.005		<0.5	5.55	15	140	1.1	<2	1.86	0.6	19	4	15	7.91
S437094		0.85	<0.005		<0.5	5.51	12	40	0.7	<2	1.91	0.8	17	3	<1	9.33
S437095		1.26	0.050		<0.5	4.99	15	20	1.0	3	3.34	0.7	20	1	26	8.66
S437096		0.85	2.09		<0.5	5.17	753	60	1.5	<2	1.66	0.5	18	1	142	8.26
S437097		1.16	4.23	4.21	<0.5	3.16	>10000	90	0.9	2	2.03	<0.5	7	12	42	4.45
S437098		1.49	0.568		<0.5	5.20	26	60	1.1	3	1.47	0.5	11	4	37	7.85
S437099		3.17	<0.005		<0.5	5.47	33	110	1.2	<2	1.80	<0.5	31	9	32	7.08
S437100		0.11	3.81	3.31	0.9	6.91	28	590	0.8	<2	2.40	1.0	17	59	143	5.06
S437101		2.46	<0.005		<0.5	5.63	12	80	1.0	<2	1.34	<0.5	18	6	33	7.36
S437102		2.77	<0.005		<0.5	5.54	<5	50	1.1	<2	1.82	<0.5	8	5	5	7.14
S437103		2.34	<0.005		<0.5	5.56	<5	60	1.3	<2	1.69	<0.5	7	4	3	7.12
S437104		3.01	<0.005		<0.5	5.66	<5	60	1.1	<2	1.87	<0.5	9	5	2	7.36
S437105		2.14	<0.005		<0.5	5.59	<5	40	1.1	<2	1.59	<0.5	11	5	3	7.43
S437106		2.19	0.005		<0.5	5.59	<5	60	0.8	<2	1.47	<0.5	9	5	3	7.18
S437107		1.48	<0.005		<0.5	5.65	<5	120	1.0	<2	1.39	<0.5	11	6	1	6.76
S437108		0.85	0.007		<0.5	5.53	<5	540	1.8	<2	4.27	<0.5	11	4	8	6.32
S437109		2.77	<0.005		<0.5	5.71	<5	130	0.9	<2	1.74	<0.5	9	6	<1	7.21
S437110		3.24	<0.005		<0.5	5.58	<5	70	0.8	<2	2.04	<0.5	11	4	1	7.31
S437111		2.31	<0.005		<0.5	5.87	<5	60	1.0	<2	1.81	<0.5	10	6	3	8.03
S437112		3.13	<0.005		<0.5	5.56	<5	50	1.0	<2	1.94	<0.5	11	5	4	7.73
S437113		3.17	<0.005		<0.5	5.56	<5	70	1.1	<2	2.31	<0.5	10	5	5	7.92
S437114		2.13	0.005		<0.5	5.40	<5	60	1.1	<2	2.38	<0.5	11	5	7	8.15
S437115		2.31	0.005		<0.5	5.47	<5	70	1.0	2	2.33	<0.5	10	5	7	8.03
S437116		1.53	0.011		<0.5	5.62	<5	70	0.9	<2	2.22	<0.5	15	5	37	9.26

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Finalisée date: 6- NOV- 2016
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO16174811

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S437077		20	0.10	10	0.19	1305	<1	2.45	1	400	4	0.21	<5	14	117	<20
S437078		20	0.08	10	0.25	842	<1	2.30	1	400	21	0.40	<5	13	109	<20
S437079		20	0.29	10	0.29	1635	<1	2.24	1	430	6	0.49	<5	13	125	<20
S437080		20	2.11	40	1.89	674	1	1.99	53	780	12	0.10	<5	22	439	<20
S437081		20	0.30	10	0.35	1485	<1	2.09	2	470	<2	0.30	<5	14	104	<20
S437082		20	0.33	10	0.40	1810	<1	2.23	3	470	<2	0.21	5	16	136	<20
S437083		20	0.22	10	0.40	2110	<1	2.53	1	490	<2	0.24	<5	18	136	<20
S437084		20	0.17	10	0.42	2200	<1	2.55	1	470	3	0.18	<5	16	144	<20
S437085		20	0.65	10	0.35	1745	<1	2.26	4	410	2	0.10	<5	17	135	<20
S437086		30	1.32	20	0.39	1890	<1	1.61	2	470	2	0.23	<5	16	139	<20
S437087		20	0.35	<10	0.58	2130	<1	2.21	1	510	3	0.05	<5	15	127	<20
S437088		20	0.26	<10	0.60	2240	<1	1.90	1	510	<2	0.54	<5	15	122	<20
S437089		20	0.41	10	0.58	2120	<1	2.21	1	630	<2	0.14	<5	16	128	<20
S437090		20	0.22	<10	0.57	1800	1	2.21	10	610	11	0.17	<5	16	123	<20
S437091		20	0.20	<10	0.48	1860	<1	2.37	2	660	15	0.14	5	22	144	<20
S437092		20	0.41	10	0.43	1360	<1	2.62	2	780	8	0.70	<5	28	116	<20
S437093		20	0.24	10	0.46	1610	<1	2.51	1	780	4	0.16	<5	26	114	<20
S437094		20	0.07	10	0.49	1945	<1	2.35	1	610	4	0.03	<5	17	110	<20
S437095		20	0.04	<10	0.24	1420	<1	2.13	1	560	4	0.97	<5	13	75	<20
S437096		10	0.14	10	0.28	1260	<1	2.96	1	440	5	1.39	<5	14	72	<20
S437097		10	0.21	<10	0.11	736	1	1.96	<1	160	21	1.43	7	7	79	<20
S437098		20	0.15	<10	0.28	1260	<1	2.45	3	290	<2	0.36	<5	13	136	<20
S437099		20	0.27	10	0.29	1800	<1	2.83	1	330	6	0.40	<5	12	104	<20
S437100		20	1.08	10	1.48	828	7	2.16	41	730	49	0.14	7	16	269	<20
S437101		20	0.18	10	0.29	1450	<1	2.86	<1	320	4	0.44	<5	12	141	<20
S437102		20	0.11	10	0.23	1215	<1	2.68	<1	300	4	0.07	<5	12	173	<20
S437103		20	0.12	10	0.20	1205	<1	2.71	1	290	8	0.02	<5	12	180	<20
S437104		20	0.10	10	0.25	1330	<1	2.72	<1	300	<2	0.03	<5	11	175	<20
S437105		20	0.07	10	0.27	1170	<1	2.68	1	290	4	0.04	<5	13	175	<20
S437106		20	0.10	10	0.31	1080	<1	2.68	<1	320	6	0.08	<5	13	170	<20
S437107		20	0.23	20	0.41	1035	<1	2.66	1	340	6	0.06	<5	15	132	<20
S437108		30	1.04	10	0.40	2100	<1	1.66	1	350	11	0.21	<5	11	199	<20
S437109		20	0.25	10	0.45	1175	<1	2.52	1	390	4	0.04	<5	12	143	<20
S437110		20	0.13	10	0.34	1365	<1	2.61	<1	370	2	0.02	<5	14	189	<20
S437111		20	0.12	10	0.34	1285	<1	2.70	1	380	<2	0.03	<5	16	180	<20
S437112		20	0.10	10	0.29	1390	<1	2.56	1	330	3	0.06	<5	15	182	<20
S437113		20	0.13	10	0.22	1590	<1	2.54	2	370	4	0.06	<5	16	197	<20
S437114		20	0.12	10	0.17	1655	<1	2.43	3	400	3	0.08	<5	17	192	<20
S437115		20	0.13	10	0.16	1610	<1	2.52	2	410	3	0.09	<5	14	188	<20
S437116		20	0.14	10	0.19	1540	<1	2.40	1	490	5	0.37	<5	14	161	<20

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CERTIFICAT D'ANALYSE VO16174811

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S437077		0.19	<10	<10	<1	<10	62
S437078		0.17	<10	<10	<1	<10	59
S437079		0.22	<10	<10	<1	<10	56
S437080		0.60	<10	<10	169	<10	108
S437081		0.22	<10	<10	<1	<10	68
S437082		0.27	<10	<10	<1	<10	65
S437083		0.30	<10	<10	1	<10	61
S437084		0.28	<10	<10	1	<10	56
S437085		0.26	<10	<10	2	<10	32
S437086		0.24	<10	<10	1	<10	37
S437087		0.26	<10	<10	<1	<10	51
S437088		0.24	<10	<10	<1	<10	57
S437089		0.27	<10	<10	<1	<10	48
S437090		0.25	<10	<10	<1	<10	63
S437091		0.25	<10	<10	<1	<10	47
S437092		0.26	<10	<10	<1	<10	57
S437093		0.29	<10	<10	<1	<10	50
S437094		0.27	<10	<10	<1	<10	58
S437095		0.22	<10	<10	<1	<10	47
S437096		0.24	<10	<10	10	<10	33
S437097		0.11	<10	<10	10	<10	9
S437098		0.22	<10	<10	<1	<10	45
S437099		0.22	<10	<10	<1	<10	39
S437100		0.36	<10	<10	137	40	282
S437101		0.23	<10	<10	<1	<10	40
S437102		0.24	<10	<10	<1	<10	42
S437103		0.23	<10	<10	<1	<10	41
S437104		0.25	<10	<10	<1	<10	43
S437105		0.23	<10	<10	<1	<10	44
S437106		0.23	<10	<10	<1	<10	44
S437107		0.26	<10	<10	<1	<10	39
S437108		0.24	<10	<10	<1	<10	35
S437109		0.24	<10	<10	<1	<10	43
S437110		0.29	<10	<10	<1	<10	43
S437111		0.28	<10	<10	<1	<10	47
S437112		0.27	<10	<10	<1	<10	44
S437113		0.29	<10	<10	<1	<10	43
S437114		0.30	<10	<10	<1	<10	43
S437115		0.26	<10	<10	<1	<10	43
S437116		0.26	<10	<10	<1	<10	48

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 6- NOV- 2016
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO16174811

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S437117		0.84	0.040		<0.5	4.62	<5	80	0.9	<2	2.53	<0.5	10	8	20	6.13
S437118		2.26	0.430		<0.5	5.02	<5	70	0.8	<2	2.13	<0.5	15	7	60	8.34
S437119		1.53	<0.005		<0.5	5.51	<5	80	1.0	<2	2.07	<0.5	11	6	13	8.51
S437120		0.80	<0.005		<0.5	7.81	<5	1070	1.1	3	2.57	<0.5	20	95	27	5.48
S437121		2.94	<0.005		<0.5	5.33	<5	100	1.0	<2	2.14	<0.5	12	5	8	8.51
S437122		2.28	0.025		<0.5	5.35	<5	120	1.0	<2	2.33	<0.5	10	4	14	7.77
S437123		3.09	0.059		<0.5	5.35	<5	130	1.0	<2	2.18	<0.5	13	5	12	8.61
S437124		3.22	<0.005		<0.5	5.25	<5	190	1.0	<2	2.20	<0.5	13	6	15	8.07
S437125		3.11	<0.005		<0.5	5.12	<5	130	1.1	<2	2.00	<0.5	15	5	6	8.81
S437126		3.26	<0.005		<0.5	5.13	5	150	1.0	<2	1.86	<0.5	14	5	6	8.97
S437127		1.75	0.012		<0.5	5.24	8	150	1.0	<2	1.98	<0.5	17	6	10	9.20
S437128		1.78	<0.005		<0.5	5.12	6	290	1.0	<2	1.97	<0.5	20	5	16	9.46
S437129		2.64	<0.005		<0.5	5.18	<5	230	0.9	<2	2.04	<0.5	19	5	16	9.25

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CERTIFICAT D'ANALYSE VO16174811

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S437117		20	0.17	10	0.18	1430	<1	2.26	4	360	3	0.27	<5	13	165	<20
S437118		20	0.14	10	0.14	1550	<1	2.27	1	450	2	0.50	<5	14	161	<20
S437119		20	0.15	10	0.14	1610	<1	2.52	1	510	3	0.21	<5	16	156	<20
S437120		20	1.83	30	1.92	605	<1	2.32	49	1030	15	0.06	<5	17	537	<20
S437121		20	0.17	10	0.12	1730	<1	2.42	1	510	2	0.10	<5	13	162	<20
S437122		20	0.19	10	0.14	1775	<1	2.42	<1	480	2	0.18	<5	13	169	<20
S437123		20	0.21	<10	0.06	1690	<1	2.71	1	470	<2	0.16	<5	14	167	<20
S437124		20	0.28	10	0.04	1670	<1	2.73	<1	460	<2	0.18	<5	14	163	<20
S437125		20	0.19	<10	0.04	1805	<1	2.63	1	450	<2	0.10	<5	12	143	<20
S437126		20	0.21	10	0.03	1900	<1	2.53	<1	530	2	0.09	<5	11	136	<20
S437127		20	0.22	10	0.04	2100	<1	2.53	<1	460	3	0.14	5	13	133	<20
S437128		20	0.44	10	0.04	1915	<1	2.24	<1	520	<2	0.20	<5	10	127	<20
S437129		20	0.35	10	0.06	1920	<1	2.25	<1	540	2	0.19	<5	12	132	<20

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CERTIFICAT D'ANALYSE VO16174811

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S437117		0.24	10	<10	<1	<10	33
S437118		0.25	<10	<10	<1	<10	41
S437119		0.32	<10	<10	<1	<10	42
S437120		0.50	<10	<10	138	<10	106
S437121		0.25	<10	<10	<1	<10	43
S437122		0.28	<10	<10	<1	<10	42
S437123		0.28	<10	<10	<1	<10	39
S437124		0.30	<10	<10	<1	<10	38
S437125		0.25	<10	<10	<1	<10	43
S437126		0.29	<10	<10	<1	<10	42
S437127		0.26	<10	<10	<1	<10	45
S437128		0.27	<10	<10	<1	<10	45
S437129		0.29	<10	<10	<1	<10	48

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Finalisée date: 6- NOV- 2016
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CERTIFICAT D'ANALYSE VO16174811

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
LOG- 24	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 7- NOV- 2016
Compte: MIDEXP

CERTIFICAT VO16174843

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 114 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- OCT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 7- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174843

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S437130		1.41	0.703		<0.5	5.44	7	130	0.9	<2	1.94	<0.5	26	9	71	9.35
S437131		3.24	0.145		<0.5	5.43	9	230	0.9	<2	2.71	<0.5	18	8	32	9.61
S437132		2.45	2.14		<0.5	5.37	6	150	1.0	2	2.85	<0.5	25	6	82	11.80
S437133		1.12	<0.005		<0.5	5.35	10	150	0.9	<2	2.71	<0.5	18	6	14	10.35
S437134		2.04	<0.005		<0.5	5.55	10	140	0.9	<2	2.76	<0.5	20	6	25	11.75
S437135		3.19	0.045		<0.5	5.60	13	200	0.9	<2	2.67	<0.5	22	9	22	11.15
S437136		1.07	0.623		<0.5	5.68	<5	340	0.8	<2	3.22	<0.5	17	5	106	10.20
S437137		1.91	<0.005		<0.5	6.01	8	200	1.0	<2	3.53	<0.5	22	6	72	10.05
S437138		0.84	<0.005		<0.5	5.87	<5	160	0.7	<2	3.43	<0.5	24	3	112	10.55
S437139		2.90	<0.005		<0.5	5.63	6	180	0.9	<2	3.54	0.5	17	5	33	9.33
S437140		0.11	4.01	NSS	0.8	7.24	35	620	0.8	<2	2.59	1.1	17	66	151	5.45
S437141		3.36	<0.005		<0.5	5.52	<5	140	0.9	<2	3.08	<0.5	16	6	43	9.67
S437142		0.97	<0.005		<0.5	5.59	5	110	0.8	2	2.93	<0.5	21	4	33	10.25
S437143		2.14	0.013		<0.5	5.41	<5	80	0.7	<2	3.59	<0.5	21	11	83	9.84
S437144		2.34	<0.005		<0.5	5.89	<5	70	0.6	<2	2.76	<0.5	21	5	61	9.84
S437145		3.36	<0.005		<0.5	5.49	11	50	0.9	<2	5.70	<0.5	21	3	16	8.97
S437146		2.25	<0.005		<0.5	5.62	6	70	0.8	<2	3.95	<0.5	17	3	29	9.33
S437147		2.24	<0.005		<0.5	5.95	<5	40	0.7	<2	3.53	<0.5	12	3	9	7.23
S437148		3.28	0.007		<0.5	5.95	<5	50	0.8	<2	3.72	<0.5	14	4	21	6.59
S437149		2.13	<0.005		<0.5	6.18	<5	120	1.5	<2	4.06	<0.5	9	9	11	6.06
S437150		0.80	<0.005		<0.5	4.96	<5	30	2.1	<2	6.51	<0.5	9	4	5	6.00
S437151		3.24	<0.005		<0.5	6.48	<5	30	1.0	<2	2.53	<0.5	11	5	6	6.73
S437152		2.34	<0.005		<0.5	6.18	<5	30	1.4	<2	3.46	<0.5	10	5	4	6.58
S437153		3.21	<0.005		<0.5	6.13	<5	30	1.2	<2	3.94	<0.5	11	5	5	6.88
S437154		1.94	<0.005		<0.5	6.23	<5	50	1.1	<2	3.45	<0.5	16	5	11	9.11
S437155		2.00	<0.005		<0.5	6.15	<5	50	1.1	<2	2.79	<0.5	17	2	20	9.33
S437156		1.77	<0.005		<0.5	6.08	9	40	1.1	<2	3.02	<0.5	29	4	94	9.12
S437157		2.07	0.006		<0.5	4.20	5	40	0.9	<2	3.84	<0.5	11	17	10	5.02
S437158		2.19	<0.005		<0.5	6.75	6	40	1.0	<2	2.94	<0.5	19	4	17	9.59
S437159		1.90	<0.005		<0.5	6.31	8	90	1.9	<2	3.46	<0.5	10	7	5	4.74
S437160		0.70	<0.005		<0.5	7.58	<5	1030	1.2	<2	2.48	<0.5	19	98	20	5.21
S437161		3.04	<0.005		<0.5	5.79	5	150	0.8	<2	2.46	<0.5	23	6	55	8.96
S437162		0.81	<0.005		<0.5	5.58	7	140	0.9	<2	3.15	<0.5	28	8	81	7.39
S437163		3.33	<0.005		<0.5	5.74	5	130	0.8	<2	3.81	<0.5	15	6	16	10.05
S437164		3.24	<0.005		<0.5	5.85	<5	140	0.8	<2	4.57	0.5	18	8	17	10.30
S437165		2.41	<0.005		<0.5	5.91	11	130	0.9	2	4.75	0.5	22	5	17	11.15
S437166		2.24	<0.005		<0.5	5.67	<5	170	0.8	<2	4.34	0.5	18	4	26	10.65
S437167		3.37	<0.005		<0.5	5.79	<5	70	0.7	<2	4.01	0.5	19	3	12	10.65
S437168		3.35	<0.005		<0.5	5.80	18	30	0.7	<2	3.64	<0.5	25	3	3	10.80
S437169		1.78	<0.005		<0.5	5.68	8	20	0.6	<2	3.73	<0.5	20	1	3	11.85

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Finalisée date: 7- NOV- 2016
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174843

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S437130		20	0.19	10	0.07	1720	<1	2.90	1	470	<2	0.72	6	13	127	<20
S437131		20	0.34	10	0.11	2050	<1	2.30	1	650	2	0.35	<5	20	144	<20
S437132		20	0.24	10	0.18	2260	<1	1.98	<1	850	3	0.72	<5	25	141	<20
S437133		20	0.22	10	0.09	2410	<1	1.99	1	840	3	0.11	<5	29	152	<20
S437134		20	0.21	10	0.10	2400	<1	2.10	1	910	4	0.20	<5	24	152	<20
S437135		20	0.33	10	0.10	2160	<1	2.22	2	920	3	0.19	9	23	152	<20
S437136		20	0.67	10	0.17	1880	<1	1.83	2	840	4	0.90	<5	25	143	<20
S437137		20	0.47	10	0.36	2040	<1	2.25	2	950	<2	0.53	<5	27	133	<20
S437138		20	0.38	10	0.34	1940	1	2.22	2	910	2	0.80	<5	25	136	<20
S437139		20	0.40	10	0.28	1825	<1	2.17	1	960	<2	0.20	<5	30	130	<20
S437140		20	1.14	10	1.60	905	8	2.31	45	780	49	0.15	9	17	281	<20
S437141		20	0.34	10	0.30	1785	<1	2.29	2	1030	3	0.21	<5	26	126	<20
S437142		20	0.28	10	0.33	1870	<1	2.25	2	1040	3	0.22	<5	25	127	<20
S437143		20	0.23	10	0.39	1875	<1	2.14	3	1020	3	0.49	5	21	118	<20
S437144		20	0.18	10	0.51	1820	<1	2.44	3	1210	<2	0.31	<5	27	108	<20
S437145		20	0.17	10	0.56	2120	<1	2.27	2	1140	5	0.07	<5	34	140	<20
S437146		20	0.32	10	0.72	2220	<1	2.20	2	1550	2	0.21	<5	33	97	<20
S437147		20	0.17	10	0.78	1925	<1	2.85	1	1410	<2	0.10	6	42	101	<20
S437148		20	0.16	10	0.81	1925	<1	2.88	3	900	9	0.16	<5	52	90	<20
S437149		20	0.43	10	0.71	1635	<1	2.50	3	630	42	0.05	6	54	120	<20
S437150		20	0.11	10	0.80	2110	<1	2.52	2	1410	5	0.04	<5	40	123	<20
S437151		20	0.12	10	1.07	1750	<1	3.31	1	870	14	0.03	<5	66	76	<20
S437152		20	0.14	10	1.20	1755	<1	2.95	1	980	26	0.03	<5	58	101	<20
S437153		20	0.16	10	1.09	1820	<1	3.00	1	1800	26	0.11	<5	45	88	<20
S437154		20	0.26	10	1.31	2130	<1	2.54	2	1890	8	0.16	5	49	91	<20
S437155		20	0.26	10	1.24	2090	<1	2.44	2	1880	3	0.36	7	49	82	<20
S437156		20	0.20	10	1.05	1975	<1	2.79	1	1860	20	1.28	<5	46	68	<20
S437157		20	0.16	10	0.59	1275	<1	1.12	2	760	7	0.06	<5	24	94	<20
S437158		30	0.16	10	1.23	2250	<1	2.49	4	2010	12	0.10	<5	53	75	<20
S437159		20	0.36	20	0.55	1220	<1	2.60	2	320	64	0.01	5	19	99	<20
S437160		20	1.94	40	1.75	496	<1	2.32	50	1120	19	0.05	<5	16	463	<20
S437161		20	0.22	10	0.66	1970	<1	2.63	1	1140	2	0.43	<5	34	99	<20
S437162		20	0.27	10	0.35	1455	<1	2.92	3	780	4	0.73	<5	26	125	<20
S437163		20	0.41	10	0.52	1985	<1	2.00	3	1640	2	0.15	5	39	186	<20
S437164		20	0.36	10	0.51	1850	<1	1.82	2	1740	<2	0.17	6	39	231	<20
S437165		20	0.34	10	0.44	2080	<1	1.69	3	1760	5	0.18	<5	38	277	<20
S437166		20	0.33	10	0.48	2130	<1	1.51	3	1690	5	0.27	<5	35	257	<20
S437167		20	0.12	10	0.77	1965	<1	1.48	5	1800	2	0.12	<5	35	165	<20
S437168		20	0.07	140	1.07	1945	<1	1.79	6	1650	7	0.03	<5	31	81	<20
S437169		20	0.05	10	1.05	2100	<1	1.21	3	1620	<2	0.01	6	33	105	<20

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Finalisée date: 7- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174843

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S437130		0.22	<10	<10	<1	<10	41
S437131		0.35	<10	<10	<1	<10	52
S437132		0.38	<10	<10	<1	<10	64
S437133		0.46	<10	<10	<1	<10	58
S437134		0.41	<10	<10	<1	<10	58
S437135		0.41	<10	<10	<1	<10	54
S437136		0.41	<10	<10	<1	<10	53
S437137		0.45	<10	<10	1	<10	64
S437138		0.45	<10	<10	<1	<10	59
S437139		0.51	<10	<10	<1	<10	50
S437140		0.40	<10	<10	145	40	306
S437141		0.47	<10	<10	<1	<10	48
S437142		0.44	<10	<10	<1	<10	55
S437143		0.43	<10	<10	1	<10	59
S437144		0.52	<10	<10	1	<10	67
S437145		0.54	<10	<10	1	<10	66
S437146		0.57	<10	<10	1	<10	74
S437147		0.62	<10	<10	1	<10	74
S437148		0.64	<10	<10	1	<10	99
S437149		0.68	<10	<10	1	<10	70
S437150		0.56	<10	<10	1	<10	82
S437151		0.75	<10	<10	1	<10	116
S437152		0.73	<10	<10	1	<10	99
S437153		0.83	<10	<10	2	<10	69
S437154		0.84	<10	<10	1	<10	80
S437155		0.83	<10	<10	1	<10	85
S437156		0.81	<10	<10	2	<10	80
S437157		0.38	<10	<10	5	<10	58
S437158		0.86	<10	<10	2	<10	154
S437159		0.38	<10	<10	1	<10	103
S437160		0.59	<10	<10	150	<10	104
S437161		0.54	<10	<10	2	<10	92
S437162		0.41	<10	<10	2	<10	40
S437163		0.67	<10	<10	1	<10	50
S437164		0.70	<10	<10	2	<10	50
S437165		0.69	<10	<10	1	<10	51
S437166		0.67	<10	<10	1	<10	50
S437167		0.70	<10	<10	4	<10	53
S437168		0.66	<10	<10	3	<10	57
S437169		0.64	<10	<10	2	<10	62

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CERTIFICAT D'ANALYSE VO16174843

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S437170		2.01	<0.005		<0.5	5.78	7	30	0.7	<2	4.99	0.5	19	3	2	12.40
S437171		1.36	<0.005		<0.5	5.54	<5	100	1.0	<2	4.41	0.5	19	3	69	11.60
S437172		2.72	<0.005		<0.5	5.80	14	100	0.9	<2	4.62	<0.5	23	3	18	12.45
S437173		3.38	<0.005		<0.5	5.62	13	150	0.6	<2	3.50	<0.5	21	3	2	11.75
S437174		3.44	<0.005		<0.5	7.28	9	60	1.0	3	3.82	0.5	19	31	6	10.15
S437175		2.32	<0.005		<0.5	6.15	14	40	0.9	<2	4.01	<0.5	35	11	106	9.48
S437176		2.05	<0.005		<0.5	6.77	7	20	1.0	<2	2.62	<0.5	31	31	145	10.25
S437177		0.11	4.12	3.60	0.9	7.00	32	600	0.8	<2	2.47	1.0	16	61	148	5.27
S437178		2.56	<0.005		<0.5	8.16	7	190	2.2	<2	0.52	<0.5	17	78	161	6.26
S437179		1.01	<0.005		<0.5	7.51	8	20	1.5	<2	0.54	<0.5	35	69	339	6.89
S437180		0.68	<0.005		<0.5	7.85	<5	980	1.4	<2	2.66	<0.5	20	103	25	5.83
S437181		1.46	<0.005		<0.5	8.32	<5	130	2.1	<2	0.51	<0.5	29	82	122	6.63
S437182		1.35	<0.005		<0.5	8.25	<5	140	2.1	<2	0.48	<0.5	12	73	68	6.22
S437183		1.52	<0.005		<0.5	7.83	<5	20	1.9	<2	0.59	<0.5	18	83	216	9.61
S437184		1.08	<0.005		<0.5	7.10	6	20	1.3	<2	1.13	<0.5	23	52	128	6.45
S437185		1.01	<0.005		<0.5	5.62	5	20	1.0	<2	4.20	<0.5	10	16	28	4.02
S437186		2.68	<0.005		<0.5	6.48	10	70	1.0	<2	3.42	<0.5	34	45	115	12.30
S437187		2.70	<0.005		<0.5	5.26	6	80	0.7	<2	4.79	<0.5	23	10	55	10.40
S437188		3.45	<0.005		<0.5	5.83	12	90	0.6	2	5.42	0.6	25	4	32	13.90
S437189		3.54	<0.005		<0.5	5.41	25	230	0.6	2	4.04	<0.5	34	2	54	17.45
S437190		1.02	0.082		<0.5	4.22	178	160	0.5	4	12.30	0.6	26	1	45	13.30
S437191		1.25	0.009		<0.5	6.45	146	170	0.7	<2	4.79	<0.5	34	3	42	15.10
S437192		2.35	0.023		<0.5	6.31	24	100	0.6	<2	5.92	<0.5	29	9	59	13.75
S437193		3.70	<0.005		<0.5	6.49	18	80	0.5	<2	5.51	<0.5	34	4	27	14.75
S437194		3.46	<0.005		<0.5	6.24	7	100	0.5	5	5.53	<0.5	35	3	49	15.40
S437195		3.45	<0.005		<0.5	6.16	<5	110	0.5	<2	5.68	0.5	35	4	32	15.55
S437196		3.36	<0.005		<0.5	6.31	5	130	0.5	<2	5.41	<0.5	37	4	44	15.30
S437197		2.40	<0.005		<0.5	6.28	<5	130	0.5	<2	5.40	<0.5	40	7	71	15.60
S437198		2.20	<0.005		<0.5	6.01	<5	140	<0.5	<2	5.29	0.5	40	3	48	15.85
S437199		2.28	<0.005		<0.5	6.20	<5	120	<0.5	<2	5.64	<0.5	41	4	57	15.75
S437200		0.11	3.98	3.78	0.7	6.93	30	590	0.8	<2	2.47	0.8	16	63	146	5.22
S437201		2.22	<0.005		<0.5	6.11	<5	90	<0.5	3	4.85	0.5	40	2	36	15.50
S437202		1.51	<0.005		<0.5	5.92	<5	60	0.5	<2	4.10	<0.5	17	7	31	7.80
S437203		2.73	<0.005		<0.5	5.91	<5	130	<0.5	2	4.95	<0.5	42	3	49	16.15
S437204		3.45	<0.005		<0.5	5.93	<5	130	<0.5	3	5.48	<0.5	45	4	63	15.70
S437205		3.57	<0.005		<0.5	6.16	<5	140	<0.5	2	5.16	0.5	46	3	47	16.50
S437206		3.47	<0.005		<0.5	6.31	6	130	<0.5	4	5.15	0.5	45	2	42	16.40
S437207		3.49	0.012		<0.5	6.10	15	110	<0.5	<2	5.03	<0.5	50	3	92	15.55
S437208		3.39	<0.005		<0.5	6.31	18	110	<0.5	2	4.57	0.6	51	2	62	16.85
S437209		2.70	0.005		<0.5	6.48	19	100	<0.5	2	4.49	<0.5	51	7	83	16.95

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CERTIFICAT D'ANALYSE VO16174843

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S437170		20	0.07	10	0.92	2520	<1	1.44	3	1750	<2	0.01	<5	34	107	<20
S437171		20	0.21	10	0.49	2190	<1	1.90	3	1620	3	0.56	5	32	152	<20
S437172		20	0.11	10	0.65	2590	<1	1.66	2	1710	<2	0.14	6	35	129	<20
S437173		20	0.12	10	0.63	2330	<1	1.30	1	1650	3	0.02	<5	32	157	<20
S437174		20	0.10	10	0.90	2020	<1	2.84	13	1570	3	0.03	6	24	151	<20
S437175		20	0.08	10	0.67	1770	1	2.35	8	1790	3	0.57	<5	27	133	<20
S437176		20	0.06	10	1.04	1700	<1	2.75	15	1660	21	0.94	7	28	114	<20
S437177		20	1.11	10	1.53	854	8	2.23	43	750	48	0.15	11	16	271	<20
S437178		20	0.73	30	1.16	804	1	4.36	38	340	6	1.40	<5	11	44	<20
S437179		20	0.08	20	1.02	816	1	4.75	40	320	8	1.58	<5	12	36	<20
S437180		20	1.81	40	2.00	633	2	2.22	54	990	14	0.07	<5	19	479	<20
S437181		20	0.50	30	1.13	880	2	4.78	40	420	6	1.47	<5	11	44	<20
S437182		20	0.52	40	1.12	1200	1	4.52	33	330	3	0.73	<5	11	43	<20
S437183		20	0.07	30	1.30	1440	2	4.31	42	690	2	1.78	<5	11	46	<20
S437184		20	0.04	10	1.00	1065	<1	3.98	21	330	6	0.53	<5	15	56	<20
S437185		20	0.05	10	0.35	912	<1	3.42	3	540	4	0.14	<5	16	74	<20
S437186		20	0.18	10	0.98	2090	<1	2.19	13	1500	3	0.49	6	27	120	<20
S437187		20	0.18	10	0.74	2040	<1	1.40	7	1980	4	0.23	5	37	107	<20
S437188		20	0.27	10	0.73	2400	<1	1.04	4	3050	5	0.16	6	47	183	<20
S437189		20	0.67	10	0.91	3290	<1	0.96	6	3120	<2	0.24	<5	47	142	<20
S437190		10	0.50	10	0.73	2970	<1	1.24	3	2420	7	0.19	5	38	146	<20
S437191		20	0.57	10	0.82	2770	<1	2.09	4	3100	<2	0.22	6	43	146	<20
S437192		20	0.46	10	0.74	2380	<1	1.66	3	2900	3	0.23	<5	41	176	<20
S437193		20	0.37	10	0.84	2380	<1	1.20	2	3130	3	0.13	<5	44	180	<20
S437194		20	0.47	10	0.89	2470	<1	1.06	3	2990	5	0.19	5	37	169	<20
S437195		20	0.54	10	0.98	2550	<1	1.01	4	3200	4	0.09	5	36	160	<20
S437196		20	0.65	10	0.95	2510	<1	1.32	4	3170	7	0.17	5	32	168	<20
S437197		20	0.68	10	0.96	2380	<1	1.28	3	3120	4	0.26	<5	38	171	<20
S437198		20	0.74	10	1.03	2520	<1	1.08	4	3290	<2	0.18	6	43	155	<20
S437199		20	0.65	10	0.99	2440	<1	1.26	1	3420	5	0.21	<5	40	158	<20
S437200		20	1.09	10	1.53	856	7	2.21	44	760	47	0.15	8	16	270	<20
S437201		20	0.50	10	0.99	2260	<1	1.33	2	3060	4	0.14	<5	37	143	<20
S437202		20	0.30	10	0.38	967	<1	2.71	1	950	2	0.11	6	17	131	<20
S437203		20	0.70	10	1.05	2290	<1	1.23	3	3490	3	0.20	5	35	142	<20
S437204		20	0.72	10	1.08	2340	1	1.22	3	3480	<2	0.23	<5	36	150	<20
S437205		20	0.78	10	1.14	2550	<1	1.28	2	3880	3	0.17	<5	30	150	<20
S437206		20	0.73	10	1.22	2530	<1	1.43	2	4120	2	0.14	<5	31	142	<20
S437207		20	0.64	10	1.24	2340	<1	1.59	1	3600	5	0.29	5	30	126	<20
S437208		20	0.64	10	1.35	2610	<1	1.69	2	4390	4	0.21	<5	21	126	<20
S437209		20	0.58	10	1.31	2600	<1	1.75	1	4410	<2	0.28	6	18	134	<20

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S437170		0.69	<10	<10	3	<10	82
S437171		0.66	<10	<10	2	<10	63
S437172		0.69	<10	<10	2	<10	81
S437173		0.66	<10	<10	2	<10	59
S437174		0.64	<10	<10	26	<10	64
S437175		0.65	<10	<10	12	<10	45
S437176		0.64	<10	<10	35	<10	49
S437177		0.37	<10	<10	139	40	290
S437178		0.30	<10	<10	91	<10	34
S437179		0.30	<10	<10	62	<10	27
S437180		0.58	<10	<10	151	<10	111
S437181		0.31	<10	<10	107	<10	36
S437182		0.30	<10	<10	74	<10	51
S437183		0.28	<10	<10	105	<10	64
S437184		0.40	<10	<10	59	<10	40
S437185		0.33	<10	<10	19	<10	22
S437186		0.67	<10	<10	37	<10	60
S437187		0.59	<10	<10	8	<10	55
S437188		1.07	<10	<10	4	<10	70
S437189		1.04	<10	<10	5	<10	84
S437190		0.78	<10	<10	4	<10	74
S437191		1.03	<10	<10	4	<10	98
S437192		0.98	<10	<10	5	<10	71
S437193		1.07	<10	<10	5	<10	75
S437194		0.98	<10	<10	5	<10	74
S437195		1.03	<10	<10	4	<10	76
S437196		1.03	<10	<10	7	<10	71
S437197		1.06	<10	<10	10	<10	72
S437198		1.13	<10	<10	5	<10	74
S437199		1.12	<10	<10	3	<10	72
S437200		0.38	<10	<10	136	40	295
S437201		1.16	<10	<10	4	<10	70
S437202		0.45	<10	<10	10	<10	29
S437203		1.09	<10	<10	4	<10	66
S437204		1.08	<10	<10	4	<10	63
S437205		1.13	<10	<10	5	<10	66
S437206		1.22	<10	<10	3	<10	67
S437207		1.16	<10	<10	4	<10	70
S437208		1.17	<10	<10	3	<10	73
S437209		1.13	<10	<10	3	<10	76

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CERTIFICAT D'ANALYSE VO16174843

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S437210		0.97	0.005		<0.5	6.45	29	100	<0.5	4	4.16	0.5	58	2	56	16.85
S437211		2.14	0.005		<0.5	6.45	25	90	<0.5	<2	4.68	<0.5	53	3	46	16.10
S437212		3.34	<0.005		<0.5	6.49	33	60	<0.5	<2	4.23	<0.5	53	2	42	16.40
S437213		0.95	0.443		<0.5	6.00	80	60	<0.5	<2	6.63	<0.5	35	2	28	12.50
S437214		2.73	<0.005		<0.5	7.24	41	70	0.5	<2	4.25	0.6	53	2	48	15.20
S437215		3.50	<0.005		<0.5	6.78	30	100	<0.5	<2	4.37	0.6	56	2	49	16.75
S437216		3.47	<0.005		<0.5	6.71	24	90	<0.5	<2	4.44	<0.5	58	2	53	16.90
S437217		3.37	<0.005		<0.5	6.35	26	90	<0.5	3	4.70	0.9	51	3	48	16.35
S437218		3.41	<0.005		<0.5	6.10	43	90	<0.5	2	4.64	<0.5	62	2	61	16.70
S437219		2.33	<0.005		<0.5	5.82	51	70	<0.5	3	4.00	<0.5	63	2	59	17.30
S437220		0.53	<0.005		<0.5	7.94	<5	1300	1.1	<2	2.53	<0.5	22	104	32	6.31
S437221		1.65	0.007		<0.5	6.07	55	50	<0.5	<2	4.09	<0.5	65	2	48	18.15
S437222		1.19	0.023		<0.5	5.90	60	<10	<0.5	<2	4.42	0.5	68	2	48	15.95
S437223		1.44	0.005		<0.5	6.02	51	20	<0.5	4	3.53	0.5	56	6	34	17.30
S437224		0.84	1.755		<0.5	5.26	>10000	30	<0.5	<2	5.49	0.7	48	8	66	14.90
S437225		1.50	0.009		<0.5	6.30	89	60	<0.5	<2	3.34	0.5	67	2	59	18.40
S437226		2.84	<0.005		<0.5	6.00	75	60	<0.5	5	4.04	0.6	64	2	54	16.75
S437227		2.32	<0.005		<0.5	6.38	52	30	<0.5	4	3.64	0.5	58	4	66	16.90
S437228		2.35	<0.005		<0.5	6.40	41	10	<0.5	<2	4.34	0.5	51	3	47	13.95
S437229		2.27	<0.005		<0.5	6.33	27	20	<0.5	<2	4.55	0.5	40	4	44	12.80
S437230		2.29	<0.005		<0.5	6.85	33	10	<0.5	2	4.64	<0.5	41	4	42	12.55
S437231		2.24	<0.005		<0.5	6.64	25	10	<0.5	4	4.56	0.5	34	3	53	11.65
S437232		2.05	<0.005		<0.5	6.99	28	20	<0.5	<2	4.59	<0.5	34	4	50	11.90
S437233		2.87	<0.005		<0.5	7.15	39	10	0.5	<2	4.93	<0.5	35	4	45	10.90
S437234		1.55	0.044		<0.5	6.01	1190	10	<0.5	<2	9.66	0.5	29	3	42	9.09
S437235		3.48	<0.005		<0.5	6.81	34	10	<0.5	<2	5.20	<0.5	37	4	40	11.30
S437236		3.53	<0.005		<0.5	7.16	32	30	<0.5	2	5.05	0.5	35	4	48	11.05
S437237		2.26	<0.005		<0.5	6.77	25	50	<0.5	3	4.33	0.5	37	6	59	11.55
S437238		2.54	<0.005		<0.5	6.73	17	30	<0.5	<2	4.93	<0.5	31	4	40	11.40
S437239		0.92	0.187		<0.5	6.89	13	30	0.6	2	4.04	<0.5	32	5	125	7.73
S437240		0.11	4.24	3.98	0.7	6.87	28	580	0.8	<2	2.42	1.0	16	60	143	5.15
S437241		0.95	<0.005		<0.5	7.66	26	30	0.6	3	5.87	<0.5	29	5	73	8.53
S437242		2.33	<0.005		<0.5	7.42	19	30	0.5	<2	4.81	<0.5	38	5	53	11.15
S437243		3.38	<0.005		<0.5	6.64	15	50	<0.5	3	4.74	<0.5	37	4	54	11.90

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 7- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174843

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S437210		20	0.56	10	1.33	2730	<1	1.72	4	4660	<2	0.18	7	18	126	<20
S437211		20	0.45	10	1.31	2610	<1	1.87	3	4210	3	0.14	<5	18	124	<20
S437212		20	0.34	10	1.34	2510	<1	1.94	3	4580	2	0.19	6	19	103	<20
S437213		20	0.32	<10	1.01	2070	<1	2.53	3	1120	2	0.11	<5	20	113	<20
S437214		20	0.43	<10	1.27	2270	<1	2.32	3	470	<2	0.19	5	25	153	<20
S437215		20	0.60	<10	1.45	2640	<1	1.68	3	430	4	0.16	5	24	149	<20
S437216		20	0.56	<10	1.52	2700	<1	1.60	4	420	3	0.19	<5	25	144	<20
S437217		20	0.60	<10	1.50	2640	<1	1.52	2	400	3	0.16	<5	25	134	<20
S437218		20	0.57	<10	1.56	2740	<1	1.46	3	400	4	0.22	<5	27	117	<20
S437219		20	0.43	<10	1.68	2920	1	1.42	3	390	<2	0.21	<5	26	58	<20
S437220		20	2.04	20	2.25	618	1	2.23	58	1140	11	0.11	<5	18	521	<20
S437221		20	0.27	<10	1.78	3060	<1	1.39	3	420	<2	0.20	5	29	42	<20
S437222		20	0.06	<10	1.61	2570	<1	1.15	5	410	3	0.20	<5	25	50	<20
S437223		20	0.20	<10	1.77	2690	<1	1.00	2	390	<2	0.14	<5	24	56	<20
S437224		10	0.29	<10	1.27	2410	1	1.67	3	290	55	1.70	11	17	90	<20
S437225		20	0.58	<10	1.84	3060	<1	1.34	3	400	<2	0.26	<5	23	51	<20
S437226		20	0.52	<10	1.66	2910	<1	1.48	4	360	<2	0.20	<5	22	63	<20
S437227		20	0.21	<10	1.62	2760	<1	1.71	4	370	<2	0.28	6	24	52	<20
S437228		20	0.10	<10	1.62	2350	<1	1.93	4	400	2	0.14	<5	37	63	<20
S437229		20	0.11	<10	1.56	2130	1	1.85	2	400	5	0.14	6	37	84	<20
S437230		20	0.09	<10	1.52	2080	<1	2.31	3	400	3	0.13	9	37	87	<20
S437231		20	0.04	<10	1.43	1930	<1	2.45	5	380	3	0.14	<5	35	75	<20
S437232		20	0.10	<10	1.43	1915	<1	2.29	5	410	4	0.15	5	37	124	<20
S437233		20	0.06	<10	1.21	1855	<1	2.98	2	420	2	0.16	<5	34	116	<20
S437234		20	0.04	<10	1.08	1885	<1	2.77	2	320	<2	0.25	5	30	165	<20
S437235		20	0.07	<10	1.36	1910	1	2.58	4	420	<2	0.12	5	36	120	<20
S437236		20	0.13	<10	1.25	1700	<1	2.53	3	430	3	0.16	8	35	163	<20
S437237		20	0.21	<10	1.34	1715	<1	2.23	1	420	2	0.19	6	41	148	<20
S437238		20	0.14	<10	1.32	1855	<1	2.33	3	430	<2	0.13	<5	40	131	<20
S437239		20	0.11	10	0.54	945	<1	3.75	1	850	<2	0.55	7	23	160	<20
S437240		20	1.08	10	1.50	848	7	2.19	43	730	45	0.14	10	16	265	<20
S437241		20	0.10	<10	0.75	1505	<1	4.11	3	450	6	0.24	5	25	183	<20
S437242		20	0.17	<10	1.22	1740	<1	3.14	4	410	<2	0.16	8	36	139	<20
S437243		20	0.31	<10	1.41	1900	1	2.16	3	420	<2	0.19	6	44	138	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 7- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174843

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S437210		1.19	<10	<10	4	<10	79
S437211		1.12	<10	<10	3	<10	79
S437212		1.19	<10	<10	5	<10	77
S437213		1.00	<10	<10	6	<10	57
S437214		1.18	<10	<10	5	<10	68
S437215		1.21	<10	<10	4	<10	76
S437216		1.21	<10	<10	4	<10	80
S437217		1.16	<10	<10	5	<10	80
S437218		1.36	<10	<10	6	<10	83
S437219		1.38	<10	<10	5	<10	97
S437220		0.64	<10	<10	175	<10	108
S437221		1.45	<10	<10	6	<10	108
S437222		1.33	<10	<10	8	<10	106
S437223		1.34	<10	<10	8	<10	105
S437224		1.01	<10	<10	8	<10	79
S437225		1.46	<10	<10	8	<10	118
S437226		1.43	<10	<10	9	<10	109
S437227		1.62	<10	<10	11	<10	105
S437228		1.65	10	<10	10	<10	99
S437229		1.55	<10	<10	14	<10	90
S437230		1.51	<10	<10	19	<10	89
S437231		1.42	<10	<10	17	<10	86
S437232		1.40	<10	<10	16	<10	82
S437233		1.53	<10	<10	17	<10	72
S437234		1.19	<10	<10	15	<10	60
S437235		1.42	<10	<10	16	<10	75
S437236		1.48	<10	<10	14	<10	63
S437237		1.51	<10	<10	22	<10	61
S437238		1.49	<10	<10	30	<10	63
S437239		0.84	<10	<10	18	<10	44
S437240		0.37	<10	<10	137	40	287
S437241		1.44	<10	<10	28	<10	54
S437242		1.76	<10	<10	44	<10	61
S437243		1.62	<10	<10	47	<10	57

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 7- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174843

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.

Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
LOG- 24	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION MIDLAND INC
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Finalisée date: 6- NOV- 2016
Compte: MIDEXP

CERTIFICAT VO16181998

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 5 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 24- OCT- 2016.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION MIDLAND INC
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Finalisée date: 6- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16181998

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
S437059		2.94	<0.005	<0.5	5.90	<5	90	1.0	<2	1.41	<0.5	2	44	3	1.90	20
S437060		0.65	0.047	<0.5	6.63	18	140	1.2	<2	1.17	<0.5	9	21	17	5.04	20
S437061		1.07	<0.005	<0.5	7.82	10	960	1.3	<2	2.57	<0.5	19	99	19	5.52	20
S437062		2.95	<0.005	<0.5	6.36	6	110	1.1	<2	1.34	<0.5	2	27	2	1.79	20
S437064		1.03	0.009	<0.5	6.82	61	190	1.4	<2	0.95	<0.5	7	22	11	3.37	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16181998

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
S437059		0.46	<10	0.12	477	<1	3.99	2	60	5	0.03	<5	5	68	<20	0.20
S437060		0.67	10	0.29	628	<1	3.45	1	370	4	0.48	<5	17	79	<20	0.17
S437061		1.99	20	1.81	512	1	2.38	45	1170	16	0.05	<5	15	459	<20	0.52
S437062		0.51	<10	0.10	524	<1	4.44	2	120	5	0.02	<5	10	89	<20	0.19
S437064		0.93	<10	0.14	603	<1	3.91	1	160	5	0.89	<5	10	74	<20	0.19

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16181998

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S437059		<10	<10	2	<10	20
S437060		<10	<10	2	<10	51
S437061		<10	<10	137	<10	111
S437062		<10	<10	2	<10	13
S437064		<10	<10	1	<10	27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16181998

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	BAG- 01	CRU- 32	CRU- QC
LOG- 22	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

2016 – Prospection : Midland

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À: EXPLORATION MIDLAND INC
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Finalisée date: 26- JUIL- 2016
Compte: MIDEXP

CERTIFICAT SD16104361

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 193 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2016.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
OA- HSUL10	Manipulation des échantillons de sulfure

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 26- JUIL- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435001		0.65	<0.005		<0.5	5.73	<5	40	<0.5	2	4.93	<0.5	33	41	451	11.30
S435002		0.80	<0.005		<0.5	5.88	<5	20	0.6	<2	1.66	<0.5	35	94	181	7.66
S435003		0.69	<0.005		<0.5	0.03	<5	<10	<0.5	<2	8.20	<0.5	<1	33	1	0.48
S435004		0.72	<0.005		<0.5	5.81	5	70	1.2	<2	1.15	<0.5	3	21	16	3.74
S435005		0.68	0.420		<0.5	5.97	<5	40	1.0	<2	1.49	<0.5	2	18	16	4.37
S435006		0.70	<0.005		<0.5	6.01	<5	130	0.7	<2	4.76	<0.5	23	8	14	12.00
S435007		0.66	<0.005		<0.5	5.86	<5	100	1.1	<2	2.53	<0.5	7	10	1	8.62
S435008		0.68	0.172		<0.5	5.63	491	130	0.9	<2	0.83	<0.5	2	15	16	4.78
S435009		0.47	<0.005		<0.5	6.55	<5	110	1.1	<2	0.10	<0.5	6	21	54	4.01
S435010		0.49	<0.005		<0.5	6.30	<5	140	1.1	<2	0.07	<0.5	2	16	15	4.27
S435011		0.71	<0.005		<0.5	6.06	<5	180	1.3	<2	1.51	<0.5	2	17	4	5.48
S435012		0.56	<0.005		<0.5	4.63	<5	10	<0.5	<2	7.37	<0.5	57	579	137	8.60
S435013		0.62	<0.005		<0.5	6.97	13	100	<0.5	<2	3.17	<0.5	34	944	1	4.94
S435014		0.60	<0.005		<0.5	7.96	5	470	0.5	<2	9.22	<0.5	37	876	2	5.21
S435015		0.66	<0.005		<0.5	0.11	<5	10	<0.5	3	32.0	<0.5	<1	16	1	0.33
S435016		0.52	<0.005		<0.5	7.02	<5	30	<0.5	<2	1.78	<0.5	29	1115	25	4.67
S435017		0.60	<0.005		<0.5	7.83	<5	60	<0.5	<2	1.69	<0.5	45	1295	1	6.27
S435018		0.48	<0.005		<0.5	0.44	<5	10	<0.5	3	16.1	<0.5	1	38	6	1.06
S435019		0.52	<0.005		<0.5	3.45	47	10	<0.5	2	16.0	<0.5	12	121	32	3.15
S435020		0.11	4.16	4.32	0.8	7.10	31	600	0.8	<2	2.51	0.7	18	63	147	5.22
S435021		0.87	0.013		1.2	1.30	23	60	<0.5	<2	0.33	<0.5	17	52	32	3.23
S435022		0.69	0.069		<0.5	4.80	5	220	1.3	<2	1.91	<0.5	2	23	4	3.21
S435023		0.52	2.12		1.7	6.01	48	400	1.2	<2	1.51	<0.5	4	17	103	6.45
S435024		1.04	3.69	1.30	<0.5	6.83	<5	1520	3.1	<2	3.41	<0.5	1	19	61	6.06
S435025		0.70	0.793		0.6	4.80	969	160	0.8	<2	1.44	<0.5	6	20	21	3.89
S435026		0.89	1.670		1.3	5.64	176	200	0.8	4	1.25	<0.5	6	16	168	5.23
S435027		0.88	<0.005		<0.5	2.77	<5	10	<0.5	<2	4.25	<0.5	7	159	4	1.89
S435028		0.70	0.013		<0.5	6.20	42	480	1.4	<2	0.18	<0.5	23	81	77	4.97
S435029		0.87	0.015		<0.5	6.37	74	200	0.7	<2	4.04	<0.5	17	219	9	5.37
S435030		0.77	0.345		<0.5	6.90	15	150	0.7	<2	1.22	<0.5	15	9	112	10.15
S435031		0.89	<0.005		<0.5	6.11	<5	80	0.7	<2	2.93	<0.5	3	10	8	5.47
S435032		0.68	1.400		<0.5	6.11	<5	150	0.8	2	1.07	<0.5	9	13	155	8.66
S435033		0.71	0.072		<0.5	6.92	<5	290	1.2	<2	3.81	<0.5	13	6	73	11.15
S435034		0.65	0.666		<0.5	5.25	759	240	1.2	<2	1.10	<0.5	7	16	46	6.80
S435035		0.97	0.075		<0.5	5.45	34	160	0.9	<2	2.67	<0.5	3	21	107	6.89
S435036		0.69	0.019		<0.5	5.78	134	20	0.6	<2	1.30	<0.5	2	13	35	5.73
S435037		0.57	0.005		<0.5	6.26	26	30	<0.5	<2	3.83	<0.5	49	13	85	6.88
S435038		0.80	0.035		<0.5	6.36	71	10	<0.5	3	2.42	0.7	317	84	1690	15.80
S435039		1.19	0.022		<0.5	3.55	<5	10	<0.5	2	5.96	0.8	51	596	471	10.35
S435040		0.45	<0.005		<0.5	7.76	<5	810	1.3	<2	3.20	<0.5	16	100	23	5.03

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 26- JUIL- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435001		10	0.20	<10	3.78	2170	1	2.27	19	290	8	0.78	<5	41	84	<20
S435002		30	0.10	<10	1.97	1125	1	1.63	50	240	7	0.48	<5	41	97	<20
S435003		<10	<0.01	<10	0.01	527	1	0.01	<1	10	<2	0.01	<5	2	54	<20
S435004		10	0.20	10	0.19	702	2	4.19	<1	250	8	0.19	<5	13	60	<20
S435005		20	0.11	10	0.17	1075	1	4.47	1	120	8	0.28	<5	12	51	<20
S435006		20	0.83	10	0.80	2200	1	1.34	<1	2980	11	0.23	<5	37	183	<20
S435007		20	0.33	10	0.45	1395	1	2.13	<1	880	4	<0.01	<5	17	129	<20
S435008		20	0.32	10	0.23	929	1	3.66	1	150	6	0.37	<5	15	117	<20
S435009		20	0.20	20	0.02	95	2	5.31	2	100	4	1.80	<5	4	146	<20
S435010		20	0.35	30	0.04	266	1	4.73	2	240	3	0.39	<5	19	76	<20
S435011		20	0.49	20	0.41	1045	2	3.03	1	220	<2	0.03	<5	13	117	<20
S435012		10	0.08	<10	10.05	1680	<1	0.40	242	20	<2	<0.01	<5	53	21	<20
S435013		10	0.84	<10	6.39	856	1	0.94	168	40	<2	<0.01	<5	31	16	<20
S435014		10	1.76	<10	7.47	1200	<1	0.20	182	70	<2	<0.01	6	45	68	<20
S435015		<10	0.02	<10	0.18	1750	1	0.01	4	30	4	<0.01	5	25	602	<20
S435016		10	0.08	<10	6.07	783	1	1.62	153	50	<2	<0.01	<5	38	64	<20
S435017		10	0.18	<10	7.60	1130	1	1.57	222	50	<2	<0.01	<5	38	21	<20
S435018		<10	<0.01	<10	0.33	2460	1	0.11	8	40	17	<0.01	<5	5	549	<20
S435019		10	0.01	<10	1.42	2070	1	1.52	29	180	22	<0.01	5	12	314	<20
S435020		20	1.10	10	1.54	866	7	2.23	43	770	46	0.14	10	16	274	<20
S435021		<10	0.29	10	0.44	272	3	0.08	30	140	268	1.25	<5	1	34	<20
S435022		20	1.37	10	0.24	724	1	1.42	3	790	<2	0.01	<5	19	51	<20
S435023		20	1.02	10	0.21	1075	1	2.98	2	520	82	1.16	<5	22	139	<20
S435024		40	3.20	10	0.55	1700	1	0.20	2	510	<2	0.46	<5	25	81	<20
S435025		20	0.65	10	0.23	949	2	2.64	4	340	23	0.26	<5	11	61	<20
S435026		20	0.78	20	0.15	868	1	3.15	3	460	45	1.67	<5	19	104	<20
S435027		10	0.03	<10	1.06	594	1	1.60	32	40	20	<0.01	<5	8	42	<20
S435028		20	2.17	20	0.58	1590	1	1.01	22	490	4	0.03	<5	8	24	<20
S435029		20	1.61	<10	2.49	1185	1	0.95	106	60	<2	<0.01	<5	18	60	<20
S435030		20	0.36	10	0.78	1350	1	2.78	<1	1040	<2	0.36	<5	37	76	<20
S435031		20	0.92	10	0.66	1080	1	2.26	1	700	<2	0.03	<5	15	84	<20
S435032		20	0.43	20	0.42	865	1	3.36	<1	930	2	1.39	6	22	139	<20
S435033		20	0.90	10	0.51	1665	<1	2.63	<1	2310	4	0.70	<5	32	147	<20
S435034		20	1.11	10	0.11	463	1	2.18	<1	480	8	4.21	<5	19	80	<20
S435035		20	0.59	10	0.31	1225	1	2.85	<1	520	8	0.92	<5	20	126	<20
S435036		20	0.14	20	0.41	812	1	3.30	1	310	8	0.33	<5	14	65	<20
S435037		20	0.12	<10	1.14	1055	<1	2.64	<1	950	7	0.97	<5	19	160	<20
S435038		10	0.04	<10	3.92	964	1	0.76	177	490	8	>10.0	<5	20	53	<20
S435039		10	0.03	<10	7.80	1550	1	0.25	195	380	7	0.48	<5	89	22	<20
S435040		20	1.21	20	1.77	562	1	2.62	44	900	18	0.06	<5	23	646	<20

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CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435001		0.60	<10	<10	394	<10	42
S435002		0.50	10	<10	223	<10	44
S435003		<0.01	<10	<10	2	<10	<2
S435004		0.24	<10	10	1	<10	38
S435005		0.22	<10	10	3	<10	33
S435006		1.04	10	<10	2	<10	72
S435007		0.39	<10	<10	<1	<10	39
S435008		0.25	<10	10	3	<10	40
S435009		0.17	<10	<10	1	<10	9
S435010		0.23	<10	<10	4	<10	14
S435011		0.22	<10	<10	2	<10	58
S435012		0.80	<10	<10	669	<10	76
S435013		0.16	<10	<10	160	<10	48
S435014		0.17	<10	<10	176	<10	54
S435015		<0.01	<10	<10	3	<10	<2
S435016		0.17	<10	<10	154	<10	45
S435017		0.20	<10	<10	148	10	67
S435018		0.02	<10	<10	13	<10	7
S435019		0.12	<10	<10	57	<10	39
S435020		0.37	<10	<10	140	40	287
S435021		0.03	<10	<10	10	<10	29
S435022		0.21	<10	<10	5	10	17
S435023		0.26	<10	<10	<1	10	23
S435024		0.37	<10	<10	1	10	26
S435025		0.12	<10	<10	3	10	19
S435026		0.33	<10	<10	<1	<10	12
S435027		0.06	<10	<10	45	<10	13
S435028		0.13	<10	<10	52	<10	28
S435029		0.07	<10	<10	82	<10	53
S435030		1.04	<10	<10	18	<10	56
S435031		0.40	<10	<10	2	10	55
S435032		0.39	<10	<10	1	10	46
S435033		0.91	<10	<10	2	10	71
S435034		0.18	<10	<10	1	10	17
S435035		0.33	<10	10	2	<10	45
S435036		0.12	<10	10	1	<10	44
S435037		0.53	<10	<10	73	<10	36
S435038		0.39	<10	<10	163	<10	97
S435039		0.59	<10	<10	575	<10	96
S435040		0.46	<10	10	174	<10	83

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435041		0.71	<0.005		<0.5	7.54	<5	20	<0.5	<2	5.20	<0.5	32	8	252	8.40
S435042		0.46	<0.005		<0.5	7.69	<5	10	<0.5	<2	8.94	0.9	53	16	154	11.20
S435043		0.75	<0.005		<0.5	2.33	<5	160	<0.5	<2	0.13	0.5	58	61	256	16.60
S435044		0.81	<0.005		<0.5	6.61	<5	10	<0.5	<2	8.30	0.7	79	5	226	12.75
S435045		0.77	0.007		<0.5	6.15	5	10	<0.5	<2	6.57	<0.5	64	93	368	8.21
S435046		0.83	<0.005		<0.5	6.26	<5	10	<0.5	<2	6.35	<0.5	55	57	197	8.01
S435047		0.84	<0.005		<0.5	6.60	6	10	<0.5	<2	6.39	<0.5	36	161	160	9.18
S435048		0.64	0.016		<0.5	7.62	17	470	2.0	<2	0.76	<0.5	6	37	2	3.77
S435049		0.75	0.047		<0.5	8.87	<5	170	1.6	<2	0.99	<0.5	10	6	19	3.59
S435050		0.61	<0.005		<0.5	7.37	<5	40	1.3	<2	0.38	<0.5	2	7	2	0.77
S435051		0.58	<0.005		<0.5	6.88	7	<10	0.8	<2	6.21	<0.5	<1	66	3	3.17
S435052		1.14	0.258		<0.5	8.27	12	110	1.0	<2	2.06	<0.5	7	17	6	4.19
S435053		0.88	<0.005		<0.5	7.96	<5	10	1.2	2	2.00	<0.5	15	187	100	7.16
S435054		0.65	<0.005		<0.5	7.28	7	10	0.6	2	3.42	<0.5	34	164	77	8.78
S435055		0.61	<0.005		<0.5	7.46	<5	10	<0.5	<2	4.58	<0.5	18	165	41	7.90
S435056		0.68	0.005		<0.5	7.38	<5	180	<0.5	<2	7.36	0.5	26	174	114	7.55
S435057		0.74	<0.005		<0.5	6.49	<5	10	<0.5	<2	4.00	0.5	22	164	75	9.57
S435058		0.62	<0.005		<0.5	6.23	28	10	<0.5	<2	7.86	0.5	29	147	124	7.39
S435059		1.02	0.006		<0.5	8.13	<5	70	<0.5	<2	3.44	0.7	27	188	151	8.03
S435060		0.11	4.14	3.63	0.7	6.72	32	580	0.8	<2	2.40	0.9	15	62	144	5.03
S435061		0.57	<0.005		<0.5	7.48	<5	20	<0.5	<2	3.05	1.1	23	171	164	7.00
S435062		0.82	0.008		<0.5	6.64	25	80	<0.5	<2	5.70	<0.5	37	165	166	8.00
S435063		0.96	0.024		0.5	1.90	<5	10	<0.5	<2	0.43	1.1	138	35	980	34.4
S435064		0.88	0.006		<0.5	6.41	<5	10	<0.5	2	6.97	0.7	51	107	2370	8.35
S435065		0.83	<0.005		<0.5	3.53	<5	10	<0.5	<2	2.08	<0.5	49	77	131	6.85
S435066		0.93	0.005		<0.5	6.26	<5	430	2.5	<2	0.14	<0.5	15	39	149	11.65
S435067		0.95	0.020		<0.5	3.42	7	80	2.2	<2	0.04	1.8	14	45	236	25.0
S435068		1.05	<0.005		<0.5	0.11	<5	10	<0.5	<2	0.01	<0.5	<1	35	17	4.26
S435069		1.26	<0.005		<0.5	6.59	<5	20	<0.5	<2	0.65	<0.5	41	71	88	14.60
S435070		0.73	<0.005		<0.5	7.07	<5	90	<0.5	<2	6.27	<0.5	38	122	77	7.80
S435071		0.74	<0.005		<0.5	7.92	29	680	1.7	<2	0.99	<0.5	7	43	1	3.35
S435072		0.78	<0.005		<0.5	7.72	22	350	1.5	<2	1.10	<0.5	3	44	1	1.61
S435073		0.75	<0.005		<0.5	6.00	19	290	1.3	<2	0.33	<0.5	4	38	1	2.39
S435074		0.74	<0.005		<0.5	6.85	36	250	0.9	<2	3.07	<0.5	30	34	23	8.55
S435075		0.99	<0.005		<0.5	6.77	46	240	1.0	<2	0.95	<0.5	18	32	4	11.55
S435076		1.03	0.023		<0.5	7.40	87	170	1.8	<2	0.56	<0.5	66	170	23	14.70
S435077		0.73	0.006		<0.5	7.39	29	290	0.9	<2	2.70	<0.5	21	40	5	7.69
S435078		0.72	0.032		<0.5	6.34	95	260	0.9	<2	0.16	<0.5	124	44	24	14.05
S435079		0.83	0.011		<0.5	6.60	63	400	1.3	<2	1.02	<0.5	9	41	13	7.32
S435080		0.45	<0.005		<0.5	7.00	<5	970	1.1	<2	2.40	<0.5	20	100	35	5.62

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Finalisée date: 26- JUIL- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435041		20	0.06	<10	2.55	1235	<1	2.63	10	650	2	1.08	<5	33	59	<20
S435042		20	0.02	<10	4.32	1475	1	0.05	54	160	12	0.40	<5	46	167	<20
S435043		10	1.00	<10	0.33	143	10	0.05	144	150	12	>10.0	<5	8	4	<20
S435044		20	0.03	<10	3.57	1440	<1	0.76	1	60	7	0.61	<5	62	277	<20
S435045		20	0.04	<10	4.50	1330	<1	0.71	85	440	10	0.30	<5	44	37	<20
S435046		20	0.03	<10	3.57	1015	1	2.06	47	580	3	0.78	<5	46	77	<20
S435047		20	0.03	<10	4.13	1310	<1	1.21	68	410	3	0.45	<5	43	80	<20
S435048		20	1.22	40	0.53	655	2	3.95	13	490	6	0.01	<5	13	78	<20
S435049		20	0.67	30	0.19	487	1	6.49	4	560	6	0.61	<5	12	111	<20
S435050		20	0.10	30	0.02	164	<1	7.78	1	710	6	0.02	<5	2	99	<20
S435051		30	0.01	30	0.56	537	1	1.24	50	300	20	0.08	<5	8	1535	<20
S435052		30	0.40	30	0.28	953	4	6.68	7	470	6	0.20	<5	11	135	<20
S435053		20	0.02	<10	2.87	618	<1	4.35	68	190	<2	1.33	<5	44	18	<20
S435054		20	0.03	<10	4.17	1085	<1	1.63	87	350	2	0.14	<5	42	38	<20
S435055		20	0.04	<10	4.24	1460	<1	3.12	52	350	3	0.81	<5	46	69	<20
S435056		20	0.53	<10	3.90	1365	1	1.39	77	360	4	0.77	<5	45	123	<20
S435057		20	0.02	<10	6.17	1405	1	1.50	38	320	3	0.28	<5	30	24	<20
S435058		20	0.03	<10	3.50	1140	<1	1.18	68	310	4	1.10	<5	38	99	<20
S435059		20	0.21	<10	4.30	1290	<1	3.32	61	380	<2	0.67	<5	48	51	<20
S435060		20	1.04	10	1.47	827	7	2.14	38	730	50	0.14	<5	15	266	<20
S435061		20	0.06	<10	4.12	967	<1	4.02	52	360	3	1.07	<5	46	22	<20
S435062		20	0.34	<10	4.54	1150	<1	1.64	77	320	6	1.07	<5	38	82	<20
S435063		<10	0.01	20	0.67	281	13	0.65	229	230	15	>10.0	<5	5	13	<20
S435064		20	0.03	<10	3.59	1180	<1	1.61	58	320	5	0.91	<5	44	93	<20
S435065		10	0.01	<10	2.08	823	1	0.26	22	250	3	0.70	<5	20	27	<20
S435066		20	3.04	20	2.18	400	21	0.04	78	240	10	5.52	<5	9	4	<20
S435067		10	1.83	10	0.77	335	30	0.02	195	140	20	>10.0	<5	7	4	<20
S435068		<10	0.04	<10	0.05	470	2	0.02	2	20	5	0.05	<5	<1	2	<20
S435069		20	0.04	<10	5.24	2650	<1	0.15	38	300	5	0.40	<5	29	18	<20
S435070		20	0.45	<10	4.14	1380	1	1.86	57	360	<2	0.49	6	40	143	<20
S435071		20	2.07	30	0.64	674	1	3.60	14	280	<2	0.01	<5	13	167	<20
S435072		20	1.47	30	0.42	400	2	4.16	10	160	40	0.01	<5	10	130	<20
S435073		10	1.29	30	0.28	383	4	2.85	10	160	9	<0.01	<5	9	68	<20
S435074		20	1.59	10	1.79	1605	<1	0.98	29	590	4	0.26	7	38	114	<20
S435075		20	1.82	20	1.10	1280	<1	0.09	23	960	2	0.03	<5	39	38	<20
S435076		20	0.91	<10	3.23	1045	1	2.64	61	350	8	8.69	<5	40	70	<20
S435077		20	1.46	10	2.46	1865	<1	1.92	34	610	2	0.49	<5	41	155	<20
S435078		20	1.10	<10	2.65	462	<1	0.78	44	650	<2	6.10	<5	35	24	<20
S435079		20	1.41	<10	1.51	697	1	1.95	17	260	<2	1.29	<5	28	76	<20
S435080		20	1.63	30	1.79	619	1	2.01	49	900	11	0.10	<5	18	407	<20

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Finalisée date: 26- JUIL- 2016
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CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435041		1.20	<10	<10	402	<10	56
S435042		0.73	<10	<10	866	<10	85
S435043		0.17	<10	<10	120	<10	58
S435044		1.31	<10	<10	929	<10	78
S435045		0.81	<10	<10	417	<10	74
S435046		1.06	<10	<10	431	<10	48
S435047		0.62	<10	<10	317	<10	89
S435048		0.39	<10	10	51	10	24
S435049		0.39	<10	10	10	30	11
S435050		0.26	<10	10	3	20	2
S435051		0.25	<10	<10	77	<10	36
S435052		0.25	<10	10	10	30	16
S435053		0.68	<10	<10	358	<10	42
S435054		0.61	<10	<10	313	<10	76
S435055		0.67	<10	<10	345	<10	182
S435056		0.65	<10	<10	342	<10	90
S435057		0.64	<10	<10	326	<10	156
S435058		0.55	<10	<10	289	<10	81
S435059		0.76	<10	<10	390	<10	171
S435060		0.36	<10	<10	140	40	279
S435061		0.68	<10	<10	347	<10	198
S435062		0.61	<10	<10	327	<10	70
S435063		0.15	<10	<10	70	<10	356
S435064		0.66	<10	<10	348	<10	64
S435065		0.35	<10	<10	195	<10	47
S435066		0.28	<10	10	300	<10	48
S435067		0.09	10	10	287	<10	523
S435068		<0.01	<10	<10	8	<10	17
S435069		0.57	<10	<10	342	<10	112
S435070		0.46	<10	<10	238	<10	56
S435071		0.25	<10	<10	73	<10	24
S435072		0.14	<10	<10	54	<10	20
S435073		0.16	<10	<10	48	<10	17
S435074		0.34	<10	<10	197	<10	72
S435075		0.15	<10	<10	143	<10	82
S435076		0.50	<10	<10	261	<10	42
S435077		0.32	<10	<10	242	<10	63
S435078		0.18	<10	<10	204	<10	94
S435079		0.16	<10	<10	118	<10	43
S435080		0.50	<10	<10	142	<10	119

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CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435081		0.89	<0.005		<0.5	7.92	24	1120	2.0	<2	0.20	<0.5	11	46	15	4.24
S435101		0.95	<0.005		<0.5	1.60	<5	80	<0.5	<2	3.31	<0.5	1	32	1	0.64
S435102		0.81	0.014		<0.5	2.28	68	20	1.9	<2	1.33	<0.5	10	30	11	4.76
S435103		0.79	<0.005		<0.5	0.64	<5	10	<0.5	<2	2.91	<0.5	1	23	1	1.76
S435104		0.87	0.008		<0.5	6.07	5	90	1.4	<2	0.60	<0.5	2	14	35	5.05
S435105		0.78	0.234		<0.5	6.54	<5	50	0.7	<2	0.99	<0.5	1	16	1	4.09
S435106		0.88	0.012		<0.5	5.97	19	40	0.9	<2	4.04	0.9	1	12	1	5.16
S435107		0.92	0.006		<0.5	2.29	<5	20	<0.5	<2	0.07	<0.5	1	46	2	1.06
S435108		0.98	0.006		<0.5	2.62	<5	40	0.5	<2	4.59	<0.5	<1	27	2	2.04
S435109		0.99	0.008		<0.5	3.54	29	20	0.6	<2	0.25	<0.5	1	26	1	1.06
S435110		0.99	0.026		<0.5	4.29	61	50	<0.5	2	7.34	1.5	40	12	162	9.66
S435111		1.09	<0.005		<0.5	6.68	81	170	0.5	<2	6.26	<0.5	24	43	70	5.45
S435112		1.32	<0.005		<0.5	3.93	203	80	<0.5	<2	8.29	<0.5	22	32	133	5.23
S435113		0.88	0.023		<0.5	5.69	61	120	0.5	2	3.76	<0.5	24	47	16	5.26
S435114		0.87	0.017		<0.5	7.27	7	20	<0.5	<2	3.25	<0.5	43	14	500	10.40
S435115		0.95	<0.005		<0.5	6.91	25	40	<0.5	<2	5.91	<0.5	39	31	108	7.27
S435116		1.01	0.013		<0.5	4.59	51	30	<0.5	<2	5.01	<0.5	36	27	490	5.94
S435117		1.18	0.017		<0.5	7.35	<5	20	<0.5	<2	8.11	<0.5	118	208	1110	9.58
S435118		1.24	<0.005		<0.5	3.67	57	160	<0.5	<2	2.27	<0.5	14	30	38	2.31
S435119		0.83	1.175		3.6	4.12	121	50	<0.5	4	4.47	2.2	58	22	6140	15.65
S435120		0.12	4.01	4.34	0.9	7.13	33	600	0.8	<2	2.51	0.8	18	64	155	5.24
S435121		1.20	0.618		<0.5	4.62	>10000	140	1.0	<2	0.06	<0.5	168	72	60	11.70
S435122		1.13	1.310		<0.5	0.40	136	40	<0.5	2	2.77	<0.5	29	69	80	40.4
S435123		1.08	0.023		0.5	7.85	47	80	<0.5	3	5.46	0.6	103	78	905	8.49
S435124		0.96	0.008		<0.5	5.51	240	80	<0.5	<2	4.08	<0.5	63	109	250	7.98
S435125		1.05	0.007		<0.5	6.30	41	400	1.3	2	4.58	<0.5	30	148	10	4.23
S435126		1.16	0.025		<0.5	3.00	148	100	0.5	<2	8.94	0.6	33	34	15	6.25
S435127		1.15	0.023		0.6	5.10	85	300	0.6	<2	3.96	<0.5	47	181	189	4.96
S435128		1.19	0.047		0.5	2.51	<5	180	0.6	2	0.07	<0.5	13	43	399	15.35
S435129		1.27	0.025		<0.5	4.85	<5	80	<0.5	<2	0.17	<0.5	13	46	400	18.75
S435130		0.78	0.013		<0.5	2.38	10	80	<0.5	<2	0.96	<0.5	8	53	89	6.95
S435131		0.90	<0.005		<0.5	1.97	10	200	0.5	<2	1.93	<0.5	10	47	2	4.01
S435132		1.04	0.018		0.5	6.58	556	280	1.0	<2	4.23	<0.5	85	140	650	6.69
S435133		0.91	0.017		1.2	7.82	612	240	0.9	<2	5.38	0.5	127	193	814	8.78
S435134		1.25	<0.005		<0.5	7.81	63	80	<0.5	<2	5.73	<0.5	88	123	393	7.78
S435135		1.16	<0.005		<0.5	0.53	<5	140	1.0	<2	0.20	<0.5	3	44	15	7.08
S435136		1.09	0.196		<0.5	6.40	1410	160	0.7	<2	2.79	<0.5	12	9	76	9.01
S435137		0.39	<0.005		<0.5	7.78	<5	1150	1.2	<2	2.73	<0.5	19	101	31	5.78
S435138		1.32	0.006		<0.5	3.26	<5	20	<0.5	<2	1.37	<0.5	2	23	16	2.75
S435139		1.22	0.008		<0.5	0.67	<5	10	<0.5	<2	0.38	<0.5	2	56	7	1.46

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S435081		20	2.73	30	0.51	677	1	2.31	17	320	8	0.12	<5	12	91	<20
S435101		<10	0.19	10	0.05	305	2	1.04	2	280	2	0.01	<5	3	51	<20
S435102		10	0.04	<10	0.33	948	1	0.66	<1	370	2	0.16	<5	12	38	<20
S435103		<10	0.02	<10	0.25	509	1	0.18	1	10	3	0.01	<5	3	61	<20
S435104		20	0.23	10	0.29	713	<1	3.80	<1	210	2	0.39	<5	19	83	<20
S435105		20	0.11	30	0.10	1045	1	5.24	1	180	<2	0.03	<5	8	94	<20
S435106		20	0.07	10	0.33	1585	1	5.05	4	150	10	<0.01	<5	11	138	<20
S435107		10	0.07	<10	0.04	132	2	1.78	2	20	4	0.01	<5	1	14	<20
S435108		10	0.10	10	0.08	777	1	2.00	2	340	4	0.03	<5	8	101	<20
S435109		10	0.07	<10	0.01	275	2	2.94	1	30	2	<0.01	<5	2	21	<20
S435110		10	0.21	10	4.09	1660	<1	0.08	70	920	<2	0.90	<5	25	44	<20
S435111		10	0.79	<10	2.50	1175	1	1.26	45	260	3	0.29	<5	29	96	<20
S435112		10	0.68	<10	2.60	1445	2	0.72	44	80	5	0.14	<5	26	84	<20
S435113		10	0.63	<10	2.52	897	1	0.89	53	100	2	<0.01	<5	28	67	<20
S435114		20	0.07	<10	4.61	964	<1	0.84	54	150	<2	0.07	<5	21	31	<20
S435115		10	0.25	<10	3.68	1165	<1	1.03	81	110	<2	0.10	7	36	76	<20
S435116		10	0.18	10	3.10	1050	1	0.65	78	770	2	0.10	5	23	47	<20
S435117		20	0.11	<10	5.20	1125	1	0.76	328	120	2	1.84	<5	34	91	<20
S435118		10	1.23	<10	0.78	748	2	0.33	17	20	5	0.02	<5	28	41	<20
S435119		10	0.05	10	5.97	1435	1	0.19	173	1640	37	1.53	7	10	24	<20
S435120		20	1.11	10	1.54	874	8	2.22	44	780	47	0.15	8	16	274	<20
S435121		20	0.38	<10	1.54	1575	3	1.06	36	20	62	2.74	8	7	15	<20
S435122		<10	0.25	<10	1.85	7300	<1	0.02	44	40	<2	0.03	<5	3	65	<20
S435123		20	0.16	10	4.71	1555	1	1.99	652	250	2	1.57	<5	10	371	<20
S435124		10	0.29	<10	6.42	1345	<1	0.13	451	120	3	0.27	<5	12	173	<20
S435125		10	1.77	<10	2.78	1145	2	1.19	223	80	<2	0.03	<5	8	213	<20
S435126		10	0.62	10	3.30	2190	1	0.43	163	6580	4	0.01	<5	18	447	<20
S435127		10	1.29	<10	2.78	877	1	0.52	269	230	2	0.43	<5	13	187	<20
S435128		10	0.57	10	0.94	1480	2	0.03	26	260	19	2.79	<5	5	7	<20
S435129		20	0.40	20	1.90	813	2	0.03	16	650	7	4.20	<5	7	10	<20
S435130		10	0.18	10	1.14	1075	2	0.03	13	190	5	0.25	<5	6	26	<20
S435131		10	0.64	10	0.75	905	2	0.04	9	310	2	0.01	<5	8	47	<20
S435132		10	0.93	10	3.19	1075	1	1.45	614	270	10	0.58	<5	15	213	<20
S435133		20	1.16	<10	4.60	1340	1	1.55	698	280	<2	0.61	6	18	220	<20
S435134		20	0.18	10	5.00	953	1	1.82	306	320	<2	1.17	<5	13	431	<20
S435135		<10	0.24	<10	0.45	1875	2	0.02	7	360	4	0.20	<5	<1	8	<20
S435136		20	0.49	10	0.60	1190	1	3.02	<1	870	2	0.92	5	23	97	<20
S435137		20	1.81	20	1.83	616	1	2.44	50	1590	12	0.06	<5	16	526	<20
S435138		10	0.05	10	0.11	563	1	2.57	1	290	2	0.42	<5	4	64	<20
S435139		<10	0.01	<10	0.03	207	3	0.51	1	60	2	0.11	<5	1	15	<20

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 26- JUIL- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435081		0.18	<10	<10	74	<10	34
S435101		0.05	<10	<10	9	<10	2
S435102		0.33	<10	<10	15	<10	26
S435103		0.01	<10	<10	15	<10	13
S435104		0.23	<10	<10	1	<10	31
S435105		0.26	<10	<10	1	<10	26
S435106		0.24	<10	<10	1	<10	35
S435107		0.06	<10	<10	<1	<10	5
S435108		0.12	<10	<10	1	390	11
S435109		0.05	<10	<10	1	10	6
S435110		0.24	<10	<10	492	<10	98
S435111		0.19	<10	<10	172	<10	36
S435112		0.11	<10	<10	157	<10	23
S435113		0.15	<10	<10	163	10	59
S435114		0.25	<10	<10	339	<10	77
S435115		0.23	<10	<10	220	<10	67
S435116		0.11	<10	<10	167	<10	53
S435117		0.23	<10	<10	207	<10	68
S435118		0.09	<10	<10	129	<10	23
S435119		0.12	<10	<10	215	<10	214
S435120		0.38	<10	<10	144	40	286
S435121		0.18	<10	<10	75	<10	107
S435122		0.12	<10	<10	30	<10	56
S435123		0.23	<10	<10	105	<10	59
S435124		0.08	<10	<10	90	<10	99
S435125		0.08	<10	<10	111	10	39
S435126		0.02	<10	<10	83	<10	58
S435127		0.14	<10	<10	86	<10	53
S435128		0.02	<10	<10	70	<10	64
S435129		0.06	<10	<10	94	<10	154
S435130		0.05	<10	<10	48	<10	57
S435131		0.14	<10	<10	67	<10	41
S435132		0.11	<10	<10	94	<10	65
S435133		0.15	<10	<10	140	<10	83
S435134		0.27	<10	<10	119	<10	72
S435135		0.01	<10	<10	11	<10	35
S435136		0.44	<10	<10	1	10	46
S435137		0.55	<10	<10	143	<10	99
S435138		0.08	<10	<10	1	10	8
S435139		0.01	<10	<10	1	<10	4

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CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435140		0.12	4.27	4.06	0.6	7.06	33	590	0.8	<2	2.50	0.8	17	63	147	5.14
S435141		0.73	1.270		0.6	5.31	19	80	0.6	<2	3.62	<0.5	9	15	53	8.23
S435142		1.09	0.642		<0.5	6.69	90	140	0.8	<2	2.29	0.8	11	12	63	9.44
S435143		0.71	0.028		<0.5	5.93	30	370	0.9	<2	1.48	<0.5	7	13	5	9.24
S435144		0.87	0.008		<0.5	6.83	5	180	1.2	3	2.33	<0.5	6	17	1	5.54
S435145		0.89	0.006		<0.5	8.04	<5	170	1.7	<2	1.02	<0.5	2	11	2	1.65
S435146		0.84	<0.005		<0.5	4.90	<5	70	0.8	2	1.44	<0.5	1	22	2	2.63
S435147		0.56	0.060		<0.5	7.08	<5	160	1.0	<2	1.85	<0.5	11	12	9	7.85
S435148		1.41	0.078		<0.5	6.20	5	180	0.7	3	1.78	<0.5	8	14	218	7.12
S435149		1.15	0.025		<0.5	6.59	<5	230	1.2	2	3.76	<0.5	3	16	19	3.93
S435150		0.91	0.007		<0.5	8.82	10	60	0.9	<2	1.83	<0.5	4	16	2	2.37
S435151		0.98	0.412		<0.5	8.35	<5	120	1.0	<2	1.74	<0.5	15	9	60	5.68
S435152		0.98	0.185		<0.5	6.76	16	140	0.9	<2	1.27	<0.5	22	7	66	10.25
S435153		1.08	0.371		<0.5	6.82	45	190	0.9	2	2.02	0.5	20	6	81	10.75
S435154		0.68	<0.005		<0.5	3.66	<5	210	0.8	<2	0.43	<0.5	4	26	10	3.53
S435155		1.01	7.27	7.16	6.7	5.35	4810	130	1.0	<2	2.28	<0.5	36	12	132	8.51
S435156		1.14	0.010		<0.5	4.79	12	180	1.0	<2	1.22	<0.5	8	24	20	3.84
S435157		0.78	0.005		<0.5	6.49	185	100	0.5	<2	1.45	0.5	22	9	51	10.95
S435158		0.99	3.18	3.73	<0.5	5.51	171	90	0.6	<2	1.64	0.5	11	15	65	7.97
S435159		0.87	1.790		<0.5	8.52	<5	270	1.1	3	2.16	<0.5	15	8	40	11.80
S435160		1.02	2.72		<0.5	6.97	<5	120	0.9	<2	1.19	1.1	14	14	35	4.06
S435161		0.80	0.035		<0.5	4.65	<5	300	1.1	<2	4.71	0.6	5	19	11	6.51
S435162		0.67	0.028		<0.5	3.90	5	80	0.6	<2	0.50	<0.5	3	35	5	4.23
S435163		0.83	<0.005		<0.5	9.50	15	280	1.9	<2	1.50	<0.5	24	99	26	4.52
S435164		0.55	0.005		<0.5	8.58	<5	1020	1.2	3	3.04	<0.5	27	121	79	7.37
S435165		1.02	0.464		<0.5	9.63	18	110	1.5	2	1.29	<0.5	15	68	17	3.99
S435166		1.08	0.597		<0.5	10.90	60	300	2.1	2	0.73	<0.5	38	92	22	4.79
S435167		1.00	0.036		<0.5	6.80	42	20	<0.5	5	3.08	0.7	17	8	43	12.60
S435168		1.17	0.012		<0.5	5.27	902	80	0.8	<2	3.01	<0.5	10	16	1	5.97
S435169		0.83	0.015		<0.5	4.76	1465	70	0.6	<2	2.25	<0.5	11	16	15	7.14
S435170		1.14	0.055		<0.5	6.16	1775	120	0.6	3	1.59	<0.5	23	18	3	7.06
S435171		1.32	0.628		0.5	5.74	182	130	0.8	<2	1.35	<0.5	12	12	36	8.91
S435172		1.04	0.047		<0.5	6.27	4910	120	0.6	2	0.79	<0.5	15	13	101	8.78
S435173		1.27	0.628		<0.5	6.40	23	100	0.6	3	0.94	<0.5	18	13	41	11.10
S435174		0.47	<0.005		<0.5	5.53	9	110	0.8	<2	2.09	0.8	9	31	43	5.48
S435175		0.83	0.005		<0.5	5.13	155	130	0.7	<2	0.79	<0.5	5	28	4	5.57
S435176		1.46	0.508		1.3	5.47	6010	120	0.7	<2	0.32	77.1	45	60	2220	6.55
S435177		0.99	0.017		<0.5	5.37	62	70	0.8	4	0.26	<0.5	22	67	56	6.08
S435178		1.10	0.144		<0.5	5.39	157	80	0.7	<2	0.64	<0.5	19	66	51	5.62
S435179		0.64	0.357		<0.5	5.90	1625	430	1.5	<2	0.42	<0.5	14	81	13	5.48

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Finalisée date: 26- JUIL- 2016
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435140		20	1.09	10	1.52	859	7	2.21	42	760	45	0.14	11	16	272	<20
S435141		20	0.39	10	0.49	1570	1	3.54	2	850	<2	1.44	<5	19	117	<20
S435142		20	0.89	10	0.49	1160	1	3.34	<1	1290	3	1.27	<5	25	100	<20
S435143		20	0.83	20	0.32	2070	4	2.28	<1	1060	4	0.01	<5	22	46	<20
S435144		20	0.93	10	0.88	1045	<1	3.14	2	630	2	<0.01	<5	17	66	<20
S435145		20	1.15	20	0.13	308	2	4.91	<1	760	2	0.10	<5	13	94	<20
S435146		10	0.38	10	0.06	896	2	3.51	<1	790	2	<0.01	<5	6	65	<20
S435147		30	1.11	10	0.70	821	1	2.34	<1	790	5	0.31	<5	21	92	<20
S435148		20	0.43	10	0.22	811	1	3.62	<1	500	3	1.30	<5	21	134	<20
S435149		20	1.02	10	0.22	1225	1	4.20	<1	550	3	0.56	<5	15	127	<20
S435150		20	0.25	20	0.18	911	1	7.15	1	350	2	0.01	<5	9	106	<20
S435151		20	0.47	20	0.25	862	<1	6.11	3	1120	4	1.23	<5	12	143	<20
S435152		20	1.08	10	0.47	1715	<1	3.21	<1	1190	<2	0.70	<5	25	91	<20
S435153		20	1.33	20	0.46	2040	<1	3.36	1	1410	6	0.75	<5	22	113	<20
S435154		20	1.02	10	0.09	768	2	1.22	1	530	2	0.15	<5	8	25	<20
S435155		20	0.82	10	0.39	1555	1	2.85	<1	1220	4	2.70	<5	22	110	<20
S435156		30	1.34	10	0.17	889	2	1.69	<1	920	<2	0.40	<5	20	49	<20
S435157		20	0.79	10	0.72	2130	1	3.01	1	1040	3	0.38	<5	30	91	<20
S435158		20	0.46	20	0.36	1565	1	3.29	<1	900	5	1.45	<5	17	83	<20
S435159		40	1.09	10	0.90	1140	<1	3.10	1	1760	4	1.10	<5	27	92	<20
S435160		20	0.49	10	0.13	527	1	4.87	1	1060	3	1.42	<5	11	117	<20
S435161		30	1.25	10	0.58	1830	1	1.43	<1	980	2	0.29	<5	22	83	<20
S435162		20	0.27	10	0.34	574	2	1.86	<1	200	<2	0.04	<5	9	49	<20
S435163		40	1.39	40	0.30	680	<1	5.79	29	60	6	1.22	<5	14	115	<20
S435164		20	1.87	30	2.26	960	1	2.52	64	1160	16	0.19	<5	26	573	<20
S435165		20	0.57	30	0.24	926	1	7.00	23	80	7	0.57	<5	10	113	<20
S435166		40	1.75	40	0.30	662	3	6.00	26	300	11	0.45	<5	18	85	<20
S435167		30	0.08	<10	2.05	1395	<1	1.80	11	1450	2	0.01	<5	21	38	<20
S435168		20	0.23	10	0.73	1275	<1	2.60	<1	930	<2	0.05	<5	21	60	<20
S435169		20	0.18	10	0.82	1175	1	2.04	<1	940	3	0.18	<5	21	52	<20
S435170		20	0.31	10	0.82	1330	1	3.10	<1	1650	<2	0.10	<5	19	48	<20
S435171		20	0.42	10	0.50	1505	1	3.09	<1	1420	2	0.82	<5	22	85	<20
S435172		20	0.30	10	0.72	1145	<1	3.28	<1	1450	3	1.25	<5	22	53	<20
S435173		20	0.22	10	0.67	1420	<1	3.07	<1	1680	2	1.43	<5	22	53	<20
S435174		20	0.28	10	0.41	640	2	2.25	<1	230	4	0.40	<5	17	212	<20
S435175		20	0.30	10	0.60	852	2	2.59	<1	570	<2	0.04	<5	12	55	<20
S435176		10	0.48	10	0.93	1105	2	2.64	72	680	35	1.37	<5	5	30	<20
S435177		10	0.26	10	0.93	1145	2	2.62	21	310	<2	0.51	<5	6	38	<20
S435178		10	0.28	10	0.85	1145	2	2.74	25	150	<2	0.36	<5	5	42	<20
S435179		20	1.43	20	0.86	1295	1	2.08	22	130	2	0.18	<5	7	58	<20

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S435140		0.37	<10	<10	142	40	284
S435141		0.17	<10	<10	3	10	32
S435142		0.43	<10	<10	1	10	116
S435143		0.42	<10	<10	1	<10	68
S435144		0.35	<10	<10	1	<10	36
S435145		0.21	10	<10	1	30	9
S435146		0.09	<10	<10	1	10	22
S435147		0.37	<10	<10	1	10	55
S435148		0.40	<10	<10	<1	<10	24
S435149		0.21	<10	<10	9	20	21
S435150		0.22	<10	<10	6	10	7
S435151		0.29	<10	<10	6	20	11
S435152		0.64	<10	<10	9	10	46
S435153		0.42	10	<10	2	10	43
S435154		0.15	<10	<10	3	10	15
S435155		0.29	<10	<10	5	20	20
S435156		0.14	<10	<10	9	20	12
S435157		0.78	<10	<10	5	10	72
S435158		0.25	<10	<10	2	10	26
S435159		0.37	<10	<10	10	20	117
S435160		0.18	<10	<10	3	30	191
S435161		0.20	<10	<10	3	10	31
S435162		0.12	<10	<10	3	<10	29
S435163		0.28	<10	<10	27	20	31
S435164		0.57	<10	<10	174	<10	117
S435165		0.15	<10	<10	15	10	33
S435166		0.19	<10	<10	36	10	26
S435167		0.44	<10	<10	70	<10	105
S435168		0.63	<10	<10	4	<10	47
S435169		0.53	<10	<10	4	<10	48
S435170		0.64	<10	<10	5	10	56
S435171		0.61	<10	<10	<1	10	48
S435172		0.65	<10	<10	2	<10	46
S435173		0.57	<10	<10	<1	10	55
S435174		0.28	<10	<10	6	<10	72
S435175		0.29	<10	<10	5	<10	43
S435176		0.10	<10	<10	58	<10	1230
S435177		0.17	<10	<10	45	<10	58
S435178		0.17	<10	<10	39	<10	59
S435179		0.21	<10	<10	52	<10	57

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 26- JUIL- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435180		0.11	0.516		1.5	7.67	10	420	0.6	<2	4.36	<0.5	21	196	103	4.40
S435181		0.82	0.012		<0.5	3.21	6	10	<0.5	<2	0.17	<0.5	49	39	351	10.40
S435182		0.93	<0.005		<0.5	5.06	<5	40	4.3	<2	1.91	<0.5	22	136	52	7.61
S435183		1.14	0.016		<0.5	2.75	5	10	<0.5	<2	0.71	<0.5	9	61	46	6.40
S435184		1.05	0.045		0.9	7.09	<5	60	<0.5	<2	7.48	1.6	125	214	4880	9.52
S435185		1.14	0.114		1.3	7.45	<5	30	<0.5	<2	8.34	1.6	68	108	7010	8.78
S435186		0.82	0.016		<0.5	7.83	<5	80	<0.5	<2	8.55	0.7	76	146	2450	7.68
S435187		0.73	0.032		1.0	6.52	<5	40	<0.5	<2	7.90	1.2	102	67	5050	10.30
S435188		0.98	0.050		0.9	7.53	<5	10	<0.5	<2	8.33	1.1	122	146	5860	10.30
S435189		1.25	<0.005		<0.5	7.08	14	1040	1.2	<2	1.72	<0.5	6	29	45	2.05
S435190		0.92	<0.005		<0.5	6.39	31	970	1.2	<2	4.02	0.5	16	75	37	4.98
S435191		1.09	<0.005		<0.5	6.77	59	860	1.2	2	5.46	0.5	33	108	47	5.86
S435192		0.98	<0.005		<0.5	4.71	42	320	0.7	<2	3.21	0.6	20	73	57	4.39
S435193		1.02	<0.005		<0.5	2.10	12	220	0.7	<2	0.11	0.5	3	39	18	13.40
S435194		1.14	0.023		<0.5	2.15	12	200	0.6	<2	0.86	0.6	7	47	112	10.80
S435195		0.85	0.160		<0.5	3.16	29	330	1.5	<2	1.48	0.8	18	31	112	14.80
S435196		1.12	0.015		<0.5	5.27	8	200	0.5	<2	2.40	0.5	7	35	106	18.15
S435197		0.83	0.687		<0.5	1.28	135	160	1.4	<2	0.33	0.7	17	27	57	15.80
S435198		1.10	>10.0	15.05	6.1	0.11	32	20	<0.5	<2	0.02	2.2	<1	45	5	2.57
S435199		0.85	0.070		0.7	5.20	111	90	1.0	<2	0.09	1.5	21	90	91	21.3
S435200		0.62	<0.005		<0.5	7.40	<5	940	1.2	<2	2.62	<0.5	15	82	24	4.89
S435201		0.70	<0.005		<0.5	8.25	<5	10	0.9	<2	6.52	0.6	40	183	78	13.10
S435202		0.74	<0.005		<0.5	7.31	<5	50	0.8	<2	0.68	0.5	9	276	162	13.25
S435203		0.64	<0.005		<0.5	7.20	<5	10	0.6	<2	0.65	<0.5	15	95	128	8.46
S435204		0.56	<0.005		<0.5	8.77	<5	20	1.0	<2	0.96	<0.5	26	200	146	12.70
S435205		0.67	<0.005		<0.5	7.49	<5	<10	<0.5	2	5.26	<0.5	45	148	221	10.45
S435206		0.49	0.007		<0.5	6.45	25	10	<0.5	<2	7.41	0.6	32	140	330	7.34
S435207		0.76	<0.005		<0.5	7.43	19	10	<0.5	<2	5.92	<0.5	43	158	122	8.55
S435208		1.11	<0.005		<0.5	6.76	<5	200	0.6	<2	4.83	<0.5	48	122	157	8.36
S435209		0.72	0.031		<0.5	7.20	<5	10	<0.5	<2	6.86	<0.5	41	163	186	8.28
S435210		0.45	<0.005		<0.5	0.19	<5	20	<0.5	<2	0.55	<0.5	1	38	10	1.21
S435211		0.70	<0.005		<0.5	7.24	<5	<10	<0.5	<2	4.77	<0.5	34	156	117	7.39
S435212		0.65	<0.005		<0.5	7.35	<5	30	<0.5	<2	7.29	0.5	45	145	148	8.20

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CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435180		20	0.71	10	2.32	792	8	2.05	208	490	6	0.06	7	14	276	<20
S435181		10	0.03	<10	1.39	1070	2	0.41	37	180	5	2.96	<5	2	14	<20
S435182		10	0.20	10	2.47	2900	2	0.34	60	70	5	0.17	<5	11	60	<20
S435183		10	0.02	10	1.05	1100	2	0.18	15	100	2	0.41	<5	5	50	<20
S435184		10	0.31	<10	5.70	1280	1	0.86	1280	210	4	1.79	8	32	117	<20
S435185		10	0.14	<10	4.52	1240	<1	1.09	415	150	4	1.40	<5	38	153	<20
S435186		10	0.47	<10	4.73	1110	<1	1.13	518	150	4	1.04	9	36	140	<20
S435187		10	0.20	<10	4.62	1410	<1	1.04	594	190	3	1.94	6	40	89	<20
S435188		20	0.06	<10	4.49	1215	<1	0.96	941	140	<2	2.29	<5	38	128	<20
S435189		20	1.83	20	0.51	1150	<1	2.62	18	170	17	0.02	<5	5	102	<20
S435190		20	2.46	10	1.06	2460	1	0.64	33	780	5	0.13	<5	18	163	<20
S435191		20	2.14	20	1.89	2250	<1	1.69	64	1120	4	0.41	<5	28	264	<20
S435192		10	1.23	10	1.20	1575	1	1.64	33	690	9	0.08	<5	17	182	<20
S435193		10	0.75	10	0.92	3480	2	0.06	15	220	4	0.36	<5	3	14	<20
S435194		10	0.58	20	1.23	2780	2	0.08	14	200	3	1.13	<5	3	18	<20
S435195		10	1.42	20	1.09	6730	2	0.08	22	1160	5	2.76	<5	4	52	<20
S435196		20	0.35	30	2.08	2030	<1	0.03	23	430	6	1.11	7	9	173	<20
S435197		<10	0.44	10	0.32	4260	1	0.19	15	340	20	4.64	<5	2	17	<20
S435198		<10	0.04	<10	0.02	206	2	0.02	3	80	2120	0.58	<5	<1	2	<20
S435199		10	0.90	40	2.41	1025	2	0.03	65	580	53	>10.0	<5	9	6	<20
S435200		20	1.41	20	1.61	574	1	2.22	41	810	15	0.09	<5	16	463	<20
S435201		20	0.01	10	3.14	1360	<1	2.68	118	410	3	1.16	5	48	25	<20
S435202		20	0.36	10	2.55	386	13	3.89	44	210	3	4.25	<5	21	17	<20
S435203		10	0.03	20	1.81	231	16	4.70	134	1120	2	5.95	<5	16	13	<20
S435204		20	0.05	<10	3.81	925	1	3.84	94	480	<2	2.89	7	47	19	<20
S435205		20	0.01	10	4.28	1265	<1	0.35	90	540	<2	1.21	5	47	177	<20
S435206		20	0.03	<10	3.80	1080	<1	1.06	73	340	<2	0.45	5	41	123	<20
S435207		20	0.02	<10	4.58	1375	<1	2.30	75	390	<2	0.64	6	46	45	<20
S435208		20	0.69	<10	4.80	765	<1	2.83	97	380	<2	4.30	7	44	46	<20
S435209		20	0.02	<10	3.47	1525	<1	1.19	78	420	<2	0.76	7	48	96	<20
S435210		<10	0.04	<10	0.05	430	2	0.04	8	20	<2	0.01	<5	<1	5	<20
S435211		20	0.02	<10	4.90	1050	<1	2.45	82	390	<2	0.77	5	46	63	<20
S435212		20	0.09	<10	4.04	1345	<1	1.48	117	360	2	0.09	<5	40	105	<20

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CERTIFICAT D'ANALYSE SD16104361

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435180		0.28	<10	<10	104	<10	57
S435181		0.06	<10	<10	24	<10	79
S435182		0.20	<10	<10	132	<10	80
S435183		0.09	<10	<10	36	<10	49
S435184		0.29	<10	<10	197	<10	122
S435185		0.32	<10	<10	211	<10	110
S435186		0.26	<10	<10	181	<10	59
S435187		0.36	<10	<10	240	<10	101
S435188		0.38	<10	<10	290	<10	93
S435189		0.08	<10	<10	32	<10	22
S435190		0.24	<10	<10	203	<10	47
S435191		0.36	<10	<10	196	<10	55
S435192		0.23	<10	<10	149	<10	46
S435193		0.02	<10	<10	26	<10	79
S435194		0.02	<10	<10	27	<10	94
S435195		0.03	<10	<10	33	<10	75
S435196		0.30	10	<10	48	<10	97
S435197		0.04	<10	<10	34	<10	56
S435198		<0.01	<10	<10	2	<10	109
S435199		0.18	10	<10	80	<10	423
S435200		0.45	<10	<10	117	<10	82
S435201		0.70	<10	<10	355	<10	100
S435202		0.45	10	<10	208	<10	36
S435203		0.60	<10	20	164	<10	24
S435204		0.77	<10	<10	402	<10	88
S435205		0.76	<10	<10	360	<10	81
S435206		0.60	10	<10	311	<10	54
S435207		0.67	<10	<10	339	<10	53
S435208		0.64	<10	<10	326	<10	41
S435209		0.73	<10	<10	364	<10	134
S435210		0.01	<10	<10	5	<10	2
S435211		0.70	<10	<10	341	<10	77
S435212		0.58	10	<10	297	<10	85

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CERTIFICAT D'ANALYSE SD16104361

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:

CRU- 32	CRU- QC	LOG- 22	LOG- 24
OA- HSUL10	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 23- OCT- 2016
Compte: MIDEXP

CERTIFICAT SD16172337

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 114 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 29- SEPT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Pb- OG62	Teneur marchande Pb - quatre acides	ICP- AES
Zn- OG62	Teneur marchande Zn - quatre acides	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE SD16172337

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435758		1.32	<0.005		<0.5	5.19	28	70	0.6	4	3.16	0.8	81	13	155	14.30
S435759		1.22	<0.005		<0.5	5.08	<5	90	0.6	5	3.67	1.1	29	10	73	13.75
S435760		0.87	<0.005		<0.5	8.16	6	1220	1.1	6	2.66	0.9	24	118	25	7.46
S435761		0.65	<0.005		<0.5	5.61	6	100	0.6	2	3.59	0.9	29	8	71	13.45
S435762		1.05	0.020		<0.5	6.75	<5	20	1.0	<2	2.30	<0.5	7	23	2	4.37
S435763		1.27	<0.005		0.5	6.97	21	40	1.2	3	1.45	0.5	9	18	395	4.39
S435764		1.27	<0.005		<0.5	6.55	15	20	1.0	<2	2.24	1.2	15	18	151	4.05
S435765		1.20	<0.005		0.5	5.52	12	10	0.8	<2	2.15	1.2	16	14	39	8.99
S435766		1.01	<0.005		<0.5	7.02	7	20	1.6	2	5.99	1.3	8	17	5	5.20
S435767		1.19	<0.005		<0.5	6.37	5	10	0.9	5	2.34	0.7	17	15	21	7.60
S435768		1.24	<0.005		<0.5	6.78	15	10	0.9	<2	1.03	0.6	7	9	17	8.59
S435769		1.20	<0.005		<0.5	5.86	<5	30	0.9	<2	1.40	<0.5	27	10	37	11.75
S435770		1.01	<0.005		<0.5	6.03	27	20	0.6	2	1.04	<0.5	45	9	55	11.95
S435771		1.12	<0.005		<0.5	6.81	<5	140	1.5	2	4.56	2.1	13	12	20	6.98
S435772		1.16	<0.005		<0.5	6.03	81	20	0.8	2	1.35	<0.5	68	11	39	8.61
S435773		1.04	<0.005		<0.5	6.18	82	20	0.8	5	1.58	<0.5	44	12	150	5.48
S435774		1.21	0.007		<0.5	7.52	50	20	1.0	3	7.60	1.1	157	8	553	13.50
S435775		1.11	<0.005		<0.5	6.09	29	20	1.0	2	2.36	1.7	31	16	18	8.22
S435776		1.28	<0.005		<0.5	5.49	5	150	1.1	<2	5.31	0.6	25	12	25	14.20
S435777		Not Recvd														
S435778		0.11	3.85	3.98	0.9	7.47	34	640	0.8	3	2.61	1.2	19	66	154	5.53
S435779		1.48	1.160		<0.5	6.58	771	100	1.5	2	1.12	0.5	16	10	154	5.34
S435780		1.09	0.636		0.5	6.17	6510	110	0.9	2	2.26	0.5	23	11	6	5.57
S435781		1.52	2.88		0.5	6.48	>10000	170	1.1	<2	1.65	<0.5	93	14	13	7.06
S435782		0.80	0.059		<0.5	7.07	1530	300	1.4	2	0.15	<0.5	4	13	<1	3.44
S435783		1.43	0.009		<0.5	5.95	24	180	0.9	<2	1.19	0.5	8	14	10	6.62
S435784		0.80	0.032		<0.5	6.17	22	240	0.9	2	0.81	0.7	12	18	28	7.00
S435785		0.98	0.197		<0.5	6.79	378	160	1.3	<2	0.32	<0.5	13	14	9	5.50
S435786		0.99	1.145		<0.5	5.75	18	210	0.8	<2	1.64	<0.5	9	14	58	6.46
S435787		1.28	0.218		<0.5	6.79	7560	90	0.8	<2	1.18	<0.5	24	8	5	8.12
S435788		1.35	<0.005		<0.5	4.00	8	30	0.7	<2	0.75	<0.5	1	26	4	4.02
S435789		1.11	0.839		0.6	6.11	1325	150	1.8	<2	0.16	<0.5	15	14	10	15.70
S435790		1.24	0.107		<0.5	5.88	877	90	1.7	<2	0.58	<0.5	17	19	6	10.05
S435791		1.23	1.005		0.6	5.79	46	90	1.4	<2	1.36	<0.5	14	18	92	7.75
S435792		0.97	1.835		0.6	6.78	>10000	160	0.8	<2	1.06	<0.5	66	13	44	7.28
S435793		1.07	<0.005		0.5	6.17	32	140	0.9	<2	1.00	<0.5	12	13	46	8.47
S435794		1.32	0.207		0.6	5.78	434	210	0.9	<2	3.09	0.7	11	10	5	9.16
S435795		1.22	<0.005		0.5	5.63	13	70	0.9	<2	1.59	0.6	9	11	6	6.64
S435796		1.25	0.022		0.6	6.03	38	110	0.9	<2	0.50	<0.5	8	10	3	6.01
S435797		1.17	1.220		<0.5	4.99	>10000	40	0.6	<2	0.64	<0.5	16	23	100	5.95

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Finalisée date: 23- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16172337

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S435758		20	0.48	10	0.39	2360	1	1.43	2	1680	5		1.62	<5	32	134
S435759		20	0.65	10	0.36	2670	1	1.21	<1	1570	4		0.56	<5	30	174
S435760		20	2.00	30	2.29	1170	2	2.16	54	1070	13		0.07	<5	31	468
S435761		20	0.52	10	0.33	2430	1	1.75	<1	1670	6		0.31	<5	30	197
S435762		20	0.05	20	0.39	1140	1	3.95	2	1770	3		0.01	<5	13	94
S435763		20	0.74	<10	0.66	1380	1	2.95	2	10	39		0.05	<5	49	24
S435764		20	0.40	<10	0.62	1355	1	3.21	2	20	17		0.04	5	39	27
S435765		20	0.03	10	0.72	1605	1	2.39	1	1670	635		1.26	5	36	62
S435766		30	0.05	10	0.50	1700	2	1.76	2	880	138		0.01	<5	23	165
S435767		20	0.03	10	0.73	1380	1	3.31	2	1260	87		0.45	<5	30	57
S435768		20	0.02	10	0.75	1310	2	3.53	2	1340	173		0.13	<5	31	40
S435769		20	0.07	10	0.27	2010	1	2.31	<1	1080	3		0.11	<5	28	87
S435770		20	0.03	10	1.02	1985	<1	2.01	10	1530	4		0.47	<5	26	58
S435771		30	0.34	10	0.48	1780	1	2.16	1	1420	18		0.07	<5	21	146
S435772		20	0.06	<10	0.46	1515	2	2.83	7	390	11		0.20	<5	13	74
S435773		20	0.04	<10	0.15	632	1	3.91	3	550	7		0.80	<5	9	71
S435774		30	0.09	<10	0.33	1225	1	1.57	40	40	14		3.66	<5	3	166
S435775		30	0.05	<10	0.47	1420	1	2.76	4	690	86		0.38	<5	23	60
S435776		20	0.61	10	0.58	3900	1	0.39	5	2140	13		0.50	<5	37	413
S435777																
S435778		20	1.16	10	1.61	930	8	2.33	45	810	52		0.15	10	17	297
S435779		10	0.35	10	0.12	565	1	4.52	2	450	18		2.45	<5	10	113
S435780		10	0.34	10	0.17	923	1	4.62	1	400	9		2.68	5	9	123
S435781		20	0.58	10	0.14	656	2	4.29	3	290	3		3.93	7	12	109
S435782		20	0.90	10	0.04	551	2	4.36	1	340	4		0.08	<5	11	93
S435783		20	1.12	10	0.28	1325	1	2.84	2	380	8		0.27	<5	15	104
S435784		20	0.70	10	0.19	998	1	2.80	3	420	7		0.41	<5	17	100
S435785		20	1.39	10	0.04	214	1	3.40	1	410	9		4.75	<5	12	78
S435786		20	0.46	10	0.06	825	1	2.99	1	360	9		0.61	<5	16	86
S435787		10	0.23	10	0.06	1095	1	5.20	2	440	6		4.32	<5	9	87
S435788		20	0.04	<10	0.11	458	2	2.36	2	240	4		0.01	<5	8	50
S435789		20	1.61	<10	0.04	106	<1	2.45	1	330	25		>10.0	<5	12	40
S435790		20	1.24	10	0.06	457	<1	2.85	<1	340	16		9.08	<5	11	47
S435791		20	0.24	10	0.14	906	1	3.24	<1	410	<2		1.97	<5	14	81
S435792		20	0.79	10	0.18	723	1	4.15	1	500	46		3.47	<5	7	88
S435793		20	0.40	<10	0.39	1100	<1	2.85	<1	450	<2		0.36	<5	10	77
S435794		20	0.96	10	0.24	1260	<1	3.69	<1	410	6		5.56	<5	13	112
S435795		20	0.15	<10	0.32	1135	<1	2.93	1	370	3		0.05	<5	21	111
S435796		20	0.61	10	0.18	1170	<1	3.41	<1	400	2		0.03	<5	14	96
S435797		10	0.22	10	0.08	439	2	3.65	2	310	13		1.88	<5	8	77

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Finalisée date: 23- OCT- 2016
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CERTIFICAT D'ANALYSE SD16172337

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S435758		<20	0.59	<10	<10	<1	<10	118	
S435759		<20	0.57	<10	<10	<1	<10	57	
S435760		<20	0.61	<10	<10	181	<10	138	
S435761		<20	0.61	<10	<10	<1	<10	40	
S435762		<20	0.72	<10	<10	3	<10	29	
S435763		<20	0.53	<10	<10	26	<10	110	
S435764		<20	0.43	<10	<10	27	<10	216	
S435765		<20	0.62	<10	<10	4	<10	203	
S435766		<20	0.67	<10	<10	8	<10	255	
S435767		<20	0.64	<10	<10	<1	<10	70	
S435768		<20	0.64	<10	<10	<1	<10	73	
S435769		<20	0.56	<10	<10	<1	<10	89	
S435770		<20	0.59	<10	<10	4	<10	114	
S435771		<20	0.72	<10	<10	4	<10	166	
S435772		<20	0.40	<10	<10	<1	<10	41	
S435773		<20	0.63	<10	<10	<1	<10	13	
S435774		<20	0.40	<10	10	<1	<10	34	
S435775		<20	0.38	<10	<10	4	<10	294	
S435776		<20	0.60	<10	<10	2	<10	52	
S435777									
S435778		<20	0.39	<10	<10	150	40	305	
S435779		<20	0.27	<10	<10	8	<10	17	
S435780		<20	0.17	<10	<10	3	20	16	
S435781		<20	0.12	<10	<10	4	10	14	
S435782		<20	0.22	<10	<10	1	50	11	
S435783		<20	0.08	<10	<10	1	<10	38	
S435784		<20	0.25	<10	<10	2	<10	56	
S435785		<20	0.12	10	<10	2	<10	7	
S435786		<20	0.21	<10	<10	<1	<10	48	
S435787		<20	0.17	<10	<10	3	40	13	
S435788		<20	0.18	<10	<10	<1	<10	23	
S435789		<20	0.25	<10	<10	2	50	8	
S435790		<20	0.23	<10	<10	2	20	6	
S435791		<20	0.26	<10	<10	8	<10	39	
S435792		<20	0.12	<10	<10	3	<10	19	
S435793		<20	0.18	<10	<10	1	<10	76	
S435794		<20	0.10	<10	<10	1	10	18	
S435795		<20	0.34	<10	<10	<1	<10	45	
S435796		<20	0.23	<10	<10	<1	<10	39	
S435797		<20	0.14	<10	<10	8	<10	20	

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Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16172337

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435798		1.33	0.108		<0.5	6.14	253	90	0.8	<2	0.36	<0.5	8	13	39	8.07
S435799		1.22	0.013		<0.5	6.43	255	210	1.1	<2	2.86	<0.5	6	11	3	7.15
S435800		0.59	<0.005		<0.5	8.23	<5	1300	1.1	2	2.81	0.9	24	127	45	7.67
S435874		0.96	0.034		0.5	4.96	835	60	<0.5	<2	4.72	0.8	15	15	160	7.04
S435875		1.00	<0.005		<0.5	6.28	34	80	<0.5	3	4.60	1.4	31	9	49	11.50
S435876		1.22	<0.005		<0.5	6.05	34	50	<0.5	3	4.43	1.4	30	3	48	12.15
S435877		0.70	<0.005		<0.5	6.15	<5	20	0.5	<2	1.46	<0.5	5	18	6	2.73
S435878		0.80	<0.005		<0.5	5.97	28	100	0.8	<2	3.89	0.9	17	10	10	10.85
S435879		0.55	0.048		0.5	0.69	275	60	<0.5	<2	0.02	0.7	76	35	614	10.15
S435880		0.54	<0.005		<0.5	8.36	<5	1150	2.7	2	2.70	0.9	25	131	80	6.79
S435881		1.09	<0.005		0.5	6.51	11	160	1.2	<2	0.71	0.6	40	17	325	8.72
S435882		1.28	<0.005		0.5	6.79	52	130	1.1	3	0.76	<0.5	53	15	137	8.66
S435883		1.00	<0.005		<0.5	6.93	44	410	<0.5	<2	11.40	1.8	24	1190	705	5.15
S435884		0.83	<0.005		<0.5	7.38	<5	40	0.5	3	3.07	1.1	41	17	141	11.75
S435885		0.60	<0.005		<0.5	7.33	<5	20	<0.5	<2	9.41	1.2	46	579	95	8.43
S435886		1.05	0.032		<0.5	7.86	<5	10	<0.5	<2	10.05	1.2	40	673	95	6.90
S435887		1.70	<0.005		<0.5	5.48	<5	150	0.6	<2	2.53	0.7	18	8	1	12.30
S435888		1.27	<0.005		<0.5	3.11	<5	560	0.6	<2	0.12	<0.5	34	38	149	4.64
S435889		0.99	<0.005		<0.5	5.65	6	30	0.8	<2	2.66	0.8	19	9	3	12.65
S435890		0.94	<0.005		<0.5	5.00	12	10	<0.5	<2	2.39	1.2	38	11	18	14.20
S435891		0.64	<0.005		0.5	5.86	36	30	0.7	<2	1.10	<0.5	6	13	2	6.49
S435892		1.31	0.033		<0.5	2.98	223	140	0.6	<2	0.05	<0.5	<1	23	17	8.47
S435893		1.57	<0.005		<0.5	4.10	17	230	1.0	<2	0.35	<0.5	5	18	6	4.53
S435894		1.50	<0.005		<0.5	5.62	7	180	0.7	<2	2.24	0.5	14	16	6	7.20
S435895		1.32	<0.005		<0.5	5.85	13	370	1.4	<2	0.82	<0.5	8	12	7	6.10
S435896		1.24	<0.005		<0.5	4.99	5	210	1.3	<2	3.79	0.9	12	14	1	9.01
S435897		1.46	<0.005		<0.5	3.71	<5	20	0.5	<2	1.17	<0.5	2	35	2	1.24
S435898		1.62	<0.005		<0.5	1.28	83	20	<0.5	<2	0.78	<0.5	149	25	375	8.13
S435899		1.11	<0.005		<0.5	6.84	<5	20	0.7	4	4.37	1.1	25	5	4	9.99
S435900		Not Recvd														
S435901		1.45	<0.005		<0.5	3.03	<5	130	0.5	<2	0.97	0.5	3	27	4	4.20
S435902		1.78	0.042		<0.5	5.93	7	170	0.8	<2	2.15	0.5	10	12	15	7.38
S435903		1.42	0.624		0.5	1.28	298	30	<0.5	<2	0.07	<0.5	235	32	145	11.45
S435904		1.61	0.021		<0.5	1.04	66	70	<0.5	<2	0.53	<0.5	3	50	2	1.55
S435905		1.29	<0.005		<0.5	5.96	8	270	1.3	<2	1.15	<0.5	12	16	13	8.32
S435906		1.63	<0.005		<0.5	5.16	6	340	1.6	<2	3.01	1.3	12	17	22	5.69
S435907		1.58	<0.005		<0.5	2.39	14	70	<0.5	<2	0.28	<0.5	8	33	7	3.15
S435908		1.13	<0.005		<0.5	4.99	5	200	0.8	<2	0.91	<0.5	11	23	33	6.22
S435909		1.38	<0.005		<0.5	5.92	5	90	0.9	<2	0.17	<0.5	8	12	2	5.72
S435910		1.16	<0.005		<0.5	5.91	9	220	0.9	2	1.22	<0.5	8	14	9	7.28

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S435798		20	0.77	10	0.16	1035	<1	3.60	1	490	2		0.37	<5	16	87
S435799		20	1.09	10	0.26	1700	<1	3.59	<1	550	4		2.50	<5	23	116
S435800		20	2.02	30	2.35	998	1	2.23	63	1210	13		0.10	<5	29	506
S435874		10	0.55	<10	0.71	1440	1	2.92	<1	250	37		0.22	<5	25	89
S435875		20	0.95	<10	1.40	2390	<1	2.48	1	440	4		0.22	<5	54	106
S435876		20	0.52	<10	1.27	2200	<1	2.98	1	380	3		0.15	<5	51	147
S435877		20	0.08	<10	0.51	609	1	4.36	1	50	2		0.01	<5	11	39
S435878		20	0.25	10	0.27	2430	<1	1.73	<1	1540	3		0.02	<5	39	221
S435879		<10	0.29	<10	0.03	592	7	0.03	24	40	7		3.42	<5	2	8
S435880		30	2.31	30	2.25	686	2	2.61	69	1080	15		0.20	<5	21	468
S435881		20	0.50	10	0.23	389	1	3.36	1	550	9		1.68	<5	14	117
S435882		20	0.40	<10	0.34	729	1	3.85	1	850	8		1.19	<5	19	128
S435883		10	1.36	<10	5.95	989	1	0.69	182	120	<2		0.06	<5	48	30
S435884		20	0.14	10	2.84	1715	<1	2.85	18	700	9		0.12	<5	39	102
S435885		10	0.07	<10	6.45	1445	1	1.12	149	210	5		0.07	<5	39	107
S435886		10	0.03	<10	6.27	1165	1	0.64	194	130	<2		0.09	<5	45	96
S435887		20	0.52	10	0.58	2280	<1	1.96	6	2010	<2		0.01	<5	41	104
S435888		10	0.97	<10	0.38	707	1	1.19	6	120	4		1.66	<5	2	35
S435889		20	0.19	10	0.39	2440	1	2.51	1	1690	<2		0.02	<5	36	41
S435890		20	0.02	10	0.37	3080	<1	1.00	7	1290	<2		0.08	<5	20	103
S435891		20	0.09	10	0.15	805	<1	3.40	1	370	<2		<0.01	<5	12	68
S435892		10	0.25	<10	0.01	95	1	1.98	<1	190	2		0.38	<5	4	58
S435893		20	0.65	<10	0.15	940	<1	1.64	<1	180	<2		0.06	<5	9	50
S435894		20	0.49	10	0.27	1470	1	2.21	<1	380	3		0.09	<5	16	121
S435895		20	0.66	20	0.33	799	1	2.78	1	450	4		0.41	<5	18	68
S435896		20	0.32	50	0.50	1580	<1	1.67	2	890	<2		0.03	<5	37	143
S435897		10	0.09	40	0.15	236	2	2.27	3	200	7		0.01	6	2	56
S435898		<10	0.10	10	0.02	174	2	0.30	24	130	4		4.06	<5	1	28
S435899		20	0.06	<10	2.10	2020	<1	2.62	<1	320	2		0.03	<5	60	109
S435900																
S435901		10	0.58	30	0.27	586	2	0.61	2	400	3		0.02	<5	13	28
S435902		20	0.45	10	0.24	1500	1	2.76	<1	470	3		0.14	<5	15	112
S435903		10	0.09	<10	0.05	325	2	0.60	13	90	6		8.05	6	4	21
S435904		<10	0.20	<10	0.01	231	3	0.45	3	110	4		0.62	6	3	26
S435905		30	0.44	30	0.61	1500	2	2.20	4	590	5		0.19	<5	15	48
S435906		20	1.58	20	0.46	1095	2	1.06	1	510	26		0.36	7	17	88
S435907		10	0.33	10	0.09	513	2	1.11	<1	140	<2		0.08	<5	6	46
S435908		20	0.32	20	0.18	1315	2	2.65	1	260	4		0.27	<5	10	106
S435909		20	0.17	<10	0.19	879	<1	3.34	<1	280	3		0.01	<5	15	63
S435910		20	0.47	10	0.45	1675	1	2.37	2	620	5		0.03	<5	16	97

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 23- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16172337

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S435798		<20	0.18	<10	<10	4	<10	58	
S435799		<20	0.12	<10	<10	1	20	13	
S435800		<20	0.66	<10	<10	181	<10	136	
S435874		<20	0.47	<10	<10	50	<10	22	
S435875		<20	1.16	<10	<10	49	<10	55	
S435876		<20	1.20	<10	<10	33	<10	56	
S435877		<20	0.28	<10	<10	8	<10	28	
S435878		<20	0.66	<10	<10	<1	<10	49	
S435879		<20	0.01	<10	<10	1	<10	21	
S435880		<20	0.67	10	<10	183	<10	141	
S435881		<20	0.32	<10	<10	<1	<10	48	
S435882		<20	0.37	<10	<10	<1	<10	49	
S435883		<20	0.24	<10	<10	211	<10	60	
S435884		<20	0.71	<10	<10	493	<10	68	
S435885		<20	0.32	<10	<10	257	<10	91	
S435886		<20	0.27	<10	<10	210	<10	64	
S435887		<20	0.68	<10	<10	4	<10	38	
S435888		<20	0.07	<10	<10	14	<10	54	
S435889		<20	0.67	10	<10	<1	<10	56	
S435890		<20	0.36	<10	<10	<1	<10	74	
S435891		<20	0.26	10	<10	<1	<10	45	
S435892		<20	0.11	<10	<10	<1	<10	3	
S435893		<20	0.11	10	<10	<1	<10	25	
S435894		<20	0.29	<10	<10	<1	<10	50	
S435895		<20	0.25	<10	<10	<1	<10	49	
S435896		<20	0.45	<10	<10	<1	<10	62	
S435897		<20	0.06	<10	<10	12	<10	12	
S435898		<20	0.05	<10	<10	<1	<10	5	
S435899		<20	1.63	<10	<10	27	<10	50	
S435900									
S435901		<20	0.05	<10	<10	1	<10	34	
S435902		<20	0.16	<10	<10	<1	<10	48	
S435903		<20	0.05	<10	<10	<1	<10	11	
S435904		<20	0.05	<10	<10	<1	<10	3	
S435905		<20	0.05	<10	<10	<1	<10	131	
S435906		<20	0.25	<10	<10	<1	<10	64	
S435907		<20	0.03	<10	<10	1	<10	18	
S435908		<20	0.06	<10	<10	1	<10	39	
S435909		<20	0.12	<10	<10	1	<10	38	
S435910		<20	0.13	<10	<10	1	<10	173	

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16172337

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435911		1.51	<0.005		<0.5	5.70	<5	120	1.2	<2	1.97	<0.5	8	11	31	4.87
S435912		0.88	<0.005		<0.5	5.21	<5	440	1.3	<2	2.34	0.6	10	29	1	8.90
S435913		1.51	<0.005		<0.5	6.21	6	240	1.3	3	1.17	<0.5	17	12	25	8.82
S435914		0.60	<0.005		<0.5	2.76	13	140	0.6	2	0.07	<0.5	4	38	4	4.48
S435915		0.78	1.830		0.5	5.91	170	220	1.0	<2	0.43	<0.5	9	15	112	7.68
S435916		1.05	0.071		<0.5	5.41	92	40	0.8	<2	0.85	<0.5	19	14	58	11.80
S435917		0.99	0.005		<0.5	5.93	7	160	0.9	<2	0.23	<0.5	4	16	1	4.86
S435918		0.95	0.312		<0.5	6.57	60	220	1.0	<2	0.08	<0.5	1	9	11	3.33
S435919		1.10	<0.005		<0.5	6.00	7	30	0.8	3	1.65	0.9	20	14	39	7.11
S435920		0.64	<0.005		<0.5	8.54	<5	1240	1.3	<2	2.61	0.8	21	110	46	6.53
S435921		1.44	<0.005		<0.5	5.88	<5	20	0.7	4	2.56	<0.5	2	27	<1	1.99
S435922		1.25	<0.005		<0.5	4.52	7	30	0.5	2	2.16	<0.5	9	20	<1	3.99
S435923		1.15	<0.005		<0.5	5.69	<5	20	0.7	5	2.71	1.2	20	13	20	11.30
S435924		1.33	<0.005		<0.5	6.27	<5	20	0.8	<2	3.78	0.6	12	12	8	5.98
S435925		1.12	<0.005		<0.5	5.55	<5	40	0.6	4	5.16	0.7	18	9	<1	8.37
S435926		1.16	<0.005		<0.5	5.95	<5	10	0.6	3	6.03	0.6	21	29	7	7.49
S435927		1.29	<0.005		<0.5	5.84	35	140	0.9	3	1.54	<0.5	10	15	<1	6.55
S435928		1.02	0.106		<0.5	5.90	380	290	2.2	<2	0.16	<0.5	40	17	5	4.93
S435929		1.00	1.420		<0.5	0.49	2170	60	<0.5	2	0.01	<0.5	14	36	58	7.37
S435930		1.14	0.013		<0.5	5.98	26	430	1.4	<2	0.58	<0.5	10	13	16	7.15
S435931		1.12	6.39	8.24	<0.5	1.00	171	10	<0.5	<2	0.02	<0.5	15	34	97	3.26
S435932		1.08	0.066		<0.5	2.49	108	120	0.6	<2	0.03	<0.5	3	29	30	7.11
S435933		1.48	0.048		<0.5	6.03	212	490	2.3	2	0.02	<0.5	7	25	1	2.24
S435934		0.97	0.009		<0.5	0.09	16	10	<0.5	<2	0.01	<0.5	9	41	37	1.96
S435935		0.99	0.863		<0.5	1.86	395	140	0.9	<2	0.17	<0.5	32	35	24	6.82
S435936		1.38	<0.005		<0.5	5.62	8	250	1.9	<2	1.88	<0.5	9	21	19	4.66
S435937		1.01	2.53		48.6	1.97	8	140	<0.5	<2	0.52	504	5	53	22	3.38
S435938		1.17	0.009		<0.5	5.69	20	210	1.1	<2	0.07	0.7	11	17	13	6.93
S435939		1.28	0.911		<0.5	2.38	6	90	0.5	<2	0.09	<0.5	10	26	55	3.91
S435940		0.11	4.05	4.09	0.7	6.70	26	570	0.8	<2	2.33	1.0	17	60	142	4.94
S435941		1.00	0.035		<0.5	3.73	79	300	1.0	<2	0.12	<0.5	22	31	56	5.88
S435942		1.19	<0.005		<0.5	0.21	6	20	<0.5	<2	<0.01	<0.5	1	79	4	0.73
S435943		1.23	0.005		<0.5	5.05	18	220	0.9	<2	1.99	<0.5	21	18	27	7.05
S435738		0.10	3.97	4.27	0.8	7.18	34	610	0.8	2	2.50	1.2	18	63	151	5.29

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date: 23- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16172337

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S435911		20	0.80	10	0.26	1105	1	2.81	3	310	21		0.66	<5	12	76
S435912		30	1.54	10	0.69	1795	2	0.24	2	240	8		0.01	<5	12	54
S435913		20	0.42	10	0.34	1325	1	2.54	2	340	5		0.91	<5	14	130
S435914		10	0.75	<10	0.04	736	2	0.95	2	190	2		0.12	<5	7	39
S435915		20	1.14	<10	0.04	930	1	2.86	2	420	8		1.11	<5	13	103
S435916		20	0.04	<10	0.37	818	1	2.68	3	360	30		5.57	<5	14	110
S435917		20	1.00	10	0.06	760	1	3.16	1	470	5		0.02	<5	15	93
S435918		30	0.37	10	0.04	221	<1	4.33	1	300	6		0.06	<5	13	130
S435919		20	0.05	10	0.72	1790	1	3.17	1	1180	96		0.62	<5	34	62
S435920		20	2.32	40	1.94	820	10	2.25	53	940	23		0.09	<5	27	441
S435921		20	0.07	<10	0.14	862	2	3.38	<1	60	3		0.01	<5	7	93
S435922		10	0.13	10	0.65	1225	1	2.54	4	1140	9		<0.01	<5	41	103
S435923		20	0.11	10	0.48	2280	1	1.85	2	1550	10		0.27	<5	32	127
S435924		10	0.04	10	0.85	1620	1	3.45	1	1710	16		0.13	<5	40	83
S435925		20	0.20	20	0.75	1895	<1	1.29	4	3670	4		<0.01	<5	41	92
S435926		20	0.08	10	1.33	1565	2	1.87	1	130	4		0.02	<5	40	93
S435927		20	1.45	10	0.18	1110	1	2.24	1	450	10		0.01	<5	15	74
S435928		30	1.53	<10	0.05	356	2	1.95	3	130	9		3.61	<5	16	37
S435929		<10	0.18	<10	0.01	159	2	0.11	8	40	9		3.44	<5	1	8
S435930		20	0.84	30	0.16	1235	1	2.58	1	360	11		0.09	<5	15	103
S435931		10	0.02	<10	0.07	156	2	0.36	2	40	3		0.67	<5	2	8
S435932		10	0.41	10	0.03	908	1	1.24	1	140	3		0.24	<5	6	39
S435933		30	2.36	<10	0.04	36	1	0.88	1	30	6		1.55	<5	6	31
S435934		<10	0.02	<10	<0.01	103	3	0.04	5	30	5		0.66	<5	<1	2
S435935		10	0.78	10	0.05	152	3	0.05	10	10	7		6.44	5	6	12
S435936		30	1.55	20	0.20	587	1	1.28	3	100	7		0.48	<5	18	78
S435937		<10	0.37	10	0.15	601	2	1.05	7	140	>10000	3.94	2.51	49	2	48
S435938		20	1.31	30	0.09	911	1	2.16	2	290	64		0.07	<5	13	77
S435939		10	0.27	<10	0.09	352	2	0.99	3	130	39		0.50	<5	5	27
S435940		20	1.03	10	1.44	797	8	2.09	40	730	47		0.14	6	15	263
S435941		10	0.98	80	0.08	592	2	1.14	8	280	7		0.71	<5	12	30
S435942		<10	0.07	<10	0.01	48	5	0.03	5	20	7		0.02	<5	<1	2
S435943		20	1.32	10	0.45	1030	2	1.45	3	1130	2		0.17	<5	15	108
S435738		20	1.12	10	1.54	859	8	2.24	43	780	47		0.15	5	16	285

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CERTIFICAT D'ANALYSE SD16172337

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S435911		<20	0.10	<10	<10	<1	<10	44	
S435912		<20	0.08	<10	<10	<1	<10	112	
S435913		<20	0.23	<10	<10	<1	<10	64	
S435914		<20	0.05	<10	<10	1	<10	22	
S435915		<20	0.10	<10	<10	<1	<10	17	
S435916		<20	0.21	<10	<10	<1	<10	68	
S435917		<20	0.09	<10	<10	1	<10	26	
S435918		<20	0.20	<10	<10	<1	30	16	
S435919		<20	0.61	<10	<10	5	<10	227	
S435920		<20	0.57	<10	<10	161	<10	109	
S435921		<20	0.61	<10	<10	4	<10	14	
S435922		<20	0.42	<10	<10	12	<10	61	
S435923		<20	0.54	<10	<10	2	<10	230	
S435924		<20	0.69	<10	<10	8	<10	110	
S435925		<20	0.74	<10	<10	7	<10	39	
S435926		<20	0.81	<10	<10	14	<10	31	
S435927		<20	0.22	<10	<10	1	<10	44	
S435928		<20	0.12	<10	<10	1	<10	7	
S435929		<20	0.01	<10	<10	<1	<10	15	
S435930		<20	0.08	<10	<10	<1	<10	42	
S435931		<20	0.01	<10	<10	<1	<10	12	
S435932		<20	0.02	<10	<10	1	<10	30	
S435933		<20	0.24	<10	<10	2	<10	5	
S435934		<20	<0.01	<10	<10	<1	<10	6	
S435935		<20	0.02	<10	<10	2	<10	5	
S435936		<20	0.11	<10	<10	<1	<10	28	
S435937		<20	0.02	<10	<10	14	<10	>10000	3.41
S435938		<20	0.05	<10	<10	<1	<10	73	
S435939		<20	0.05	<10	<10	<1	<10	37	
S435940		<20	0.36	<10	<10	135	40	279	
S435941		<20	0.05	<10	<10	2	<10	25	
S435942		<20	0.01	<10	<10	1	<10	5	
S435943		<20	0.31	10	<10	2	<10	39	
S435738		<20	0.38	<10	<10	146	40	291	

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CERTIFICAT D'ANALYSE SD16172337

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU- 32	CRU- QC	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	ME- ICP61	ME- OG62	Pb- OG62	Zn- OG62

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Finalisée date: 8- NOV- 2016
Compte: MIDEXP

CERTIFICAT SD16180831

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 13 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 19- OCT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 8- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE SD16180831

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435861		0.81	<0.005		<0.5	5.48	23	90	<0.5	2	2.96	0.8	38	7	5	19.25
S435862		1.10	<0.005		<0.5	5.65	16	160	0.9	<2	4.64	0.8	35	3	23	16.80
S435863		0.85	0.006		<0.5	5.72	21	50	<0.5	<2	4.03	0.6	38	3	2	17.65
S435864		0.85	0.298		<0.5	5.44	38	50	0.7	2	0.91	<0.5	42	2	116	19.30
S435865		0.91	0.014		<0.5	5.10	41	20	<0.5	<2	4.79	0.9	42	7	6	15.70
S435866		0.93	0.012		<0.5	5.97	12	90	0.5	3	4.87	0.6	33	4	23	14.40
S435867		0.74	<0.005		<0.5	5.47	8	10	0.5	<2	3.79	<0.5	19	10	5	10.20
S435868		0.96	9.51	9.05	2.9	5.74	2370	70	1.0	<2	0.62	<0.5	18	7	106	11.10
S435869		0.66	0.364		<0.5	5.77	27	50	0.8	<2	0.72	<0.5	23	14	62	10.70
S435870		0.73	0.009		<0.5	5.51	31	110	0.8	<2	2.06	<0.5	35	6	10	11.20
S435871		0.86	0.052		<0.5	4.83	53	50	<0.5	<2	12.5	0.5	41	7	162	7.72
S435872		0.79	0.005		<0.5	6.53	9	30	<0.5	<2	4.30	0.6	44	2	47	12.25
S435873		0.95	<0.005		<0.5	5.85	12	190	1.2	<2	0.65	<0.5	6	20	3	2.17

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CERTIFICAT D'ANALYSE SD16180831

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435861		20	0.21	10	0.83	3520	<1	1.19	5	2600	3	0.03	<5	47	90	<20
S435862		20	0.85	10	0.92	3640	<1	0.84	4	2720	2	0.07	<5	43	264	<20
S435863		20	0.23	10	1.33	3600	<1	0.69	4	3420	<2	0.01	<5	44	101	<20
S435864		20	0.27	10	0.93	2790	<1	1.47	<1	3150	<2	0.87	<5	36	39	<20
S435865		20	0.04	10	0.73	3480	<1	1.37	<1	2870	4	0.07	<5	36	139	<20
S435866		20	0.62	10	0.71	2490	<1	1.01	<1	4130	<2	0.06	<5	41	191	<20
S435867		20	0.03	<10	0.74	1965	1	2.11	1	1870	3	0.03	<5	44	109	<20
S435868		10	0.20	<10	0.23	1110	<1	3.80	<1	1820	7	1.68	5	34	56	<20
S435869		20	0.20	<10	0.26	1445	<1	3.23	1	1540	<2	1.40	<5	39	59	<20
S435870		20	0.44	<10	0.19	2070	<1	2.32	<1	1260	<2	0.10	<5	34	157	<20
S435871		10	0.68	<10	0.77	1980	1	1.97	1	250	10	1.09	<5	34	131	<20
S435872		20	0.14	<10	1.91	1805	<1	2.44	1	360	<2	0.25	<5	52	100	<20
S435873		20	0.73	<10	0.20	486	1	3.47	2	180	<2	0.02	<5	9	111	<20

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CERTIFICAT D'ANALYSE SD16180831

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435861		0.84	<10	<10	6	<10	77
S435862		0.85	10	<10	12	<10	71
S435863		1.00	<10	<10	6	<10	115
S435864		0.89	<10	<10	4	<10	88
S435865		0.82	<10	<10	2	<10	74
S435866		1.16	10	<10	1	<10	65
S435867		0.76	10	<10	1	<10	37
S435868		0.84	10	<10	6	<10	10
S435869		0.65	<10	<10	2	<10	44
S435870		0.55	<10	<10	<1	<10	45
S435871		0.72	<10	<10	123	<10	22
S435872		1.28	<10	<10	154	<10	55
S435873		0.25	<10	<10	13	<10	12

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CERTIFICAT D'ANALYSE SD16180831

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:

CRU- 32	CRU- QC	LOG- 22	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 9- AOUT- 2016
Compte: MIDEXP

CERTIFICAT VO16116237

Projet: WILLBOB

Ce rapport s'applique aux 138 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 18- JUIL- 2016.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 9- AOUT- 2016
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CERTIFICAT D'ANALYSE VO16116237

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435486		0.73	<0.005		<0.5	6.90	7	10	0.5	2	5.07	<0.5	49	4	65	12.15
S435487		0.85	0.008		<0.5	6.08	25	10	<0.5	<2	4.72	0.5	41	3	61	11.25
S435488		0.93	0.014		<0.5	7.76	81	10	<0.5	3	3.04	0.5	55	2	80	14.50
S435489		0.75	0.150		<0.5	5.39	<5	30	<0.5	3	5.24	<0.5	8	8	79	4.18
S435490		1.28	0.380		<0.5	5.33	30	50	<0.5	4	4.85	0.6	33	3	92	10.40
S435491		0.65	0.085		<0.5	5.76	63	30	<0.5	<2	4.28	0.6	37	2	37	11.30
S435492		0.73	<0.005		<0.5	4.89	119	10	0.6	<2	3.08	<0.5	3	15	1	1.84
S435493		1.12	<0.005		<0.5	5.71	<5	40	<0.5	<2	2.75	<0.5	8	17	12	4.41
S435494		0.93	<0.005		<0.5	7.89	<5	1010	1.2	2	2.95	0.6	25	102	80	5.95
S435495		0.88	0.016		<0.5	5.93	192	40	0.8	<2	1.00	<0.5	28	6	29	10.65
S435496		0.89	0.208		<0.5	0.82	3600	10	<0.5	<2	5.31	<0.5	3	18	6	2.36
S435497		0.77	0.372		<0.5	5.63	>10000	10	1.0	3	5.60	<0.5	15	8	1	6.27
S435498		0.74	0.019		<0.5	5.54	1465	40	0.6	<2	3.42	<0.5	20	4	47	11.20
S435499		0.73	0.006		<0.5	5.32	85	140	0.8	2	2.83	<0.5	18	2	<1	11.60
S435500		0.73	0.458		<0.5	0.12	>10000	10	<0.5	<2	0.95	<0.5	2	41	1	1.53
S435501		0.95	<0.005		<0.5	6.88	11	80	2.4	<2	8.29	14.4	12	13	24	6.95
S435502		0.72	0.025		<0.5	4.41	14	10	<0.5	3	3.66	0.8	40	10	110	10.15
S435503		1.04	0.018		<0.5	3.75	9	10	<0.5	5	1.62	0.7	191	12	1090	15.15
S435504		1.22	<0.005		<0.5	5.44	<5	10	<0.5	7	8.03	<0.5	29	12	57	7.85
S435505		0.63	0.007		<0.5	0.23	29	<10	<0.5	<2	0.13	<0.5	122	33	1260	5.21
S435506		0.98	0.020		<0.5	0.67	8650	10	<0.5	2	3.55	<0.5	37	25	8	2.01
S435507		1.00	0.011		<0.5	1.93	83	10	<0.5	<2	1.33	<0.5	13	32	52	4.08
S435508		0.94	0.142		<0.5	8.44	8300	10	<0.5	4	1.83	0.8	85	3	73	19.50
S435509		1.15	0.013		<0.5	0.10	97	<10	<0.5	<2	3.05	<0.5	9	33	55	0.64
S435510		0.99	0.014		<0.5	6.23	5	10	1.1	2	1.63	<0.5	6	22	7	3.31
S435511		0.91	<0.005		<0.5	5.96	6	10	1.2	<2	1.90	<0.5	1	18	<1	1.08
S435512		1.26	0.006		<0.5	6.18	<5	70	0.9	4	10.00	0.7	29	5	28	11.00
S435513		1.04	0.150		<0.5	5.86	<5	10	1.1	<2	2.36	<0.5	11	7	63	8.31
S435514		1.27	0.052		<0.5	6.36	<5	10	0.9	5	2.89	0.6	52	4	125	15.50
S435515		1.47	0.086		<0.5	5.17	22	130	0.8	2	1.17	<0.5	21	3	24	12.70
S435516		0.78	0.021		<0.5	6.63	24	10	0.8	4	1.60	<0.5	43	31	136	8.21
S435517		1.30	0.009		<0.5	9.01	900	20	1.3	<2	0.89	<0.5	46	114	348	8.95
S435518		1.14	0.006		<0.5	5.87	43	170	<0.5	4	5.69	0.6	58	2	85	11.40
S435519		0.75	<0.005		<0.5	5.50	<5	20	<0.5	<2	2.69	0.7	30	2	13	13.80
S435520		0.11	3.99	4.16	0.8	7.07	32	600	0.8	3	2.49	1.0	17	63	145	5.24
S435521		0.97	0.010		<0.5	7.09	11	20	1.7	2	3.34	6.4	16	6	35	7.74
S435522		1.08	0.005		<0.5	5.39	<5	20	1.0	<2	2.14	<0.5	7	9	19	7.15
S435523		1.00	0.009		<0.5	3.78	16	10	<0.5	<2	2.80	<0.5	27	16	18	10.95
S435524		0.72	<0.005		<0.5	6.08	9	10	<0.5	5	4.78	0.7	30	1	35	11.80
S435525		1.20	<0.005		<0.5	4.00	<5	10	0.6	<2	2.39	<0.5	9	21	1	4.04

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CERTIFICAT D'ANALYSE VO16116237

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435486		20	0.10	<10	2.76	1895	1	2.10	2	340	12	0.35	<5	53	146	<20
S435487		20	0.05	<10	1.78	1685	<1	1.99	2	310	6	0.22	<5	47	142	<20
S435488		20	0.08	<10	2.60	1340	1	2.34	2	360	5	0.46	<5	59	64	<20
S435489		20	0.09	<10	0.36	1160	<1	3.77	2	400	7	0.39	<5	13	194	<20
S435490		20	0.66	<10	1.28	2080	1	2.38	3	340	8	0.48	<5	44	111	<20
S435491		20	0.24	<10	1.41	2080	<1	2.76	3	370	4	0.20	5	48	122	<20
S435492		10	0.03	<10	0.27	561	1	3.56	3	80	4	0.01	<5	10	42	<20
S435493		20	0.13	<10	0.33	808	<1	2.84	2	500	4	0.08	<5	8	100	<20
S435494		20	1.70	40	2.22	709	1	2.37	64	990	19	0.16	<5	20	611	<20
S435495		20	0.11	10	0.99	1790	<1	2.38	2	1700	7	0.51	<5	31	35	<20
S435496		<10	0.02	<10	0.15	685	<1	0.30	4	220	46	0.26	<5	6	38	<20
S435497		10	0.03	10	0.48	1310	1	3.34	2	1520	8	0.54	<5	18	95	<20
S435498		20	0.14	10	0.96	2010	1	2.24	2	1560	42	0.84	<5	31	39	<20
S435499		20	0.39	10	0.62	2320	1	2.41	3	1620	4	<0.01	<5	32	56	<20
S435500		<10	0.02	<10	0.01	196	<1	0.06	4	20	2	0.48	<5	1	8	<20
S435501		40	0.29	10	1.37	2550	<1	0.44	10	190	3	0.41	<5	17	183	<20
S435502		10	0.03	<10	1.55	1525	<1	1.18	3	210	8	0.21	5	37	36	<20
S435503		10	0.05	<10	2.44	1540	<1	0.10	36	110	5	4.26	<5	39	5	<20
S435504		20	0.03	<10	1.26	1115	<1	0.17	1	140	8	0.21	<5	35	247	<20
S435505		<10	0.01	<10	0.08	152	<1	0.04	7	20	22	3.08	<5	5	2	<20
S435506		<10	0.01	<10	0.18	519	<1	0.30	3	20	173	0.42	5	4	24	<20
S435507		10	0.01	<10	0.74	496	<1	0.52	2	50	95	0.17	<5	14	13	<20
S435508		30	0.01	<10	4.04	2050	1	1.34	4	300	151	0.64	7	66	9	<20
S435509		<10	0.01	<10	0.03	309	<1	0.05	3	20	55	0.18	<5	2	14	<20
S435510		20	0.03	<10	0.33	768	1	3.96	3	270	6	0.19	5	19	53	<20
S435511		20	0.03	<10	0.13	415	1	3.94	2	90	5	<0.01	<5	2	92	<20
S435512		30	0.39	10	0.92	2520	1	0.08	5	4240	11	0.35	<5	36	283	<20
S435513		30	0.02	10	0.82	1190	<1	2.24	1	650	15	0.52	<5	16	75	<20
S435514		30	0.02	10	1.37	2180	1	1.78	4	2460	235	2.54	5	45	62	<20
S435515		20	0.38	10	0.41	2640	<1	2.25	<1	1630	5	0.51	<5	32	79	<20
S435516		20	0.04	20	1.29	1545	<1	3.33	17	1660	13	0.82	<5	29	49	<20
S435517		20	0.05	20	1.52	1020	4	5.39	74	290	117	2.32	<5	12	49	<20
S435518		20	1.98	<10	2.12	1620	1	0.45	2	220	11	0.48	5	50	88	<20
S435519		20	0.05	10	1.02	2210	1	0.57	3	1940	5	0.11	<5	33	56	<20
S435520		20	1.12	10	1.53	840	8	2.21	45	750	52	0.14	7	16	274	<20
S435521		30	0.05	10	0.79	1270	1	2.34	3	540	166	0.75	<5	13	170	<20
S435522		30	0.11	10	0.58	1200	1	1.87	2	590	21	0.44	<5	18	102	<20
S435523		10	0.05	10	0.65	1390	<1	0.93	2	2420	5	0.20	<5	21	48	<20
S435524		20	0.03	<10	1.38	2270	1	1.98	3	200	8	0.21	<5	44	67	<20
S435525		10	0.02	<10	0.78	1200	<1	2.20	3	250	2	<0.01	<5	18	24	<20

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 9- AOUT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16116237

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435486		1.32	<10	<10	287	<10	72
S435487		1.19	<10	<10	176	<10	53
S435488		1.67	<10	<10	238	<10	82
S435489		0.29	10	<10	45	<10	14
S435490		1.20	<10	<10	26	<10	55
S435491		1.38	<10	<10	27	<10	65
S435492		0.22	<10	<10	10	<10	14
S435493		0.30	<10	<10	3	<10	15
S435494		0.54	<10	<10	170	<10	123
S435495		0.66	<10	<10	2	<10	86
S435496		0.09	<10	<10	2	<10	16
S435497		0.61	<10	<10	28	<10	46
S435498		0.61	10	<10	11	<10	92
S435499		0.62	<10	<10	2	<10	63
S435500		<0.01	<10	<10	1	<10	<2
S435501		0.30	<10	<10	231	<10	1080
S435502		0.84	<10	<10	312	<10	66
S435503		0.78	<10	<10	503	<10	96
S435504		0.73	<10	10	575	<10	44
S435505		0.07	<10	<10	25	<10	7
S435506		0.06	<10	<10	35	<10	9
S435507		0.36	10	<10	160	<10	32
S435508		2.13	<10	<10	901	<10	167
S435509		0.02	<10	<10	5	<10	5
S435510		0.31	<10	<10	3	<10	36
S435511		0.26	<10	<10	2	<10	14
S435512		1.15	10	<10	2	<10	50
S435513		0.39	10	<10	1	<10	50
S435514		0.88	<10	<10	5	<10	261
S435515		0.62	<10	<10	1	<10	58
S435516		0.70	<10	<10	35	<10	101
S435517		0.42	<10	<10	115	<10	56
S435518		1.03	<10	<10	657	<10	70
S435519		0.66	<10	<10	3	<10	294
S435520		0.37	<10	<10	140	40	285
S435521		0.27	<10	<10	1	<10	1980
S435522		0.51	<10	<10	1	<10	76
S435523		0.62	10	<10	2	<10	61
S435524		1.31	<10	<10	5	<10	87
S435525		0.93	<10	<10	13	<10	39

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CERTIFICAT D'ANALYSE VO16116237

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435526		0.92	0.022		<0.5	6.70	101	20	<0.5	3	2.81	0.6	36	3	188	13.50
S435527		1.18	1.245		<0.5	0.42	>10000	<10	<0.5	3	10.25	<0.5	6	14	2	1.58
S435528		0.93	0.076		<0.5	5.49	>10000	10	<0.5	6	13.7	0.6	31	2	44	10.20
S435529		1.52	0.010		<0.5	6.46	245	20	<0.5	3	5.20	0.5	18	2	2	8.12
S435530		1.05	<0.005		<0.5	6.85	80	30	<0.5	<2	1.48	<0.5	33	1	6	11.90
S435531		1.14	0.121		<0.5	1.57	1925	<10	<0.5	3	16.3	<0.5	7	10	<1	4.02
S435532		1.22	0.010		<0.5	6.15	61	20	0.7	4	5.13	0.5	22	2	17	9.77
S435533		0.73	0.020		<0.5	3.52	2340	10	1.0	3	15.7	<0.5	7	3	<1	4.23
S435534		1.15	0.085		<0.5	4.99	>10000	10	0.7	<2	5.71	<0.5	14	7	<1	5.64
S435535		0.89	0.089		<0.5	6.77	>10000	10	0.7	10	6.16	<0.5	25	2	3	10.05
S435536		1.05	0.019		<0.5	6.67	6700	10	0.8	5	4.46	<0.5	22	3	1	8.79
S435537		0.75	0.075		<0.5	3.41	1420	10	0.8	4	8.41	<0.5	3	12	<1	3.95
S435538		1.02	0.073		<0.5	6.07	103	80	0.7	<2	2.82	0.5	37	2	14	14.45
S435539		1.09	0.023		<0.5	7.54	102	10	1.2	3	3.78	0.5	22	2	32	10.80
S435540		0.60	<0.005		<0.5	7.42	7	1120	1.1	2	2.75	<0.5	26	117	74	6.45
S435541		1.06	<0.005		<0.5	3.13	52	440	0.7	<2	6.11	0.6	17	33	7	5.06
S435542		0.99	0.005		<0.5	6.60	53	360	1.0	<2	3.85	0.7	34	58	16	7.75
S435543		1.20	0.012		<0.5	4.19	9	560	0.8	<2	0.25	<0.5	4	72	114	14.90
S435544		1.02	1.345		<0.5	2.61	19	130	1.6	<2	0.80	0.5	8	24	105	22.2
S435545		0.98	0.199		<0.5	1.93	23	700	1.2	<2	0.24	<0.5	6	34	50	15.65
S435546		1.10	0.197		5.4	2.23	19	220	0.7	<2	1.08	0.5	30	27	51	9.69
S435547		1.30	0.016		10.2	2.82	6	60	43.0	14	3.17	2.3	2	44	2410	2.65
S435548		0.83	<0.005		<0.5	0.51	<5	50	5.9	<2	0.22	<0.5	1	37	4	0.91
S435549		1.09	0.016		<0.5	6.59	6	90	1.3	<2	0.62	<0.5	13	28	122	8.46
S435550		1.30	0.030		<0.5	6.07	18	160	0.8	3	0.40	<0.5	11	26	47	3.91
S435551		0.83	0.011		<0.5	7.38	23	60	0.6	<2	1.03	<0.5	40	3	159	14.25
S435552		0.73	<0.005		<0.5	5.35	49	10	0.5	3	1.98	0.6	27	10	209	9.71
S435553		1.04	2.50		<0.5	0.42	>10000	10	<0.5	<2	2.07	<0.5	17	29	37	2.52
S435554		0.69	0.051		<0.5	5.50	59	30	0.5	<2	4.84	0.5	21	2	11	14.65
S435555		0.89	0.375		<0.5	4.95	45	20	<0.5	3	3.46	<0.5	42	1	21	17.20
S435556		0.89	0.497		<0.5	6.76	4540	30	<0.5	<2	0.82	<0.5	39	1	108	20.3
S435557		0.72	1.140		<0.5	5.46	44	20	<0.5	<2	1.57	<0.5	40	2	38	17.80
S435558		0.66	3.52	3.53	<0.5	5.14	118	10	<0.5	7	0.88	<0.5	42	2	103	18.70
S435559		0.61	0.011		<0.5	5.31	16	170	0.6	<2	2.12	<0.5	33	1	1	17.95
S435560		0.11	4.07	4.38	0.7	7.13	30	610	0.8	<2	2.52	0.8	18	63	148	5.19
S435561		0.82	0.080		<0.5	2.34	<5	<10	<0.5	<2	1.12	<0.5	56	15	218	9.48
S435562		0.74	0.094		<0.5	4.94	11	20	<0.5	<2	0.70	<0.5	90	1	456	26.9
S435563		0.70	<0.005		<0.5	6.90	28	20	0.6	<2	3.70	<0.5	25	4	18	10.30
S435564		1.16	0.050		<0.5	7.78	638	10	0.6	<2	0.55	<0.5	32	1	278	15.65
S435565		0.55	0.011		<0.5	6.12	44	20	0.9	<2	3.16	0.8	39	1	50	14.95

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CERTIFICAT D'ANALYSE VO16116237

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435526		20	0.07	<10	1.68	1920	1	2.37	1	530	7	0.89	<5	58	30	<20
S435527		<10	0.01	<10	0.03	838	1	0.32	3	10	4	0.75	6	6	85	<20
S435528		20	0.06	<10	1.14	2110	1	2.54	<1	420	6	1.23	8	46	81	<20
S435529		20	0.05	<10	1.76	2070	<1	2.98	4	70	5	0.01	<5	52	66	<20
S435530		20	0.14	<10	2.28	2250	1	2.39	6	420	3	0.13	<5	60	30	<20
S435531		10	0.02	<10	0.87	1310	<1	0.16	2	30	3	0.09	<5	26	67	<20
S435532		20	0.06	<10	2.15	2630	1	2.50	5	50	2	0.23	6	51	53	<20
S435533		10	0.02	<10	1.01	1825	<1	1.68	5	50	8	0.11	<5	41	129	<20
S435534		10	0.02	<10	1.13	1390	1	2.70	5	20	26	0.56	6	27	41	<20
S435535		20	0.02	<10	2.03	2130	1	2.85	3	80	6	0.54	<5	48	43	<20
S435536		20	0.03	<10	1.83	1920	<1	3.10	5	60	2	0.34	8	43	44	<20
S435537		10	0.02	<10	0.71	1415	<1	1.80	6	100	3	0.07	5	23	85	<20
S435538		20	0.46	<10	1.49	2500	<1	2.39	3	480	3	0.27	6	44	44	<20
S435539		20	0.03	10	2.17	2420	1	3.19	4	160	7	0.28	<5	58	39	<20
S435540		20	1.84	30	2.29	694	2	2.04	65	1210	15	0.20	<5	20	476	<20
S435541		10	1.25	10	1.65	1370	<1	0.54	24	540	12	0.06	<5	15	185	<20
S435542		20	1.76	20	2.02	1640	1	2.23	36	1170	44	0.05	<5	28	183	<20
S435543		10	1.24	30	2.16	2470	4	0.09	33	770	6	1.88	<5	6	23	<20
S435544		10	1.10	10	1.86	4560	1	0.05	13	810	4	2.69	<5	3	38	<20
S435545		10	0.55	10	1.23	2930	<1	0.09	10	590	7	1.72	<5	3	17	<20
S435546		10	1.16	10	0.53	2680	<1	0.02	14	340	923	4.36	<5	2	70	<20
S435547		10	0.19	<10	0.21	5520	1	0.38	5	120	3900	0.30	5	10	20	<20
S435548		<10	0.16	<10	0.04	823	<1	0.01	3	10	5	<0.01	<5	2	1	<20
S435549		20	0.27	10	0.78	929	1	3.81	6	820	6	1.44	<5	29	35	<20
S435550		10	0.46	20	0.30	472	1	3.91	6	510	21	0.52	<5	16	63	<20
S435551		20	0.27	<10	1.53	2130	1	3.27	1	610	4	0.75	<5	55	49	<20
S435552		10	0.02	<10	1.04	1300	<1	2.46	4	410	40	1.94	<5	34	37	<20
S435553		<10	0.01	<10	0.02	470	1	0.27	4	260	15	0.55	<5	3	54	<20
S435554		20	0.11	10	1.01	4060	<1	2.03	2	3940	10	0.28	<5	34	105	<20
S435555		20	0.03	20	0.96	3300	<1	1.52	1	4050	7	0.36	<5	40	90	<20
S435556		20	0.13	10	1.26	2030	1	1.80	5	4130	128	2.46	<5	48	44	<20
S435557		20	0.06	10	0.98	2850	<1	0.77	1	3180	18	1.02	<5	36	47	<20
S435558		20	0.04	10	0.85	2680	<1	0.81	3	3110	98	1.65	<5	39	30	<20
S435559		20	0.59	10	0.84	3670	<1	1.51	2	2670	4	0.02	<5	40	75	<20
S435560		20	1.13	10	1.56	868	8	2.25	44	770	48	0.14	7	16	278	<20
S435561		10	0.01	<10	0.52	984	<1	0.51	3	1240	9	2.96	<5	15	25	<20
S435562		10	0.02	10	1.08	1855	1	0.64	4	3330	37	>10.0	<5	42	11	<20
S435563		20	0.06	<10	2.06	2050	1	2.70	6	170	4	0.15	<5	59	57	<20
S435564		20	0.03	<10	1.96	2020	1	3.17	3	60	13	2.74	<5	56	16	<20
S435565		20	0.11	<10	1.72	2740	1	1.51	2	550	26	0.61	<5	52	36	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435526		1.84	10	<10	35	<10	62
S435527		0.01	<10	<10	1	<10	2
S435528		1.40	<10	<10	95	<10	40
S435529		1.52	10	<10	22	<10	50
S435530		1.73	<10	<10	14	<10	79
S435531		0.07	<10	<10	59	<10	29
S435532		1.49	<10	<10	10	<10	70
S435533		0.73	<10	<10	66	<10	37
S435534		0.94	<10	<10	56	<10	41
S435535		1.46	<10	<10	74	<10	67
S435536		1.44	10	<10	107	<10	57
S435537		0.51	<10	<10	46	<10	25
S435538		1.33	10	<10	8	<10	54
S435539		1.69	10	<10	71	<10	66
S435540		0.59	10	<10	193	<10	118
S435541		0.12	<10	<10	99	<10	43
S435542		0.38	<10	<10	237	<10	117
S435543		0.07	10	<10	99	<10	119
S435544		0.07	<10	<10	35	<10	67
S435545		0.05	10	<10	35	<10	53
S435546		0.03	<10	<10	34	<10	45
S435547		0.07	<10	<10	30	<10	89
S435548		<0.01	<10	<10	6	<10	11
S435549		0.50	<10	<10	36	<10	60
S435550		0.38	<10	<10	23	<10	39
S435551		1.64	<10	<10	32	<10	60
S435552		1.16	<10	<10	56	<10	68
S435553		0.08	<10	<10	2	<10	3
S435554		1.06	<10	<10	5	<10	74
S435555		0.78	<10	<10	3	<10	80
S435556		1.22	<10	<10	45	<10	91
S435557		0.90	<10	<10	3	<10	97
S435558		0.93	10	<10	5	<10	96
S435559		0.82	<10	<10	3	<10	72
S435560		0.38	10	<10	144	40	290
S435561		0.28	<10	<10	83	<10	29
S435562		0.92	<10	<10	118	<10	61
S435563		1.32	<10	<10	41	<10	60
S435564		1.81	<10	<10	130	<10	107
S435565		1.51	<10	<10	9	<10	109

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435566		0.63	0.598		<0.5	7.44	>10000	10	0.8	2	0.74	0.6	34	2	182	13.35
S435567		1.00	0.234		<0.5	7.19	>10000	10	0.8	8	3.01	0.5	39	2	70	13.55
S435568		0.77	0.039		<0.5	7.89	308	10	0.7	2	1.07	5.6	44	2	257	14.95
S435569		0.83	0.463		<0.5	6.55	>10000	20	0.7	5	2.03	0.8	44	3	46	12.70
S435570		1.12	0.013		<0.5	7.13	152	20	0.5	3	1.34	0.6	35	2	82	14.55
S435571		0.53	0.241		<0.5	6.76	66	20	0.6	<2	1.20	0.5	43	1	127	14.30
S435572		0.78	0.035		<0.5	7.69	4640	10	0.7	6	0.65	<0.5	40	2	311	16.95
S435573		0.99	0.200		<0.5	6.85	43	40	0.8	4	2.83	<0.5	37	1	42	14.25
S435574		0.61	<0.005		<0.5	8.28	24	340	0.8	<2	3.42	0.7	43	5	234	9.17
S435575		0.86	0.097		<0.5	7.11	14	270	0.8	3	3.35	<0.5	35	4	216	10.05
S435576		1.42	0.033		<0.5	5.31	5	400	1.1	2	5.15	0.6	10	42	3	9.71
S435577		0.83	0.020		<0.5	5.04	15	340	1.4	<2	4.68	0.5	8	33	2	10.00
S435578		0.58	<0.005		<0.5	4.66	8	400	0.8	<2	4.80	<0.5	1	30	2	3.69
S435579		0.88	0.005		0.5	7.87	69	60	<0.5	<2	4.20	1.0	77	256	520	10.45
S435580		0.63	<0.005		<0.5	7.81	<5	970	1.3	2	2.77	<0.5	20	116	33	5.46
S435581		0.88	<0.005		<0.5	2.30	<5	110	<0.5	2	0.42	0.8	9	25	365	22.8
S435582		0.73	0.017		<0.5	3.41	5	620	0.7	<2	0.20	<0.5	9	92	19	17.90
S435583		0.99	0.008		<0.5	3.74	<5	330	0.7	<2	0.58	<0.5	9	31	216	21.5
S435584		0.53	0.047		0.5	2.27	10	290	0.8	3	0.35	0.5	9	23	160	22.7
S435585		0.71	<0.005		<0.5	8.40	44	180	<0.5	<2	6.15	<0.5	40	131	151	6.92
S435586		0.76	<0.005		<0.5	0.95	16	50	<0.5	<2	0.12	<0.5	5	26	3	2.49
S435587		1.06	0.010		0.8	0.28	18	20	<0.5	<2	0.01	<0.5	1	36	288	3.41
S435588		0.58	<0.005		<0.5	9.31	210	210	0.9	<2	1.48	<0.5	73	192	2	11.30
S435589		1.00	<0.005		<0.5	8.29	<5	180	0.5	<2	5.31	0.6	60	107	181	8.79
S435590		0.96	<0.005		<0.5	8.36	6	150	0.5	<2	6.01	0.6	61	108	204	8.66
S435591		0.88	<0.005		<0.5	8.06	<5	250	<0.5	<2	6.57	0.5	88	247	296	7.81
S435592		0.91	<0.005		<0.5	8.43	<5	110	1.0	5	4.58	<0.5	19	17	61	5.41
S435593		0.77	<0.005		<0.5	6.47	<5	10	<0.5	2	7.27	0.5	53	4	145	10.90
S435594		1.00	<0.005		<0.5	7.49	<5	180	0.7	4	2.03	<0.5	57	40	591	6.33
S435595		0.81	<0.005		<0.5	4.63	<5	160	0.9	<2	1.22	<0.5	29	45	256	4.46
S435596		1.02	<0.005		<0.5	1.75	<5	10	<0.5	<2	1.91	<0.5	8	31	13	2.90
S435597		1.08	<0.005		<0.5	0.06	<5	10	<0.5	<2	0.34	<0.5	7	35	103	1.03
S435598		1.13	<0.005		<0.5	0.28	<5	10	<0.5	<2	0.16	<0.5	5	38	122	1.67
S435599		1.03	<0.005		<0.5	6.38	<5	820	0.7	2	0.53	<0.5	10	77	13	4.65
S435600		0.11	4.01	4.17	1.1	6.89	32	590	0.8	<2	2.43	1.1	16	63	144	5.20
S435601		1.26	<0.005		<0.5	4.13	<5	150	0.9	<2	0.40	<0.5	7	52	20	3.41
S435602		0.95	<0.005		<0.5	4.79	8	20	0.6	<2	0.57	<0.5	6	19	5	4.85
S435603		0.66	0.019		<0.5	6.55	55	370	2.0	<2	0.14	<0.5	36	65	199	10.25
S435604		1.17	<0.005		<0.5	7.24	<5	560	2.1	<2	0.75	<0.5	18	82	40	5.28
S435605		0.75	0.005		<0.5	7.65	23	20	<0.5	8	4.82	<0.5	56	106	144	9.99

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CERTIFICAT D'ANALYSE VO16116237

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435566		20	0.03	<10	1.09	1525	1	4.11	4	620	7	1.73	<5	36	36	<20
S435567		20	0.03	<10	1.90	2040	<1	2.92	3	70	2	1.77	<5	49	48	<20
S435568		20	0.03	<10	1.80	1795	1	3.34	7	550	144	2.77	<5	51	32	<20
S435569		20	0.04	<10	1.33	1855	1	3.21	5	220	132	2.00	5	40	51	<20
S435570		20	0.04	<10	1.88	2220	<1	2.40	4	480	4	1.49	<5	55	58	<20
S435571		20	0.06	<10	1.33	2030	1	2.86	4	510	7	2.18	<5	51	80	<20
S435572		20	0.02	<10	1.62	1985	<1	3.46	3	610	4	2.85	<5	57	45	<20
S435573		20	0.15	<10	1.43	2420	<1	2.53	3	480	<2	0.58	<5	50	93	<20
S435574		20	0.31	30	2.28	1525	<1	3.81	21	1610	21	0.69	<5	27	146	<20
S435575		20	0.43	30	2.40	1810	1	3.12	20	1600	7	0.81	<5	31	280	<20
S435576		20	2.06	30	2.27	2030	<1	0.06	16	290	11	1.31	<5	6	872	<20
S435577		20	2.21	30	2.63	2080	<1	0.13	16	340	31	0.17	<5	6	769	<20
S435578		10	0.71	20	0.31	471	<1	0.04	5	110	9	0.01	<5	3	912	<20
S435579		20	0.11	<10	5.81	1480	<1	1.35	245	200	5	2.00	<5	15	315	<20
S435580		20	1.61	20	1.85	654	<1	2.35	48	910	10	0.08	<5	20	529	<20
S435581		<10	0.16	10	1.77	4200	<1	1.53	14	1420	6	1.72	<5	3	98	<20
S435582		10	1.32	10	1.70	4290	<1	0.06	38	430	3	0.36	<5	14	19	<20
S435583		10	0.87	20	2.08	4130	<1	0.50	28	330	8	2.10	<5	5	62	<20
S435584		10	0.77	10	1.16	4830	<1	0.08	12	340	7	3.17	<5	3	20	<20
S435585		20	0.37	10	4.80	1285	<1	2.20	175	450	4	0.52	<5	19	384	<20
S435586		<10	0.29	<10	0.36	404	<1	0.06	14	<10	2	0.01	<5	2	17	<20
S435587		<10	0.07	<10	0.03	260	<1	0.04	5	40	7	0.67	<5	<1	4	<20
S435588		20	1.07	<10	3.28	1585	<1	3.61	455	250	4	0.01	<5	13	188	<20
S435589		20	0.39	10	3.95	1245	<1	2.05	142	480	6	0.91	5	22	351	<20
S435590		20	0.34	10	4.28	1420	<1	1.96	141	530	6	0.54	<5	23	396	<20
S435591		20	0.60	<10	4.82	1135	<1	1.98	295	260	6	1.00	<5	27	321	<20
S435592		20	0.40	10	1.77	961	<1	3.28	42	1970	4	0.43	<5	38	120	<20
S435593		20	0.06	<10	3.53	1410	<1	0.83	51	490	3	0.75	<5	51	266	<20
S435594		20	0.66	20	1.27	765	<1	3.33	30	1460	4	1.34	<5	16	184	<20
S435595		10	0.89	10	0.43	227	<1	2.11	34	120	5	2.19	<5	4	141	<20
S435596		10	0.03	<10	0.97	612	<1	0.07	9	20	2	0.04	<5	4	76	<20
S435597		<10	0.02	<10	0.02	114	<1	0.01	8	10	33	0.12	<5	<1	3	<20
S435598		<10	0.02	<10	0.16	182	<1	0.01	5	<10	<2	0.15	<5	<1	3	<20
S435599		10	1.65	20	1.47	797	<1	1.48	29	170	<2	0.07	<5	8	15	<20
S435600		20	1.08	10	1.52	854	6	2.19	42	740	49	0.14	<5	16	271	<20
S435601		10	0.33	10	0.58	975	<1	1.99	11	90	2	0.21	<5	4	74	<20
S435602		10	0.05	40	0.05	792	1	3.83	4	300	6	0.04	<5	6	93	<20
S435603		20	2.21	30	0.95	1885	2	0.83	53	290	25	4.61	<5	10	74	<20
S435604		20	2.49	30	1.06	780	<1	0.91	24	150	6	0.63	<5	12	80	<20
S435605		20	0.05	<10	4.12	1450	<1	2.08	95	440	2	0.01	<5	52	81	<20

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SUITE 220
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Finalisée date: 9- AOUT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16116237

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435566		2.07	<10	<10	68	<10	50
S435567		1.66	<10	<10	73	<10	86
S435568		1.90	<10	<10	100	<10	932
S435569		1.86	<10	<10	119	<10	95
S435570		1.73	<10	<10	13	<10	81
S435571		1.65	<10	<10	15	<10	72
S435572		1.97	<10	<10	68	<10	76
S435573		1.55	<10	<10	7	<10	73
S435574		1.25	<10	<10	282	<10	97
S435575		1.18	<10	<10	335	<10	87
S435576		0.19	<10	<10	34	<10	38
S435577		0.18	<10	<10	35	<10	51
S435578		0.09	<10	<10	36	<10	5
S435579		0.23	<10	<10	121	<10	78
S435580		0.55	<10	<10	178	<10	108
S435581		0.04	<10	<10	15	<10	127
S435582		0.07	<10	<10	78	<10	82
S435583		0.04	<10	<10	51	<10	66
S435584		0.03	<10	<10	31	<10	61
S435585		0.38	<10	<10	149	<10	71
S435586		0.01	<10	<10	17	<10	22
S435587		<0.01	<10	<10	6	<10	12
S435588		0.17	<10	<10	103	<10	174
S435589		0.53	10	<10	206	<10	81
S435590		0.50	<10	<10	187	<10	90
S435591		0.38	<10	<10	171	<10	76
S435592		1.22	<10	<10	233	<10	40
S435593		1.10	<10	<10	690	<10	49
S435594		0.53	<10	<10	101	<10	34
S435595		0.10	<10	<10	32	<10	10
S435596		0.02	<10	<10	84	<10	21
S435597		0.01	<10	<10	3	<10	9
S435598		<0.01	<10	<10	10	<10	10
S435599		0.25	<10	<10	63	<10	42
S435600		0.37	<10	<10	140	40	287
S435601		0.13	<10	<10	25	<10	87
S435602		0.12	<10	<10	<1	<10	20
S435603		0.11	<10	<10	64	<10	103
S435604		0.19	10	<10	94	<10	65
S435605		0.83	<10	<10	389	<10	88

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435606		1.15	0.015		<0.5	4.43	<5	20	<0.5	<2	4.69	<0.5	27	101	351	5.86
S435607		1.01	<0.005		<0.5	1.42	<5	<10	<0.5	<2	0.21	<0.5	8	38	3	2.85
S435608		0.84	<0.005		<0.5	7.42	<5	30	0.9	<2	3.99	0.5	50	97	184	9.58
S435609		1.29	<0.005		<0.5	2.43	<5	10	<0.5	<2	1.39	<0.5	17	85	28	3.61
S435610		0.88	0.109		3.5	0.79	<5	10	<0.5	<2	0.28	1.4	5	47	3640	1.96
S435611		0.77	0.041		0.8	0.22	6	<10	<0.5	<2	0.03	<0.5	3	34	278	1.04
S435612		0.82	<0.005		<0.5	0.52	<5	10	<0.5	<2	0.88	<0.5	2	43	167	1.02
S435613		0.92	0.037		0.6	4.83	138	40	<0.5	2	7.88	1.0	53	8	1225	8.91
S435614		1.00	<0.005		1.7	8.53	129	720	2.0	2	5.57	<0.5	40	142	7	5.21
S435615		1.08	0.005		0.5	8.15	103	30	<0.5	2	5.79	1.0	115	138	745	8.41
S435616		0.88	>10.0	19.25	0.9	0.29	<5	30	<0.5	<2	4.19	1.1	3	10	11	15.55
S435617		1.41	<0.005		<0.5	0.19	<5	10	<0.5	<2	7.93	1.0	<1	11	3	16.30
S435618		1.18	0.005		<0.5	7.49	<5	40	<0.5	4	7.17	0.8	49	151	143	9.41
S435619		1.12	0.010		<0.5	0.13	<5	<10	<0.5	<2	0.17	<0.5	<1	38	8	0.83
S435620		0.91	<0.005		<0.5	7.83	<5	1120	1.2	2	3.18	<0.5	23	114	52	5.92
S435621		0.93	<0.005		<0.5	7.67	<5	30	<0.5	<2	5.49	0.5	29	129	94	6.66
S435622		1.14	0.011		2.6	2.11	8	90	0.6	<2	0.18	<0.5	<1	82	90	1.61
S435623		1.17	0.005		<0.5	7.54	<5	10	<0.5	2	10.35	0.9	46	43	154	6.50

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S435606		10	0.09	<10	2.70	987	<1	0.93	51	230	<2	0.03	<5	27	41	<20
S435607		<10	0.01	<10	1.10	332	<1	0.10	19	40	3	<0.01	<5	7	4	<20
S435608		20	0.06	10	3.93	1775	<1	2.88	87	560	3	1.81	<5	43	87	<20
S435609		10	0.02	<10	1.37	569	<1	0.56	30	100	<2	0.01	<5	15	27	<20
S435610		<10	0.01	<10	0.17	113	<1	0.29	9	50	<2	0.53	<5	2	24	<20
S435611		<10	<0.01	<10	0.11	82	<1	0.04	4	50	<2	0.04	<5	<1	2	<20
S435612		<10	0.02	<10	0.08	172	<1	0.10	5	20	<2	0.03	<5	1	20	<20
S435613		10	0.36	<10	3.54	1605	<1	0.64	66	80	13	0.13	<5	34	121	<20
S435614		20	2.20	<10	3.29	1170	<1	2.55	282	310	8	0.01	<5	17	299	<20
S435615		20	0.03	<10	4.70	956	<1	1.90	683	330	6	1.48	<5	13	576	<20
S435616		<10	0.10	<10	1.28	7500	<1	0.01	5	230	6	0.23	<5	<1	68	<20
S435617		<10	0.06	10	4.33	4460	<1	0.01	3	390	6	0.37	<5	<1	95	<20
S435618		20	0.11	<10	3.87	1450	<1	1.69	109	400	2	0.47	<5	46	111	<20
S435619		<10	<0.01	<10	0.02	93	<1	0.07	1	70	<2	0.03	<5	1	4	<20
S435620		20	1.76	20	2.16	675	1	2.32	59	1730	16	0.13	<5	17	585	<20
S435621		20	0.14	<10	3.88	1315	<1	1.91	72	520	5	0.83	<5	32	136	<20
S435622		10	1.04	<10	0.15	99	50	0.06	6	110	31	0.06	<5	4	32	<20
S435623		20	0.01	<10	5.03	1225	<1	0.05	102	120	8	0.15	6	42	105	<20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435606		0.44	<10	10	212	<10	34
S435607		0.04	<10	<10	64	90	22
S435608		0.94	<10	<10	421	<10	107
S435609		0.25	<10	<10	127	<10	33
S435610		0.05	<10	<10	20	<10	31
S435611		<0.01	<10	<10	8	<10	12
S435612		0.02	<10	<10	19	<10	7
S435613		0.46	<10	<10	715	10	61
S435614		0.17	<10	<10	134	<10	67
S435615		0.27	<10	<10	120	<10	69
S435616		0.01	<10	<10	15	<10	22
S435617		0.01	<10	<10	13	<10	14
S435618		0.74	<10	<10	374	<10	88
S435619		0.02	<10	<10	4	<10	3
S435620		0.58	<10	<10	168	<10	119
S435621		0.44	<10	<10	281	<10	92
S435622		0.09	<10	10	519	<10	131
S435623		0.29	10	<10	228	<10	68

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 9- AOUT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16116237

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:
ME- ICP61

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CERTIFICAT VO16116240

Projet: WILLBOB

Ce rapport s'applique aux 95 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 18- JUIL- 2016.

Les résultats sont transmis à:

ROBERT BANVILLE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICAT D'ANALYSE VO16116240

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S434501		1.13	<0.005		<0.5	7.34	<5	1010	1.3	<2	2.75	1.0	19	106	28	4.90
S434502		1.66	<0.005		<0.5	9.40	27	630	2.7	<2	0.10	<0.5	7	52	32	3.48
S434503		1.57	<0.005		<0.5	8.81	19	750	2.8	<2	0.07	<0.5	5	55	19	4.81
S434504		1.40	0.005		<0.5	8.99	28	560	2.5	<2	0.11	<0.5	9	50	42	3.60
S434505		1.20	<0.005		<0.5	7.52	21	640	2.3	<2	0.40	<0.5	6	52	20	3.20
S434506		1.22	0.008		<0.5	9.88	31	1050	3.4	<2	0.04	<0.5	4	62	20	4.36
S434507		Not Recvd														
S434508		1.44	0.006		<0.5	8.20	21	650	2.3	<2	0.04	<0.5	8	54	29	5.20
S434509		1.70	<0.005		<0.5	9.60	91	750	2.8	<2	0.05	<0.5	12	62	60	4.40
S434510		1.40	0.005		<0.5	9.87	33	920	3.2	<2	0.05	<0.5	8	66	32	4.67
S434511		1.51	<0.005		<0.5	8.28	38	790	2.3	<2	0.07	<0.5	14	53	39	4.20
S434512		1.57	<0.005		<0.5	8.78	13	860	2.4	<2	0.10	<0.5	12	54	47	3.77
S434513		1.63	<0.005		<0.5	8.92	97	890	2.4	<2	0.08	<0.5	14	54	43	4.45
S434514		1.90	<0.005		<0.5	9.83	16	1010	2.6	<2	0.04	<0.5	5	60	17	3.34
S434515		1.25	<0.005		<0.5	8.58	218	890	2.2	<2	0.04	<0.5	12	51	37	4.38
S434516		1.30	<0.005		<0.5	9.57	30	1020	2.7	<2	0.07	<0.5	8	55	34	3.65
S434517		1.63	0.007		<0.5	8.89	14	760	2.3	<2	0.40	<0.5	6	83	29	3.41
S434518		1.55	0.009		<0.5	7.39	11	300	1.4	<2	0.35	<0.5	8	51	30	3.47
S434519		1.95	0.007		<0.5	9.45	12	590	2.2	<2	0.10	<0.5	11	58	29	4.90
S434520		1.83	<0.005		<0.5	8.56	19	750	2.7	<2	0.10	<0.5	9	53	41	4.71
S434521		1.82	0.007		<0.5	7.12	11	530	2.0	<2	0.07	<0.5	5	50	29	3.61
S434522		1.32	<0.005		<0.5	8.89	42	750	2.4	<2	0.03	<0.5	8	59	45	4.64
S434523		1.47	<0.005		<0.5	9.26	37	780	2.7	<2	0.06	<0.5	10	58	47	3.94
S434524		1.68	0.038		<0.5	8.37	641	790	2.7	<2	0.20	<0.5	13	53	50	4.45
S434525		1.95	0.125		<0.5	7.42	508	770	2.8	<2	0.14	<0.5	13	55	96	3.78
S434526		1.72	0.005		<0.5	7.93	17	850	3.0	<2	0.06	<0.5	8	67	50	3.50
S434527		0.11	4.04	4.21	0.7	6.94	29	600	0.8	<2	2.50	0.8	18	64	148	5.26
S434528		1.93	<0.005		<0.5	7.68	11	590	2.3	<2	0.06	<0.5	8	42	93	3.31
S434529		1.79	<0.005		<0.5	9.80	20	850	3.2	<2	0.09	<0.5	10	63	28	6.68
S434530		1.93	0.057		0.8	7.41	8	320	1.5	<2	0.11	<0.5	3	35	26	3.77
S434531		1.68	<0.005		<0.5	8.13	7	660	2.4	<2	0.15	<0.5	2	55	10	2.95
S434532		1.41	0.006		<0.5	3.61	8	180	0.8	<2	0.05	<0.5	5	43	22	2.02
S434533		0.81	<0.005		<0.5	2.25	5	90	0.5	<2	0.03	<0.5	3	39	7	2.36
S435278		0.80	<0.005		<0.5	8.37	12	10	<0.5	<2	1.67	<0.5	43	5	137	13.25
S435279		0.87	0.117		<0.5	5.37	5210	30	0.6	<2	2.95	<0.5	21	5	77	10.90
S435280		0.11	3.85	3.93	0.6	6.88	36	590	0.8	<2	2.46	0.9	18	62	146	5.17
S435281		1.09	0.848		<0.5	7.82	>10000	20	2.1	<2	1.37	<0.5	39	1	90	16.85
S435282		0.96	0.029		<0.5	5.38	5240	20	1.4	<2	6.20	<0.5	5	8	5	3.44
S435283		0.85	0.188		<0.5	5.56	363	20	1.4	<2	1.04	<0.5	28	5	93	11.75
S435284		1.03	0.078		<0.5	5.58	>10000	10	1.7	<2	0.82	<0.5	20	4	104	12.90

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Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16116240

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S434501		20	1.51	20	1.77	515	<1	2.39	48	960	45	0.08	<5	13	606	<20
S434502		20	2.29	40	0.82	611	<1	4.09	17	180	5	0.15	<5	10	142	20
S434503		20	2.92	40	1.27	468	1	1.69	13	290	3	0.07	<5	11	97	20
S434504		20	2.13	30	0.86	471	1	4.01	17	290	9	0.30	<5	9	121	20
S434505		20	2.53	30	0.85	624	<1	1.74	15	160	23	0.16	<5	9	80	<20
S434506		30	4.49	40	1.16	398	<1	0.62	12	260	6	0.12	<5	12	51	20
S434507																
S434508		20	2.72	40	1.29	492	<1	1.22	17	200	15	0.28	<5	10	48	<20
S434509		20	3.11	40	1.22	365	<1	2.50	27	240	7	0.38	<5	12	60	20
S434510		30	3.77	30	1.31	349	1	1.93	16	230	9	0.27	<5	12	51	20
S434511		20	3.27	40	1.23	395	1	1.16	34	210	21	0.55	<5	10	39	<20
S434512		20	3.65	40	0.98	279	1	1.60	28	220	13	0.67	<5	11	50	20
S434513		20	3.74	40	1.04	272	2	1.31	28	220	20	0.89	5	11	45	20
S434514		20	4.18	50	0.97	330	1	1.61	18	260	8	0.20	<5	13	52	20
S434515		20	3.71	40	0.97	240	3	1.12	21	230	21	0.74	<5	10	50	<20
S434516		30	4.12	30	0.93	278	2	1.86	19	260	19	0.48	<5	11	63	20
S434517		20	2.94	30	1.02	223	2	2.59	16	220	21	0.29	<5	11	79	20
S434518		10	1.09	30	0.71	981	1	3.87	21	270	9	0.33	<5	6	269	20
S434519		20	2.39	40	1.18	535	1	3.24	26	280	6	0.32	<5	11	80	20
S434520		20	2.96	30	1.16	567	1	1.69	16	180	33	0.24	<5	10	104	20
S434521		20	2.09	30	0.74	522	1	2.11	8	170	14	0.10	<5	7	106	<20
S434522		20	3.09	30	1.11	353	1	1.82	19	200	20	0.28	<5	11	52	20
S434523		20	3.20	40	1.07	324	1	2.36	25	220	17	0.39	<5	11	58	20
S434524		20	2.95	30	1.15	568	3	1.71	32	200	20	0.57	<5	9	81	<20
S434525		20	2.77	40	0.69	460	4	1.64	37	210	87	1.17	<5	9	75	20
S434526		20	3.09	40	0.75	312	3	1.50	19	180	57	0.37	<5	11	62	20
S434527		20	1.10	10	1.54	874	8	2.20	43	760	46	0.14	<5	16	271	<20
S434528		20	2.09	40	0.64	263	4	2.91	40	190	80	0.80	<5	8	86	<20
S434529		30	3.13	30	1.79	794	2	1.78	25	370	13	0.25	<5	12	77	<20
S434530		10	1.11	20	0.85	587	2	3.72	10	290	202	0.16	<5	6	163	<20
S434531		20	2.45	20	0.86	344	2	2.67	8	230	50	0.04	<5	10	101	<20
S434532		10	0.67	10	0.43	316	2	1.45	6	190	34	0.10	<5	3	65	<20
S434533		10	0.36	10	0.55	333	1	0.60	6	110	77	0.05	<5	2	31	<20
S435278		20	0.04	<10	2.17	1390	<1	3.50	<1	430	38	0.61	<5	48	25	<20
S435279		20	0.11	<10	0.83	1635	<1	2.41	<1	1480	54	1.28	<5	25	32	<20
S435280		20	1.09	10	1.51	860	7	2.18	41	740	49	0.14	<5	16	268	<20
S435281		20	0.04	10	1.42	2360	1	3.30	<1	3530	9	2.71	<5	54	41	<20
S435282		10	0.06	<10	0.29	1135	1	3.81	<1	870	6	0.34	<5	16	87	<20
S435283		10	0.05	<10	0.85	1655	1	2.66	<1	2030	9	2.63	<5	31	43	<20
S435284		10	0.04	<10	0.96	1605	<1	2.61	<1	1920	10	1.86	<5	34	40	<20

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CERTIFICAT D'ANALYSE VO16116240

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S434501		0.50	<10	<10	141	<10	155
S434502		0.27	<10	<10	60	<10	59
S434503		0.23	<10	<10	66	<10	86
S434504		0.25	<10	<10	58	<10	59
S434505		0.19	<10	<10	52	<10	59
S434506		0.25	<10	<10	75	<10	72
S434507							
S434508		0.19	<10	<10	64	<10	88
S434509		0.28	<10	<10	84	<10	83
S434510		0.26	<10	<10	81	<10	81
S434511		0.20	<10	<10	67	<10	99
S434512		0.22	<10	<10	74	<10	74
S434513		0.21	10	<10	77	<10	81
S434514		0.24	<10	<10	68	<10	65
S434515		0.17	<10	<10	71	<10	64
S434516		0.21	<10	<10	81	<10	60
S434517		0.19	<10	<10	67	<10	55
S434518		0.16	<10	<10	38	<10	61
S434519		0.23	<10	<10	65	<10	89
S434520		0.18	10	<10	66	<10	88
S434521		0.16	<10	<10	46	<10	53
S434522		0.21	<10	<10	72	<10	73
S434523		0.23	<10	<10	72	<10	74
S434524		0.15	<10	<10	69	<10	85
S434525		0.15	<10	<10	58	<10	55
S434526		0.18	<10	<10	72	<10	44
S434527		0.38	<10	<10	144	40	295
S434528		0.14	<10	<10	50	<10	44
S434529		0.15	<10	<10	84	<10	123
S434530		0.10	<10	<10	39	<10	68
S434531		0.12	<10	<10	65	<10	55
S434532		0.09	<10	<10	22	<10	32
S434533		0.07	<10	<10	17	<10	41
S435278		1.66	<10	<10	290	<10	137
S435279		0.58	<10	<10	40	<10	88
S435280		0.37	10	<10	142	40	290
S435281		1.30	<10	<10	111	<10	101
S435282		0.34	<10	<10	20	<10	21
S435283		0.73	<10	<10	24	<10	61
S435284		0.71	<10	<10	58	<10	61

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435285		0.98	0.009		<0.5	6.32	86	10	0.9	<2	1.43	<0.5	3	17	9	2.11
S435286		0.77	<0.005		<0.5	7.60	25	1330	1.2	<2	2.50	<0.5	24	102	61	5.92
S435287		1.00	0.242		<0.5	5.81	114	140	0.7	<2	2.44	0.5	34	1	42	16.85
S435288		0.65	0.416		<0.5	6.40	4910	30	0.6	<2	2.93	<0.5	20	1	237	14.00
S435289		0.73	0.028		<0.5	6.55	55	20	0.6	<2	1.58	<0.5	38	5	284	15.95
S435290		0.89	2.11		<0.5	5.66	298	110	0.6	<2	2.26	<0.5	35	1	106	16.85
S435291		0.78	0.055		<0.5	6.76	3840	20	0.8	<2	1.52	<0.5	12	7	184	6.75
S435292		0.89	0.128		<0.5	7.88	7740	10	0.7	4	2.54	<0.5	36	3	144	12.50
S435293		0.84	0.029		<0.5	5.36	88	190	0.7	<2	1.72	<0.5	40	<1	18	18.25
S435294		0.87	>10.0	12.15	0.5	5.87	621	90	<0.5	3	1.64	<0.5	34	<1	134	21.8
S435295		0.71	0.049		<0.5	7.32	15	1610	1.0	<2	2.34	<0.5	16	77	36	4.54
S435296		0.86	1.655		<0.5	0.22	>10000	10	<0.5	<2	0.47	<0.5	12	39	2	2.84
S435297		0.79	0.390		<0.5	0.05	>10000	<10	<0.5	<2	1.94	<0.5	5	32	2	1.17
S435298		0.83	1.040		<0.5	0.21	>10000	10	<0.5	<2	0.76	<0.5	3	41	2	2.04
S435299		0.57	6.91	7.34	1.0	0.10	>10000	20	<0.5	<2	0.08	<0.5	10	34	5	4.26
S435300		0.10	4.02	NSS	0.7	6.92	78	600	0.8	<2	2.47	0.9	16	62	150	5.18
S435386		0.98	0.102		0.5	0.84	142	10	<0.5	4	0.08	<0.5	1335	12	3180	26.2
S435387		0.68	0.005		<0.5	2.81	29	10	<0.5	<2	1.34	<0.5	36	27	66	6.55
S435388		0.95	0.008		<0.5	6.06	53	10	<0.5	<2	4.33	0.6	65	7	306	12.55
S435389		0.91	0.013		<0.5	2.25	47	40	<0.5	<2	2.47	0.5	27	14	405	6.35
S435390		0.82	0.027		<0.5	5.95	111	80	<0.5	2	8.01	0.7	68	3	95	10.35
S435391		0.72	0.029		0.6	3.57	33	30	<0.5	<2	1.52	<0.5	36	17	755	8.23
S435392		0.85	0.026		<0.5	5.62	48	240	<0.5	<2	6.88	0.7	56	3	874	11.55
S435393		0.42	0.059		<0.5	1.98	45	90	<0.5	<2	0.51	0.5	48	21	528	5.02
S435394		0.56	0.021		<0.5	1.69	381	50	<0.5	<2	0.10	<0.5	98	30	170	9.45
S435395		0.80	0.045		<0.5	1.89	526	<10	0.8	4	32.8	0.5	4	3	5	4.16
S435396		1.02	0.036		<0.5	5.92	130	200	<0.5	<2	6.29	0.7	58	4	73	12.35
S435397		1.09	2.42		<0.5	0.33	307	20	<0.5	<2	0.02	<0.5	30	37	97	4.94
S435398		0.77	0.006		<0.5	7.03	47	30	<0.5	<2	5.27	0.6	70	22	199	9.12
S435399		0.89	0.008		<0.5	6.94	66	30	<0.5	<2	4.59	0.6	63	9	371	10.35
S435400		0.70	0.006		<0.5	8.56	11	580	2.2	<2	0.31	<0.5	42	94	220	6.83
S435651		0.96	<0.005		<0.5	7.46	<5	960	1.3	<2	2.73	<0.5	22	100	42	5.79
S435652		0.67	0.005		<0.5	1.57	24	40	<0.5	<2	0.50	<0.5	6	48	21	3.14
S435653		0.74	0.127		<0.5	7.34	2330	180	0.8	3	0.69	<0.5	158	217	395	13.15
S435654		0.79	<0.005		<0.5	8.53	5	840	1.8	<2	0.35	<0.5	20	78	91	5.56
S435655		0.89	0.006		<0.5	8.00	14	850	1.7	<2	0.30	1.1	17	71	81	4.32
S435656		0.87	0.069		<0.5	5.53	58	130	1.7	2	0.82	<0.5	45	57	153	13.75
S435657		0.93	<0.005		<0.5	0.13	<5	<10	<0.5	<2	0.41	<0.5	10	32	82	0.61
S435658		0.87	<0.005		<0.5	0.06	<5	10	<0.5	<2	0.42	0.9	19	51	591	1.21
S435659		1.16	0.020		<0.5	5.19	<5	<10	<0.5	<2	5.46	<0.5	10	28	232	3.51

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CERTIFICAT D'ANALYSE VO16116240

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435285		10	0.05	<10	0.21	894	<1	4.93	<1	310	9	0.03	<5	12	33	<20
S435286		20	2.11	40	2.01	692	2	2.16	56	990	21	0.12	<5	20	428	<20
S435287		20	0.54	10	1.03	3010	<1	2.57	<1	4170	3	0.38	<5	37	72	<20
S435288		10	0.15	10	0.89	1815	<1	3.30	<1	4690	<2	2.60	<5	47	48	<20
S435289		20	0.06	10	0.98	1625	<1	2.99	2	4840	12	5.15	<5	40	25	<20
S435290		20	0.43	10	1.07	2840	<1	2.27	<1	3800	3	1.50	7	35	49	<20
S435291		10	0.05	<10	0.35	571	<1	4.71	<1	1600	10	2.99	5	16	40	<20
S435292		20	0.04	10	1.20	1445	<1	4.09	1	4980	<2	2.28	5	40	45	<20
S435293		10	0.80	10	1.09	3700	<1	1.65	<1	3580	10	0.09	<5	27	61	<20
S435294		20	0.29	10	1.27	3030	<1	1.24	<1	4320	4	1.48	<5	34	25	<20
S435295		20	2.26	20	1.57	517	<1	2.20	42	930	16	0.09	5	14	529	<20
S435296		<10	0.01	<10	0.02	109	1	0.15	2	10	8	1.46	5	1	5	<20
S435297		<10	0.01	<10	0.01	178	<1	0.03	1	10	3	0.51	<5	1	7	<20
S435298		<10	0.01	<10	0.05	145	1	0.10	1	<10	5	0.90	5	2	5	<20
S435299		<10	0.02	<10	0.01	91	2	0.06	1	10	13	2.09	8	1	2	<20
S435300		20	1.10	10	1.49	856	7	2.20	42	750	47	0.16	10	16	276	<20
S435386		<10	0.02	<10	0.39	275	<1	0.02	72	<10	3	>10.0	<5	1	1	<20
S435387		10	0.03	<10	1.25	978	<1	0.48	2	120	3	0.23	<5	20	18	<20
S435388		20	0.01	<10	3.70	1650	<1	0.54	43	160	<2	0.11	<5	51	28	<20
S435389		10	0.37	<10	1.07	853	<1	0.29	14	50	4	0.36	<5	24	39	<20
S435390		20	1.08	<10	3.16	1830	<1	1.04	25	130	2	0.92	<5	44	137	<20
S435391		10	0.30	20	1.57	1270	<1	0.12	28	60	4	0.12	<5	27	25	<20
S435392		20	2.03	<10	2.71	1630	<1	0.51	39	110	4	0.58	<5	48	79	<20
S435393		<10	0.36	<10	0.52	756	<1	0.41	17	20	11	1.06	<5	18	9	<20
S435394		10	0.27	<10	0.29	416	<1	0.52	35	40	14	4.71	<5	15	9	<20
S435395		10	0.02	<10	1.29	3340	<1	0.03	12	<10	2	0.02	<5	46	530	<20
S435396		20	2.33	<10	3.03	1620	<1	0.43	41	130	5	0.54	<5	51	83	<20
S435397		<10	0.14	<10	0.02	81	<1	0.03	32	20	9	3.69	<5	2	3	<20
S435398		20	0.11	<10	3.80	1555	<1	2.31	52	320	2	0.72	6	47	220	<20
S435399		20	0.12	<10	3.22	1865	<1	1.86	37	360	<2	0.19	<5	45	93	<20
S435400		20	2.58	20	1.29	1555	4	2.55	72	360	<2	1.84	<5	11	60	<20
S435651		20	1.62	30	2.03	583	<1	2.23	57	840	11	0.10	<5	19	511	<20
S435652		10	0.13	<10	0.59	1100	1	0.32	17	110	9	0.09	<5	2	17	<20
S435653		20	0.62	<10	1.93	1210	<1	2.77	292	730	5	3.53	<5	27	43	<20
S435654		20	3.55	20	1.18	1180	<1	1.80	32	280	6	1.62	<5	11	103	<20
S435655		20	3.37	20	1.00	813	2	1.74	39	230	48	1.17	<5	11	89	<20
S435656		20	1.76	40	0.95	2320	1	0.52	42	3450	127	7.62	<5	10	70	<20
S435657		<10	0.01	<10	0.08	96	<1	0.02	14	10	3	0.20	<5	1	5	<20
S435658		<10	0.04	<10	0.01	115	<1	0.01	48	<10	10	0.40	<5	<1	1	<20
S435659		30	0.01	<10	0.45	491	<1	0.01	5	50	6	0.21	<5	16	326	<20

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Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16116240

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435285		1.16	<10	<10	5	<10	35
S435286		0.54	<10	<10	151	<10	115
S435287		1.19	<10	<10	2	<10	72
S435288		1.39	<10	<10	37	<10	63
S435289		1.40	<10	<10	58	<10	56
S435290		1.05	10	<10	7	<10	67
S435291		0.62	<10	<10	36	<10	23
S435292		1.44	<10	<10	108	<10	63
S435293		0.91	<10	<10	3	<10	93
S435294		1.17	<10	<10	20	<10	79
S435295		0.43	<10	<10	122	<10	96
S435296		0.06	<10	<10	2	<10	<2
S435297		<0.01	<10	<10	1	<10	<2
S435298		0.06	<10	<10	8	<10	2
S435299		0.02	<10	<10	1	<10	<2
S435300		0.37	<10	<10	144	40	291
S435386		0.01	<10	<10	74	<10	19
S435387		0.47	<10	<10	321	<10	56
S435388		0.88	<10	<10	982	<10	112
S435389		0.21	<10	<10	344	<10	38
S435390		0.59	<10	<10	774	10	35
S435391		0.17	<10	<10	493	<10	84
S435392		0.51	<10	<10	877	10	52
S435393		0.28	<10	<10	347	10	38
S435394		0.17	10	<10	361	<10	25
S435395		0.02	10	<10	94	<10	32
S435396		0.59	<10	<10	1050	20	39
S435397		<0.01	<10	<10	60	<10	13
S435398		0.72	10	<10	483	<10	50
S435399		0.85	<10	<10	566	<10	61
S435400		0.33	10	<10	150	<10	73
S435651		0.57	<10	<10	149	<10	117
S435652		0.03	<10	<10	19	<10	44
S435653		0.62	10	<10	315	<10	67
S435654		0.33	<10	<10	89	<10	81
S435655		0.31	<10	<10	131	<10	150
S435656		0.08	<10	<10	58	<10	73
S435657		0.01	<10	<10	7	<10	4
S435658		<0.01	<10	<10	1	<10	33
S435659		0.06	<10	<10	258	<10	18

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435660		0.88	0.005		<0.5	5.63	9	10	<0.5	<2	0.33	<0.5	38	15	223	11.35
S435661		0.73	<0.005		<0.5	6.91	<5	20	<0.5	4	4.81	<0.5	115	48	723	8.63
S435662		0.68	0.035		<0.5	0.55	<5	<10	<0.5	<2	2.65	<0.5	3	33	73	0.84
S435663		0.74	<0.005		<0.5	3.48	6	80	<0.5	<2	1.31	<0.5	11	134	3	1.87
S435664		0.86	0.043		1.3	2.80	6	80	<0.5	<2	0.84	0.7	3	30	1590	0.83
S435665		0.81	<0.005		<0.5	0.21	<5	10	<0.5	<2	0.11	<0.5	22	43	66	2.34
S435666		0.92	0.005		<0.5	4.59	<5	110	<0.5	5	2.97	3.5	43	105	154	10.00
S435667		0.97	0.053		0.9	3.70	6	10	<0.5	2	3.88	0.7	28	91	1645	5.42
S435668		1.11	<0.005		<0.5	2.15	<5	20	<0.5	3	1.38	<0.5	8	59	149	2.36
S435669		1.13	0.006		<0.5	7.48	<5	60	<0.5	4	6.01	0.6	23	143	95	9.57
S435670		0.70	0.010		<0.5	8.59	<5	140	<0.5	5	5.44	0.5	44	168	323	9.22
S435671		0.90	<0.005		<0.5	0.14	5	10	<0.5	<2	0.12	<0.5	2	43	33	0.56
S435672		1.05	0.006		0.6	7.97	184	460	2.3	4	1.41	<0.5	21	89	52	4.15
S435673		0.79	<0.005		<0.5	3.71	5	230	0.7	<2	0.56	<0.5	<1	58	17	1.64
S435674		0.87	0.005		<0.5	9.34	43	560	2.0	4	0.57	<0.5	14	61	14	4.28

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S435660		10	0.02	<10	4.23	2120	<1	0.01	31	60	<2	0.09	<5	13	7	<20
S435661		20	0.05	<10	3.32	928	1	2.88	128	600	2	2.01	<5	33	81	<20
S435662		<10	0.01	<10	0.33	289	<1	0.13	7	40	<2	0.01	<5	5	9	<20
S435663		10	0.84	<10	1.53	326	<1	0.26	53	110	<2	0.01	<5	10	16	<20
S435664		<10	0.14	<10	0.12	72	<1	1.36	6	120	<2	0.17	<5	<1	137	<20
S435665		<10	0.01	<10	0.03	47	<1	0.09	42	10	2	1.14	<5	<1	6	<20
S435666		10	0.16	<10	2.69	798	1	1.45	104	150	8	4.79	<5	30	76	<20
S435667		10	0.03	<10	2.21	823	<1	0.69	51	190	<2	0.22	<5	22	53	<20
S435668		10	0.06	<10	0.81	289	<1	0.66	14	50	3	0.31	<5	12	51	<20
S435669		20	0.13	<10	3.85	1270	<1	1.92	42	530	3	0.43	<5	78	114	<20
S435670		20	0.70	<10	5.46	1120	<1	1.23	93	320	5	3.10	<5	85	111	<20
S435671		<10	0.04	<10	0.04	97	<1	0.01	7	10	<2	0.15	<5	1	2	<20
S435672		20	2.34	10	1.51	2120	4	1.98	19	870	32	0.34	<5	16	194	<20
S435673		10	0.86	10	0.80	165	1	1.54	4	240	6	0.13	<5	9	83	<20
S435674		30	3.48	50	0.69	458	1	0.93	41	460	20	0.06	5	12	110	20

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S435660		0.12	<10	<10	130	<10	102
S435661		0.81	<10	<10	339	<10	50
S435662		0.09	<10	<10	30	<10	8
S435663		0.09	<10	<10	72	<10	24
S435664		0.01	<10	<10	9	<10	26
S435665		0.01	<10	<10	3	<10	8
S435666		0.48	<10	<10	241	<10	256
S435667		0.37	10	<10	180	<10	60
S435668		0.09	<10	<10	72	<10	25
S435669		0.75	<10	<10	581	<10	141
S435670		0.37	10	<10	551	<10	106
S435671		0.01	<10	<10	4	<10	3
S435672		0.36	<10	<10	125	<10	138
S435673		0.14	<10	<10	70	<10	68
S435674		0.18	<10	<10	70	<10	100

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CERTIFICAT D'ANALYSE VO16116240

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.

Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 5- AOUT- 2016
Compte: MIDEXP

CERTIFICAT VO16118439

Projet: WILLBOB

Ce rapport s'applique aux 104 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 7- JUIL- 2016.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	VARIABLE
Au- AA23	Au 30 g fini FA- AA	AAS
ME- MS61	ICP- MS 48 éléments, quatre acides	
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICAT D'ANALYSE VO16118439

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	Au- GRA21 Au ppm 0.05	ME- ICP61 Cu ppm 1	ME- ICP61 Ni ppm 1	Cu- OG62 Cu % 0.001	Au- AA23 Au ppm 0.005	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01
S435082		0.91					4	<1		<0.005						
S435083		0.67					9	<1		<0.005						
S435084		0.61					12	<1		0.012						
S435085		0.78					13	<1		0.008						
S435086		0.92					22	<1		<0.005						
S435087		0.84					1	<1		<0.005						
S435088		1.13					296	54		<0.005						
S435089		1.09					159	3		0.005						
S435090		0.99					107	<1		0.008						
S435091		1.04					73	1		0.078						
S435092		0.81					3	2		<0.005						
S435093		1.28					24	<1		0.029						
S435094		0.61					28	<1		0.005						
S435095		0.56				59.6	6	3		>10.0						
S435096		0.47					49	12		0.034						
S435097		0.69					121	33		0.009						
S435098		0.80					100	74		0.019						
S435099		0.70					20	20		<0.005						
S435100		0.10					143	38		4.01						
S435401		0.53					34	17		<0.005						
S435402		0.71					2	1		3.95						
S435403		0.76					1500	35		0.075						
S435404		0.96					34	12		0.032						
S435405		0.87					204	134		0.026						
S435406		0.70					4	1		0.011						
S435407		0.95					2	<1		0.051						
S435408		0.84					1	<1		0.005						
S435409		0.79					<1	<1		<0.005						
S435410		0.90					75	5		<0.005						
S435411		0.63					>10000	143	0.994	0.295						
S435412		0.89					248	109		<0.005						
S435413		0.80					43	17		<0.005						
S435414		1.45					39	16		<0.005						
S435415		0.94					8	15		<0.005						
S435416		0.90					525	131		<0.005						
S435417		1.15					246	41		<0.005						
S435418		1.09					37	17		<0.005						
S435419		1.03					278	37		0.005						
S435420		0.81					48	50		<0.005						
S435421		0.91					30	23		<0.005						

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Description échantillon	Méthode élément unités L.D.	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2
S435082 S435083 S435084 S435085 S435086																
S435087 S435088 S435089 S435090 S435091																
S435092 S435093 S435094 S435095 S435096																
S435097 S435098 S435099 S435100 S435401																
S435402 S435403 S435404 S435405 S435406																
S435407 S435408 S435409 S435410 S435411																
S435412 S435413 S435414 S435415 S435416																
S435417 S435418 S435419 S435420 S435421																

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S435082																
S435083																
S435084																
S435085																
S435086																
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S435082													
S435083													
S435084													
S435085													
S435086													
S435087													
S435088													
S435089													
S435090													
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S435422		1.19					71	13		<0.005						
S435423		1.09					25	30		<0.005						
S435424		0.83					13	14		<0.005						
S435425		0.88					24	10		0.008						
S435426		0.84					13	14		<0.005						
S435427		1.01					13	7		<0.005						
S435428		0.85					15	6		<0.005						
S435429		0.86					23	10		0.034						
S435430		0.80					6	6		<0.005						
S435431		1.24					78	19		<0.005						
S435432		1.05					25	12		<0.005						
S435433		1.10					38	9		<0.005						
S435434		1.12					16	13		0.093						
S435435		0.86					34	15		<0.005						
S435436		0.89					16	6		<0.005						
S435437		0.92					26	9		1.735						
S435438		0.90					23	12		<0.005						
S435439		1.01					15	14		<0.005						
S435440		0.11					141	38		4.06						
S435441		1.06					36	27		0.023						
S435442		0.92					181	96		0.043						
S435443		0.95					55	25		0.480						
S435444		0.94					185	11		<0.005						
S435445		1.19					18	6		<0.005						
S435446		0.92					54	5		<0.005						
S435447		0.61					3	2		<0.005						
S435448		1.17					4	2		<0.005						
S435449		1.22					5	4		0.006						
S435450		1.04					42	25		<0.005						
S435451		0.61					>10000	31	1.675	0.933						
S435452		0.60					7190	41		0.018						
S435453		0.83					123	98		<0.005						
S435454		0.89					320	144		<0.005						
S435455		0.62					9	25		<0.005						
S435456		0.52					210	171		<0.005						
S435457		0.91	0.004	<0.005	<0.001		190	29		<0.005	0.03	5.86	<0.2	10	0.30	1.33
S435458		0.95					69	78		<0.005						
S435459		1.16					32	20		<0.005						
S435460		0.11					141	37		4.10						
S435461		0.96					136	74		<0.005						

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S435422																
S435423																
S435424																
S435425																
S435426																
S435427																
S435428																
S435429																
S435430																
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S435449																
S435450																
S435451																
S435452																
S435453																
S435454																
S435455																
S435456																
S435457		4.16	0.06	10.35	37.5	25	0.08	202	11.15	17.10	0.10	0.8	0.047	0.04	3.6	6.2
S435458																
S435459																
S435460																
S435461																

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S435422 S435423 S435424 S435425 S435426																
S435427 S435428 S435429 S435430 S435431																
S435432 S435433 S435434 S435435 S435436																
S435437 S435438 S435439 S435440 S435441																
S435442 S435443 S435444 S435445 S435446																
S435447 S435448 S435449 S435450 S435451																
S435452 S435453 S435454 S435455 S435456																
S435457 S435458 S435459 S435460 S435461		3.23	1500	0.59	1.15	4.1	33.3	440	0.7	0.6	0.003	0.35	0.29	44.2	4	0.4

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S435422 S435423 S435424 S435425 S435426													
S435427 S435428 S435429 S435430 S435431													
S435432 S435433 S435434 S435435 S435436													
S435437 S435438 S435439 S435440 S435441													
S435442 S435443 S435444 S435445 S435446													
S435447 S435448 S435449 S435450 S435451													
S435452 S435453 S435454 S435455 S435456													
S435457 S435458 S435459 S435460 S435461		54.8	0.27	0.68	0.27	0.750	<0.02	0.2	357	0.2	22.5	92	25.6

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S435462		0.65					880	130		0.009						
S435463		1.22					97	131		<0.005						
S435464		0.85					11	153		<0.005						
S435465		1.07					15	152		<0.005						
S435466		0.66	0.001	<0.005	<0.001		236	35		<0.005	0.09	6.31	21.5	10	0.23	0.03
S435467		0.69					23	14		<0.005						
S435468		0.94					168	278		<0.005						
S435469		0.97					344	12		<0.005						
S435470		1.03					370	5		<0.005						
S435471		0.79					86	91		0.659						
S435472		0.95					17	20		<0.005						
S435473		1.10					141	9		<0.005						
S435474		0.68					69	253		<0.005						
S435475		0.67					6	78		<0.005						
S435476		0.63					77	97		<0.005						
S435477		0.63					114	33		0.008						
S435478		0.70					163	36		0.009						
S435479		0.77					59	2		0.022						
S435480		0.78					24	42		<0.005						
S435481		0.68					49	228		<0.005						
S435482		0.80					361	34		<0.005						
S435483		0.71					108	14		0.027						
S435484		1.10					19	58		<0.005						
S435485		1.01	<0.001	<0.005	<0.001		95	1		<0.005	0.04	6.83	<0.2	230	0.84	0.02

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Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16118439

Description échantillon	Méthode élément unités L.D.	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2
S435462																
S435463																
S435464																
S435465																
S435466		6.06	0.10	10.80	59.7	15	0.06	227	9.73	17.85	0.09	1.9	0.081	0.04	4.0	8.8
S435467																
S435468																
S435469																
S435470																
S435471																
S435472																
S435473																
S435474																
S435475																
S435476																
S435477																
S435478																
S435479																
S435480																
S435481																
S435482																
S435483																
S435484																
S435485		3.58	0.02	23.0	36.4	15	0.64	91.7	9.04	18.55	0.13	2.7	0.258	1.17	9.3	7.7

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À: EXPLORATION MIDLAND INC
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Finalisée date: 5- AOUT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16118439

Description échantillon	Méthode élément unités L.D.	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2
S435462																
S435463																
S435464																
S435465																
S435466		2.71	1560	0.29	0.61	4.3	34.6	510	2.7	0.9	0.004	0.03	2.40	49.6	1	0.5
S435467																
S435468																
S435469																
S435470																
S435471																
S435472																
S435473																
S435474																
S435475																
S435476																
S435477																
S435478																
S435479																
S435480																
S435481																
S435482																
S435483																
S435484																
S435485		1.43	1490	0.35	2.65	7.9	3.4	750	1.5	25.7	<0.002	1.17	0.16	40.1	3	0.6

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CERTIFICAT D'ANALYSE VO16118439

Description échantillon	Méthode élément unités L.D.	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
S435462													
S435463													
S435464													
S435465													
S435466		70.7	0.27	0.14	0.50	0.419	<0.02	0.1	212	0.4	26.6	90	59.6
S435467													
S435468													
S435469													
S435470													
S435471													
S435472													
S435473													
S435474													
S435475													
S435476													
S435477													
S435478													
S435479													
S435480													
S435481													
S435482													
S435483													
S435484													
S435485		153.5	0.52	0.10	1.61	1.110	0.15	0.5	102	0.2	38.3	47	94.7

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CERTIFICAT D'ANALYSE VO16118439

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Cu- OG62	ME- ICP61	ME- MS61	ME- OG62
PGM- ICP23			

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Finalisée date: 5- AOUT- 2016
Compte: MIDEXP

CERTIFICAT VO16118451

Projet: WILLBOB

Ce rapport s'applique aux 150 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 7- JUIL- 2016.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
ME- MS61	ICP- MS 48 éléments, quatre acides	
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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plus les pages d'annexe
Finalisée date: 5- AOUT- 2016
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CERTIFICAT D'ANALYSE VO16118451

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	ME- ICP61 Cu ppm 1	ME- ICP61 Ni ppm 1	Au- AA23 Au ppm 0.005	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02
S435213		0.76				39	105	<0.005								
S435214		0.92				2	179	0.020								
S435215		0.54				52	60	0.005								
S435216		0.80				181	222	<0.005								
S435217		0.90				133	22	0.008								
S435218		1.10				477	144	0.014								
S435219		0.56				226	54	0.009								
S435220		0.10				147	39	3.93								
S435221		0.84				25	34	0.005								
S435222		1.19				711	30	0.009								
S435223		0.76				1060	64	0.015								
S435224		1.56				126	36	0.006								
S435225		1.21	0.019	0.008	0.004	705	211	0.029	0.20	6.21	<0.2	10	0.21	0.03	7.19	0.29
S435226		0.74	0.019	0.023	0.018	1590	268	0.022	0.36	7.29	<0.2	10	0.23	0.03	7.68	0.82
S435227		0.77				90	142	0.008								
S435228		0.83	0.063	<0.005	0.001	229	60	0.168	0.05	7.68	<0.2	<10	0.23	0.02	7.17	0.14
S435229		0.76				135	83	<0.005								
S435230		0.63	<0.001	<0.005	<0.001	201	69	0.005	0.08	7.23	0.8	430	0.65	0.02	5.53	0.31
S435231		0.84				153	63	0.005								
S435232		0.92				119	274	0.018								
S435233		0.65				40	21	<0.005								
S435234		0.77				44	13	0.006								
S435235		0.87				681	213	0.011								
S435236		0.51				4	2	<0.005								
S435237		0.53				49	78	0.005								
S435238		0.56				11	83	<0.005								
S435239		0.84				143	110	0.012								
S435240		0.64				22	46	0.007								
S435241		0.72				2	77	<0.005								
S435242		0.92				137	59	0.007								
S435243		0.76				258	34	0.007								
S435244		0.73				258	26	0.010								
S435245		0.67				45	2	0.007								
S435246		0.89				2	107	0.013								
S435247		0.85				104	27	0.010								
S435248		0.66				47	6	0.008								
S435249		1.22				7	17	0.012								
S435250		1.06				13	14	0.010								
S435251		0.66				32	109	0.009								
S435252		0.77				25	9	0.007								

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Finalisée date: 5- AOUT- 2016
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Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16118451

Description échantillon	Méthode élément unités L.D.	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5
S435213																
S435214																
S435215																
S435216																
S435217																
S435218																
S435219																
S435220																
S435221																
S435222																
S435223																
S435224																
S435225		8.33	96.8	37	0.08	683	12.20	19.20	0.10	1.1	0.110	0.04	2.9	5.2	3.92	1590
S435226		5.54	74.8	174	0.08	1590	9.58	15.70	0.08	0.8	0.093	0.05	1.9	3.9	4.25	1360
S435227																
S435228		30.1	45.6	20	0.06	233	8.17	26.7	0.13	3.8	0.116	0.01	10.3	8.0	3.37	1180
S435229																
S435230		13.30	37.9	89	0.26	207	10.55	16.80	0.10	1.8	0.100	0.87	5.2	6.8	4.17	1140
S435231																
S435232																
S435233																
S435234																
S435235																
S435236																
S435237																
S435238																
S435239																
S435240																
S435241																
S435242																
S435243																
S435244																
S435245																
S435246																
S435247																
S435248																
S435249																
S435250																
S435251																
S435252																

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Description échantillon	Méthode élément unités L.D.	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05
S435213																
S435214																
S435215																
S435216																
S435217																
S435218																
S435219																
S435220																
S435221																
S435222																
S435223																
S435224																
S435225		0.27	0.38	3.4	205	380	0.7	0.6	0.006	1.44	0.53	55.6	5	0.7	96.0	0.22
S435226		0.42	1.37	2.2	273	240	0.7	0.8	0.003	1.08	0.51	45.2	2	0.6	104.5	0.14
S435227																
S435228		0.51	0.70	10.6	60.9	1180	<0.5	0.2	0.002	0.27	0.42	30.4	3	0.6	80.2	0.69
S435229																
S435230		0.40	2.37	5.1	73.8	560	1.0	18.6	0.003	3.09	0.12	44.2	2	0.9	37.9	0.35
S435231																
S435232																
S435233																
S435234																
S435235																
S435236																
S435237																
S435238																
S435239																
S435240																
S435241																
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S435246																
S435247																
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S435249																
S435250																
S435251																
S435252																

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CERTIFICAT D'ANALYSE VO16118451

Description échantillon	Méthode élément unités L.D.	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
S435213											
S435214											
S435215											
S435216											
S435217											
S435218											
S435219											
S435220											
S435221											
S435222											
S435223											
S435224											
S435225		0.06	0.21	1.330	<0.02	0.1	996	0.4	22.0	100	32.4
S435226		0.14	0.16	0.454	0.02	0.2	257	0.3	14.8	97	22.4
S435227											
S435228		<0.05	0.75	0.896	<0.02	0.2	246	0.6	56.9	64	137.5
S435229											
S435230		0.15	0.44	0.885	0.28	0.1	402	0.2	27.3	146	57.2
S435231											
S435232											
S435233											
S435234											
S435235											
S435236											
S435237											
S435238											
S435239											
S435240											
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S435251											
S435252											

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CERTIFICAT D'ANALYSE VO16118451

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	ME- ICP61 Cu ppm 1	ME- ICP61 Ni ppm 1	Au- AA23 Au ppm 0.005	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02
S435253		0.78				2	3	<0.005								
S435254		1.06				81	5	<0.005								
S435255		0.62				23	16	<0.005								
S435256		0.92				41	11	<0.005								
S435257		0.87				6	5	<0.005								
S435258		0.58				521	15	<0.005								
S435259		0.83				4	20	0.136								
S435260		0.10				148	42	4.02								
S435261		0.84				12	7	<0.005								
S435262		0.55				153	11	<0.005								
S435263		0.68				71	13	<0.005								
S435264		0.86				42	3	<0.005								
S435265		0.75				5	5	<0.005								
S435266		0.44				20	24	<0.005								
S435267		0.45				34	3	0.005								
S435268		0.50				109	25	<0.005								
S435269		0.62				60	67	<0.005								
S435270		0.46				46	71	0.005								
S435271		0.89				112	54	<0.005								
S435272		0.73				36	10	0.013								
S435273		1.06				6	4	<0.005								
S435274		1.04				36	7	<0.005								
S435275		0.99				11	39	<0.005								
S435276		0.98				1	<1	<0.005								
S435277		1.15				8	70	<0.005								
S435301		1.11				4	3	0.066								
S435302		1.04				224	25	0.011								
S435303		0.87				351	395	<0.005								
S435304		0.65				29	25	<0.005								
S435305		0.88				2	<1	<0.005								
S435306		1.51				150	32	<0.005								
S435307		1.10				2	8	0.327								
S435308		1.51				6	<1	<0.005								
S435309		1.48				120	2	0.007								
S435310		1.34				16	2	0.008								
S435311		0.58				44	1	<0.005								
S435312		0.85				2	2	<0.005								
S435313		0.82				2	6	<0.005								
S435314		0.83				19	<1	<0.005								
S435315		0.99				1	<1	<0.005								

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S435253																
S435254																
S435255																
S435256																
S435257																
S435258																
S435259																
S435260																
S435261																
S435262																
S435263																
S435264																
S435265																
S435266																
S435267																
S435268																
S435269																
S435270																
S435271																
S435272																
S435273																
S435274																
S435275																
S435276																
S435277																
S435301																
S435302																
S435303																
S435304																
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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 5- AOUT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16118451

Description échantillon	Méthode élément unités L.D.	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05
S435253																
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S435255																
S435256																
S435257																
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S435253											
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CERTIFICAT D'ANALYSE VO16118451

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	ME- ICP61 Cu ppm 1	ME- ICP61 Ni ppm 1	Au- AA23 Au ppm 0.005	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02
S435316		1.00				1	6	<0.005								
S435317		2.16				1	2	1.405								
S435318		1.24				56	1	0.260								
S435319		1.28				91	1	0.624								
S435320		0.12				146	40	3.94								
S435321		1.04				2	2	0.093								
S435322		0.69				56	<1	0.129								
S435323		0.81				1	2	1.125								
S435324		0.96				1	1	0.744								
S435325		1.24				2	9	0.006								
S435326		0.94				1	<1	0.087								
S435327		1.08				10	<1	<0.005								
S435328		0.78				82	<1	<0.005								
S435329		0.75				32	20	0.013								
S435330		0.72				166	<1	0.008								
S435331		1.26				287	70	0.006								
S435332		0.82				106	3	<0.005								
S435333		0.53				2	132	0.014								
S435334		0.66				15	80	0.015								
S435335		0.86				<1	28	<0.005								
S435336		1.11				63	32	<0.005								
S435337		1.15				344	108	0.022								
S435338		0.80				212	47	<0.005								
S435339		1.19				1280	12	0.010								
S435340		0.66				46	58	<0.005								
S435341		0.77				2140	6	0.008								
S435342		0.76				115	24	<0.005								
S435343		0.81				81	32	<0.005								
S435344		0.98				236	16	<0.005								
S435345		1.35				732	48	0.005								
S435346		0.89				251	33	0.005								
S435347		0.91				78	89	<0.005								
S435348		1.15				3	16	<0.005								
S435349		0.80				7	<1	<0.005								
S435350		0.76				11	<1	<0.005								
S435351		1.09				2280	8	0.020								
S435352		0.80				25	67	<0.005								
S435353		1.45				16	51	<0.005								
S435354		0.94				57	130	<0.005								
S435355		1.26				7	131	<0.005								

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S435316																
S435317																
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S435316																
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S435316											
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CERTIFICAT D'ANALYSE VO16118451

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S435356		0.93				32	160	<0.005								
S435357		1.05				25	28	<0.005								
S435358		1.05				23	119	<0.005								
S435359		0.93				47	172	<0.005								
S435360		0.72				111	66	<0.005								
S435361		1.11				33	21	<0.005								
S435362		0.83				45	24	<0.005								
S435363		1.04				14	6	<0.005								
S435364		0.80				8	5	<0.005								
S435365		1.24				57	9	<0.005								
S435366		1.10				15	10	<0.005								
S435367		0.80				36	10	<0.005								
S435368		0.67				21	12	<0.005								
S435369		0.96				8	5	<0.005								
S435370		0.84				46	9	<0.005								
S435371		0.87				33	23	<0.005								
S435372		1.14				7	14	<0.005								
S435373		0.68				82	25	0.181								
S435374		1.02				332	35	<0.005								
S435375		0.71				316	3	0.320								
S435376		0.67				488	28	0.039								
S435377		1.15				1040	94	0.007								
S435378		0.78				3	1	<0.005								
S435379		0.74				153	1	0.074								
S435380		0.12				147	41	3.82								
S435381		0.77				14	2	<0.005								
S435382		0.91				1725	9	0.031								
S435383		0.82				73	2	<0.005								
S435384		0.92				45	<1	0.015								
S435385		0.72				444	21	<0.005								

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CERTIFICAT D'ANALYSE VO16118451

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S435356																
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CERTIFICAT D'ANALYSE VO16118451

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Au- AA23	BAG- 01	CRU- 32	CRU- QC
LOG- 22	LOG- 24	PUL- 32	PUL- QC
SPL- 21	WEI- 21		

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME- ICP61	ME- MS61	PGM- ICP23

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À: EXPLORATION MIDLAND INC
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Finalisée date: 15- OCT- 2016
Compte: MIDEXP

CERTIFICAT VO16163437

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 57 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: JEAN- FRANÇOIS LARIVIÈRE
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 15- OCT- 2016
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16163437

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
S435701		1.11	0.375	<0.5	5.98	6470	30	0.8	<2	2.67	<0.5	21	8	190	12.85	20
S435702		0.78	0.007	<0.5	0.06	562	<10	<0.5	<2	9.94	<0.5	<1	18	1	0.51	<10
S435703		1.20	0.012	<0.5	5.29	55	170	0.8	<2	1.75	<0.5	25	8	16	12.45	20
S435704		1.01	0.007	<0.5	5.03	49	170	0.8	<2	1.61	<0.5	22	4	5	11.30	20
S435705		1.30	0.173	<0.5	0.10	2320	10	<0.5	<2	0.31	<0.5	<1	50	1	0.63	<10
S435706		1.01	<0.005	<0.5	6.33	15	10	1.4	<2	4.32	<0.5	<1	14	35	1.77	20
S435707		1.44	<0.005	<0.5	5.83	11	30	0.7	<2	2.73	<0.5	14	7	6	8.08	10
S435708		1.23	<0.005	<0.5	5.87	26	110	0.7	<2	2.17	<0.5	29	4	4	12.60	20
S435709		1.13	0.816	<0.5	5.21	185	150	0.8	<2	5.07	0.5	24	<1	20	13.25	20
S435710		1.01	0.146	<0.5	0.34	2350	20	<0.5	2	24.4	<0.5	4	6	1	1.30	<10
S435711		0.76	0.040	<0.5	4.53	18	30	2.6	<2	4.19	0.5	13	9	16	7.44	10
S435712		1.46	<0.005	<0.5	7.06	349	10	0.8	<2	1.99	<0.5	16	5	18	8.82	20
S435713		1.36	<0.005	<0.5	7.74	17	10	0.5	3	0.96	<0.5	26	2	5	11.45	30
S435714		0.99	<0.005	<0.5	5.47	21	10	0.5	<2	3.97	<0.5	14	9	1	6.53	20
S435715		1.48	0.008	<0.5	5.74	9	10	0.6	<2	4.90	<0.5	10	7	1	5.23	20
S435716		1.03	0.107	<0.5	5.20	45	30	0.6	<2	6.32	0.6	25	5	82	9.49	20
S435717		1.23	<0.005	<0.5	1.89	9	20	1.5	<2	20.9	<0.5	4	5	<1	2.51	10
S435718		1.09	<0.005	<0.5	6.49	15	10	0.9	<2	3.44	<0.5	18	2	4	7.74	20
S435719		1.53	<0.005	<0.5	6.05	10	70	0.6	<2	4.67	<0.5	22	1	4	9.88	20
S435720		0.73	<0.005	<0.5	7.68	<5	990	1.2	3	2.74	<0.5	18	92	19	5.05	20
S435721		1.24	0.006	<0.5	5.29	317	20	0.9	<2	8.35	<0.5	16	3	28	7.76	20
S435722		1.25	<0.005	<0.5	6.95	9	50	0.9	3	10.25	<0.5	21	4	4	8.97	40
S435723		1.46	0.194	<0.5	7.59	6130	20	0.8	<2	3.28	<0.5	26	2	7	11.95	20
S435724		1.18	0.085	<0.5	7.58	3120	20	0.6	4	2.32	<0.5	30	2	62	12.45	20
S435725		1.12	0.854	<0.5	2.96	>10000	20	0.8	<2	2.41	<0.5	10	25	3	8.68	10
S435726		1.02	1.135	<0.5	5.19	>10000	20	<0.5	<2	1.57	<0.5	18	14	59	9.73	20
S435727		0.81	0.411	<0.5	7.48	2000	30	0.6	3	2.17	<0.5	23	7	42	12.95	20
S435728		0.79	2.48	<0.5	1.00	>10000	10	<0.5	<2	1.97	<0.5	14	20	21	5.05	<10
S435729		0.70	0.903	<0.5	6.37	5900	20	0.7	2	3.00	<0.5	15	9	1	6.97	20
S435730		0.99	0.130	<0.5	0.56	2390	10	<0.5	2	1.73	<0.5	1	36	1	1.74	<10
S435731		1.07	0.046	<0.5	7.06	119	10	0.7	2	3.96	<0.5	14	5	49	9.74	20
S435732		1.11	<0.005	<0.5	6.27	19	130	0.6	3	2.23	<0.5	32	1	3	12.95	20
S435733		1.22	<0.005	<0.5	6.37	14	100	0.6	<2	2.08	<0.5	32	1	1	12.15	20
S435734		1.01	<0.005	<0.5	6.48	20	90	0.5	<2	3.66	<0.5	28	2	4	10.95	20
S435735		1.49	0.015	<0.5	7.91	1515	10	0.6	5	3.47	0.5	27	3	79	11.70	20
S435736		1.24	0.019	<0.5	8.22	823	10	0.5	2	1.17	3.1	23	2	103	12.85	20
S435737		1.34	0.025	<0.5	8.45	2590	10	0.6	2	1.25	2.3	20	2	60	12.25	20
S435738		Not Recvd														
S435739		0.97	0.006	<0.5	7.83	115	10	<0.5	2	1.34	<0.5	39	2	139	15.30	20
S435740		1.17	0.071	<0.5	5.91	>10000	10	<0.5	<2	9.67	<0.5	22	1	20	9.00	20

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Finalisée date: 15- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16163437

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
S435701		0.10	10	0.51	1215	<1	3.48	1	1670	5	3.34	<5	27	40	<20	0.63
S435702		0.01	<10	0.01	736	<1	0.03	<1	20	4	0.04	<5	5	96	<20	0.01
S435703		0.61	10	0.42	2400	<1	2.69	3	1720	3	0.21	7	30	68	<20	0.61
S435704		0.53	10	0.28	2230	<1	2.85	2	1560	3	0.07	<5	29	72	<20	0.57
S435705		0.03	<10	0.01	91	<1	0.04	<1	20	<2	0.10	<5	<1	5	<20	<0.01
S435706		0.04	<10	0.05	935	<1	4.43	1	320	24	0.07	6	4	120	<20	1.10
S435707		0.09	10	0.80	1635	<1	2.83	3	2130	<2	0.06	<5	44	49	<20	0.97
S435708		0.36	10	1.08	2540	<1	1.99	1	2530	4	0.02	<5	45	77	<20	0.86
S435709		0.61	10	0.43	2880	<1	2.71	<1	2190	<2	0.35	<5	42	91	<20	0.80
S435710		0.06	<10	0.06	2330	<1	0.13	<1	80	3	0.11	<5	7	279	<20	0.03
S435711		0.11	10	0.64	1640	<1	2.06	2	1630	21	0.15	<5	32	59	<20	0.57
S435712		0.04	10	1.60	1990	<1	3.19	1	2800	3	0.02	<5	73	39	<20	1.01
S435713		0.02	10	2.05	2580	<1	3.05	<1	1080	<2	<0.01	<5	138	25	<20	1.44
S435714		0.03	<10	1.53	1640	<1	2.49	5	30	2	<0.01	<5	37	35	<20	1.14
S435715		0.03	<10	1.23	1380	<1	3.11	4	50	<2	<0.01	<5	33	54	<20	0.91
S435716		0.08	<10	1.23	1895	<1	2.19	2	370	5	1.22	<5	36	71	<20	1.26
S435717		0.06	<10	0.50	1950	<1	0.99	<1	20	4	<0.01	<5	17	302	<20	0.35
S435718		0.04	<10	2.04	2200	<1	3.12	6	30	<2	0.02	5	53	50	<20	1.42
S435719		0.22	<10	1.61	2650	<1	2.59	3	50	6	0.04	<5	48	90	<20	1.32
S435720		1.55	30	1.72	581	3	2.29	43	940	12	0.05	<5	17	519	<20	0.50
S435721		0.05	<10	1.30	1890	<1	2.13	1	50	3	0.16	<5	39	97	<20	1.11
S435722		0.20	<10	1.15	1775	<1	0.28	3	50	4	<0.01	<5	47	170	<20	1.18
S435723		0.03	<10	2.05	2250	<1	3.02	5	90	3	0.35	5	55	46	<20	1.62
S435724		0.04	<10	2.35	2320	<1	2.79	6	80	<2	0.66	<5	56	40	<20	1.69
S435725		0.04	<10	1.58	1100	1	0.17	2	20	5	1.05	6	32	19	<20	0.05
S435726		0.04	<10	1.31	1360	1	1.96	2	330	5	0.93	<5	35	25	<20	1.12
S435727		0.08	10	2.06	1930	<1	2.49	6	480	<2	0.29	7	55	32	<20	1.61
S435728		0.03	<10	0.26	521	1	0.36	1	80	10	1.96	9	9	22	<20	0.22
S435729		0.04	<10	1.33	1435	<1	3.26	3	30	2	0.28	<5	45	32	<20	1.42
S435730		0.02	<10	0.28	403	<1	0.05	2	10	<2	0.11	<5	7	12	<20	0.01
S435731		0.02	<10	1.74	1715	<1	3.04	2	60	3	0.40	<5	54	61	<20	1.45
S435732		0.47	<10	1.28	2490	<1	2.58	2	140	<2	0.03	7	49	88	<20	1.34
S435733		0.34	<10	1.48	2340	<1	2.34	4	140	<2	0.03	<5	50	73	<20	1.42
S435734		0.29	<10	1.68	2300	<1	2.19	6	120	<2	0.02	<5	51	111	<20	1.31
S435735		0.03	<10	1.83	2190	<1	3.48	4	90	25	0.96	8	58	49	<20	1.54
S435736		0.02	<10	2.18	2000	<1	3.33	5	190	383	0.68	<5	50	26	<20	1.74
S435737		0.02	<10	2.13	2060	<1	3.64	7	90	142	0.51	<5	58	29	<20	1.61
S435738																
S435739		0.03	<10	2.31	2350	<1	2.63	3	580	<2	0.96	<5	62	31	<20	1.91
S435740		0.03	<10	1.47	2140	<1	2.66	2	80	4	0.63	7	43	113	<20	1.23

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CERTIFICAT D'ANALYSE VO16163437

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435701		<10	<10	36	<10	58
S435702		<10	<10	1	<10	2
S435703		<10	<10	2	<10	70
S435704		<10	<10	1	<10	57
S435705		<10	<10	1	<10	<2
S435706		<10	<10	3	<10	22
S435707		<10	<10	3	<10	74
S435708		10	<10	3	<10	91
S435709		<10	<10	2	<10	62
S435710		<10	<10	2	<10	4
S435711		<10	<10	23	<10	65
S435712		<10	<10	9	<10	108
S435713		10	<10	16	<10	166
S435714		<10	<10	59	<10	59
S435715		<10	<10	22	<10	38
S435716		<10	<10	45	<10	57
S435717		<10	<10	7	<10	11
S435718		<10	<10	28	<10	74
S435719		<10	<10	8	<10	49
S435720		<10	<10	137	<10	103
S435721		<10	<10	32	<10	42
S435722		<10	<10	16	<10	37
S435723		<10	<10	81	<10	73
S435724		10	<10	41	<10	79
S435725		<10	<10	318	<10	60
S435726		<10	<10	90	<10	59
S435727		<10	<10	124	<10	81
S435728		<10	<10	24	<10	11
S435729		<10	<10	129	<10	54
S435730		<10	<10	45	<10	12
S435731		<10	<10	34	<10	72
S435732		<10	<10	5	<10	53
S435733		<10	<10	7	<10	54
S435734		<10	<10	14	<10	49
S435735		<10	<10	60	<10	116
S435736		10	<10	142	<10	579
S435737		<10	<10	77	<10	576
S435738						
S435739		10	<10	65	<10	80
S435740		<10	<10	124	<10	52

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CERTIFICAT D'ANALYSE VO16163437

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
S435741		1.33	0.023	<0.5	4.36	6180	10	<0.5	<2	15.7	0.7	6	5	6	4.59	10
S435742		1.31	0.038	<0.5	5.66	4480	10	0.5	<2	8.74	0.6	7	7	1	5.77	10
S435743		1.32	0.074	<0.5	6.89	5240	40	0.5	<2	3.12	0.9	40	2	203	13.75	20
S435744		1.18	0.024	<0.5	7.00	159	40	0.5	<2	2.67	0.5	32	2	139	12.50	20
S435745		1.14	0.009	<0.5	3.79	1440	30	<0.5	<2	13.40	0.7	16	4	51	7.45	10
S435746		1.31	0.006	<0.5	4.08	154	10	<0.5	<2	5.18	<0.5	3	13	6	5.81	10
S435747		1.12	<0.005	<0.5	6.94	38	30	0.5	3	3.75	0.6	25	4	3	9.36	20
S435748		1.25	0.029	<0.5	6.29	6830	30	0.5	<2	5.86	0.6	26	5	14	9.86	20
S435749		1.21	0.009	<0.5	7.46	1060	20	0.5	<2	5.13	0.7	23	4	9	8.75	20
S435750		1.16	0.012	<0.5	7.52	1770	10	0.6	<2	3.53	0.5	16	7	9	8.35	20
S435751		0.75	0.187	<0.5	6.26	5680	30	0.5	<2	2.68	0.5	22	9	68	10.35	20
S435752		1.18	0.072	<0.5	6.53	1580	20	0.5	<2	2.90	0.5	29	6	111	10.75	20
S435753		1.16	0.037	<0.5	6.41	217	80	0.5	<2	3.97	0.8	36	2	12	12.20	20
S435754		1.02	0.293	<0.5	5.50	867	50	0.7	2	11.20	0.6	19	2	27	8.33	10
S435755		1.05	0.022	<0.5	6.66	846	30	<0.5	<2	5.52	<0.5	26	1	125	11.45	20
S435756		1.07	<0.005	<0.5	4.96	24	70	<0.5	<2	2.61	<0.5	27	3	99	17.45	20
S435757		1.40	<0.005	<0.5	5.34	<5	60	0.5	<2	2.39	<0.5	78	4	418	13.85	20

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
S435741		0.02	<10	0.76	1965	<1	2.47	<1	100	2	0.32	<5	26	155	<20	0.72
S435742		0.03	<10	1.06	1415	<1	3.16	<1	70	<2	0.22	<5	27	79	<20	0.95
S435743		0.17	<10	1.65	2250	<1	2.98	<1	540	<2	1.79	<5	60	51	<20	1.94
S435744		0.18	<10	1.82	2320	<1	3.10	1	390	2	0.92	<5	61	48	<20	1.73
S435745		0.16	<10	1.07	2110	<1	1.58	<1	150	<2	0.27	<5	40	60	<20	1.04
S435746		0.03	<10	1.16	1090	<1	1.65	<1	60	<2	0.04	<5	27	32	<20	0.63
S435747		0.12	<10	1.81	2090	<1	3.39	1	70	<2	<0.01	<5	60	54	<20	1.71
S435748		0.18	<10	1.65	2060	<1	3.03	1	100	3	0.38	9	49	78	<20	1.49
S435749		0.09	<10	1.61	1935	<1	3.99	<1	80	<2	0.12	<5	50	71	<20	1.73
S435750		0.03	<10	1.61	1565	<1	3.96	1	70	<2	0.10	<5	42	56	<20	1.58
S435751		0.08	<10	1.39	1580	<1	2.80	1	470	<2	0.55	6	45	45	<20	1.56
S435752		0.08	<10	1.29	1600	<1	3.02	<1	500	<2	1.06	<5	47	38	<20	1.76
S435753		0.47	<10	1.46	2440	<1	3.01	1	480	<2	0.03	<5	54	90	<20	1.64
S435754		0.26	<10	1.12	1955	<1	2.85	2	130	<2	0.15	6	45	96	<20	1.38
S435755		0.16	<10	1.55	1890	<1	2.95	<1	510	<2	0.55	6	51	66	<20	1.62
S435756		0.32	10	0.41	2300	<1	1.06	1	2320	<2	0.67	<5	42	135	<20	0.67
S435757		0.29	10	0.45	1970	<1	1.70	<1	1940	<2	2.17	<5	25	103	<20	0.62

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 15- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16163437

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435741		<10	<10	81	<10	27
S435742		<10	<10	104	<10	34
S435743		10	<10	83	<10	59
S435744		<10	<10	58	<10	61
S435745		<10	<10	43	<10	34
S435746		<10	<10	96	<10	39
S435747		<10	<10	50	<10	60
S435748		<10	<10	73	<10	55
S435749		<10	<10	65	<10	55
S435750		10	<10	114	<10	55
S435751		<10	<10	91	<10	52
S435752		<10	<10	42	<10	47
S435753		10	<10	17	<10	52
S435754		<10	<10	24	<10	35
S435755		<10	<10	56	<10	57
S435756		<10	<10	1	<10	33
S435757		<10	<10	1	<10	41

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Finalisée date: 15- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16163437

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- AA23	ME- ICP61

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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Finalisée date: 14- OCT- 2016
Compte: MIDEXP

CERTIFICAT VO16165204

Projet: WILLBOB

Ce rapport s'applique aux 30 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 29- SEPT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION MIDLAND INC
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Finalisée date: 14- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16165204

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435801		0.86	0.012		<0.5	4.00	266	20	1.1	3	22.6	<0.5	1	6	5	1.64
S435802		0.80	<0.005		<0.5	7.13	<5	870	1.1	<2	2.38	<0.5	20	103	51	5.58
S435803		1.64	>10.0	13.15	1.8	5.86	4160	80	0.5	<2	2.38	<0.5	53	1	159	19.45
S435804		1.13	0.009		<0.5	5.45	55	190	0.7	<2	2.00	<0.5	42	<1	6	18.60
S435805		0.71	<0.005		<0.5	6.29	48	140	0.6	<2	3.20	<0.5	29	2	25	14.90
S435806		1.00	0.247		<0.5	6.11	5880	30	0.7	<2	5.62	<0.5	38	2	169	12.85
S435807		0.99	8.85	9.66	0.7	5.95	274	50	0.7	<2	3.05	<0.5	48	<1	207	19.45
S435808		1.41	0.282		<0.5	5.97	87	80	0.6	<2	4.52	<0.5	35	<1	34	15.45
S435809		1.55	<0.005		<0.5	5.53	46	190	0.7	<2	2.29	<0.5	36	<1	18	15.65
S435810		1.08	2.40		<0.5	5.96	27	60	0.6	<2	2.00	<0.5	12	5	175	14.50
S435811		1.54	<0.005		<0.5	5.93	33	90	0.5	<2	3.38	<0.5	31	<1	2	14.85
S435812		0.61	<0.005		<0.5	5.37	41	200	0.7	<2	4.02	<0.5	40	<1	39	17.15
S435813		0.60	4.45	4.95	<0.5	5.68	1970	50	0.6	<2	1.31	<0.5	26	4	266	17.15
S435814		1.79	0.043		<0.5	7.31	2800	10	0.7	<2	1.59	<0.5	28	2	290	13.90
S435815		0.83	0.460		<0.5	6.60	>10000	40	0.7	<2	1.61	<0.5	34	3	277	16.55
S435816		1.11	<0.005		<0.5	5.34	47	200	0.7	<2	3.99	<0.5	34	1	4	16.10
S435817		0.86	0.244		<0.5	7.10	>10000	30	0.6	<2	1.83	<0.5	42	2	271	18.10
S435818		0.99	0.012		<0.5	6.66	3050	30	0.5	<2	1.45	<0.5	31	2	319	14.20
S435819		1.41	0.111		<0.5	7.06	3410	20	0.5	<2	1.64	<0.5	39	1	295	17.00
S435820		0.68	2.97		<0.5	1.11	149	20	<0.5	<2	3.37	<0.5	4	20	9	3.70
S435821		0.67	0.215		<0.5	5.67	84	100	0.6	<2	3.42	<0.5	38	2	54	13.60
S435822		0.12	3.60	3.99	0.7	6.50	30	550	0.7	<2	2.33	0.8	16	58	142	4.93
S435823		1.03	1.125		<0.5	5.50	33	90	0.5	<2	0.84	<0.5	49	<1	116	22.1
S435824		0.87	3.26	3.45	<0.5	5.40	65	20	<0.5	<2	0.53	<0.5	16	1	40	18.60
S435825		0.86	0.428		<0.5	4.86	58	20	<0.5	<2	2.69	<0.5	24	5	6	13.70
S435826		1.36	<0.005		<0.5	6.75	191	20	0.6	<2	0.98	<0.5	25	1	280	20.2
S435827		1.28	<0.005		<0.5	4.53	153	210	0.7	<2	3.78	<0.5	42	1	100	18.10
S435828		0.88	0.264		<0.5	5.46	126	30	<0.5	<2	1.60	<0.5	47	<1	22	19.95
S435829		1.44	0.203		<0.5	4.95	858	40	0.5	<2	4.42	<0.5	31	7	59	12.20
S435830		0.85	<0.005		<0.5	4.79	186	230	0.8	<2	1.56	<0.5	35	6	6	15.35

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16165204

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435801		10	0.07	<10	0.18	2350	<1	2.97	<1	50	5	0.03	<5	14	216	<20
S435802		20	1.72	30	1.84	627	2	2.04	57	740	15	0.13	<5	19	387	<20
S435803		20	0.30	10	1.05	2690	<1	2.00	4	4210	<2	2.50	<5	34	29	<20
S435804		20	0.77	10	1.12	3840	<1	1.79	3	3770	5	0.02	<5	24	65	<20
S435805		20	0.37	10	1.11	2640	<1	2.23	4	4250	9	0.19	<5	34	71	<20
S435806		20	0.13	10	0.83	1955	<1	3.21	3	3850	<2	2.63	6	40	87	<20
S435807		20	0.25	10	1.31	2760	<1	2.17	3	4400	<2	3.52	<5	38	47	<20
S435808		20	0.36	10	0.91	2880	<1	2.45	2	4060	<2	0.26	<5	41	85	<20
S435809		20	0.66	10	0.93	3340	<1	2.16	3	3570	12	0.09	<5	37	88	<20
S435810		10	0.21	10	0.82	2000	<1	3.02	1	3690	<2	2.32	<5	30	40	<20
S435811		20	0.24	10	1.50	2800	<1	1.58	3	3700	2	0.01	<5	35	51	<20
S435812		20	0.73	10	1.07	3730	<1	1.04	1	3490	3	0.12	<5	31	190	<20
S435813		10	0.18	10	1.08	2300	<1	2.39	2	3990	<2	4.75	<5	37	34	<20
S435814		20	0.05	10	1.01	1545	<1	3.72	4	4790	3	3.77	<5	34	31	<20
S435815		20	0.12	10	1.03	1555	<1	3.28	3	3940	<2	5.03	<5	34	37	<20
S435816		20	0.69	10	1.11	3540	<1	0.69	2	3470	<2	0.01	<5	30	212	<20
S435817		20	0.11	10	1.24	1745	1	2.94	4	5610	13	4.98	<5	41	35	<20
S435818		20	0.10	10	0.85	1340	<1	3.56	3	4740	2	3.92	<5	34	32	<20
S435819		20	0.08	10	1.07	1735	<1	3.40	2	5170	5	4.82	<5	46	25	<20
S435820		10	0.05	<10	0.28	843	<1	0.19	1	260	2	0.11	<5	6	33	<20
S435821		20	0.49	10	0.87	2540	<1	2.63	5	3950	<2	1.19	<5	34	77	<20
S435822		20	1.03	10	1.42	821	7	2.07	39	720	43	0.13	6	15	252	<20
S435823		20	0.22	10	1.15	3290	<1	0.32	2	3020	6	1.75	<5	42	21	<20
S435824		20	0.04	10	0.97	2360	<1	0.97	1	3000	4	1.45	<5	42	21	<20
S435825		20	0.05	10	0.74	3350	<1	1.29	2	2810	7	0.06	<5	30	86	<20
S435826		20	0.06	10	1.53	1855	<1	2.40	6	4090	24	4.40	<5	48	55	<20
S435827		20	1.32	10	1.86	3690	<1	0.08	2	3170	84	1.53	5	30	92	<20
S435828		20	0.06	10	0.83	3850	<1	1.78	1	3670	3	0.32	<5	33	46	<20
S435829		10	0.08	10	0.63	2640	<1	2.55	2	2630	2	0.76	<5	24	142	<20
S435830		20	1.11	10	0.45	3330	4	1.44	4	2840	20	0.03	<5	30	48	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16165204

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435801		0.01	<10	<10	12	<10	11
S435802		0.54	<10	<10	141	<10	108
S435803		1.20	<10	<10	26	<10	78
S435804		0.92	<10	<10	3	<10	95
S435805		1.14	<10	<10	9	<10	88
S435806		1.08	<10	<10	37	<10	50
S435807		1.18	<10	<10	18	<10	83
S435808		1.28	<10	<10	4	<10	77
S435809		1.12	<10	<10	3	<10	83
S435810		1.05	<10	<10	38	<10	43
S435811		1.11	<10	<10	6	<10	89
S435812		0.98	10	<10	3	<10	79
S435813		1.11	<10	<10	24	<10	65
S435814		1.39	<10	<10	90	<10	68
S435815		1.10	<10	<10	83	<10	59
S435816		0.96	<10	<10	6	<10	77
S435817		1.82	<10	<10	104	<10	80
S435818		1.40	<10	<10	67	<10	56
S435819		1.51	<10	<10	53	<10	66
S435820		0.07	<10	<10	15	<10	23
S435821		1.14	<10	<10	4	<10	63
S435822		0.35	<10	<10	133	40	278
S435823		0.87	<10	<10	9	<10	107
S435824		0.93	<10	<10	10	<10	91
S435825		0.80	<10	<10	3	<10	76
S435826		1.23	<10	<10	45	<10	336
S435827		0.78	<10	<10	3	<10	239
S435828		0.97	<10	<10	3	<10	91
S435829		0.75	<10	<10	6	<10	53
S435830		0.79	<10	<10	3	<10	70

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB

CERTIFICAT D'ANALYSE VO16165204

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION MIDLAND INC
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Finalisée date: 3- NOV- 2016
Compte: MIDEXP

CERTIFICAT VO16173372

Projet: WILLIBOB PROJECT

Ce rapport s'applique aux 121 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 11- OCT- 2016.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Pb- OG62	Teneur marchande Pb - quatre acides	ICP- AES
Zn- OG62	Teneur marchande Zn - quatre acides	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 3- NOV- 2016
Compte: MIDEXP

Projet: WILLIBOB PROJECT

CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S437001		0.60	<0.005		<0.5	6.72	25	70	0.5	<2	1.78	<0.5	23	31	14	
S437002		0.94	0.014		<0.5	8.03	210	730	1.8	<2	0.61	<0.5	6	56	2	
S437003		1.45	<0.005		<0.5	5.66	<5	10	<0.5	<2	5.24	<0.5	49	28	407	
S437004		0.81	<0.005		<0.5	7.03	12	30	<0.5	<2	3.26	<0.5	42	28	414	
S437005		1.01	<0.005		<0.5	1.65	<5	10	<0.5	2	0.93	<0.5	21	140	80	
S437006		1.03	<0.005		<0.5	3.29	<5	10	<0.5	2	0.67	<0.5	26	72	5	
S437007		0.95	<0.005		<0.5	5.60	8	30	0.7	<2	1.09	<0.5	11	13	2	
S437008		1.18	<0.005		<0.5	7.43	<5	10	<0.5	<2	7.35	<0.5	33	99	210	
S437009		1.15	<0.005		<0.5	7.28	25	140	<0.5	<2	6.08	<0.5	44	74	71	
S437010		0.95	<0.005		<0.5	6.59	<5	830	0.5	<2	1.96	<0.5	8	24	7	
S437011		1.39	<0.005		<0.5	5.93	<5	60	<0.5	<2	4.16	<0.5	23	2	45	
S437012		1.37	0.005		<0.5	7.80	5	40	1.5	<2	8.04	6.1	41	3	104	
S437013		1.24	<0.005		<0.5	0.40	<5	30	<0.5	<2	2.28	<0.5	4	32	6	
S437014		1.02	<0.005		<0.5	6.39	6	50	0.5	3	3.55	<0.5	25	4	26	
S437015		0.84	0.029		<0.5	5.63	11	10	<0.5	5	5.84	<0.5	23	20	201	
S437016		1.30	<0.005		<0.5	4.27	<5	60	0.8	<2	0.25	<0.5	18	47	3	
S437017		1.15	<0.005		<0.5	4.23	<5	50	1.3	<2	0.37	<0.5	38	60	176	
S437018		1.09	<0.005		<0.5	6.56	10	50	1.4	<2	0.44	1.8	79	85	353	
S437019		0.76	<0.005		<0.5	6.30	<5	40	0.5	4	4.92	<0.5	43	8	50	
S437020		0.90	0.014		<0.5	7.40	<5	990	1.0	3	2.33	<0.5	21	107	55	
S437021		1.00	<0.005		<0.5	5.77	<5	70	1.0	<2	0.79	<0.5	11	11	49	
S437022		1.16	1.395		<0.5	2.53	244	80	<0.5	<2	2.06	<0.5	67	26	22	
S437023		1.04	1.115		<0.5	7.57	476	10	0.5	<2	0.13	<0.5	43	5	164	
S437024		1.26	>10.0	14.50	1.7	5.24	>10000	10	1.0	<2	11.35	<0.5	92	2	14	
S437025		0.97	0.064		<0.5	7.32	3240	20	0.6	<2	1.61	<0.5	57	4	193	
S437026		1.05	0.291		<0.5	7.14	322	10	0.5	<2	0.08	<0.5	7	4	135	
S437027		1.11	0.727		<0.5	7.68	1515	10	0.5	<2	0.07	<0.5	24	3	132	
S437028		0.99	0.008		<0.5	0.44	19	210	<0.5	<2	0.01	<0.5	1	32	8	
S437029		1.20	0.092		<0.5	1.60	7	330	1.4	<2	0.48	<0.5	2	38	49	
S437030		1.14	0.041		<0.5	4.06	21	1390	2.3	2	0.27	<0.5	13	52	59	
S437031		0.85	0.857		<0.5	1.13	6	630	1.0	<2	0.59	<0.5	2	28	46	
S437032		0.85	>10.0	22.9	<0.5	0.17	<5	60	<0.5	2	0.06	<0.5	<1	32	7	
S437033		0.81	3.23	3.11	<0.5	0.64	6	170	0.5	<2	1.73	<0.5	1	41	22	
S437034		1.00	2.19		<0.5	1.35	20	640	1.2	<2	0.78	<0.5	2	45	33	
S437035		0.87	>10.0	10.45	5.3	1.36	292	550	1.1	4	0.37	<0.5	3	39	185	
S437036		0.93	>10.0	31.8	3.9	2.05	2450	150	1.7	5	0.41	<0.5	8	33	188	
S437037		0.78	0.292		<0.5	0.19	15	80	<0.5	<2	0.56	<0.5	3	24	7	
S437038		0.75	0.498		0.7	2.20	66	60	1.6	3	0.39	<0.5	16	28	328	
S437039		0.67	0.087		<0.5	2.62	36	650	1.5	2	0.51	0.8	3	34	8	
S437040		0.11	4.11	4.25	0.7	6.65	28	570	0.7	<2	2.38	0.8	18	62	143	

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Finalisée date: 3- NOV- 2016
Compte: MIDEXP

Projet: WILLIBOB PROJECT

CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1
S437001		9.56	20	0.17	10	2.43	2010	<1	2.49	32	700	<2		0.11	<5	38
S437002		4.42	30	2.42	30	0.99	666	1	2.40	21	330	<2		0.01	<5	13
S437003		5.99	20	0.06	10	0.68	677	1	0.38	15	650	<2		2.56	<5	12
S437004		5.74	20	0.16	10	1.76	656	<1	3.17	25	1310	<2		1.61	<5	22
S437005		1.82	<10	0.07	<10	0.68	404	1	0.24	84	40	<2		0.17	<5	7
S437006		4.81	10	0.02	<10	3.14	829	<1	0.04	71	20	<2		<0.01	<5	3
S437007		6.38	20	0.07	<10	0.49	1125	1	2.89	4	500	2		0.01	<5	12
S437008		10.55	20	0.04	<10	3.75	1785	<1	0.58	116	1430	3		0.88	<5	26
S437009		7.67	20	0.85	<10	4.16	1420	<1	1.76	122	270	<2		0.34	<5	31
S437010		5.32	20	4.99	<10	2.23	1125	<1	0.15	18	50	4		0.03	<5	29
S437011		11.70	20	0.26	10	1.68	1640	<1	2.81	<1	450	3		0.18	<5	46
S437012		15.00	40	0.20	30	1.16	3000	1	0.03	13	400	1375		1.18	9	7
S437013		1.92	<10	0.09	<10	0.25	545	<1	0.14	1	10	73		0.02	<5	2
S437014		8.77	20	0.19	10	1.92	1460	<1	2.51	3	680	10		0.12	<5	37
S437015		5.42	20	0.03	10	0.46	571	<1	0.62	3	760	20		0.22	<5	13
S437016		6.50	10	0.20	10	1.36	2370	<1	1.08	35	30	4		<0.01	5	3
S437017		3.87	10	0.21	<10	0.78	510	2	2.28	19	50	7		0.99	<5	3
S437018		7.73	20	0.21	30	1.22	1745	2	3.43	54	240	4		1.80	5	10
S437019		14.05	20	0.12	10	2.55	1730	<1	1.26	12	400	4		0.26	<5	52
S437020		6.07	20	1.81	30	1.80	793	1	1.99	56	910	15		0.13	<5	25
S437021		6.09	20	0.45	20	0.47	785	1	2.79	1	440	4		0.54	<5	14
S437022		8.75	10	0.60	<10	0.54	697	<1	0.35	18	40	5		6.44	<5	21
S437023		18.95	20	0.01	<10	1.85	2280	<1	2.51	2	480	6		2.38	5	24
S437024		8.25	10	0.02	<10	0.25	2100	2	3.88	<1	140	18		3.69	14	9
S437025		19.40	20	0.07	<10	1.62	2530	<1	3.06	3	460	4		4.06	<5	24
S437026		18.15	20	0.03	<10	1.24	1450	<1	3.39	<1	470	4		0.38	6	23
S437027		20.9	20	0.01	<10	1.83	1820	1	2.75	2	420	23		0.17	9	33
S437028		3.13	<10	0.14	<10	0.05	473	1	0.11	4	80	20		0.04	<5	2
S437029		19.40	<10	0.21	10	1.17	4160	1	0.18	6	720	2		1.25	<5	2
S437030		21.0	10	1.76	20	2.48	2830	<1	0.47	36	710	13		0.78	5	6
S437031		10.45	<10	0.46	10	1.06	1805	<1	0.12	5	570	6		0.75	<5	2
S437032		2.03	<10	0.05	<10	0.03	490	1	0.05	2	130	2		0.04	<5	<1
S437033		5.54	<10	0.05	10	0.47	2300	<1	0.40	3	50	8		0.27	<5	1
S437034		10.60	<10	0.26	10	0.96	2890	<1	0.67	8	560	9		0.55	<5	2
S437035		15.05	10	0.52	10	0.83	2540	1	0.19	10	650	59		2.81	<5	4
S437036		19.70	10	0.92	10	2.03	2690	1	0.05	12	1140	64		3.86	<5	5
S437037		3.00	<10	0.04	<10	0.05	892	1	0.06	4	70	23		0.20	<5	1
S437038		23.9	10	0.91	10	1.88	2330	<1	0.16	28	1140	35		4.18	<5	3
S437039		14.85	10	0.60	10	1.50	2930	<1	1.13	10	240	29		1.00	<5	4
S437040		4.98	20	1.06	10	1.44	828	7	2.11	40	730	46		0.14	9	15

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CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S437001		88	<20	0.59	10	<10	193	<10	90	
S437002		94	<20	0.32	<10	<10	75	<10	61	
S437003		45	<20	0.33	<10	<10	20	<10	16	
S437004		49	<20	0.58	<10	<10	87	<10	33	
S437005		30	<20	0.05	<10	<10	42	<10	10	
S437006		9	<20	0.01	<10	<10	77	<10	43	
S437007		87	<20	0.23	10	<10	1	<10	32	
S437008		113	<20	0.46	10	<10	308	<10	62	
S437009		115	<20	0.42	<10	<10	266	<10	91	
S437010		42	<20	0.55	<10	<10	175	<10	51	
S437011		123	<20	1.40	<10	<10	305	<10	33	
S437012		179	<20	0.60	<10	<10	7	<10	2490	
S437013		29	<20	0.03	<10	<10	15	<10	14	
S437014		84	<20	0.67	<10	<10	274	<10	47	
S437015		260	<20	0.28	<10	<10	81	<10	14	
S437016		27	<20	0.07	<10	<10	46	<10	67	
S437017		67	<20	0.10	<10	<10	43	<10	71	
S437018		39	<20	0.28	<10	<10	137	<10	447	
S437019		425	<20	1.15	<10	<10	762	<10	78	
S437020		396	<20	0.53	<10	<10	147	<10	101	
S437021		40	<20	0.28	<10	<10	1	<10	56	
S437022		56	<20	0.24	<10	<10	394	10	13	
S437023		12	<20	1.14	<10	<10	52	<10	99	
S437024		216	<20	0.36	<10	<10	17	<10	14	
S437025		56	<20	1.12	<10	<10	84	<10	96	
S437026		40	<20	1.26	<10	<10	85	<10	68	
S437027		22	<20	1.29	<10	<10	98	<10	148	
S437028		6	<20	0.01	<10	<10	14	<10	22	
S437029		34	<20	0.05	<10	<10	29	<10	34	
S437030		38	<20	0.13	<10	<10	56	<10	73	
S437031		35	<20	0.02	<10	<10	18	<10	42	
S437032		6	<20	<0.01	<10	<10	3	<10	9	
S437033		94	<20	0.01	<10	<10	9	<10	31	
S437034		71	<20	0.02	<10	<10	21	<10	55	
S437035		30	<20	0.03	<10	<10	37	<10	49	
S437036		18	<20	0.04	<10	<10	66	<10	70	
S437037		12	<20	<0.01	<10	<10	3	<10	18	
S437038		19	<20	0.04	<10	<10	41	<10	61	
S437039		58	<20	0.04	<10	<10	38	<10	90	
S437040		262	<20	0.36	<10	<10	136	40	280	

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CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S437041		0.84	8.27	7.40	1.2	1.97	<5	560	1.5	<2	0.18	<0.5	2	28	28	
S437042		0.78	9.81	9.87	0.8	2.57	8	750	2.2	<2	0.14	<0.5	5	33	106	
S437043		3.96	1.955		0.8	2.24	46	660	1.4	<2	0.22	<0.5	9	41	150	
S437044		4.26	8.30	8.15	1.1	2.27	1160	190	1.4	<2	0.21	<0.5	10	37	296	
S437045		2.95	>10.0	9.54	1.2	2.09	50	250	1.3	<2	0.18	<0.5	8	37	387	
S437046		2.86	4.70	5.30	1.0	1.82	27	500	1.2	<2	0.42	<0.5	2	37	133	
S437047		1.34	2.17		<0.5	1.28	211	320	1.0	<2	0.29	<0.5	5	33	226	
S437048		1.42	>10.0	11.15	1.9	1.85	12	100	1.2	2	0.35	<0.5	8	34	462	
S437049		1.25	>10.0	21.6	12.0	1.71	4100	300	1.1	<2	0.18	<0.5	8	38	162	
S437050		1.31	0.067		<0.5	2.33	41	180	1.1	<2	0.23	0.5	6	24	280	
S435944		0.80	0.011		<0.5	4.47	375	340	1.2	<2	0.39	<0.5	10	14	5	
S435945		1.38	<0.005		<0.5	7.15	99	860	1.6	<2	0.56	<0.5	8	47	5	
S435946		1.37	<0.005		<0.5	7.66	19	880	1.3	<2	0.62	<0.5	8	56	19	
S435947		0.91	<0.005		<0.5	6.41	20	320	1.5	2	0.66	<0.5	6	26	36	
S435948		1.02	0.005		<0.5	1.10	12	30	<0.5	<2	0.56	<0.5	2	43	13	
S435949		1.05	<0.005		<0.5	5.72	204	460	0.6	<2	0.20	<0.5	6	40	3	
S435950		1.39	<0.005		<0.5	4.31	38	210	<0.5	<2	0.14	<0.5	3	40	3	
S435951		0.99	0.005		<0.5	7.53	11	10	<0.5	<2	8.04	<0.5	36	17	250	
S435952		0.82	<0.005		<0.5	7.61	184	10	<0.5	2	2.97	0.5	42	66	180	
S435953		0.83	<0.005		<0.5	7.63	<5	10	<0.5	2	6.41	<0.5	40	176	4	
S435954		0.94	<0.005		<0.5	8.01	5	10	<0.5	<2	9.10	<0.5	31	488	9	
S435955		0.44	0.131		5.6	1.03	2900	10	<0.5	2	7.53	4.9	446	17	>10000	1.515
S435956		0.89	<0.005		<0.5	6.91	374	110	<0.5	2	4.93	<0.5	62	657	534	
S435957		0.95	<0.005		<0.5	7.00	60	160	<0.5	<2	6.60	0.6	32	669	42	
S435958		1.51	<0.005		<0.5	5.66	<5	100	0.9	<2	3.09	<0.5	17	6	26	
S435959		1.20	<0.005		<0.5	5.74	<5	80	0.8	2	4.27	<0.5	17	6	13	
S435960		0.82	0.005		<0.5	8.05	<5	1110	1.1	<2	2.84	<0.5	28	113	93	
S435961		1.17	<0.005		<0.5	7.29	25	750	1.9	<2	0.32	<0.5	8	53	4	
S435962		0.98	0.016		<0.5	7.15	577	770	1.5	<2	0.58	<0.5	7	47	4	
S435963		1.32	0.005		<0.5	4.94	10	370	0.7	<2	1.46	0.5	5	44	7	
S435964		0.96	<0.005		<0.5	8.46	22	610	2.1	<2	1.58	<0.5	9	68	66	
S435965		1.44	<0.005		<0.5	1.11	<5	40	<0.5	<2	0.05	<0.5	1	36	2	
S435966		1.23	0.021		67.8	2.20	15	100	<0.5	2	6.57	637	6	33	8	
S435967		1.24	0.005		8.3	6.09	30	300	1.1	<2	3.97	138.5	5	47	5	
S435968		1.01	0.009		<0.5	8.70	1990	640	1.8	2	0.57	<0.5	11	51	4	
S435969		1.24	<0.005		<0.5	5.61	15	480	0.6	<2	0.48	<0.5	6	23	1	
S435970		1.38	0.038		70.6	0.22	10	20	<0.5	2	1.65	569	10	37	27	
S435971		1.09	<0.005		<0.5	7.22	6	320	2.6	<2	0.79	0.6	24	104	64	
S435972		1.54	<0.005		<0.5	6.95	37	230	0.9	<2	1.47	<0.5	9	49	33	
S435973		1.14	0.082		<0.5	5.27	>10000	420	1.2	<2	2.59	<0.5	9	46	7	

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CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1
S437041		14.50	10	0.67	10	1.53	2050	<1	0.54	8	310	17		0.32	<5	4
S437042		20.7	10	0.94	10	2.04	2810	<1	0.41	15	190	19		1.79	<5	5
S437043		15.80	10	0.97	10	1.71	2510	<1	0.18	22	620	57		1.53	<5	6
S437044		19.10	10	0.97	10	1.92	2840	<1	0.11	22	530	11		2.92	<5	8
S437045		18.30	10	0.99	10	1.34	2220	<1	0.05	13	880	10		2.54	5	5
S437046		15.15	10	0.59	10	1.44	2420	<1	0.39	8	730	9		1.55	<5	4
S437047		13.65	10	0.51	10	1.16	2050	<1	0.10	7	490	9		3.01	<5	4
S437048		18.30	10	0.93	10	1.57	2240	<1	0.02	15	1270	10		4.41	5	6
S437049		16.15	10	0.84	10	2.11	2440	1	0.03	14	270	31		3.34	<5	9
S437050		21.1	10	0.98	10	1.72	3340	2	0.23	10	640	70		3.05	<5	9
S435944		5.35	20	1.55	10	0.09	886	<1	1.03	2	370	2		0.04	5	13
S435945		3.97	20	2.83	30	0.61	723	1	1.72	14	290	7		0.02	<5	11
S435946		4.26	20	2.65	30	0.66	831	1	2.47	18	300	8		0.07	5	12
S435947		6.26	20	0.51	20	0.53	1005	1	3.38	7	420	4		0.58	5	18
S435948		1.40	<10	0.12	<10	0.06	650	1	0.73	4	30	<2		0.09	<5	3
S435949		3.57	10	1.15	20	0.38	645	<1	2.72	8	270	5		0.02	<5	10
S435950		1.99	10	0.59	20	0.16	360	1	2.58	5	220	<2		0.01	<5	8
S435951		6.80	20	0.04	<10	4.35	1310	<1	1.02	73	110	3		0.02	<5	43
S435952		10.85	10	0.01	<10	7.19	1635	<1	0.11	80	50	17		0.39	<5	30
S435953		5.21	10	0.03	<10	6.45	1070	<1	0.91	129	60	<2		<0.01	<5	33
S435954		4.48	10	0.05	<10	6.52	1000	<1	0.62	126	60	3		<0.01	<5	33
S435955		3.26	<10	0.01	<10	1.24	360	<1	0.02	892	10	8		1.48	<5	1
S435956		6.18	10	0.53	<10	5.41	1010	<1	1.00	262	150	2		0.03	<5	42
S435957		5.30	10	1.73	<10	4.39	1115	<1	0.51	165	130	<2		<0.01	<5	39
S435958		8.65	20	0.33	10	0.67	1935	<1	2.42	<1	1740	5		0.23	<5	34
S435959		10.10	20	0.20	10	0.27	1910	<1	1.30	<1	1760	3		0.01	<5	39
S435960		7.16	20	1.80	20	2.32	869	1	2.24	80	940	14		0.24	<5	26
S435961		2.98	20	2.42	40	0.44	469	<1	2.50	20	370	6		0.01	6	9
S435962		4.21	20	2.14	30	0.68	865	<1	2.51	13	320	9		0.05	<5	13
S435963		2.09	10	1.07	20	0.37	547	<1	2.40	7	180	9		0.07	<5	8
S435964		4.36	20	2.99	60	1.02	1020	1	1.84	26	260	46		0.12	<5	15
S435965		0.74	<10	0.13	<10	0.03	154	<1	0.70	2	40	5		<0.01	<5	2
S435966		6.37	10	0.50	10	1.08	1900	<1	0.97	10	210	>10000	5.45	2.62	70	5
S435967		3.84	20	1.59	30	0.72	1255	<1	2.42	13	360	7150		0.43	11	9
S435968		4.12	20	2.85	40	0.69	773	1	2.92	23	380	34		0.11	5	12
S435969		9.78	20	2.07	10	1.74	1480	<1	0.56	32	120	11		<0.01	5	8
S435970		3.20	<10	0.05	<10	0.24	742	<1	0.08	3	120	>10000	4.77	2.49	54	2
S435971		7.40	20	2.60	10	1.41	531	2	2.57	63	230	69		2.01	<5	13
S435972		4.96	20	0.85	20	0.76	998	<1	3.76	11	470	44		0.28	<5	16
S435973		3.66	20	1.72	20	0.51	1175	<1	1.68	15	210	14		0.75	5	12

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Finalisée date: 3- NOV- 2016
Compte: MIDEXP

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CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S437041		36	<20	0.03	<10	<10	43	<10	69	
S437042		33	<20	0.05	<10	<10	52	<10	83	
S437043		24	<20	0.05	<10	<10	72	<10	88	
S437044		18	<20	0.05	<10	<10	82	<10	87	
S437045		12	<20	0.05	<10	<10	65	<10	68	
S437046		51	<20	0.04	<10	<10	53	<10	74	
S437047		19	<20	0.03	<10	<10	48	<10	54	
S437048		17	<20	0.05	<10	<10	73	<10	66	
S437049		9	<20	0.05	<10	<10	72	<10	68	
S437050		29	<20	0.03	<10	<10	77	<10	102	
S435944		39	<20	0.16	<10	<10	2	<10	23	
S435945		66	<20	0.20	<10	<10	69	<10	46	
S435946		107	<20	0.16	<10	<10	71	<10	43	
S435947		69	<20	0.33	<10	<10	30	<10	68	
S435948		21	<20	0.01	<10	<10	6	<10	6	
S435949		90	<20	0.14	<10	<10	45	<10	38	
S435950		66	<20	0.14	<10	<10	30	<10	33	
S435951		109	<20	0.27	<10	<10	217	<10	62	
S435952		34	<20	0.18	<10	<10	150	<10	147	
S435953		63	<20	0.15	<10	<10	153	<10	47	
S435954		85	<20	0.14	<10	<10	129	<10	39	
S435955		6	<20	<0.01	<10	<10	24	<10	65	
S435956		64	<20	0.09	<10	<10	202	<10	70	
S435957		175	<20	0.12	<10	<10	197	<10	76	
S435958		116	<20	0.67	<10	<10	4	<10	42	
S435959		230	<20	0.68	<10	<10	1	<10	53	
S435960		527	<20	0.64	<10	<10	188	<10	125	
S435961		105	<20	0.17	<10	<10	50	<10	31	
S435962		88	<20	0.15	<10	<10	65	<10	43	
S435963		94	<20	0.08	<10	<10	37	<10	73	
S435964		84	<20	0.20	<10	<10	97	<10	46	
S435965		18	<20	0.03	<10	<10	7	<10	9	
S435966		164	<20	0.04	<10	<10	19	<10	>10000	3.40
S435967		124	<20	0.18	<10	<10	57	10	6740	
S435968		74	<20	0.18	<10	<10	78	<10	52	
S435969		32	<20	0.03	<10	<10	75	<10	99	
S435970		34	<20	<0.01	<10	<10	3	<10	>10000	3.22
S435971		128	<20	0.34	<10	<10	277	<10	80	
S435972		139	<20	0.33	<10	<10	58	<10	62	
S435973		70	<20	0.15	<10	<10	55	<10	76	

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CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S435974		1.39	<0.005		<0.5	2.25	19	20	0.6	3	0.09	<0.5	33	46	250	
S435975		1.02	0.006		11.2	3.21	30	100	2.5	15	0.40	2.0	5	25	6	
S435976		0.94	<0.005		<0.5	5.98	22	130	2.5	<2	0.37	<0.5	25	27	116	
S435977		1.52	7.36	7.12	1.4	5.39	>10000	150	0.8	<2	0.60	<0.5	9	26	81	
S435978		1.18	0.024		1.1	1.70	292	60	0.7	<2	1.21	0.6	1	29	2	
S435979		1.36	0.064		<0.5	6.39	303	200	1.4	<2	0.73	<0.5	4	30	70	
S435980		0.11	4.06	4.14	0.7	6.91	31	590	0.8	<2	2.41	1.1	17	61	143	
S435981		1.15	<0.005		<0.5	0.69	5	10	<0.5	2	0.06	<0.5	2	32	2	
S435982		1.29	0.005		<0.5	6.22	21	520	1.3	<2	2.26	<0.5	8	47	12	
S435983		0.94	0.026		<0.5	2.15	11	1300	1.0	<2	0.66	0.7	7	28	28	
S435984		1.14	<0.005		0.8	1.23	5	20	<0.5	4	6.36	0.5	4	32	24	
S435985		1.28	<0.005		<0.5	4.18	7	90	0.5	<2	1.11	<0.5	4	51	238	
S435986		0.93	0.032		<0.5	5.69	2120	450	1.6	<2	0.54	<0.5	2	15	20	
S435987		1.44	0.007		<0.5	3.30	8	20	<0.5	<2	4.94	1.2	58	357	470	
S435988		0.92	0.013		<0.5	6.17	1520	170	1.4	<2	0.25	0.7	3	21	21	
S435989		1.36	0.123		<0.5	6.09	8	150	1.5	<2	0.77	1.0	2	22	5	
S435990		1.07	<0.005		<0.5	2.98	<5	10	<0.5	<2	0.03	<0.5	181	30	374	
S435991		1.16	0.006		<0.5	7.00	9	110	<0.5	<2	6.38	<0.5	43	104	115	
S435992		1.09	<0.005		<0.5	7.69	6	260	0.5	<2	6.35	<0.5	36	161	76	
S435993		1.08	<0.005		<0.5	7.13	34	40	<0.5	<2	5.60	0.8	33	141	131	
S435994		1.17	0.005		<0.5	6.14	<5	10	<0.5	<2	7.08	1.4	40	305	1255	
S435995		1.24	0.009		<0.5	2.61	31	20	<0.5	<2	17.1	0.7	7	13	2	
S435996		0.81	<0.005		<0.5	0.63	26	<10	<0.5	<2	32.0	<0.5	1	3	2	
S435997		0.82	<0.005		<0.5	7.97	44	280	1.3	<2	1.12	<0.5	16	107	11	
S435998		1.15	<0.005		<0.5	4.44	<5	670	0.9	<2	16.2	<0.5	5	8	7	
S435999		0.87	<0.005		<0.5	6.30	6	250	0.6	<2	4.96	<0.5	10	21	7	
S436000		0.88	<0.005		<0.5	7.92	<5	1240	1.1	<2	2.63	<0.5	24	115	40	
S434563		1.01	<0.005		<0.5	1.37	<5	10	<0.5	<2	1.70	<0.5	18	87	58	
S434564		0.88	<0.005		<0.5	0.77	<5	10	<0.5	<2	0.32	1.0	40	60	113	
S434565		0.87	<0.005		<0.5	2.83	<5	10	<0.5	<2	2.58	<0.5	14	109	32	
S434566		0.94	<0.005		<0.5	5.37	12	<10	0.6	<2	4.83	0.5	30	89	186	
S434567		0.93	0.008		<0.5	3.60	<5	10	<0.5	<2	2.19	<0.5	18	64	168	
S434568		0.84	0.011		0.5	7.88	<5	60	<0.5	<2	6.45	0.6	117	55	3620	
S434569		1.13	0.011		1.8	0.03	<5	<10	<0.5	<2	0.04	1.4	677	19	4320	
S434570		0.92	0.054		3.0	0.50	<5	10	<0.5	<2	0.38	2.7	10	39	5520	
S434571		0.90	<0.005		<0.5	7.89	<5	10	1.3	<2	2.69	0.5	29	140	77	
S434572		1.30	<0.005		<0.5	7.31	<5	10	1.4	<2	3.16	0.8	39	126	81	
S434573		0.94	<0.005		<0.5	7.19	<5	10	0.9	<2	3.54	<0.5	75	128	403	
S434574		1.02	<0.005		<0.5	6.39	<5	30	<0.5	<2	2.59	<0.5	28	44	122	
S434575		0.60	0.026		<0.5	4.31	<5	30	<0.5	<2	5.42	1.8	27	144	1460	

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S435974		27.9	10	0.05	10	1.38	406	29	0.01	217	420	15		>10.0	<5	10
S435975		3.73	10	0.38	20	0.46	1090	1	1.23	13	150	6240		0.14	<5	9
S435976		4.31	10	0.31	20	0.31	459	1	3.99	8	380	18		1.18	<5	14
S435977		6.71	20	0.51	20	0.54	594	1	2.87	6	450	22		1.89	<5	18
S435978		1.35	<10	0.17	10	0.09	572	<1	1.00	4	100	928		0.04	<5	4
S435979		5.92	20	0.54	20	0.62	653	1	3.43	7	360	5		0.88	<5	16
S435980		5.11	20	1.09	10	1.50	854	8	2.16	42	740	49		0.14	<5	16
S435981		1.38	<10	0.02	<10	0.20	204	<1	0.21	5	30	81		0.01	<5	1
S435982		4.19	20	1.78	20	0.82	909	1	2.41	19	190	4		0.13	<5	10
S435983		16.95	<10	0.95	10	0.81	3780	<1	0.14	10	490	4		0.85	<5	3
S435984		2.04	<10	0.03	<10	0.60	846	<1	0.37	12	70	258		0.12	<5	3
S435985		2.89	10	0.22	10	0.53	480	<1	2.36	8	570	53		0.07	<5	36
S435986		2.69	10	0.69	40	0.19	534	<1	3.50	3	390	3		0.40	<5	14
S435987		16.95	<10	0.05	10	4.78	2120	<1	0.38	243	270	5		3.70	<5	9
S435988		2.75	20	0.36	30	0.28	418	<1	4.12	3	320	3		0.29	<5	17
S435989		2.29	20	0.39	20	0.32	436	<1	4.01	5	570	5		0.06	<5	21
S435990		5.39	10	0.04	<10	0.40	500	1	1.83	28	10	11		2.77	<5	2
S435991		7.77	20	0.77	<10	3.93	1735	<1	2.01	72	290	<2		0.39	<5	37
S435992		8.26	20	1.90	<10	4.31	1850	<1	0.67	78	260	<2		0.22	<5	44
S435993		8.24	20	0.25	<10	4.39	1535	<1	2.50	71	250	<2		0.38	<5	39
S435994		4.43	20	0.08	<10	3.04	859	<1	0.79	128	110	3		0.29	<5	24
S435995		3.89	10	0.09	10	1.32	1925	<1	0.61	16	150	<2		<0.01	<5	31
S435996		1.47	<10	0.01	<10	0.47	2590	<1	0.01	1	20	4		<0.01	<5	24
S435997		4.49	20	0.96	20	1.31	646	<1	4.17	63	190	2		0.05	<5	17
S435998		2.15	10	4.14	10	0.68	1105	<1	0.37	9	20	2		0.05	5	13
S435999		7.20	20	1.22	10	2.72	1730	<1	0.11	27	70	2		0.10	<5	41
S436000		6.86	20	1.99	20	2.17	929	1	2.10	62	1070	14		0.09	<5	27
S434563		4.65	<10	0.03	<10	1.75	574	<1	0.18	37	330	<2		0.34	<5	17
S434564		4.32	<10	0.02	<10	0.44	220	<1	0.08	85	120	3		1.77	<5	4
S434565		4.99	10	0.02	<10	2.45	845	<1	0.98	34	130	<2		0.17	<5	28
S434566		6.60	20	0.01	<10	2.47	1550	<1	0.50	75	180	2		0.05	<5	26
S434567		3.88	10	0.02	<10	1.52	582	<1	0.55	31	180	<2		0.03	<5	13
S434568		11.45	20	0.19	<10	4.61	1130	<1	0.96	1145	230	3		2.00	<5	16
S434569		16.60	<10	<0.01	<10	0.02	58	<1	0.01	1710	30	<2		>10.0	<5	<1
S434570		3.88	<10	0.01	<10	0.26	183	<1	0.05	21	170	<2		0.71	<5	2
S434571		10.60	20	0.03	<10	5.66	797	<1	2.92	73	610	<2		0.95	<5	48
S434572		11.15	20	0.02	<10	5.65	814	<1	2.36	100	540	<2		0.83	<5	41
S434573		11.45	20	0.02	<10	4.84	768	<1	2.08	116	490	3		1.98	<5	41
S434574		6.00	10	0.05	10	2.66	1075	1	1.85	23	760	4		0.28	<5	21
S434575		4.84	10	0.08	<10	2.87	1035	<1	0.37	60	330	3		0.20	<5	34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 3- NOV- 2016
Compte: MIDEXP

Projet: WILLIBOB PROJECT

CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S435974		1	<20	0.10	<10	10	408	<10	160	
S435975		24	<20	0.05	<10	<10	25	<10	69	
S435976		66	<20	0.17	<10	<10	15	<10	93	
S435977		34	<20	0.25	<10	<10	24	<10	65	
S435978		30	<20	0.05	10	<10	8	<10	21	
S435979		68	<20	0.19	<10	<10	23	<10	59	
S435980		270	<20	0.36	10	<10	141	40	288	
S435981		4	<20	0.01	<10	<10	7	<10	18	
S435982		131	<20	0.14	<10	<10	58	<10	31	
S435983		41	<20	0.06	<10	<10	24	<10	83	
S435984		82	<20	0.11	<10	<10	38	<10	15	
S435985		45	<20	0.33	<10	<10	47	<10	36	
S435986		63	<20	0.15	<10	<10	3	<10	31	
S435987		128	<20	0.13	<10	<10	51	<10	52	
S435988		63	<20	0.22	<10	<10	6	<10	100	
S435989		44	<20	0.30	<10	<10	3	<10	101	
S435990		6	<20	0.06	<10	<10	12	<10	43	
S435991		987	<20	0.39	<10	<10	224	<10	42	
S435992		331	<20	0.44	<10	<10	286	<10	44	
S435993		237	<20	0.46	<10	<10	284	<10	50	
S435994		147	<20	0.17	10	<10	145	<10	68	
S435995		212	<20	0.15	<10	<10	108	<10	31	
S435996		360	<20	<0.01	<10	<10	33	<10	12	
S435997		68	<20	0.36	<10	<10	120	<10	38	
S435998		88	<20	0.28	<10	<10	91	<10	29	
S435999		168	<20	0.70	<10	<10	223	<10	70	
S436000		478	<20	0.60	<10	<10	168	<10	129	
S434563		18	<20	0.25	<10	<10	105	<10	66	
S434564		11	<20	0.01	<10	<10	36	<10	254	
S434565		35	<20	0.44	<10	<10	171	<10	97	
S434566		121	<20	0.41	10	<10	230	<10	83	
S434567		70	<20	0.22	<10	<10	159	<10	45	
S434568		135	<20	0.37	<10	<10	193	<10	84	
S434569		<1	<20	<0.01	<10	<10	1	<10	146	
S434570		6	<20	0.03	<10	<10	24	<10	72	
S434571		16	<20	0.96	<10	<10	457	<10	34	
S434572		35	<20	0.86	<10	<10	402	<10	31	
S434573		48	<20	0.85	<10	<10	395	<10	37	
S434574		43	<20	0.42	<10	<10	72	<10	83	
S434575		83	<20	0.45	<10	<10	200	<10	79	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 3- NOV- 2016
Compte: MIDEXP

Projet: WILLIBOB PROJECT

CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S434576		0.52	0.016		<0.5	4.87	<5	40	<0.5	<2	5.85	1.7	34	210	1920	

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Finalisée date: 3- NOV- 2016
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Projet: WILLIBOB PROJECT

CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1
S434576		5.26	10	0.17	<10	3.08	1180	<1	0.64	65	180	<2		0.24	<5	27

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Finalisée date: 3- NOV- 2016
Compte: MIDEXP

Projet: WILLIBOB PROJECT

CERTIFICAT D'ANALYSE VO16173372

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
S434576		75	<20	0.22	<10	<10	156	<10	87	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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ROSEMÈRE QC J7A 2H1

Finalisée date: 3- NOV- 2016
Compte: MIDEXP

Projet: WILLIBOB PROJECT

CERTIFICAT D'ANALYSE VO16173372

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
LOG- 24	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Cu- OG62	ME- ICP61	ME- OG62	Pb- OG62
Zn- OG62			

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 8- NOV- 2016
Compte: MIDEXP

CERTIFICAT VO16174780

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 18 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 13- OCT- 2016.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION MIDLAND INC
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Finalisée date: 8- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174780

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S434577		1.68	0.266		<0.5	5.74	144	70	<0.5	5	1.67	0.5	41	2	50	18.95
S434578		1.62	0.372		<0.5	6.32	1340	80	0.5	7	0.55	<0.5	26	1	119	21.7
S434579		2.13	1.215		<0.5	5.89	95	160	0.6	<2	0.78	<0.5	37	1	30	19.65
S434580		0.11	4.01	3.85	0.7	7.04	30	600	0.8	<2	2.42	0.9	18	59	145	5.23
S434581		1.87	5.79	5.74	1.0	5.14	67	60	<0.5	5	2.65	<0.5	40	3	125	17.00
S434582		1.88	0.019		0.5	6.00	143	30	<0.5	<2	2.26	<0.5	39	1	216	19.90
S434583		2.16	0.059	<0.05	<0.5	5.47	49	50	<0.5	2	1.30	<0.5	51	1	11	21.7
S434584		2.81	<0.005		<0.5	5.77	40	140	0.7	2	1.95	<0.5	37	2	11	17.30
S434585		2.09	0.038		<0.5	5.67	44	110	0.5	3	3.04	<0.5	38	1	4	18.30
S434586		2.06	<0.005		<0.5	5.16	43	140	0.5	2	3.01	<0.5	40	<1	3	18.55
S434587		0.45	0.008		<0.5	6.54	<5	190	0.7	<2	0.82	<0.5	10	11	101	7.27
S434588		1.14	0.135		<0.5	6.35	5	220	0.9	3	2.02	<0.5	13	7	96	8.65
S434589		1.21	<0.005		<0.5	2.91	7	310	1.1	<2	0.20	<0.5	4	37	15	2.65
S434590		1.29	0.161		<0.5	6.74	<5	540	1.0	<2	2.30	<0.5	10	11	57	6.72
S434591		1.00	0.006		<0.5	3.66	<5	120	<0.5	<2	2.44	<0.5	18	197	67	2.75
S434592		1.23	0.007		<0.5	6.85	30	20	<0.5	<2	6.71	<0.5	25	353	12	4.43
S434593		1.08	0.129		2.7	7.64	275	10	<0.5	3	8.63	4.3	169	528	6080	7.42
S434594		1.71	0.012		<0.5	8.33	112	80	<0.5	<2	5.35	0.6	141	64	630	10.20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 8- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174780

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S434577		20	0.39	10	1.11	2970	<1	0.77	7	3460	8	0.51	<5	39	58	<20
S434578		20	0.39	10	1.13	2340	<1	1.76	3	3890	10	0.86	<5	44	59	<20
S434579		20	0.45	10	1.14	3230	<1	1.21	3	3310	11	0.53	<5	43	48	<20
S434580		20	1.10	10	1.51	845	7	2.19	42	760	49	0.15	8	16	273	<20
S434581		20	0.25	10	0.82	2730	<1	1.71	4	2880	19	2.41	<5	38	90	<20
S434582		20	0.20	10	0.89	2330	<1	2.23	5	3370	67	3.99	<5	43	95	<20
S434583		20	0.12	10	1.03	3370	<1	0.36	5	3040	6	0.17	5	42	30	<20
S434584		20	0.34	10	0.84	3330	<1	1.70	3	2780	5	0.08	<5	42	70	<20
S434585		20	0.25	10	0.82	3360	<1	1.57	4	2920	7	0.03	<5	42	98	<20
S434586		20	0.32	10	0.83	3570	<1	1.20	4	2850	5	0.03	<5	40	96	<20
S434587		20	0.54	10	0.49	701	<1	3.16	4	660	8	0.68	<5	24	113	<20
S434588		20	0.80	10	0.59	760	<1	2.15	1	870	5	1.32	<5	30	100	<20
S434589		20	1.08	<10	0.16	183	<1	0.30	3	160	2	0.16	<5	10	10	<20
S434590		20	1.37	10	0.28	1245	<1	3.15	2	1490	5	0.94	<5	24	81	<20
S434591		10	0.66	<10	2.54	511	<1	0.05	55	310	7	0.03	<5	18	12	<20
S434592		10	0.22	<10	4.22	989	<1	1.31	90	90	10	0.01	<5	36	90	<20
S434593		10	0.04	<10	5.36	956	<1	1.49	943	160	8	1.57	6	41	70	<20
S434594		20	0.17	10	4.02	1175	<1	2.27	783	100	11	2.24	6	25	410	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 8- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174780

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S434577		0.99	<10	<10	8	<10	146
S434578		1.09	<10	<10	39	<10	103
S434579		0.99	<10	<10	5	<10	116
S434580		0.37	<10	<10	140	40	284
S434581		0.84	<10	<10	16	<10	73
S434582		1.01	<10	<10	34	<10	73
S434583		0.88	<10	<10	2	<10	113
S434584		0.86	10	<10	2	<10	77
S434585		0.90	<10	<10	2	<10	75
S434586		0.87	<10	<10	2	<10	77
S434587		0.44	<10	<10	8	<10	54
S434588		0.45	<10	<10	1	10	57
S434589		0.03	<10	<10	2	<10	15
S434590		0.51	<10	<10	1	20	20
S434591		0.17	<10	<10	97	<10	33
S434592		0.12	<10	<10	146	<10	33
S434593		0.25	<10	<10	195	<10	90
S434594		0.44	<10	<10	187	<10	80

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 8- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174780

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
LOG- 24	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 8- NOV- 2016
Compte: MIDEXP

CERTIFICAT VO16174795

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 12 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 13- OCT- 2016.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
OA- HSUL10	Manipulation des échantillons de sulfure

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- OG62	Teneur marchande Cu - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 8- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174795

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	Cu- OG62 Cu % 0.001
S434551		1.47	1.365		9.2	0.25	4350	10	<0.5	128	0.16	<0.5	368	10	>10000	1.295
S434552		1.60	2.60		11.2	0.15	7740	10	<0.5	212	0.89	<0.5	598	9	8830	
S434553		2.08	3.44	2.68	13.6	0.14	8800	10	<0.5	226	1.24	<0.5	702	6	>10000	1.215
S434554		1.61	1.355		7.4	0.03	1395	<10	<0.5	138	0.03	<0.5	53	10	825	
S434555		1.60	0.486		4.4	0.01	9210	<10	<0.5	101	0.01	<0.5	408	5	>10000	1.365
S434556		1.65	0.097		1.0	0.17	2990	10	<0.5	29	0.17	<0.5	276	3	2640	
S434557		1.81	3.60	4.34	13.9	0.08	>10000	<10	<0.5	322	0.12	<0.5	809	13	5700	
S434558		1.75	0.562		7.1	0.01	3490	<10	<0.5	55	<0.01	<0.5	353	5	9410	
S434559		1.25	0.395		6.3	0.04	6770	<10	<0.5	79	0.01	<0.5	327	2	>10000	1.435
S434560		0.92	0.005		<0.5	6.31	92	1010	0.9	<2	2.01	<0.5	20	95	175	
S434561		1.82	0.768		5.7	0.03	>10000	<10	<0.5	124	0.01	<0.5	974	7	6600	
S434562		1.05	0.078		2.3	0.11	1525	<10	<0.5	26	0.11	<0.5	320	3	6840	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 8- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16174795

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
S434551		40.7	<10	0.06	20	0.11	42	10	0.03	183	70	81	>10.0	30	2	4
S434552		43.7	<10	0.05	40	0.07	165	11	0.01	101	30	135	>10.0	83	2	9
S434553		46.0	<10	0.04	30	0.07	237	15	0.01	114	10	148	>10.0	80	1	12
S434554		38.4	<10	0.01	10	0.01	18	6	<0.01	17	<10	127	>10.0	46	<1	1
S434555		47.4	<10	<0.01	10	0.01	79	3	<0.01	206	<10	76	>10.0	18	<1	2
S434556		>50	<10	0.01	10	0.16	32	11	0.08	261	330	13	>10.0	<5	1	3
S434557		39.7	<10	0.02	60	0.03	22	13	<0.01	45	60	144	>10.0	143	1	5
S434558		>50	<10	<0.01	10	0.01	<5	5	<0.01	213	10	27	>10.0	<5	<1	2
S434559		47.6	<10	0.01	20	0.02	51	6	0.01	194	10	51	>10.0	13	<1	2
S434560		8.22	10	1.39	20	1.59	611	1	1.76	41	860	8	0.43	<5	19	415
S434561		48.3	<10	0.01	10	0.01	<5	5	0.01	248	10	59	>10.0	100	<1	3
S434562		47.2	<10	0.01	90	0.07	34	7	<0.01	285	590	8	>10.0	<5	<1	5

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CERTIFICAT D'ANALYSE VO16174795

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S434551		<20	0.01	<10	<10	20	<10	376
S434552		<20	0.01	<10	<10	22	<10	236
S434553		<20	0.01	<10	<10	19	<10	255
S434554		<20	<0.01	<10	<10	6	<10	55
S434555		<20	<0.01	<10	10	3	<10	460
S434556		<20	0.01	<10	10	16	<10	11
S434557		<20	<0.01	<10	<10	16	<10	321
S434558		<20	<0.01	<10	10	4	<10	191
S434559		<20	<0.01	<10	<10	6	<10	254
S434560		<20	0.44	<10	<10	124	<10	79
S434561		<20	<0.01	<10	10	3	<10	89
S434562		<20	0.01	<10	<10	7	<10	100

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CERTIFICAT D'ANALYSE VO16174795

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
OA- HSUL10	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Cu- OG62	ME- ICP61	ME- OG62

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 31- OCT- 2016
Cette copie a fait un rapport sur
29- NOV- 2016
Compte: MIDEXP

CERTIFICAT VO16182628

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 30 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

JEAN- FRANÇOIS LARIVIÈRE RICHARD ST- CYR	MARIO MASSON	GINO ROGER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16182628

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
S435831		1.26	<0.005		<0.5	6.31	32	430	1.3	<2	4.43	<0.5	25	4	4	9.48
S435832		1.07	>10.0	13.20	1.3	6.44	101	70	0.6	3	1.02	<0.5	37	2	168	21.7
S435833		0.75	0.012		<0.5	5.52	48	50	0.5	2	1.93	<0.5	42	2	8	17.55
S435834		0.89	0.007		<0.5	5.65	36	40	0.6	4	2.45	<0.5	44	2	38	17.90
S435835		0.64	0.056		<0.5	5.78	157	90	0.5	2	1.38	<0.5	45	2	7	18.75
S435836		0.71	0.071		<0.5	5.86	129	130	0.5	<2	0.82	<0.5	37	2	15	18.35
S435837		1.49	0.046		<0.5	5.86	83	20	<0.5	2	1.53	<0.5	37	2	14	19.10
S435838		1.23	<0.005		<0.5	5.15	30	190	0.6	2	3.22	<0.5	45	1	8	20.4
S435839		1.01	1.415		<0.5	7.03	4860	20	0.6	3	1.04	<0.5	36	2	114	16.15
S435840		0.75	0.007		<0.5	7.42	12	1260	0.9	<2	2.77	<0.5	27	130	45	7.09
S435841		0.76	0.025		<0.5	7.53	152	20	0.8	2	2.94	<0.5	41	3	69	14.05
S435842		1.09	0.266		<0.5	7.02	376	40	0.7	4	2.48	<0.5	38	7	98	13.35
S435843		1.30	0.059		<0.5	8.35	1450	30	0.8	3	0.90	<0.5	35	3	173	17.30
S435844		0.78	0.067		<0.5	7.78	317	50	0.8	3	0.94	4.4	45	5	246	15.85
S435845		1.15	0.179		<0.5	6.86	73	20	0.6	5	2.37	3.3	46	3	112	15.60
S435846		1.34	0.107		<0.5	6.21	45	10	0.6	2	1.87	1.2	41	2	57	13.85
S435847		0.56	0.357		<0.5	6.52	3980	20	0.7	3	1.73	<0.5	60	4	224	15.45
S435848		0.97	0.042		<0.5	7.16	522	20	0.8	<2	1.40	<0.5	32	5	272	16.30
S435849		1.13	0.057		<0.5	6.70	595	30	0.8	<2	4.44	<0.5	41	3	245	14.20
S435850		1.33	0.022		<0.5	6.25	54	80	0.8	<2	2.03	<0.5	39	4	43	12.55
S435851		1.15	0.048		<0.5	4.46	1690	10	<0.5	5	3.70	<0.5	16	9	54	12.55
S435852		0.78	<0.005		<0.5	5.85	232	10	0.6	<2	2.14	<0.5	5	15	5	2.26
S435853		0.77	0.146		<0.5	6.98	1040	10	0.8	<2	1.24	<0.5	28	10	130	15.55
S435854		0.87	0.318		<0.5	4.14	6410	20	1.1	<2	7.25	<0.5	17	9	3	5.13
S435855		1.04	0.064		<0.5	5.21	36	40	0.5	<2	5.15	<0.5	21	8	109	8.26
S435856		1.29	0.206		<0.5	7.60	5000	20	0.8	2	4.07	<0.5	24	3	10	9.14
S435857		0.90	<0.005		<0.5	6.48	45	80	0.7	<2	2.09	<0.5	41	1	27	16.10
S435858		0.85	0.023		<0.5	5.09	40	60	<0.5	6	2.66	0.5	43	1	14	21.0
S435859		0.65	0.009		<0.5	6.26	27	40	0.7	<2	5.25	<0.5	18	2	2	7.46
S435860		0.11	3.70	4.07	0.9	7.11	34	630	0.8	<2	2.59	0.8	19	65	156	5.42

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 31- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16182628

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
S435831		20	1.43	10	1.81	3470	<1	1.90	6	1830	6	<0.01	<5	50	129	<20
S435832		20	0.32	10	1.17	2590	<1	1.70	1	4270	23	0.96	<5	52	76	<20
S435833		20	0.13	10	0.75	3700	<1	1.79	3	3160	3	0.07	<5	36	68	<20
S435834		20	0.09	10	1.40	3260	<1	1.19	5	3410	15	0.63	<5	36	78	<20
S435835		20	0.34	10	1.04	3090	<1	1.39	3	3180	3	0.03	<5	37	61	<20
S435836		20	0.32	10	0.98	2970	<1	1.91	3	3050	7	0.05	<5	40	49	<20
S435837		20	0.04	10	1.31	2790	<1	0.72	3	3010	21	0.26	<5	41	41	<20
S435838		20	0.42	10	0.94	4310	<1	1.14	2	2950	<2	0.06	<5	39	91	<20
S435839		10	0.11	10	0.93	2060	<1	3.34	5	4460	12	2.34	<5	51	47	<20
S435840		20	1.79	20	2.40	922	<1	2.03	67	1040	10	0.12	<5	25	512	<20
S435841		20	0.04	<10	2.05	2560	<1	2.71	4	490	2	0.65	<5	55	58	<20
S435842		20	0.11	<10	2.34	2500	<1	2.14	5	480	<2	0.81	<5	55	63	<20
S435843		20	0.07	<10	2.56	2940	<1	2.66	3	620	4	1.40	<5	68	50	<20
S435844		20	0.15	<10	2.15	2430	<1	3.00	6	570	497	2.33	<5	58	60	<20
S435845		20	0.04	<10	1.92	2640	<1	2.13	5	540	180	1.59	<5	51	63	<20
S435846		20	0.03	<10	1.76	2480	<1	1.84	4	490	84	0.95	<5	46	58	<20
S435847		20	0.03	<10	1.57	2080	<1	2.51	2	570	6	3.13	<5	51	32	<20
S435848		20	0.05	<10	1.66	2310	<1	2.83	3	620	3	2.82	<5	53	39	<20
S435849		20	0.09	<10	1.31	2200	<1	2.94	3	580	3	1.88	<5	53	70	<20
S435850		20	0.36	<10	1.26	2210	<1	2.89	2	520	2	0.39	<5	52	61	<20
S435851		10	0.03	<10	1.38	1955	<1	1.17	1	430	5	1.35	<5	47	36	<20
S435852		10	0.03	<10	0.35	525	<1	3.98	<1	20	<2	0.02	<5	17	48	<20
S435853		20	0.04	<10	1.85	2270	<1	2.54	4	60	7	1.66	<5	55	35	<20
S435854		10	0.03	<10	0.98	1800	<1	2.21	3	40	<2	0.36	<5	27	107	<20
S435855		10	0.02	<10	1.14	1700	<1	2.48	3	90	11	0.97	<5	32	82	<20
S435856		20	0.05	<10	1.61	2150	<1	3.84	4	70	<2	0.32	<5	47	89	<20
S435857		20	0.41	10	1.17	3270	<1	2.52	2	5160	<2	0.04	<5	29	47	<20
S435858		20	0.33	10	0.86	3440	<1	0.20	3	2480	3	0.10	<5	42	83	<20
S435859		20	0.13	10	1.38	2500	<1	3.93	6	1870	7	0.01	<5	51	149	<20
S435860		20	1.11	10	1.58	921	7	2.28	42	770	49	0.15	8	17	284	<20

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CERTIFICAT D'ANALYSE VO16182628

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Au- ICP21 Au ppm 0.001
S435831		1.08	<10	<10	23	<10	137	<0.001
S435832		1.25	<10	<10	26	<10	78	>10.0
S435833		0.95	<10	<10	2	<10	87	0.008
S435834		0.95	<10	<10	3	<10	172	0.007
S435835		0.94	<10	<10	4	<10	83	0.035
S435836		0.92	<10	<10	3	<10	107	0.069
S435837		0.97	<10	<10	6	<10	129	0.040
S435838		0.86	<10	<10	2	<10	99	<0.001
S435839		1.29	<10	<10	35	<10	64	1.415
S435840		0.70	<10	<10	186	<10	125	0.002
S435841		1.69	<10	<10	39	<10	84	0.079
S435842		1.57	<10	<10	59	<10	112	0.218
S435843		2.38	<10	<10	102	<10	110	0.128
S435844		2.09	<10	<10	61	<10	1075	0.059
S435845		1.99	<10	<10	20	<10	642	0.198
S435846		1.75	<10	<10	11	<10	337	0.117
S435847		1.93	<10	<10	78	<10	72	0.296
S435848		1.88	<10	<10	92	<10	74	0.024
S435849		1.58	<10	<10	42	<10	63	0.144
S435850		1.47	<10	<10	11	<10	57	0.026
S435851		2.14	<10	<10	88	<10	67	0.083
S435852		0.28	<10	<10	9	<10	19	<0.001
S435853		2.04	<10	<10	73	<10	75	0.110
S435854		0.85	<10	<10	29	<10	39	0.250
S435855		0.95	<10	<10	58	<10	52	0.040
S435856		1.72	<10	<10	59	<10	69	0.035
S435857		1.37	<10	<10	4	<10	90	<0.001
S435858		0.81	<10	<10	1	<10	101	0.022
S435859		1.00	<10	<10	25	<10	59	0.009
S435860		0.38	<10	<10	146	40	304	3.87

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 31- OCT- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16182628

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	BAG- 01	CRU- 32	CRU- QC	LOG- 22
	LOG- 24	PUL- 32	PUL- QC	SPL- 21
	WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	Au- ICP21	ME- ICP61

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
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Finalisée date: 4- NOV- 2016
Compte: MIDEXP

CERTIFICAT VO16182762

Projet: WILLBOB PROJECT

Ce rapport s'applique à 1 échantillon de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 29- SEPT- 2016.

Les résultats sont transmis à:

MARIO MASSON	GINO ROGER	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION MIDLAND INC
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Finalisée date: 4- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16182762

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
S435777		1.36	<0.005	<0.5	6.99	105	10	<0.5	<2	5.42	0.8	46	475	191	7.93	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 4- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16182762

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
S435777		0.03	<10	6.03	1280	<1	0.98	214	220	6	0.18	<5	44	97	<20	0.34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 4- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16182762

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S435777		<10	<10	247	<10	89

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Finalisée date: 4- NOV- 2016
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO16182762

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:	BAG- 01	CRU- 32	LOG- 22	PUL- 32
	PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
Applique à la Méthode: Au- AA23

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applique à la Méthode: ME- ICP61

2015 – CERTIFICATES: Midland

2015 – Prospection : Midland

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À: EXPLORATION MIDLAND INC
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Finalisée date:
21- AOUT- 2015
Compte: MIDEXP

CERTIFICAT VO15104020

Projet: PROJECT WILLBOB

Ce rapport s'applique aux 57 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 15- JUIL- 2015.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 24	Entrée pulpe - Reçu sans code barre
PUL- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
21- AOUT- 2015
Compte: MIDEXP

Projet: PROJECT WILLBOB

CERTIFICAT D'ANALYSE VO15104020

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1
R147001		1.39	0.002	<0.005	<0.001		<0.5	6.93	6	1170	1.4	2	1.49	<0.5	19	40
R147002		1.35	<0.001	<0.005	<0.001		<0.5	7.20	<5	260	1.3	<2	4.06	<0.5	22	12
R147003		1.76	0.002	0.005	0.006		<0.5	7.97	<5	570	1.5	<2	0.48	<0.5	34	113
R147004		0.89	0.001	<0.005	<0.001		<0.5	6.84	<5	20	0.6	4	3.23	<0.5	58	9
R147005		0.79	0.002	<0.005	<0.001		<0.5	8.42	8	10	<0.5	5	9.45	<0.5	42	14
R147006		0.84	<0.001	0.016	0.026		<0.5	7.87	<5	10	<0.5	<2	9.56	0.5	40	170
R147007		1.04	0.001	0.009	0.018		<0.5	8.12	20	10	<0.5	3	9.78	<0.5	36	571
R147008		0.69	<0.001	0.006	0.008		<0.5	7.97	19	170	<0.5	<2	7.92	0.6	27	985
R147009		1.11	0.002	0.014	0.011		<0.5	8.10	5	20	<0.5	<2	8.34	<0.5	37	922
R147010		1.04	<0.001	0.011	0.014		<0.5	6.35	7	20	<0.5	2	7.97	<0.5	39	1085
R147011		1.09	<0.001	0.009	0.017		<0.5	8.45	5	<10	<0.5	<2	9.38	0.5	44	424
R147012		1.00	0.001	0.006	0.009		<0.5	5.47	10	10	<0.5	<2	8.35	0.5	47	303
R147013		1.80	0.005	<0.005	0.001		<0.5	6.97	<5	50	<0.5	<2	8.19	0.7	69	9
R147014		0.86	0.001	<0.005	0.001		<0.5	7.41	<5	30	<0.5	4	5.00	0.7	54	4
R147015		1.51	0.001	<0.005	<0.001		<0.5	6.15	<5	70	0.7	3	5.47	0.8	51	2
R147016		0.90	<0.001	<0.005	0.001		<0.5	8.89	14	760	1.9	2	0.51	<0.5	19	78
R147017		0.75	0.001	<0.005	0.004		<0.5	8.01	<5	650	1.5	4	0.25	<0.5	7	93
R147018		1.37	<0.001	<0.005	0.001		<0.5	7.78	<5	1380	2.2	2	0.97	<0.5	15	49
R147019		1.10	<0.001	<0.005	0.001		<0.5	7.42	<5	1350	2.0	<2	1.04	<0.5	12	47
R147020		1.32	<0.001	<0.005	0.001		<0.5	7.78	<5	310	0.5	<2	5.62	<0.5	42	200
R147021		1.53	0.001	<0.005	0.001		<0.5	7.87	<5	150	0.5	2	6.06	0.5	37	112
R147022		1.00	0.007	<0.005	0.002		<0.5	1.87	<5	10	<0.5	3	3.84	0.7	20	97
R147023		1.21	0.011	<0.005	0.001		<0.5	2.80	<5	220	1.5	<2	2.69	<0.5	13	22
R147024		1.44	0.001	<0.005	0.001		0.8	7.78	<5	560	1.6	2	0.47	1.0	10	58
R147025		1.51	<0.001	<0.005	0.001		<0.5	8.92	<5	760	2.0	<2	0.93	<0.5	17	70
R147026		1.28	0.001	<0.005	0.002		<0.5	9.01	7	590	1.6	<2	0.56	<0.5	15	88
R147027		0.94	0.001	<0.005	0.001		<0.5	6.88	<5	160	<0.5	4	5.35	0.5	51	6
R147028		0.98	0.002	<0.005	0.001		<0.5	7.58	31	10	<0.5	2	8.18	<0.5	51	7
R147029		0.87	0.001	0.015	0.021		<0.5	7.72	<5	10	<0.5	<2	8.58	<0.5	34	465
R147030		1.07	<0.001	0.009	0.013		<0.5	7.39	31	10	<0.5	2	10.65	0.5	37	995
R147031		1.51	<0.001	0.028	0.087		<0.5	7.12	20	10	<0.5	<2	10.20	<0.5	37	1030
R147032		1.09	<0.001	0.010	0.016		<0.5	8.46	17	10	<0.5	2	9.72	<0.5	40	593
R147033		1.43	<0.001	0.010	0.005		<0.5	7.17	<5	10	<0.5	5	9.62	0.5	44	69
R147034		1.35	0.359	<0.005	0.001		0.5	6.17	16	10	<0.5	<2	6.39	0.7	86	5
R147035		0.61	0.001	<0.005	<0.001		<0.5	6.30	<5	210	<0.5	4	4.14	<0.5	49	6
R147036		1.20	0.001	<0.005	<0.001		<0.5	7.49	14	20	<0.5	<2	2.33	<0.5	43	2
R147037		0.90	<0.001	<0.005	0.001		<0.5	7.20	6	550	1.3	<2	0.46	<0.5	24	61
R147038		0.74	<0.001	<0.005	0.001		<0.5	6.02	<5	50	0.6	<2	0.91	<0.5	6	10
R147039		0.92	0.001	<0.005	0.003		<0.5	8.28	<5	710	1.6	<2	0.34	<0.5	15	66
R147040		1.17	3.93	<0.005	<0.001	3.49	<0.5	6.61	26	320	1.2	<2	0.62	<0.5	8	14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
21- AOUT- 2015
Compte: MIDEXP

Projet: PROJECT WILLBOB

CERTIFICAT D'ANALYSE VO15104020

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1
R147001		12	9.01	20	2.88	30	2.29	1325	<1	0.91	20	260	8	0.73	<5	8
R147002		16	8.34	20	0.49	30	1.78	2110	<1	1.27	7	810	8	0.15	<5	22
R147003		192	4.97	20	2.75	30	1.53	595	3	2.24	74	240	30	1.77	5	14
R147004		106	14.20	20	0.03	20	2.31	1935	<1	0.18	14	410	6	0.01	<5	48
R147005		216	6.71	20	0.03	<10	5.00	1335	<1	1.30	83	100	<2	0.03	<5	48
R147006		52	5.58	10	0.03	<10	6.85	1140	<1	0.83	135	110	<2	<0.01	<5	44
R147007		24	4.58	10	0.02	<10	6.22	957	<1	0.71	179	40	<2	<0.01	<5	33
R147008		9	4.83	10	0.55	<10	6.77	989	<1	1.52	161	50	<2	<0.01	<5	44
R147009		34	4.73	10	0.08	<10	6.41	913	<1	1.10	165	60	<2	<0.01	<5	40
R147010		24	4.61	10	0.04	<10	7.08	956	<1	0.53	184	40	3	<0.01	<5	46
R147011		23	4.65	10	0.01	<10	6.89	915	<1	0.56	222	50	<2	<0.01	<5	28
R147012		65	6.48	10	0.03	<10	8.16	1350	<1	0.41	153	120	2	<0.01	<5	51
R147013		686	12.55	20	0.18	<10	3.52	1535	<1	1.39	69	120	2	0.15	<5	54
R147014		75	12.30	20	0.08	<10	3.43	2150	<1	2.24	26	190	6	0.15	<5	52
R147015		96	12.25	20	0.32	10	1.75	2390	<1	0.49	1	520	9	0.19	<5	47
R147016		72	5.10	20	3.39	40	1.22	1535	<1	1.24	33	330	15	0.02	<5	11
R147017		79	3.67	20	3.00	10	1.35	418	2	1.93	14	460	6	0.41	5	13
R147018		1	4.86	20	4.13	30	1.72	842	<1	2.23	22	270	9	<0.01	<5	9
R147019		<1	7.72	20	3.76	40	1.86	1365	<1	2.71	21	270	7	<0.01	<5	9
R147020		31	7.68	20	0.71	10	4.76	1485	<1	1.70	207	410	7	0.03	<5	16
R147021		83	6.72	20	0.37	10	4.37	1045	<1	1.99	96	460	6	0.15	<5	18
R147022		468	18.50	10	0.01	<10	4.87	1085	<1	0.03	63	120	3	2.19	<5	9
R147023		3	16.20	10	0.37	20	3.49	4780	<1	2.01	13	290	6	0.01	<5	4
R147024		66	4.83	20	3.26	20	1.23	546	1	0.30	16	630	13	0.20	<5	10
R147025		8	5.24	20	3.85	40	1.16	1265	<1	0.64	37	440	4	0.04	<5	12
R147026		2	5.15	20	1.29	40	0.84	766	<1	4.12	39	220	2	<0.01	5	12
R147027		53	13.55	20	0.53	<10	1.75	2450	<1	0.74	7	410	7	0.19	<5	45
R147028		223	7.96	20	0.03	<10	4.85	1580	<1	1.22	70	150	3	0.03	<5	43
R147029		18	4.17	10	0.08	<10	5.90	902	<1	0.67	140	40	<2	<0.01	<5	35
R147030		40	5.02	10	0.06	<10	7.24	1045	<1	0.63	179	60	<2	<0.01	<5	48
R147031		33	4.94	10	0.05	<10	7.53	1070	<1	0.63	193	60	<2	<0.01	<5	47
R147032		22	4.96	10	0.04	<10	7.06	979	<1	0.64	203	50	<2	<0.01	<5	37
R147033		37	5.82	10	0.04	<10	6.68	1275	<1	0.80	118	60	2	<0.01	<5	48
R147034		577	13.85	20	0.04	<10	5.15	1855	4	0.11	127	240	37	0.40	<5	64
R147035		29	12.90	20	0.47	<10	1.43	2110	<1	0.82	5	510	5	0.02	<5	45
R147036		131	16.00	30	0.02	10	1.37	1970	<1	1.59	<1	1270	9	1.17	<5	55
R147037		13	5.79	20	2.29	30	1.36	1805	<1	1.08	32	260	14	<0.01	<5	9
R147038		10	5.10	20	0.07	20	0.30	753	<1	3.22	<1	190	<2	0.01	<5	14
R147039		58	4.77	20	3.39	20	1.35	547	2	1.17	34	260	11	0.87	<5	10
R147040		118	5.40	20	0.85	20	0.10	436	<1	3.60	<1	260	4	2.18	<5	15

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
21- AOUT- 2015
Compte: MIDEXP

Projet: PROJECT WILLBOB

CERTIFICAT D'ANALYSE VO15104020

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
R147001		186	<20	0.25	<10	<10	36	<10	57
R147002		386	<20	0.73	<10	<10	285	<10	116
R147003		86	<20	0.35	<10	<10	146	<10	74
R147004		203	<20	1.00	<10	<10	487	<10	121
R147005		127	<20	0.23	<10	<10	216	<10	56
R147006		120	<20	0.21	<10	<10	182	<10	46
R147007		98	<20	0.13	<10	<10	128	<10	36
R147008		85	<20	0.15	<10	<10	157	<10	40
R147009		104	<20	0.15	<10	<10	153	<10	42
R147010		45	<20	0.15	<10	<10	164	<10	37
R147011		93	<20	0.10	<10	<10	107	<10	38
R147012		56	<20	0.24	<10	<10	218	<10	51
R147013		146	<20	0.79	<10	<10	1095	<10	77
R147014		96	<20	0.94	<10	<10	619	<10	83
R147015		385	<20	0.97	<10	<10	334	<10	136
R147016		103	<20	0.44	<10	<10	76	<10	71
R147017		78	<20	0.33	<10	<10	136	<10	45
R147018		274	<20	0.30	<10	<10	44	<10	25
R147019		273	<20	0.25	<10	<10	54	<10	47
R147020		385	<20	0.34	<10	<10	142	<10	93
R147021		366	<20	0.40	<10	<10	163	<10	65
R147022		6	<20	0.21	<10	<10	84	<10	73
R147023		38	<20	0.10	<10	<10	27	<10	35
R147024		18	<20	0.43	<10	<10	65	<10	216
R147025		208	20	0.36	<10	<10	70	<10	73
R147026		111	20	0.46	<10	<10	87	<10	71
R147027		194	<20	1.15	<10	<10	125	<10	103
R147028		140	<20	0.30	<10	<10	239	<10	69
R147029		56	<20	0.12	<10	<10	126	<10	32
R147030		91	<20	0.17	<10	<10	172	<10	38
R147031		71	<20	0.16	<10	<10	168	<10	43
R147032		91	<20	0.13	<10	<10	131	<10	35
R147033		80	<20	0.17	<10	<10	187	<10	49
R147034		110	<20	0.68	<10	<10	1085	<10	126
R147035		181	<20	1.18	<10	<10	58	<10	94
R147036		181	<20	1.14	<10	<10	19	<10	204
R147037		84	<20	0.31	<10	<10	54	<10	79
R147038		61	<20	0.22	<10	<10	5	<10	54
R147039		65	20	0.34	<10	<10	80	<10	70
R147040		76	<20	0.25	<10	<10	3	<10	15

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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ROSEMÈRE QC J7A 2H1

Finalisée date:
21- AOUT- 2015
Compte: MIDEXP

Projet: PROJECT WILLBOB

CERTIFICAT D'ANALYSE VO15104020

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1
R147041		1.23	4.67	<0.005	<0.001	4.72	0.7	5.65	<5	50	<0.5	<2	2.00	<0.5	9	15
R147042		1.28	0.002	<0.005	<0.001		<0.5	7.51	9	10	<0.5	<2	6.49	<0.5	51	10
R147043		1.21	0.002	0.059	0.019		<0.5	8.58	<5	10	<0.5	4	9.46	<0.5	39	38
R147044		1.43	0.002	0.012	0.022		<0.5	8.57	14	20	<0.5	4	10.50	0.6	41	520
R147045		1.34	<0.001	0.010	0.012		<0.5	7.56	10	<10	<0.5	<2	11.05	0.5	34	787
R147046		1.14	<0.001	0.009	0.009		<0.5	7.88	<5	10	<0.5	3	10.65	<0.5	30	772
R147047		1.14	0.001	0.009	0.014		<0.5	9.00	13	<10	<0.5	<2	10.05	<0.5	35	255
R147048		1.45	<0.001	0.005	0.004		<0.5	9.12	<5	40	<0.5	2	8.30	<0.5	36	65
R147049		1.19	3.29	<0.005	<0.001	3.05	<0.5	6.83	1370	100	0.6	<2	0.85	<0.5	15	6
R147050		0.61	0.002	<0.005	<0.001		<0.5	7.85	5	10	<0.5	5	7.33	0.6	56	5
R147051		0.63	0.229	<0.005	<0.001		<0.5	6.58	188	110	0.7	<2	0.37	<0.5	12	8
R147052		1.07	<0.001	<0.005	0.001		<0.5	9.05	<5	620	1.8	2	0.53	<0.5	17	64
R147053		0.49	0.003	<0.005	0.001		<0.5	9.21	28	800	2.0	2	0.44	<0.5	25	79
R147054		1.49	0.563	<0.005	<0.001		<0.5	7.15	19	70	0.5	5	1.45	<0.5	40	4
R147055		0.11	0.500	0.391	1.850		<0.5	7.85	9	440	0.6	6	4.42	<0.5	22	192
R147056		1.23	0.001	<0.005	0.001		<0.5	7.04	<5	20	<0.5	10	8.50	0.8	62	11
R147057		1.43	0.002	<0.005	0.001		<0.5	7.59	<5	10	<0.5	3	6.69	0.7	49	10

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Finalisée date:
21- AOUT- 2015
Compte: MIDEXP

Projet: PROJECT WILLBOB

CERTIFICAT D'ANALYSE VO15104020

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1
R147041		239	6.01	20	0.14	10	0.19	409	<1	2.93	<1	580	5	1.84	<5	26
R147042		159	8.17	20	0.04	<10	4.48	1625	<1	1.85	58	130	<2	0.03	<5	42
R147043		63	6.08	10	0.03	<10	5.31	1230	<1	1.10	88	100	<2	<0.01	<5	43
R147044		11	4.92	10	0.09	<10	7.28	965	<1	0.62	200	50	<2	<0.01	<5	38
R147045		29	4.87	10	0.02	<10	7.12	1065	<1	0.65	175	60	<2	<0.01	<5	45
R147046		12	4.72	10	0.03	<10	6.93	1005	<1	0.82	168	50	<2	<0.01	<5	44
R147047		4	4.61	10	0.01	<10	6.21	982	<1	0.13	171	50	<2	<0.01	<5	30
R147048		7	4.96	10	0.14	<10	5.24	1020	<1	1.52	93	60	<2	<0.01	<5	33
R147049		321	8.38	20	0.23	10	0.53	980	<1	3.97	<1	1650	<2	1.99	<5	32
R147050		131	9.12	20	0.04	<10	5.00	1765	<1	1.77	63	170	<2	0.02	<5	50
R147051		491	5.07	10	0.40	<10	0.18	218	<1	4.45	2	350	<2	2.23	<5	15
R147052		28	5.50	20	2.90	30	1.14	1505	<1	2.15	36	340	3	0.01	<5	11
R147053		33	5.07	20	3.69	30	1.18	1440	<1	1.57	46	320	9	0.05	<5	12
R147054		101	12.30	20	0.17	10	1.10	1530	<1	2.73	<1	1000	2	1.32	<5	48
R147055		105	4.67	20	0.75	10	2.41	801	7	2.14	210	500	4	0.06	<5	14
R147056		64	14.45	20	0.04	<10	3.07	1865	<1	0.13	25	250	5	0.16	<5	57
R147057		214	10.85	20	0.04	<10	3.51	1555	<1	0.93	54	240	<2	0.74	<5	46

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CERTIFICAT D'ANALYSE VO15104020

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
R147041		156	<20	0.36	<10	<10	1	<10	13
R147042		82	<20	0.28	<10	<10	235	<10	86
R147043		108	<20	0.21	<10	<10	185	<10	53
R147044		86	<20	0.13	<10	<10	135	<10	35
R147045		85	<20	0.15	<10	<10	161	<10	38
R147046		96	<20	0.14	<10	<10	150	<10	37
R147047		110	<20	0.10	10	<10	105	<10	29
R147048		96	<20	0.14	<10	<10	146	<10	40
R147049		67	<20	0.66	<10	<10	4	<10	55
R147050		89	<20	0.36	<10	<10	278	<10	82
R147051		76	<20	0.37	<10	<10	9	<10	8
R147052		107	20	0.40	<10	<10	70	<10	88
R147053		88	<20	0.39	<10	<10	81	<10	71
R147054		65	<20	1.20	<10	<10	53	<10	99
R147055		289	<20	0.28	<10	<10	109	<10	60
R147056		314	<20	1.07	<10	<10	846	<10	91
R147057		117	<20	0.82	<10	<10	668	<10	89

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CERTIFICAT D'ANALYSE VO15104020

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	BAG- 01	CRU- 32	LOG- 22	LOG- 24
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- GRA21	ME- ICP61	PGM- ICP23

ALS Canada Ltd.

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
16- AOUT- 2015
Compte: MIDEXP

CERTIFICAT VO15105502

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 142 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIL- 2015.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Cu- AA61	Trace Cu - Digestion quatre acides	AAS
Cu- AA62	Teneur marchande Cu - quatre acides / AAS	AAS
Ni- AA61	Trace Ni - Digestion quatre acides	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Ag- OG62	Teneur marchande Ag - quatre acides	VARIABLE
Pb- OG62	Teneur marchande Pb - quatre acides	VARIABLE
Zn- OG62	Teneur marchande Zn - quatre acides	VARIABLE
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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16- AOUT- 2015
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CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	Au- GRA21 Au ppm 0.05	Cu- AA61 Cu ppm 2	Cu- AA62 Cu % 0.001	Ni- AA61 Ni ppm 5	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01
R146266		0.67	0.005	0.024	0.090		355		260							
R146267		0.72	0.006	<0.005	<0.001		353		50							
R146268		1.03	0.078	<0.005	<0.001		>10000	1.224	5							
R146269		1.11	0.006	0.024	0.070		450		284							
R146270		1.20	0.007	0.019	0.059		527		308							
R146271		0.92	0.065	0.404	0.671		4570		991							
R146272		0.66	0.005	0.029	0.038		537		169							
R146273		0.79	0.004	0.276	0.044		95		77							
R146274		1.17	0.008	<0.005	0.001		1185		130							
R146275		1.11	0.006	0.020	0.074		454		309							
R146276		0.74	<0.001	<0.005	<0.001		88		6							
R146277		0.66	0.008	<0.005	<0.001		700		71							
R146278		0.62	0.003	0.027	0.031		62		112							
R146279		0.47	0.003	0.017	0.027		170		126							
R146280		0.88	<0.001	<0.005	<0.001		28		44							
R146281		0.78	<0.001	<0.005	<0.001		170		8							
R146282		0.99	0.108	<0.005	0.001		5340		18							
R146283		0.75	0.006	0.016	0.052		247		194							
R147058		0.94	0.080	<0.005	<0.001		189		78	<0.5	5.72	5	10	<0.5	<2	5.46
R147059		0.82	<0.001	0.007	0.009		8		93	<0.5	7.57	6	210	<0.5	5	7.10
R147060		0.80	<0.001	0.010	0.013		31		196	<0.5	8.40	18	10	<0.5	<2	9.39
R147061		1.19	<0.001	0.014	0.016		44		160	<0.5	6.47	38	10	<0.5	3	10.05
R147062		0.94	0.005	0.012	0.019		38		175	<0.5	6.55	7	10	<0.5	3	9.84
R147063		1.31	<0.001	0.012	0.020		21		150	<0.5	6.93	19	10	<0.5	<2	8.42
R147064		1.04	0.001	0.032	0.015		43		77	<0.5	7.48	<5	10	<0.5	<2	8.40
R147065		1.38	0.002	<0.005	<0.001		158		5	<0.5	6.61	<5	70	<0.5	<2	6.14
R147066		1.10	0.002	<0.005	<0.001		406		60	<0.5	6.61	11	20	<0.5	3	7.88
R147067		1.31	<0.001	<0.005	<0.001		103		8	<0.5	6.17	<5	130	0.7	3	4.29
R147068		1.25	<0.001	<0.005	<0.001		41		25	<0.5	9.71	<5	890	2.0	<2	0.33
R147069		1.36	<0.001	<0.005	<0.001		20		18	<0.5	8.39	<5	690	1.8	3	0.29
R147070		0.93	<0.001	<0.005	<0.001		8		9	<0.5	8.87	7	680	1.7	<2	0.25
R147071		1.65	<0.001	<0.005	<0.001		28		<5	<0.5	9.92	<5	980	2.1	<2	0.17
R147072		1.10	0.001	<0.005	0.001		52		32	<0.5	8.21	<5	630	1.7	<2	0.42
R147073		1.10	<0.001	<0.005	<0.001		53		24	<0.5	8.24	<5	290	1.4	<2	0.37
R147074		0.82	0.001	<0.005	<0.001		33		37	<0.5	9.06	23	490	2.0	2	0.44
R147075		1.02	0.001	<0.005	<0.001		42		33	<0.5	6.75	<5	50	<0.5	<2	5.44
R147076		1.26	0.001	0.044	0.037		76		80	<0.5	7.22	16	10	<0.5	2	8.78
R147077		1.26	0.001	0.013	0.017		41		136	<0.5	7.63	<5	20	<0.5	<2	9.71
R147078		1.06	<0.001	0.006	0.011		45		108	<0.5	8.20	39	10	<0.5	<2	9.67
R147079		1.15	0.002	0.008	0.013		11		162	<0.5	7.70	<5	10	<0.5	<2	9.41

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CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2
R146266																
R146267																
R146268																
R146269																
R146270																
R146271																
R146272																
R146273																
R146274																
R146275																
R146276																
R146277																
R146278																
R146279																
R146280																
R146281																
R146282																
R146283																
R147058		<0.5	53	9	172	11.70	10	0.03	<10	3.30	1900	<1	0.53	79	210	6
R147059		<0.5	30	66	5	4.69	10	1.22	<10	5.24	1030	<1	0.89	92	70	32
R147060		<0.5	40	345	28	4.70	10	0.05	<10	6.48	966	<1	0.70	201	40	6
R147061		<0.5	31	921	36	5.04	10	0.03	<10	6.82	1095	<1	0.57	155	60	2
R147062		<0.5	29	995	32	4.77	10	0.03	<10	6.79	1040	<1	0.53	172	60	28
R147063		<0.5	35	402	19	5.30	10	0.03	<10	7.26	1145	<1	0.88	151	70	9
R147064		<0.5	32	49	36	5.21	10	0.03	<10	4.65	1155	<1	0.59	81	80	70
R147065		<0.5	46	2	133	12.20	20	0.28	<10	1.84	2130	<1	0.75	11	450	51
R147066		0.6	60	7	395	10.45	10	0.05	<10	4.73	1880	<1	0.74	71	150	81
R147067		<0.5	41	3	92	11.90	20	0.18	10	1.85	1880	<1	0.47	10	510	120
R147068		<0.5	11	60	40	4.56	30	4.60	40	1.11	385	<1	0.36	27	380	50
R147069		<0.5	9	47	19	3.35	20	3.63	20	0.95	768	<1	1.19	19	220	71
R147070		<0.5	3	48	7	3.46	20	3.73	10	1.02	665	<1	1.26	11	200	23
R147071		<0.5	3	59	24	4.48	30	4.72	30	0.98	318	<1	0.33	5	350	114
R147072		<0.5	17	65	46	4.79	20	2.76	40	1.26	728	<1	1.89	31	250	3
R147073		<0.5	17	55	51	4.73	20	1.33	30	1.22	1260	<1	3.92	26	220	12
R147074		<0.5	13	73	30	5.51	30	1.78	20	1.48	911	<1	3.75	41	440	16
R147075		<0.5	43	5	35	9.93	20	0.16	<10	2.93	1490	<1	1.87	36	320	61
R147076		<0.5	35	41	71	6.06	10	0.05	<10	5.11	1230	<1	0.90	87	90	18
R147077		<0.5	32	260	36	4.33	10	0.07	<10	6.27	979	<1	0.63	132	40	31
R147078		<0.5	30	301	44	4.97	10	0.02	<10	6.01	1050	<1	1.04	119	90	<2
R147079		<0.5	30	486	7	4.22	10	0.02	<10	5.92	962	<1	0.74	153	60	<2

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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
16- AOUT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Ag- OG62 Ag ppm 1	Pb- OG62 Pb % 0.001	Zn- OG62 Zn % 0.001
R146266															
R146267															
R146268															
R146269															
R146270															
R146271															
R146272															
R146273															
R146274															
R146275															
R146276															
R146277															
R146278															
R146279															
R146280															
R146281															
R146282															
R146283															
R147058		0.78	<5	45	43	<20	1.06	<10	<10	985	<10	153			
R147059		<0.01	<5	35	15	<20	0.13	<10	<10	133	<10	45			
R147060		<0.01	<5	26	107	<20	0.11	<10	<10	105	<10	39			
R147061		<0.01	<5	47	81	<20	0.18	<10	<10	180	<10	49			
R147062		<0.01	<5	41	77	<20	0.15	<10	<10	152	<10	41			
R147063		<0.01	<5	38	55	<20	0.16	<10	<10	150	<10	47			
R147064		<0.01	<5	35	62	<20	0.18	<10	<10	154	<10	49			
R147065		0.28	<5	40	103	<20	1.28	<10	<10	423	<10	88			
R147066		0.09	<5	48	123	<20	0.63	<10	<10	537	<10	129			
R147067		0.14	<5	43	233	<20	0.85	<10	<10	447	<10	93			
R147068		0.34	<5	12	26	<20	0.38	<10	<10	69	<10	78			
R147069		0.24	<5	9	28	20	0.32	<10	<10	51	<10	83			
R147070		0.04	<5	9	27	20	0.33	<10	<10	53	<10	52			
R147071		0.11	<5	12	25	<20	0.38	<10	<10	71	<10	57			
R147072		0.37	<5	10	104	20	0.35	<10	<10	71	<10	67			
R147073		<0.01	<5	11	98	<20	0.35	<10	<10	55	<10	49			
R147074		<0.01	<5	12	30	<20	0.41	<10	<10	85	<10	63			
R147075		0.01	<5	47	85	<20	0.61	<10	<10	415	<10	81			
R147076		0.01	<5	38	97	<20	0.21	<10	<10	190	<10	50			
R147077		<0.01	<5	35	78	<20	0.11	<10	<10	124	<10	35			
R147078		<0.01	<5	37	101	<20	0.19	<10	<10	161	<10	33			
R147079		<0.01	<5	33	69	<20	0.12	<10	<10	119	<10	33			

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16- AOUT- 2015
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	Au- GRA21 Au ppm 0.05	Cu- AA61 Cu ppm 2	Cu- AA62 Cu % 0.001	Ni- AA61 Ni ppm 5	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01
R147080		1.70	<0.001	0.038	0.047		58		119	<0.5	7.05	28	10	<0.5	3	8.28
R147081		1.12	0.002	0.247	0.042		90		76	<0.5	6.94	13	<10	<0.5	3	8.34
R147082		2.15	0.169	<0.005	<0.001		131		15	<0.5	6.85	5	40	<0.5	<2	4.48
R147083		1.68	0.014	<0.005	<0.001		155		25	<0.5	6.54	<5	20	<0.5	4	6.19
R147084		1.13	<0.001	<0.005	<0.001		28		25	<0.5	8.21	7	600	1.8	<2	0.38
R147085		1.41	0.002	0.010	<0.001		215		46	<0.5	6.64	36	10	<0.5	<2	5.01
R147086		1.27	0.002	0.015	0.012		135		65	<0.5	7.11	8	40	<0.5	<2	7.63
R147087		1.59	<0.001	0.009	0.010		57		90	<0.5	6.86	<5	10	<0.5	<2	8.42
R147088		1.13	<0.001	0.077	0.076		41		115	<0.5	7.83	<5	10	<0.5	3	9.43
R147089		1.42	0.005	<0.005	<0.001		2		5	<0.5	6.27	112	520	1.5	<2	0.53
R147090		2.13	0.018	<0.005	<0.001		2		5	<0.5	6.64	135	560	1.5	<2	0.55
R147091		1.55	0.040	<0.005	<0.001		2		5	<0.5	6.83	110	470	1.3	<2	0.68
R147092		1.62	0.448	<0.005	<0.001		2		<5	<0.5	6.64	5140	570	1.2	<2	0.31
R147093		2.40	0.001	<0.005	<0.001		4		<5	<0.5	7.79	172	860	1.6	<2	0.36
R147094		2.79	0.014	<0.005	<0.001		4		8	<0.5	7.70	279	930	1.6	5	0.53
R147095		2.06	<0.001	<0.005	<0.001		3		<5	<0.5	7.68	20	900	1.6	3	0.80
R147096		2.09	0.002	<0.005	<0.001		17		8	<0.5	7.57	13	800	1.5	<2	0.55
R147097		2.23	<0.001	<0.005	<0.001		<2		<5	<0.5	7.55	79	800	1.6	<2	0.52
R147098		1.00	0.001	<0.005	<0.001		37		41	<0.5	7.54	<5	970	1.2	<2	2.62
R147099		1.68	0.001	<0.005	<0.001		15		5	<0.5	7.34	30	740	1.5	<2	0.53
R147100		2.31	<0.001	<0.005	<0.001		26		<5	<0.5	6.38	38	530	1.2	<2	0.55
R147101		0.76	1.115	<0.005	<0.001		388		<5	<0.5	3.73	1045	20	0.7	<2	3.57
R147102		0.69	2.44	<0.005	<0.001		174		<5	<0.5	5.72	15	70	0.6	<2	2.05
R147103		0.93	9.34	<0.005	<0.001	10.20	541		<5	0.5	5.86	9	30	<0.5	<2	2.77
R147104		0.96	2.68	<0.005	<0.001		208		<5	<0.5	6.63	>10000	40	0.5	<2	1.22
R147105		0.93	0.051	<0.005	<0.001		106		<5	<0.5	5.17	1085	100	0.6	<2	0.64
R147106		0.66	0.013	<0.005	<0.001		108		<5	<0.5	6.12	293	400	1.5	<2	0.63
R147107		0.77	0.003	<0.005	0.001		268		<5	<0.5	6.29	101	60	<0.5	3	0.19
R147108		1.10	0.007	<0.005	0.001		366		202	<0.5	2.83	20	110	1.4	5	0.10
R147109		1.00	0.010	<0.005	0.001		101		9	<0.5	6.07	26	110	2.0	<2	0.23
R147110		1.06	0.001	0.005	0.005		106		25	<0.5	5.62	<5	200	0.8	2	1.45
R147111		0.76	0.001	<0.005	0.007		321		108	<0.5	4.52	<5	20	1.0	4	1.85
R147112		0.92	0.004	<0.005	0.005		22		22	<0.5	2.22	66	240	0.5	<2	4.38
R147113		0.82	<0.001	0.015	0.009		106		53	<0.5	6.99	<5	20	<0.5	<2	4.14
R147114		0.69	<0.001	0.016	0.012		148		31	<0.5	7.49	<5	190	<0.5	2	5.67
R147115		0.86	<0.001	0.016	0.012		114		98	<0.5	8.26	<5	170	0.7	<2	1.07
R147116		0.93	0.001	0.009	0.006		122		22	<0.5	6.97	<5	30	0.6	5	5.15
R147117		1.58	>10.0	<0.005	<0.001	77.6	111		<5	11.4	0.45	>10000	10	<0.5	3	0.76
R147118		0.68	0.870	<0.005	<0.001		12		<5	<0.5	0.12	9910	10	<0.5	<2	0.25
R147119		0.74	0.085	<0.005	<0.001		11		7	<0.5	6.54	827	620	1.6	<2	0.59

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Finalisée date:
16- AOUT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2
R147080		<0.5	36	123	52	5.56	10	0.02	<10	5.97	1170	<1	0.68	120	110	<2
R147081		<0.5	37	24	80	6.59	10	0.02	<10	4.78	1300	<1	1.07	80	100	<2
R147082		<0.5	28	10	116	6.69	20	0.11	<10	1.46	1025	<1	2.13	17	550	<2
R147083		<0.5	48	9	132	10.80	10	0.06	<10	2.89	1635	<1	1.16	31	340	<2
R147084		<0.5	12	57	25	4.56	20	2.74	20	0.95	976	<1	1.85	27	310	18
R147085		<0.5	56	4	187	11.55	20	0.03	<10	3.59	1875	<1	0.46	51	330	<2
R147086		<0.5	39	19	122	6.89	10	0.21	<10	4.13	1445	<1	1.50	68	150	<2
R147087		<0.5	36	53	49	5.80	10	0.04	<10	5.11	1180	<1	0.85	90	80	<2
R147088		<0.5	36	149	35	5.42	10	0.03	<10	5.87	1120	<1	0.84	118	80	<2
R147089		<0.5	5	43	1	3.39	10	1.68	30	0.63	634	<1	2.29	7	240	2
R147090		<0.5	5	43	2	3.88	20	1.73	30	0.73	691	<1	2.70	10	280	6
R147091		<0.5	5	38	1	3.23	20	1.41	30	0.69	669	<1	3.43	9	270	5
R147092		<0.5	7	40	2	4.09	20	1.73	30	0.59	637	<1	2.69	11	260	16
R147093		<0.5	6	42	2	4.64	20	2.65	30	0.70	743	1	2.36	12	320	5
R147094		<0.5	7	39	3	4.69	20	2.86	30	0.68	850	<1	2.28	12	320	9
R147095		<0.5	6	39	3	4.64	20	2.62	30	0.78	864	<1	2.41	11	300	6
R147096		<0.5	7	35	16	4.78	20	2.09	30	0.66	856	<1	2.74	10	300	11
R147097		<0.5	7	37	<1	4.47	20	2.13	30	0.75	832	<1	2.65	13	310	3
R147098		<0.5	17	82	33	5.28	20	1.66	30	1.66	623	<1	2.36	45	950	12
R147099		<0.5	6	36	13	4.85	20	2.28	30	0.81	830	<1	2.34	11	300	12
R147100		<0.5	5	27	23	3.76	20	1.72	30	0.56	658	<1	2.63	7	310	18
R147101		<0.5	20	9	355	9.35	10	0.06	10	0.68	1440	<1	1.59	3	620	6
R147102		<0.5	9	13	162	6.70	20	0.16	10	0.22	747	<1	2.71	3	540	3
R147103		<0.5	12	16	509	6.68	20	0.06	10	0.21	336	<1	2.90	<1	700	7
R147104		<0.5	43	4	190	12.10	20	0.09	10	0.85	1265	<1	3.20	<1	1260	<2
R147105		<0.5	19	20	100	6.63	10	0.33	10	0.67	701	10	2.77	5	540	3
R147106		<0.5	5	21	94	7.08	20	0.62	10	0.61	689	<1	3.21	4	530	<2
R147107		<0.5	8	43	244	7.72	20	0.10	10	0.84	420	<1	3.73	10	990	2
R147108		<0.5	14	76	358	25.6	20	0.46	<10	1.57	1305	22	0.02	227	610	3
R147109		<0.5	12	30	98	5.33	20	0.38	20	0.49	645	<1	3.65	8	340	6
R147110		<0.5	9	59	81	8.50	30	0.78	10	1.72	1230	<1	1.39	26	1780	7
R147111		<0.5	26	152	264	13.70	20	0.07	30	2.50	1465	<1	0.45	101	8270	2
R147112		<0.5	8	46	8	3.87	10	1.01	<10	1.36	1315	<1	0.03	24	80	3
R147113		<0.5	32	56	81	11.70	20	0.08	<10	3.44	2120	<1	0.81	54	530	2
R147114		<0.5	30	222	128	8.17	20	1.13	10	4.57	1240	<1	0.84	41	320	2
R147115		<0.5	35	199	93	7.89	20	0.93	<10	4.24	1070	<1	3.45	93	450	<2
R147116		<0.5	21	49	103	8.94	20	0.11	10	2.19	1290	<1	1.83	29	820	<2
R147117		21.4	15	63	96	4.60	<10	0.03	<10	0.17	373	2	0.14	10	70	3270
R147118		<0.5	8	54	4	1.77	<10	0.04	<10	0.03	224	1	0.04	8	10	20
R147119		<0.5	4	50	2	3.82	20	1.78	30	0.70	730	<1	2.45	8	320	<2

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CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Ag- OG62 Ag ppm 1	Pb- OG62 Pb % 0.001	Zn- OG62 Zn % 0.001
R147080		<0.01	<5	40	85	<20	0.24	<10	<10	193	<10	49			
R147081		0.02	<5	38	92	<20	0.24	<10	<10	214	<10	56			
R147082		0.69	<5	23	85	<20	0.47	<10	<10	106	<10	73			
R147083		0.42	<5	44	168	<20	0.79	<10	<10	549	<10	94			
R147084		0.01	<5	10	56	<20	0.36	<10	<10	62	<10	53			
R147085		0.02	<5	38	180	<20	0.82	<10	<10	580	<10	114			
R147086		0.01	<5	34	119	<20	0.30	<10	<10	239	<10	78			
R147087		<0.01	<5	36	73	<20	0.20	<10	<10	175	<10	47			
R147088		<0.01	<5	37	76	<20	0.17	<10	<10	159	<10	45			
R147089		0.01	<5	10	109	<20	0.15	<10	<10	57	<10	42			
R147090		0.01	<5	11	124	<20	0.15	<10	<10	60	<10	58			
R147091		<0.01	<5	11	155	<20	0.14	<10	<10	56	<10	46			
R147092		0.26	<5	11	125	<20	0.14	<10	<10	58	<10	57			
R147093		0.01	<5	13	115	<20	0.17	<10	<10	69	<10	62			
R147094		0.03	<5	13	108	<20	0.23	<10	<10	69	<10	66			
R147095		0.01	6	13	112	<20	0.31	<10	<10	67	<10	55			
R147096		0.07	<5	13	115	<20	0.31	<10	<10	59	<10	82			
R147097		0.01	<5	13	117	<20	0.30	<10	<10	66	<10	70			
R147098		0.07	6	18	528	<20	0.44	<10	<10	124	<10	98			
R147099		0.06	<5	12	105	<20	0.23	<10	<10	67	<10	72			
R147100		0.16	<5	10	104	<20	0.20	<10	<10	40	<10	77			
R147101		2.33	<5	26	58	<20	0.51	<10	<10	19	<10	51			
R147102		1.34	<5	20	155	<20	0.36	<10	<10	1	<10	24			
R147103		3.59	<5	26	175	<20	0.41	<10	<10	3	<10	11			
R147104		2.44	9	31	31	<20	0.90	<10	<10	59	<10	95			
R147105		0.89	<5	18	47	<20	0.11	<10	<10	20	<10	65			
R147106		1.10	<5	23	58	<20	0.39	<10	<10	21	<10	60			
R147107		1.53	<5	40	30	<20	0.52	<10	<10	57	<10	46			
R147108		>10.0	<5	11	2	<20	0.12	<10	<10	419	<10	46			
R147109		0.93	<5	12	59	<20	0.13	<10	<10	26	<10	54			
R147110		0.29	<5	33	65	<20	0.51	<10	<10	149	<10	42			
R147111		0.93	<5	101	48	<20	0.70	<10	<10	255	<10	83			
R147112		0.02	<5	12	114	<20	0.06	<10	<10	72	<10	16			
R147113		0.94	<5	40	264	<20	0.52	<10	<10	259	<10	58			
R147114		0.84	<5	44	195	<20	0.45	<10	<10	251	<10	86			
R147115		2.80	<5	50	13	<20	0.78	<10	<10	406	<10	103			
R147116		1.43	<5	39	129	<20	0.60	<10	<10	168	<10	32			
R147117		1.85	12	4	20	<20	0.03	<10	<10	14	<10	1270			
R147118		0.48	7	1	7	<20	0.01	<10	<10	5	<10	5			
R147119		0.05	<5	11	116	<20	0.18	<10	<10	60	<10	81			

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
16- AOUT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	Au- GRA21 Au ppm 0.05	Cu- AA61 Cu ppm 2	Cu- AA62 Cu % 0.001	Ni- AA61 Ni ppm 5	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01
R147120		0.11	0.496	0.418	1.860		120		207	0.7	8.28	12	440	0.6	<2	4.41
R147121		0.92	0.036	<0.005	<0.001		13		<5	<0.5	7.35	535	730	1.8	<2	0.54
R147122		0.61	0.002	<0.005	<0.001		12		<5	1.8	3.72	33	190	<0.5	3	0.54
R147123		0.92	0.008	<0.005	<0.001		105		<5	<0.5	6.19	143	170	1.4	3	0.17
R147124		0.81	0.062	<0.005	<0.001		85		5	4.8	3.61	29	260	1.9	<2	1.57
R147125		0.57	0.034	<0.005	0.007		80		55	<0.5	7.67	4390	190	1.3	<2	0.54
R147126		0.73	1.170	<0.005	<0.001		104		<5	>100	3.27	26	100	0.6	<2	2.12
R147127		0.70	0.003	<0.005	<0.001		211		<5	<0.5	5.40	737	80	0.7	<2	0.28
R147128		0.64	0.001	<0.005	<0.001		15		5	<0.5	2.43	53	110	<0.5	2	0.22
R147129		0.77	0.001	<0.005	<0.001		9		11	<0.5	6.52	33	260	0.9	4	0.35
R147130		0.69	0.003	<0.005	<0.001		11		12	<0.5	7.52	1405	410	1.3	<2	0.83
R147131		0.68	0.273	<0.005	0.001		9		19	<0.5	8.09	>10000	400	1.3	2	0.11
R147132		0.86	0.003	<0.005	<0.001		9		6	<0.5	7.35	1010	360	1.4	<2	0.40
R147133		0.79	0.004	<0.005	<0.001		10		12	<0.5	8.27	1265	330	1.2	<2	0.76
R147134		0.90	0.222	<0.005	0.001		8		11	<0.5	8.21	>10000	510	1.6	2	0.20
R147135		0.85	0.010	<0.005	0.001		16		11	<0.5	8.55	3770	530	1.8	<2	0.88
R147136		0.88	0.084	<0.005	0.001		9		13	<0.5	9.80	>10000	470	2.0	<2	0.10
R147137		1.03	1.250	<0.005	0.002		10		18	<0.5	6.51	>10000	280	1.1	<2	0.11
R147151		1.93	0.008	<0.005	<0.001		9		<5	<0.5	7.38	125	750	1.6	2	0.47
R147152		2.41	<0.001	<0.005	<0.001		11		<5	<0.5	6.70	49	600	1.4	<2	0.68
R147153		1.87	<0.001	<0.005	<0.001		8		8	<0.5	6.70	111	620	1.4	<2	0.37
R147154		1.86	<0.001	<0.005	<0.001		12		5	<0.5	7.50	19	560	1.3	<2	0.58
R147155		1.91	0.001	<0.005	<0.001		13		<5	<0.5	5.89	23	460	1.2	<2	0.50
R147156		1.92	<0.001	<0.005	<0.001		14		<5	<0.5	7.33	17	610	1.5	3	0.50
R147157		2.21	<0.001	<0.005	<0.001		11		10	<0.5	7.47	19	550	1.3	<2	0.53
R147158		2.08	<0.001	<0.005	0.001		9		8	<0.5	7.64	24	710	1.3	<2	0.53
R147159		1.19	0.001	<0.005	<0.001		7		6	<0.5	7.44	56	750	1.4	2	0.42
R147160		0.08	0.496	0.418	1.880		118		217	<0.5	7.90	8	420	0.6	<2	4.17
R147161		2.50	0.005	<0.005	0.001		9		<5	<0.5	7.49	95	720	1.4	<2	0.54
R147162		2.24	<0.001	<0.005	<0.001		8		<5	<0.5	7.49	101	680	1.4	<2	0.46
R147163		1.00	<0.001	<0.005	<0.001		10		5	<0.5	7.82	25	760	1.6	3	0.52
R147164		0.48	0.042	<0.005	<0.001		14		6	<0.5	7.73	66	850	1.8	<2	0.38
R147165		0.71	<0.001	<0.005	<0.001		9		<5	<0.5	7.46	15	720	1.6	<2	0.60
R147166		1.99	0.001	<0.005	<0.001		9		<5	<0.5	7.39	83	670	1.5	<2	0.37
R147167		3.09	<0.001	<0.005	<0.001		8		9	<0.5	7.19	100	600	1.5	<2	0.53
R147168		1.25	<0.001	<0.005	<0.001		8		<5	1.1	6.08	24	410	1.0	3	0.37
R147169		0.91	<0.001	<0.005	<0.001		8		<5	<0.5	7.44	61	510	1.3	<2	0.30
R147170		1.47	<0.001	<0.005	<0.001		8		<5	<0.5	0.02	14	10	<0.5	<2	35.0
R147171		1.70	<0.001	<0.005	<0.001		8		<5	<0.5	0.09	<5	10	0.6	<2	28.0
R147172		2.33	<0.001	<0.005	<0.001		8		<5	<0.5	0.69	85	40	<0.5	<2	25.0

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Finalisée date:
16- AOUT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2
R147120		<0.5	22	209	109	4.72	20	0.77	10	2.45	838	7	2.12	218	530	3
R147121		<0.5	7	45	2	4.62	20	2.19	30	0.65	889	<1	2.44	11	310	4
R147122		<0.5	8	28	2	3.20	10	0.62	10	0.31	697	<1	1.73	11	70	841
R147123		<0.5	10	27	84	5.00	20	0.40	20	0.38	379	<1	3.75	5	350	6
R147124		134.0	10	26	68	5.12	20	0.93	10	0.49	1340	<1	1.33	8	180	3900
R147125		<0.5	16	87	65	8.08	20	0.60	40	1.10	618	4	3.50	52	280	10
R147126		>1000	16	19	89	4.70	10	0.29	10	0.28	891	<1	2.20	2	280	>10000
R147127		2.0	16	29	181	7.14	10	0.22	10	0.33	418	1	3.42	4	720	97
R147128		0.5	3	34	4	2.51	10	0.45	10	0.24	535	<1	0.98	10	70	267
R147129		1.3	8	54	1	3.82	20	0.78	20	0.67	703	<1	3.42	14	270	78
R147130		<0.5	8	50	2	4.15	20	1.46	30	0.55	786	<1	3.50	17	300	9
R147131		<0.5	15	51	<1	5.20	20	1.49	40	0.42	494	<1	3.70	21	320	4
R147132		<0.5	8	49	<1	4.49	20	1.22	30	0.88	772	<1	3.13	13	330	6
R147133		<0.5	8	54	1	4.29	20	1.31	30	0.59	799	<1	4.38	17	390	2
R147134		<0.5	8	48	<1	6.29	20	2.08	30	0.32	452	<1	3.27	13	380	<2
R147135		0.6	9	53	7	4.01	20	2.24	30	0.44	1025	<1	3.58	15	360	3
R147136		<0.5	11	52	<1	5.97	30	1.67	40	0.65	363	<1	4.91	17	380	<2
R147137		<0.5	60	37	1	15.05	20	1.16	30	0.24	304	5	3.36	31	520	10
R147151		<0.5	5	41	2	4.56	20	2.47	30	0.76	762	<1	2.27	10	300	3
R147152		<0.5	7	44	3	4.57	20	2.19	30	0.71	823	1	2.16	12	280	7
R147153		<0.5	5	41	<1	4.05	20	2.07	30	0.70	657	<1	2.33	10	270	24
R147154		<0.5	7	43	3	3.97	20	1.97	30	0.48	757	<1	3.15	10	310	17
R147155		<0.5	7	42	2	3.49	20	1.57	30	0.50	718	<1	2.39	7	250	10
R147156		<0.5	6	43	5	4.28	20	1.90	30	0.74	754	<1	2.93	11	290	15
R147157		<0.5	7	42	1	4.38	20	1.59	30	0.81	785	<1	3.40	12	320	4
R147158		<0.5	7	44	<1	4.00	20	1.89	30	0.52	767	<1	3.08	11	300	11
R147159		<0.5	6	41	1	4.27	20	2.11	30	0.48	810	<1	2.62	10	300	5
R147160		0.5	22	199	102	4.48	10	0.72	10	2.32	787	7	2.01	209	500	3
R147161		<0.5	7	43	1	4.29	20	2.21	30	0.61	797	<1	2.67	12	300	4
R147162		<0.5	6	42	1	4.51	20	2.24	30	0.66	812	<1	2.59	11	310	3
R147163		<0.5	6	43	2	4.64	20	2.20	30	0.48	991	<1	2.80	10	310	11
R147164		<0.5	7	43	7	4.94	20	2.27	30	0.40	899	<1	2.49	11	300	5
R147165		<0.5	6	39	1	4.40	20	1.88	30	0.73	812	<1	2.76	10	310	3
R147166		<0.5	7	41	1	3.97	20	1.82	30	0.40	803	<1	2.92	10	310	4
R147167		<0.5	7	42	2	4.17	20	1.85	30	0.74	839	<1	2.86	11	300	3
R147168		<0.5	7	42	3	3.75	20	1.32	20	0.44	732	<1	2.61	9	240	697
R147169		<0.5	7	47	1	3.67	20	1.62	30	0.33	747	<1	3.31	11	300	16
R147170		<0.5	<1	1	<1	0.38	<10	<0.01	<10	0.04	4180	<1	0.01	<1	10	59
R147171		<0.5	<1	3	<1	0.46	<10	0.03	<10	0.04	2970	<1	0.02	<1	10	51
R147172		<0.5	1	7	<1	1.00	<10	0.19	<10	0.12	1915	<1	0.11	<1	20	76

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CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Ag- OG62 Ag ppm 1	Pb- OG62 Pb % 0.001	Zn- OG62 Zn % 0.001
R147120		0.06	12	16	297	<20	0.29	<10	<10	111	<10	65			
R147121		0.03	8	13	115	<20	0.20	<10	<10	64	<10	57			
R147122		0.02	<5	4	63	<20	0.04	<10	<10	32	<10	52			
R147123		0.79	5	15	69	<20	0.17	<10	<10	23	<10	57			
R147124		0.93	8	12	47	<20	0.07	<10	<10	30	<10	7880			
R147125		0.81	9	13	71	<20	0.15	<10	<10	97	<10	107			
R147126		5.39	137	11	88	<20	0.14	<10	<10	11	10	>10000	132	8.47	7.11
R147127		1.22	9	24	38	<20	0.22	<10	<10	19	<10	170			
R147128		0.02	<5	3	21	<20	0.06	<10	<10	24	<10	55			
R147129		0.01	7	10	95	<20	0.28	<10	<10	51	<10	105			
R147130		0.14	5	13	117	<20	0.23	<10	<10	65	<10	47			
R147131		0.92	18	13	101	<20	0.21	<10	<10	60	<10	55			
R147132		0.05	<5	14	111	<20	0.19	<10	<10	67	<10	62			
R147133		0.06	10	14	79	<20	0.22	<10	<10	70	<10	47			
R147134		1.42	21	15	77	<20	0.16	<10	<10	64	<10	46			
R147135		0.24	9	14	88	<20	0.23	<10	<10	76	<10	94			
R147136		1.30	21	17	88	20	0.21	<10	<10	79	<10	54			
R147137		5.91	51	13	64	<20	0.07	<10	<10	48	<10	22			
R147151		0.02	<5	13	106	<20	0.23	<10	<10	64	<10	64			
R147152		0.01	8	12	105	<20	0.19	<10	<10	60	<10	65			
R147153		0.01	6	11	107	<20	0.20	<10	<10	58	<10	48			
R147154		0.01	<5	12	145	<20	0.20	<10	<10	63	<10	57			
R147155		0.01	6	10	115	<20	0.16	<10	<10	51	<10	57			
R147156		0.02	5	12	143	<20	0.20	<10	<10	61	<10	77			
R147157		<0.01	<5	13	155	<20	0.21	<10	<10	65	<10	60			
R147158		0.01	<5	13	138	<20	0.20	<10	<10	65	<10	69			
R147159		0.01	<5	13	109	<20	0.20	<10	<10	64	<10	58			
R147160		0.05	11	15	281	<20	0.28	<10	<10	106	<10	60			
R147161		0.01	5	13	119	<20	0.22	<10	<10	66	<10	59			
R147162		0.01	<5	13	112	<20	0.21	<10	<10	65	<10	63			
R147163		0.01	8	13	118	<20	0.19	<10	<10	70	<10	75			
R147164		0.02	7	13	114	<20	0.21	<10	<10	68	<10	60			
R147165		<0.01	6	13	120	<20	0.19	<10	<10	66	<10	71			
R147166		0.01	<5	13	124	<20	0.19	<10	<10	60	<10	58			
R147167		0.01	<5	12	135	<20	0.20	<10	<10	62	<10	53			
R147168		0.01	5	10	130	<20	0.15	<10	<10	57	<10	48			
R147169		<0.01	5	12	164	<20	0.22	<10	<10	67	<10	42			
R147170		0.01	<5	4	821	<20	<0.01	<10	<10	<1	20	<2			
R147171		<0.01	<5	6	607	<20	<0.01	<10	<10	1	<10	<2			
R147172		<0.01	<5	6	361	<20	0.02	<10	<10	8	<10	8			

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CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	Au- GRA21 Au ppm 0.05	Cu- AA61 Cu ppm 2	Cu- AA62 Cu % 0.001	Ni- AA61 Ni ppm 5	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01
R147173		1.39	<0.001	<0.005	<0.001		8		<5	<0.5	3.12	79	180	0.9	<2	16.3
R147174		1.33	0.003	<0.005	<0.001		8		10	<0.5	7.53	1030	390	1.5	2	0.78
R147175		1.17	<0.001	<0.005	<0.001		8		<5	<0.5	7.09	184	420	1.5	2	0.45
R147176		1.59	<0.001	<0.005	<0.001		9		<5	<0.5	7.72	26	600	1.4	<2	0.47
R147177		1.51	<0.001	<0.005	<0.001		9		9	<0.5	7.66	32	570	1.4	<2	0.42
R147178		2.09	<0.001	<0.005	<0.001		9		10	<0.5	7.56	36	410	1.2	<2	0.62
R147179		2.06	<0.001	<0.005	0.001		8		10	<0.5	7.34	47	370	1.2	<2	0.57
R147180		1.89	<0.001	<0.005	0.002		7		15	<0.5	7.65	30	710	1.6	<2	0.40
R147181		1.27	0.001	<0.005	0.001		62		55	<0.5	8.10	<5	1130	1.0	<2	2.69
R147182		1.91	<0.001	<0.005	<0.001		77		<5	<0.5	5.98	25	290	1.5	<2	0.85
R147183		1.88	<0.001	<0.005	<0.001		83		<5	<0.5	6.01	78	180	1.3	<2	0.88
R147184		0.47	0.002	<0.005	0.003		9		<5	<0.5	5.76	15	90	1.5	4	3.20
R147185		1.11	0.467	<0.005	<0.001		11		<5	<0.5	0.08	1115	<10	<0.5	<2	0.13
R147186		0.88	0.016	<0.005	0.002		8		<5	<0.5	6.47	201	260	1.3	<2	0.77
R147187		3.00	0.386	<0.005	0.003		15		12	0.5	3.19	1510	90	0.5	<2	1.21
R147188		2.10	0.007	0.005	0.008		28		24	<0.5	5.91	14	170	0.9	<2	2.35
R147189		2.28	<0.001	0.005	0.002		23		16	<0.5	1.97	13	100	<0.5	<2	1.14
R147190		2.15	0.014	0.010	0.006		10		57	<0.5	5.93	217	300	1.0	<2	2.01
R147191		2.07	<0.001	0.008	0.006		8		28	<0.5	3.04	30	120	<0.5	<2	1.54
R147192		1.52	0.016	0.007	0.003		13		35	<0.5	5.43	60	250	0.8	<2	2.32
R147193		2.06	0.005	<0.005	0.004		4		14	<0.5	1.67	44	90	<0.5	<2	0.75
R146284		0.53	<0.001	<0.005	<0.001		298		<5							

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Finalisée date:
16- AOUT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2
R147173		<0.5	3	21	<1	2.22	10	0.84	10	0.28	1770	<1	0.89	4	120	6
R147174		<0.5	7	52	1	3.98	20	1.72	30	0.53	712	<1	2.99	14	300	3
R147175		<0.5	6	44	<1	3.86	20	1.87	30	0.63	650	<1	2.41	10	260	3
R147176		<0.5	6	43	7	4.51	20	2.16	30	0.86	811	<1	2.63	17	300	9
R147177		<0.5	8	46	2	4.50	20	2.03	30	0.67	829	<1	2.73	14	310	2
R147178		<0.5	8	51	2	3.78	20	1.65	30	0.77	728	<1	3.33	16	300	8
R147179		<0.5	7	57	1	3.67	20	1.77	30	0.80	672	<1	2.86	15	270	2
R147180		<0.5	8	59	2	4.56	20	2.77	30	0.89	820	<1	1.63	18	300	3
R147181		0.9	24	104	49	6.23	20	1.77	30	2.21	778	<1	2.35	56	940	13
R147182		<0.5	5	27	68	5.56	20	0.64	20	0.60	700	<1	3.06	7	360	6
R147183		<0.5	4	23	67	5.74	20	0.38	20	0.63	761	<1	3.41	5	360	4
R147184		0.7	5	38	2	6.77	20	0.27	10	1.33	1870	<1	2.78	9	230	<2
R147185		0.6	1	40	5	0.89	<10	0.01	<10	0.03	140	1	0.01	3	20	9
R147186		<0.5	7	42	1	6.66	20	1.14	10	0.87	1120	<1	2.80	15	900	7
R147187		<0.5	6	41	7	3.31	10	0.41	<10	0.47	717	<1	1.55	11	280	215
R147188		<0.5	13	33	19	7.28	20	0.99	10	1.00	1570	<1	2.78	23	830	<2
R147189		<0.5	5	70	12	3.09	10	0.61	<10	0.77	532	<1	0.12	20	180	<2
R147190		0.6	19	107	3	8.84	20	1.78	<10	2.82	1180	<1	0.14	59	360	<2
R147191		0.6	10	96	1	5.21	10	0.66	<10	1.68	902	<1	0.12	30	150	<2
R147192		<0.5	10	65	6	7.45	20	2.00	<10	2.08	1635	<1	1.20	40	860	<2
R147193		<0.5	5	39	2	2.68	10	0.67	<10	0.59	477	<1	0.25	18	240	<2
R146284																

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CERTIFICAT D'ANALYSE VO15105502

Description échantillon	Méthode élément unités L.D.	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Ag- OG62 Ag ppm 1	Pb- OG62 Pb % 0.001	Zn- OG62 Zn % 0.001
R147173		<0.01	5	8	292	<20	0.10	<10	<10	34	20	21			
R147174		0.05	<5	11	122	<20	0.18	<10	<10	72	<10	45			
R147175		0.01	<5	11	98	<20	0.19	<10	<10	68	<10	51			
R147176		<0.01	5	13	135	<20	0.23	<10	<10	69	<10	65			
R147177		<0.01	<5	13	132	<20	0.22	<10	<10	67	<10	60			
R147178		<0.01	7	12	149	<20	0.19	<10	<10	71	<10	48			
R147179		<0.01	7	11	112	<20	0.17	<10	<10	72	<10	46			
R147180		<0.01	5	12	72	<20	0.20	<10	<10	80	<10	55			
R147181		0.12	6	22	604	<20	0.53	<10	<10	159	<10	125			
R147182		0.70	<5	17	50	<20	0.23	<10	<10	25	<10	69			
R147183		0.80	5	15	56	<20	0.20	<10	<10	21	<10	60			
R147184		0.03	<5	37	130	<20	0.55	<10	<10	87	<10	43			
R147185		0.10	<5	2	4	<20	<0.01	<10	<10	7	<10	28			
R147186		0.01	8	33	120	<20	0.34	<10	<10	68	<10	79			
R147187		0.12	6	16	77	<20	0.24	<10	<10	40	<10	50			
R147188		0.34	6	32	166	<20	0.48	<10	<10	57	<10	69			
R147189		0.05	<5	12	38	<20	0.11	<10	<10	70	<10	20			
R147190		0.05	7	34	101	<20	0.38	<10	<10	191	<10	74			
R147191		0.01	<5	16	72	<20	0.20	<10	<10	96	<10	42			
R147192		0.03	6	33	117	<20	0.21	<10	<10	153	<10	32			
R147193		0.01	<5	9	31	<20	0.07	<10	<10	47	<10	13			
R146284															

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CERTIFICAT D'ANALYSE VO15105502

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
LOG- 24	PUL- 32	PUL- QC	SPL- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Ag- OG62	Au- GRA21	Cu- AA61	Cu- AA62
ME- ICP61	ME- OG62	Ni- AA61	Pb- OG62
PGM- ICP23	WEI- 21	Zn- OG62	

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Finalisée date:
19- AOUT- 2015
Compte: MIDEXP

CERTIFICAT VO15107299

Projet: PALLAS ET WILLBOB PROJECT

Ce rapport s'applique aux 38 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 23- JUIL- 2015.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Cu- AA61	Trace Cu - Digestion quatre acides	AAS
Ni- AA61	Trace Ni - Digestion quatre acides	AAS
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Projet: PALLAS ET WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15107299

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1
R146215		0.91	0.001	0.013	0.011											
R146216		0.76	0.001	0.013	0.011											
R146217		0.98	<0.001	0.014	0.021											
R146218		0.47	0.004	0.009	0.011											
R146219		0.69	<0.001	<0.005	<0.001											
R146220		0.11	0.511	0.394	1.870											
R146221		0.62	0.005	0.051	0.040											
R146222		0.62	0.016	0.022	0.001											
R146285		0.94	0.007	<0.005	0.003											
R146286		0.77	0.024	<0.005	<0.001											
R146287		0.73	0.007	0.036	0.028											
R146288		1.01	0.022	0.066	0.108											
R146289		0.84	0.055	0.201	0.474											
R146290		0.85	0.065	0.166	0.402											
R146291		0.95	0.021	0.081	0.169											
R146292		1.02	0.017	0.223	0.077											
R146293		1.31	0.014	0.168	0.338											
R146294		0.76	0.044	0.172	0.468											
R146295		0.96	0.026	0.092	0.204											
R146296		0.90	0.067	0.104	0.060											
R147194		1.62	0.008	<0.005	0.003	<0.5	8.15	3020	630	2.1	<2	0.70	<0.5	9	45	16
R147195		2.54	0.001	<0.005	0.002	<0.5	7.64	591	600	1.8	<2	0.77	<0.5	8	44	13
R147196		1.90	<0.001	<0.005	0.001	<0.5	7.87	38	510	1.5	<2	0.71	<0.5	8	47	4
R147197		1.79	<0.001	<0.005	0.001	<0.5	7.72	19	380	1.2	<2	0.70	<0.5	7	43	1
R147198		2.30	<0.001	<0.005	0.001	<0.5	8.00	24	350	1.4	<2	0.32	<0.5	8	51	2
R147199		1.67	0.015	<0.005	0.001	<0.5	9.55	6650	370	1.7	<2	0.12	<0.5	12	46	<1
R147200		1.48	0.093	<0.005	0.001	<0.5	9.51	>10000	470	2.0	<2	0.10	<0.5	15	49	<1
R147201		1.81	0.025	<0.005	0.002	<0.5	9.43	7270	440	1.9	<2	0.15	<0.5	8	51	1
R147202		1.80	0.004	<0.005	0.001	<0.5	9.02	1335	430	1.9	<2	0.17	<0.5	8	49	<1
R147203		1.07	0.142	<0.005	0.001	<0.5	9.11	>10000	580	2.3	<2	0.08	<0.5	25	53	<1
R147204		2.26	0.007	<0.005	0.001	<0.5	8.56	2330	530	2.0	<2	0.28	<0.5	10	50	1
R147205		2.21	<0.001	<0.005	0.001	<0.5	8.93	46	280	1.3	<2	0.38	<0.5	6	51	1
R147206		1.24	<0.001	<0.005	0.001	<0.5	8.57	50	280	1.3	<2	0.26	<0.5	8	50	<1
R147207		2.68	0.001	<0.005	0.001	<0.5	8.13	66	380	1.5	<2	0.51	<0.5	7	50	1
R147208		2.01	<0.001	<0.005	0.001	<0.5	8.63	173	550	1.6	<2	1.53	<0.5	7	48	3
R147209		2.34	0.008	<0.005	0.001	<0.5	8.48	2880	500	1.5	<2	0.62	<0.5	9	48	2
R147210		2.18	0.001	<0.005	0.001	<0.5	7.83	895	490	1.5	<2	0.68	<0.5	9	45	2
R147211		1.51	<0.001	<0.005	0.001	<0.5	7.41	172	530	1.6	3	0.85	<0.5	7	39	10

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CERTIFICAT D'ANALYSE VO15107299

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
R146215																
R146216																
R146217																
R146218																
R146219																
R146220																
R146221																
R146222																
R146285																
R146286																
R146287																
R146288																
R146289																
R146290																
R146291																
R146292																
R146293																
R146294																
R146295																
R146296																
R147194		4.55	30	2.82	40	0.69	840	<1	2.31	16	330	2	0.19	<5	14	76
R147195		4.51	20	2.59	30	0.71	873	<1	2.18	16	320	<2	0.10	<5	13	89
R147196		4.31	20	2.25	30	0.77	824	<1	2.83	14	330	2	0.01	<5	13	107
R147197		4.35	20	1.55	30	0.77	807	<1	3.50	14	310	<2	0.01	<5	12	120
R147198		4.25	20	1.31	30	0.79	648	<1	3.89	14	320	2	<0.01	<5	13	116
R147199		5.16	20	1.46	30	0.82	729	<1	4.99	16	350	<2	0.33	<5	14	109
R147200		6.59	30	1.86	40	0.75	603	1	4.51	19	350	<2	1.35	8	17	80
R147201		4.80	30	1.73	40	0.68	630	<1	4.73	14	360	<2	0.29	<5	16	101
R147202		4.34	30	1.55	30	0.85	627	<1	4.91	16	350	4	0.07	5	15	89
R147203		6.99	30	2.21	40	0.71	374	<1	3.87	27	380	5	1.61	16	18	67
R147204		4.47	30	2.31	40	0.61	809	<1	3.65	19	340	3	0.12	7	15	93
R147205		3.88	20	1.16	40	0.76	710	<1	5.32	16	330	<2	0.01	8	12	131
R147206		4.14	20	1.24	30	0.74	703	<1	5.04	18	330	<2	<0.01	<5	12	132
R147207		4.25	20	1.71	30	0.79	825	<1	3.73	16	320	<2	0.01	<5	14	132
R147208		4.64	20	2.29	30	0.73	1130	1	3.56	16	370	<2	0.03	<5	15	158
R147209		4.74	20	2.06	30	0.39	943	1	3.58	14	360	<2	0.14	5	14	129
R147210		4.69	20	2.08	30	0.63	913	1	2.97	16	310	<2	0.05	<5	14	118
R147211		4.32	20	2.20	30	0.65	789	<1	2.46	13	300	4	0.11	<5	13	106

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
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ROSEMÈRE QC J7A 2H1

Finalisée date:
19- AOUT- 2015
Compte: MIDEXP

Projet: PALLAS ET WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15107299

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Cu- AA61 Cu ppm 2	Ni- AA61 Ni ppm 5
R146215									127	80
R146216									116	77
R146217									88	151
R146218									431	79
R146219									49	<5
R146220									112	205
R146221									280	83
R146222									322	75
R146285									1830	394
R146286									939	156
R146287									203	93
R146288									1125	134
R146289									5260	891
R146290									3780	755
R146291									996	291
R146292									1990	809
R146293									1320	709
R146294									2310	890
R146295									2440	496
R146296									3460	847
R147194		<20	0.20	<10	<10	76	10	50	14	18
R147195		<20	0.19	<10	<10	69	<10	72	13	10
R147196		<20	0.22	<10	<10	71	<10	39	2	12
R147197		<20	0.18	<10	<10	69	<10	56	<2	18
R147198		<20	0.22	<10	<10	69	10	66	<2	12
R147199		<20	0.19	<10	<10	75	<10	67	<2	17
R147200		<20	0.19	<10	<10	80	10	60	<2	15
R147201		<20	0.23	<10	<10	80	<10	58	<2	16
R147202		<20	0.19	10	<10	81	<10	77	<2	11
R147203		<20	0.20	10	<10	85	10	64	<2	20
R147204		<20	0.21	10	<10	76	10	44	<2	11
R147205		<20	0.21	10	<10	70	<10	69	<2	12
R147206		<20	0.21	<10	<10	70	10	62	<2	12
R147207		<20	0.19	<10	<10	72	<10	36	<2	14
R147208		<20	0.15	<10	<10	74	<10	42	<2	12
R147209		<20	0.15	<10	<10	70	<10	55	<2	12
R147210		<20	0.18	<10	<10	67	<10	47	<2	12
R147211		<20	0.18	<10	<10	63	<10	93	9	12

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
19- AOUT- 2015
Compte: MIDEXP

Projet: PALLAS ET WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15107299

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	BAG- 01	CRU- 32	CRU- QC	LOG- 22
	LOG- 24	PUL- 32	PUL- QC	SPL- 21
	WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Cu- AA61	ME- ICP61	Ni- AA61	PGM- ICP23

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À: EXPLORATION MIDLAND INC
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Finalisée date:
18- AOUT- 2015
Compte: MIDEXP

CERTIFICAT VO15108066

Projet: PALLAS PROJECT

Ce rapport s'applique aux 30 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 23- JUIL- 2015.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
LOG- 24	Entrée pulpe - Reçu sans code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
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Projet: PALLAS PROJECT

Finalisée date:
18- AOUT- 2015
Compte: MIDEXP

CERTIFICAT D'ANALYSE VO15108066

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	ME- ICP61 Cu ppm 1	ME- ICP61 Ni ppm 1
R146201		0.74	0.058	<0.005	<0.001	27	21
R146202		0.85	0.019	<0.005	<0.001	64	2
R146203		0.77	0.016	<0.005	0.001	59	48
R146204		1.23	0.009	0.117	0.014	144	101
R146205		1.09	0.006	<0.005	0.001	67	<1
R146206		1.22	0.003	<0.005	<0.001	458	3
R146207		0.99	0.005	<0.005	0.002	282	69
R146208		0.70	0.008	0.032	0.083	291	164
R146209		0.73	0.002	0.021	0.062	54	195
R146210		0.70	0.009	0.027	0.074	503	239
R146211		0.61	0.005	0.017	0.052	183	220
R146212		0.62	0.016	0.056	0.006	119	91
R146213		0.94	0.443	0.018	0.009	6470	743
R146214		0.57	0.030	0.119	0.051	1390	382
R146223		0.61	0.107	0.022	0.020	6320	617
R146251		0.78	0.006	0.025	0.072	342	221
R146252		0.57	0.051	0.061	0.081	3750	602
R146253		0.58	0.004	0.020	0.055	208	185
R146254		0.85	0.012	0.037	0.102	548	369
R146255		0.75	0.004	0.021	0.034	309	131
R146256		0.94	0.007	0.031	0.063	362	132
R146257		1.00	0.002	<0.005	0.001	158	58
R146258		1.23	0.007	0.111	0.034	160	83
R146259		1.34	0.006	0.036	0.040	369	146
R146260		0.11	0.488	0.407	1.880	104	210
R146261		0.70	0.021	0.042	0.140	3250	343
R146262		0.77	0.014	0.037	0.096	937	357
R146263		0.88	0.009	0.034	0.096	574	294
R146264		0.73	0.058	0.139	0.693	4190	1060
R146265		1.34	0.098	0.408	2.41	3920	466

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
18- AOUT- 2015
Compte: MIDEXP

Projet: PALLAS PROJECT

CERTIFICAT D'ANALYSE VO15108066

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

BAG- 01	CRU- 32	CRU- QC	LOG- 22
LOG- 24	PUL- 32	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61	PGM- ICP23

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À: EXPLORATION MIDLAND INC
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Finalisée date: 8- OCT- 2015
Compte: MIDEXP

CERTIFICAT VO15145374

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 33 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24- SEPT- 2015.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
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ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 8- OCT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15145374

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
R146977		0.72	3.52	3.54	<0.5	5.17	>10000	240	1.3	3	0.14	<0.5	17	23	68	8.05
R146978		0.85	1.025		<0.5	5.54	>10000	140	1.0	<2	0.19	<0.5	45	22	33	5.96
R146979		0.85	0.091		<0.5	2.30	129	140	0.6	<2	0.04	<0.5	5	37	12	3.15
R146980		0.82	0.102		<0.5	5.57	37	390	1.1	3	0.25	<0.5	10	15	28	7.28
R146981		0.56	0.006		<0.5	0.75	23	30	<0.5	<2	0.07	<0.5	2	45	3	1.59
R146982		0.97	0.268		<0.5	4.69	706	80	0.6	<2	0.37	<0.5	21	28	91	4.21
R146983		0.92	2.72		<0.5	5.55	68	110	2.6	<2	0.25	<0.5	14	26	181	5.95
R146984		0.85	2.68		0.5	2.72	>10000	30	0.5	<2	0.06	<0.5	34	48	5	4.52
R146985		0.87	0.096		<0.5	5.85	3760	140	1.7	<2	1.04	<0.5	9	28	103	5.57
R146986		0.99	2.36		<0.5	5.83	>10000	160	1.7	<2	0.36	<0.5	10	20	103	6.50
R146987		0.77	0.919		<0.5	6.41	>10000	140	1.3	2	1.56	<0.5	52	11	32	8.18
R146988		0.82	0.213		<0.5	6.49	4630	140	1.6	<2	0.09	<0.5	5	14	119	6.32
R146989		1.12	3.76	2.67	0.5	7.55	>10000	140	1.3	<2	0.70	<0.5	20	13	22	7.74
R146990		0.94	0.938		<0.5	5.53	1440	320	1.4	<2	0.08	<0.5	40	20	11	17.80
R146991		0.87	1.460		<0.5	6.15	>10000	160	1.3	<2	0.16	<0.5	71	19	118	7.17
R146992		0.84	0.235		<0.5	1.56	194	90	<0.5	<2	0.12	<0.5	29	63	6	4.96
R146993		0.11	0.481		0.5	7.92	38	430	0.6	<2	4.35	<0.5	20	205	106	4.53
R147983		0.78	3.88	4.53	<0.5	0.41	>10000	20	<0.5	<2	0.02	<0.5	48	61	10	5.72
R147984		0.65	3.54	3.40	0.7	3.39	>10000	40	0.6	<2	0.12	<0.5	26	36	49	8.64
R147985		0.56	1.915		0.6	3.94	>10000	80	0.7	<2	0.18	<0.5	79	21	57	7.03
R147986		0.57	1.980		<0.5	5.21	>10000	70	1.0	<2	0.61	<0.5	67	24	8	5.18
R147987		0.68	6.15	6.89	<0.5	5.41	160	110	1.0	3	0.25	<0.5	14	20	146	5.77
R147988		0.76	3.42	3.33	<0.5	1.93	>10000	10	<0.5	<2	0.20	<0.5	72	43	7	5.75
R147989		0.95	0.190		<0.5	5.78	402	70	0.9	<2	0.93	<0.5	4	22	3	4.19
R147990		0.67	1.260		<0.5	1.89	>10000	40	<0.5	<2	0.06	<0.5	4	45	7	3.00
R147991		1.00	4.66	4.84	0.5	0.62	>10000	10	<0.5	<2	0.01	<0.5	3	48	3	2.35
R147992		1.27	>10.0	25.2	1.5	0.78	>10000	10	<0.5	<2	0.01	<0.5	63	52	7	6.49
R147993		0.66	0.006		<0.5	5.55	148	100	0.8	<2	0.95	<0.5	18	12	21	8.37
R147994		0.90	1.630		<0.5	4.17	>10000	30	0.6	<2	0.07	<0.5	17	24	39	6.32
R147995		1.04	1.720		<0.5	5.04	707	80	1.0	<2	0.78	<0.5	12	18	192	5.74
R147996		0.84	3.48	3.34	0.5	3.26	>10000	60	0.6	<2	0.03	<0.5	5	30	18	4.74
R147997		0.93	6.29	5.72	<0.5	2.40	>10000	30	<0.5	<2	0.06	<0.5	9	42	28	5.06
R147998		0.84	<0.005		<0.5	7.32	71	1120	1.1	<2	3.05	<0.5	21	208	44	5.63

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 8- OCT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15145374

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
R146977		10	0.41	10	0.04	815	1	3.27	3	270	11	2.84	8	9	98	<20
R146978		20	0.72	<10	0.07	375	1	3.29	1	140	3	2.44	<5	10	112	<20
R146979		10	0.47	<10	0.03	420	<1	0.89	1	120	4	0.04	<5	5	39	<20
R146980		20	0.61	<10	0.12	1160	<1	2.43	<1	300	<2	0.10	<5	13	105	<20
R146981		<10	0.06	<10	0.03	209	<1	0.30	<1	50	<2	0.01	<5	1	12	<20
R146982		10	0.38	<10	0.07	439	<1	3.10	3	270	2	0.95	<5	7	73	<20
R146983		10	0.27	<10	0.05	254	<1	3.76	<1	370	3	1.46	<5	13	72	<20
R146984		<10	0.10	<10	0.01	99	1	2.03	<1	10	13	2.39	13	1	31	<20
R146985		10	0.35	10	0.20	720	<1	3.56	2	410	4	1.82	<5	15	72	<20
R146986		10	0.51	10	0.10	432	1	3.65	<1	370	13	2.38	<5	11	63	<20
R146987		10	0.60	10	0.15	896	<1	4.23	<1	420	4	3.23	<5	12	103	<20
R146988		10	0.50	10	0.09	209	<1	4.03	<1	370	6	1.85	<5	8	63	<20
R146989		10	0.36	10	0.06	435	1	5.65	1	210	6	4.81	12	5	97	<20
R146990		20	1.17	10	0.02	55	<1	2.59	1	180	13	>10.0	<5	12	52	<20
R146991		10	0.32	10	0.01	149	1	4.48	3	580	11	3.95	10	5	105	<20
R146992		10	0.36	10	0.05	566	<1	0.61	2	110	4	1.44	<5	4	28	<20
R146993		20	0.74	10	2.35	815	8	2.09	212	510	6	0.06	<5	14	293	<20
R147983		<10	0.07	<10	0.01	108	2	0.21	1	70	7	2.81	15	1	6	<20
R147984		10	0.18	10	0.03	347	1	2.41	2	120	11	4.72	8	7	42	<20
R147985		10	0.39	<10	0.07	252	1	2.27	1	300	17	2.57	8	8	82	<20
R147986		10	0.45	10	0.06	673	1	3.39	3	240	7	1.45	7	10	72	<20
R147987		10	0.23	20	0.03	441	<1	3.58	<1	320	7	1.16	<5	14	127	<20
R147988		<10	0.02	<10	0.02	196	1	1.54	3	80	26	2.61	14	2	27	<20
R147989		20	0.27	20	0.13	1045	<1	4.24	3	820	2	0.14	<5	17	83	<20
R147990		<10	0.18	<10	0.01	126	1	1.21	2	110	106	0.94	8	4	20	<20
R147991		<10	0.04	<10	<0.01	47	1	0.45	1	30	41	1.03	7	1	8	<20
R147992		<10	0.02	<10	<0.01	51	3	0.61	1	30	30	3.54	22	<1	11	<20
R147993		20	0.21	10	0.25	1160	<1	2.28	2	390	2	0.23	<5	9	81	<20
R147994		10	0.14	<10	0.02	126	1	3.05	1	250	11	2.62	12	5	64	<20
R147995		10	0.28	10	0.09	514	<1	3.51	1	330	2	1.76	<5	9	95	<20
R147996		10	0.22	<10	0.02	148	1	2.22	1	150	9	1.45	9	4	40	<20
R147997		10	0.10	<10	0.01	95	1	1.75	1	170	22	2.57	11	2	44	<20
R147998		20	1.51	30	2.48	735	<1	1.99	66	1000	10	0.11	<5	21	412	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 8- OCT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15145374

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
R146977		0.13	<10	<10	6	<10	11
R146978		0.08	<10	<10	2	<10	11
R146979		0.03	<10	<10	1	<10	8
R146980		0.11	<10	<10	<1	<10	33
R146981		0.03	<10	<10	1	<10	9
R146982		0.09	<10	<10	3	<10	11
R146983		0.23	<10	<10	8	<10	17
R146984		0.01	<10	<10	1	<10	<2
R146985		0.28	<10	<10	24	<10	21
R146986		0.22	<10	<10	21	<10	13
R146987		0.20	<10	<10	17	10	10
R146988		0.25	<10	<10	21	<10	13
R146989		0.08	<10	<10	7	<10	5
R146990		0.22	<10	<10	2	60	<2
R146991		0.10	10	<10	7	<10	3
R146992		0.03	<10	<10	1	<10	12
R146993		0.29	<10	<10	110	<10	60
R147983		0.01	<10	<10	1	<10	2
R147984		0.04	<10	<10	6	<10	7
R147985		0.07	<10	<10	13	<10	13
R147986		0.08	<10	<10	3	10	10
R147987		0.20	<10	<10	4	<10	11
R147988		0.02	<10	<10	1	<10	9
R147989		0.13	<10	<10	4	10	16
R147990		0.07	<10	<10	12	<10	2
R147991		0.04	<10	<10	5	<10	<2
R147992		0.01	<10	<10	<1	<10	<2
R147993		0.13	<10	<10	<1	<10	59
R147994		0.05	<10	<10	12	<10	4
R147995		0.07	<10	<10	13	<10	8
R147996		0.06	<10	<10	14	<10	4
R147997		0.05	<10	<10	8	<10	2
R147998		0.51	<10	<10	160	<10	113

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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SUITE 220
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Finalisée date: 8- OCT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15145374

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 18- OCT- 2015
Compte: MIDEXP

CERTIFICAT VO15145441

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 57 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24- SEPT- 2015.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Pb- OG62	Teneur marchande Pb - quatre acides	VARIABLE
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICAT D'ANALYSE VO15145441

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
R146951		0.70	<0.005		<0.5	5.60	6	370	1.1	<2	0.44	<0.5	5	42	1	3.52
R146952		0.58	<0.005		<0.5	6.40	28	450	2.1	<2	0.20	<0.5	5	49	2	2.02
R146953		0.69	<0.005		<0.5	4.38	7	450	1.0	<2	0.14	<0.5	3	65	20	2.16
R146954		0.76	<0.005		<0.5	5.01	43	500	1.6	<2	0.88	<0.5	3	51	3	2.47
R146955		1.03	<0.005		<0.5	5.36	113	120	0.8	<2	9.52	0.7	20	304	1	4.85
R146956		0.81	<0.005		<0.5	6.45	8	440	1.1	<2	0.73	<0.5	17	17	11	8.66
R146957		0.81	0.006		<0.5	7.15	173	530	1.3	<2	1.92	<0.5	224	5	122	15.85
R146958		1.24	0.009		<0.5	3.96	41	190	0.9	<2	0.56	<0.5	10	28	98	4.46
R146960		1.68	<0.005		<0.5	4.63	400	180	0.9	<2	2.44	1.0	6	45	10	2.77
R146961		0.95	<0.005		<0.5	7.03	<5	590	1.4	<2	0.78	<0.5	15	82	78	5.29
R146962		1.17	0.005		<0.5	6.00	391	480	1.6	<2	0.43	<0.5	6	53	6	2.67
R146963		0.84	0.008		<0.5	7.48	3130	410	1.5	<2	0.44	<0.5	8	51	1	4.08
R146964		0.88	<0.005		<0.5	6.94	7	<10	<0.5	<2	6.53	<0.5	21	15	171	4.61
R146965		0.63	<0.005		<0.5	7.46	21	780	1.6	<2	0.55	<0.5	8	38	1	2.60
R146966		0.65	<0.005		<0.5	6.25	12	270	1.3	<2	0.46	<0.5	7	21	2	2.76
R146967		0.77	0.005		<0.5	6.05	14	170	0.8	<2	1.29	<0.5	41	8	28	10.55
R146968		0.80	<0.005		<0.5	5.94	<5	260	1.8	<2	1.50	<0.5	45	9	84	8.72
R146969		0.92	<0.005		<0.5	5.90	6	410	1.4	<2	2.60	<0.5	22	10	37	7.77
R146970		1.06	0.048		20.0	3.93	11	120	0.8	<2	0.62	36.5	6	23	49	6.28
R146971		0.77	<0.005		<0.5	4.41	15	160	1.0	<2	0.18	<0.5	26	45	77	5.74
R146972		0.44	0.010		<0.5	3.16	10	90	0.8	<2	0.25	7.4	18	40	70	4.12
R146973		0.58	<0.005		<0.5	3.56	20	110	0.7	<2	0.09	<0.5	23	42	45	5.52
R146974		0.43	<0.005		<0.5	0.45	15	10	<0.5	<2	0.33	<0.5	59	53	360	4.79
R146975		0.92	0.364		1.0	5.84	>10000	50	0.7	<2	1.20	<0.5	138	13	26	10.55
R146976		0.47	0.165		0.5	2.45	1265	30	<0.5	<2	0.28	<0.5	35	28	108	12.10
R147951		0.72	0.008		<0.5	7.42	23	410	1.7	<2	0.86	<0.5	32	97	197	8.68
R147952		0.72	<0.005		<0.5	2.04	48	150	0.7	<2	0.13	<0.5	2	61	2	0.80
R147953		0.66	<0.005		<0.5	10.70	30	740	3.2	<2	1.12	<0.5	8	67	1	1.67
R147954		0.49	<0.005		<0.5	1.50	129	150	0.6	<2	0.02	<0.5	1	48	1	1.08
R147955		0.66	<0.005		<0.5	1.11	21	100	<0.5	2	0.67	<0.5	3	55	1	1.21
R147956		0.82	0.344		<0.5	0.48	16	40	<0.5	2	6.10	<0.5	4	69	1	3.24
R147957		0.65	<0.005		<0.5	7.97	43	660	2.0	<2	0.69	<0.5	21	82	110	5.65
R147958		0.59	<0.005		<0.5	0.72	6	60	<0.5	<2	0.10	<0.5	1	62	2	1.16
R147959		0.55	<0.005		<0.5	10.95	27	1040	3.5	<2	0.86	<0.5	8	73	2	2.36
R147960		0.86	<0.005		<0.5	8.30	8	1070	1.2	<2	3.03	<0.5	24	118	71	5.90
R147961		0.64	0.010		<0.5	5.95	<5	70	1.0	2	1.93	<0.5	106	186	1135	15.70
R147962		0.51	<0.005		<0.5	8.75	27	760	1.7	<2	0.44	<0.5	9	58	7	3.59
R147963		0.70	<0.005		<0.5	0.33	11	30	<0.5	<2	0.25	<0.5	2	64	14	1.54
R147964		0.72	<0.005		<0.5	5.91	13	520	1.3	<2	0.37	<0.5	9	42	6	5.26
R147965		0.54	<0.005		<0.5	5.40	7	260	0.5	<2	2.43	<0.5	18	116	81	7.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO15145441

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
R146951		20	1.52	10	0.65	447	1	1.90	15	150	2		<0.01	<5	9	92
R146952		20	1.71	30	0.32	203	1	2.43	13	220	5		0.01	<5	11	69
R146953		10	1.83	10	0.43	207	1	0.91	9	230	3		0.08	<5	7	30
R146954		20	1.80	20	0.41	541	1	1.59	13	230	2		0.01	<5	9	58
R146955		20	0.88	<10	3.31	1840	2	3.03	63	130	7		<0.01	<5	20	243
R146956		20	1.86	10	0.57	1215	<1	1.04	4	790	4		0.25	<5	20	55
R146957		30	1.94	30	0.87	1105	3	0.71	7	1280	2		3.05	<5	24	72
R146958		20	0.74	10	0.10	594	<1	1.53	<1	510	25		1.43	<5	12	42
R146960		10	0.88	20	0.54	638	<1	2.57	12	360	271		0.05	<5	10	112
R146961		20	2.22	20	0.98	707	1	1.70	49	370	5		0.43	<5	12	85
R146962		20	1.86	20	0.49	348	1	2.28	15	190	6		0.02	<5	9	70
R146963		20	1.50	30	0.72	731	<1	3.01	18	340	7		0.16	6	14	60
R146964		20	0.02	10	1.15	575	<1	1.33	9	1380	5		0.51	6	19	68
R146965		20	2.09	30	0.43	423	<1	3.01	8	330	6		<0.01	6	11	108
R146966		20	1.50	<10	0.13	580	<1	2.82	4	60	5		0.02	<5	17	65
R146967		20	0.65	10	0.41	1030	2	2.04	1	1410	11		0.84	<5	22	107
R146968		20	0.80	40	0.49	1105	<1	2.73	3	530	15		1.68	<5	20	58
R146969		30	1.89	30	0.59	1235	<1	0.66	<1	640	15		0.64	<5	17	60
R146970		20	0.55	<10	0.23	591	<1	1.68	<1	340	>10000	2.03	0.67	21	9	51
R146971		10	0.67	20	0.73	514	1	1.67	24	220	46		0.48	<5	4	26
R146972		10	0.33	40	0.20	238	<1	1.79	6	260	79		2.06	<5	2	35
R146973		10	0.43	<10	0.76	527	1	1.24	9	320	47		0.69	<5	3	20
R146974		<10	0.03	<10	0.03	300	<1	0.23	2	40	17		1.85	<5	2	15
R146975		20	0.30	<10	0.42	933	<1	2.68	3	200	936		1.40	17	13	40
R146976		10	0.07	<10	0.02	329	<1	1.79	1	140	91		>10.0	5	3	36
R147951		20	1.97	70	1.10	640	2	2.02	72	580	7		1.26	<5	16	91
R147952		10	0.56	10	0.08	125	<1	0.80	4	50	5		0.01	<5	3	22
R147953		30	3.11	50	0.56	296	<1	4.53	17	240	9		0.01	6	14	146
R147954		<10	0.56	10	0.15	95	<1	0.39	2	70	7		0.01	<5	2	13
R147955		<10	0.41	10	0.10	293	<1	0.31	8	80	<2		<0.01	<5	2	22
R147956		<10	0.24	<10	2.23	1650	<1	0.03	16	10	7		<0.01	<5	10	119
R147957		20	2.62	30	0.70	891	<1	2.66	57	370	5		0.67	<5	14	114
R147958		<10	0.23	<10	0.03	183	<1	0.25	3	90	<2		0.01	<5	1	9
R147959		40	3.87	30	0.52	514	<1	3.84	16	240	4		<0.01	<5	17	128
R147960		20	1.72	30	2.17	658	<1	2.51	59	1030	16		0.13	5	21	630
R147961		10	0.30	20	0.78	669	4	2.29	646	400	7		4.74	<5	14	144
R147962		20	3.11	40	0.57	564	<1	2.84	25	360	7		0.03	<5	13	116
R147963		<10	0.16	<10	0.11	295	<1	0.03	8	30	4		0.01	<5	2	10
R147964		20	2.42	20	0.43	845	<1	1.00	12	200	4		0.02	<5	8	56
R147965		10	1.52	<10	3.24	1115	<1	1.08	38	290	4		0.48	<5	38	85

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CERTIFICAT D'ANALYSE VO15145441

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
R146951		<20	0.24	<10	<10	57	<10	39
R146952		<20	0.17	<10	<10	68	<10	13
R146953		<20	0.19	<10	<10	45	<10	11
R146954		<20	0.20	<10	<10	54	<10	19
R146955		<20	0.08	<10	<10	98	<10	44
R146956		<20	0.48	<10	<10	9	<10	56
R146957		<20	0.64	<10	<10	3	<10	80
R146958		<20	0.23	<10	<10	2	20	27
R146960		<20	0.13	<10	<10	34	<10	67
R146961		<20	0.29	<10	<10	74	<10	35
R146962		<20	0.12	<10	<10	56	<10	25
R146963		<20	0.19	<10	<10	72	<10	60
R146964		<20	0.63	<10	<10	60	<10	18
R146965		20	0.24	<10	<10	73	<10	27
R146966		<20	0.46	<10	<10	5	10	15
R146967		<20	0.46	<10	<10	1	<10	67
R146968		<20	0.30	<10	<10	<1	<10	33
R146969		<20	0.35	<10	<10	<1	<10	41
R146970		<20	0.19	<10	<10	1	<10	2040
R146971		<20	0.10	<10	<10	48	<10	62
R146972		<20	0.05	<10	<10	13	<10	256
R146973		<20	0.09	<10	<10	27	<10	64
R146974		<20	0.02	<10	<10	1	<10	15
R146975		<20	0.22	<10	<10	<1	<10	84
R146976		<20	0.08	<10	<10	1	<10	10
R147951		<20	0.31	<10	<10	84	<10	65
R147952		<20	0.04	<10	<10	23	<10	5
R147953		20	0.28	10	<10	119	<10	15
R147954		<20	0.06	<10	<10	16	<10	5
R147955		<20	0.03	<10	<10	16	<10	5
R147956		<20	0.01	<10	<10	25	<10	29
R147957		<20	0.28	<10	<10	75	<10	28
R147958		<20	0.01	<10	<10	8	<10	6
R147959		20	0.21	<10	<10	135	10	28
R147960		<20	0.55	<10	<10	167	<10	123
R147961		<20	0.24	<10	<10	50	<10	39
R147962		<20	0.30	<10	<10	85	<10	40
R147963		<20	0.01	<10	<10	10	<10	6
R147964		<20	0.05	<10	<10	60	<10	45
R147965		<20	0.49	<10	<10	232	<10	36

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15145441

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
R147966		0.76	<0.005		<0.5	6.22	<5	30	<0.5	<2	3.55	<0.5	20	106	128	3.15
R147967		0.57	<0.005		<0.5	2.62	10	<10	0.7	<2	0.73	<0.5	87	74	723	24.1
R147968		0.73	<0.005		<0.5	6.46	<5	10	<0.5	<2	5.42	<0.5	64	170	373	6.43
R147969		0.65	<0.005		<0.5	5.93	16	280	1.3	<2	0.66	<0.5	15	14	23	9.38
R147970		0.78	0.038		<0.5	5.02	7	160	0.8	<2	1.67	<0.5	15	16	9	7.43
R147971		0.85	>10.0	21.0	2.7	4.17	>10000	110	0.8	<2	0.19	<0.5	89	27	16	9.83
R147972		0.73	>10.0	47.8	4.5	5.55	>10000	230	1.1	<2	0.17	<0.5	49	11	17	12.65
R147973		0.79	>10.0	13.00	1.5	2.48	223	80	<0.5	2	0.97	<0.5	26	34	20	7.11
R147974		0.59	0.011		<0.5	6.69	52	240	1.1	<2	0.93	<0.5	15	14	7	6.95
R147975		0.73	0.007		<0.5	5.81	65	90	1.2	<2	1.11	<0.5	8	11	41	6.89
R147976		0.67	0.282		0.6	0.26	833	30	<0.5	<2	0.03	<0.5	287	43	227	47.1
R147977		0.64	<0.005		<0.5	6.07	17	230	1.6	<2	2.07	<0.5	24	13	60	8.49
R147978		0.55	<0.005		<0.5	5.16	12	100	1.2	<2	1.14	<0.5	24	13	69	15.40
R147979		0.93	7.57	7.53	1.7	4.97	>10000	130	1.1	<2	1.31	0.5	174	10	38	16.30
R147980		0.10	0.503		<0.5	7.51	11	430	0.6	2	4.28	<0.5	22	201	106	4.58
R147981		0.71	<0.005		0.6	5.89	130	350	1.5	<2	1.36	0.5	13	15	42	8.94
R147982		0.86	<0.005		<0.5	5.48	19	360	1.8	<2	0.67	<0.5	11	14	27	10.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18- OCT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15145441

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	Pb- OG62 Pb % 0.001	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1
R147966		10	0.27	20	2.02	520	<1	3.23	42	420	<2		0.35	<5	18	46
R147967		10	0.02	10	2.05	1070	22	0.08	141	720	2		>10.0	6	9	13
R147968		20	0.04	10	2.27	741	<1	1.82	38	780	3		1.41	<5	34	49
R147969		20	1.08	10	0.46	1275	<1	1.23	2	950	3		0.42	<5	23	51
R147970		20	0.94	10	0.26	969	<1	1.73	2	1060	5		0.26	<5	17	95
R147971		10	0.37	10	0.04	295	2	2.67	4	590	14		5.55	16	7	61
R147972		10	0.84	10	0.21	284	3	2.56	1	810	11		4.11	27	17	48
R147973		10	0.42	<10	0.09	889	<1	0.87	<1	490	12		1.04	<5	10	37
R147974		30	0.83	20	0.44	753	<1	3.01	2	1000	6		0.08	<5	20	78
R147975		20	0.30	<10	0.49	901	<1	3.36	<1	650	138		0.22	<5	19	46
R147976		<10	0.05	<10	0.06	2530	<1	0.05	7	30	113		>10.0	<5	6	1
R147977		20	0.79	10	0.51	1230	1	2.64	<1	1100	9		0.97	<5	19	100
R147978		30	0.10	<10	0.73	2120	<1	0.77	<1	720	<2		0.65	<5	15	56
R147979		10	0.42	<10	0.18	759	4	2.91	<1	560	1020		6.91	45	10	93
R147980		10	0.72	10	2.32	793	7	2.05	214	490	4		0.06	<5	13	289
R147981		20	1.39	10	0.48	871	<1	1.64	2	940	837		0.62	<5	20	78
R147982		20	1.52	<10	0.76	761	2	0.97	1	1270	31		0.44	<5	25	31

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CERTIFICAT D'ANALYSE VO15145441

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
R147966		<20	0.36	<10	<10	64	<10	15
R147967		<20	0.21	<10	10	429	<10	55
R147968		<20	0.68	<10	<10	208	<10	23
R147969		<20	0.43	<10	<10	3	<10	35
R147970		<20	0.41	10	<10	1	<10	45
R147971		<20	0.16	<10	<10	4	10	18
R147972		<20	0.42	<10	<10	5	<10	18
R147973		<20	0.19	<10	<10	<1	<10	23
R147974		<20	0.35	<10	<10	8	10	53
R147975		<20	0.41	<10	<10	<1	<10	39
R147976		<20	0.01	<10	<10	2	<10	5
R147977		<20	0.41	<10	<10	<1	<10	24
R147978		<20	0.19	<10	<10	<1	<10	54
R147979		<20	0.26	<10	<10	1	<10	26
R147980		<20	0.27	<10	<10	105	<10	60
R147981		<20	0.49	<10	<10	4	<10	117
R147982		<20	0.60	<10	<10	1	<10	40

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CERTIFICAT D'ANALYSE VO15145441

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	BAG- 01	CRU- 32
	CRU- QC	LOG- 22	LOG- 24	PUL- 32
	PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	ME- ICP61	ME- OG62	Pb- OG62

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À: EXPLORATION MIDLAND INC
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Finalisée date: 3- OCT- 2015
Compte: MIDEXP

CERTIFICAT VO15147177

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 53 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- SEPT- 2015.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 3- OCT- 2015
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CERTIFICAT D'ANALYSE VO15147177

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
R146851		2.55	0.699		<0.5	2.22	>10000	30	<0.5	<2	0.17	<0.5	16	21	29	4.00
R146852		3.13	0.728		<0.5	2.33	>10000	30	<0.5	<2	0.26	<0.5	6	24	11	2.22
R146853		3.18	3.49	3.62	<0.5	3.36	>10000	60	0.7	4	0.14	<0.5	10	12	39	5.10
R146854		1.08	0.070		<0.5	0.23	2900	<10	<0.5	2	0.01	<0.5	1	21	3	0.96
R146855		2.22	0.498		<0.5	5.64	138	100	1.1	3	0.12	<0.5	13	5	18	5.95
R146856		2.71	1.030		<0.5	1.08	5450	10	<0.5	<2	0.01	<0.5	2	14	29	1.76
R146857		2.80	<0.005		<0.5	5.62	36	90	0.8	3	0.27	<0.5	10	6	4	5.89
R146858		1.85	0.114		<0.5	0.46	3400	10	<0.5	2	0.66	<0.5	2	16	18	0.97
R146859		3.60	0.543		<0.5	2.21	3360	40	<0.5	4	0.28	<0.5	4	19	36	3.24
R146860		0.10	0.431		<0.5	7.49	12	410	0.6	<2	4.20	<0.5	21	206	101	4.38
R146861		1.59	0.029		<0.5	5.26	28	150	0.9	3	1.51	<0.5	6	9	4	6.07
R146862		2.84	0.079		<0.5	5.68	63	150	0.9	3	0.66	<0.5	11	9	26	7.61
R146863		3.62	0.144		<0.5	5.42	8180	80	0.7	<2	0.29	<0.5	20	9	36	6.81
R146864		2.78	0.174		<0.5	2.85	2330	50	0.5	3	0.16	<0.5	8	16	7	2.84
R146865		3.59	0.372		<0.5	5.65	8300	110	0.9	4	0.46	<0.5	19	9	55	6.35
R146866		2.47	1.450		<0.5	4.99	>10000	120	0.8	6	0.26	<0.5	156	9	50	9.18
R146867		4.42	0.183		<0.5	5.68	1410	110	1.0	<2	0.84	<0.5	19	11	51	7.46
R146868		2.56	<0.005		<0.5	5.41	71	400	1.7	<2	1.72	<0.5	59	7	142	5.21
R146869		2.08	<0.005		<0.5	5.20	96	280	1.4	6	1.35	<0.5	81	8	179	5.64
R146870		4.54	0.005		<0.5	5.52	74	270	1.3	4	1.44	<0.5	62	7	224	6.97
R146871		3.45	0.010		<0.5	5.45	31	80	0.9	4	1.68	<0.5	43	6	113	6.86
R146872		3.58	0.734		<0.5	5.65	526	50	1.5	<2	1.28	<0.5	10	8	22	7.70
R146873		3.74	1.835		<0.5	4.31	8200	90	1.0	3	0.45	<0.5	12	18	61	5.37
R146874		4.43	0.852		<0.5	5.40	112	120	1.3	3	0.98	<0.5	12	7	39	7.71
R146875		3.59	0.011		<0.5	5.13	24	200	1.0	3	1.05	<0.5	9	9	5	8.69
R146901		1.04	0.027		<0.5	4.55	41	100	0.9	3	0.06	<0.5	4	10	27	5.10
R146902		1.08	4.00	3.87	0.5	3.25	>10000	30	<0.5	3	0.06	<0.5	36	10	6	3.31
R146903		0.79	0.008		<0.5	7.73	91	540	2.1	3	0.04	<0.5	23	84	113	8.23
R146904		1.19	0.272		<0.5	8.05	>10000	140	1.4	4	0.28	<0.5	11	14	2	4.35
R146905		1.12	2.76		<0.5	2.01	>10000	50	<0.5	<2	0.05	<0.5	21	13	22	4.21
R146906		0.68	0.022		<0.5	5.79	269	240	1.5	2	0.25	<0.5	11	6	5	6.65
R146907		0.77	0.037		<0.5	6.06	115	80	0.9	<2	0.37	<0.5	9	7	17	6.68
R146908		0.92	0.053		<0.5	6.12	510	90	0.8	2	0.10	<0.5	13	14	16	2.51
R146994		0.86	<0.005		<0.5	3.56	11	110	0.7	2	0.45	<0.5	4	16	4	3.17
R146995		0.64	<0.005		<0.5	5.22	23	100	0.9	3	0.24	<0.5	3	8	3	2.89
R146996		0.69	0.473		<0.5	0.12	22	10	<0.5	<2	0.01	<0.5	10	17	49	2.33
R146997		0.78	1.670		<0.5	0.99	4840	40	<0.5	<2	0.01	<0.5	103	4	118	28.5
R146998		0.77	0.409		<0.5	5.63	616	140	1.6	<2	0.58	<0.5	97	9	12	7.96
R146999		0.88	0.135		<0.5	1.18	55	90	<0.5	2	0.25	<0.5	74	7	356	16.90
R147000		0.92	0.006		<0.5	7.86	27	1270	1.1	<2	2.74	<0.5	21	94	58	6.10

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CERTIFICAT D'ANALYSE VO15147177

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
R146851		10	0.16	<10	0.11	261	<1	1.26	3	120	10	1.43	<5	5	29	<20
R146852		<10	0.14	<10	0.05	196	<1	1.62	2	70	4	0.76	<5	4	36	<20
R146853		10	0.24	<10	0.06	520	<1	2.09	3	150	9	0.87	<5	6	58	<20
R146854		<10	0.01	<10	<0.01	87	<1	0.17	2	10	8	0.13	<5	<1	3	<20
R146855		20	0.54	<10	0.15	786	<1	3.23	2	230	3	0.25	5	10	71	<20
R146856		<10	0.04	<10	0.02	72	<1	0.73	2	50	13	0.47	<5	2	11	<20
R146857		20	0.46	<10	0.21	890	<1	2.87	1	280	<2	0.03	<5	11	72	<20
R146858		<10	0.03	<10	0.01	167	<1	0.33	2	30	152	0.29	<5	2	12	<20
R146859		<10	0.18	10	0.08	332	<1	1.26	3	100	108	0.46	<5	6	30	<20
R146860		10	0.71	10	2.26	782	7	2.02	206	480	7	0.05	6	14	272	<20
R146861		20	0.97	40	0.20	1450	<1	2.58	2	310	4	0.03	<5	13	92	<20
R146862		20	1.04	20	0.26	1430	<1	2.51	4	320	3	0.17	5	15	73	<20
R146863		20	0.56	30	0.22	829	<1	3.00	3	320	9	0.79	7	13	86	<20
R146864		10	0.31	20	0.10	409	<1	1.63	2	120	3	0.15	<5	4	30	<20
R146865		20	0.78	30	0.16	754	<1	3.17	4	330	4	0.87	<5	12	78	<20
R146866		20	0.38	<10	0.08	870	<1	3.03	3	380	6	2.65	7	12	74	<20
R146867		20	0.20	10	0.30	1030	<1	2.99	2	290	7	1.02	<5	13	77	<20
R146868		20	1.04	10	0.26	920	<1	2.07	4	390	5	1.12	<5	17	70	<20
R146869		20	0.86	10	0.21	777	<1	2.09	<1	280	3	1.49	<5	14	64	<20
R146870		20	0.54	10	0.28	917	<1	2.32	<1	350	5	1.49	<5	16	79	<20
R146871		20	0.12	10	0.20	1210	<1	2.86	2	320	4	1.00	<5	14	98	<20
R146872		20	0.07	10	0.09	1450	<1	3.43	1	330	6	0.46	<5	14	80	<20
R146873		10	0.21	<10	0.07	760	<1	3.03	1	230	6	1.52	<5	8	51	<20
R146874		20	0.17	10	0.04	1490	<1	3.32	1	340	4	0.37	<5	13	82	<20
R146875		20	0.42	10	0.04	1800	<1	2.96	1	340	3	0.06	<5	13	105	<20
R146901		10	0.62	10	0.06	597	<1	2.49	2	190	4	0.14	<5	11	65	<20
R146902		<10	0.14	20	0.02	67	<1	2.35	2	110	23	1.49	9	3	42	<20
R146903		20	2.70	30	0.49	336	6	2.03	65	160	33	1.99	<5	10	47	<20
R146904		20	0.77	20	0.05	205	<1	5.24	5	310	6	2.64	7	8	97	<20
R146905		<10	0.12	<10	0.01	139	1	1.46	3	40	13	2.11	10	1	31	<20
R146906		20	1.23	10	0.08	875	<1	2.50	1	420	9	1.23	<5	10	88	<20
R146907		20	0.52	<10	0.29	887	<1	3.20	6	70	8	0.48	<5	12	34	<20
R146908		20	0.51	<10	0.02	96	<1	4.37	4	130	5	1.96	<5	4	55	<20
R146994		10	0.51	<10	0.05	736	<1	1.91	2	80	<2	0.01	<5	14	33	<20
R146995		10	0.50	<10	0.04	695	<1	3.35	1	50	3	0.01	<5	19	49	<20
R146996		<10	0.05	<10	<0.01	147	<1	0.02	3	10	3	0.44	<5	1	3	<20
R146997		<10	0.22	<10	0.01	502	1	0.41	10	40	13	>10.0	7	3	11	<20
R146998		20	1.43	10	0.05	445	<1	1.90	1	270	5	6.41	6	11	49	<20
R146999		<10	0.23	<10	0.05	254	<1	0.33	<1	60	20	>10.0	7	3	13	<20
R147000		20	1.94	40	1.89	730	<1	2.30	50	960	16	0.15	5	21	577	<20

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À: EXPLORATION MIDLAND INC
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plus les pages d'annexe
Finalisée date: 3- OCT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15147177

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
R146851		0.05	<10	<10	9	<10	11
R146852		0.03	<10	<10	7	<10	4
R146853		0.07	<10	<10	4	<10	15
R146854		0.01	<10	<10	1	<10	<2
R146855		0.05	<10	<10	1	<10	27
R146856		0.03	<10	<10	5	<10	4
R146857		0.07	<10	<10	<1	<10	38
R146858		0.02	<10	<10	2	<10	<2
R146859		0.07	<10	<10	7	<10	14
R146860		0.27	<10	<10	103	<10	58
R146861		0.05	<10	<10	2	<10	28
R146862		0.05	<10	<10	2	<10	41
R146863		0.06	<10	<10	5	<10	36
R146864		0.04	<10	<10	5	<10	12
R146865		0.07	<10	<10	5	<10	23
R146866		0.12	<10	<10	1	<10	30
R146867		0.22	<10	<10	4	<10	39
R146868		0.24	<10	<10	<1	<10	23
R146869		0.17	<10	<10	<1	<10	22
R146870		0.28	<10	<10	<1	<10	30
R146871		0.25	<10	<10	<1	<10	34
R146872		0.26	<10	<10	2	<10	49
R146873		0.13	<10	<10	5	<10	12
R146874		0.25	<10	<10	1	<10	42
R146875		0.21	<10	<10	<1	<10	40
R146901		0.06	<10	<10	1	<10	26
R146902		0.05	<10	<10	4	<10	<2
R146903		0.12	<10	<10	165	<10	45
R146904		0.05	<10	<10	9	<10	4
R146905		0.02	<10	<10	2	<10	2
R146906		0.12	<10	<10	1	<10	13
R146907		0.08	<10	<10	2	<10	77
R146908		0.12	<10	<10	2	<10	5
R146994		0.03	<10	<10	2	<10	14
R146995		0.05	<10	<10	2	<10	16
R146996		<0.01	<10	<10	<1	<10	15
R146997		0.01	<10	<10	1	<10	28
R146998		0.16	<10	<10	<1	<10	8
R146999		0.04	<10	<10	<1	<10	21
R147000		0.50	<10	<10	154	<10	100

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CERTIFICAT D'ANALYSE VO15147177

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
R147551		0.89	0.021		<0.5	7.00	76	760	2.4	<2	0.08	<0.5	32	83	345	8.66
R147552		0.82	<0.005		<0.5	5.69	7	170	0.9	2	0.48	<0.5	20	7	131	7.85
R147553		0.71	0.026		<0.5	3.93	6	230	0.9	2	0.21	<0.5	20	8	63	6.46
R147554		0.81	0.044		<0.5	5.96	7710	660	2.0	<2	0.12	<0.5	34	7	7	9.09
R147555		0.51	<0.005		<0.5	5.57	36	120	0.6	<2	4.89	<0.5	28	2	8	15.05
R147556		0.95	0.013		<0.5	6.19	167	160	1.1	<2	0.08	<0.5	15	6	6	7.79
R147557		0.65	0.009		<0.5	2.90	159	120	0.6	<2	0.15	<0.5	6	18	4	5.39
R147558		1.05	0.090		<0.5	6.62	531	210	1.2	<2	0.11	<0.5	7	8	4	5.04
R147559		0.76	<0.005		<0.5	5.41	82	230	1.1	<2	0.19	<0.5	10	5	9	8.06
R147560		0.10	0.482		<0.5	8.04	7	430	0.6	2	4.40	0.5	22	204	106	4.51
R147561		0.71	<0.005		<0.5	0.03	<5	10	<0.5	<2	0.04	<0.5	2	19	5	1.65
R147999		0.85	0.020		<0.5	0.17	17	20	<0.5	<2	0.03	<0.5	2	18	6	1.17
R148000		0.97	<0.005		<0.5	0.31	14	10	<0.5	<2	0.01	<0.5	12	23	36	2.05

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CERTIFICAT D'ANALYSE VO15147177

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
R147551		20	2.89	20	0.44	483	5	1.41	39	350	20	2.13	<5	9	45	<20
R147552		20	0.69	10	0.31	728	<1	2.44	1	540	11	0.33	<5	18	50	<20
R147553		10	0.60	10	0.12	1075	<1	1.42	<1	470	3	0.36	<5	10	61	<20
R147554		30	1.89	<10	0.09	1640	<1	1.46	3	540	5	0.35	8	17	39	<20
R147555		20	0.78	10	0.70	3590	<1	1.04	1	3070	8	0.04	<5	39	205	<20
R147556		20	0.81	<10	0.12	889	<1	2.98	3	420	4	0.91	<5	13	46	<20
R147557		10	0.64	<10	0.04	708	<1	1.20	<1	170	4	0.59	<5	8	24	<20
R147558		20	0.90	10	0.09	384	<1	3.40	<1	350	3	0.30	<5	14	72	<20
R147559		20	0.99	<10	0.04	1240	<1	2.52	1	370	3	0.16	<5	10	85	<20
R147560		20	0.75	10	2.39	805	7	2.07	209	520	3	0.06	<5	15	288	<20
R147561		<10	0.01	<10	<0.01	374	1	0.03	1	10	7	<0.01	<5	<1	6	<20
R147999		<10	0.04	<10	<0.01	149	<1	0.07	<1	<10	3	0.13	<5	<1	6	<20
R148000		<10	0.03	<10	0.01	166	1	0.14	1	20	<2	0.56	<5	1	5	<20

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15147177

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
R147551		0.13	<10	<10	144	<10	39
R147552		0.28	<10	<10	2	<10	66
R147553		0.20	<10	<10	1	<10	48
R147554		0.15	<10	<10	3	<10	36
R147555		0.91	<10	<10	6	<10	67
R147556		0.07	<10	<10	2	10	19
R147557		0.03	<10	<10	1	<10	9
R147558		0.08	<10	<10	2	10	11
R147559		0.08	<10	<10	1	<10	19
R147560		0.28	<10	<10	109	<10	59
R147561		<0.01	<10	<10	1	<10	10
R147999		<0.01	<10	<10	<1	<10	2
R148000		0.01	<10	<10	<1	<10	3

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CERTIFICAT D'ANALYSE VO15147177

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 32
CRU- QC	LOG- 22	LOG- 24	PUL- 32
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION MIDLAND INC
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Finalisée date: 9- NOV- 2015
Compte: MIDEXP

CERTIFICAT VO15150310

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 49 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 2- OCT- 2015.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 24	Entrée pulpe - Reçu sans code barre
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
BAG- 01	Entreposage pulp de ref.
CRU- 22c	
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 9- NOV- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15150310

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
R146909		0.82	0.251		<0.5	6.13	1455	150	1.3	<2	0.73	<0.5	13	16	26	4.75
R146910		0.76	0.012		<0.5	1.41	188	410	<0.5	<2	0.07	<0.5	3	44	6	0.89
R146911		0.74	0.112		<0.5	5.96	2950	150	1.2	<2	0.17	<0.5	5	18	42	4.70
R146912		0.73	<0.005		<0.5	5.86	<5	110	1.2	<2	0.95	<0.5	2	14	31	5.22
R146913		1.01	4.29	4.46	11.7	0.11	16	<10	<0.5	73	0.51	<0.5	1	49	1	0.88
R146914		0.75	0.102		<0.5	6.20	30	280	1.5	<2	0.41	<0.5	5	20	38	5.24
R146915		0.91	0.006		<0.5	6.27	<5	100	0.9	<2	0.11	<0.5	22	20	58	4.55
R146916		0.70	0.034		<0.5	5.89	<5	70	1.2	<2	0.15	<0.5	18	22	62	4.38
R146917		0.71	0.009		<0.5	6.53	<5	60	1.0	<2	0.32	<0.5	15	16	53	4.26
R146918		1.05	<0.005		<0.5	7.78	18	50	1.3	2	0.17	<0.5	8	31	2	1.08
R146919		0.64	0.150		<0.5	5.99	7	170	1.2	3	0.22	<0.5	6	17	39	4.80
R146920		0.82	0.005		<0.5	7.34	<5	1080	1.1	<2	2.46	<0.5	21	102	42	5.75
R146921		0.97	0.018		<0.5	7.60	215	430	1.9	<2	0.79	<0.5	7	12	1	6.02
R146922		0.84	0.989		<0.5	5.91	2530	230	1.3	<2	0.53	<0.5	7	16	27	5.52
R146923		0.74	0.117		<0.5	6.46	10	100	1.0	<2	0.29	<0.5	20	14	65	6.69
R146924		0.90	0.172		<0.5	6.13	18	150	1.0	<2	0.20	<0.5	18	13	57	6.80
R146925		0.91	0.139		<0.5	5.88	<5	50	0.8	2	0.46	<0.5	24	18	57	5.81
R146926		0.76	0.006		<0.5	6.53	<5	40	0.7	<2	3.67	<0.5	29	60	146	9.90
R146927		0.67	0.008		<0.5	7.36	6	440	2.3	<2	0.31	<0.5	11	89	117	6.18
R146928		1.03	0.012		<0.5	8.58	<5	10	<0.5	<2	4.12	<0.5	51	457	458	12.00
R146929		1.01	0.005		<0.5	0.07	<5	10	<0.5	<2	2.03	<0.5	3	23	61	7.79
R146930		0.96	0.020		1.1	1.97	8	50	<0.5	5	0.54	<0.5	98	41	592	42.5
R146931		0.84	0.018		<0.5	3.30	<5	10	<0.5	6	0.02	<0.5	78	88	383	20.1
R146932		0.64	0.005		<0.5	7.22	<5	20	<0.5	6	6.94	<0.5	74	18	175	11.70
R146933		1.30	0.007		<0.5	7.03	<5	10	<0.5	<2	3.15	<0.5	50	69	166	11.85
R146934		0.77	0.005		<0.5	7.03	<5	110	1.1	<2	3.00	<0.5	20	7	104	9.03
R146935		1.68	0.005		<0.5	5.29	<5	380	1.7	<2	0.65	<0.5	18	72	94	8.78
R146936		0.93	0.008		<0.5	6.75	<5	250	1.1	<2	1.11	<0.5	41	243	327	8.86
R146937		0.81	0.010		<0.5	6.77	<5	130	1.0	<2	2.81	<0.5	51	81	302	9.69
R146938		0.67	0.006		<0.5	7.09	5	260	1.3	2	0.94	<0.5	44	175	172	8.64
R146939		0.63	0.006		<0.5	7.89	10	750	1.7	<2	0.63	<0.5	9	53	48	4.75
R146940		0.11	0.513		<0.5	8.06	8	420	0.6	<2	4.60	<0.5	23	195	109	4.74
R146941		0.99	0.006		<0.5	0.46	<5	30	<0.5	<2	0.46	<0.5	3	45	19	1.03
R146942		0.85	0.006		<0.5	7.38	<5	90	1.0	<2	3.01	<0.5	21	65	43	7.71
R146943		0.74	<0.005		<0.5	6.93	<5	50	0.9	<2	5.50	<0.5	119	45	207	12.15
R147262		1.19	0.014		<0.5	6.01	55	90	0.6	2	2.58	<0.5	6	8	217	8.75
R147263		2.18	4.10	4.30	<0.5	7.38	>10000	130	1.0	<2	2.98	<0.5	37	5	74	8.23
R147264		1.44	0.112		<0.5	8.73	2250	130	1.1	2	2.42	<0.5	5	3	25	7.75
R147265		1.69	0.008		<0.5	8.69	21	120	1.0	<2	4.00	<0.5	2	2	2	7.05
R147266		1.30	0.506		<0.5	7.58	3030	110	0.9	2	5.51	<0.5	11	2	1	6.78

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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15150310

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
R146909		20	0.54	20	0.19	313	2	4.55	1	270	3	0.86	<5	18	108	<20
R146910		<10	1.79	<10	0.04	118	3	0.05	1	120	6	0.11	<5	1	13	<20
R146911		20	0.40	20	0.14	312	1	4.31	2	160	2	0.65	<5	13	108	<20
R146912		20	0.16	10	0.29	959	1	3.69	<1	270	<2	0.14	<5	18	46	<20
R146913		<10	0.02	<10	0.01	169	3	0.06	2	70	162	0.01	<5	1	4	<20
R146914		20	0.83	10	0.23	259	2	3.97	2	290	5	0.66	<5	17	117	<20
R146915		10	0.19	20	0.01	118	1	5.19	9	70	<2	1.66	<5	7	124	<20
R146916		20	0.13	20	0.04	111	2	4.57	7	440	19	1.58	<5	10	131	<20
R146917		20	0.12	30	0.04	148	1	5.26	7	300	5	1.64	<5	10	111	<20
R146918		20	0.12	10	0.02	287	1	8.16	6	60	<2	0.04	<5	3	120	<20
R146919		20	0.37	10	0.05	220	2	4.19	2	440	15	0.97	<5	14	132	<20
R146920		20	1.78	30	1.81	659	2	2.19	51	890	11	0.10	<5	20	485	<20
R146921		30	1.76	30	0.56	443	<1	4.88	3	290	<2	0.02	<5	20	126	<20
R146922		20	0.55	10	0.17	775	1	3.93	1	300	4	0.52	<5	15	86	<20
R146923		20	0.25	10	0.09	327	1	5.13	1	580	2	2.04	<5	25	95	<20
R146924		20	0.50	20	0.15	224	1	4.27	1	730	<2	1.36	<5	25	102	<20
R146925		20	0.12	10	0.06	237	1	4.63	4	630	6	1.91	<5	16	99	<20
R146926		20	0.16	10	1.94	1605	1	0.71	30	1060	<2	1.06	<5	26	235	<20
R146927		20	1.81	10	1.01	1205	2	2.21	30	300	<2	0.76	<5	11	22	<20
R146928		20	0.01	<10	5.89	1425	<1	0.07	180	80	<2	0.54	<5	20	65	<20
R146929		<10	0.01	<10	0.85	2510	2	0.01	4	40	<2	0.04	6	<1	9	<20
R146930		<10	0.19	<10	0.49	77	13	1.20	462	180	48	>10.0	6	5	7	<20
R146931		20	0.01	<10	2.93	534	15	0.03	195	40	16	>10.0	<5	11	2	<20
R146932		20	0.07	<10	3.64	1580	<1	0.91	49	270	2	0.89	<5	40	238	<20
R146933		20	0.02	10	2.57	1900	<1	0.77	27	520	7	0.92	<5	22	171	<20
R146934		30	0.27	20	1.01	1390	<1	2.64	<1	1210	6	0.58	<5	30	86	<20
R146935		20	0.87	10	0.97	1885	2	0.98	18	410	4	0.83	<5	7	218	<20
R146936		20	1.20	20	1.07	619	2	2.36	204	410	5	2.22	<5	18	106	<20
R146937		20	0.84	20	1.05	1005	4	1.96	306	530	4	2.34	<5	23	239	<20
R146938		20	1.10	10	1.21	732	1	2.70	251	400	9	1.76	<5	18	78	<20
R146939		20	2.87	30	0.70	541	1	2.21	21	340	5	0.28	<5	13	103	<20
R146940		20	0.74	10	2.48	855	8	2.16	219	510	6	0.06	<5	15	296	<20
R146941		<10	0.17	<10	0.15	125	3	0.01	4	50	7	0.02	<5	1	11	<20
R146942		30	0.69	10	1.58	1390	<1	2.29	70	580	9	0.52	<5	23	341	<20
R146943		20	0.33	10	1.09	1280	1	0.73	872	550	10	3.21	<5	24	545	<20
R147262		20	0.33	10	0.59	1130	<1	3.89	2	990	6	1.52	<5	28	105	<20
R147263		20	0.49	20	0.47	1150	1	5.00	1	980	16	1.93	7	21	123	<20
R147264		20	0.42	10	0.81	1075	<1	5.19	<1	1250	2	0.22	<5	24	108	<20
R147265		20	0.50	10	0.81	1465	<1	5.35	<1	1230	9	0.01	<5	25	118	<20
R147266		20	0.54	10	0.80	1670	<1	5.01	<1	1330	3	0.16	<5	23	155	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 9- NOV- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15150310

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
R146909		0.26	<10	<10	27	<10	74
R146910		0.01	<10	<10	4	<10	2
R146911		0.24	<10	<10	4	<10	35
R146912		0.33	<10	<10	1	<10	41
R146913		0.04	<10	<10	1	20	2
R146914		0.24	<10	<10	17	<10	42
R146915		0.29	<10	<10	4	<10	6
R146916		0.24	<10	<10	5	<10	48
R146917		0.22	<10	<10	7	<10	13
R146918		0.26	<10	<10	5	<10	9
R146919		0.28	<10	<10	5	<10	32
R146920		0.55	<10	<10	150	<10	100
R146921		0.33	<10	<10	47	<10	107
R146922		0.27	<10	<10	13	<10	61
R146923		0.40	<10	<10	15	<10	31
R146924		0.41	<10	<10	21	<10	44
R146925		0.36	<10	<10	9	<10	24
R146926		0.60	<10	<10	159	<10	72
R146927		0.28	<10	<10	81	<10	31
R146928		0.16	<10	<10	131	<10	82
R146929		<0.01	<10	<10	3	<10	4
R146930		0.16	<10	<10	59	<10	5
R146931		0.22	<10	<10	293	<10	34
R146932		0.57	<10	<10	393	<10	61
R146933		0.55	<10	<10	193	<10	67
R146934		0.61	<10	<10	3	<10	75
R146935		0.18	<10	<10	77	<10	66
R146936		0.35	<10	<10	78	<10	33
R146937		0.43	<10	<10	75	<10	38
R146938		0.33	<10	<10	68	<10	37
R146939		0.30	<10	<10	72	<10	35
R146940		0.29	<10	<10	110	<10	64
R146941		0.02	<10	<10	10	<10	5
R146942		0.42	<10	<10	85	<10	114
R146943		0.39	<10	<10	67	<10	42
R147262		0.49	<10	<10	16	<10	52
R147263		0.34	<10	<10	16	<10	28
R147264		0.64	<10	<10	29	<10	84
R147265		0.60	<10	<10	20	<10	58
R147266		0.59	<10	<10	21	<10	36

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CERTIFICAT D'ANALYSE VO15150310

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
R147267		0.98	0.010		<0.5	8.35	74	120	1.0	2	3.88	<0.5	2	2	5	7.88
R147268		2.07	0.007		<0.5	7.72	29	310	1.0	<2	3.46	<0.5	6	4	71	6.55
R147269		1.89	0.006		<0.5	6.22	5	140	0.7	<2	3.73	<0.5	12	7	111	8.23
R147270		1.34	0.028		<0.5	7.26	93	180	0.8	<2	2.37	<0.5	9	7	187	9.63
R147271		1.51	0.054		<0.5	8.61	1415	130	1.0	<2	2.85	<0.5	8	3	148	7.88
R147272		2.01	0.018		<0.5	7.51	527	190	1.2	<2	6.66	<0.5	6	2	18	6.72
R147273		1.82	0.008		<0.5	8.05	61	160	1.1	<2	3.78	<0.5	2	2	6	5.67
R147274		1.76	0.247		<0.5	8.07	1950	150	0.9	<2	1.98	<0.5	12	3	175	8.59
R147275		1.80	0.036		<0.5	7.47	2780	90	0.8	<2	1.48	<0.5	8	6	124	11.60

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CERTIFICAT D'ANALYSE VO15150310

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
R147267		20	0.54	20	0.77	1395	<1	5.12	<1	1440	6	0.02	<5	23	137	<20
R147268		20	0.42	20	0.62	1290	<1	4.94	<1	1320	<2	0.66	<5	22	122	<20
R147269		20	0.22	20	0.75	1430	1	3.52	<1	1320	7	0.70	<5	27	143	<20
R147270		20	0.21	30	0.80	1130	<1	4.28	1	1370	<2	1.59	<5	28	112	<20
R147271		20	0.39	20	0.48	947	<1	5.80	1	1320	3	1.15	5	22	113	<20
R147272		20	0.75	20	0.75	1785	<1	4.86	<1	1230	<2	0.19	<5	23	181	<20
R147273		20	0.56	10	0.56	1155	<1	6.15	<1	1330	4	0.05	<5	16	152	<20
R147274		20	0.33	30	0.65	994	<1	4.85	1	1050	3	1.46	<5	24	104	<20
R147275		20	0.18	20	1.04	1170	<1	3.65	<1	1040	3	1.05	<5	34	79	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- NOV- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15150310

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
R147267		0.59	<10	<10	35	<10	68
R147268		0.61	10	<10	37	<10	45
R147269		0.60	<10	<10	26	<10	55
R147270		0.63	<10	<10	41	<10	66
R147271		0.66	10	<10	23	<10	50
R147272		0.38	<10	<10	28	<10	33
R147273		0.49	<10	<10	24	<10	51
R147274		0.58	<10	<10	29	<10	52
R147275		0.58	<10	<10	59	<10	92

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- NOV- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15150310

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Reno, 4977 Energy Way, Reno, NV, USA.

Applique à la Méthode:

Au- AA23	Au- GRA21	BAG- 01	CRU- 22c
CRU- 32	CRU- QC	LOG- 22	LOG- 24
PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION MIDLAND INC
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Finalisée date: 31- OCT- 2015
Compte: MIDEXP

CERTIFICAT VO15150321

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 5 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 2- OCT- 2015.

Les résultats sont transmis à:

ROBERT BANVILLE	MARIO MASSON	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
BAG- 01	Entreposage pulp de ref.
CRU- 22c	
PUL- QC	Test concassage QC
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 31- OCT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15150321

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001	ME- ICP61 Cu ppm 1	ME- ICP61 Ni ppm 1
R146944		0.96	0.001	0.014	0.006	363	71
R146945		0.69	0.001	0.014	0.004	405	44
R146946		1.64	2.30	<0.005	0.001	32	1
R146947		1.24	0.026	0.117	0.311	2620	602
R146948		1.26	0.922	<0.005	0.002	1550	26

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION MIDLAND INC
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Finalisée date: 31- OCT- 2015
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO15150321

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Reno, 4977 Energy Way, Reno, NV, USA.

Applique à la Méthode:				
	BAG- 01	CRU- 22c	CRU- 32	LOG- 22
	PUL- 32	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
	ME- ICP61	PGM- ICP23

2014 – CERTIFICATES: Midland

2014 – Prospection : Midland

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À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
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Finalisée date:
30- AOUT- 2014
Compte: MIDEXP

CERTIFICAT VO14124511

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 11 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 18- AOUT- 2014.

Les résultats sont transmis à:

ROBERT BANVILLE	JEAN- FRANÇOIS LARIVIÈRE	RICHARD ST- CYR

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 24	Entrée pulpe - Reçu sans code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION MIDLAND INC
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Finalisée date:
30- AOUT- 2014
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO14124511

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
R128714		0.83	<0.5	5.91	>10000	60	0.6	<2	1.02	<0.5	22	10	246	7.11	10	0.13
R128715		0.79	<0.5	5.62	27	50	0.5	<2	2.68	<0.5	7	16	249	5.43	20	0.11
R128716		1.01	<0.5	5.79	16	80	0.7	<2	1.55	<0.5	21	22	582	8.78	10	0.11
R128717		1.02	<0.5	6.27	7660	30	0.7	<2	3.04	<0.5	26	6	91	10.65	20	0.08
R128718		0.71	<0.5	5.80	418	20	0.6	<2	2.32	<0.5	29	10	716	13.20	20	0.03
R128719		0.65	<0.5	6.60	35	60	0.5	2	0.31	<0.5	4	32	51	3.34	10	0.17
R128720		0.10	0.6	7.94	11	420	0.6	<2	4.30	<0.5	22	193	102	4.37	10	0.74
R128721		0.50	<0.5	7.36	30	880	1.2	<2	2.59	<0.5	22	101	43	5.62	20	1.56
R128722		0.84	<0.5	5.62	5	90	<0.5	2	6.66	<0.5	34	7	102	9.41	10	0.15
R128723		0.81	<0.5	7.09	12	10	<0.5	<2	10.35	<0.5	38	893	16	4.51	10	0.05
R128724		0.90	<0.5	9.07	10	30	<0.5	<2	11.40	<0.5	47	451	158	3.40	10	0.13

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date:
30- AOUT- 2014
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO14124511

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
R128714		10	0.44	619	<1	3.70	1	1520	5	2.28	7	23	55	<20	0.69	<10
R128715		10	0.10	337	<1	2.87	<1	520	6	2.08	<5	21	179	<20	0.36	<10
R128716		10	0.56	671	<1	3.54	3	1760	2	3.58	<5	35	57	<20	0.72	<10
R128717		10	1.83	1830	<1	2.24	1	920	4	0.81	<5	52	46	<20	1.21	<10
R128718		10	1.41	1435	<1	2.47	7	1100	3	4.32	<5	48	33	<20	1.27	<10
R128719		20	0.17	460	1	4.59	<1	160	5	0.33	<5	12	46	<20	0.22	<10
R128720		10	2.33	766	7	2.04	202	480	7	0.06	<5	14	280	<20	0.28	<10
R128721		30	1.97	669	<1	2.15	51	770	16	0.12	<5	21	431	<20	0.53	<10
R128722		<10	2.52	1455	<1	1.26	23	200	<2	0.19	<5	39	65	<20	0.76	<10
R128723		<10	7.15	969	<1	0.46	204	30	<2	<0.01	<5	40	63	<20	0.12	<10
R128724		<10	5.09	754	<1	0.79	161	40	<2	0.08	<5	25	21	<20	0.09	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO14124511

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Au- ICP21 Au ppm 0.001
R128714		<10	12	<10	36	2.44
R128715		<10	3	<10	11	4.79
R128716		<10	11	<10	31	5.44
R128717		<10	48	10	108	2.12
R128718		<10	43	10	82	0.254
R128719		<10	2	<10	30	0.353
R128720		<10	106	<10	57	0.475
R128721		<10	147	<10	102	0.007
R128722		<10	667	<10	76	0.001
R128723		<10	139	<10	33	0.001
R128724		<10	96	<10	22	0.010

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ROSEMÈRE QC J7A 2H1

Finalisée date:
30- AOUT- 2014
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO14124511

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 22	LOG- 24
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	ME- ICP61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 17- OCT- 2014
Compte: MIDEXP

CERTIFICAT VO14157274

Projet: WILLBOB PROJECT

Ce rapport s'applique aux 5 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 9- OCT- 2014.

Les résultats sont transmis à:

ROBERT BANVILLE RICHARD ST- CYR	JEAN- FRANÇOIS LARIVIÈRE	MARIO MASSON

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
CRU- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION MIDLAND INC
ATTN: RICHARD ST- CYR
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: EXPLORATION MIDLAND INC
132 BOULEVARD LABELLE
SUITE 220
ROSEMÈRE QC J7A 2H1

Finalisée date: 17- OCT- 2014
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO14157274

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
Q574531		0.89	<0.5	6.89	>10000	160	0.9	<2	2.44	<0.5	27	4	122	9.47	10	0.37
Q574532		1.02	<0.5	8.25	7580	20	0.5	<2	1.23	<0.5	44	3	<1	15.15	30	0.03
Q574533		1.02	<0.5	6.17	2210	180	1.6	<2	0.40	<0.5	15	25	135	5.74	20	0.55
Q574534		1.03	<0.5	5.87	1220	120	1.3	<2	0.42	<0.5	15	21	68	4.39	20	0.38
Q574535		1.07	<0.5	0.76	>10000	50	<0.5	3	0.04	<0.5	18	21	2	2.04	<10	0.14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17- OCT- 2014
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO14157274

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
Q574531		10	0.56	1330	1	4.42	<1	1080	<2	2.18	5	24	130	<20	0.55	<10
Q574532		<10	3.44	2370	<1	2.45	2	300	<2	0.36	<5	55	14	<20	1.47	<10
Q574533		20	0.40	378	1	3.65	9	330	3	1.25	<5	15	55	<20	0.17	<10
Q574534		20	0.54	462	1	3.38	8	330	5	0.77	<5	14	55	<20	0.18	<10
Q574535		10	0.08	91	<1	0.36	13	40	23	0.82	6	2	10	<20	0.03	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17- OCT- 2014
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Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO14157274

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Au- ICP21 Au ppm 0.001
Q574531		<10	24	<10	48	2.33
Q574532		<10	294	10	136	1.725
Q574533		<10	24	<10	56	0.014
Q574534		10	23	<10	48	0.008
Q574535		<10	11	<10	7	1.975

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17- OCT- 2014
Compte: MIDEXP

Projet: WILLBOB PROJECT

CERTIFICAT D'ANALYSE VO14157274

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 22	PUL- 31
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	ME- ICP61

APPENDIX V – ALL ASSAYS CERTIFICATES

1 – Midland Certificates

2025 – Prospection : Midland
2024 – Prospection : Midland
2024 – Soils : Midland 2021 – Prospection : Midland 2020 – DDH : Midland 2019 – DDH : Midland 2019 – Prospection : Midland 2019 – Soils : Midland
2018 – Prospection : Midland
2017 – DDH : Midland 2017 – Prospection : Midland 2017 – Soils: Midland
2016 – DDH : Midland 2016 – Prospection : Midland 2015 – Prospection : Midland 2014 – Prospection : Midland

2 – Osisko

2018 – DDH : Osisko
2017 – DDH : Osisko
2017 – Prospection : Osisko
2017 – Soils : Osisko
2016 – DDH : Osisko
2016 – Prospection : Osisko
2016 – Soils : Osisko
2015 – Prospection : Osisko
2015 – Soils : Osisko
2015 – Prospection : Osisko
2014 – Soils : Osisko

3 - Others Companies

2013 – Prospection : Virginia
2013 – Soils : Virginia
2012 – DDH : Rio Silver
2012 – Prospection : Rio Silver 2011 – Prospection : Rio Silver 2011 – Soils : Rio Silver
2008 – Prospection : Everton
2000 – DDH: Noranda
2000 – Prospection : Noranda 2000 – Soils : Noranda
1996 – Prospection: Kennecott 1996 – Soils: Kennecott
1995 – DDH: Kennecott
1995 – Prospection: Kennecott 1995 – Soils: Kennecott
1994 – DDH: Kennecott
1994 – Prospection: Kennecott 1994 – Soils: Kennecott

2018 – CERTIFICATES: Osisko

2018 – DDH : Osisko

ALS Canada Ltd.

2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 5- JUL- 2018
This copy reported on
6- JUL- 2018
Account: MINVIR

CERTIFICATE VO18147954

Project: KAN

P.O. No.: KANDH18- 001

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 21- JUN- 2018.

The following have access to data associated with this certificate:

GLENN ASCH LEE SCHOLL	SIMON HEBERT LIZ STOCK	SIMON HOULE CORPORATIF WEBTRIEVE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 5- JUL- 2018
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO18147954

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458201		1.56	0.017	0.89	8.29	43.4	150	2.22	0.11	0.65	5.00	47.6	17.9	104	5.19	212
458202		0.55	0.014	0.78	6.92	71.4	100	2.06	0.08	0.73	1.77	51.3	25.5	83	4.18	246
458203		1.37	0.025	2.31	8.15	17.4	210	2.81	0.21	0.37	2.00	53.7	14.1	97	4.62	517
458204		1.18	0.008	0.78	10.15	16.2	280	2.94	0.05	0.62	1.68	56.2	5.2	120	6.24	269
458205		1.13	0.015	0.91	7.91	25.4	210	2.73	0.08	0.72	2.69	61.3	55.0	106	4.94	227
458206		1.20	0.007	0.51	5.80	15.6	180	2.10	0.06	0.48	3.91	40.2	28.6	92	3.61	171.0
458207		1.52	0.088	3.06	1.61	20.7	30	0.52	0.34	2.63	12.65	33.9	14.4	42	1.22	612
458208		1.29	0.086	3.08	1.98	230	40	0.64	0.37	3.01	12.30	40.6	40.0	45	1.33	428
458209		0.06	0.675	0.21	7.60	20.0	340	1.42	0.14	4.50	0.21	52.0	44.9	186	2.02	56.5
458210		1.45	0.057	2.74	1.25	897	10	0.29	0.32	3.73	4.66	44.2	24.5	38	0.63	403
458211		1.43	0.038	1.75	0.92	103.5	20	0.35	0.20	4.32	4.48	26.7	5.1	33	0.70	331
458212		1.44	0.093	2.38	2.46	325	90	1.37	0.31	2.23	21.1	57.2	15.6	51	1.68	420
458213		1.21	0.094	2.19	2.60	307	40	1.67	0.29	2.66	23.5	64.2	10.8	52	1.18	364
458214		1.31	0.087	1.75	3.81	151.0	30	2.80	0.29	2.22	27.8	65.2	16.0	55	1.13	251
458215		1.36	0.078	1.49	2.26	171.5	20	2.68	0.28	3.21	13.45	50.0	17.9	41	0.53	220
458216		0.24	0.001	0.01	0.08	0.6	10	0.07	0.01	36.9	0.09	2.65	0.6	2	<0.05	1.8
458217		1.38	0.040	0.87	1.48	101.5	20	0.83	0.20	3.44	6.06	43.1	11.1	30	0.20	209
458218		1.37	0.044	0.84	1.33	72.2	30	0.62	0.21	3.60	5.82	42.9	10.7	26	0.22	166.5
458219		1.36	0.068	1.17	1.67	143.5	20	0.68	0.33	3.18	10.10	38.8	14.6	34	0.34	254
458220		1.19	0.047	0.43	1.74	67.8	10	0.35	0.16	3.40	2.78	38.5	10.9	30	0.19	97.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 5- JUL- 2018
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO18147954

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
458201		15.05	21.4	0.16	4.1	0.164	0.099	3.27	25.7	28.6	0.78	547	12.25	0.27	9.2	209
458202		15.95	18.15	0.16	4.2	0.101	0.058	2.36	28.7	39.0	1.13	710	10.85	0.16	8.7	158.0
458203		17.65	22.8	0.18	3.7	0.067	0.065	3.15	27.7	34.1	0.75	349	24.6	0.29	8.5	247
458204		12.20	25.7	0.17	4.3	0.037	0.086	4.04	31.3	39.1	0.93	517	11.00	0.33	8.7	153.0
458205		10.90	20.9	0.18	4.3	0.053	0.070	3.04	36.1	32.7	0.91	1140	21.4	0.21	9.6	101.5
458206		6.90	14.45	0.10	3.0	0.076	0.074	2.35	23.0	17.0	0.46	692	6.37	0.17	8.7	62.9
458207		24.1	5.27	0.16	1.0	0.190	0.068	0.27	21.2	18.9	1.72	5150	119.0	0.01	2.0	299
458208		22.0	6.30	0.15	1.0	0.196	0.071	0.33	25.6	22.2	1.87	5430	119.0	0.02	2.3	233
458209		7.75	19.95	0.10	3.9	0.025	0.067	0.91	23.0	16.0	2.92	934	1.97	1.78	20.7	144.5
458210		23.4	4.50	0.16	0.6	0.103	0.024	0.13	26.4	17.4	2.46	9580	74.1	0.01	1.5	248
458211		19.65	3.25	0.12	0.5	0.092	0.019	0.18	16.0	10.4	2.22	9920	68.9	0.01	1.2	200
458212		19.80	8.07	0.15	1.9	0.263	0.060	0.69	34.6	18.6	1.52	7690	106.5	0.11	6.1	203
458213		18.60	8.39	0.18	2.0	0.282	0.058	0.51	38.0	21.4	1.65	9500	97.4	0.30	3.9	157.5
458214		18.70	11.40	0.19	2.6	0.335	0.059	0.32	37.8	42.9	1.64	5690	103.5	0.64	3.3	138.5
458215		21.4	7.38	0.14	1.4	0.165	0.041	0.16	28.0	28.5	2.05	9400	61.5	0.27	2.8	93.3
458216		0.24	0.27	<0.05	0.1	<0.005	0.005	0.01	2.2	1.3	2.12	185	0.66	0.04	0.1	0.4
458217		21.3	5.13	0.14	1.0	0.086	0.023	0.05	23.4	21.8	2.10	9700	34.1	0.10	2.2	70.5
458218		22.9	4.67	0.11	0.8	0.081	0.025	0.08	23.8	18.2	2.18	10200	32.3	0.06	2.2	57.6
458219		23.2	6.03	0.12	1.3	0.145	0.031	0.07	21.8	22.1	1.97	8070	57.2	0.02	2.5	77.7
458220		23.6	5.46	0.08	1.0	0.045	0.024	0.01	19.4	23.1	2.23	8580	29.8	<0.01	2.6	36.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 5- JUL- 2018
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO18147954

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
458201		270	29.2	91.3	0.017	>10.0	4.67	18.9	13	2.0	55.4	0.54	0.28	4.05	0.298	6.03
458202		390	27.4	75.8	0.010	>10.0	3.54	16.6	15	1.7	39.0	0.53	0.20	4.38	0.218	4.91
458203		290	68.1	88.9	0.030	9.45	5.11	15.8	7	2.1	53.0	0.52	0.49	5.30	0.195	5.57
458204		240	20.5	115.0	0.008	6.86	1.96	20.9	6	2.3	67.3	0.50	0.16	4.84	0.320	6.74
458205		390	22.6	94.8	0.017	6.32	3.20	17.9	7	2.0	53.2	0.59	0.17	5.01	0.248	5.24
458206		170	10.8	68.8	0.008	4.45	1.30	11.3	3	1.5	43.4	0.49	0.12	3.50	0.222	3.70
458207		1680	60.1	13.5	0.068	>10.0	10.65	4.0	20	0.5	53.1	0.12	0.61	2.36	0.040	0.95
458208		3220	75.3	15.4	0.075	>10.0	12.15	4.6	17	0.5	58.4	0.17	0.66	2.40	0.048	1.06
458209		1120	14.5	42.1	<0.002	0.03	1.04	21.3	1	1.8	357	1.21	<0.05	4.98	0.920	0.21
458210		4460	58.5	6.6	0.046	>10.0	10.55	3.0	15	0.2	68.8	0.09	0.67	1.35	0.027	0.49
458211		3560	33.3	8.4	0.033	8.09	6.76	2.4	12	0.2	75.0	0.08	0.37	1.10	0.022	0.53
458212		2950	58.2	31.8	0.089	9.56	9.93	5.2	23	0.6	67.2	0.24	0.63	3.51	0.048	1.67
458213		3440	48.8	23.2	0.085	8.05	8.87	5.4	23	0.4	86.3	0.28	0.65	3.68	0.056	1.24
458214		2440	40.7	14.1	0.097	8.12	7.35	6.6	24	0.3	85.8	0.19	0.61	3.76	0.073	0.78
458215		3100	31.2	7.4	0.062	6.07	5.42	4.8	17	0.2	76.8	0.17	0.67	2.82	0.046	0.39
458216		70	0.8	0.3	<0.002	0.03	0.08	0.2	1	<0.2	83.5	<0.05	<0.05	0.15	0.006	<0.02
458217		2840	17.1	3.7	0.025	4.58	2.76	2.8	10	0.2	61.7	0.15	0.43	2.11	0.031	0.18
458218		3960	17.1	5.5	0.033	4.31	2.79	2.8	11	0.2	60.5	0.12	0.48	1.84	0.029	0.25
458219		2790	22.7	4.3	0.056	5.23	4.10	3.3	14	0.2	58.0	0.17	0.75	2.36	0.032	0.25
458220		2870	12.2	0.5	0.019	2.31	1.88	3.2	6	<0.2	57.2	0.21	0.31	2.98	0.035	0.06

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 5- JUL- 2018
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO18147954

Sample Description	Method Analyte Units LOD	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
458201		10.6	176	1.4	9.2	871	145.5	90.5	98.1
458202		7.1	166	1.4	10.7	339	146.5		92.1
458203		17.3	261	1.5	9.1	361	136.0		
458204		10.2	166	1.4	8.4	331	160.0		
458205		11.1	288	1.4	10.6	459	158.0		
458206		4.8	117	0.9	6.6	659	108.5		
458207		43.6	892	2.0	13.4	1780	40.6		
458208		40.0	943	2.0	20.9	1800	43.8		
458209		1.1	147	2.1	20.5	131	151.0		
458210		34.0	788	1.1	22.1	710	28.4		
458211		22.7	624	0.8	18.8	659	23.2		
458212		50.2	932	0.7	24.4	2740	74.6		
458213		48.6	895	0.6	27.2	2870	78.3		
458214		45.6	871	0.5	21.0	3350	101.0		
458215		30.9	568	0.4	20.0	1680	56.6		
458216		0.4	4	<0.1	2.9	12	2.1		
458217		15.1	347	0.2	15.5	823	39.9		
458218		18.4	358	0.2	19.4	821	35.4		
458219		22.5	488	0.3	19.1	1320	48.6		
458220		13.6	261	0.1	17.4	551	39.1		

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CERTIFICATE OF ANALYSIS VO18147954

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Sudbury located at 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 6- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18147962

Projet: KAN

Bon de commande #: KANDH18- 002

Ce rapport s'applique aux 21 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 21- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH LEE SCHOLL	SIMON HEBERT LIZ STOCK	SIMON HOULE CORPORATIF WEBTRIEVE

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 6- JUIL- 2018
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO18147962

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
458221		1.53	0.066	0.59	1.40	108.5	10	0.43	0.19	3.45	7.60	36.3	11.9	35	0.20	155.0
458222		1.27	0.285	0.59	1.68	19.7	10	0.47	0.14	3.37	8.49	36.6	9.1	27	0.17	117.0
458223		1.35	0.327	0.47	1.96	54.6	20	0.66	0.19	2.72	10.15	28.3	12.1	31	0.33	131.0
458224		1.29	0.322	0.61	2.21	88.4	30	0.81	0.13	3.06	5.87	38.4	13.8	37	0.39	188.0
458225		1.61	0.200	0.63	2.00	148.0	30	0.58	0.14	3.06	9.23	35.1	16.7	35	0.50	222
458226		0.89	0.125	3.85	4.54	181.0	50	1.62	0.46	1.67	18.80	45.1	33.6	88	4.33	149.0
458227		0.67	0.150	6.41	3.29	274	30	1.34	0.80	0.27	27.3	39.0	47.0	64	4.03	126.0
458228		0.71	0.063	2.53	6.14	108.5	50	1.94	0.27	0.31	12.05	49.4	48.2	78	3.70	253
458229		0.07	2.48	0.46	7.04	11.0	330	1.18	0.17	4.78	0.10	43.6	53.8	314	0.70	82.6
458230		0.66	0.023	2.38	5.74	41.6	140	1.69	0.37	0.32	4.24	64.4	35.4	90	2.74	433
458231		0.59	0.016	0.70	10.00	19.3	350	4.23	0.06	0.83	3.86	96.9	8.4	128	6.36	284
458232		0.67	0.068	2.90	1.80	33.7	30	0.46	0.35	3.67	9.37	46.7	28.6	37	1.08	479
458233		0.61	0.052	2.20	1.40	301	30	0.53	0.28	4.68	7.98	45.8	10.5	31	0.92	383
458234		0.40	0.082	2.51	2.08	351	100	1.21	0.34	2.32	18.10	51.0	5.7	62	2.50	320
458235		0.73	0.025	0.75	1.50	73.3	<10	0.49	0.18	3.37	2.07	37.3	7.8	29	0.19	130.0
458236		0.49	0.001	0.01	0.06	0.4	10	<0.05	0.01	34.8	0.03	1.29	0.7	3	<0.05	7.4
458237		0.72	0.016	0.99	1.25	38.3	10	0.43	0.15	3.43	2.30	36.5	9.3	27	0.19	245
458238		0.60	0.038	0.49	1.37	66.5	10	0.26	0.18	3.34	2.15	32.4	8.3	27	0.14	129.5
458239		0.69	0.088	0.76	1.47	115.5	10	0.23	0.26	2.96	8.24	40.9	13.7	30	0.21	173.5
458240		0.67	0.075	0.45	1.66	21.6	20	0.45	0.15	3.45	8.76	40.7	10.9	29	0.32	113.0
458241		0.72	0.054	0.47	1.47	21.6	20	0.38	0.13	3.35	7.80	41.4	9.9	30	0.25	103.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- JUIL- 2018
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO18147962

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
458221		23.9	4.98	0.09	0.8	0.124	0.025	0.04	18.8	23.6	2.02	13600	30.9	0.02	1.8	44.8
458222		22.8	5.75	0.07	0.7	0.126	0.022	0.03	17.7	31.8	1.83	14300	21.1	0.04	1.1	35.2
458223		19.45	6.43	0.06	0.8	0.133	0.032	0.11	12.5	33.4	1.56	13700	24.4	0.06	1.4	40.9
458224		20.5	7.06	0.09	0.9	0.094	0.023	0.17	18.3	34.1	1.70	15050	20.4	0.09	1.9	43.2
458225		22.6	6.35	0.08	1.1	0.159	0.053	0.30	16.6	24.4	1.78	12650	22.9	0.08	2.0	74.8
458226		16.25	12.10	0.13	1.8	0.804	0.117	1.81	29.6	20.1	0.98	815	100.0	0.15	5.2	247
458227		23.1	9.54	0.16	1.2	1.025	0.170	1.39	26.3	14.2	0.31	198	137.0	0.06	2.8	302
458228		19.05	16.85	0.13	2.7	0.343	0.090	2.33	28.5	24.8	0.64	449	47.5	0.16	7.4	206
458229		7.80	18.35	0.06	3.5	0.051	0.059	1.01	21.2	10.0	5.46	1040	3.16	2.04	29.8	359
458230		24.4	17.20	0.16	3.0	0.103	0.058	1.93	31.5	31.7	0.86	512	26.9	0.17	9.4	325
458231		9.94	28.8	0.16	8.5	0.077	0.087	3.99	53.5	38.3	0.99	683	11.20	0.28	29.5	89.7
458232		24.4	5.53	0.17	1.0	0.157	0.056	0.23	28.6	21.0	2.17	5810	109.5	0.01	2.6	277
458233		19.85	4.81	0.14	0.9	0.148	0.030	0.32	29.0	13.5	2.60	12400	98.1	0.03	2.5	199.0
458234		16.10	6.89	0.14	1.5	0.246	0.061	0.72	32.1	15.7	1.38	5790	146.5	0.03	3.6	183.0
458235		22.1	5.08	0.09	0.9	0.044	0.019	0.01	19.4	19.9	2.24	8770	30.8	0.06	1.8	53.8
458236		0.21	0.23	0.09	<0.1	<0.005	<0.005	0.01	1.4	0.6	1.97	171	0.44	0.03	0.1	0.4
458237		21.9	4.02	0.05	0.7	0.051	0.014	0.04	19.1	10.9	2.13	9700	28.8	0.10	1.6	83.4
458238		21.2	4.34	0.05	0.8	0.040	0.020	0.04	16.2	12.1	1.99	7950	28.9	0.01	2.1	39.4
458239		22.3	4.80	0.09	1.0	0.133	0.029	0.04	23.5	13.7	1.99	10800	39.1	0.01	2.1	53.7
458240		24.5	5.28	0.06	0.9	0.133	0.026	0.11	19.0	16.3	1.94	15800	25.6	0.03	2.0	32.5
458241		23.7	4.56	<0.05	0.7	0.138	0.025	0.09	19.4	13.9	1.90	15200	21.2	0.03	1.7	26.5

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Finalisée date: 6- JUIL- 2018
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Projet: KAN

CERTIFICAT D'ANALYSE VO18147962

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
458221		2800	15.1	2.3	0.025	3.01	2.35	2.8	8	<0.2	68.5	0.11	0.44	1.86	0.028	0.12
458222		2400	15.4	1.7	0.018	2.46	1.55	3.0	7	<0.2	69.4	0.08	0.22	1.95	0.026	0.09
458223		1750	14.7	6.2	0.020	2.85	1.49	3.3	8	0.2	62.4	0.09	0.34	1.87	0.028	0.27
458224		1810	12.9	9.4	0.019	2.97	1.61	3.9	6	0.2	68.7	0.11	0.45	2.13	0.035	0.44
458225		2040	13.4	10.2	0.015	4.63	2.06	4.5	8	0.3	65.7	0.14	0.36	2.09	0.050	0.49
458226		780	116.0	71.2	0.117	>10.0	21.7	11.0	15	1.5	42.7	0.33	1.30	4.02	0.154	5.18
458227		830	211	60.0	0.118	>10.0	37.0	7.4	15	1.2	18.4	0.22	2.14	3.46	0.074	5.89
458228		370	92.9	75.4	0.048	>10.0	10.15	10.6	14	1.6	32.9	0.46	0.58	5.06	0.154	5.20
458229		1820	5.2	31.7	<0.002	0.05	0.35	21.9	<1	1.3	478	1.69	0.08	2.75	1.055	0.08
458230		330	93.9	54.8	0.031	>10.0	5.13	10.6	9	1.5	35.0	0.54	0.53	5.87	0.138	3.60
458231		360	17.9	121.5	0.013	5.29	2.85	20.3	7	3.6	65.5	1.49	0.15	8.51	0.371	6.51
458232		3860	63.8	10.7	0.059	>10.0	10.55	4.0	20	0.5	71.2	0.15	0.61	2.16	0.054	0.78
458233		5210	51.7	14.3	0.054	8.54	9.52	3.6	15	0.3	93.9	0.16	0.54	1.85	0.032	0.88
458234		2570	59.6	34.9	0.085	7.79	12.75	5.2	16	0.9	56.9	0.24	0.54	3.05	0.047	1.76
458235		2780	14.1	0.7	0.019	3.72	2.35	2.7	8	<0.2	58.9	0.13	0.38	2.02	0.030	0.07
458236		60	0.7	0.2	<0.002	0.03	0.08	0.2	1	<0.2	78.1	<0.05	<0.05	0.06	<0.005	<0.02
458237		2580	18.7	2.0	0.023	5.48	2.83	2.5	12	<0.2	63.6	0.11	0.39	1.83	0.021	0.14
458238		2260	12.4	1.4	0.018	2.95	1.98	2.2	8	<0.2	59.1	0.14	0.45	1.74	0.030	0.09
458239		2920	18.4	1.6	0.037	4.07	3.06	2.7	14	<0.2	56.0	0.15	0.62	2.31	0.030	0.11
458240		2480	21.4	6.8	0.017	2.42	1.59	3.1	9	0.2	72.1	0.13	0.27	2.24	0.048	0.28
458241		2300	11.0	5.2	0.014	2.21	1.56	2.7	7	0.2	68.0	0.11	0.32	2.04	0.040	0.24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- JUIL- 2018
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO18147962

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
458221		14.2	306	0.2	15.8	1120	34.4	85.7	97.3
458222		11.5	256	0.1	13.6	1280	29.6		96.7
458223		13.0	301	0.2	11.2	1500	33.0		
458224		12.3	336	0.2	11.7	1020	33.6		
458225		12.6	259	0.2	12.8	1520	41.7		
458226		37.5	1270	3.2	21.0	2980	69.2		
458227		60.0	1200	2.8	22.9	4180	49.3		
458228		21.7	723	2.0	12.0	1910	99.2		
458229		0.6	145	3.6	21.4	106	146.0		
458230		16.4	257	1.2	9.2	692	112.0		
458231		10.1	215	1.7	16.2	610	318		
458232		44.2	890	2.3	21.2	1410	41.6		
458233		40.3	876	0.9	25.0	1160	39.2		
458234		56.8	1270	1.2	24.3	2460	57.4		
458235		13.8	300	0.2	14.7	440	38.2		
458236		0.2	3	<0.1	2.3	6	1.3		
458237		15.5	297	0.2	14.6	413	33.1		
458238		12.1	277	0.1	13.4	434	36.1		
458239		20.6	440	0.2	18.8	1150	40.8		
458240		14.1	285	0.1	15.1	1560	35.1		
458241		11.5	248	0.1	13.8	1440	29.4		

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CERTIFICAT D'ANALYSE VO18147962

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Applique à la Méthode: CRU- 31, CRU- QC, LOG- 21, LOG- 23, PUL- 31, PUL- QC, SPL- 21, WEI- 21

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode: Au- ICP21, Hg- MS42, ME- MS61

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

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Finalisée date: 22- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18154544

Projet: Kan

Bon de commande #: KANDH18- 004

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 22- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154544

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
458261		2.34	0.001	0.11	0.20	0.6	<10	0.18	0.05	7.82	0.06	9.53	3.3	8	<0.05	28.7
458262		2.32	0.011	0.03	0.22	6.1	<10	0.21	0.04	5.12	0.06	11.20	3.5	8	<0.05	4.6
458263		1.59	0.006	0.24	8.06	8.2	330	2.60	0.13	0.33	3.07	75.2	21.1	98	3.84	89.0
458264		5.05	0.001	0.01	0.40	2.5	<10	0.35	0.02	6.01	0.03	14.05	7.1	15	<0.05	2.6
458265		2.75	0.008	0.19	0.62	12.7	20	0.33	0.09	6.00	0.07	17.15	10.4	17	0.15	52.2
458266		0.12	0.001	0.01	0.53	0.7	420	0.14	0.02	18.35	0.04	1.25	0.8	2	1.39	1.3
458267		3.24	0.009	0.55	8.31	3.3	320	3.40	0.31	0.63	0.95	65.0	13.2	103	4.04	136.5
458268		4.90	0.013	0.55	7.21	2.2	250	1.85	0.29	1.66	2.45	54.7	11.2	93	3.87	149.0
458269		0.08	2.49	0.43	6.68	11.8	330	1.22	0.17	4.77	0.10	42.9	50.4	310	0.66	79.8
458270		4.42	0.116	0.51	9.02	1.1	280	1.73	0.15	0.76	2.99	76.2	6.8	97	4.84	146.5
458271		4.72	0.037	0.57	7.76	39.6	190	1.38	0.36	1.24	4.87	64.7	40.6	78	4.06	131.0
458272		4.72	0.030	0.46	8.76	37.8	240	1.40	0.30	0.91	3.95	61.6	39.9	90	4.70	121.0
458273		4.63	0.035	0.58	8.57	52.6	240	1.30	0.41	1.54	2.45	67.9	29.0	90	4.37	114.5
458274		4.97	0.020	0.43	8.39	39.0	230	1.38	0.23	2.19	2.32	67.4	22.1	85	4.19	144.0
458275		4.14	0.018	0.39	9.25	36.9	260	1.27	0.19	0.67	2.54	64.5	24.2	106	4.18	115.0
458276		0.15	<0.001	0.01	0.08	0.8	100	<0.05	0.01	20.4	0.08	1.30	0.5	1	0.36	1.4
458277		4.67	0.019	0.43	8.85	43.1	280	1.15	0.16	1.14	2.56	56.7	24.3	117	3.91	143.5
458278		5.85	0.058	0.84	5.33	98.0	90	1.20	0.24	0.79	2.11	65.2	21.3	69	3.30	131.0
458279		0.07	7.69	1.36	6.02	33.8	320	0.94	0.54	2.97	0.07	31.0	40.0	314	0.67	112.0
458280		2.50	0.089	1.31	4.51	130.5	70	1.16	0.44	0.73	2.88	55.6	33.5	61	2.25	168.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 22- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154544

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
458261		14.55	1.43	0.06	0.1	<0.005	0.009	0.01	5.6	5.5	4.13	4340	0.90	0.01	0.8	10.6
458262		17.25	1.68	<0.05	0.3	<0.005	0.005	0.01	6.5	7.4	3.41	5810	0.40	0.01	2.4	3.4
458263		8.72	21.8	0.15	6.9	0.151	0.128	4.03	42.1	22.7	0.69	162	8.64	0.13	20.8	58.8
458264		19.00	1.42	0.06	0.3	0.005	0.009	0.01	7.7	10.9	3.68	8730	0.35	<0.01	2.0	5.7
458265		18.50	2.21	0.07	0.4	0.013	0.017	0.13	9.4	10.2	3.24	8530	1.85	0.02	2.4	32.5
458266		0.34	1.17	<0.05	0.5	<0.005	<0.005	0.28	0.6	23.0	13.30	370	0.15	0.10	1.7	0.7
458267		13.65	23.3	0.12	5.6	0.084	0.105	4.18	34.8	24.7	0.86	273	11.30	0.13	12.6	87.3
458268		13.55	21.1	0.12	4.0	0.143	0.125	3.84	29.6	20.5	1.16	760	12.95	0.12	10.9	109.0
458269		7.38	17.80	0.08	3.2	0.053	0.062	0.98	21.7	8.8	5.50	1060	3.05	1.96	28.3	340
458270		12.30	24.1	0.13	4.4	0.112	0.113	4.51	44.1	17.8	0.81	176	19.75	0.15	12.8	119.5
458271		13.80	21.0	0.16	3.0	0.277	0.121	3.91	38.0	14.7	0.86	275	20.4	0.14	6.4	141.5
458272		11.60	23.0	0.14	3.6	0.297	0.126	4.33	35.7	15.9	0.78	201	10.50	0.16	6.3	128.5
458273		11.20	23.4	0.15	3.8	0.238	0.113	4.24	38.4	14.9	1.00	263	14.70	0.16	8.5	124.0
458274		10.50	21.8	0.15	3.8	0.189	0.116	4.11	40.0	15.9	1.31	378	11.30	0.15	9.8	121.0
458275		8.72	24.0	0.13	4.8	0.187	0.151	4.54	37.1	16.3	0.67	165	12.10	0.16	18.3	138.5
458276		0.16	0.26	<0.05	<0.1	0.006	<0.005	0.04	0.8	5.1	12.35	394	0.13	0.01	0.2	0.7
458277		10.40	22.2	0.13	4.3	0.237	0.153	4.46	31.6	17.9	0.89	278	11.80	0.15	15.5	161.0
458278		19.00	16.10	0.11	4.0	0.404	0.121	2.62	36.8	19.3	1.22	1360	15.70	0.08	14.0	141.5
458279		5.54	15.15	0.06	2.4	0.185	0.053	1.05	15.1	14.3	4.01	755	6.18	1.19	16.0	242
458280		21.8	14.95	0.13	2.6	0.526	0.160	2.01	31.3	23.2	0.92	530	20.2	0.06	10.2	138.0

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QUEBEC QC G1K 7R1

Finalisée date: 22- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154544

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
458261		180	2.4	0.3	<0.002	2.10	0.27	0.5	1	<0.2	90.0	<0.05	0.21	0.17	0.006	<0.02
458262		230	1.2	0.2	<0.002	0.37	0.09	0.5	<1	<0.2	56.1	0.15	0.06	0.35	0.009	<0.02
458263		300	17.2	97.5	0.005	5.27	3.86	15.5	2	3.3	18.5	1.25	0.25	6.87	0.289	3.55
458264		410	1.1	0.2	<0.002	0.16	0.23	1.2	<1	<0.2	66.2	0.09	<0.05	0.70	0.029	0.02
458265		540	4.4	3.6	0.002	3.07	0.80	1.6	2	0.2	90.4	0.11	0.26	0.77	0.031	0.12
458266		50	1.3	6.2	<0.002	0.08	0.07	0.2	<1	0.2	148.5	0.12	<0.05	0.05	0.010	0.33
458267		370	24.9	102.0	0.013	8.04	6.12	17.7	3	4.0	26.4	0.80	0.56	5.70	0.261	3.57
458268		380	27.8	79.1	0.016	8.10	6.80	18.4	4	3.4	46.3	0.63	0.48	4.45	0.269	3.61
458269		1860	5.0	30.3	<0.002	0.04	0.34	19.5	<1	1.2	472	1.53	0.08	2.69	1.025	0.07
458270		290	20.6	102.5	0.018	7.56	6.28	16.1	6	2.7	30.9	0.76	0.20	6.57	0.249	4.65
458271		330	34.4	88.5	0.026	9.94	11.15	13.0	6	1.8	38.4	0.33	0.58	5.19	0.185	4.47
458272		220	30.1	95.4	0.013	8.59	8.80	18.2	5	1.9	35.2	0.34	0.53	4.78	0.254	4.80
458273		230	43.5	91.4	0.018	8.68	11.00	14.6	4	1.9	47.1	0.47	0.62	5.51	0.236	5.10
458274		240	29.9	92.6	0.013	7.56	7.59	15.9	4	2.1	58.7	0.58	0.35	5.49	0.260	4.55
458275		490	30.0	98.4	0.012	6.69	7.75	24.1	2	2.7	36.9	1.14	0.22	5.23	0.474	4.91
458276		30	1.2	1.2	<0.002	0.04	0.11	0.2	<1	<0.2	187.5	<0.05	<0.05	0.07	0.005	0.09
458277		400	33.2	95.2	0.017	7.88	9.06	23.1	2	2.7	52.9	0.97	0.28	4.67	0.428	4.51
458278		300	64.4	65.0	0.020	>10.0	17.40	9.9	4	2.4	32.9	0.91	0.86	5.79	0.183	3.59
458279		1110	9.8	38.4	<0.002	0.10	0.80	19.3	<1	1.0	274	0.94	0.25	2.36	0.677	0.22
458280		250	89.4	54.9	0.029	>10.0	24.2	8.5	7	3.8	33.4	0.66	1.73	5.01	0.138	3.24

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Projet: Kan

CERTIFICAT D'ANALYSE VO18154544

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458261		0.3	17	<0.1	5.2	25	6.1
458262		0.2	18	0.2	5.5	16	11.1
458263		10.1	131	1.7	18.1	661	256
458264		0.4	26	0.2	6.0	15	14.1
458265		0.9	32	0.4	6.1	39	17.0
458266		0.3	3	0.1	1.0	12	11.5
458267		12.5	162	2.1	15.7	211	205
458268		11.9	160	1.6	12.3	593	155.5
458269		0.6	145	3.1	20.4	110	137.0
458270		16.5	252	1.6	13.7	784	173.0
458271		16.5	256	1.4	9.8	1240	109.0
458272		11.5	175	1.4	9.9	1050	134.5
458273		13.8	205	1.3	10.7	671	142.0
458274		11.6	166	1.3	11.6	633	148.5
458275		18.5	191	1.4	14.8	825	183.5
458276		0.3	3	0.2	0.6	22	1.8
458277		17.5	192	1.4	13.1	845	161.0
458278		13.5	176	1.0	13.4	712	153.5
458279		0.6	145	9.3	14.3	88	97.3
458280		10.8	169	1.0	10.9	898	99.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 22- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154544

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
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Finalisée date: 21- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18154559

Projet: Kan

Bon de commande #: KANDH18- 005

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154559

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
458281		3.74	0.086	1.32	4.64	126.5	130	1.55	0.57	0.77	3.23	44.2	59.4	80	2.01	199.0
458282		1.63	0.002	0.01	0.21	57.2	10	0.50	0.02	1.62	0.02	16.75	4.0	9	<0.05	10.1
458283		2.50	0.004	0.05	0.30	1.7	<10	0.64	0.02	6.18	0.02	12.10	5.7	10	0.06	1.8
458284		2.52	0.003	<0.01	0.29	2.2	10	0.51	0.02	9.96	0.03	11.15	5.0	9	0.37	1.8
458285		2.58	0.004	0.01	0.19	1.2	10	0.39	0.01	4.25	0.04	8.76	4.4	6	0.52	0.8
458286		2.65	0.004	0.02	0.22	1.9	10	0.45	0.04	6.66	0.02	8.63	7.0	7	0.94	2.7
458287		1.99	0.012	<0.01	0.12	0.9	10	0.49	0.02	1.17	0.05	7.41	6.1	6	2.28	0.9
458288		2.63	0.124	<0.01	0.21	0.7	10	0.26	0.01	0.90	0.09	2.79	3.6	5	5.01	2.2
458289		0.09	0.670	0.17	7.28	17.7	330	1.38	0.13	4.33	0.17	47.1	43.9	177	1.85	51.4
458290		2.62	0.048	0.10	0.04	0.3	<10	0.64	0.01	1.89	0.03	5.21	2.9	3	0.75	0.7
458291		2.73	0.001	<0.01	0.02	0.4	<10	0.56	0.01	1.69	0.02	6.48	3.7	3	0.32	0.5
458292		2.58	<0.001	<0.01	0.03	0.5	<10	0.45	0.01	1.82	0.05	5.23	3.6	3	0.53	0.4
458293		2.67	0.010	<0.01	0.15	0.6	10	0.34	0.02	1.22	0.04	7.38	3.7	8	0.45	2.3
458294		2.61	<0.001	0.01	0.12	0.4	10	0.31	0.01	1.13	0.05	6.19	3.3	6	0.43	1.3
458295		2.16	<0.001	<0.01	0.03	0.5	<10	0.11	0.01	0.59	0.06	2.33	1.5	21	0.57	0.5
458296		0.17	0.035	<0.01	0.07	1.0	90	<0.05	0.02	18.25	0.07	1.42	0.7	2	0.42	0.6
458297		3.03	0.102	<0.01	0.16	0.5	10	0.22	0.01	1.09	0.11	4.87	3.1	5	1.55	1.6
458298		2.84	1.550	0.03	0.31	0.4	20	0.21	0.01	1.61	0.22	6.96	4.9	2	1.89	7.7
458299		0.08	2.49	0.49	7.01	11.0	330	0.81	0.16	4.94	0.07	46.7	56.6	330	0.71	84.6
458300		2.80	0.008	<0.01	0.12	1.0	10	0.23	0.01	1.11	0.10	8.58	4.2	1	0.92	0.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154559

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
458281		23.5	15.65	0.20	2.1	0.615	0.176	1.93	23.5	28.6	1.04	747	13.85	0.06	5.9	94.2
458282		22.1	1.01	0.13	0.1	0.022	0.009	0.02	8.4	2.0	2.60	11050	0.43	<0.01	1.9	5.3
458283		20.9	1.11	0.10	0.2	0.009	0.005	0.01	6.7	3.7	3.87	9950	0.48	<0.01	2.6	3.8
458284		19.70	1.26	0.09	0.2	0.010	<0.005	0.02	6.5	1.9	5.00	8720	0.39	0.01	2.0	2.9
458285		21.3	0.86	0.08	0.1	<0.005	<0.005	0.02	4.8	1.2	3.46	9860	0.37	0.01	1.6	2.6
458286		20.3	0.99	0.09	0.1	0.009	<0.005	0.02	5.0	1.1	4.02	8780	0.58	0.01	1.6	3.7
458287		27.6	0.77	0.11	0.1	<0.005	0.006	0.04	4.4	0.6	3.57	10350	0.38	0.01	1.7	3.8
458288		21.8	0.90	0.09	<0.1	<0.005	<0.005	0.08	1.8	0.6	3.01	5510	0.08	0.03	0.4	1.8
458289		7.19	19.20	0.11	3.7	0.025	0.067	0.87	20.7	14.3	2.83	894	1.64	1.69	18.9	141.5
458290		25.7	0.40	0.10	<0.1	0.009	<0.005	0.01	3.4	0.4	3.63	7220	0.07	0.01	0.5	1.2
458291		28.0	0.33	0.12	<0.1	<0.005	<0.005	0.01	4.5	0.5	4.19	5450	<0.05	<0.01	0.5	1.1
458292		29.8	0.33	0.11	<0.1	<0.005	<0.005	0.01	3.6	0.5	4.38	5360	<0.05	<0.01	0.4	0.7
458293		25.7	0.69	0.10	0.1	<0.005	<0.005	0.06	4.9	1.0	3.71	4760	0.07	0.01	0.6	1.5
458294		25.3	0.53	0.09	0.1	0.006	<0.005	0.04	4.1	0.7	3.68	5050	0.08	0.01	0.6	1.3
458295		12.10	0.23	0.05	<0.1	0.007	<0.005	0.01	1.5	0.4	1.76	2630	0.09	0.01	0.1	0.8
458296		0.29	0.25	<0.05	0.1	<0.005	<0.005	0.03	0.7	12.0	13.10	264	0.07	0.04	0.2	0.2
458297		23.5	0.66	0.10	<0.1	0.006	<0.005	0.04	3.2	1.3	3.41	5070	<0.05	0.01	0.3	0.6
458298		28.7	0.97	<0.05	<0.1	0.015	0.006	0.09	4.8	1.7	4.18	6390	0.08	<0.01	0.6	1.7
458299		7.67	17.90	0.07	3.2	0.044	0.063	1.01	23.3	5.1	5.66	1080	3.01	2.05	30.6	365
458300		30.5	0.69	0.13	<0.1	<0.005	<0.005	0.03	5.8	1.7	4.43	4260	0.05	<0.01	0.7	0.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154559

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
458281		270	95.9	50.4	0.014	>10.0	23.1	9.4	9	5.3	36.6	0.39	2.53	3.67	0.144	2.53
458282		890	<0.5	0.5	<0.002	0.60	0.26	0.7	1	<0.2	22.1	0.08	0.09	0.36	0.018	0.03
458283		620	0.8	0.2	<0.002	0.05	0.17	0.7	<1	<0.2	40.2	0.11	<0.05	0.50	0.025	<0.02
458284		600	1.4	0.8	<0.002	0.15	0.19	0.6	1	<0.2	64.0	0.08	<0.05	0.48	0.022	0.02
458285		530	0.6	0.7	<0.002	0.08	0.18	0.4	<1	<0.2	31.5	0.07	<0.05	0.30	0.017	<0.02
458286		500	1.1	0.8	<0.002	0.50	0.12	0.5	1	<0.2	46.2	0.06	0.07	0.34	0.019	<0.02
458287		390	<0.5	1.7	<0.002	0.14	0.11	0.4	<1	<0.2	16.8	0.07	<0.05	0.28	0.018	<0.02
458288		110	<0.5	3.6	<0.002	0.38	0.09	0.1	1	<0.2	18.8	<0.05	<0.05	0.05	<0.005	<0.02
458289		1150	13.3	38.6	<0.002	0.02	0.98	19.1	1	1.6	347	1.23	<0.05	4.88	0.903	0.18
458290		150	<0.5	0.6	<0.002	0.11	0.06	0.1	<1	<0.2	30.6	<0.05	<0.05	0.04	<0.005	<0.02
458291		100	<0.5	0.3	<0.002	0.03	0.10	0.1	1	<0.2	25.5	<0.05	<0.05	0.05	<0.005	<0.02
458292		210	<0.5	0.4	<0.002	0.03	0.05	0.1	1	<0.2	31.9	<0.05	<0.05	0.04	<0.005	<0.02
458293		160	0.6	3.2	<0.002	0.09	0.10	0.3	1	<0.2	20.8	<0.05	<0.05	0.34	0.008	0.02
458294		160	<0.5	2.2	<0.002	0.02	0.09	0.2	<1	<0.2	18.2	<0.05	<0.05	0.25	0.008	<0.02
458295		70	<0.5	0.5	<0.002	0.09	0.09	0.1	<1	<0.2	14.3	<0.05	<0.05	0.03	<0.005	<0.02
458296		20	1.2	1.4	<0.002	<0.01	0.12	0.2	1	<0.2	131.5	<0.05	<0.05	0.13	0.006	0.06
458297		90	<0.5	1.7	<0.002	0.24	0.08	0.1	1	<0.2	31.3	<0.05	<0.05	0.05	<0.005	0.02
458298		70	1.4	3.9	<0.002	0.72	0.10	0.2	1	<0.2	57.2	<0.05	<0.05	0.08	<0.005	0.09
458299		1890	5.2	32.9	<0.002	0.04	0.35	24.0	<1	1.2	491	1.63	0.09	2.53	1.090	0.06
458300		60	<0.5	1.4	<0.002	0.08	0.06	0.1	1	<0.2	25.0	<0.05	<0.05	0.06	<0.005	0.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154559

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458281		6.1	119	1.1	8.9	1040	84.9
458282		0.2	14	0.1	5.0	13	5.7
458283		0.9	18	0.2	6.2	9	7.7
458284		1.6	15	0.3	7.0	12	8.4
458285		0.5	11	0.2	5.1	9	5.0
458286		0.9	14	0.2	5.5	10	6.2
458287		0.4	9	0.2	4.2	18	5.3
458288		<0.1	12	0.3	3.0	25	1.9
458289		1.1	146	2.1	19.6	127	145.5
458290		<0.1	5	0.2	5.1	11	2.2
458291		<0.1	7	0.2	5.6	9	1.9
458292		<0.1	6	0.2	4.6	13	1.5
458293		0.1	7	0.2	4.3	15	3.9
458294		0.1	6	0.2	3.6	13	3.5
458295		<0.1	3	0.1	2.0	12	1.1
458296		0.2	2	0.2	1.0	13	1.9
458297		<0.1	7	0.2	3.8	26	2.1
458298		0.1	15	0.1	5.4	39	3.0
458299		0.6	151	3.1	23.0	108	147.5
458300		0.1	13	0.1	4.1	27	3.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154559

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 20- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18154562

Projet: Kan

Bon de commande #: KANDH18- 006

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154562

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
458301		2.95	0.146	0.03	0.39	15.6	40	0.40	0.01	3.49	0.29	9.27	3.3	2	2.72	5.1
458302		2.76	0.207	0.01	0.14	2.2	20	0.26	0.01	1.71	0.16	9.94	3.8	1	0.99	2.0
458303		2.57	0.007	0.02	0.37	1.6	10	0.36	0.01	1.25	0.05	9.83	4.9	15	0.84	4.5
458304		2.05	0.003	0.04	1.09	12.9	20	0.70	0.04	1.36	0.08	20.4	10.0	29	3.61	11.3
458305		5.21	0.004	0.31	6.76	4.8	280	3.44	0.13	0.28	0.18	57.6	21.4	92	14.35	27.6
458306		4.62	0.006	0.37	7.72	7.1	320	2.68	0.16	0.26	0.29	67.3	21.8	98	10.50	52.6
458307		4.13	0.002	0.42	7.89	2.9	320	2.04	0.19	0.23	2.10	46.2	18.6	81	7.37	102.5
458308		4.49	0.003	0.41	8.19	11.3	330	2.06	0.19	0.25	1.36	50.2	19.8	80	7.63	95.1
458309		0.07	7.68	1.36	6.13	35.0	310	1.02	0.49	2.96	0.07	30.4	42.2	322	0.67	115.5
458310		4.35	0.031	0.38	8.17	11.1	340	1.98	0.18	0.19	1.17	47.6	19.4	83	7.97	92.0
458311		4.75	0.010	0.37	8.29	5.4	340	2.04	0.19	0.24	1.20	53.3	15.4	84	8.13	76.7
458312		4.84	0.006	0.39	8.24	4.5	350	2.18	0.20	0.23	1.78	41.2	18.4	83	7.72	90.0
458313		4.10	0.002	0.27	8.28	7.5	380	2.87	0.20	0.13	1.64	66.8	20.7	99	11.20	58.9
458314		5.15	0.011	0.31	7.12	21.9	290	4.27	0.14	0.26	0.30	62.9	21.8	96	15.90	31.5
458315		3.91	0.003	0.01	0.06	1.2	70	0.06	0.02	20.1	0.04	1.29	0.5	2	0.46	2.9
458316		0.11	0.002	0.05	0.66	2.1	20	0.69	0.05	1.24	0.35	15.55	7.7	19	3.35	7.6
458317		3.93	0.007	0.29	7.23	23.1	300	6.55	0.19	0.21	0.18	63.6	23.2	94	18.20	24.3
458318		2.49	0.004	0.22	5.87	0.6	120	2.70	0.13	0.86	0.30	48.2	22.4	73	17.85	31.5
458319		0.08	0.674	0.22	7.42	19.6	330	1.57	0.17	4.54	0.18	53.2	44.6	188	2.02	58.7
458320		2.20	0.023	0.18	6.25	1.3	210	3.57	0.10	1.21	0.37	52.4	22.7	81	22.1	30.1

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CERTIFICAT D'ANALYSE VO18154562

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
458301		27.3	1.26	<0.05	0.3	0.005	0.008	0.19	5.7	3.8	4.56	7630	0.05	0.01	1.6	1.6
458302		30.4	0.58	<0.05	0.1	0.009	0.006	0.06	7.2	1.4	4.68	6770	0.13	<0.01	0.7	1.5
458303		20.6	1.37	<0.05	0.3	<0.005	0.010	0.05	5.7	1.7	2.78	10300	0.20	<0.01	2.5	6.1
458304		26.1	3.74	<0.05	0.7	<0.005	0.022	0.34	10.5	4.7	3.27	14250	0.47	0.01	6.0	13.6
458305		11.30	18.40	0.08	1.8	0.005	0.057	4.44	29.2	42.4	1.47	734	1.47	0.04	15.5	54.1
458306		9.84	20.0	0.09	2.2	0.013	0.062	4.91	35.2	46.4	1.26	538	2.24	0.05	16.7	59.3
458307		9.55	19.50	0.08	1.8	0.028	0.050	4.83	24.6	42.5	1.16	588	4.89	0.05	6.9	51.4
458308		8.56	20.2	0.08	2.0	0.031	0.050	4.91	27.3	43.8	1.10	393	4.79	0.05	7.4	55.4
458309		5.56	14.40	0.06	2.2	0.168	0.048	1.06	16.1	14.6	4.00	750	5.90	1.20	16.8	250
458310		8.21	20.3	0.08	2.1	0.036	0.052	4.62	25.5	41.9	1.03	277	3.73	0.05	7.5	53.4
458311		7.75	20.2	0.09	2.1	0.032	0.057	4.87	29.0	45.3	1.11	362	3.80	0.05	7.4	51.3
458312		8.40	19.95	0.08	1.9	0.030	0.054	4.65	21.6	45.8	1.05	473	4.31	0.05	7.2	53.5
458313		7.99	20.6	0.09	2.0	0.012	0.057	4.91	36.7	56.7	1.17	372	1.68	0.05	11.5	50.7
458314		10.60	19.60	0.09	2.0	<0.005	0.063	4.65	32.5	61.9	1.48	350	1.41	0.04	17.3	56.4
458315		0.18	0.21	0.11	<0.1	<0.005	<0.005	0.04	0.8	7.3	13.40	428	0.08	0.01	0.2	0.7
458316		18.70	2.90	0.09	0.4	<0.005	0.015	0.48	8.4	8.7	2.14	11050	0.65	<0.01	3.9	10.5
458317		10.15	25.5	0.12	2.0	0.005	0.062	4.81	32.8	68.9	1.54	477	2.88	0.04	14.8	58.1
458318		15.85	22.4	0.12	1.7	<0.005	0.036	2.76	24.8	60.7	2.49	1130	1.75	0.02	11.6	40.2
458319		7.46	20.7	0.11	3.9	0.023	0.070	0.90	24.3	15.9	2.97	956	1.90	1.74	20.7	140.5
458320		14.05	20.6	0.11	1.7	<0.005	0.049	3.78	26.8	64.9	2.10	1280	3.09	0.03	13.7	50.9

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CERTIFICAT D'ANALYSE VO18154562

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
458301		90	2.3	8.1	<0.002	0.52	0.16	0.3	1	<0.2	149.5	0.13	0.06	0.35	0.006	0.23
458302		40	0.9	2.3	<0.002	0.16	0.18	0.2	<1	<0.2	47.5	<0.05	<0.05	0.12	<0.005	0.06
458303		330	1.3	2.6	<0.002	0.15	0.10	1.2	1	<0.2	27.6	0.14	<0.05	0.42	0.045	0.07
458304		550	2.1	18.3	<0.002	0.36	0.27	3.3	1	0.3	34.3	0.37	0.10	1.13	0.127	0.27
458305		250	14.5	196.5	0.006	2.72	1.75	12.6	2	1.3	37.0	0.85	0.06	7.22	0.293	1.21
458306		390	19.1	204	0.008	3.05	2.22	13.5	3	1.4	40.2	1.00	0.10	9.11	0.350	1.15
458307		160	15.0	171.5	0.011	3.20	1.91	10.8	4	1.2	31.7	0.52	0.16	8.17	0.259	1.06
458308		160	14.6	180.0	0.012	3.12	1.92	11.9	4	1.4	36.6	0.55	0.14	9.23	0.265	1.01
458309		1100	9.9	39.4	<0.002	0.08	0.78	21.7	1	0.9	278	0.86	0.24	2.29	0.676	0.20
458310		150	14.2	161.5	0.013	3.11	1.87	12.4	4	1.4	33.3	0.55	0.12	9.06	0.274	1.02
458311		150	13.7	168.5	0.013	2.73	1.88	12.0	3	1.4	36.3	0.55	0.11	9.53	0.277	1.03
458312		220	13.8	149.5	0.012	2.89	1.77	11.2	3	1.3	31.0	0.53	0.14	8.00	0.272	1.05
458313		190	13.7	191.0	0.006	1.99	1.51	13.0	3	1.4	27.6	0.74	0.10	9.62	0.310	1.15
458314		260	18.2	200	0.007	2.62	1.73	13.3	2	1.4	37.2	0.93	0.09	8.00	0.327	1.20
458315		10	2.6	1.8	<0.002	0.01	0.16	0.2	1	<0.2	200	<0.05	<0.05	0.13	<0.005	0.07
458316		410	2.5	27.6	<0.002	0.53	0.27	2.0	1	0.2	60.4	0.20	<0.05	0.99	0.058	0.24
458317		240	16.5	218	0.007	2.07	1.80	14.0	2	1.6	30.3	0.87	0.10	9.22	0.292	1.53
458318		180	12.7	157.0	0.004	2.63	1.06	12.0	2	0.9	71.8	0.70	0.08	7.17	0.224	1.35
458319		1160	14.5	42.4	<0.002	0.02	1.06	21.9	1	1.7	358	1.24	<0.05	6.04	0.929	0.21
458320		210	9.2	198.5	0.008	2.17	0.93	12.2	2	1.2	110.5	0.73	0.09	7.83	0.249	1.66

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CERTIFICAT D'ANALYSE VO18154562

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458301		0.1	15	0.2	11.2	42	13.5
458302		0.1	12	0.1	5.6	34	5.4
458303		0.3	27	0.2	4.3	16	11.8
458304		0.8	64	0.3	6.5	20	33.0
458305		5.2	217	1.6	7.5	127	77.3
458306		5.7	232	1.6	8.9	195	89.4
458307		2.9	190	1.3	5.5	307	68.1
458308		3.6	218	1.2	6.5	243	75.8
458309		0.6	143	8.5	15.0	84	99.5
458310		3.9	232	1.1	6.3	216	79.8
458311		3.8	236	1.1	6.3	224	79.4
458312		3.3	224	1.2	5.3	282	73.4
458313		4.2	201	1.8	6.7	192	77.7
458314		5.6	232	1.8	7.5	154	84.6
458315		0.3	2	0.2	0.5	12	1.0
458316		0.6	41	0.2	5.2	27	17.3
458317		5.8	223	2.6	8.5	98	69.6
458318		4.3	178	0.6	6.6	143	57.8
458319		1.1	148	2.1	21.5	134	143.0
458320		4.1	189	1.3	7.2	109	60.8

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CERTIFICAT D'ANALYSE VO18154562

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18154564

Projet: Kan

Bon de commande #: KANDH18-007

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-JUIN-2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL-LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

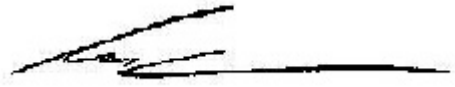
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
458321		4.64	0.014	0.20	6.73	4.1	300	4.12	0.20	0.31	0.11	58.1	25.3	95	22.6	28.3
458322		4.74	0.009	0.17	6.82	0.7	330	3.68	0.14	0.28	0.14	54.7	20.9	96	24.1	22.9
458323		4.96	0.012	0.21	6.66	1.2	330	3.45	0.16	0.20	0.10	41.2	22.5	97	24.2	25.2
458324		5.01	0.015	0.32	7.26	0.7	360	4.06	0.19	0.12	0.09	56.1	22.5	101	20.2	29.3
458325		3.93	0.016	0.37	7.19	0.7	330	4.49	0.18	0.40	0.18	76.7	23.6	98	20.7	36.6
458326		3.58	0.003	0.02	0.10	1.2	10	0.34	0.02	0.98	0.19	13.10	3.1	19	0.44	2.2
458327		2.75	0.001	0.01	0.03	0.8	10	0.41	0.02	0.80	0.06	6.88	2.6	5	0.16	0.8
458328		2.75	0.002	<0.01	0.04	<0.2	10	0.47	0.02	1.04	0.02	6.40	2.8	1	0.68	0.7
458329		0.06	2.51	0.45	6.85	11.2	320	1.10	0.19	4.84	0.07	45.5	52.4	300	0.68	84.1
458330		2.63	<0.001	<0.01	0.03	0.5	<10	0.56	0.01	0.91	0.02	6.88	2.4	4	0.70	0.6
458331		2.81	<0.001	<0.01	0.02	0.2	<10	0.42	0.01	0.81	<0.02	6.98	2.4	6	0.57	0.4
458332		2.74	0.038	0.12	0.03	0.2	10	0.70	0.02	0.98	0.03	5.99	4.5	4	0.45	4.6
458333		2.29	<0.001	0.01	0.02	<0.2	<10	0.66	0.01	0.86	0.03	3.51	2.2	9	0.30	0.4
458334		2.95	<0.001	<0.01	0.02	0.3	<10	0.73	0.01	0.94	<0.02	5.66	2.4	6	0.61	0.4
458335		2.43	<0.001	<0.01	0.02	0.3	<10	0.42	0.01	0.75	<0.02	4.43	1.9	21	0.74	0.6
458336		0.12	<0.001	<0.01	0.05	0.3	40	0.07	0.01	21.1	0.03	2.30	0.6	1	0.37	0.8
458337		2.70	0.001	<0.01	0.02	1.0	<10	0.51	0.01	1.28	<0.02	6.49	2.6	3	0.66	0.6
458338		2.71	1.400	0.23	0.33	0.5	10	0.30	0.01	1.73	0.20	7.94	4.2	6	4.64	10.5
458339		0.07	7.56	1.31	6.08	32.8	310	0.82	0.55	2.97	0.07	31.7	42.1	314	0.66	112.5
458340		2.36	0.079	0.17	0.85	1.3	20	0.30	0.08	3.28	0.85	18.30	9.7	16	3.44	46.3

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Projet: Kan

CERTIFICAT D'ANALYSE VO18154564

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
458321		12.20	20.2	0.11	2.0	<0.005	0.052	4.55	29.9	61.8	1.61	823	0.80	0.04	14.9	72.9
458322		11.70	20.8	0.12	2.0	<0.005	0.058	4.78	27.2	63.0	1.55	915	0.77	0.04	15.2	50.3
458323		11.35	20.6	0.11	2.0	<0.005	0.059	4.73	18.8	60.1	1.44	627	0.73	0.03	15.3	54.1
458324		9.80	22.2	0.11	2.3	0.005	0.062	4.90	27.7	58.8	1.28	231	0.93	0.04	16.6	56.3
458325		10.75	22.1	0.13	2.6	0.013	0.057	4.83	38.1	60.9	1.55	259	1.94	0.04	21.8	61.2
458326		25.5	0.59	0.08	0.1	0.006	<0.005	0.05	7.0	1.1	2.52	7320	0.13	0.01	0.9	2.4
458327		27.6	0.31	0.06	<0.1	0.005	<0.005	0.02	3.8	0.5	2.62	7360	0.09	<0.01	0.5	1.3
458328		35.4	0.34	0.08	<0.1	<0.005	<0.005	0.02	3.7	0.5	3.63	8440	0.08	0.01	0.8	1.1
458329		7.51	19.00	0.08	3.4	0.063	0.062	0.99	22.6	8.3	5.55	1060	3.09	2.00	29.0	356
458330		25.2	0.28	0.07	<0.1	<0.005	<0.005	0.01	3.9	0.3	2.85	5650	0.10	0.01	0.5	1.3
458331		20.5	0.25	0.06	<0.1	<0.005	<0.005	0.01	3.9	0.4	2.48	4560	0.08	0.01	0.5	1.1
458332		31.5	0.31	0.08	<0.1	0.010	0.006	0.01	3.3	0.5	3.52	7140	0.24	<0.01	0.7	5.2
458333		22.8	0.26	<0.05	<0.1	0.005	<0.005	0.01	1.9	0.5	2.65	5110	0.08	<0.01	0.6	1.0
458334		24.3	0.28	0.06	<0.1	<0.005	<0.005	0.01	3.3	0.3	2.78	5480	0.10	0.01	0.5	1.1
458335		19.20	0.27	0.05	<0.1	<0.005	<0.005	0.01	2.6	0.3	2.20	4240	0.19	0.01	0.5	1.3
458336		0.41	0.26	<0.05	0.1	<0.005	<0.005	0.02	1.0	8.7	13.40	378	0.12	0.03	0.2	0.4
458337		32.0	0.30	0.06	<0.1	0.006	<0.005	0.01	3.7	0.3	3.35	8180	0.09	0.01	0.6	1.4
458338		31.0	1.56	0.07	<0.1	0.024	0.005	0.07	4.6	1.5	3.50	8280	0.12	0.01	1.0	3.3
458339		5.57	16.15	0.06	2.4	0.185	0.046	1.07	15.9	14.7	4.02	756	6.39	1.20	17.6	253
458340		24.6	3.16	0.08	0.3	0.008	0.019	0.31	11.0	6.8	3.32	9840	1.57	0.01	2.7	14.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 20-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154564

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
458321		280	13.1	223	0.004	1.98	1.41	13.7	1	1.4	36.2	0.87	0.09	8.35	0.297	1.98
458322		240	10.5	226	0.003	1.74	1.22	13.8	1	1.4	32.9	0.88	0.06	8.16	0.300	2.17
458323		260	11.6	193.5	0.004	1.91	1.37	12.9	1	1.4	24.2	0.91	0.06	6.54	0.301	2.15
458324		230	22.2	202	0.008	2.46	2.36	14.9	1	1.6	19.2	1.12	0.08	8.94	0.333	1.80
458325		320	24.9	213	0.009	2.91	2.72	14.6	2	1.7	37.4	1.30	0.10	10.60	0.350	1.74
458326		130	0.7	2.9	<0.002	0.19	0.12	0.3	<1	<0.2	28.9	<0.05	<0.05	0.13	<0.005	0.05
458327		160	<0.5	0.8	<0.002	0.08	0.07	0.1	<1	<0.2	14.8	<0.05	<0.05	0.07	<0.005	0.02
458328		100	<0.5	1.4	<0.002	0.03	0.06	0.2	<1	<0.2	21.8	<0.05	<0.05	0.08	<0.005	<0.02
458329		1880	4.9	32.4	<0.002	0.03	0.37	21.9	<1	1.3	481	1.67	0.07	3.26	1.065	0.07
458330		200	<0.5	1.0	<0.002	0.02	0.05	0.2	<1	<0.2	21.3	<0.05	<0.05	0.05	<0.005	<0.02
458331		180	<0.5	0.9	<0.002	0.01	0.05	0.1	<1	<0.2	14.4	<0.05	<0.05	0.05	<0.005	<0.02
458332		80	<0.5	0.9	<0.002	0.38	0.10	0.2	<1	<0.2	14.2	<0.05	<0.05	0.06	<0.005	<0.02
458333		30	<0.5	0.8	<0.002	0.02	0.05	0.1	<1	<0.2	10.8	<0.05	<0.05	0.05	<0.005	<0.02
458334		220	<0.5	0.8	<0.002	0.01	0.06	0.2	1	<0.2	9.7	<0.05	<0.05	0.05	<0.005	<0.02
458335		110	<0.5	0.9	<0.002	0.01	0.07	0.1	<1	<0.2	7.8	<0.05	<0.05	0.05	<0.005	<0.02
458336		20	0.7	0.9	<0.002	<0.01	0.07	0.1	1	<0.2	152.0	<0.05	<0.05	0.11	<0.005	0.06
458337		140	<0.5	0.8	<0.002	0.03	0.12	0.2	<1	<0.2	18.4	<0.05	<0.05	0.05	<0.005	<0.02
458338		190	0.7	5.8	<0.002	0.75	0.08	0.6	1	<0.2	61.6	<0.05	<0.05	0.09	<0.005	0.03
458339		1090	9.7	38.4	<0.002	0.08	0.87	21.6	<1	1.0	278	0.96	0.23	2.76	0.679	0.20
458340		630	4.9	21.0	0.003	1.50	0.22	1.9	1	<0.2	165.0	0.17	0.11	0.76	0.049	0.25

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Projet: Kan

CERTIFICAT D'ANALYSE VO18154564

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
458321		3.4	185	1.8	7.9	90	68.0
458322		4.0	187	1.7	7.7	92	69.9
458323		3.9	197	1.7	6.9	97	70.0
458324		5.3	230	2.2	8.0	113	81.3
458325		6.6	267	1.9	11.1	133	94.1
458326		0.1	17	0.2	4.6	10	4.7
458327		0.1	9	0.3	4.7	4	2.8
458328		<0.1	14	0.3	5.6	3	2.0
458329		0.6	147	3.5	21.2	106	132.0
458330		<0.1	14	0.2	6.0	4	3.9
458331		0.1	13	0.3	5.8	4	3.7
458332		0.1	15	0.1	5.7	11	2.6
458333		<0.1	15	0.2	4.4	4	3.4
458334		0.1	14	0.4	6.9	3	3.3
458335		<0.1	14	0.1	5.3	3	3.5
458336		0.2	2	0.1	1.9	9	1.9
458337		0.1	15	0.3	7.1	6	2.6
458338		0.1	20	0.1	6.6	31	4.2
458339		0.5	144	9.9	16.4	85	92.5
458340		1.3	40	0.2	8.7	86	13.9

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CERTIFICAT D'ANALYSE VO18154564

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

Applique à la Méthode: ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 22- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18154565

Projet: Kan

Bon de commande #: KANDH18- 008

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18154565

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
458341		5.18	0.004	0.19	7.87	2.0	430	2.93	0.20	0.30	0.19	62.5	18.2	98	20.3	44.8
458342		4.55	0.006	0.37	8.41	1.6	430	1.86	0.21	0.12	2.23	60.0	17.0	82	11.70	63.8
458343		4.60	0.005	0.29	8.33	3.8	480	1.71	0.21	0.23	1.14	55.2	16.6	85	14.75	50.7
458344		2.84	<0.001	0.16	6.71	39.9	210	0.49	0.01	3.98	0.23	10.80	42.5	134	11.30	105.0
458345		4.59	<0.001	0.23	5.70	34.6	40	0.24	0.01	5.60	0.21	7.09	39.7	101	5.26	149.0
458346		5.18	0.001	0.32	6.00	47.4	110	0.41	0.01	4.98	0.23	10.10	42.9	104	2.93	158.5
458347		4.13	0.010	0.35	8.51	9.2	540	2.18	0.22	0.25	2.30	65.5	14.4	86	7.53	77.8
458348		3.55	0.006	0.26	8.27	1.3	520	1.72	0.15	0.19	1.76	59.1	12.8	86	6.16	56.3
458349		0.06	0.666	0.21	6.95	20.2	340	1.21	0.13	4.28	0.19	50.4	41.6	178	1.80	52.4
458350		2.60	0.007	0.21	7.51	1.6	410	1.77	0.17	0.41	0.90	51.3	14.2	78	5.27	73.5
458351		2.53	0.002	0.44	6.62	72.1	180	0.69	0.03	5.02	0.41	10.65	49.5	128	1.82	135.5
458352		4.52	0.005	0.25	8.19	9.7	380	2.06	0.17	0.46	0.50	55.2	15.1	84	5.46	61.6
458353		4.14	0.006	0.20	8.50	33.9	390	2.70	0.18	0.27	2.53	64.8	14.4	89	6.16	61.2
458354		4.34	<0.001	0.06	8.79	6.8	410	2.50	0.09	0.13	0.10	65.4	11.3	89	5.78	30.0
458355		4.44	<0.001	0.05	8.55	3.8	390	2.22	0.23	0.11	0.04	61.8	10.9	78	4.52	45.1
458356		0.24	0.002	0.02	0.16	0.9	90	0.08	0.04	18.85	0.05	1.74	0.6	3	0.49	2.8
458357		4.57	<0.001	0.02	8.95	11.0	450	1.90	0.08	0.11	0.02	63.0	10.4	86	5.33	15.5
458358		4.72	<0.001	0.03	8.53	10.8	420	2.25	0.16	0.18	0.03	63.9	10.6	85	5.01	18.9
458359		0.09	2.49	0.44	6.72	12.1	330	1.14	0.16	4.78	0.08	42.8	51.7	304	0.64	83.9
458360		3.33	0.002	0.02	9.51	11.9	480	2.28	0.16	0.07	0.02	71.0	12.3	87	5.30	26.5

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CERTIFICAT D'ANALYSE VO18154565

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
458341		8.46	21.7	0.11	2.1	0.013	0.054	4.65	33.2	48.6	1.30	738	2.92	0.04	10.0	45.4
458342		7.39	22.5	0.12	2.4	0.028	0.054	5.09	31.4	45.2	1.04	291	4.32	0.04	7.6	50.6
458343		7.11	22.2	0.11	2.3	0.009	0.052	4.95	30.2	43.3	1.28	320	5.65	0.04	7.1	53.7
458344		9.59	16.70	0.07	1.2	0.011	0.069	2.27	4.3	44.0	4.66	1080	0.35	0.21	2.5	82.2
458345		8.22	13.60	0.06	0.8	<0.005	0.060	0.75	2.6	38.1	5.32	867	0.20	0.94	1.2	97.4
458346		8.23	15.00	0.05	1.2	0.007	0.067	1.19	4.2	39.8	4.80	1060	0.53	0.57	2.2	110.5
458347		5.96	23.1	0.09	2.1	0.025	0.051	4.65	34.1	43.1	1.13	207	5.89	0.05	7.3	56.8
458348		5.99	20.5	0.09	2.0	0.018	0.049	4.29	31.0	29.9	1.18	191	4.40	0.05	6.6	45.5
458349		7.07	18.35	0.06	3.5	0.018	0.065	0.85	21.6	10.2	2.80	914	1.73	1.66	19.3	134.0
458350		6.04	19.75	0.08	1.8	0.015	0.047	3.74	26.9	32.3	1.21	253	4.28	0.05	6.5	41.8
458351		8.73	16.15	0.05	1.3	<0.005	0.074	1.89	4.5	35.6	4.09	1190	0.45	0.59	2.9	124.0
458352		7.27	21.9	0.08	2.2	0.013	0.057	4.03	28.5	36.9	1.26	411	3.52	0.06	7.4	43.1
458353		6.23	22.5	0.09	2.0	0.016	0.053	4.27	32.8	45.3	1.39	262	3.48	0.06	7.3	45.4
458354		5.77	23.3	0.09	2.1	0.006	0.057	3.96	34.0	39.8	1.00	161	0.42	0.61	7.0	32.3
458355		7.48	21.7	0.09	2.2	<0.005	0.052	3.46	33.6	42.6	1.22	278	0.26	0.46	7.3	27.6
458356		0.19	0.47	0.11	0.1	<0.005	<0.005	0.07	1.0	9.8	13.00	364	0.14	0.04	0.2	1.2
458357		5.37	23.6	0.09	2.4	<0.005	0.053	4.19	32.1	33.5	1.13	245	0.18	0.35	7.5	30.3
458358		5.23	22.6	0.10	2.4	<0.005	0.057	4.22	33.2	34.7	1.16	382	0.46	0.12	7.7	28.6
458359		7.41	17.80	0.06	3.2	0.065	0.058	0.98	21.5	7.9	5.51	1060	2.95	1.97	28.8	340
458360		5.13	24.9	0.09	2.7	0.005	0.055	4.67	37.1	40.2	1.30	287	0.33	0.08	8.5	30.8

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QUEBEC QC G1K 7R1

Finalisée date: 22- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154565

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
458341		350	10.3	196.0	0.009	1.51	1.19	12.0	2	1.6	30.7	0.75	0.13	9.25	0.297	1.72
458342		270	16.9	181.5	0.011	2.73	2.30	11.4	3	1.6	21.7	0.61	0.07	10.50	0.266	1.29
458343		150	16.9	184.0	0.014	2.07	2.52	11.5	1	1.5	28.2	0.57	0.10	10.30	0.270	1.50
458344		370	5.9	104.5	<0.002	0.13	0.29	40.8	1	0.5	175.0	0.15	<0.05	0.59	0.514	1.07
458345		290	19.2	41.3	<0.002	0.12	0.26	33.3	1	0.3	228	0.07	<0.05	0.17	0.314	0.45
458346		320	9.1	44.1	0.003	0.10	0.31	34.6	<1	0.4	233	0.14	<0.05	0.65	0.425	0.38
458347		210	16.6	164.5	0.012	1.97	3.38	11.1	3	1.6	36.8	0.62	0.10	11.65	0.245	1.05
458348		190	11.1	144.5	0.014	1.51	2.18	10.3	2	1.3	26.7	0.55	<0.05	9.71	0.239	0.84
458349		1100	13.8	39.3	<0.002	0.02	0.97	19.9	1	1.5	334	1.11	<0.05	4.55	0.862	0.17
458350		150	9.1	131.5	0.012	1.38	1.85	10.1	2	1.2	34.5	0.51	0.06	8.85	0.228	0.79
458351		330	12.2	63.8	0.002	0.16	0.38	39.6	1	0.6	300	0.19	<0.05	0.73	0.575	0.44
458352		160	10.2	147.0	0.010	1.87	2.34	11.5	3	1.4	49.5	0.60	0.10	9.62	0.253	1.06
458353		180	9.2	153.5	0.010	1.33	2.20	11.3	2	1.5	40.1	0.59	0.09	10.70	0.253	1.03
458354		200	4.0	151.0	<0.002	0.23	0.64	11.8	<1	1.5	34.8	0.58	0.07	11.85	0.255	0.96
458355		200	4.0	133.5	<0.002	0.17	0.69	10.1	<1	1.4	21.9	0.59	0.10	11.60	0.259	0.82
458356		30	4.1	2.6	<0.002	0.01	0.16	0.3	1	<0.2	150.0	<0.05	<0.05	0.26	0.007	0.07
458357		200	3.4	150.5	<0.002	0.07	0.63	11.5	<1	1.5	21.3	0.63	0.06	11.55	0.271	0.94
458358		190	4.3	155.0	<0.002	0.08	0.71	11.0	<1	1.5	22.7	0.62	0.08	12.00	0.274	1.02
458359		1860	4.9	30.4	<0.002	0.03	0.34	21.3	<1	1.2	473	1.57	0.08	2.58	1.035	0.06
458360		190	3.3	167.0	0.002	0.12	0.90	11.7	1	1.6	19.6	0.69	0.07	13.75	0.309	1.17

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 22- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154565

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458341		4.3	166	1.5	9.1	172	76.4
458342		5.1	239	1.2	7.3	264	82.1
458343		5.7	271	1.2	6.8	239	79.2
458344		0.3	346	0.2	5.2	118	42.5
458345		0.1	274	0.1	4.0	86	34.2
458346		0.4	290	0.4	5.3	99	40.4
458347		6.8	287	1.5	7.8	303	69.5
458348		4.6	262	1.1	6.3	281	66.6
458349		1.0	142	1.8	19.4	131	139.5
458350		4.1	234	1.0	6.1	225	65.5
458351		0.4	317	0.4	4.8	154	46.1
458352		4.2	233	1.2	6.4	229	75.0
458353		4.7	244	1.5	6.8	359	68.3
458354		1.4	81	1.6	5.2	109	70.2
458355		1.3	58	1.5	5.1	79	76.8
458356		0.3	3	0.3	0.6	16	2.4
458357		1.3	68	1.5	5.3	77	78.4
458358		1.4	67	1.5	5.7	73	82.3
458359		0.6	146	3.1	20.8	109	137.0
458360		1.8	68	1.5	6.0	80	92.3

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CERTIFICAT D'ANALYSE VO18154565

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 18- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18154566

Projet: Kan

Bon de commande #: KANDH18- 009

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH LEE SCHOLL	SIMON HEBERT LIZ STOCK	SIMON HOULE CORPORATIF WEBTRIEVE

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18154566

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
458361		3.22	0.007	0.08	9.58	10.9	460	2.33	0.21	0.44	1.34	68.1	14.7	91	5.43	49.4
458362		4.26	0.007	0.15	8.63	0.2	390	2.68	0.27	0.38	1.44	60.0	14.1	87	5.05	65.3
458363		3.90	0.002	0.23	4.32	1.2	200	1.61	0.07	5.00	0.27	42.2	7.7	54	2.36	57.6
458364		3.95	0.019	0.94	6.32	13.6	100	2.66	0.31	0.78	2.09	56.3	52.4	88	2.85	177.0
458365		4.49	0.013	0.58	9.69	1.4	320	2.93	0.17	0.47	3.06	70.5	12.2	91	4.16	106.5
458366		3.29	0.019	0.72	6.09	4.2	190	1.74	0.20	0.88	3.87	50.3	19.2	69	2.86	112.0
458367		3.92	0.021	1.34	5.04	0.7	80	1.24	0.45	0.81	2.98	38.0	12.4	78	2.14	262
458368		2.99	0.036	0.08	0.17	5.3	10	0.17	0.04	5.39	0.19	7.92	2.9	17	0.30	21.9
458369		0.07	7.66	1.36	6.22	32.3	320	0.94	0.45	2.96	0.08	28.9	38.0	322	0.66	109.0
458370		2.55	0.021	0.04	0.27	4.9	20	0.27	0.02	4.08	0.14	10.65	3.5	9	0.32	7.7
458371		2.54	0.003	0.01	0.05	7.8	10	0.42	0.01	3.02	0.04	5.73	3.1	3	0.45	1.8
458372		2.81	<0.001	0.06	0.40	0.7	20	0.56	0.02	1.65	0.22	8.72	5.2	8	0.45	10.0
458373		2.70	0.009	0.01	0.11	1.6	10	0.57	0.01	2.47	0.15	6.57	3.4	2	0.38	8.4
458374		2.75	0.084	0.01	0.14	1.5	10	0.26	0.01	1.44	0.09	5.13	3.3	1	0.47	6.9
458375		2.60	0.001	0.01	0.53	8.7	10	0.23	0.01	1.79	0.08	10.45	5.4	17	0.48	3.7
458376		0.27	0.002	0.01	0.09	0.6	160	<0.05	0.02	19.80	0.05	1.38	0.4	2	0.37	1.1
458377		4.69	0.015	0.13	7.76	32.3	350	2.12	0.13	1.81	0.35	48.7	20.3	107	3.68	69.5
458378		4.65	0.017	0.05	9.19	4.3	480	2.40	0.18	0.10	<0.02	64.3	9.8	87	4.51	27.1
458379		4.49	0.002	0.05	9.19	4.8	500	2.57	0.07	0.12	0.02	67.6	10.5	85	4.93	22.5
458380		4.54	0.001	0.04	10.25	2.9	540	2.40	0.10	0.07	<0.02	77.0	10.1	90	6.36	22.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18154566

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
458361		5.23	23.6	0.08	2.4	0.013	0.054	4.79	36.7	36.6	1.22	292	2.33	0.54	7.3	44.5
458362		5.58	20.9	0.10	2.0	0.023	0.048	4.23	32.1	34.1	1.24	438	1.78	0.86	5.2	37.3
458363		10.75	11.20	0.07	1.3	0.021	0.035	1.96	22.7	24.9	3.52	4760	2.67	0.05	5.4	37.2
458364		20.3	16.40	0.09	3.2	0.119	0.101	3.00	31.5	25.5	0.92	712	12.70	0.77	8.3	122.0
458365		12.55	23.7	0.08	4.9	0.087	0.118	4.66	40.8	32.6	0.84	150	12.85	1.03	15.5	74.1
458366		13.55	16.20	0.07	2.1	0.124	0.093	2.98	29.6	20.7	0.79	260	36.0	0.38	5.2	74.1
458367		26.7	13.00	0.09	2.3	0.126	0.077	2.40	20.1	19.7	0.72	469	14.25	0.41	3.0	161.0
458368		18.75	1.05	<0.05	0.1	0.005	0.009	0.06	4.8	2.1	3.96	5570	0.51	0.02	0.9	9.0
458369		5.67	14.95	<0.05	2.6	0.155	0.048	1.07	14.7	14.6	4.15	767	6.00	1.20	15.5	254
458370		21.3	1.29	<0.05	0.2	0.009	0.006	0.08	6.6	3.7	3.78	6840	1.09	0.01	1.0	5.7
458371		24.7	0.24	<0.05	<0.1	<0.005	<0.005	0.01	3.8	0.7	4.04	6320	0.11	<0.01	0.7	1.4
458372		26.1	1.26	<0.05	0.2	<0.005	0.009	0.19	5.3	2.3	3.83	5620	1.02	0.01	1.1	6.7
458373		29.0	0.48	<0.05	0.1	<0.005	0.014	0.04	4.4	1.9	4.80	6360	0.05	<0.01	0.3	2.0
458374		30.6	0.56	0.05	<0.1	<0.005	0.011	0.04	3.4	2.0	4.83	6410	0.06	<0.01	0.3	2.4
458375		21.7	2.15	<0.05	0.4	<0.005	0.009	0.04	5.9	4.6	3.26	10400	0.23	<0.01	3.6	5.5
458376		0.36	0.30	<0.05	0.1	<0.005	<0.005	0.05	0.8	8.9	13.35	409	0.19	0.03	0.3	0.6
458377		8.99	18.40	0.08	2.0	0.008	0.058	3.45	23.8	39.7	2.25	1300	3.08	0.21	7.6	52.0
458378		5.66	21.8	0.09	2.2	<0.005	0.053	3.87	35.0	34.7	1.05	275	0.31	1.12	6.8	27.0
458379		4.31	22.5	0.11	2.6	<0.005	0.051	4.45	37.0	33.3	1.02	262	0.51	0.73	7.5	31.6
458380		4.39	25.2	0.10	2.7	<0.005	0.051	5.31	39.9	41.6	1.07	204	0.54	0.31	8.3	32.1

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CERTIFICAT D'ANALYSE VO18154566

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
458361		220	6.9	164.0	0.005	0.89	1.24	11.4	2	1.8	41.4	0.61	0.13	14.90	0.298	1.41
458362		200	9.8	150.0	0.008	1.80	2.03	11.3	4	1.7	35.9	0.37	0.21	12.60	0.173	1.56
458363		270	20.0	65.0	0.005	3.44	0.96	5.4	2	2.1	245	0.26	0.27	7.02	0.089	0.80
458364		530	36.1	78.5	0.017	>10.0	9.17	14.4	6	3.3	55.0	0.44	0.89	4.57	0.228	1.79
458365		250	23.9	106.0	0.018	7.26	7.02	16.0	3	3.0	37.3	1.03	0.45	6.50	0.394	2.80
458366		330	48.2	78.3	0.037	7.63	6.77	9.6	6	1.8	45.6	0.31	0.44	4.88	0.165	1.78
458367		320	48.3	65.3	0.010	>10.0	8.76	10.6	9	2.0	51.5	0.17	0.89	3.36	0.121	1.46
458368		180	2.8	2.2	0.002	1.21	0.21	0.4	1	0.2	110.0	0.06	0.07	0.18	0.007	0.05
458369		1130	9.8	34.7	<0.002	0.09	0.70	19.3	1	1.1	280	0.94	0.27	2.45	0.682	0.20
458370		340	2.7	2.8	0.003	0.51	0.37	0.6	<1	0.2	82.8	0.05	0.08	0.36	0.011	0.07
458371		180	0.9	0.4	<0.002	0.10	<0.05	0.2	<1	<0.2	41.7	<0.05	<0.05	0.10	0.005	<0.02
458372		120	2.9	5.6	0.003	0.75	0.16	0.7	1	0.3	39.3	0.07	0.07	0.38	0.014	0.12
458373		240	1.2	2.1	<0.002	0.42	<0.05	0.2	1	<0.2	69.1	<0.05	0.07	0.11	<0.005	0.06
458374		130	1.2	1.8	<0.002	0.28	<0.05	0.2	<1	<0.2	38.3	<0.05	0.07	0.07	<0.005	0.03
458375		350	1.0	2.4	0.002	0.19	0.10	1.4	1	<0.2	40.1	0.20	<0.05	0.63	0.061	0.06
458376		70	2.4	1.2	<0.002	0.01	<0.05	0.1	2	<0.2	132.0	<0.05	0.07	0.20	0.006	0.05
458377		280	9.2	112.0	0.013	1.71	1.40	16.9	2	1.4	74.5	0.55	0.11	7.11	0.343	1.06
458378		210	4.6	135.0	<0.002	0.60	0.51	11.0	1	1.9	25.0	0.59	0.21	11.90	0.272	1.04
458379		190	5.3	154.0	0.004	0.42	0.67	10.3	1	1.8	25.7	0.59	0.14	12.55	0.297	1.09
458380		200	5.8	179.0	<0.002	0.51	0.82	11.0	1	2.0	22.4	0.64	0.09	14.10	0.342	1.22

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: Kan

CERTIFICAT D'ANALYSE VO18154566

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458361		3.5	131	1.4	6.6	165	80.8
458362		3.2	145	1.3	6.1	167	68.1
458363		2.3	75	0.6	6.6	111	43.3
458364		10.6	147	1.5	10.9	498	124.0
458365		13.5	207	2.4	14.6	732	176.0
458366		20.8	359	2.3	9.5	860	83.9
458367		9.1	146	1.5	7.1	598	92.3
458368		0.3	13	0.2	5.5	29	5.1
458369		0.6	143	9.1	14.4	85	100.5
458370		0.6	24	0.3	5.8	31	6.5
458371		0.1	6	0.2	4.7	11	2.5
458372		0.8	18	0.4	4.4	39	9.8
458373		0.1	9	0.1	5.9	34	3.0
458374		0.1	10	0.1	3.9	29	2.0
458375		0.4	34	0.3	4.5	24	18.2
458376		0.3	3	0.3	0.7	15	2.2
458377		3.9	264	1.5	5.6	164	66.7
458378		1.4	74	1.8	4.6	99	73.3
458379		1.8	70	1.5	5.1	72	86.8
458380		2.0	75	1.5	5.4	79	94.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 18- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154566

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 21- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18154567

Projet: Kan

Bon de commande #: KANDH18- 010

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154567

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
458381		4.49	0.002	0.06	8.83	2.4	510	2.53	0.18	0.10	0.09	78.8	11.0	84	5.57	28.8
458382		3.06	0.008	0.12	7.90	1.1	420	1.89	0.24	0.43	0.68	55.4	15.5	84	4.43	67.2
458383		1.60	<0.001	0.05	7.16	34.8	350	1.17	0.02	3.11	0.45	32.9	30.6	110	2.64	79.6
458384		4.41	0.038	1.19	6.43	122.5	100	1.07	0.38	0.30	2.24	52.2	42.6	86	2.86	130.0
458385		3.72	0.005	0.54	10.25	20.9	310	1.28	0.18	0.23	2.10	56.9	17.4	130	4.23	178.0
458386		4.25	0.004	0.61	9.35	21.9	260	1.10	0.21	0.23	2.22	60.0	25.0	90	3.49	186.0
458387		4.06	0.002	0.47	8.35	14.5	250	1.02	0.17	1.07	2.49	62.8	17.8	91	3.75	219
458388		4.11	0.002	0.40	9.59	25.4	320	1.23	0.17	0.35	2.15	51.0	27.5	114	4.36	127.0
458389		0.09	0.678	0.20	7.43	19.3	330	1.45	0.15	4.48	0.18	52.8	43.8	189	1.98	58.0
458390		4.31	0.005	0.54	9.98	19.3	330	1.37	0.20	0.31	1.76	97.5	27.4	121	4.42	173.5
458391		4.15	0.004	0.49	10.70	18.5	380	1.41	0.17	0.28	1.79	68.1	19.1	130	4.73	166.0
458392		4.21	0.006	0.59	9.91	37.3	440	1.06	0.20	0.67	2.40	66.9	35.7	108	4.49	120.0
458393		4.78	0.005	0.56	10.55	11.2	410	1.14	0.14	0.26	1.95	73.6	12.9	115	4.71	125.0
458394		4.38	0.008	0.74	10.65	26.4	420	1.32	0.21	0.22	3.33	61.8	33.0	114	4.76	120.5
458395		4.83	0.006	0.77	9.88	12.1	370	1.26	0.17	0.28	3.51	55.4	20.3	121	4.32	133.0
458396		0.28	<0.001	0.01	0.10	0.6	140	<0.05	0.02	19.75	0.07	1.70	0.4	2	0.46	1.4
458397		4.51	0.003	0.78	8.74	39.5	210	0.90	0.22	0.44	2.96	44.1	53.2	112	4.24	160.5
458398		4.01	0.003	0.64	8.89	31.6	260	1.31	0.24	1.06	2.30	79.0	36.1	102	3.52	141.0
458399		3.90	0.004	0.69	7.74	19.3	200	1.28	0.22	1.00	1.32	70.7	23.5	103	2.95	112.5
458400		4.82	0.004	0.80	8.86	29.7	230	1.35	0.29	0.40	1.86	63.9	39.1	112	3.49	136.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154567

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
458381		4.83	24.9	0.11	2.4	0.007	0.055	4.66	41.6	42.5	1.14	258	1.56	0.09	8.7	33.0
458382		6.65	22.0	0.11	1.9	0.019	0.041	3.71	28.8	40.2	1.32	295	4.27	0.05	7.1	44.5
458383		7.88	18.95	0.08	1.6	0.011	0.047	2.77	16.8	40.3	2.33	664	2.49	0.09	5.0	73.1
458384		17.00	20.7	0.12	4.9	0.298	0.131	2.43	25.9	21.9	0.73	106	19.85	0.33	18.4	189.0
458385		11.20	26.6	0.14	4.8	0.126	0.166	3.96	31.1	26.4	0.76	84	12.40	0.51	21.1	179.0
458386		12.00	26.4	0.15	6.1	0.140	0.194	3.39	30.6	35.2	1.06	87	10.25	0.47	24.5	168.5
458387		12.20	22.7	0.14	4.2	0.178	0.212	3.14	36.6	23.6	1.09	363	9.41	0.33	14.0	188.5
458388		9.84	25.9	0.12	4.8	0.158	0.192	3.48	28.1	29.3	0.87	137	9.14	0.42	16.2	131.0
458389		7.48	20.6	0.08	3.8	0.024	0.073	0.91	23.9	13.8	2.96	946	1.83	1.75	20.0	138.0
458390		10.95	27.6	0.16	5.9	0.123	0.173	3.44	51.8	33.2	0.96	127	11.95	0.50	25.0	164.0
458391		9.60	28.8	0.14	5.4	0.145	0.194	3.84	38.5	35.6	0.91	115	10.10	0.58	21.9	148.5
458392		9.96	22.4	0.10	4.7	0.180	0.200	3.44	39.6	34.6	1.16	233	9.24	0.58	20.0	134.0
458393		8.57	25.6	0.12	5.3	0.132	0.183	3.74	43.6	41.0	1.05	109	9.79	0.66	23.4	127.5
458394		9.90	24.7	0.11	4.7	0.211	0.253	3.88	37.4	30.2	0.65	72	11.45	0.66	19.8	145.5
458395		10.15	24.0	0.11	4.1	0.190	0.262	3.41	31.6	39.1	0.92	121	10.20	0.69	15.5	136.0
458396		0.14	0.28	0.07	0.1	<0.005	0.005	0.05	0.9	9.5	12.35	284	0.22	0.02	0.2	1.0
458397		13.10	19.85	0.09	3.6	0.180	0.226	3.02	23.8	25.8	0.67	146	9.92	0.57	10.0	164.0
458398		12.15	21.1	0.09	5.6	0.107	0.177	2.45	44.6	41.1	1.39	424	8.74	0.76	19.6	123.5
458399		9.55	18.40	0.09	4.5	0.072	0.105	2.02	41.1	34.2	1.21	407	7.39	0.71	13.6	106.0
458400		13.00	20.4	0.09	4.9	0.089	0.130	2.49	36.0	35.7	0.86	195	8.06	0.83	17.6	144.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154567

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
458381		170	10.3	157.5	0.003	0.47	1.32	11.9	1	1.8	21.9	0.64	0.07	15.25	0.282	1.36
458382		190	21.5	125.0	0.010	1.11	2.33	10.7	3	1.3	27.5	0.56	0.09	11.30	0.229	1.20
458383		250	4.7	93.4	0.006	0.31	0.47	27.8	1	0.7	105.5	0.36	<0.05	5.81	0.428	0.82
458384		380	74.9	61.5	0.028	>10.0	18.80	14.7	4	2.3	32.6	1.24	0.89	5.97	0.251	5.00
458385		590	31.8	96.6	0.012	6.95	5.55	26.6	3	2.6	55.8	1.32	0.22	5.75	0.528	5.34
458386		830	33.8	65.7	0.017	6.59	5.09	25.7	3	2.6	49.8	1.47	0.22	5.64	0.536	4.37
458387		500	23.3	77.0	0.011	7.38	3.86	24.5	3	2.4	57.3	0.79	0.17	4.98	0.387	4.06
458388		490	23.6	82.8	0.014	6.36	3.46	27.2	3	2.7	68.4	0.91	0.25	4.40	0.472	4.27
458389		1140	14.2	42.8	<0.002	0.02	1.08	21.1	<1	1.8	358	1.18	<0.05	5.87	0.924	0.23
458390		520	26.8	83.2	0.015	6.34	4.17	26.3	3	2.5	81.8	1.40	0.26	7.50	0.466	4.11
458391		580	26.2	87.9	0.014	5.64	3.60	31.3	2	2.5	84.2	1.31	0.25	5.75	0.663	4.23
458392		660	38.6	77.1	0.012	6.23	4.21	24.7	2	2.5	82.5	1.18	0.26	4.53	0.593	3.88
458393		680	25.7	84.4	0.015	4.72	3.85	29.6	2	2.8	87.2	1.33	0.16	5.04	0.688	4.28
458394		560	34.8	92.0	0.013	6.81	4.86	28.5	3	3.1	91.0	1.15	0.23	4.56	0.554	4.41
458395		470	29.4	77.5	0.014	6.03	4.11	28.0	3	3.5	85.2	0.92	0.25	4.24	0.495	3.79
458396		30	2.0	1.4	<0.002	0.02	0.24	0.2	1	<0.2	176.5	<0.05	<0.05	0.11	0.009	0.14
458397		430	33.7	70.7	0.015	9.18	2.80	20.6	3	3.0	79.1	0.60	0.33	3.38	0.356	3.70
458398		450	35.0	58.1	0.013	7.83	2.78	18.1	2	2.6	111.5	1.20	0.31	5.97	0.367	3.03
458399		420	24.6	51.4	0.010	5.43	2.75	15.0	2	1.9	109.0	0.84	0.28	5.05	0.306	2.40
458400		420	35.6	59.9	0.014	8.31	3.01	17.0	3	2.0	111.5	1.03	0.34	5.18	0.370	2.89

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154567

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458381		2.4	110	1.8	6.5	108	75.4
458382		4.3	232	1.5	6.6	233	59.1
458383		2.6	300	1.0	6.6	167	54.0
458384		16.6	216	0.8	15.3	710	171.0
458385		19.4	205	1.0	15.2	828	171.0
458386		17.4	192	0.8	16.1	904	218
458387		14.0	168	0.7	13.6	1020	148.5
458388		16.2	184	0.7	13.1	856	165.5
458389		1.1	147	2.1	20.9	132	140.0
458390		13.6	180	0.7	16.7	703	212
458391		15.9	199	0.9	14.8	746	190.0
458392		17.0	185	0.7	13.2	943	181.5
458393		18.7	197	0.8	14.8	805	203
458394		18.3	185	0.9	14.4	1280	184.0
458395		16.5	206	0.7	12.1	1340	155.5
458396		0.2	3	0.2	1.0	19	1.8
458397		15.0	184	0.7	9.7	1040	137.0
458398		11.4	156	0.8	12.9	748	210
458399		7.8	127	0.7	10.2	401	173.0
458400		10.5	150	0.8	11.3	555	190.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154567

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
16-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18154568

Projet: Kan

Bon de commande #: KANDH18-011

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-JUIN-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL-LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

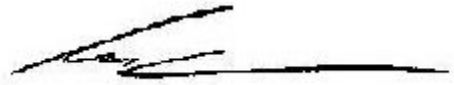
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date:
16-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154568

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
407701		Not Recvd														
407702		4.70	0.012	0.93	10.25	10.0	250	1.76	0.22	0.43	2.29	87.2	21.3	123	4.36	132.0
407703		2.56	0.009	0.84	10.55	7.2	250	2.02	0.18	0.36	2.65	86.2	11.1	118	4.62	150.5
407704		4.77	0.004	0.63	11.10	7.0	280	2.19	0.18	0.14	2.79	106.5	8.6	131	4.88	97.4
407705		4.51	0.009	1.38	9.50	73.6	200	1.73	0.37	1.33	2.57	90.5	53.2	113	3.89	121.5
407706		4.69	0.007	0.84	10.60	16.3	270	1.81	0.15	0.11	1.93	83.8	26.8	118	4.62	146.0
407707		4.92	0.008	0.89	10.40	16.8	270	1.87	0.19	0.43	1.94	89.4	19.3	122	4.65	120.0
407708		4.78	0.009	0.94	10.35	37.3	260	1.94	0.19	0.56	3.62	88.0	37.9	117	4.52	129.5
407709		0.06	2.55	0.49	7.29	11.3	340	1.17	0.17	5.04	0.07	45.9	54.7	332	0.70	83.5
407710		4.61	0.009	0.97	10.00	10.9	300	2.06	0.22	0.36	2.29	74.6	9.8	148	5.03	162.0
407711		4.71	0.012	0.89	9.83	26.4	230	1.93	0.23	0.66	2.18	86.8	30.0	114	4.05	109.0
407712		4.53	0.008	0.76	9.50	12.2	200	1.97	0.17	1.13	1.97	112.5	17.3	105	3.80	126.0
407713		4.23	0.013	1.00	9.81	22.9	200	2.03	0.24	0.90	1.54	93.4	24.4	116	3.82	149.5
407714		4.66	0.013	1.12	9.36	24.5	220	1.58	0.27	0.67	1.67	85.3	29.2	103	4.21	165.0
407715		4.76	0.023	1.21	10.10	15.0	280	1.75	0.19	0.55	3.53	59.8	18.8	117	4.53	246
407716		0.22	<0.001	0.02	0.20	1.3	110	0.06	0.03	19.80	0.22	1.76	0.9	2	0.48	2.1
407717		3.17	0.048	2.20	4.10	32.7	140	1.62	0.33	1.77	13.25	50.0	32.9	64	2.94	327
407718		2.08	0.067	2.83	1.82	34.2	20	0.58	0.37	3.03	8.74	44.3	21.7	39	1.43	435
407719		2.17	0.077	2.74	1.67	16.7	40	0.62	0.32	3.79	10.20	42.7	18.5	34	1.57	397
407720		2.40	0.086	2.37	2.23	40.8	110	1.53	0.30	1.59	19.80	40.7	37.6	51	3.23	362

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CERTIFICAT D'ANALYSE VO18154568

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
407701																
407702		10.15	25.9	0.20	5.3	0.097	0.163	3.28	50.5	35.8	0.79	191	11.60	0.79	17.5	130.0
407703		9.93	29.0	0.21	5.9	0.106	0.176	3.45	48.2	36.6	0.74	179	13.25	0.79	17.8	135.0
407704		6.91	28.4	0.22	6.2	0.115	0.181	3.85	61.3	27.6	0.42	66	9.82	0.82	27.3	98.2
407705		12.60	24.5	0.22	6.0	0.107	0.162	2.98	50.2	40.9	1.44	621	9.41	0.56	23.6	128.5
407706		11.65	26.3	0.21	5.8	0.080	0.158	3.68	46.6	34.2	0.79	116	15.45	0.51	16.0	150.0
407707		9.86	27.1	0.21	6.1	0.078	0.159	3.85	49.8	29.9	0.85	230	11.00	0.48	23.7	121.5
407708		11.50	26.5	0.22	6.6	0.116	0.190	3.66	48.7	35.6	1.02	332	10.10	0.50	29.9	132.0
407709		7.95	17.80	0.17	3.3	0.061	0.060	1.05	23.4	9.5	5.81	1100	2.98	2.13	28.8	376
407710		11.20	27.5	0.21	5.7	0.081	0.162	4.08	39.4	34.2	0.86	240	10.45	0.47	21.4	156.0
407711		10.35	24.5	0.22	6.5	0.067	0.135	3.28	48.9	32.4	0.92	341	8.79	0.67	27.6	111.0
407712		9.60	28.4	0.21	9.4	0.066	0.138	3.01	60.0	37.6	1.21	493	9.64	0.73	37.1	108.5
407713		11.60	25.2	0.23	5.8	0.055	0.124	2.97	53.0	43.5	1.25	492	8.68	0.66	21.0	143.0
407714		11.65	25.3	0.21	5.3	0.059	0.146	3.24	45.1	35.7	1.06	456	12.90	0.45	17.1	150.0
407715		12.65	24.1	0.20	4.3	0.119	0.219	3.87	33.3	32.2	0.86	454	9.98	0.39	13.4	172.0
407716		0.19	0.52	0.26	0.1	0.005	<0.005	0.09	0.9	19.3	13.85	291	0.16	0.04	0.5	1.6
407717		16.85	12.20	0.18	2.4	0.252	0.097	1.43	30.5	21.0	1.10	1480	68.9	0.16	7.2	214
407718		21.3	5.79	0.19	1.1	0.154	0.045	0.22	27.8	22.1	1.84	4560	128.5	0.01	2.5	252
407719		20.6	5.53	0.18	1.0	0.189	0.051	0.27	26.8	21.6	2.31	6960	105.0	0.01	2.8	246
407720		17.70	7.29	0.17	1.2	0.357	0.066	0.74	27.0	22.3	1.14	3040	121.0	0.02	2.6	205

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CERTIFICAT D'ANALYSE VO18154568

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
407701																
407702		510	25.9	82.9	0.013	5.83	3.39	21.4	3	2.5	124.0	0.95	0.27	6.87	0.416	3.48
407703		460	22.2	87.4	0.014	5.66	3.39	20.6	3	2.7	135.0	0.97	0.30	6.87	0.445	3.77
407704		410	22.4	102.5	0.010	4.37	2.94	21.1	2	3.2	141.5	1.49	0.23	8.15	0.547	4.32
407705		540	53.6	76.6	0.010	8.20	3.41	19.8	3	2.6	119.0	1.32	0.42	7.33	0.438	3.30
407706		320	18.2	97.1	0.016	6.73	2.57	21.4	3	2.6	84.0	0.92	0.19	7.02	0.423	4.29
407707		510	22.1	102.0	0.010	5.85	2.65	21.7	2	3.0	83.3	1.29	0.22	7.62	0.455	4.48
407708		480	25.8	94.8	0.011	7.16	2.36	23.0	4	3.4	85.9	1.75	0.25	7.97	0.480	4.35
407709		1960	5.4	33.0	<0.002	0.04	0.34	21.5	1	1.3	510	1.64	0.09	2.96	1.120	0.08
407710		530	28.2	107.5	0.015	6.16	2.90	26.2	4	2.7	85.8	1.23	0.25	7.00	0.476	4.91
407711		460	32.1	86.8	0.010	6.82	2.37	20.1	3	2.6	114.5	1.66	0.26	8.15	0.450	3.77
407712		460	25.3	78.7	0.008	5.20	2.22	19.2	3	3.3	120.5	2.40	0.24	10.55	0.366	3.38
407713		450	26.5	79.9	0.010	6.47	3.01	21.7	3	2.7	134.0	1.28	0.28	7.51	0.430	3.44
407714		430	38.6	86.6	0.011	6.66	2.76	22.3	4	2.5	104.5	0.93	0.28	6.54	0.390	3.95
407715		540	46.5	99.4	0.013	6.96	3.23	25.9	4	2.7	76.2	0.78	0.32	4.66	0.393	4.88
407716		30	10.8	2.3	<0.002	0.06	0.16	0.3	1	<0.2	194.5	<0.05	<0.05	0.17	0.012	0.13
407717		750	65.6	55.6	0.074	9.92	7.60	9.2	13	1.2	50.1	0.47	0.49	4.66	0.132	3.07
407718		2840	54.0	11.8	0.058	>10.0	12.90	4.7	20	0.4	61.2	0.17	0.57	2.67	0.050	0.75
407719		2490	53.8	15.2	0.058	>10.0	11.80	4.4	19	0.4	75.2	0.20	0.55	2.66	0.047	0.96
407720		1710	79.0	39.6	0.085	>10.0	11.55	4.6	20	0.9	43.9	0.18	0.47	3.24	0.051	2.17

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CERTIFICAT D'ANALYSE VO18154568

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
407701							
407702		12.6	176	1.0	14.5	685	217
407703		14.3	183	1.2	14.3	802	244
407704		12.0	176	1.3	16.8	822	262
407705		11.0	148	1.2	16.8	791	243
407706		12.9	179	1.4	15.1	610	230
407707		11.4	173	1.6	16.3	596	250
407708		12.9	172	1.5	17.9	1040	271
407709		0.7	156	3.1	22.1	112	147.0
407710		16.9	199	1.5	13.9	641	235
407711		11.0	159	1.2	17.6	649	258
407712		11.0	143	1.0	21.2	596	371
407713		9.4	150	1.0	15.2	496	230
407714		12.0	165	0.9	15.2	549	219
407715		17.2	189	0.9	12.9	1160	178.0
407716		0.4	3	0.2	1.0	45	5.0
407717		31.5	732	1.4	15.1	2120	93.1
407718		43.5	894	1.7	22.2	1400	46.1
407719		39.0	885	1.4	22.6	1580	41.5
407720		51.6	1160	1.2	21.4	2760	48.2

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CERTIFICAT D'ANALYSE VO18154568

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 18- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18154569

Projet: Kan

Bon de commande #: KANDH18- 012

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH LEE SCHOLL	SIMON HEBERT LIZ STOCK	SIMON HOULE CORPORATIF WEBTRIEVE

PRÉPARATION ÉCHANTILLONS

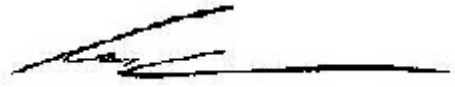
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18154569

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
407721		2.39	0.107	2.30	1.41	214	40	0.79	0.26	4.17	11.30	37.8	20.4	38	1.44	524
407722		2.38	0.075	1.95	1.15	130.5	20	2.43	0.23	5.60	9.41	36.5	8.4	33	0.89	401
407723		2.21	0.082	2.09	1.37	330	20	6.63	0.26	4.45	11.60	46.1	17.4	38	1.09	355
407724		2.48	0.075	1.58	1.15	250	20	0.73	0.22	3.63	6.86	29.7	10.5	37	0.94	368
407725		3.18	0.081	1.52	1.19	137.5	30	1.10	0.22	3.33	7.48	29.1	6.5	34	0.93	528
407726		2.07	0.078	1.75	1.46	264	30	0.82	0.25	3.44	7.30	39.7	17.4	38	0.99	332
407727		2.36	0.119	1.96	2.09	282	100	1.87	0.32	2.11	21.9	42.7	16.1	47	2.01	444
407728		2.16	0.091	1.62	2.51	269	140	2.81	0.27	3.12	19.90	62.4	14.1	49	1.40	355
407729		0.07	7.74	1.33	6.23	31.1	320	0.96	0.45	2.95	0.07	27.2	38.0	336	0.68	109.0
407730		2.43	0.092	1.31	2.50	446	160	2.19	0.26	3.09	17.05	51.7	20.1	45	1.43	344
407731		2.45	0.094	1.26	2.04	271	130	1.69	0.30	2.39	16.35	46.1	28.0	45	1.55	470
407732		2.26	0.058	0.70	1.43	98.2	110	2.14	0.26	3.23	5.97	40.5	21.1	29	1.17	207
407733		2.67	0.043	0.56	1.36	95.5	100	1.13	0.18	3.32	6.29	43.6	14.6	27	1.15	227
407734		2.51	0.064	0.53	1.41	69.4	120	1.16	0.18	3.16	4.58	39.3	9.6	30	1.50	244
407735		2.48	0.048	0.64	1.35	70.3	110	1.07	0.23	3.13	5.99	37.8	11.1	33	1.48	320
407736		0.22	0.002	0.01	0.06	0.9	90	0.09	0.02	19.90	0.07	1.07	0.4	2	0.32	2.3
407737		2.26	0.065	0.66	1.25	115.5	100	0.86	0.25	3.12	6.17	37.4	10.2	29	1.47	231
407738		2.54	0.083	0.88	1.60	160.0	150	1.26	0.32	2.97	11.60	42.0	12.9	43	2.12	348
407739		2.30	0.032	0.39	1.42	41.8	100	1.00	0.06	3.58	4.81	38.0	15.9	27	1.51	279
407740		2.46	0.032	0.47	1.55	42.1	90	69.6	0.11	2.98	2.96	29.6	7.8	29	1.55	258

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Projet: Kan

CERTIFICAT D'ANALYSE VO18154569

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
407721		19.95	4.40	0.10	0.9	0.239	0.045	0.32	23.0	17.8	2.16	9280	98.1	0.02	2.3	211
407722		19.50	3.75	0.10	0.8	0.162	0.035	0.21	21.7	14.0	2.74	13550	80.7	0.02	2.4	177.0
407723		19.90	4.38	0.11	0.9	0.215	0.046	0.23	27.4	16.2	2.30	9980	102.0	0.02	2.7	187.5
407724		18.45	3.63	0.09	0.7	0.131	0.030	0.21	18.5	14.2	2.08	8220	88.0	0.05	1.9	146.5
407725		19.65	3.71	0.09	0.6	0.131	0.033	0.21	17.5	13.6	2.14	9480	89.7	0.03	1.9	154.0
407726		18.60	4.47	0.09	0.8	0.142	0.033	0.21	23.5	17.7	2.19	8540	94.6	0.04	2.4	147.5
407727		19.45	5.84	0.12	1.5	0.318	0.071	0.60	25.2	17.7	1.26	5180	116.5	0.07	2.7	203
407728		18.95	7.05	0.15	1.9	0.323	0.056	0.54	38.0	21.4	1.92	11950	85.0	0.23	4.1	133.5
407729		5.64	14.10	0.05	2.4	0.172	0.048	1.06	13.9	14.5	4.14	767	5.91	1.20	14.7	252
407730		20.2	7.16	0.12	1.8	0.255	0.048	0.54	28.8	23.9	2.00	11850	73.1	0.16	3.8	113.5
407731		20.7	6.00	0.11	1.4	0.269	0.046	0.54	27.6	17.0	1.66	8910	77.4	0.07	3.1	125.5
407732		21.9	4.49	0.08	1.0	0.080	0.028	0.47	21.2	10.9	2.14	11300	31.4	0.04	2.7	59.5
407733		21.7	4.40	0.08	1.0	0.088	0.027	0.43	23.3	10.2	2.13	10700	31.5	0.04	2.5	56.9
407734		21.5	4.57	0.06	1.0	0.046	0.019	0.55	20.2	9.0	2.08	9480	31.7	0.04	2.7	62.7
407735		22.0	4.34	0.08	0.8	0.074	0.029	0.54	20.1	8.9	2.05	10850	37.6	0.04	2.6	80.1
407736		0.23	0.20	<0.05	<0.1	<0.005	<0.005	0.03	0.6	11.7	13.35	310	0.34	0.02	0.1	0.7
407737		20.2	4.05	0.10	0.9	0.091	0.023	0.52	20.4	7.3	2.00	10650	35.2	0.04	2.5	67.1
407738		20.1	4.95	0.08	1.2	0.144	0.039	0.71	24.0	8.2	1.88	10050	73.1	0.05	3.6	80.3
407739		24.0	4.17	0.07	0.8	0.057	0.024	0.53	17.2	9.4	2.08	16050	19.90	0.04	2.2	62.0
407740		19.55	4.61	0.06	0.8	0.048	0.017	0.49	15.5	11.0	1.79	8370	20.3	0.04	1.9	74.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154569

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
407721		3280	52.1	14.9	0.064	>10.0	11.00	3.2	16	0.5	79.0	0.16	0.53	1.95	0.033	0.97
407722		4940	43.5	10.3	0.045	8.38	9.63	2.9	14	0.3	110.0	0.16	0.44	1.55	0.031	0.72
407723		4120	48.7	11.5	0.061	9.30	10.35	3.0	16	0.4	87.3	0.19	0.52	1.92	0.040	0.75
407724		3410	37.1	9.3	0.045	7.58	7.80	2.8	12	0.3	73.2	0.12	0.50	1.56	0.033	0.51
407725		2690	32.7	10.4	0.045	7.67	6.91	2.9	13	0.3	70.0	0.10	0.41	1.56	0.031	0.63
407726		2690	38.8	10.4	0.042	7.46	8.47	3.4	14	0.3	75.8	0.13	0.45	1.97	0.042	0.61
407727		2230	49.4	27.3	0.083	9.64	9.21	3.9	19	0.6	60.6	0.17	0.55	2.68	0.041	1.58
407728		3820	38.1	31.9	0.097	6.80	7.01	4.8	23	0.9	86.2	0.28	0.51	3.72	0.056	1.67
407729		1150	9.4	34.2	0.003	0.09	0.73	18.8	1	1.1	281	0.87	0.28	2.12	0.684	0.18
407730		3590	30.8	40.4	0.068	6.12	5.95	4.8	23	1.3	74.0	0.22	0.75	2.94	0.061	1.99
407731		2690	29.6	38.1	0.071	6.51	4.94	3.7	22	1.0	54.2	0.20	0.79	2.95	0.041	1.96
407732		2950	16.6	34.4	0.032	3.55	2.58	2.5	9	0.7	56.6	0.17	0.64	2.21	0.033	1.92
407733		3190	13.3	32.1	0.033	3.24	1.84	2.4	10	0.7	57.9	0.14	0.51	2.04	0.030	1.72
407734		2700	12.5	38.1	0.034	3.10	1.79	2.5	10	0.7	55.5	0.15	0.52	2.17	0.031	1.93
407735		2760	15.7	37.1	0.040	3.89	2.31	2.6	11	0.7	57.6	0.14	0.56	2.04	0.031	1.92
407736		30	1.2	1.0	<0.002	0.02	<0.05	0.1	<1	<0.2	130.0	<0.05	0.06	0.12	0.005	0.06
407737		2750	16.0	35.3	0.032	3.22	2.31	2.5	13	0.6	58.3	0.14	0.57	1.90	0.030	1.74
407738		3070	24.0	49.7	0.068	3.80	3.30	3.5	13	0.9	65.2	0.19	0.71	2.66	0.040	2.42
407739		2770	6.7	32.1	0.017	3.14	0.51	2.8	9	0.6	66.8	0.13	0.31	2.06	0.037	1.67
407740		2110	8.4	30.5	0.014	3.39	0.74	2.3	9	0.5	56.2	0.14	0.28	2.21	0.028	1.39

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CERTIFICAT D'ANALYSE VO18154569

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
407721		35.1	910	0.6	19.4	1930	36.0
407722		29.9	784	0.4	21.4	1560	34.3
407723		39.8	915	0.5	22.3	1930	37.4
407724		28.2	693	0.6	16.7	1170	29.5
407725		31.1	710	0.3	14.8	1230	27.6
407726		34.3	782	0.5	17.9	1190	33.8
407727		42.4	881	0.5	16.6	3410	62.9
407728		40.6	895	0.3	25.4	3060	73.2
407729		0.6	144	8.9	13.2	89	97.9
407730		34.1	721	0.3	22.0	2450	68.3
407731		37.0	745	0.3	20.6	2390	51.6
407732		17.5	363	0.1	16.4	986	35.8
407733		16.9	363	0.1	18.8	1040	35.0
407734		16.1	342	0.2	15.2	756	37.2
407735		18.8	390	0.2	16.2	964	35.7
407736		0.3	3	0.2	0.5	17	1.5
407737		17.8	372	0.2	16.5	996	33.8
407738		35.1	627	0.3	24.4	1810	48.4
407739		11.6	243	0.2	14.0	854	29.6
407740		10.8	250	0.1	11.6	573	30.0

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CERTIFICAT D'ANALYSE VO18154569

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 16- JUIL- 2018
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CERTIFICAT VO18154577

Projet: Kan

Bon de commande #: KANDH18- 013

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH LEE SCHOLL	SIMON HEBERT LIZ STOCK	SIMON HOULE CORPORATIF WEBTRIEVE

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18154577

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
407741		3.07	0.112	1.18	1.98	158.5	160	1.75	0.40	2.58	31.4	44.1	33.5	43	2.28	290
407742		1.98	0.104	0.93	2.11	201	180	1.72	0.35	2.72	10.95	47.0	19.9	42	2.14	193.5
407743		1.74	0.049	0.47	1.24	88.6	60	0.69	0.18	3.31	4.04	33.6	9.7	26	0.78	159.5
407744		2.47	0.070	0.69	1.98	84.1	110	1.05	0.26	3.02	12.70	39.3	14.5	37	0.88	237
407745		2.07	0.066	0.70	1.74	84.6	60	0.82	0.20	3.11	8.80	35.9	12.4	34	0.44	185.5
407746		2.16	0.072	0.97	1.77	55.1	20	0.50	0.23	3.06	11.35	38.1	19.1	34	0.39	159.0
407747		2.34	0.041	1.12	3.59	77.0	150	1.31	0.31	2.99	5.60	57.1	37.3	46	1.32	322
407748		2.38	0.143	2.30	2.42	30.3	70	0.60	0.62	3.22	14.35	49.7	25.0	47	1.00	462
407749		0.07	0.688	0.21	7.69	20.5	350	1.45	0.14	4.63	0.20	48.5	42.9	196	1.95	54.5
407750		4.22	0.078	1.38	7.62	4.1	250	2.67	0.41	1.31	10.40	62.8	16.2	107	3.92	221
407751		4.15	0.009	0.64	10.05	3.4	310	3.04	0.19	0.49	4.40	77.6	10.2	122	4.80	179.0
407752		4.29	0.013	0.61	8.74	3.7	220	1.70	0.14	1.50	4.03	82.1	13.9	101	3.72	201
407753		4.67	0.016	0.63	9.14	4.0	220	1.25	0.15	0.85	3.03	56.2	28.9	104	3.79	193.0
407754		4.62	0.016	0.78	8.80	8.2	200	1.10	0.16	0.81	2.86	58.2	34.0	112	3.59	213
407755		4.56	0.018	0.96	8.63	7.4	190	1.09	0.19	1.40	2.42	55.3	29.3	97	3.20	193.0
407756		0.24	<0.001	0.01	0.12	0.3	120	0.06	0.02	20.3	0.07	1.59	0.5	2	0.53	2.3
407757		3.16	0.006	0.59	9.53	6.3	230	1.26	0.11	0.78	3.03	57.0	18.6	115	3.92	165.5
407758		4.58	0.010	0.62	10.10	9.8	250	1.36	0.13	0.58	1.69	61.8	14.8	116	3.88	149.0
407759		4.79	0.011	0.55	10.20	11.1	280	1.79	0.09	0.33	2.68	90.1	12.4	135	4.17	154.5
407760		2.11	0.048	1.11	8.17	67.2	250	1.71	0.23	0.27	2.63	59.9	36.8	125	3.40	139.5

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Projet: Kan

CERTIFICAT D'ANALYSE VO18154577

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
407741		21.9	6.24	0.15	1.5	0.260	0.086	0.84	26.4	10.2	1.58	7950	70.4	0.09	3.1	141.0
407742		20.0	6.24	0.13	1.5	0.125	0.042	0.87	26.1	11.8	1.75	11900	63.2	0.08	3.7	87.9
407743		21.9	3.92	0.10	0.9	0.049	0.024	0.28	16.4	11.6	2.13	12350	22.7	0.03	2.4	43.3
407744		19.85	5.95	0.10	1.2	0.129	0.042	0.47	20.4	18.3	1.76	12600	38.1	0.05	2.6	69.0
407745		19.60	5.25	0.09	1.1	0.095	0.035	0.27	18.3	19.1	1.82	12700	32.4	0.04	2.0	52.7
407746		19.70	5.56	0.10	1.0	0.137	0.047	0.27	19.4	17.5	1.85	14300	30.9	0.05	2.1	58.5
407747		18.00	9.68	0.12	2.1	0.099	0.046	0.90	27.6	28.7	1.99	5020	21.6	0.06	2.7	145.0
407748		20.9	6.90	0.14	1.7	0.266	0.095	0.52	29.8	20.6	2.00	5490	78.7	0.04	2.5	202
407749		7.63	18.25	0.08	4.1	0.022	0.069	0.93	23.0	13.9	3.04	984	1.79	1.79	19.6	146.5
407750		10.95	19.35	0.13	4.4	0.205	0.124	3.18	37.7	27.7	1.05	1450	52.4	0.18	10.2	116.5
407751		8.80	25.4	0.14	5.4	0.078	0.141	4.41	46.6	31.7	0.76	295	11.25	0.24	12.8	103.0
407752		10.45	24.6	0.18	7.3	0.094	0.146	3.79	44.6	27.4	1.20	507	9.49	0.21	30.2	128.0
407753		8.54	22.9	0.15	4.1	0.121	0.171	4.14	33.1	22.2	0.80	307	9.13	0.22	19.7	125.5
407754		10.65	21.8	0.16	4.0	0.116	0.187	4.02	32.7	20.8	0.79	268	9.72	0.22	17.5	169.5
407755		11.90	21.9	0.16	4.0	0.118	0.177	3.65	31.3	29.6	1.41	470	8.47	0.19	19.4	180.0
407756		0.16	0.37	0.13	0.1	<0.005	0.005	0.06	0.8	10.1	12.70	279	0.13	0.03	0.5	0.8
407757		9.73	23.7	0.16	4.1	0.109	0.197	4.41	33.5	17.7	0.82	257	9.79	0.22	21.0	165.5
407758		9.39	26.0	0.17	4.7	0.087	0.166	4.59	36.2	29.4	1.01	156	9.65	0.22	23.0	150.0
407759		10.00	27.0	0.18	5.6	0.082	0.180	4.70	48.3	31.5	0.87	113	10.80	0.22	32.2	154.0
407760		14.20	22.0	0.18	4.6	0.160	0.138	3.63	31.8	27.8	0.75	116	14.95	0.16	24.2	174.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: Kan

CERTIFICAT D'ANALYSE VO18154577

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
407741		2730	24.7	55.0	0.064	6.83	3.50	3.9	26	0.8	69.9	0.18	0.82	2.72	0.040	2.33
407742		2640	21.8	54.8	0.051	4.45	3.31	3.9	16	1.0	74.0	0.22	0.70	2.85	0.049	2.34
407743		2780	9.7	20.6	0.017	2.06	1.38	2.2	7	0.5	68.5	0.13	0.36	1.63	0.025	0.82
407744		2190	15.7	27.9	0.032	3.42	2.50	3.4	12	0.8	66.2	0.15	0.46	2.61	0.036	1.04
407745		2520	13.6	11.7	0.033	3.09	1.93	3.0	10	0.4	68.8	0.12	0.39	2.26	0.032	0.51
407746		2230	13.9	9.0	0.030	3.41	2.12	3.1	10	0.2	70.3	0.14	0.37	2.35	0.035	0.48
407747		2250	21.5	31.5	0.026	7.57	3.42	7.0	13	1.0	86.4	0.18	0.50	5.41	0.059	1.24
407748		3220	49.1	17.1	0.074	9.49	9.41	4.8	17	0.6	84.9	0.17	0.81	3.12	0.045	0.96
407749		1200	14.6	41.7	<0.002	0.03	1.04	19.6	1	1.8	363	1.16	<0.05	4.66	0.940	0.23
407750		890	33.7	89.9	0.048	5.37	6.27	17.7	8	2.4	73.0	0.63	0.49	5.14	0.238	3.80
407751		310	18.1	119.0	0.013	4.39	2.14	21.8	4	2.8	65.2	0.77	0.29	6.21	0.351	4.83
407752		340	15.1	99.1	0.012	5.12	1.86	19.4	3	3.2	80.9	1.84	0.23	6.91	0.398	3.51
407753		620	15.4	97.7	0.010	4.43	2.39	25.0	2	2.8	64.2	1.15	0.18	3.97	0.595	3.62
407754		400	22.7	91.9	0.015	6.05	2.55	23.7	2	2.6	58.5	1.04	0.22	4.25	0.443	3.40
407755		440	26.3	79.1	0.011	6.18	3.58	26.0	3	2.3	66.1	1.16	0.23	4.30	0.472	2.96
407756		20	2.0	1.9	<0.002	0.02	<0.05	0.3	<1	<0.2	149.5	<0.05	<0.05	0.21	0.011	0.10
407757		510	20.5	98.4	0.012	5.59	2.30	25.6	2	2.9	55.8	1.28	0.15	4.24	0.597	3.54
407758		620	24.6	99.3	0.012	4.93	3.86	30.3	2	2.6	47.2	1.38	0.20	4.62	0.682	3.72
407759		540	24.7	105.0	0.014	5.35	2.94	33.5	3	3.2	40.2	1.99	0.17	6.26	0.616	4.17
407760		440	55.3	87.2	0.020	>10.0	9.56	19.1	4	2.8	30.4	1.61	0.78	5.03	0.461	3.85

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18154577

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
407741		36.2	616	0.6	22.0	4000	56.5
407742		31.5	551	0.5	21.2	1520	56.2
407743		12.7	243	0.3	15.2	647	35.5
407744		18.1	351	0.3	15.1	1660	45.5
407745		15.8	301	0.6	15.0	1200	41.2
407746		16.5	325	4.4	14.2	1480	39.7
407747		13.3	327	0.5	14.2	934	74.5
407748		40.3	717	1.1	20.9	2140	65.1
407749		1.2	153	2.0	20.0	139	148.0
407750		28.3	607	1.9	16.3	1560	162.0
407751		11.7	186	1.7	11.3	778	192.5
407752		10.2	158	1.5	15.4	838	278
407753		17.2	187	1.6	10.8	919	166.0
407754		14.5	179	1.4	10.0	1060	161.0
407755		14.0	170	1.5	10.5	894	153.5
407756		0.5	3	0.2	1.1	20	3.5
407757		15.7	188	2.0	10.7	1070	168.0
407758		16.6	199	2.3	13.0	610	184.5
407759		17.7	211	2.4	15.0	793	220
407760		18.7	212	2.1	12.4	709	179.0

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CERTIFICAT D'ANALYSE VO18154577

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 1- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18158271

Projet: Kan

Bon de commande #: KANDH18- 020

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

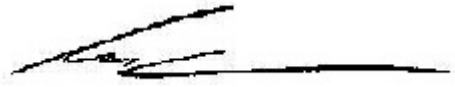
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 1- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18158271

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442281		4.48	0.002	0.33	8.95	10.2	400	2.18	0.18	0.13	2.51	50.5	19.8	92	5.61	98.6
442282		4.15	0.001	0.25	8.74	7.6	440	1.81	0.17	0.83	1.58	49.8	17.6	90	5.11	62.5
442283		3.51	<0.001	0.18	6.23	64.4	140	0.59	0.01	5.62	0.35	6.63	50.6	124	1.25	107.5
442284		4.67	<0.001	0.16	6.64	62.6	90	0.48	0.01	4.58	0.25	8.02	52.9	137	1.10	108.5
442285		2.43	<0.001	0.05	7.43	24.6	210	1.19	0.02	2.90	0.26	33.0	26.4	96	2.68	74.7
442286		3.81	<0.001	0.04	6.26	47.7	170	0.96	0.01	6.90	0.41	16.95	39.6	108	1.86	45.5
442287		5.22	<0.001	0.11	7.55	36.1	270	1.10	0.01	3.35	0.28	31.9	36.4	110	2.83	109.5
442288		2.71	0.001	0.29	8.90	80.4	420	2.00	0.26	0.49	0.43	54.8	21.2	79	5.59	63.9
442289		0.06	2.56	0.47	7.14	11.8	330	1.17	0.17	5.04	0.08	41.9	57.2	324	0.69	81.2
442290		4.52	0.001	0.35	8.32	6.4	340	1.91	0.12	1.34	1.08	56.0	15.4	79	4.53	93.1
442291		5.18	0.017	0.71	9.16	30.6	300	1.66	0.18	0.94	1.88	68.9	23.4	104	5.47	155.0
442292		5.40	0.094	1.60	5.63	143.5	110	1.25	0.29	0.86	2.80	72.6	26.9	52	3.25	156.5
442293		4.85	0.082	1.43	5.88	154.5	90	1.69	0.27	0.86	4.27	60.9	24.9	69	3.36	133.5
442294		4.87	0.043	1.49	4.09	148.0	130	1.31	0.18	2.84	7.11	53.9	18.4	52	2.70	327
442295		4.44	0.057	1.88	2.05	45.2	80	1.01	0.20	2.98	11.20	44.6	10.9	41	2.36	333
442296		0.24	0.017	0.48	0.53	1.0	40	0.26	0.06	29.8	3.47	14.15	0.7	9	0.58	88.8
442297		4.54	0.033	0.74	8.38	78.6	230	2.21	0.21	1.32	3.10	67.0	21.5	95	4.02	101.0
442298		4.79	0.055	1.42	3.60	190.5	100	1.40	0.37	1.20	15.55	40.7	41.5	55	2.81	146.0
442299		4.78	0.081	1.30	6.36	115.0	100	1.79	0.27	0.67	3.42	57.3	26.0	84	3.02	136.0
442300		3.60	0.120	1.96	4.79	129.5	90	1.64	0.41	0.42	4.39	48.6	35.7	75	2.57	170.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- AOUT- 2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18158271

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
442281		9.15	25.1	1.43	2.3	0.020	0.060	4.95	27.0	43.1	1.15	497	4.76	0.05	7.7	56.3
442282		7.58	23.7	1.06	2.5	0.018	0.049	4.44	25.7	40.6	1.53	460	4.65	0.06	7.6	51.0
442283		9.38	15.25	0.69	1.0	0.006	0.056	1.37	2.4	52.0	5.80	1040	0.28	0.02	2.0	98.0
442284		9.33	16.75	0.85	1.0	<0.005	0.066	1.35	2.9	61.0	5.88	862	0.28	0.03	1.7	101.0
442285		8.68	21.0	0.74	2.1	0.014	0.054	2.56	16.1	46.8	3.09	818	2.37	0.05	5.4	60.1
442286		9.20	15.95	0.41	1.5	0.019	0.061	1.97	7.1	41.3	3.55	1480	0.45	0.04	3.3	71.3
442287		9.64	20.7	0.93	1.9	0.011	0.054	2.62	15.7	48.5	3.18	925	1.93	0.05	4.9	71.8
442288		8.60	24.5	1.12	2.5	0.021	0.059	4.72	28.7	30.1	1.37	356	5.49	0.09	6.6	55.6
442289		7.87	19.90	0.43	3.6	0.057	0.063	1.05	20.4	9.5	5.83	1090	3.31	2.09	31.0	368
442290		8.87	22.1	0.81	3.1	0.035	0.063	4.39	29.5	24.9	1.43	739	3.56	0.16	8.3	57.0
442291		12.15	26.2	1.14	4.8	0.095	0.132	4.87	38.8	31.9	1.06	312	12.25	0.16	11.6	96.4
442292		19.45	19.35	0.66	4.8	0.366	0.131	2.92	39.4	22.6	0.86	320	20.2	0.08	19.4	146.0
442293		17.75	18.65	0.76	3.1	0.427	0.110	2.97	33.4	23.6	0.81	403	24.9	0.09	9.6	153.0
442294		17.50	11.50	1.00	1.6	0.231	0.075	2.11	33.1	17.3	1.49	2810	89.8	0.06	3.8	249
442295		17.85	7.02	0.47	1.4	0.255	0.088	1.08	27.8	10.9	1.48	3100	142.5	0.03	4.6	277
442296		3.71	1.67	0.05	0.4	0.072	0.038	0.28	8.8	3.4	2.14	715	29.5	0.03	2.0	52.6
442297		10.70	23.2	0.85	4.5	0.232	0.090	4.33	37.3	28.5	1.04	635	18.85	0.15	10.5	124.5
442298		15.55	9.28	0.15	1.4	0.546	0.114	1.84	25.0	15.4	0.70	770	110.0	0.05	2.4	187.0
442299		16.35	17.95	0.13	4.3	0.326	0.150	3.32	28.6	28.0	0.76	418	16.25	0.14	11.8	164.0
442300		20.3	15.00	0.10	2.3	0.416	0.160	2.48	25.1	24.1	0.65	415	17.40	0.07	5.1	125.0

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CERTIFICAT D'ANALYSE VO18158271

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
442281		130	12.8	167.0	0.011	3.05	2.41	12.8	4	1.7	20.2	0.65	0.19	9.61	0.290	1.36
442282		170	11.1	135.5	0.011	1.99	2.49	14.2	2	1.5	49.6	0.61	0.09	9.21	0.322	1.39
442283		300	4.8	39.2	<0.002	0.07	0.38	40.5	1	0.4	230	0.13	<0.05	0.20	0.457	0.41
442284		310	2.8	37.6	<0.002	0.06	0.38	44.1	1	0.5	191.5	0.12	<0.05	0.19	0.404	0.43
442285		210	3.8	79.3	0.005	0.32	0.37	23.6	1	0.7	98.0	0.41	<0.05	5.40	0.433	0.99
442286		270	4.7	56.3	<0.002	0.22	0.39	34.3	1	0.6	208	0.24	<0.05	1.85	0.513	0.77
442287		250	4.0	80.6	0.005	0.34	0.67	29.2	1	0.8	97.9	0.39	<0.05	5.06	0.471	1.18
442288		170	13.3	143.0	0.009	3.25	3.56	12.1	3	1.5	32.5	0.39	0.17	10.30	0.179	2.31
442289		1920	5.1	28.6	<0.002	0.04	0.33	21.7	<1	1.4	498	1.72	0.10	2.64	1.120	0.08
442290		220	11.3	121.0	0.005	4.08	2.50	13.5	3	1.8	64.7	0.55	0.15	8.67	0.203	2.82
442291		260	24.8	122.5	0.014	7.63	6.82	20.8	3	2.9	52.9	0.69	0.40	5.87	0.321	3.99
442292		260	83.2	76.4	0.031	>10.0	20.6	8.3	6	3.1	43.4	1.28	1.13	6.81	0.178	3.78
442293		340	84.3	76.0	0.027	>10.0	20.7	9.5	7	2.4	45.7	0.63	0.77	5.60	0.165	4.18
442294		2800	67.4	55.4	0.048	>10.0	16.80	8.0	15	1.2	91.4	0.23	0.28	3.57	0.110	2.42
442295		2600	85.2	34.1	0.094	>10.0	19.15	5.1	19	1.0	96.9	0.26	0.29	2.87	0.059	1.43
442296		760	17.6	7.3	0.020	2.17	5.10	1.1	5	0.3	95.9	0.17	0.05	0.86	0.022	0.32
442297		430	45.6	101.0	0.020	8.88	12.10	16.9	6	2.2	48.4	0.65	0.49	5.61	0.269	4.70
442298		690	80.4	53.6	0.077	>10.0	23.7	7.2	11	1.1	38.8	0.15	0.66	3.83	0.092	2.66
442299		350	68.4	79.3	0.024	>10.0	17.45	13.0	6	2.8	36.4	0.73	1.20	5.51	0.204	4.06
442300		200	91.1	69.6	0.018	>10.0	21.5	9.1	7	3.6	23.2	0.29	1.84	4.73	0.121	3.37

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www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18158271

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
442281		3.5	231	1.5	5.2	284	81.4	83.6	95.6
442282		5.0	264	1.3	5.8	235	85.7		96.4
442283		0.1	294	0.6	4.4	125	51.6		
442284		0.1	303	0.4	4.2	104	38.4		
442285		3.4	284	0.9	7.1	217	75.5		
442286		1.0	277	1.2	7.4	222	55.1		
442287		2.6	286	0.8	6.6	219	71.9		
442288		5.2	249	1.0	6.5	170	88.4		
442289		0.6	151	3.5	20.9	109	150.0		
442290		4.7	127	1.2	7.9	307	113.5		
442291		11.4	169	1.5	11.9	533	178.5		
442292		12.4	186	1.5	14.2	800	186.5		
442293		14.5	257	2.8	11.3	921	121.5		
442294		39.8	709	3.3	22.5	1310	63.5		
442295		52.1	1040	3.3	25.0	1940	61.9		
442296		11.2	206	1.0	7.5	660	17.7		
442297		14.3	228	2.4	12.7	629	174.0		
442298		40.3	958	3.5	18.2	2960	54.2		
442299		14.4	199	1.6	11.8	929	159.5		
442300		8.7	164	1.2	9.0	1100	88.6		

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- AOUT- 2018
Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18158271

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18158274

Projet: Kan

Bon de commande #: KANDH18- 21

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 20- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18158274

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456401		1.91	0.021	1.30	2.97	26.8	100	1.28	0.25	1.11	2.63	46.3	32.4	51	1.71	362
456402		1.63	0.007	0.20	0.22	48.8	10	0.16	0.07	0.96	0.11	8.35	3.3	18	0.12	52.5
456403		2.24	0.004	0.03	0.13	1.9	10	0.33	0.03	5.96	0.11	8.37	2.5	9	0.19	3.9
456404		2.45	0.700	0.05	0.17	10.6	20	0.37	0.03	3.99	0.07	8.85	3.7	10	0.43	5.1
456405		2.57	0.317	0.13	0.38	8.3	20	0.26	0.05	6.36	0.26	5.23	4.3	9	0.69	64.9
456406		2.44	0.336	0.07	0.29	10.6	20	0.30	0.04	3.95	0.18	12.65	4.9	6	1.19	29.3
456407		2.41	0.035	0.03	0.27	5.1	20	0.27	0.02	4.37	0.10	12.50	4.4	10	1.15	9.3
456408		2.46	0.041	0.02	0.11	0.6	10	0.21	0.01	2.18	0.11	6.11	4.0	5	0.48	10.7
456409		0.06	7.77	1.34	6.22	34.7	320	1.03	0.50	3.03	0.09	31.1	44.1	326	0.67	117.0
456410		2.52	0.633	0.29	0.62	1.8	40	0.45	0.05	6.20	0.42	5.23	9.7	4	0.63	81.9
456411		2.52	0.260	0.09	0.75	1.0	30	0.62	0.05	1.83	0.14	17.05	13.5	18	1.18	16.0
456412		2.42	0.004	0.04	0.58	3.7	10	0.62	0.02	0.98	0.07	13.70	7.7	17	0.70	6.5
456413		4.23	0.016	0.37	7.12	44.7	330	3.16	0.18	0.20	0.33	56.6	19.1	87	15.50	49.2
456414		4.41	0.016	0.29	8.79	1.8	450	2.17	0.26	0.24	1.81	60.9	16.1	84	9.19	65.6
456415		4.56	0.015	0.31	8.42	1.4	420	2.44	0.25	0.20	2.43	64.0	18.6	87	7.94	70.2
456416		0.22	0.003	0.01	0.11	0.3	20	0.06	0.01	33.8	0.02	1.27	0.7	2	0.10	2.0
456417		2.33	0.011	0.17	8.72	0.9	480	1.90	0.21	0.56	0.45	56.7	13.6	87	5.85	61.4
456418		4.70	0.002	0.15	6.84	59.0	210	0.70	0.01	4.82	0.26	18.70	38.9	129	1.97	102.5
456419		3.60	0.005	0.23	6.08	71.4	120	0.59	0.01	5.07	0.40	10.70	43.0	119	1.43	140.0
456420		2.92	0.005	0.08	8.22	0.7	510	2.10	0.12	0.75	0.22	57.2	13.8	85	4.99	82.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18158274

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456401		23.6	10.95	0.16	2.0	0.090	0.091	1.45	25.3	15.2	1.28	1550	18.95	0.05	7.0	134.5
456402		8.87	1.18	0.10	0.1	0.010	0.013	0.08	4.5	1.9	1.27	2050	3.12	0.01	2.1	14.7
456403		17.05	1.13	0.08	0.1	<0.005	<0.005	0.04	5.1	2.1	4.15	4610	0.63	0.01	1.0	5.4
456404		17.95	1.14	0.09	0.1	0.008	<0.005	0.05	5.3	1.9	3.14	4670	0.73	<0.01	1.3	4.9
456405		15.30	1.41	0.08	<0.1	0.013	0.021	0.08	2.8	2.9	3.09	4530	0.78	0.01	0.5	5.8
456406		24.6	1.43	0.09	0.2	0.008	0.013	0.06	7.7	2.0	3.60	7730	0.37	<0.01	1.5	4.1
456407		23.1	1.15	0.10	0.1	<0.005	0.009	0.06	8.4	2.1	3.51	7860	0.68	<0.01	1.6	3.5
456408		24.7	0.52	0.08	<0.1	<0.005	0.012	0.02	3.8	1.1	3.80	6790	0.33	<0.01	0.5	2.2
456409		5.69	15.55	0.08	2.4	0.163	0.045	1.07	15.8	15.0	4.10	760	6.14	1.22	16.8	258
456410		26.2	2.39	0.07	<0.1	0.014	0.051	0.19	2.8	4.3	3.61	6650	0.38	0.01	0.5	18.8
456411		26.5	3.03	0.08	0.6	<0.005	0.033	0.21	8.9	4.5	3.40	11100	0.73	<0.01	5.4	8.6
456412		24.4	2.18	0.06	0.5	<0.005	0.010	0.17	7.1	3.5	2.91	11750	0.75	<0.01	4.5	10.9
456413		11.40	20.1	0.14	2.0	0.013	0.054	4.30	28.8	50.4	1.35	796	4.60	0.03	13.2	55.3
456414		7.61	22.5	0.16	2.4	0.020	0.051	5.13	32.5	54.2	1.14	436	4.37	0.05	8.0	52.1
456415		8.82	21.8	0.15	2.5	0.028	0.057	4.85	33.6	47.8	1.20	469	3.84	0.05	11.6	58.3
456416		0.16	0.38	<0.05	0.1	<0.005	0.007	0.04	1.2	1.3	1.58	100	0.07	0.03	0.2	0.6
456417		6.50	23.2	0.13	2.5	0.018	0.052	4.53	29.3	48.3	1.41	331	4.43	0.06	7.5	45.4
456418		8.11	16.15	0.07	1.3	0.005	0.058	2.09	8.2	39.7	3.59	1020	1.12	0.53	3.3	91.9
456419		7.93	14.65	0.07	1.2	<0.005	0.066	1.56	4.5	39.1	3.78	1110	0.79	0.63	2.7	106.0
456420		6.76	22.2	0.11	1.9	<0.005	0.066	3.62	30.2	45.2	1.66	423	3.91	0.12	6.9	48.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18158274

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456401		430	58.5	43.7	0.016	>10.0	14.60	7.8	9	1.7	48.6	0.38	0.53	3.08	0.104	1.50
456402		160	4.8	2.5	0.002	2.12	1.35	0.7	1	0.2	26.9	0.10	0.11	0.29	0.015	0.11
456403		110	1.7	2.3	<0.002	0.31	0.54	0.4	<1	<0.2	80.9	0.06	<0.05	0.19	0.007	0.08
456404		160	1.5	2.9	<0.002	0.39	0.28	0.5	1	<0.2	67.0	0.08	0.05	0.20	0.013	0.10
456405		80	2.7	3.7	<0.002	1.51	0.19	0.9	1	<0.2	166.5	0.07	0.12	0.06	<0.005	0.13
456406		270	2.0	3.0	<0.002	1.18	0.20	0.4	1	<0.2	90.8	0.12	0.09	0.31	0.009	0.09
456407		790	1.6	3.0	<0.002	0.46	0.11	0.6	<1	<0.2	80.3	0.08	0.06	0.30	0.017	0.10
456408		230	1.1	1.0	<0.002	0.56	0.10	0.2	1	<0.2	56.2	<0.05	<0.05	0.06	<0.005	0.03
456409		1110	9.9	39.6	<0.002	0.09	0.83	21.0	1	1.0	285	0.97	0.22	2.37	0.685	0.21
456410		30	4.4	6.3	<0.002	4.87	0.19	1.5	4	0.2	253	<0.05	0.31	0.04	<0.005	0.16
456411		460	2.0	8.4	<0.002	1.24	0.21	2.1	1	0.2	49.7	0.30	0.11	0.95	0.078	0.23
456412		470	1.7	8.3	<0.002	0.45	0.32	1.9	1	0.2	25.8	0.28	<0.05	0.74	0.075	0.17
456413		380	18.1	196.0	0.009	3.50	3.12	12.4	2	1.4	20.9	0.86	0.10	7.78	0.300	2.61
456414		160	14.1	179.5	0.012	2.51	3.07	12.1	4	1.7	23.8	0.65	0.13	10.90	0.282	1.80
456415		210	16.2	175.5	0.011	2.93	2.95	12.2	3	1.6	20.8	0.84	0.14	10.60	0.305	1.73
456416		50	0.9	1.7	<0.002	0.02	0.10	0.2	<1	<0.2	81.7	<0.05	<0.05	0.17	0.007	0.02
456417		160	13.7	144.5	0.013	1.53	2.53	12.3	2	1.6	34.8	0.61	0.14	10.70	0.271	1.43
456418		270	4.4	64.3	0.004	0.19	0.34	34.0	<1	0.6	151.0	0.24	<0.05	2.41	0.423	0.69
456419		300	4.3	52.0	0.003	0.16	0.27	36.4	1	0.6	172.5	0.19	<0.05	0.94	0.524	0.54
456420		190	6.2	125.5	0.009	0.85	1.04	10.7	2	1.7	39.4	0.58	0.10	10.25	0.244	1.31

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 20- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18158274

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
456401		6.1	136	1.0	8.7	601	82.7	72.9	96.9
456402		1.5	19	0.2	3.1	34	7.7		96.8
456403		0.3	18	0.2	5.6	20	5.3		
456404		0.3	19	0.2	5.4	18	5.7		
456405		0.1	15	0.1	7.1	28	2.1		
456406		0.2	17	0.2	6.4	35	8.9		
456407		0.3	22	0.2	7.2	27	7.3		
456408		<0.1	7	0.1	4.6	23	2.3		
456409		0.6	147	9.1	14.7	86	104.0		
456410		<0.1	19	0.2	8.7	50	1.2		
456411		0.6	43	0.2	6.5	40	24.8		
456412		0.5	43	0.3	5.3	20	21.8		
456413		6.0	227	1.6	7.7	149	77.7		
456414		4.6	246	1.6	6.6	222	84.5		
456415		5.6	252	1.5	7.3	319	87.8		
456416		1.8	3	<0.1	2.2	4	2.3		
456417		4.8	248	1.5	6.2	161	85.9		
456418		1.4	280	0.8	5.1	142	49.3		
456419		0.5	294	0.6	4.5	139	42.8		
456420		4.4	234	1.4	6.1	184	70.3		

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18158274

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 20- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18158276

Projet: Kan

Bon de commande #: KANDH18- 018

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18158276

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
407841		4.76	0.025	0.59	9.47	83.4	130	2.07	0.19	0.21	3.44	62.6	28.6	160	4.03	147.5
407842		5.33	0.074	0.88	6.98	91.7	90	1.88	0.33	1.15	2.15	54.5	34.9	103	3.22	151.5
407843		4.80	0.040	1.19	6.07	57.6	70	2.01	0.47	0.43	2.29	57.7	39.8	78	3.09	293
407844		1.81	0.010	1.09	6.45	2.8	110	2.53	0.35	0.67	3.43	69.6	14.6	83	3.57	429
407845		3.48	0.005	0.06	0.13	12.7	10	0.28	0.01	3.82	0.07	7.66	4.4	8	0.09	18.5
407846		2.51	0.036	0.02	0.11	0.8	10	0.37	0.01	2.40	0.11	10.60	6.5	3	0.33	5.9
407847		2.55	2.20	0.55	0.14	2.0	10	0.37	0.02	2.52	0.11	14.60	10.0	5	0.23	15.1
407848		2.57	0.176	0.01	0.15	3.7	10	0.39	0.02	1.86	0.13	16.45	10.8	3	0.22	14.2
407849		0.06	7.86	1.28	6.13	35.8	310	0.93	0.52	3.01	0.09	30.9	39.5	319	0.66	116.5
407850		2.65	0.006	0.01	0.03	4.7	10	0.49	0.02	1.39	0.09	18.00	12.7	5	0.19	2.3
442251		2.68	0.038	0.01	0.02	1.2	10	0.28	0.02	1.18	0.04	24.2	9.8	1	0.06	5.4
442252		2.54	0.415	0.03	0.12	1.1	10	0.24	0.01	0.95	0.19	19.45	11.6	4	0.22	12.5
442253		3.18	0.138	0.01	0.08	0.6	10	0.30	0.01	1.32	0.10	16.25	6.1	3	0.23	3.1
442254		2.33	0.003	0.01	0.05	2.9	<10	0.45	0.02	1.13	0.02	7.81	7.0	5	0.64	1.5
442255		2.79	0.001	0.01	0.07	0.8	10	1.09	0.01	1.28	<0.02	8.37	6.4	3	1.67	1.8
442256		0.22	0.004	<0.01	0.05	<0.2	40	0.07	0.01	32.0	<0.02	1.51	0.6	2	0.06	2.1
442257		2.80	0.002	<0.01	0.15	0.6	10	1.06	0.01	1.68	<0.02	13.30	5.7	3	2.53	1.8
442258		2.90	0.001	0.01	0.05	1.0	10	0.48	0.02	1.25	<0.02	5.38	4.9	2	1.56	1.7
442259		2.51	0.001	<0.01	0.06	<0.2	10	0.98	0.01	1.07	<0.02	6.84	4.1	3	1.72	1.8
442260		2.61	<0.001	<0.01	0.03	1.2	10	0.98	0.01	1.13	<0.02	6.96	3.8	5	1.08	1.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 20- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18158276

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
407841		13.35	23.2	0.16	4.8	0.258	0.183	4.50	33.2	25.1	0.60	72	15.30	0.16	23.7	185.0
407842		16.15	19.70	0.16	4.5	0.267	0.140	3.42	27.2	23.0	0.94	408	16.90	0.12	18.9	152.5
407843		21.8	18.45	0.15	3.6	0.203	0.137	2.95	29.2	21.4	0.62	178	23.1	0.10	13.1	130.0
407844		26.1	18.60	0.16	3.9	0.197	0.166	3.09	37.4	22.4	0.77	324	22.5	0.10	12.8	162.0
407845		24.4	0.52	0.06	0.1	<0.005	0.005	0.03	4.5	2.2	4.20	9120	0.64	<0.01	1.5	7.2
407846		23.0	0.47	0.08	<0.1	<0.005	<0.005	0.01	6.7	1.4	3.74	8460	0.29	<0.01	0.6	2.5
407847		24.5	0.66	0.08	<0.1	0.046	0.007	0.02	9.6	2.1	3.89	8670	1.11	<0.01	0.6	7.9
407848		27.3	0.69	0.07	<0.1	<0.005	0.006	0.01	11.5	2.2	4.33	8710	0.41	<0.01	0.5	3.3
407849		5.61	16.45	0.07	2.6	0.171	0.052	1.05	15.9	14.4	4.08	753	6.45	1.20	18.6	254
407850		26.7	0.36	0.09	<0.1	<0.005	<0.005	0.01	13.7	0.8	4.03	8990	0.40	<0.01	0.4	1.5
442251		27.6	0.34	0.08	<0.1	<0.005	<0.005	<0.01	17.1	0.7	3.84	9290	0.20	<0.01	0.4	2.1
442252		28.5	0.68	0.07	<0.1	0.015	0.009	0.02	14.5	1.7	4.07	9450	0.36	<0.01	0.4	3.2
442253		26.6	0.49	0.07	<0.1	<0.005	0.005	0.01	11.1	1.1	3.65	11450	0.30	<0.01	0.4	1.6
442254		25.4	0.41	0.07	<0.1	<0.005	<0.005	0.01	5.7	0.6	3.42	14600	0.45	<0.01	0.7	1.4
442255		28.8	0.55	0.07	<0.1	<0.005	<0.005	0.03	6.2	0.5	3.98	16400	0.25	0.01	1.0	2.0
442256		0.98	0.24	<0.05	<0.1	<0.005	0.005	0.01	1.6	1.8	2.51	636	0.13	0.03	0.2	0.5
442257		28.9	0.87	0.07	0.1	<0.005	0.005	0.04	9.9	0.7	4.16	13300	0.17	0.01	2.1	2.2
442258		26.1	0.35	0.06	0.1	<0.005	<0.005	0.03	4.0	0.4	3.62	8720	0.15	0.01	0.9	1.2
442259		27.0	0.44	0.05	<0.1	<0.005	<0.005	0.03	5.1	0.4	3.46	10400	0.20	0.01	1.0	1.4
442260		25.5	0.36	0.05	<0.1	<0.005	<0.005	0.02	5.1	0.3	3.45	8050	0.41	0.01	0.5	1.2

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18158276

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
407841		670	47.6	101.0	0.019	>10.0	13.25	24.2	4	3.4	27.3	1.46	0.60	4.78	0.582	5.31
407842		450	63.7	70.3	0.024	>10.0	15.10	17.1	4	3.2	47.9	1.19	1.04	4.77	0.341	4.27
407843		240	70.4	70.0	0.034	>10.0	16.30	11.0	6	3.8	25.8	0.83	1.25	6.10	0.179	3.49
407844		200	67.4	77.0	0.031	>10.0	14.00	12.3	7	4.9	34.6	0.84	0.80	6.68	0.205	3.25
407845		100	1.4	0.7	<0.002	0.92	0.26	0.4	<1	<0.2	56.3	<0.05	0.10	0.18	0.009	0.03
407846		90	0.7	0.7	<0.002	0.27	0.09	0.1	1	<0.2	44.9	<0.05	<0.05	0.05	<0.005	0.03
407847		70	3.7	1.1	<0.002	0.49	0.14	0.2	<1	<0.2	39.3	<0.05	0.06	0.06	<0.005	0.03
407848		80	1.0	0.6	<0.002	0.14	0.10	0.2	<1	<0.2	39.2	<0.05	0.05	0.04	<0.005	<0.02
407849		1100	10.9	38.9	<0.002	0.08	0.77	21.9	1	1.0	281	1.05	0.25	2.42	0.677	0.19
407850		50	0.7	0.4	<0.002	0.02	0.12	0.1	<1	<0.2	24.2	<0.05	0.07	0.03	<0.005	<0.02
442251		50	0.5	0.3	<0.002	0.11	0.07	0.1	<1	<0.2	18.6	<0.05	<0.05	0.02	<0.005	<0.02
442252		30	1.5	0.9	<0.002	0.52	0.30	0.1	<1	<0.2	19.5	<0.05	0.06	0.03	<0.005	0.03
442253		60	0.5	0.5	<0.002	0.10	0.07	0.1	<1	<0.2	23.6	<0.05	0.05	0.03	<0.005	<0.02
442254		150	0.5	0.7	<0.002	0.02	0.08	0.1	<1	<0.2	13.5	<0.05	0.05	0.07	<0.005	<0.02
442255		150	0.6	1.5	<0.002	0.01	0.08	0.2	<1	<0.2	14.4	<0.05	<0.05	0.11	<0.005	<0.02
442256		70	0.6	0.3	<0.002	0.01	0.07	0.2	1	<0.2	78.8	<0.05	<0.05	0.07	<0.005	<0.02
442257		290	0.6	2.1	<0.002	0.01	0.11	0.3	<1	<0.2	21.5	0.07	<0.05	0.22	0.008	<0.02
442258		150	0.5	1.3	<0.002	0.01	0.20	0.1	<1	<0.2	14.4	<0.05	0.08	0.09	<0.005	<0.02
442259		270	<0.5	1.5	<0.002	0.01	0.08	0.1	<1	<0.2	13.2	<0.05	<0.05	0.10	0.005	<0.02
442260		140	<0.5	0.9	<0.002	0.01	0.08	0.1	<1	<0.2	11.9	<0.05	<0.05	0.04	<0.005	<0.02

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Projet: Kan

CERTIFICAT D'ANALYSE VO18158276

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
407841		25.7	242	2.1	15.0	1080	184.0	75.4	96.3
407842		19.9	203	1.6	12.9	669	180.0		96.1
407843		18.7	223	1.6	10.7	685	145.0		
407844		16.5	222	2.1	11.1	977	152.5		
407845		0.2	11	0.2	5.1	21	4.8		
407846		0.1	8	0.1	5.0	19	3.1		
407847		0.1	9	0.1	5.4	26	2.3		
407848		0.1	11	0.1	6.0	26	2.6		
407849		0.6	147	10.6	16.4	86	98.5		
407850		0.1	7	0.1	5.7	15	3.1		
442251		0.1	8	0.1	6.3	13	3.5		
442252		0.1	10	0.1	5.3	41	6.8		
442253		0.1	8	0.1	5.5	18	3.0		
442254		0.1	7	0.2	6.6	6	2.2		
442255		0.1	9	0.3	8.7	4	3.1		
442256		0.1	1	0.1	2.6	3	1.6		
442257		0.1	17	0.2	11.2	5	7.1		
442258		0.1	6	0.1	6.7	4	3.1		
442259		0.1	8	0.2	7.0	4	2.6		
442260		0.1	7	0.2	7.9	3	1.9		

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CERTIFICAT D'ANALYSE VO18158276

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 19- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18158278

Projet: Kan

Bon de commande #: KANDH18- 019

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- JUIN- 2018.

Les résultats sont transmis à:

GLENN ASCH LEE SCHOLL	SIMON HEBERT LIZ STOCK	SIMON HOULE CORPORATIF WEBTRIEVE

PRÉPARATION ÉCHANTILLONS

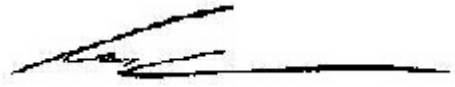
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
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CERTIFICAT D'ANALYSE VO18158278

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442261		2.61	<0.001	0.02	0.04	13.1	<10	0.74	0.02	1.29	<0.02	7.57	4.2	5	1.01	1.4
442262		2.75	<0.001	0.01	0.04	2.8	<10	0.88	0.01	1.11	<0.02	6.95	3.8	5	1.33	0.6
442263		3.05	<0.001	0.01	0.05	8.4	<10	1.31	0.01	1.24	<0.02	6.90	4.0	6	1.55	0.7
442264		2.82	<0.001	0.01	0.04	1.2	<10	1.60	0.01	1.33	<0.02	7.35	4.3	7	1.25	0.8
442265		2.76	<0.001	0.01	0.03	3.1	<10	1.05	0.01	1.10	<0.02	6.09	3.9	7	0.81	0.7
442266		2.81	0.074	0.02	0.05	1.5	<10	0.76	0.01	1.13	0.03	9.05	5.0	3	1.13	1.6
442267		2.64	0.315	0.02	0.11	45.4	10	0.41	0.01	1.12	0.10	11.25	5.1	4	2.81	4.2
442268		2.64	0.140	<0.01	0.04	9.1	20	0.35	0.01	0.93	0.08	9.74	4.7	6	1.12	2.8
442269		0.06	0.673	0.19	6.95	18.8	630	1.52	0.14	4.32	0.21	54.3	41.6	177	1.94	55.3
442270		2.41	0.508	<0.01	0.14	124.0	10	0.34	0.02	1.33	0.10	10.60	4.3	5	3.97	4.7
442271		2.64	5.35	2.12	0.33	15.4	20	0.69	0.03	1.85	0.14	9.52	6.2	5	10.30	16.8
442272		2.70	5.14	0.10	0.31	9.0	30	0.45	0.03	3.07	0.25	10.80	8.3	4	8.38	34.2
442273		2.68	0.213	<0.01	0.06	5.7	10	0.47	0.01	1.28	0.07	8.26	4.1	5	1.40	1.9
442274		2.65	0.894	<0.01	0.05	3.3	10	0.57	0.02	1.21	0.03	7.51	4.7	7	1.34	2.0
442275		2.93	0.147	<0.01	0.08	4.7	10	0.60	0.01	1.55	0.06	8.72	3.7	5	2.18	2.0
442276		0.23	0.004	<0.01	0.24	0.9	60	0.07	0.01	31.2	0.02	1.61	1.7	3	0.11	2.5
442277		3.10	0.053	<0.01	0.04	1.1	<10	0.37	0.01	0.97	0.05	5.54	3.0	7	0.93	2.0
442278		4.43	0.005	0.17	6.20	1.4	190	3.66	0.14	0.87	0.25	60.6	23.6	86	25.5	22.6
442279		4.90	0.007	0.33	7.17	5.8	340	3.35	0.21	0.25	0.14	77.6	24.6	99	18.55	41.4
442280		4.46	0.007	0.15	7.86	0.6	380	2.37	0.15	0.29	0.28	67.0	16.5	88	9.93	54.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18158278

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
442261		28.8	0.36	0.11	<0.1	0.006	0.021	0.02	5.7	0.3	3.86	7750	0.36	0.01	0.6	1.5
442262		27.3	0.42	0.11	<0.1	<0.005	0.014	0.02	5.0	0.2	3.61	8170	0.33	0.01	0.8	0.8
442263		27.1	0.44	0.10	<0.1	0.005	0.011	0.02	4.9	0.3	3.76	7300	0.37	0.01	0.7	0.9
442264		28.0	0.41	0.11	<0.1	<0.005	0.009	0.02	5.2	0.3	3.87	7770	0.50	0.01	0.8	0.9
442265		24.1	0.36	0.10	<0.1	<0.005	<0.005	0.01	4.2	0.3	3.24	8880	0.40	0.01	0.6	0.9
442266		26.7	0.47	0.11	<0.1	<0.005	<0.005	0.02	6.6	0.4	3.50	9580	0.23	0.01	1.0	0.9
442267		29.3	0.55	0.12	<0.1	0.005	0.005	0.04	8.0	0.4	3.73	4040	0.34	0.02	1.0	0.8
442268		27.5	0.28	0.11	<0.1	0.005	<0.005	0.02	6.8	0.3	3.51	2250	0.43	0.01	0.8	1.1
442269		7.19	20.4	0.12	3.6	0.022	0.063	0.87	24.7	14.7	2.84	915	1.74	1.68	19.4	130.5
442270		25.4	0.65	0.10	<0.1	0.009	0.005	0.06	7.4	0.4	3.19	2730	0.39	0.02	0.6	0.9
442271		28.8	1.31	0.11	<0.1	0.048	0.005	0.15	6.6	0.5	3.37	3110	0.38	0.06	0.7	1.2
442272		26.5	1.22	0.11	<0.1	0.017	0.005	0.12	7.2	0.6	3.18	4170	0.29	0.04	0.6	1.5
442273		25.9	0.39	0.10	<0.1	<0.005	<0.005	0.02	5.7	0.3	3.50	4630	0.34	0.01	0.4	0.8
442274		26.5	0.39	0.12	<0.1	<0.005	<0.005	0.02	5.4	0.3	3.33	7650	0.40	0.01	0.6	1.2
442275		27.4	0.55	0.11	<0.1	<0.005	<0.005	0.03	6.0	0.4	3.40	7400	0.38	0.01	1.0	0.9
442276		0.61	0.66	0.06	0.1	<0.005	0.009	0.04	1.6	2.7	3.00	272	0.12	0.09	0.2	1.7
442277		25.3	0.34	0.10	<0.1	<0.005	0.011	0.01	3.8	0.3	2.85	10750	0.42	<0.01	0.6	1.0
442278		14.55	21.4	0.15	1.9	<0.005	0.055	2.98	31.8	55.2	2.25	989	1.00	0.01	15.1	44.7
442279		10.35	23.3	0.17	2.5	0.014	0.061	4.22	40.3	47.1	1.28	488	1.53	0.03	19.5	59.5
442280		8.33	22.9	0.16	2.1	0.007	0.047	4.60	35.4	44.7	1.21	1410	2.14	0.03	9.1	37.1

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Projet: Kan

CERTIFICAT D'ANALYSE VO18158278

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
442261		210	0.9	0.9	<0.002	0.02	0.92	0.1	<1	<0.2	14.4	<0.05	0.05	0.06	<0.005	<0.02
442262		140	0.5	1.0	<0.002	0.01	0.52	0.1	<1	<0.2	11.2	<0.05	<0.05	0.06	<0.005	<0.02
442263		120	0.6	1.2	<0.002	0.01	0.78	0.1	<1	<0.2	13.7	<0.05	<0.05	0.06	<0.005	<0.02
442264		160	0.7	1.1	<0.002	0.01	0.59	0.1	<1	<0.2	14.5	<0.05	<0.05	0.07	<0.005	<0.02
442265		70	0.6	0.7	<0.002	<0.01	0.53	0.1	<1	<0.2	12.5	<0.05	<0.05	0.06	<0.005	<0.02
442266		220	0.5	1.2	<0.002	0.08	0.33	0.1	<1	<0.2	18.0	<0.05	<0.05	0.08	<0.005	<0.02
442267		100	<0.5	2.8	<0.002	0.33	0.35	0.2	1	<0.2	23.9	<0.05	0.08	0.07	<0.005	<0.02
442268		70	0.7	1.1	<0.002	0.21	1.07	0.1	<1	<0.2	17.9	<0.05	<0.05	0.05	<0.005	<0.02
442269		1160	14.9	40.5	<0.002	0.03	1.59	20.4	<1	1.7	350	1.25	0.06	5.87	0.894	0.19
442270		40	1.2	3.9	<0.002	0.38	0.54	0.2	<1	<0.2	37.8	<0.05	0.12	0.05	<0.005	<0.02
442271		50	1.4	10.0	<0.002	1.70	0.28	0.3	1	<0.2	57.3	0.05	0.09	0.06	<0.005	<0.02
442272		30	1.9	8.2	<0.002	2.82	0.32	0.4	2	<0.2	108.5	<0.05	0.13	0.07	<0.005	<0.02
442273		50	<0.5	1.4	<0.002	0.16	0.31	0.1	<1	<0.2	26.5	<0.05	<0.05	0.05	<0.005	<0.02
442274		110	1.0	1.4	<0.002	0.24	0.28	0.1	1	<0.2	20.2	<0.05	<0.05	0.08	<0.005	<0.02
442275		130	0.8	2.2	<0.002	0.19	0.32	0.1	1	<0.2	34.5	<0.05	<0.05	0.09	<0.005	<0.02
442276		80	<0.5	1.0	<0.002	0.01	0.16	1.0	1	<0.2	86.8	<0.05	<0.05	0.09	0.022	<0.02
442277		130	<0.5	1.0	<0.002	0.19	0.16	0.1	<1	<0.2	17.3	<0.05	<0.05	0.05	<0.005	<0.02
442278		270	8.0	219	0.003	1.68	1.13	12.7	1	1.4	53.1	0.94	0.07	8.18	0.266	2.84
442279		320	19.2	217	0.010	2.90	2.93	15.2	2	1.6	29.9	1.29	0.06	10.60	0.355	2.72
442280		640	8.5	193.0	0.005	1.42	1.63	12.3	2	1.5	28.5	0.73	0.07	10.90	0.272	1.89

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CERTIFICAT D'ANALYSE VO18158278

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
442261		0.1	8	0.3	8.7	2	2.2	73.6	92.7
442262		0.1	7	0.2	6.1	2	2.0		94.8
442263		0.1	9	0.2	7.0	3	2.6		
442264		0.1	9	0.2	7.6	3	2.1		
442265		0.1	8	0.2	8.0	3	2.6		
442266		0.1	9	0.2	8.9	5	2.3		
442267		0.1	11	0.2	6.9	22	3.8		
442268		0.1	8	0.3	6.1	15	3.4		
442269		1.2	143	2.1	19.7	125	144.5		
442270		<0.1	12	0.1	8.2	18	3.8		
442271		<0.1	16	0.1	7.5	25	2.9		
442272		0.1	13	0.1	8.3	25	3.2		
442273		0.1	9	0.2	5.5	15	2.5		
442274		0.1	8	0.2	6.3	6	2.0		
442275		<0.1	8	0.2	7.2	10	3.1		
442276		0.2	6	0.1	3.1	6	3.2		
442277		<0.1	5	0.2	4.4	9	1.2		
442278		4.1	176	1.0	7.1	105	73.7		
442279		7.3	247	2.2	8.9	140	96.0		
442280		3.0	132	1.8	7.6	174	76.9		

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CERTIFICAT D'ANALYSE VO18158278

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 21- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18159171

Projet: Kan

Bon de commande #: KANDH18- 016

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18159171

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
407801		2.42	<0.001	<0.01	0.13	1.5	10	0.33	0.01	1.40	0.03	6.95	4.0	8	1.82	1.2
407802		2.50	0.516	0.04	0.08	0.4	10	0.20	0.01	2.07	0.04	5.86	2.8	6	1.43	3.0
407803		2.96	1.070	0.03	0.14	0.9	10	0.22	0.02	1.38	0.07	4.09	4.4	5	3.99	6.3
407804		2.31	0.022	0.02	0.16	3.2	10	0.24	0.01	1.13	0.08	8.70	6.8	8	4.15	2.2
407805		2.86	0.464	0.03	0.19	1.6	10	0.29	0.01	1.46	0.09	7.55	4.5	3	5.79	4.0
407806		2.81	0.008	0.02	0.09	1.5	10	0.23	0.01	1.32	0.03	7.24	4.2	7	2.78	0.9
407807		2.55	1.535	0.10	0.25	6.2	10	0.32	0.03	1.66	0.07	8.36	7.3	6	5.30	8.9
407808		2.38	0.116	0.01	0.12	7.9	10	0.30	0.01	1.27	0.03	6.82	7.3	5	2.95	2.0
407809		0.07	0.658	0.20	7.32	22.1	350	1.49	0.14	4.52	0.19	53.1	44.5	185	1.94	55.8
407810		2.52	1.520	0.05	0.13	1.2	10	0.57	0.06	1.60	0.06	6.65	5.2	1	4.21	6.0
407811		2.25	0.018	0.01	0.03	0.3	<10	0.24	0.01	1.45	0.05	7.40	3.5	3	0.84	1.5
407812		2.42	2.32	4.21	0.19	0.6	10	0.22	0.03	2.32	0.15	4.94	5.2	2	6.08	15.3
407813		2.85	0.498	0.03	0.09	0.4	10	0.32	0.01	1.70	0.12	4.88	3.7	1	2.82	3.8
407814		2.49	0.327	0.01	0.20	0.3	10	0.22	0.01	2.06	0.13	4.17	3.2	3	6.73	5.8
407815		2.70	0.781	0.02	0.15	26.3	10	0.31	0.03	1.24	0.07	5.78	3.8	6	3.63	5.3
407816		0.23	0.002	0.01	0.06	0.9	600	0.09	0.01	18.70	0.04	1.59	0.5	1	0.42	1.8
407817		2.84	0.001	0.01	0.69	2.8	<10	0.48	0.02	1.18	0.02	13.30	7.7	22	0.67	7.5
407818		2.57	<0.001	0.03	0.96	29.3	10	0.75	0.03	1.54	0.14	22.0	8.2	20	2.94	8.5
407819		2.65	0.002	0.09	2.84	19.3	110	2.65	0.05	1.00	0.17	30.2	10.7	47	9.16	15.7
407820		2.93	0.024	0.15	1.18	18.5	<10	0.42	0.05	1.76	0.17	22.1	10.0	25	0.21	9.8

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CERTIFICAT D'ANALYSE VO18159171

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
407801		24.3	0.53	<0.05	0.1	<0.005	<0.005	0.03	4.2	0.4	3.42	8570	0.14	0.01	1.4	2.4
407802		24.1	0.37	<0.05	0.1	0.041	<0.005	0.03	3.4	0.3	3.53	5780	0.28	0.01	0.7	1.7
407803		25.7	0.60	<0.05	0.1	<0.005	0.006	0.06	2.5	0.3	3.75	6410	0.09	0.03	1.1	1.7
407804		29.6	0.65	<0.05	0.1	<0.005	0.006	0.06	5.5	0.3	4.20	7870	0.15	0.03	1.4	3.0
407805		28.3	0.70	<0.05	0.1	<0.005	0.005	0.08	5.4	0.3	4.25	7570	0.07	0.04	1.4	1.3
407806		30.1	0.39	<0.05	<0.1	<0.005	<0.005	0.04	5.0	0.2	4.33	7330	0.09	0.02	1.4	1.2
407807		26.1	1.01	<0.05	0.1	0.032	<0.005	0.08	5.2	0.5	3.91	7360	0.10	0.03	2.3	3.5
407808		25.1	0.56	<0.05	0.1	0.007	0.005	0.04	4.7	0.3	3.60	8370	0.12	0.02	1.3	3.0
407809		7.44	19.70	0.06	3.8	0.020	0.070	0.90	23.5	11.8	2.96	970	1.84	1.75	21.0	143.0
407810		30.9	0.55	<0.05	<0.1	0.006	<0.005	0.06	4.8	0.3	4.24	8570	0.07	0.03	0.8	1.6
407811		25.7	0.21	<0.05	<0.1	<0.005	<0.005	0.01	4.9	0.3	3.88	6690	0.09	0.01	0.7	1.2
407812		29.0	0.62	<0.05	<0.1	0.035	0.006	0.09	3.3	0.3	4.24	7620	0.06	0.04	0.3	2.1
407813		32.2	0.35	<0.05	<0.1	0.011	0.005	0.04	3.4	0.3	4.93	7290	0.05	0.02	0.5	0.9
407814		27.6	0.67	<0.05	<0.1	0.005	0.006	0.09	2.8	0.4	4.28	6300	0.06	0.04	0.4	0.9
407815		23.6	0.57	<0.05	0.1	0.007	0.005	0.05	3.7	0.3	3.39	7070	0.12	0.02	0.8	2.5
407816		0.21	0.24	0.08	0.1	<0.005	<0.005	0.04	0.9	10.1	12.30	319	0.06	0.04	0.2	0.6
407817		20.8	2.48	<0.05	0.5	<0.005	0.013	0.01	6.7	1.3	2.46	12650	0.33	0.01	4.6	10.0
407818		25.7	2.61	<0.05	0.8	<0.005	0.020	0.19	10.6	5.1	2.90	16850	1.01	<0.01	6.9	11.2
407819		17.70	9.03	0.05	1.0	<0.005	0.030	1.29	15.5	16.2	2.30	7850	1.34	0.01	7.7	22.9
407820		24.2	4.48	<0.05	0.7	<0.005	0.021	0.02	10.9	6.0	3.16	14250	0.72	<0.01	6.1	11.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 21- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18159171

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
407801		230	0.7	1.3	<0.002	0.06	0.11	0.3	<1	<0.2	24.6	0.06	<0.05	0.18	0.013	<0.02
407802		190	0.9	1.0	<0.002	0.23	0.09	0.2	<1	<0.2	36.5	<0.05	<0.05	0.16	0.006	<0.02
407803		100	0.8	2.6	<0.002	0.48	0.11	0.2	<1	<0.2	26.9	0.05	<0.05	0.14	0.011	<0.02
407804		280	0.6	2.7	<0.002	0.15	0.10	0.3	<1	<0.2	21.5	0.05	<0.05	0.18	0.010	<0.02
407805		250	0.9	3.6	<0.002	0.28	0.07	0.2	<1	<0.2	33.7	<0.05	<0.05	0.13	0.007	<0.02
407806		200	0.6	1.8	<0.002	0.05	0.09	0.2	<1	<0.2	24.2	<0.05	<0.05	0.10	0.006	<0.02
407807		200	1.5	3.7	<0.002	0.69	0.11	0.3	1	<0.2	39.6	0.08	0.11	0.30	0.017	0.02
407808		270	0.7	1.9	<0.002	0.14	0.11	0.3	<1	<0.2	22.4	0.05	<0.05	0.15	0.010	<0.02
407809		1170	14.7	42.1	<0.002	0.02	1.03	21.4	<1	1.7	353	1.17	0.06	4.98	0.917	0.19
407810		320	1.2	2.8	<0.002	0.56	0.07	0.1	1	<0.2	34.0	<0.05	0.19	0.09	<0.005	<0.02
407811		70	0.6	0.6	<0.002	0.09	0.05	0.1	<1	<0.2	25.7	<0.05	<0.05	0.06	<0.005	<0.02
407812		80	1.5	4.0	<0.002	1.15	0.08	0.2	1	<0.2	60.9	<0.05	0.06	0.08	<0.005	<0.02
407813		170	0.9	1.9	<0.002	0.28	0.07	0.1	1	<0.2	36.9	<0.05	<0.05	0.05	<0.005	<0.02
407814		170	1.2	4.3	<0.002	0.43	0.08	0.2	1	<0.2	50.6	<0.05	<0.05	0.04	<0.005	<0.02
407815		180	0.8	2.5	<0.002	0.40	0.16	0.2	<1	<0.2	25.3	0.05	<0.05	0.11	0.007	<0.02
407816		40	2.4	1.0	<0.002	0.02	0.13	0.1	1	<0.2	153.5	<0.05	<0.05	0.12	0.006	0.06
407817		360	1.1	0.6	<0.002	0.18	0.16	1.9	<1	<0.2	19.8	0.29	<0.05	0.77	0.083	<0.02
407818		600	1.6	18.6	<0.002	0.25	0.20	2.5	<1	0.4	39.6	0.45	0.05	1.32	0.114	0.44
407819		380	4.8	85.5	0.004	1.13	0.45	5.4	1	0.6	32.4	0.46	0.05	3.11	0.150	1.39
407820		570	2.0	1.1	<0.002	0.60	0.24	2.9	1	<0.2	43.7	0.37	0.06	1.34	0.108	0.03

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plus les pages d'annexe
Finalisée date: 21- JUIL- 2018
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CERTIFICAT D'ANALYSE VO18159171

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
407801		0.1	11	0.1	4.3	10	5.1
407802		0.1	8	0.2	4.1	10	3.7
407803		0.1	8	0.2	3.4	23	3.5
407804		0.1	11	0.2	5.1	24	5.0
407805		0.1	11	0.3	4.5	24	3.3
407806		0.1	10	0.2	4.1	9	2.8
407807		0.2	12	0.5	4.8	21	6.6
407808		0.2	9	0.3	4.5	11	4.2
407809		1.1	148	1.9	21.0	137	151.5
407810		0.1	8	0.2	5.4	13	3.2
407811		0.1	7	0.3	4.1	12	2.1
407812		0.1	7	0.2	4.7	29	2.3
407813		<0.1	6	0.2	4.8	28	2.2
407814		<0.1	8	0.1	4.8	28	3.0
407815		0.1	9	0.3	3.9	15	4.0
407816		0.2	2	0.2	0.7	12	2.1
407817		0.5	46	0.3	5.9	12	22.2
407818		0.6	61	0.6	6.5	23	35.1
407819		2.0	101	0.8	5.5	68	40.8
407820		0.9	63	0.3	6.4	45	31.6

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CERTIFICAT D'ANALYSE VO18159171

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18159173

Projet: Kan

Bon de commande #: KANDH18- 015

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18159173

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
407781		4.60	0.011	0.38	9.61	25.4	230	1.68	0.17	1.16	1.46	95.4	17.6	113	4.56	108.0
407782		4.87	0.018	0.40	8.88	42.7	220	1.38	0.24	1.16	2.29	59.1	23.1	104	3.84	81.9
407783		3.59	0.024	0.39	8.93	45.5	250	1.64	0.19	0.39	1.35	45.6	24.1	104	4.00	130.5
407784		3.12	0.034	0.54	8.84	51.0	280	1.92	0.24	0.33	0.97	48.0	23.3	106	4.18	111.0
407785		3.40	0.169	1.55	4.11	196.0	90	1.31	0.78	0.37	5.69	40.6	45.7	81	1.84	104.5
407786		4.24	0.125	1.23	4.29	158.0	80	1.52	0.57	0.29	2.76	42.2	68.0	84	1.77	157.0
407787		3.66	0.002	0.17	0.33	1.5	10	0.27	0.01	6.69	0.11	10.45	3.2	12	0.08	108.5
407788		2.26	<0.001	0.03	0.06	22.5	<10	0.16	0.01	1.97	0.02	4.67	1.4	11	<0.05	6.6
407789		0.06	7.73	1.29	6.08	35.3	310	0.87	0.47	2.99	0.09	30.2	41.9	326	0.67	114.5
407790		2.48	0.002	0.19	0.24	204	<10	0.18	0.02	6.66	0.05	9.72	4.0	13	<0.05	80.7
407791		2.64	0.001	0.08	0.12	210	<10	0.23	0.01	4.41	0.05	6.74	1.9	6	<0.05	18.1
407792		2.53	0.004	0.12	0.17	20.8	10	0.31	0.04	4.09	0.05	9.27	3.3	6	0.13	62.1
407793		2.81	0.002	0.05	0.16	10.3	10	0.31	0.03	1.87	0.06	11.05	3.3	5	1.23	14.2
407794		2.53	0.003	0.02	0.13	8.3	<10	0.43	0.02	1.63	0.03	9.71	3.8	6	1.34	6.5
407795		2.57	0.007	0.01	0.23	7.2	10	0.49	0.02	1.59	0.02	11.65	3.5	9	2.61	2.2
407796		0.30	<0.001	0.01	0.06	3.5	110	<0.05	0.01	19.10	0.05	1.70	0.5	1	0.49	2.0
407797		2.75	0.011	0.01	0.21	8.6	10	0.44	0.02	3.24	0.03	10.40	4.2	7	2.48	2.4
407798		1.73	0.239	0.02	0.16	11.3	10	0.27	0.02	3.10	0.05	11.60	5.7	6	3.06	2.9
407799		3.69	0.078	0.01	0.09	1.6	<10	0.19	0.01	2.01	0.07	5.09	2.9	5	1.33	5.1
407800		2.55	0.033	<0.01	0.06	0.7	<10	0.23	0.01	1.35	0.06	4.50	3.1	6	1.19	2.0

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CERTIFICAT D'ANALYSE VO18159173

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
407781		7.30	28.0	0.17	9.8	0.057	0.131	4.45	48.6	23.4	1.02	245	10.30	0.24	38.6	97.9
407782		7.71	22.0	0.15	4.5	0.115	0.156	4.00	32.4	18.1	0.85	253	10.50	0.24	15.6	123.0
407783		10.65	22.1	0.14	3.7	0.089	0.109	3.96	24.4	19.9	0.65	153	9.19	0.24	9.0	105.0
407784		10.75	22.6	0.14	3.8	0.147	0.117	4.23	25.6	23.0	0.65	218	10.50	0.19	12.0	91.3
407785		22.1	13.05	0.16	1.7	0.705	0.258	1.74	21.7	17.4	0.58	405	18.55	0.08	6.8	101.5
407786		24.0	14.00	0.18	1.9	0.336	0.156	1.67	22.4	19.1	0.72	486	13.10	0.08	5.7	92.7
407787		14.20	2.40	0.07	0.2	0.010	0.021	0.06	6.1	4.3	3.70	4130	2.78	0.02	1.6	25.4
407788		10.15	0.49	<0.05	<0.1	0.009	<0.005	0.01	2.8	1.2	1.75	2970	0.27	0.01	0.5	3.4
407789		5.52	15.10	0.07	2.4	0.159	0.046	1.04	15.1	13.2	4.01	737	5.86	1.18	16.6	249
407790		13.65	2.82	0.05	0.2	0.007	0.016	0.02	5.7	4.3	3.82	4530	0.49	0.03	1.9	19.9
407791		18.40	1.28	0.06	0.1	0.007	0.007	<0.01	4.0	2.8	4.07	4860	0.14	<0.01	0.4	4.2
407792		21.7	1.23	0.07	0.1	<0.005	<0.005	0.02	5.4	2.8	3.43	4720	0.70	<0.01	1.3	19.3
407793		23.3	1.11	0.09	0.2	<0.005	0.005	0.03	6.4	0.6	3.05	6280	1.41	0.01	2.0	13.4
407794		23.9	0.61	0.08	0.1	<0.005	<0.005	0.02	5.6	0.4	3.10	6850	0.58	0.01	1.0	4.2
407795		22.8	0.99	0.08	0.1	<0.005	0.006	0.04	7.6	0.4	2.91	8270	0.43	0.02	1.6	2.8
407796		0.18	0.28	0.25	<0.1	<0.005	<0.005	0.03	0.9	7.1	12.80	341	0.16	0.02	0.2	0.9
407797		22.4	0.89	0.07	0.1	<0.005	0.006	0.04	6.5	0.5	3.42	8100	0.36	0.02	1.6	3.1
407798		23.2	0.75	0.07	0.1	0.005	0.005	0.04	6.8	0.3	3.49	9220	0.27	0.02	1.5	3.8
407799		21.5	0.38	0.07	<0.1	<0.005	<0.005	0.02	3.2	0.4	3.31	6090	0.08	0.01	0.4	1.0
407800		23.7	0.30	0.07	0.1	0.006	<0.005	0.02	2.7	0.2	3.46	7360	0.09	0.01	0.5	1.2

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CERTIFICAT D'ANALYSE VO18159173

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
407781		390	14.7	89.2	0.013	4.51	4.15	19.9	3	3.7	54.2	2.48	0.21	9.30	0.401	4.43
407782		460	26.1	84.0	0.014	5.79	6.41	25.5	2	2.3	53.9	0.93	0.35	4.56	0.420	4.12
407783		240	26.9	83.7	0.009	7.97	6.43	19.8	3	2.1	42.6	0.56	0.38	4.03	0.326	4.26
407784		250	35.8	89.5	0.014	8.41	8.42	17.1	3	2.7	31.5	0.67	0.68	4.33	0.359	4.53
407785		210	103.5	47.2	0.019	>10.0	19.55	8.2	9	5.0	22.1	0.45	3.18	3.67	0.142	2.82
407786		270	77.0	44.8	0.015	>10.0	14.90	8.4	9	4.4	19.9	0.36	2.90	3.68	0.130	2.39
407787		140	3.7	1.5	0.003	3.25	0.47	0.8	2	<0.2	94.0	0.10	0.18	0.42	0.015	<0.02
407788		120	1.3	0.2	<0.002	0.48	0.24	0.2	1	<0.2	21.6	<0.05	<0.05	0.08	<0.005	<0.02
407789		1070	9.4	38.5	<0.002	0.09	0.77	20.7	1	1.0	278	0.95	0.26	2.36	0.680	0.12
407790		150	4.2	0.5	<0.002	3.26	0.68	0.6	1	<0.2	67.0	0.09	0.32	0.29	0.008	<0.02
407791		180	1.6	0.2	<0.002	1.13	0.35	0.2	<1	<0.2	39.8	<0.05	0.15	0.11	<0.005	<0.02
407792		150	2.4	0.8	<0.002	2.17	0.18	0.4	1	<0.2	49.2	0.06	0.07	0.24	0.006	<0.02
407793		260	8.4	1.2	0.002	0.53	0.17	0.3	1	<0.2	30.0	0.12	<0.05	0.26	0.008	0.02
407794		290	2.1	1.0	<0.002	0.54	0.10	0.3	1	<0.2	25.8	0.05	<0.05	0.15	0.008	<0.02
407795		360	1.1	1.8	<0.002	0.18	0.15	0.6	1	<0.2	24.8	0.07	<0.05	0.24	0.015	<0.02
407796		30	2.9	1.2	<0.002	0.01	0.09	0.1	1	<0.2	175.0	<0.05	<0.05	0.09	<0.005	0.07
407797		200	1.4	1.6	<0.002	0.22	0.13	0.5	1	<0.2	43.9	0.07	<0.05	0.27	0.014	<0.02
407798		490	1.0	1.9	<0.002	0.22	0.12	0.5	1	<0.2	50.6	0.07	<0.05	0.28	0.020	<0.02
407799		140	0.9	1.1	<0.002	0.28	0.06	0.1	1	<0.2	39.8	<0.05	<0.05	0.08	<0.005	0.02
407800		130	0.6	0.8	<0.002	0.13	0.07	0.1	<1	<0.2	26.2	<0.05	<0.05	0.08	<0.005	<0.02

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À: MINIÈRE OSISKO INC.
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Finalisée date: 27- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18159173

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
407781		12.1	166	1.4	18.6	427	369
407782		16.3	180	1.3	12.6	715	179.5
407783		12.0	166	1.3	9.3	390	142.0
407784		11.5	170	1.7	9.9	291	143.0
407785		6.6	104	1.0	6.7	1740	70.5
407786		6.0	108	1.0	7.3	908	75.4
407787		0.9	24	0.1	4.1	57	10.3
407788		0.1	7	0.1	2.2	12	2.0
407789		0.6	142	8.9	14.6	84	98.0
407790		0.4	26	0.1	4.2	24	7.5
407791		0.2	12	0.1	4.2	18	3.4
407792		0.3	20	0.1	4.4	9	5.5
407793		0.2	15	0.2	5.1	20	7.0
407794		0.2	16	0.1	5.1	9	3.4
407795		0.3	24	0.1	7.2	7	6.3
407796		0.2	2	0.2	0.8	12	1.1
407797		0.3	21	0.2	5.6	8	6.1
407798		0.3	13	0.2	5.4	14	6.1
407799		<0.1	5	0.1	3.5	16	2.4
407800		0.1	5	0.1	3.6	15	3.7

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CERTIFICAT D'ANALYSE VO18159173

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 20- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18159190

Projet: Kan

Bon de commande #: KANDH18- 003

Ce rapport s'applique aux 19 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

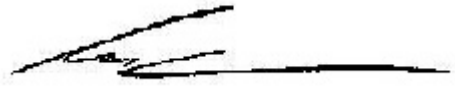
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18159190

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
458242		4.01	0.012	0.54	7.59	43.4	170	1.12	0.21	2.35	3.15	81.2	22.8	102	3.96	304
458243		3.24	0.028	1.09	7.64	103.0	160	1.52	0.20	1.07	5.75	66.1	24.1	78	6.34	251
458244		2.99	0.034	1.42	6.82	125.5	120	1.26	0.27	2.49	5.68	62.8	20.1	74	5.52	190.5
458245		3.88	0.021	1.06	9.11	53.0	240	1.54	0.26	1.38	2.65	71.0	22.9	96	5.96	213
458246		4.24	0.011	0.80	9.54	36.0	220	1.44	0.25	1.09	2.79	80.7	23.1	105	5.51	134.5
458247		4.22	0.012	0.61	8.88	37.7	210	1.42	0.21	0.62	2.36	73.7	28.3	112	4.87	116.0
458248		4.47	0.035	1.08	7.49	76.8	110	1.16	0.22	0.82	2.69	56.4	24.3	106	3.40	152.5
458249		0.06	7.74	1.27	5.90	33.9	300	0.90	0.49	2.85	0.05	29.9	40.6	312	0.63	107.5
458250		4.03	0.037	1.02	6.70	92.7	80	1.09	0.19	1.01	2.86	57.3	22.8	80	3.16	174.5
458251		4.32	0.023	0.42	8.71	53.8	230	1.45	0.15	1.18	2.60	72.8	26.5	105	3.95	97.0
458252		4.79	0.083	1.09	6.68	131.5	80	1.23	0.34	0.42	2.62	51.3	29.7	87	3.12	150.0
458253		5.65	0.069	0.86	7.54	88.7	120	1.55	0.23	0.69	3.32	56.0	29.4	112	3.49	177.5
458254		4.88	0.122	1.22	5.35	119.0	60	1.47	0.37	0.89	3.34	70.9	32.2	68	2.47	173.0
458255		2.65	0.024	0.84	2.98	11.6	90	0.90	0.27	2.82	2.79	35.9	20.2	50	1.08	269
458256		0.22	0.001	0.01	0.06	<0.2	20	<0.05	0.01	34.3	0.02	1.15	0.5	2	<0.05	1.8
458257		2.70	0.027	1.22	2.76	12.1	100	1.12	0.58	2.01	1.76	32.7	33.7	51	1.04	332
458258		1.84	0.019	1.02	3.82	9.3	40	2.02	0.55	1.22	3.53	80.6	121.5	43	1.45	246
458259		0.06	0.681	0.21	7.39	20.7	330	1.51	0.14	4.52	0.21	52.3	45.5	186	1.96	57.5
458260		1.78	0.003	0.09	0.31	1.8	<10	0.21	0.03	9.01	0.09	14.20	3.6	8	<0.05	16.4

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 20- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18159190

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
458242		10.95	21.3	0.21	4.1	0.293	0.130	3.14	46.5	19.7	1.44	358	12.85	0.27	15.4	178.0
458243		10.30	22.5	0.21	4.1	0.445	0.074	3.40	39.2	19.4	0.82	261	21.1	0.22	15.0	157.0
458244		11.80	19.60	0.18	2.9	0.461	0.092	3.05	37.5	17.0	1.39	425	21.0	0.21	10.3	142.0
458245		10.55	26.6	0.18	4.4	0.238	0.110	4.04	40.1	21.6	1.00	232	11.75	0.29	10.6	126.0
458246		9.02	28.6	0.19	5.3	0.189	0.134	4.21	45.6	23.4	0.97	194	11.20	0.27	15.6	104.0
458247		9.11	26.7	0.18	5.7	0.170	0.127	4.06	41.1	20.4	0.70	123	10.45	0.21	17.0	109.5
458248		12.95	19.35	0.21	3.8	0.307	0.148	3.36	30.9	19.6	0.76	192	13.65	0.16	10.5	171.5
458249		5.37	14.80	0.11	2.3	0.167	0.046	1.01	14.3	14.7	3.84	715	6.17	1.15	15.7	241
458250		14.55	18.25	0.27	4.1	0.303	0.131	2.93	31.5	18.6	0.79	230	15.05	0.14	12.3	174.0
458251		7.97	22.4	0.22	4.9	0.252	0.157	3.93	40.7	21.1	0.97	259	11.85	0.18	16.8	120.5
458252		15.50	19.40	0.23	4.1	0.407	0.158	3.10	25.9	19.9	0.60	156	16.70	0.13	11.6	160.0
458253		15.00	20.5	0.26	3.7	0.370	0.186	3.49	29.9	25.4	0.82	265	14.15	0.13	9.0	163.0
458254		19.95	17.55	0.26	4.3	0.419	0.137	2.36	36.8	24.4	0.95	417	18.50	0.09	14.0	148.0
458255		23.4	9.51	0.22	1.3	0.154	0.084	0.98	19.9	24.6	2.18	2330	10.20	0.04	3.6	130.0
458256		0.22	0.24	0.08	<0.1	<0.005	0.008	0.01	1.3	0.9	1.93	166	0.12	0.03	0.2	0.4
458257		29.8	9.29	0.23	1.5	0.110	0.064	1.04	18.1	19.7	1.40	1740	11.55	0.04	2.3	179.5
458258		24.8	13.10	0.25	3.6	0.158	0.093	1.67	42.1	17.9	0.85	461	20.2	0.06	12.4	136.5
458259		7.45	19.70	0.14	3.7	0.024	0.062	0.88	23.6	14.4	2.96	945	1.95	1.73	20.5	147.5
458260		15.80	1.93	0.12	0.2	0.012	0.010	0.02	8.1	8.2	4.19	5080	1.66	0.01	2.3	6.4

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Projet: Kan

CERTIFICAT D'ANALYSE VO18159190

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
458242		530	25.4	69.7	0.014	7.48	4.37	23.7	9	1.8	60.2	0.94	0.29	6.94	0.291	3.99
458243		300	37.8	88.8	0.026	9.28	8.88	14.8	14	2.2	41.5	1.11	0.32	6.58	0.252	7.02
458244		250	43.1	76.7	0.028	>10.0	11.10	14.5	10	1.7	58.3	0.63	0.48	5.46	0.213	6.11
458245		250	29.4	85.7	0.015	7.82	6.73	22.7	4	2.1	64.4	0.70	0.43	5.94	0.287	6.25
458246		310	21.5	90.3	0.015	5.98	5.33	24.2	2	2.5	59.8	1.11	0.29	7.11	0.361	5.75
458247		310	19.5	89.8	0.013	6.12	4.70	20.6	2	2.7	38.3	1.13	0.22	7.08	0.331	5.25
458248		440	44.2	75.2	0.022	>10.0	10.90	18.9	3	2.2	38.3	0.64	0.36	4.66	0.278	3.96
458249		1050	9.6	36.7	0.002	0.08	0.81	19.6	1	1.0	268	0.92	0.22	2.30	0.641	0.19
458250		320	41.8	68.3	0.019	>10.0	10.55	15.8	5	2.1	38.2	0.80	0.36	4.88	0.217	3.68
458251		480	24.9	89.8	0.015	6.16	6.46	24.1	2	2.6	37.7	0.98	0.26	5.96	0.363	4.27
458252		350	62.9	68.5	0.023	>10.0	16.50	14.3	5	3.0	28.2	0.76	0.90	4.94	0.218	4.04
458253		450	53.8	82.9	0.018	>10.0	13.70	18.7	4	3.3	36.3	0.51	0.86	4.63	0.254	4.08
458254		220	77.9	58.4	0.030	>10.0	19.10	10.0	6	3.6	32.2	0.92	1.78	6.57	0.144	3.37
458255		360	32.5	25.6	0.008	>10.0	9.24	7.1	7	1.8	90.5	0.20	1.01	2.42	0.075	1.04
458256		60	0.7	0.3	<0.002	0.04	0.14	0.2	<1	<0.2	79.2	<0.05	<0.05	0.07	0.005	<0.02
458257		240	45.8	29.0	0.011	>10.0	10.25	7.7	10	1.7	50.9	0.13	2.50	2.35	0.054	1.03
458258		740	38.2	48.1	0.028	>10.0	8.05	9.2	12	3.3	32.2	0.66	1.93	5.26	0.128	1.59
458259		1160	14.6	42.9	<0.002	0.03	1.04	20.8	<1	1.7	356	1.18	<0.05	5.09	0.909	0.20
458260		200	2.4	0.5	0.002	1.26	0.30	0.9	1	<0.2	117.0	0.09	0.09	0.32	0.013	0.02

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CERTIFICAT D'ANALYSE VO18159190

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
458242		11.8	184	1.1	14.9	683	161.5	85.5	95.9
458243		14.4	277	1.8	15.3	763	150.0		92.2
458244		15.0	262	1.7	11.9	907	111.0		
458245		13.5	186	1.5	13.0	518	160.5		
458246		13.4	181	1.2	14.8	656	194.5		
458247		12.5	156	1.1	15.9	586	209		
458248		17.9	189	0.9	13.0	835	150.5		
458249		0.6	138	8.5	13.9	81	95.7		
458250		14.9	187	0.8	13.3	823	162.5		
458251		13.9	172	1.1	14.5	846	195.5		
458252		15.8	196	1.0	12.0	821	161.5	71.8	
458253		15.4	192	1.3	12.9	938	147.0		
458254		11.3	174	1.2	13.2	813	170.5		
458255		4.0	84	0.6	7.7	594	54.7		
458256		0.1	1	<0.1	2.3	5	1.6		
458257		4.4	82	0.7	6.2	324	65.1		
458258		11.8	150	1.5	11.9	601	160.5		
458259		1.2	148	1.8	21.0	132	150.0		
458260		0.8	24	0.1	6.2	31	9.5		

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18159190

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 21-JUIL-2018
Compte: MINVIR

CERTIFICAT VO18159198

Projet: Kan

Bon de commande #: KANDH18-017

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3-JUIL-2018.

Les résultats sont transmis à:

GLENN ASCH AUDREY ROUSSEL-LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE LIZ STOCK

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

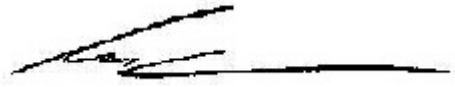
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 21-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18159198

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
407821		1.96	0.012	0.17	6.64	18.2	260	3.46	0.17	0.09	0.06	55.4	22.2	93	2.55	32.5
407822		2.48	0.010	0.18	7.15	23.1	280	3.24	0.17	0.27	0.11	72.8	23.3	100	3.15	42.5
407823		4.05	0.133	2.25	4.78	180.0	50	1.14	0.61	2.16	9.45	47.1	27.7	70	3.27	143.0
407824		4.57	0.075	1.47	4.20	137.5	50	1.28	0.66	2.70	15.05	43.6	35.6	86	3.01	195.5
407825		2.14	0.007	0.21	1.15	7.7	40	0.26	0.01	0.38	10.85	10.30	8.4	27	0.69	177.5
407826		4.31	0.025	0.89	6.00	24.4	100	1.79	0.29	1.48	5.73	56.2	17.5	75	3.54	323
407827		4.55	0.012	1.16	4.35	12.5	70	1.97	0.25	0.87	2.91	47.7	9.4	85	1.92	368
407828		4.44	0.040	1.06	3.97	81.5	40	2.05	0.54	0.56	4.48	48.4	56.3	76	1.80	250
407829		0.06	2.53	0.45	6.99	12.8	330	1.56	0.18	4.97	0.10	48.8	53.1	330	0.71	85.0
407830		5.18	0.071	1.55	5.01	132.5	50	2.41	0.83	0.16	4.23	35.0	58.3	103	2.55	167.0
407831		5.12	0.057	1.41	4.29	127.5	30	1.62	0.51	0.91	4.31	51.9	37.5	72	1.92	197.0
407832		4.63	0.047	1.20	5.30	144.0	50	1.48	0.28	1.95	1.85	103.0	21.8	46	2.56	122.5
407833		4.79	0.037	1.05	5.77	113.5	70	1.73	0.25	1.02	2.07	76.4	22.6	76	2.78	163.5
407834		4.45	0.009	0.38	9.05	53.0	280	1.74	0.17	0.53	3.04	70.4	24.5	121	3.68	87.4
407835		2.40	0.016	0.35	9.01	47.0	240	1.64	0.25	0.25	2.11	92.7	24.7	122	3.95	72.4
407836		0.28	<0.001	0.01	0.09	1.3	140	0.11	0.04	18.35	0.06	1.72	0.5	1	0.39	3.0
407837		2.87	0.008	0.45	9.00	48.1	240	1.80	0.27	0.84	1.44	75.5	28.8	94	4.40	132.0
407838		2.18	0.001	0.15	5.05	14.7	140	1.05	0.05	3.78	2.46	71.2	10.8	64	2.26	111.5
407839		3.95	0.010	0.31	9.93	58.0	310	1.91	0.21	0.22	2.90	74.4	27.3	140	4.17	52.7
407840		4.69	0.018	0.55	9.73	80.2	350	1.87	0.22	0.17	2.62	60.5	27.8	173	4.16	94.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 21-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18159198

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
407821		10.95	19.95	0.07	2.1	<0.005	0.060	2.62	26.0	41.0	1.39	543	1.51	0.05	16.5	58.3
407822		10.15	20.9	0.09	2.5	<0.005	0.064	3.22	35.9	43.3	1.32	538	1.97	0.06	20.9	62.7
407823		16.45	12.05	0.13	1.8	0.714	0.187	2.18	28.9	10.9	1.11	659	89.1	0.12	4.3	161.5
407824		16.70	11.45	0.11	1.6	0.736	0.212	1.87	26.8	14.9	1.38	871	99.7	0.10	4.1	148.5
407825		9.60	3.13	0.05	0.4	0.370	0.152	0.50	6.2	4.2	0.21	182	8.13	0.03	0.9	81.4
407826		17.60	16.70	0.13	2.5	0.155	0.138	2.71	32.7	21.5	0.91	563	43.6	0.13	4.2	135.0
407827		21.4	15.55	0.13	2.0	0.140	0.131	1.61	25.0	37.3	1.05	786	21.5	0.07	3.7	153.5
407828		20.1	13.95	0.13	1.9	0.457	0.203	1.60	25.2	34.4	0.78	601	19.30	0.06	4.3	106.0
407829		7.77	19.10	0.08	3.7	0.047	0.065	1.04	24.0	12.1	5.73	1080	3.33	2.06	31.0	367
407830		20.7	18.45	0.11	2.3	0.528	0.241	2.36	15.5	37.3	0.55	180	16.50	0.09	7.1	89.5
407831		21.1	14.30	0.12	2.3	0.693	0.248	1.82	28.1	31.5	0.95	811	16.55	0.07	7.1	107.5
407832		17.55	17.70	0.16	5.8	0.341	0.118	2.53	54.9	27.1	1.23	749	18.60	0.09	29.3	129.0
407833		16.40	18.60	0.13	5.6	0.304	0.137	2.90	37.3	29.5	0.83	397	17.25	0.11	21.1	164.0
407834		7.74	23.7	0.10	5.1	0.183	0.183	4.51	37.8	25.2	0.63	196	11.55	0.17	21.3	138.5
407835		7.35	24.0	0.15	5.2	0.186	0.147	4.36	47.9	21.6	0.51	73	11.80	0.16	32.1	104.5
407836		0.16	0.28	<0.05	0.1	<0.005	<0.005	0.05	0.9	18.8	12.85	270	0.16	0.03	0.4	0.7
407837		10.25	24.4	0.08	5.0	0.131	0.116	4.38	41.8	28.4	0.83	279	14.45	0.16	17.0	136.5
407838		8.37	12.95	0.08	2.7	0.143	0.117	2.43	37.4	15.1	1.89	1520	5.17	0.10	29.7	108.5
407839		6.57	26.4	0.10	5.9	0.227	0.174	4.94	40.9	25.2	0.52	61	13.50	0.20	23.1	122.0
407840		10.85	24.7	0.13	4.4	0.223	0.156	4.75	31.7	26.8	0.55	60	16.00	0.17	19.4	189.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 21-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18159198

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
407821		280	8.9	96.1	0.007	2.51	1.42	12.7	1	1.8	12.0	0.94	0.12	6.84	0.291	0.95
407822		320	11.9	125.0	0.008	2.77	1.96	14.2	2	1.6	26.3	1.23	0.07	8.90	0.379	1.22
407823		480	73.2	55.8	0.086	>10.0	17.70	9.1	11	1.4	47.8	0.26	1.70	4.00	0.102	3.49
407824		460	54.9	50.9	0.104	>10.0	13.40	10.9	12	1.5	56.7	0.24	1.55	4.36	0.101	3.20
407825		110	2.2	12.9	0.011	5.98	0.37	2.4	6	0.4	8.5	0.06	0.06	0.99	0.022	0.75
407826		510	20.3	66.5	0.052	>10.0	4.92	12.2	9	2.5	39.0	0.24	0.76	5.19	0.110	3.62
407827		340	18.6	43.6	0.014	>10.0	5.59	12.6	8	4.8	28.8	0.18	0.82	3.87	0.091	2.12
407828		340	35.7	41.9	0.016	>10.0	9.13	10.1	8	5.7	21.8	0.23	1.85	4.14	0.099	2.34
407829		1940	5.3	32.3	<0.002	0.05	0.36	22.7	1	1.4	496	1.77	0.09	3.27	1.080	0.09
407830		260	64.8	49.9	0.022	>10.0	16.75	10.9	8	8.0	18.5	0.40	2.85	3.61	0.156	3.56
407831		230	63.3	44.5	0.020	>10.0	17.20	8.6	7	4.6	38.2	0.46	1.71	4.89	0.118	3.34
407832		200	68.1	60.6	0.027	>10.0	20.6	7.7	5	3.6	57.7	1.77	1.16	9.01	0.159	3.93
407833		320	63.2	56.2	0.026	>10.0	19.40	12.0	4	3.0	40.6	1.59	0.82	6.52	0.210	4.12
407834		450	27.8	92.1	0.016	6.55	8.64	25.1	2	3.2	36.7	1.30	0.30	5.27	0.530	4.55
407835		660	25.4	91.4	0.015	6.20	7.50	23.2	2	2.8	30.6	1.76	0.27	7.69	0.530	4.25
407836		50	2.5	1.4	<0.002	0.04	0.24	0.3	1	<0.2	141.5	<0.05	<0.05	0.19	0.007	0.10
407837		410	29.0	94.7	0.011	7.73	8.44	20.3	3	2.9	40.8	0.98	0.30	6.25	0.423	4.50
407838		870	8.7	52.2	0.007	4.62	2.15	21.4	2	1.6	87.4	1.88	0.09	6.72	0.298	2.22
407839		480	30.4	101.0	0.013	6.04	9.37	26.8	2	3.4	33.3	1.50	0.31	5.76	0.618	5.07
407840		550	44.6	101.0	0.021	9.53	14.25	26.2	3	3.3	29.8	1.15	0.49	5.07	0.545	5.36

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 21-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18159198

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
407821		5.3	221	2.1	6.6	118	79.2
407822		6.4	248	2.4	8.6	161	96.2
407823		40.2	824	2.4	13.1	2050	74.8
407824		41.5	879	2.7	12.5	3120	67.8
407825		4.6	123	2.0	2.2	2360	15.9
407826		22.4	394	1.8	8.9	1230	96.9
407827		5.5	142	1.2	6.6	734	84.1
407828		6.4	121	1.5	8.0	1280	78.7
407829		0.7	150	3.6	21.6	113	151.5
407830		9.1	130	1.4	5.9	1260	92.8
407831		8.4	126	0.8	8.0	1360	88.3
407832		12.3	159	1.1	15.5	595	220
407833		15.7	191	1.0	13.8	635	213
407834		18.6	196	1.4	14.4	935	200
407835		14.8	179	1.3	16.1	655	210
407836		0.3	3	0.4	0.6	20	2.7
407837		14.8	164	1.1	14.6	462	195.5
407838		8.2	97	1.4	9.7	763	106.5
407839		20.6	208	1.8	14.2	927	213
407840		23.6	224	1.8	13.8	807	174.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 21-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18159198

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

Applique à la Méthode: ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 28- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18163677

Projet: Kan

Bon de commande #: KANDH18- 023

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 28- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163677

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456441		2.83	0.079	0.06	0.17	94.7	10	0.29	0.01	9.42	0.18	10.80	3.3	4	0.56	16.2
456442		2.81	0.131	0.10	0.07	155.0	10	0.10	0.02	2.56	0.11	5.47	3.5	4	0.42	33.1
456443		2.76	0.305	0.05	0.09	352	10	0.13	0.02	5.68	0.14	5.94	5.9	9	0.24	17.0
456444		2.78	0.020	0.03	0.06	50.5	10	0.13	0.02	5.39	0.08	5.40	7.3	6	0.42	7.2
456445		2.83	0.391	0.10	0.22	391	10	0.21	0.03	3.08	0.17	12.20	10.0	3	0.79	30.9
456446		2.46	0.068	0.21	0.42	33.7	10	0.31	0.03	7.16	0.28	16.55	21.2	8	0.32	60.7
456447		2.64	0.060	1.66	6.36	1.7	240	2.94	0.92	0.07	0.11	73.6	13.3	103	2.34	279
456448		4.99	0.083	1.82	3.17	17.3	130	1.36	0.68	0.26	6.49	42.9	31.4	66	1.23	256
456449		0.07	7.62	1.31	6.04	34.4	310	0.89	0.49	2.92	0.08	33.0	39.8	327	0.64	111.0
456450		2.30	0.014	0.52	0.44	6.2	10	0.12	0.04	3.10	0.14	12.95	8.5	12	0.11	107.5
456451		1.63	0.018	0.97	0.83	0.8	10	0.17	0.06	2.18	0.11	23.8	10.6	22	0.72	196.0
456452		3.64	0.048	1.59	4.52	1.0	180	1.97	0.30	1.18	2.68	53.1	18.6	60	2.36	260
456453		4.97	0.054	1.71	5.81	2.3	230	1.98	0.32	0.41	4.06	70.2	24.9	79	3.06	241
456454		2.54	0.068	1.88	6.33	3.4	220	2.04	0.41	0.26	5.27	69.8	38.2	88	3.51	231
456455		3.24	0.069	2.50	4.46	0.8	180	1.54	0.46	0.56	3.20	46.6	11.4	70	2.31	290
456456		0.31	0.001	0.01	0.09	<0.2	40	0.06	0.01	32.4	0.03	1.67	0.5	2	0.07	4.1
456457		2.09	0.006	0.70	1.19	1.1	20	0.17	0.04	2.01	0.27	25.2	11.1	24	0.21	159.0
456458		2.21	0.028	0.69	0.28	58.2	<10	<0.05	0.05	1.20	0.04	13.90	9.8	10	<0.05	134.5
456459		2.50	0.020	1.17	0.67	88.2	10	0.11	0.07	2.11	0.17	18.40	23.2	14	0.11	263
456460		5.00	0.079	2.58	5.53	10.1	170	1.74	0.46	0.31	6.12	53.4	59.6	86	2.67	309

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 28- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163677

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456441		21.6	0.95	0.09	0.1	0.006	0.016	0.03	6.0	3.7	5.31	6650	0.24	0.01	0.9	4.4
456442		25.9	0.45	0.08	<0.1	0.011	0.025	0.02	3.1	1.5	3.73	6370	0.15	<0.01	0.2	15.6
456443		20.0	0.50	0.06	<0.1	0.019	0.019	0.02	3.4	1.9	4.01	5720	0.39	<0.01	0.2	5.0
456444		20.9	0.38	0.07	<0.1	0.017	0.033	0.02	3.4	1.9	4.66	5880	1.42	<0.01	0.3	4.2
456445		27.2	1.02	0.10	0.1	0.006	0.051	0.05	8.0	4.1	4.18	5910	1.75	0.01	0.6	9.7
456446		23.4	1.77	0.09	0.2	0.051	0.043	0.08	9.5	6.6	4.24	7210	1.37	0.01	1.2	20.8
456447		27.3	22.6	0.23	3.0	0.065	0.128	2.54	40.7	37.1	1.46	584	28.1	0.06	10.8	109.0
456448		25.9	12.00	0.12	1.7	0.105	0.164	1.08	22.3	26.0	1.15	712	20.5	0.03	3.4	104.5
456449		5.46	15.50	0.08	2.4	0.178	0.054	1.03	15.1	16.2	3.88	735	6.31	1.17	16.4	243
456450		16.25	2.33	0.07	0.1	0.014	0.063	0.06	7.0	7.3	3.12	5710	1.17	0.01	0.3	39.3
456451		21.0	4.05	0.09	0.5	0.006	0.052	0.11	13.5	17.2	3.70	6520	5.01	<0.01	1.3	74.2
456452		25.1	14.65	0.14	2.5	0.111	0.136	2.30	28.5	22.4	1.36	1510	15.90	0.07	6.6	118.0
456453		21.0	19.00	0.14	3.2	0.122	0.190	2.93	38.0	33.2	0.98	668	21.9	0.08	8.5	102.0
456454		21.0	20.1	0.13	3.3	0.143	0.199	3.22	37.2	37.8	0.82	432	22.6	0.09	9.4	106.0
456455		30.2	13.95	0.17	1.7	0.105	0.152	2.18	24.8	28.0	0.96	914	17.30	0.06	2.9	159.0
456456		0.32	0.29	<0.05	<0.1	<0.005	0.007	0.03	1.5	2.2	3.32	202	0.12	0.04	0.2	1.0
456457		15.75	4.41	0.09	0.6	0.014	0.047	0.18	13.1	19.6	2.82	5500	4.12	0.01	1.6	58.9
456458		14.95	1.51	0.06	0.1	0.007	0.042	0.02	8.1	5.1	2.47	5250	0.48	<0.01	0.4	43.9
456459		21.9	3.12	0.07	0.3	0.017	0.052	0.08	10.0	9.5	3.39	7240	0.89	<0.01	1.2	88.7
456460		24.1	17.80	0.19	2.1	0.183	0.244	2.66	26.7	25.2	0.93	624	17.80	0.06	4.2	115.5

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Projet: Kan

CERTIFICAT D'ANALYSE VO18163677

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456441		220	1.9	2.0	<0.002	0.73	0.19	1.5	<1	<0.2	140.0	<0.05	0.09	0.20	0.008	0.11
456442		90	1.1	1.2	<0.002	1.84	0.12	0.6	1	<0.2	52.7	<0.05	0.20	0.03	<0.005	0.05
456443		80	1.5	1.1	<0.002	0.86	0.16	0.7	1	<0.2	79.7	<0.05	0.36	0.03	<0.005	0.04
456444		40	1.5	1.0	<0.002	0.33	0.18	0.4	<1	0.2	52.6	<0.05	0.09	0.04	<0.005	0.04
456445		190	1.7	3.0	<0.002	1.29	0.20	0.6	2	0.2	70.2	<0.05	0.49	0.11	<0.005	0.18
456446		470	3.7	3.9	<0.002	3.06	0.33	0.9	2	0.2	155.0	0.06	0.19	0.53	0.012	0.17
456447		230	37.2	94.5	0.028	>10.0	9.84	16.1	9	4.6	14.9	0.45	1.71	6.98	0.114	2.59
456448		380	28.6	41.9	0.015	>10.0	7.16	8.3	7	3.3	17.3	0.20	1.69	3.48	0.059	1.38
456449		1080	9.5	40.7	<0.002	0.09	0.78	21.0	1	1.0	273	0.96	0.23	2.50	0.665	0.19
456450		190	5.7	2.3	<0.002	4.19	1.11	1.1	2	<0.2	111.0	<0.05	0.37	0.24	<0.005	0.09
456451		510	7.2	6.8	0.003	6.87	1.33	2.2	2	<0.2	75.6	0.09	0.63	0.90	0.019	0.41
456452		250	34.9	76.6	0.018	>10.0	9.69	9.4	5	3.0	53.8	0.40	0.88	4.70	0.126	2.69
456453		250	37.4	98.1	0.021	>10.0	10.00	11.3	6	3.5	28.1	0.59	0.89	6.94	0.151	3.32
456454		230	54.2	109.5	0.023	>10.0	13.60	12.6	5	3.6	24.6	0.54	1.02	6.82	0.159	3.67
456455		250	69.5	75.6	0.015	>10.0	15.35	10.0	7	3.0	32.7	0.15	1.39	4.19	0.095	2.63
456456		70	0.8	0.9	<0.002	0.07	0.11	0.2	<1	<0.2	79.6	<0.05	<0.05	0.09	0.006	0.03
456457		590	6.2	6.1	0.005	5.43	1.03	3.1	3	0.5	72.4	0.09	0.41	1.13	0.025	0.27
456458		210	6.1	0.6	<0.002	4.69	1.60	0.6	1	<0.2	37.6	<0.05	0.41	0.24	<0.005	0.04
456459		440	11.1	3.0	<0.002	7.87	2.77	1.4	2	0.2	73.1	0.07	0.72	0.68	0.012	0.12
456460		350	63.4	88.5	0.016	>10.0	17.80	11.8	7	4.2	21.8	0.23	1.65	4.22	0.123	3.71

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18163677

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456441		0.3	14	0.1	7.3	39	5.5
456442		0.1	7	<0.1	3.5	44	1.4
456443		<0.1	7	0.1	4.8	39	1.2
456444		<0.1	6	0.1	4.2	29	1.2
456445		0.2	12	0.1	4.8	43	3.8
456446		2.0	18	0.2	7.2	76	8.4
456447		12.2	230	1.3	9.3	131	115.5
456448		6.3	109	0.5	6.2	1210	69.8
456449		0.6	140	9.2	13.8	82	96.6
456450		0.3	20	0.1	4.3	85	5.7
456451		1.6	45	0.1	5.2	115	21.0
456452		8.6	142	1.1	7.8	707	95.6
456453		12.7	210	1.3	11.7	1000	124.5
456454		12.1	192	1.3	8.9	1190	130.0
456455		7.9	136	1.0	6.5	733	68.8
456456		0.2	2	0.1	2.2	9	1.6
456457		1.8	43	0.2	4.9	122	23.1
456458		0.4	17	0.1	2.9	48	6.3
456459		0.5	35	0.2	4.0	89	13.2
456460		7.5	148	1.3	7.2	1300	80.0

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CERTIFICAT D'ANALYSE VO18163677

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 27- JUIL- 2018
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CERTIFICAT VO18163678

Projet: Kan

Bon de commande #: KANDH18- 024

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

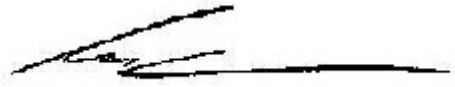
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
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CERTIFICAT D'ANALYSE VO18163678

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456461		2.80	0.009	0.95	0.57	91.7	10	0.13	0.06	2.98	0.91	25.0	6.1	18	0.40	233
456462		2.48	0.003	0.63	0.82	2.4	20	0.22	0.04	2.81	0.18	24.4	11.6	22	0.21	139.5
456463		2.84	0.058	2.97	5.38	11.4	140	1.79	0.69	0.18	3.17	44.2	71.1	91	2.31	439
456464		3.81	0.062	3.02	5.62	11.3	170	1.69	0.54	0.20	8.06	42.8	45.4	88	2.36	381
456465		6.49	0.048	3.33	5.32	6.2	160	1.70	0.63	0.33	6.75	55.0	26.9	85	2.29	417
456466		3.66	0.016	1.95	5.52	12.5	220	2.01	0.44	0.08	0.32	53.5	49.5	106	1.75	352
456467		1.68	0.002	0.89	0.44	115.5	<10	0.05	0.06	4.84	0.18	12.85	2.5	12	<0.05	304
456468		2.69	0.001	1.03	1.04	0.6	10	0.15	0.18	5.64	0.16	27.0	3.5	33	0.09	281
456469		0.07	0.683	0.21	7.53	20.2	340	1.41	0.13	4.55	0.18	56.7	42.0	191	1.92	60.5
456470		2.42	0.003	0.64	0.57	0.9	10	0.14	0.27	6.47	0.10	14.05	3.4	21	0.17	112.0
456471		2.41	0.003	0.47	1.26	18.5	60	0.54	0.11	6.22	0.33	23.9	23.1	30	0.56	131.5
456472		2.03	0.005	0.93	0.87	4.6	20	0.26	0.06	4.64	0.56	21.7	14.2	19	0.18	325
456473		2.96	0.007	1.56	6.14	35.4	200	2.48	0.32	0.09	4.95	59.8	35.4	93	2.75	330
456474		3.06	0.045	2.20	4.42	176.0	170	1.69	0.35	1.33	18.50	57.0	24.2	68	4.72	162.5
456475		3.70	0.059	2.28	4.30	256	160	1.57	0.46	1.16	16.55	48.9	24.5	67	4.18	142.5
456476		0.27	<0.001	0.01	0.06	0.6	20	0.08	<0.01	33.8	0.03	1.00	0.6	7	<0.05	1.6
456477		4.46	0.041	1.41	4.96	242	130	1.68	0.28	1.95	10.80	51.5	19.9	78	3.42	95.5
456478		4.67	0.041	1.25	6.20	217	150	1.51	0.23	1.59	6.17	60.0	19.1	81	3.75	107.0
456479		4.33	0.025	0.98	7.45	145.0	210	1.36	0.24	1.87	4.11	66.8	21.4	86	4.17	113.0
456480		5.00	0.015	0.68	8.90	57.7	210	1.33	0.27	0.48	1.56	47.7	25.1	114	5.04	99.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163678

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456461		17.20	2.14	0.06	0.2	0.031	0.044	0.08	14.7	11.1	2.72	4630	0.76	<0.01	1.1	86.4
456462		11.80	2.93	0.05	0.3	0.013	0.027	0.15	14.3	11.9	2.18	3920	2.96	0.01	1.5	50.5
456463		28.9	18.90	0.12	2.1	0.159	0.153	2.42	21.2	28.3	1.10	496	18.40	0.05	4.5	158.0
456464		25.0	19.25	0.13	2.3	0.257	0.278	2.80	20.2	26.5	0.93	414	15.95	0.06	6.3	155.0
456465		27.0	16.65	0.15	2.1	0.214	0.236	2.56	27.9	24.6	0.85	478	16.25	0.06	4.5	200
456466		25.0	18.10	0.12	2.5	0.049	0.095	1.78	26.9	46.1	1.92	417	21.2	0.05	7.8	170.0
456467		18.45	1.99	0.07	0.2	0.007	0.033	0.01	6.8	8.9	3.20	6680	0.47	<0.01	0.2	143.0
456468		19.15	5.52	0.08	0.5	0.019	0.031	0.05	14.2	18.3	4.00	5180	0.87	0.01	1.6	133.5
456469		7.51	20.4	0.09	3.6	0.025	0.069	0.90	24.7	15.5	2.99	957	1.83	1.74	20.2	146.0
456470		9.38	2.97	0.06	0.3	0.007	0.008	0.06	7.3	12.6	3.21	2180	0.57	0.01	1.5	46.0
456471		12.00	4.65	0.06	0.6	0.012	0.020	0.43	12.6	12.6	2.96	3470	3.17	0.02	3.6	74.6
456472		17.65	3.39	0.07	0.4	0.017	0.039	0.14	11.8	12.3	2.82	5550	1.79	0.01	1.2	161.0
456473		22.4	20.6	0.12	3.2	0.117	0.113	2.26	31.0	43.6	1.31	277	25.0	0.07	11.9	184.0
456474		16.90	11.80	0.16	2.2	0.688	0.091	2.04	36.6	24.6	0.89	661	128.5	0.06	4.5	269
456475		15.95	11.25	0.15	1.8	0.861	0.109	1.99	31.6	22.6	0.80	521	134.5	0.06	3.5	368
456476		0.19	0.24	0.06	<0.1	<0.005	<0.005	0.01	1.2	1.5	1.60	93	0.26	0.03	0.1	2.5
456477		15.35	12.20	0.15	1.6	0.665	0.102	2.19	31.2	23.4	1.06	482	71.8	0.12	6.2	230
456478		15.55	15.05	0.13	2.0	0.538	0.114	2.85	34.8	19.3	0.85	294	36.6	0.17	7.5	177.0
456479		13.25	19.60	0.12	3.1	0.310	0.112	3.33	38.4	21.7	1.08	305	24.6	0.20	8.4	160.0
456480		9.72	23.7	0.14	3.8	0.124	0.099	4.14	24.8	26.1	0.65	122	11.65	0.19	8.7	105.5

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CERTIFICAT D'ANALYSE VO18163678

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456461		1150	6.6	4.1	<0.002	6.87	1.36	1.2	3	0.2	109.5	0.07	0.56	0.75	0.014	0.20
456462		670	12.1	5.4	0.003	4.55	1.08	1.8	3	0.4	108.5	0.08	0.35	0.92	0.021	0.20
456463		320	68.5	69.7	0.016	>10.0	22.2	11.5	8	4.2	16.8	0.25	2.08	3.48	0.126	3.21
456464		350	62.2	75.9	0.015	>10.0	22.7	11.4	8	4.3	17.9	0.33	2.06	3.43	0.145	3.77
456465		360	62.5	85.7	0.019	>10.0	22.2	10.8	8	3.7	24.2	0.23	2.18	4.09	0.132	3.52
456466		380	30.0	47.0	0.023	>10.0	8.32	13.5	8	3.6	11.8	0.44	1.19	4.10	0.150	2.18
456467		450	3.7	0.2	<0.002	6.99	0.55	1.2	5	<0.2	152.0	<0.05	0.45	0.37	0.005	0.02
456468		630	4.9	1.8	<0.002	6.84	0.73	2.5	9	<0.2	165.0	0.08	0.48	1.83	0.018	0.09
456469		1180	14.5	40.4	<0.002	0.03	1.02	20.5	1	1.7	363	1.19	<0.05	5.30	0.942	0.18
456470		440	2.8	2.5	<0.002	2.88	0.30	1.5	9	0.2	171.5	0.06	0.40	0.74	0.016	0.12
456471		440	6.5	15.8	0.004	5.81	1.82	3.1	5	0.7	156.0	0.18	0.24	1.46	0.045	0.68
456472		730	9.8	4.8	0.002	7.25	0.75	1.6	6	0.3	145.0	0.07	0.50	0.91	0.018	0.20
456473		280	26.9	66.6	0.025	>10.0	4.73	12.2	10	3.8	14.5	0.73	0.70	5.80	0.170	3.07
456474		1070	65.0	75.2	0.098	>10.0	22.3	8.6	22	1.4	44.1	0.34	0.58	5.10	0.101	4.09
456475		930	88.4	69.2	0.086	>10.0	34.0	8.1	16	1.3	39.0	0.25	0.85	4.36	0.096	4.50
456476		60	0.6	0.3	<0.002	0.01	0.10	0.2	1	<0.2	78.9	<0.05	<0.05	0.07	0.005	<0.02
456477		590	74.1	68.4	0.055	>10.0	25.0	9.6	13	1.1	51.2	0.38	0.53	4.42	0.126	3.93
456478		440	67.1	84.6	0.038	>10.0	21.7	11.6	10	1.2	45.6	0.44	0.49	4.82	0.151	4.81
456479		250	45.7	93.9	0.028	>10.0	14.00	14.6	7	1.6	54.1	0.48	0.52	5.39	0.205	4.97
456480		240	26.5	99.5	0.012	8.03	6.82	17.0	3	1.9	36.6	0.50	0.42	4.27	0.293	5.35

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CERTIFICAT D'ANALYSE VO18163678

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456461		0.5	25	0.2	7.1	206	11.1
456462		1.0	30	0.2	5.9	69	14.8
456463		7.4	144	1.3	7.3	585	84.4
456464		7.4	147	1.3	7.9	1620	91.8
456465		6.9	141	1.3	8.3	1280	83.2
456466		8.6	177	1.9	6.8	144	99.2
456467		0.3	19	0.1	7.1	50	8.0
456468		1.3	52	0.1	7.8	73	25.6
456469		1.2	148	1.8	21.7	133	151.0
456470		0.4	27	0.1	6.3	33	13.4
456471		1.7	50	0.5	7.9	75	26.1
456472		0.9	33	0.3	7.5	120	17.0
456473		14.6	256	1.9	8.5	863	127.0
456474		62.1	1250	3.4	29.8	3060	85.5
456475		62.3	1280	3.5	27.7	2950	70.6
456476		0.2	3	<0.1	2.2	7	1.5
456477		38.1	709	2.3	17.6	2110	66.7
456478		22.2	349	1.5	12.6	1380	81.4
456479		17.8	249	1.3	11.8	996	118.0
456480		13.0	175	1.3	10.3	403	146.0

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CERTIFICAT D'ANALYSE VO18163678

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 26- JUIL- 2018
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CERTIFICAT VO18163680

Projet: Kan

Bon de commande #: KANDH18- 026

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18163680

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456501		4.54	<0.001	0.03	6.71	10.7	60	0.59	0.05	5.94	0.07	11.50	48.4	161	13.60	113.0
456502		4.49	<0.001	0.05	6.96	12.9	50	0.46	0.03	5.47	0.08	11.65	48.9	167	12.75	134.0
456503		4.36	0.001	0.04	6.38	10.7	30	0.48	0.02	7.35	0.10	11.15	41.7	147	7.13	103.5
456504		4.85	<0.001	0.06	6.14	47.2	10	0.42	0.01	9.16	0.14	8.36	50.0	139	0.26	76.2
456505		4.80	0.001	0.21	6.03	16.2	270	0.98	0.09	4.80	0.23	19.20	47.2	158	0.72	159.0
456506		5.05	<0.001	0.15	8.67	16.5	380	2.51	0.34	0.98	0.19	66.8	24.2	118	2.79	83.9
456507		3.20	0.002	0.22	8.29	56.3	350	2.92	0.33	0.87	0.29	67.7	27.3	117	3.22	76.7
456508		4.25	0.006	0.22	8.40	24.1	340	3.37	0.24	0.34	1.27	70.4	22.5	116	3.02	47.8
456509		0.07	7.77	1.35	6.19	35.5	310	1.01	0.54	2.98	0.09	32.6	42.1	330	0.70	116.0
456510		4.81	0.006	0.24	7.46	17.7	260	3.01	0.72	0.74	0.80	73.2	22.9	103	3.90	51.6
456511		4.02	0.003	0.11	7.63	2.9	190	3.02	0.30	0.64	0.06	66.8	21.5	116	2.31	88.5
456512		2.61	0.002	0.03	0.54	1.0	30	1.00	0.05	3.55	0.30	16.65	7.7	15	11.00	11.7
456513		2.56	0.062	0.01	0.43	0.8	30	0.90	0.01	1.55	0.21	13.80	8.5	13	10.05	2.7
456514		2.29	<0.001	<0.01	0.43	0.2	30	1.10	0.01	1.39	0.26	14.75	8.4	13	10.15	2.2
456515		2.42	0.008	0.14	0.52	0.3	40	1.08	0.08	2.18	0.34	17.65	10.0	14	12.45	49.8
456516		0.24	0.005	0.01	0.06	<0.2	30	0.07	0.01	31.8	0.03	1.17	0.5	2	0.15	1.9
456517		2.33	0.010	0.41	3.11	1.6	160	1.46	0.54	1.53	0.29	50.9	25.6	55	7.51	179.5
456518		2.10	0.001	0.36	5.04	<0.2	70	1.44	0.14	0.81	0.08	80.3	26.4	55	6.83	125.5
456519		1.12	0.002	0.47	3.61	0.8	100	1.89	0.17	1.08	0.11	73.8	31.9	30	14.10	168.5
456520		2.34	0.003	0.02	0.10	4.3	10	0.31	0.01	7.32	0.08	7.03	4.4	5	1.43	26.8

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Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456501		8.99	17.85	0.07	1.1	0.027	0.092	0.98	4.1	28.7	3.88	1320	0.25	1.63	3.8	90.1
456502		9.80	18.00	0.07	1.0	0.027	0.085	0.94	4.1	30.4	3.90	1390	0.29	1.61	3.9	86.4
456503		8.98	17.25	0.06	0.8	0.025	0.086	0.52	4.0	27.6	3.55	1410	0.20	1.52	3.8	74.5
456504		8.05	15.75	0.05	0.9	0.015	0.072	0.04	3.0	30.4	3.92	1540	0.31	1.25	3.0	136.0
456505		13.95	15.20	0.08	1.8	0.023	0.058	1.10	9.1	25.5	2.57	1710	5.62	0.49	11.6	127.0
456506		11.10	24.0	0.12	1.9	0.010	0.052	3.39	36.0	32.6	1.39	4480	3.07	0.04	10.8	59.0
456507		10.75	24.6	0.13	2.0	0.029	0.066	3.71	36.4	35.9	1.20	2330	4.88	0.04	12.8	71.3
456508		10.20	23.3	0.13	2.1	0.051	0.062	3.91	36.9	39.8	1.22	896	3.81	0.05	14.8	68.2
456509		5.59	16.15	0.09	2.3	0.145	0.054	1.06	15.6	15.7	3.98	741	6.23	1.20	16.3	249
456510		12.20	22.3	0.11	2.3	0.041	0.053	3.35	37.5	42.0	1.36	948	4.99	0.06	18.4	75.7
456511		15.25	22.4	0.13	2.2	0.017	0.030	1.71	34.4	38.7	1.76	1960	6.47	0.46	16.7	75.4
456512		20.3	2.97	0.07	0.5	0.013	0.026	0.26	9.1	0.9	1.76	17300	0.36	0.11	5.2	10.9
456513		24.5	3.07	0.07	0.3	0.014	0.015	0.22	7.8	0.6	1.96	19250	0.28	0.11	3.7	8.0
456514		26.6	3.01	0.08	0.3	0.029	0.019	0.22	8.2	0.7	2.10	18400	0.25	0.11	3.8	7.4
456515		25.8	2.62	0.07	0.3	0.013	0.064	0.27	10.2	0.7	2.47	12350	0.17	0.13	4.4	29.2
456516		0.41	0.20	<0.05	<0.1	<0.005	<0.005	0.01	1.3	2.2	3.42	253	0.08	0.03	0.1	0.4
456517		26.0	12.00	0.11	2.2	0.044	0.045	1.32	28.1	21.2	1.99	3090	15.70	0.06	18.3	106.0
456518		22.1	18.80	0.12	5.1	0.040	0.024	0.67	44.7	29.4	2.03	658	21.9	1.08	44.0	107.5
456519		21.8	15.30	0.13	2.9	0.115	0.017	1.29	37.8	31.3	1.45	430	21.6	1.01	33.2	102.5
456520		12.80	1.17	0.05	0.1	0.019	0.067	0.04	4.1	0.3	0.47	5330	1.17	0.02	1.1	4.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163680

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456501		470	1.7	102.5	<0.002	0.17	0.32	43.1	1	0.6	75.6	0.23	<0.05	0.34	0.770	2.18
456502		480	1.7	99.1	0.002	0.11	0.30	44.9	<1	0.7	77.4	0.26	<0.05	0.35	0.807	2.08
456503		460	2.0	59.7	<0.002	0.09	0.26	40.9	1	0.6	104.0	0.23	<0.05	0.33	0.753	1.16
456504		340	2.9	1.9	<0.002	0.01	0.26	35.2	1	0.6	117.5	0.19	<0.05	0.27	0.579	0.04
456505		530	4.9	31.4	0.011	3.07	0.17	28.4	2	0.9	63.8	0.72	0.10	1.91	0.641	0.34
456506		310	7.8	145.0	0.008	2.02	0.36	15.1	3	1.6	19.8	0.79	0.10	9.54	0.358	1.10
456507		260	15.1	167.5	0.014	3.00	0.78	16.1	3	1.6	22.7	0.90	0.10	9.39	0.385	1.33
456508		240	12.4	174.5	0.011	3.25	0.86	15.9	3	1.7	13.3	0.99	0.06	10.15	0.355	1.53
456509		1090	10.3	39.6	0.002	0.09	0.78	21.6	1	1.1	279	0.94	0.26	2.47	0.681	0.21
456510		280	12.3	156.5	0.012	3.84	0.75	14.9	6	1.6	18.4	1.16	0.18	9.50	0.364	1.47
456511		330	7.4	76.4	0.016	2.00	0.24	15.7	4	2.0	19.2	1.07	0.11	8.42	0.390	0.65
456512		520	2.2	20.5	<0.002	0.82	0.32	1.5	1	0.6	67.3	0.25	<0.05	0.77	0.069	0.04
456513		610	0.9	18.1	<0.002	0.22	0.29	1.3	1	0.6	27.8	0.15	<0.05	0.54	0.053	<0.02
456514		520	0.8	17.7	<0.002	0.18	0.26	1.3	1	0.6	24.4	0.17	<0.05	0.63	0.051	0.02
456515		530	2.6	21.2	<0.002	2.42	0.40	1.4	1	0.6	45.1	0.17	0.13	0.83	0.045	0.02
456516		60	0.7	0.6	<0.002	<0.01	0.05	0.2	1	<0.2	82.9	<0.05	<0.05	0.07	0.005	<0.02
456517		470	12.7	82.0	0.022	8.21	0.68	9.3	7	1.1	43.5	1.14	0.55	3.52	0.313	1.23
456518		620	7.8	58.0	0.037	6.33	0.13	12.7	7	0.4	20.4	3.20	0.48	9.15	0.424	1.02
456519		1130	8.0	113.0	0.047	7.59	0.15	7.4	8	0.6	21.2	1.60	0.52	11.65	0.187	2.18
456520		70	1.9	2.7	0.003	0.98	0.19	0.3	2	0.4	61.4	0.05	<0.05	0.16	0.006	0.02

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plus les pages d'annexe
Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163680

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456501		0.1	365	0.7	26.3	66	44.5
456502		0.1	382	0.7	26.8	82	39.6
456503		0.1	359	0.7	25.4	76	34.6
456504		0.1	280	0.4	20.7	78	37.2
456505		6.7	287	1.0	16.1	77	72.2
456506		5.1	222	1.9	12.8	135	72.8
456507		7.3	240	2.2	9.1	174	78.5
456508		6.7	255	2.4	10.7	214	83.4
456509		0.6	145	9.2	15.2	83	100.0
456510		8.3	299	2.1	11.5	151	93.2
456511		8.7	287	1.5	11.8	98	90.6
456512		0.5	36	0.2	9.9	47	23.6
456513		0.3	39	0.2	9.4	45	15.7
456514		0.3	38	0.2	9.7	62	15.3
456515		0.5	30	0.2	9.9	92	14.1
456516		0.2	2	0.1	2.1	6	1.4
456517		9.5	203	1.2	13.7	96	105.5
456518		11.6	311	1.0	21.6	64	213
456519		12.9	303	0.7	22.7	27	128.0
456520		0.7	12	0.1	6.9	12	4.5

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CERTIFICAT D'ANALYSE VO18163680

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 27-JUIL-2018
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CERTIFICAT VO18163682

Projet: Kan

Bon de commande #: KANDH18-027

Ce rapport s'applique aux 19 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4-JUIL-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL-LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

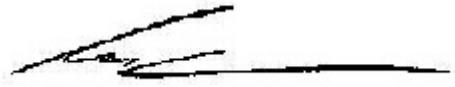
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18163682

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
456521		2.47	0.001	0.05	0.31	3.7	30	1.16	0.03	5.75	0.09	12.00	15.7	9	5.58	177.5
456523		2.40	0.001	0.06	0.11	46.9	10	1.11	0.02	8.77	0.15	13.20	15.6	3	1.74	195.0
456524		2.23	<0.001	0.04	5.87	4.1	140	2.39	0.01	1.03	0.06	8.92	33.6	172	19.05	3.2
456525		2.36	<0.001	0.16	1.34	1.1	120	1.57	0.01	3.32	0.09	13.80	12.6	17	19.40	35.9
456526		4.03	<0.001	0.11	6.67	4.4	<10	0.42	<0.01	5.01	0.11	11.40	46.4	163	0.31	101.0
456527		4.21	<0.001	0.06	6.79	4.6	<10	0.47	0.01	6.18	0.13	9.42	47.4	170	0.62	125.5
456528		4.32	<0.001	0.06	6.77	12.5	<10	0.41	0.01	6.39	0.11	9.10	47.9	158	0.26	129.5
456529		0.07	0.688	0.17	7.28	20.4	330	1.49	0.13	4.48	0.18	49.1	43.5	193	1.89	55.7
456530		4.18	<0.001	0.09	6.97	42.2	<10	0.45	0.01	5.37	0.11	9.76	52.9	165	0.18	126.0
456531		3.49	0.001	0.07	6.76	12.5	20	0.57	0.04	4.21	0.11	10.15	44.1	158	1.39	75.2
456532		1.87	<0.001	<0.01	2.52	2.7	90	1.82	<0.01	4.37	0.18	11.75	19.5	51	18.05	7.5
456533		2.31	<0.001	<0.01	0.58	2.1	60	1.08	<0.01	6.87	0.26	13.10	7.1	4	12.05	1.4
456534		3.04	<0.001	0.01	0.21	1.2	10	1.96	<0.01	2.71	0.16	14.80	6.8	5	2.48	1.0
456535		2.73	<0.001	0.02	0.28	3.2	20	1.71	0.02	2.37	0.15	13.10	6.9	5	3.19	19.4
456536		0.22	<0.001	<0.01	0.05	<0.2	20	0.07	<0.01	34.2	<0.02	0.96	0.5	2	0.08	1.3
456537		2.51	0.003	0.05	0.46	2.2	20	1.48	0.08	1.26	0.10	10.25	7.6	4	4.59	58.0
456538		2.40	0.004	0.04	0.64	3.6	60	0.89	0.06	6.43	0.27	16.20	6.0	14	12.85	44.1
456539		2.47	0.033	0.05	0.46	1.6	30	0.73	0.11	3.40	0.21	9.53	8.1	20	8.63	51.2
456540		2.40	0.001	0.04	1.93	3.2	100	1.13	0.05	2.39	0.16	23.3	11.8	43	30.9	40.5

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CERTIFICAT D'ANALYSE VO18163682

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
456521		23.3	1.48	0.07	0.2	0.067	0.165	0.16	7.2	0.2	1.14	11500	1.11	0.06	2.9	6.7
456523		18.90	0.80	0.06	<0.1	0.050	0.081	0.05	7.8	0.3	0.88	12600	0.12	0.02	0.6	2.5
456524		24.8	17.10	0.33	1.8	0.035	0.145	0.50	3.7	6.8	3.21	6460	0.45	0.30	4.4	77.6
456525		24.5	4.95	0.06	0.3	0.031	0.087	0.45	8.6	0.8	1.67	7640	0.28	0.23	1.4	13.0
456526		10.05	18.25	0.05	1.0	0.019	0.066	0.02	4.2	36.1	3.85	2030	0.26	1.36	4.2	81.4
456527		8.82	17.40	<0.05	0.8	0.042	0.062	0.06	3.4	33.1	4.17	1480	0.24	1.68	3.5	108.0
456528		8.83	16.65	0.05	0.8	0.032	0.068	0.02	3.3	32.2	4.26	1500	0.26	1.66	3.1	123.0
456529		7.32	20.5	0.10	3.7	0.028	0.067	0.89	22.1	14.5	2.94	943	1.80	1.70	19.1	142.0
456530		9.11	17.75	0.05	1.6	0.035	0.069	0.02	3.6	34.0	4.13	1630	0.24	1.91	3.3	128.0
456531		11.40	18.00	0.06	2.1	0.018	0.068	0.15	3.8	50.5	5.33	2010	0.48	0.66	2.8	98.1
456532		22.2	7.41	0.05	0.7	0.005	0.070	0.46	6.5	6.4	3.01	6430	2.45	0.20	2.8	32.4
456533		26.8	2.46	0.08	0.2	0.006	0.030	0.28	8.1	0.7	2.67	11350	0.26	0.14	1.5	5.3
456534		32.8	1.87	0.07	0.2	<0.005	0.005	0.14	9.3	0.5	2.83	8440	0.35	0.03	2.1	4.3
456535		32.3	2.07	0.08	0.1	0.010	<0.005	0.19	8.2	0.5	2.44	9310	0.12	0.04	2.1	3.8
456536		0.42	0.23	<0.05	<0.1	<0.005	<0.005	0.01	1.1	1.2	1.44	132	<0.05	0.02	0.2	<0.2
456537		30.0	2.06	0.08	0.1	0.024	0.007	0.31	6.3	0.5	2.25	7940	0.31	0.06	1.9	4.1
456538		19.65	2.49	0.06	0.2	0.026	0.010	0.35	9.1	0.5	1.90	11550	0.35	0.14	3.2	5.9
456539		20.3	2.40	0.06	0.2	0.036	0.007	0.26	5.4	0.5	1.40	13150	0.31	0.09	3.0	8.5
456540		21.9	7.22	0.07	0.9	0.034	0.025	0.60	12.2	1.9	1.89	10800	2.01	0.30	7.7	26.3

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CERTIFICAT D'ANALYSE VO18163682

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
456521		260	2.3	10.4	0.002	1.79	0.66	0.7	3	0.5	58.6	0.13	0.07	0.40	0.020	0.03
456523		500	2.2	3.3	<0.002	1.90	0.21	0.3	3	0.2	101.0	<0.05	0.08	0.13	<0.005	<0.02
456524		480	1.6	13.6	<0.002	0.44	1.33	35.9	1	1.5	15.7	0.24	0.08	0.24	0.712	0.09
456525		410	1.1	33.1	<0.002	0.21	0.82	5.2	1	0.7	36.3	0.12	<0.05	0.33	0.071	0.04
456526		490	2.1	0.8	0.003	0.02	0.37	44.1	1	1.3	77.8	0.26	<0.05	0.33	0.809	0.02
456527		420	2.7	4.4	0.002	0.07	0.30	40.3	1	0.7	111.5	0.22	<0.05	0.27	0.703	0.10
456528		420	2.4	1.1	<0.002	0.09	0.24	38.8	<1	0.7	115.0	0.21	<0.05	0.27	0.684	0.05
456529		1140	13.9	41.8	<0.002	0.02	1.00	20.0	<1	1.7	352	1.19	<0.05	4.94	0.905	0.18
456530		430	2.6	0.6	0.002	0.10	0.15	40.0	1	0.5	111.0	0.20	<0.05	0.30	0.702	0.02
456531		440	2.8	11.5	0.003	0.01	0.16	42.3	1	0.6	81.2	0.19	<0.05	0.27	0.646	0.16
456532		320	1.5	31.2	0.003	0.07	0.66	13.5	<1	0.5	71.2	0.16	<0.05	0.37	0.233	0.08
456533		420	2.0	19.9	<0.002	0.01	0.73	1.8	<1	0.4	110.5	0.08	<0.05	0.35	0.019	0.03
456534		600	1.2	5.2	<0.002	0.01	1.63	0.6	<1	0.4	42.8	0.08	<0.05	0.32	0.016	0.03
456535		460	1.4	6.5	<0.002	0.38	1.76	0.5	1	0.4	37.7	0.09	<0.05	0.28	0.017	0.03
456536		50	<0.5	0.6	<0.002	0.01	0.05	0.2	1	<0.2	81.9	<0.05	<0.05	0.05	0.006	<0.02
456537		380	2.1	9.5	<0.002	1.00	2.40	0.7	2	0.5	20.3	0.08	0.08	0.28	0.013	0.08
456538		800	2.7	20.8	<0.002	0.73	0.81	1.1	2	0.3	87.0	0.15	0.06	0.71	0.037	0.06
456539		330	3.4	14.2	<0.002	0.87	0.69	1.1	1	0.3	56.7	0.12	0.08	0.42	0.040	0.07
456540		590	2.5	46.6	0.002	0.44	1.09	4.8	1	0.6	38.4	0.45	0.05	1.85	0.144	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163682

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
456521		0.6	21	0.2	15.3	33	11.3
456523		0.1	15	0.1	20.3	31	2.3
456524		0.2	334	2.5	15.8	78	62.0
456525		0.3	77	2.6	13.7	55	12.8
456526		0.1	379	1.6	25.0	100	28.4
456527		0.1	328	0.5	23.1	97	22.4
456528		0.1	326	0.4	19.4	97	24.8
456529		1.1	145	2.0	20.4	130	146.0
456530		0.1	343	0.2	9.6	98	33.1
456531		0.1	358	0.3	8.9	98	52.6
456532		0.4	123	0.1	14.8	46	26.6
456533		0.3	37	0.2	10.7	31	8.0
456534		0.3	16	0.3	14.5	41	7.6
456535		0.2	22	0.2	13.0	43	6.7
456536		0.1	1	<0.1	2.2	4	1.7
456537		0.2	24	0.2	11.1	50	6.5
456538		0.4	27	0.2	9.8	36	10.7
456539		0.3	31	0.2	7.4	32	11.2
456540		2.3	81	0.4	9.5	58	37.9

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Finalisée date: 27-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163682

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18163685

Projet: Kan

Bon de commande #: KANDH18- 028

Ce rapport s'applique aux 19 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

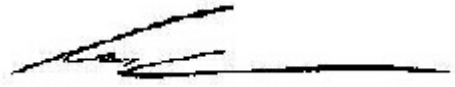
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163685

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456541		2.28	0.001	0.04	1.14	6.6	70	1.20	0.06	1.64	0.13	17.55	10.1	33	22.5	51.3
456542		2.88	<0.001	0.02	0.97	3.6	70	1.44	0.02	2.95	0.23	12.60	9.6	17	21.5	49.9
456544		2.65	0.002	0.03	0.30	1.0	30	1.84	0.03	2.97	0.23	12.45	7.8	5	5.99	77.2
456545		2.22	0.586	0.04	0.73	0.9	60	1.40	0.02	4.33	0.27	11.05	7.6	4	14.15	62.1
456546		2.22	0.065	0.02	0.68	1.0	10	1.07	0.02	3.35	0.16	6.78	11.8	21	1.17	69.8
456547		3.63	0.002	0.05	6.55	26.5	10	0.63	0.01	5.95	0.08	10.50	44.3	156	1.06	96.8
456548		4.44	<0.001	0.05	6.81	10.8	<10	0.52	0.01	6.43	0.15	8.98	46.8	154	0.64	124.5
456549		0.07	2.54	0.48	6.73	12.6	320	1.28	0.18	4.78	0.11	42.5	53.6	317	0.74	82.7
456550		5.03	0.001	0.05	7.24	12.2	10	0.63	0.02	6.88	0.15	10.25	51.4	165	0.32	135.0
456551		4.52	<0.001	0.03	6.55	22.3	10	0.36	0.01	6.62	0.09	8.01	47.9	139	0.25	66.9
456552		4.67	<0.001	0.05	5.72	24.9	10	0.41	0.01	7.04	0.13	7.75	44.0	131	0.30	82.7
456553		4.51	<0.001	0.08	7.82	14.7	400	1.74	0.03	2.76	0.10	24.9	42.2	156	1.07	273
456554		4.71	<0.001	0.05	8.29	1.5	270	1.74	0.02	1.41	0.09	59.9	27.1	108	1.66	207
456555		4.87	<0.001	0.06	7.14	5.6	30	0.61	0.01	6.04	0.10	14.85	44.8	72	2.60	124.5
456556		0.29	<0.001	0.01	0.21	<0.2	30	0.09	0.02	32.0	<0.02	1.55	1.7	3	0.14	6.3
456557		4.65	<0.001	0.05	6.71	5.5	10	0.66	0.01	5.75	0.08	14.35	40.7	73	0.67	111.0
456558		4.33	<0.001	0.02	7.83	4.8	60	1.28	0.01	3.80	0.03	34.7	35.3	92	4.64	40.9
456559		4.78	0.001	0.04	7.21	8.0	30	0.85	0.02	5.74	0.09	17.70	46.8	73	2.20	123.0
456560		4.73	<0.001	0.04	7.10	7.4	20	0.58	0.02	6.79	0.08	16.80	45.8	68	1.04	111.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163685

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456541		20.3	4.58	0.05	1.0	0.028	0.024	0.46	8.8	0.8	1.48	15400	1.21	0.23	7.8	15.1
456542		20.1	3.33	0.06	0.3	0.027	0.027	0.46	6.7	0.7	1.98	9280	0.81	0.21	3.1	14.4
456544		30.9	2.21	0.08	0.1	0.013	0.010	0.16	7.7	0.3	2.27	10600	0.21	0.06	1.7	3.5
456545		24.4	2.76	0.10	0.1	0.035	0.020	0.39	6.8	0.4	2.10	8490	0.32	0.14	1.7	3.0
456546		19.70	2.63	0.09	0.2	0.007	0.016	0.07	4.3	2.6	1.79	4890	0.37	0.01	1.4	9.9
456547		9.25	18.50	0.07	1.2	0.020	0.074	0.09	4.2	40.5	3.90	1500	0.28	1.58	4.0	85.0
456548		8.96	18.00	0.08	1.2	0.023	0.072	0.05	3.4	34.7	4.33	1500	0.28	1.50	3.8	124.0
456549		7.43	19.75	0.12	3.6	0.043	0.061	0.98	20.9	9.6	5.48	1030	3.35	1.97	29.4	355
456550		9.47	18.95	0.08	1.2	0.044	0.077	0.04	4.0	20.5	4.76	1440	0.32	1.40	4.0	155.0
456551		8.10	15.80	0.08	0.8	0.016	0.059	0.03	3.1	31.6	4.50	1460	0.28	1.36	3.0	162.5
456552		7.08	14.30	0.07	0.7	0.029	0.054	0.04	2.9	23.9	3.77	1330	0.27	1.13	2.8	133.0
456553		9.81	22.8	0.10	1.4	0.133	0.062	1.25	11.6	32.5	3.04	1880	1.88	1.52	7.9	110.0
456554		9.30	22.7	0.12	2.0	0.121	0.038	1.06	31.9	22.9	1.71	3580	2.60	2.62	9.6	55.6
456555		10.40	21.5	0.10	1.9	0.031	0.103	0.29	5.9	22.2	3.51	1860	0.45	1.71	5.9	58.3
456556		0.36	0.66	0.11	0.1	<0.005	0.005	0.03	1.5	2.4	3.11	221	0.05	0.11	0.2	1.8
456557		9.44	19.55	0.08	2.1	0.023	0.094	0.10	5.5	13.9	3.38	2150	0.33	2.40	5.4	53.9
456558		8.76	22.3	0.09	1.9	0.009	0.058	0.44	16.6	18.4	2.64	1420	3.11	3.57	7.1	56.2
456559		10.65	21.4	0.08	2.1	0.015	0.097	0.22	7.1	17.1	3.41	1720	0.45	2.18	6.2	58.5
456560		10.60	21.3	0.09	1.9	0.022	0.091	0.13	6.7	11.8	3.28	1720	0.37	1.75	5.9	56.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163685

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456541		450	2.2	35.2	<0.002	0.63	0.59	3.1	1	0.5	28.0	0.56	0.07	1.86	0.106	0.07
456542		400	2.1	33.3	<0.002	0.53	0.83	2.2	1	0.5	52.3	0.14	0.05	0.91	0.046	0.06
456544		580	2.0	10.0	<0.002	0.69	1.29	0.6	1	0.5	50.8	0.07	<0.05	0.30	0.012	0.02
456545		430	2.2	24.2	<0.002	0.63	1.13	1.0	1	0.5	74.2	0.07	<0.05	0.25	0.012	0.05
456546		290	1.9	2.6	<0.002	0.67	0.62	3.7	1	0.3	58.0	0.05	0.06	0.13	0.066	<0.02
456547		430	3.2	7.6	0.002	0.06	0.14	41.7	1	0.6	112.0	0.23	<0.05	0.35	0.755	0.12
456548		420	2.1	3.9	0.003	0.09	0.32	38.8	1	0.8	87.5	0.23	<0.05	0.32	0.709	0.08
456549		1850	5.2	31.0	<0.002	0.03	0.37	21.8	1	1.4	476	1.64	0.07	3.03	1.045	0.07
456550		440	4.4	1.7	0.003	0.13	1.36	40.6	1	0.8	230	0.23	<0.05	0.34	0.713	0.04
456551		340	1.4	1.3	0.002	0.01	0.32	31.8	<1	0.6	82.5	0.18	<0.05	0.24	0.555	0.02
456552		330	1.8	1.8	0.002	0.03	0.37	29.1	<1	0.5	96.0	0.16	<0.05	0.23	0.507	0.03
456553		360	3.0	28.5	0.004	1.17	0.60	28.5	2	0.7	61.5	0.54	<0.05	4.38	0.538	0.39
456554		370	3.0	44.3	0.004	1.01	0.75	19.5	1	0.6	47.3	0.67	0.05	8.82	0.424	0.38
456555		600	1.7	20.4	0.004	0.04	0.30	46.7	1	1.1	123.0	0.34	<0.05	0.60	0.971	0.24
456556		70	<0.5	1.3	<0.002	0.03	0.09	1.0	1	<0.2	81.2	<0.05	<0.05	0.09	0.021	0.02
456557		570	1.1	4.9	0.002	0.12	0.37	40.4	<1	1.0	93.8	0.32	<0.05	0.55	0.861	0.05
456558		540	1.7	23.1	0.004	0.08	0.30	30.1	<1	0.9	70.6	0.47	<0.05	4.73	0.659	0.35
456559		630	1.4	14.2	0.002	0.15	0.40	45.0	1	0.9	113.0	0.37	<0.05	1.04	0.946	0.15
456560		640	1.9	7.2	0.003	0.13	0.50	44.5	1	0.8	176.0	0.35	<0.05	0.61	0.970	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163685

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456541		1.2	66	0.5	10.9	44	42.7
456542		0.7	43	0.1	10.4	88	11.9
456544		0.3	23	0.2	15.5	84	5.9
456545		0.2	26	0.1	10.6	55	4.8
456546		0.2	33	0.1	9.7	43	7.6
456547		0.1	356	0.5	11.5	81	39.4
456548		0.1	333	0.6	20.8	91	26.7
456549		0.7	142	3.7	20.8	103	133.5
456550		0.1	336	0.6	23.6	95	42.0
456551		0.1	267	0.4	18.3	84	25.0
456552		0.1	244	0.4	16.9	73	19.4
456553		2.7	302	1.2	15.7	108	42.5
456554		4.1	220	1.2	17.5	79	60.3
456555		0.2	430	0.5	31.4	83	60.0
456556		0.2	7	0.2	2.8	5	2.1
456557		0.2	384	0.5	29.0	46	64.7
456558		1.7	307	0.5	21.3	29	60.6
456559		0.4	415	0.8	31.0	48	67.8
456560		0.2	428	0.8	31.9	60	62.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163685

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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Finalisée date: 23- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18163688

Projet: Kan

Bon de commande #: KANDH18- 029

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

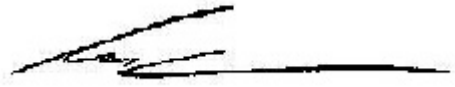
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 23- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163688

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456561		4.79	0.004	0.06	6.95	3.6	20	0.44	0.01	6.35	0.08	15.15	40.1	65	0.96	178.5
456562		5.34	<0.001	0.07	7.00	3.9	40	0.47	0.01	6.70	0.08	13.15	41.1	89	1.52	111.0
456563		4.44	<0.001	0.06	7.03	16.4	10	0.38	0.01	6.98	0.13	9.59	47.4	155	0.19	120.0
456564		4.82	<0.001	0.05	7.33	24.9	10	0.36	0.01	6.75	0.12	8.86	57.0	170	0.19	124.5
456565		4.99	<0.001	0.06	6.99	21.2	10	0.29	0.01	6.17	0.12	8.43	52.8	164	0.21	144.0
456566		4.95	<0.001	0.06	7.11	22.1	20	0.31	0.01	6.36	0.13	7.66	52.6	184	0.26	136.0
456567		4.81	<0.001	0.06	7.07	37.7	20	0.30	0.01	6.24	0.14	7.28	56.1	183	0.36	141.5
456568		4.88	0.001	0.07	7.22	35.2	20	0.40	0.01	6.08	0.15	7.91	52.2	184	0.61	143.0
456569		0.07	7.86	1.27	6.04	31.8	300	0.85	0.45	2.91	0.10	29.6	39.6	322	0.64	111.0
456570		4.73	0.001	0.05	6.93	30.7	20	0.33	0.01	6.73	0.11	7.93	52.1	150	0.55	124.0
456571		4.35	<0.001	0.03	7.29	23.5	30	0.37	0.01	7.01	0.11	9.73	52.3	159	0.52	100.0
456572		4.24	<0.001	0.09	7.35	15.4	20	0.46	0.01	7.02	0.09	10.25	45.8	156	0.43	53.6
456573		5.14	<0.001	0.06	7.21	16.4	20	0.50	0.04	6.56	0.14	11.40	46.1	160	0.61	122.0
456574		4.76	<0.001	0.04	6.91	7.7	130	0.86	0.05	5.51	0.12	12.25	46.3	108	6.25	133.0
456575		4.55	0.001	0.08	6.76	6.3	160	0.88	0.02	4.14	0.11	12.25	48.0	85	7.08	147.0
456576		0.24	<0.001	<0.01	0.12	0.3	10	0.06	<0.01	32.5	<0.02	0.99	1.0	2	0.09	3.5
456577		4.44	0.003	0.20	7.36	29.5	100	1.00	0.21	5.36	0.18	19.50	72.3	94	5.24	637
456578		4.40	<0.001	0.05	7.46	15.2	80	0.73	0.07	6.70	0.20	16.50	43.6	84	4.69	55.1
456579		4.25	<0.001	0.09	6.97	11.6	40	0.58	0.04	5.56	0.16	10.40	43.4	82	1.55	91.7
456580		4.55	0.001	0.12	7.02	15.8	20	0.52	0.03	5.81	0.13	11.20	47.4	79	0.74	104.0

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Projet: Kan

CERTIFICAT D'ANALYSE VO18163688

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456561		10.00	17.95	0.06	2.0	0.025	0.087	0.15	5.5	10.5	3.05	1560	0.49	1.68	4.9	47.8
456562		9.69	18.55	0.06	1.6	0.024	0.093	0.22	4.8	12.0	3.30	1540	0.24	1.49	4.9	60.6
456563		8.81	16.55	0.05	1.1	0.028	0.075	0.05	3.4	13.6	4.32	1400	0.21	1.78	3.4	131.5
456564		9.24	16.50	0.06	0.6	0.040	0.070	0.05	3.1	15.8	5.26	1430	0.22	1.67	3.2	203
456565		9.09	14.90	0.06	1.0	0.037	0.063	0.06	3.0	15.9	5.06	1390	0.21	1.64	2.9	201
456566		8.84	15.65	0.05	0.8	0.033	0.060	0.08	2.7	14.6	4.93	1360	0.23	1.84	2.9	191.5
456567		8.67	14.70	0.05	0.7	0.041	0.060	0.08	2.6	14.6	5.05	1340	0.16	1.84	2.6	202
456568		8.87	15.80	0.07	0.6	0.034	0.064	0.12	2.8	17.4	5.01	1310	0.22	1.71	2.8	205
456569		5.44	14.55	0.08	2.4	0.145	0.045	1.05	15.0	13.4	3.90	728	5.76	1.18	16.6	245
456570		8.69	15.00	0.06	1.1	0.020	0.062	0.11	2.8	22.0	4.90	1340	0.20	1.52	2.8	205
456571		9.15	16.65	0.05	0.7	0.032	0.065	0.16	3.5	15.1	4.56	1420	0.21	1.16	3.4	154.0
456572		9.07	17.25	0.07	1.7	0.023	0.072	0.11	3.5	14.2	4.36	1410	0.13	1.67	3.8	126.0
456573		9.48	17.15	0.06	1.3	0.013	0.077	0.13	4.1	14.5	4.28	1360	0.28	1.70	3.7	116.5
456574		9.51	18.75	0.05	1.3	0.011	0.094	0.85	4.6	21.1	3.56	2290	0.29	1.83	4.7	86.4
456575		9.92	18.75	0.07	1.3	0.011	0.104	1.09	4.6	29.7	3.71	2420	0.30	1.51	4.9	96.9
456576		0.18	0.34	0.06	0.1	<0.005	0.006	0.02	1.1	1.2	1.22	108	<0.05	0.04	0.1	1.1
456577		8.56	19.00	0.07	1.6	0.031	0.068	0.61	7.8	16.6	1.81	2560	0.67	3.30	7.3	86.9
456578		8.95	19.75	0.07	1.2	0.008	0.104	0.58	6.0	22.3	2.71	3410	0.21	2.48	5.0	79.5
456579		9.38	17.40	0.05	1.0	0.025	0.079	0.31	3.9	15.5	3.71	1810	0.23	2.13	4.4	94.6
456580		9.56	17.85	0.06	1.0	0.018	0.085	0.13	4.0	13.8	3.66	1600	0.21	1.84	4.5	96.9

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Finalisée date: 23- JUIL- 2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18163688

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456561		570	1.7	7.7	0.003	0.14	0.40	39.6	1	0.7	153.0	0.31	<0.05	0.53	0.946	0.09
456562		550	1.6	12.8	0.002	0.07	0.44	41.2	1	0.7	160.5	0.31	<0.05	0.45	0.908	0.12
456563		420	1.3	1.9	0.002	0.02	0.44	37.4	1	0.6	135.5	0.21	<0.05	0.27	0.692	0.02
456564		390	1.5	1.7	0.002	0.02	0.48	35.6	1	0.6	153.5	0.20	<0.05	0.26	0.665	<0.02
456565		380	1.1	2.1	0.002	0.02	0.35	34.5	1	0.5	133.5	0.19	<0.05	0.25	0.653	0.02
456566		340	1.4	3.0	0.003	0.05	0.38	33.8	1	0.5	165.0	0.18	<0.05	0.22	0.621	0.04
456567		330	1.4	3.8	<0.002	0.02	0.35	33.2	1	0.4	152.0	0.16	<0.05	0.19	0.600	0.04
456568		350	1.6	6.0	<0.002	0.04	0.34	34.1	1	0.5	154.0	0.19	<0.05	0.22	0.626	0.07
456569		1080	9.2	37.0	<0.002	0.08	0.74	19.3	1	1.0	273	0.91	0.23	2.34	0.664	0.18
456570		350	1.2	5.7	<0.002	0.12	0.27	32.1	1	0.5	94.3	0.18	<0.05	0.24	0.631	0.05
456571		430	1.9	8.3	<0.002	0.12	0.43	37.1	1	0.7	176.5	0.22	<0.05	0.30	0.699	0.06
456572		430	1.8	5.7	<0.002	0.05	0.38	38.4	<1	0.5	148.5	0.24	<0.05	0.34	0.736	0.05
456573		470	2.3	6.9	0.002	0.04	0.42	39.0	1	0.6	160.0	0.24	<0.05	0.32	0.759	0.07
456574		550	2.0	40.2	0.002	0.07	0.24	37.3	1	0.8	127.5	0.29	<0.05	0.48	0.853	0.55
456575		610	1.3	44.9	0.003	0.03	0.17	37.4	<1	0.8	74.3	0.31	<0.05	0.41	0.886	0.75
456576		70	<0.5	0.9	<0.002	<0.01	0.05	0.5	1	<0.2	82.5	<0.05	<0.05	0.06	0.012	<0.02
456577		380	2.6	47.3	0.007	1.09	0.14	25.0	3	0.6	76.2	0.56	0.08	5.03	0.576	0.40
456578		600	2.0	43.4	<0.002	0.04	0.18	41.3	<1	0.6	96.8	0.33	<0.05	0.51	0.916	0.45
456579		500	2.1	11.4	<0.002	0.06	0.25	34.8	1	0.5	140.0	0.27	<0.05	0.35	0.806	0.21
456580		500	2.5	5.2	0.002	0.08	0.34	36.8	1	0.6	156.5	0.28	<0.05	0.40	0.820	0.08

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Finalisée date: 23- JUIL- 2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18163688

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456561		0.2	411	0.7	29.5	62	58.9
456562		0.1	413	0.9	29.4	65	57.0
456563		0.1	332	0.6	22.9	89	32.0
456564		0.1	317	0.6	21.6	97	19.0
456565		0.1	314	0.5	20.4	96	18.6
456566		0.1	303	0.5	18.9	92	20.5
456567		0.1	293	0.5	17.8	90	23.4
456568		0.1	307	0.5	19.7	90	23.8
456569		0.5	143	9.2	14.7	82	96.4
456570		0.1	300	0.5	19.4	91	20.2
456571		0.1	333	0.6	23.8	94	28.0
456572		0.1	344	0.6	25.6	76	50.6
456573		0.1	360	0.5	25.3	85	46.7
456574		0.2	395	0.5	25.8	80	55.9
456575		0.2	411	0.5	24.8	79	57.6
456576		0.1	5	<0.1	2.3	3	1.9
456577		1.2	299	0.5	21.9	65	59.9
456578		0.2	415	0.5	29.0	74	48.6
456579		0.1	371	0.4	23.5	77	36.1
456580		0.1	370	0.4	25.1	80	36.6

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CERTIFICAT D'ANALYSE VO18163688

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 26- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18163690

Projet: Kan

Bon de commande #: KANDH18- 031

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

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plus les pages d'annexe
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CERTIFICAT D'ANALYSE VO18163690

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456601		4.37	<0.001	0.22	6.82	23.6	50	0.38	0.05	5.58	0.15	9.89	44.3	134	0.31	166.5
456602		4.35	<0.001	0.06	6.55	32.2	30	0.37	0.01	7.25	0.09	8.98	39.0	131	0.31	126.0
456603		4.34	0.001	0.18	6.54	10.9	50	0.47	0.04	6.26	0.08	9.17	46.2	141	0.62	141.5
456604		4.16	0.003	0.23	6.99	398	130	0.81	0.16	4.12	1.54	8.82	48.4	143	0.71	176.0
456605		4.95	0.006	0.31	6.34	449	130	0.77	0.31	4.39	5.01	8.69	45.0	133	0.72	185.5
456606		4.39	0.001	0.36	6.90	25.4	240	0.89	0.05	5.96	0.60	10.20	53.3	141	1.37	188.5
456607		4.24	<0.001	0.18	6.33	18.6	140	0.68	0.02	6.53	0.19	10.40	53.7	134	0.83	188.5
456608		4.39	<0.001	0.06	6.35	47.3	120	0.87	0.01	7.41	0.16	9.35	45.2	133	0.88	113.5
456609		0.07	2.55	0.47	7.00	12.7	330	1.31	0.18	5.00	0.09	43.8	54.9	326	0.77	85.1
456610		4.38	0.024	0.06	5.74	57.7	20	0.36	0.01	7.05	0.09	7.68	47.2	121	0.31	133.5
456611		3.83	<0.001	0.16	6.50	40.0	70	0.48	0.01	6.49	0.07	9.32	35.3	138	0.68	142.0
456612		2.91	0.041	1.41	5.41	104.5	110	1.15	0.33	0.76	4.03	53.4	31.4	66	2.65	218
456613		4.81	0.090	2.08	5.90	102.5	100	1.27	0.44	0.54	4.72	54.8	27.8	78	3.06	198.5
456614		4.55	0.048	1.77	5.66	126.5	140	1.16	0.37	0.43	4.62	56.6	31.2	70	2.93	142.5
456615		4.69	0.073	1.83	5.96	139.5	140	1.29	0.40	0.17	3.50	47.9	31.4	71	3.08	112.0
456616		0.24	0.001	0.01	0.06	<0.2	20	0.06	0.01	32.9	0.02	0.98	0.8	2	<0.05	1.6
456617		5.20	0.039	1.71	5.42	110.5	80	1.38	0.43	0.33	5.54	54.8	34.9	80	2.99	207
456618		5.00	0.040	1.45	5.21	136.5	70	1.26	0.42	0.45	6.11	50.4	35.5	71	2.78	147.0
456619		4.24	0.030	0.98	5.02	111.0	140	1.16	0.26	0.51	7.15	58.4	38.8	69	2.52	175.5
456620		4.34	0.023	1.34	6.70	67.9	160	1.69	0.30	0.37	3.81	60.8	27.8	81	3.75	239

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18163690

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456601		9.30	18.40	0.07	1.7	0.006	0.076	0.22	4.1	64.4	3.47	1110	0.82	2.25	1.3	94.0
456602		7.66	17.35	0.06	1.5	<0.005	0.065	0.24	3.5	60.9	3.25	1260	0.28	1.93	1.2	86.1
456603		8.26	16.75	0.07	1.6	<0.005	0.049	0.44	3.6	68.5	3.36	1220	0.32	1.31	1.2	122.0
456604		10.45	19.35	0.09	1.6	0.062	0.180	0.56	3.4	96.3	4.31	1440	0.28	0.77	0.9	91.8
456605		11.05	18.25	0.09	1.5	0.145	0.386	0.56	3.5	87.5	4.35	1850	0.43	0.59	1.0	84.0
456606		9.38	18.70	0.09	1.8	0.013	0.092	1.10	4.1	65.4	3.52	1910	0.51	0.91	1.3	95.2
456607		9.05	16.90	0.07	1.5	0.009	0.076	0.69	4.4	50.8	2.74	1400	1.07	1.58	1.3	100.5
456608		7.70	17.05	0.07	1.5	0.007	0.068	0.79	3.8	65.1	3.26	1740	0.28	0.77	1.6	113.5
456609		7.70	20.0	0.11	3.7	0.064	0.063	1.01	21.8	9.4	5.71	1080	3.49	2.04	30.6	369
456610		8.12	15.10	0.06	1.0	<0.005	0.062	0.28	3.0	75.9	3.83	1360	0.22	0.77	1.5	136.0
456611		8.86	17.60	0.07	1.2	<0.005	0.073	0.64	3.7	77.9	3.80	1420	0.39	0.75	1.7	93.0
456612		19.05	19.10	0.17	3.1	0.153	0.191	1.98	29.2	21.8	0.95	401	25.5	0.14	8.5	168.5
456613		19.00	22.3	0.18	4.3	0.168	0.236	2.29	27.2	28.7	1.12	338	25.7	0.15	16.4	173.0
456614		18.35	20.3	0.17	3.6	0.211	0.217	2.05	31.1	24.2	0.96	301	26.8	0.12	12.5	139.0
456615		18.25	20.8	0.16	3.7	0.193	0.155	2.20	25.5	24.3	0.84	212	26.8	0.13	14.0	124.5
456616		0.18	0.28	0.16	<0.1	<0.005	<0.005	0.01	1.2	1.1	2.15	107	0.12	0.02	0.1	0.6
456617		21.5	19.60	0.19	3.6	0.194	0.156	2.25	26.5	21.2	0.69	305	26.3	0.13	12.6	201
456618		19.90	19.30	0.19	3.2	0.237	0.171	1.95	26.6	22.1	0.84	366	27.1	0.11	10.1	142.5
456619		19.20	17.90	0.16	3.1	0.152	0.165	1.73	32.8	22.1	0.95	544	26.7	0.10	9.1	151.0
456620		17.00	23.9	0.18	4.7	0.121	0.128	2.66	30.5	25.2	0.93	453	30.9	0.15	13.6	167.5

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CERTIFICAT D'ANALYSE VO18163690

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456601		360	8.6	7.0	0.003	1.81	0.54	42.6	1	0.5	92.7	0.08	0.16	0.34	0.216	0.34
456602		360	6.3	7.9	0.002	0.61	0.36	41.1	1	0.3	94.8	0.08	<0.05	0.27	0.222	0.36
456603		380	16.1	13.9	0.002	1.99	0.65	38.8	1	0.6	109.0	0.07	0.13	0.30	0.212	0.69
456604		360	19.1	14.1	0.003	2.21	1.59	44.1	2	1.5	79.1	0.05	0.26	0.26	0.172	0.91
456605		330	34.0	18.8	0.002	2.45	2.20	39.0	3	1.8	67.2	0.06	0.31	0.28	0.195	0.98
456606		380	138.5	39.2	0.002	2.26	0.91	42.7	1	1.5	100.0	0.08	0.17	0.33	0.244	1.88
456607		350	10.4	24.8	0.003	2.18	0.50	37.2	1	0.6	105.5	0.07	0.13	0.43	0.202	1.10
456608		360	4.8	27.1	0.002	0.63	0.33	38.2	1	0.7	124.0	0.09	<0.05	0.28	0.286	1.20
456609		1950	5.4	32.1	<0.002	0.04	0.38	22.4	<1	1.4	497	1.67	0.11	3.15	1.090	0.08
456610		310	4.3	8.3	0.002	0.41	0.33	35.1	1	0.3	101.5	0.09	<0.05	0.23	0.272	0.38
456611		370	7.9	20.2	0.002	0.75	0.39	41.4	1	0.6	98.8	0.10	<0.05	0.29	0.314	1.11
456612		280	52.2	64.1	0.028	>10.0	8.19	10.9	7	3.0	34.3	0.60	1.04	4.52	0.114	4.36
456613		360	73.6	53.5	0.030	>10.0	12.80	10.9	7	3.9	34.0	1.21	1.40	4.58	0.163	5.04
456614		290	67.5	69.4	0.031	>10.0	11.05	10.6	6	3.3	28.2	0.92	1.18	5.19	0.136	4.63
456615		290	74.1	67.7	0.030	>10.0	12.30	11.3	6	3.6	24.6	0.99	1.36	4.46	0.170	4.97
456616		50	0.6	0.6	<0.002	0.04	0.09	0.2	1	<0.2	80.1	<0.05	<0.05	0.08	0.005	0.02
456617		330	63.6	55.5	0.031	>10.0	9.24	10.5	10	3.4	31.0	0.79	1.14	4.16	0.152	4.88
456618		300	62.8	58.8	0.029	>10.0	9.05	10.8	7	3.6	30.4	0.68	1.20	4.34	0.131	4.23
456619		260	43.9	62.5	0.028	>10.0	5.46	10.5	9	3.1	30.2	0.64	0.72	4.54	0.126	3.60
456620		330	51.4	74.3	0.035	>10.0	6.42	12.4	7	4.4	36.1	1.03	0.78	5.26	0.147	5.44

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Finalisée date: 26- JUIL- 2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18163690

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456601		0.3	310	0.3	4.2	138	71.9
456602		0.1	301	0.7	4.7	106	43.1
456603		0.2	290	0.5	3.3	99	49.8
456604		0.1	334	0.7	3.5	584	49.3
456605		0.2	295	0.7	3.4	1520	46.2
456606		0.2	318	0.8	4.5	318	52.4
456607		0.5	283	0.5	5.0	132	49.4
456608		0.2	297	0.9	5.1	154	46.3
456609		0.7	149	3.7	21.3	107	137.5
456610		0.1	265	0.2	3.7	89	31.2
456611		0.2	320	0.4	4.9	98	45.8
456612		18.2	277	0.9	12.2	1020	101.5
456613		17.8	260	1.2	13.4	1240	140.0
456614		18.7	270	1.2	14.7	1220	117.5
456615		20.3	291	1.4	13.6	877	120.0
456616		0.2	1	<0.1	2.1	6	1.5
456617		23.3	291	1.3	10.9	1200	121.0
456618		20.4	293	1.1	12.1	1390	107.5
456619		18.9	281	1.1	13.7	1510	107.0
456620		21.1	330	1.4	13.6	854	156.0

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CERTIFICAT D'ANALYSE VO18163690

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 28-JUIL-2018
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CERTIFICAT VO18163691

Projet: Kan

Bon de commande #: KANDH18-032

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4-JUIL-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL-LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

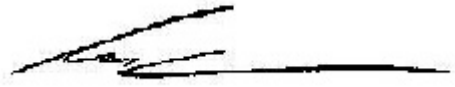
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18163691

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
456621		4.38	0.031	1.73	6.19	109.5	190	1.31	0.34	0.25	3.52	72.0	40.3	78	2.63	110.5
456622		4.75	0.033	1.32	6.77	98.9	150	1.53	0.34	0.57	4.46	49.9	34.5	86	3.14	108.5
456623		4.32	0.029	1.20	6.53	26.2	180	1.66	0.20	0.99	6.39	55.6	13.7	86	3.23	293
456624		4.23	0.017	1.44	7.32	7.1	280	1.91	0.35	0.36	5.66	86.3	3.8	99	3.36	255
456625		4.36	0.013	0.96	8.07	6.7	300	2.09	0.15	0.53	6.07	56.4	8.7	99	3.55	282
456626		4.69	0.035	2.55	5.30	10.4	160	1.25	0.46	0.41	8.60	88.3	7.7	62	2.75	426
456627		3.16	0.009	0.79	8.62	22.1	330	2.43	0.12	0.37	2.63	85.5	20.8	113	3.96	179.0
456628		3.02	0.004	0.31	10.25	13.2	410	3.91	0.03	0.56	4.47	89.2	8.1	139	6.01	106.0
456629		0.06	7.73	1.36	6.18	35.2	320	1.00	0.47	3.01	0.07	31.5	39.9	343	0.64	116.5
456630		2.22	0.092	2.15	3.97	27.7	150	1.62	0.36	0.95	30.6	44.4	16.7	84	3.87	327
456631		1.81	0.075	1.74	1.54	60.9	30	0.31	0.33	3.83	7.62	41.6	27.2	36	0.88	385
456632		2.26	0.074	1.85	1.18	392	20	0.28	0.36	3.60	7.72	38.2	15.3	38	0.71	350
456633		2.17	0.056	1.63	1.89	197.0	60	0.59	0.35	3.29	8.95	48.0	33.3	37	1.44	257
456634		2.42	0.053	1.61	2.15	84.9	90	0.86	0.30	2.24	8.12	38.1	9.8	37	1.88	309
456635		2.30	0.073	1.96	2.01	63.9	110	1.01	0.37	2.58	11.80	43.5	25.0	46	2.38	342
456636		0.23	0.003	0.01	0.05	0.7	10	0.07	<0.01	33.1	0.03	1.00	0.5	2	<0.05	1.8
456637		2.26	0.063	1.49	1.83	63.7	80	0.79	0.30	2.85	11.10	43.5	27.9	40	1.77	277
456638		2.40	0.057	1.17	1.41	71.2	60	0.58	0.26	4.50	9.04	33.8	38.6	39	1.16	189.0
456639		2.04	0.070	1.51	2.21	77.0	130	1.19	0.36	2.51	10.30	44.4	15.0	43	2.39	240
456640		2.15	0.074	1.67	2.55	58.7	190	1.80	0.40	1.52	13.10	50.3	20.3	48	3.26	259

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18163691

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
456621		16.00	21.0	0.14	3.6	0.184	0.124	2.22	39.3	25.9	0.87	294	27.3	0.15	12.5	118.0
456622		14.20	20.3	0.12	3.3	0.236	0.108	2.61	25.8	24.7	0.95	440	27.2	0.19	10.4	116.0
456623		17.50	16.85	0.14	3.1	0.096	0.094	2.54	31.8	21.4	0.98	744	33.3	0.18	7.7	218
456624		15.05	21.4	0.14	4.4	0.078	0.104	2.83	49.5	25.2	0.86	312	39.3	0.20	12.5	187.5
456625		13.35	21.3	0.14	3.5	0.092	0.124	3.21	31.8	20.3	0.70	388	28.3	0.51	7.8	174.5
456626		22.8	17.35	0.15	3.8	0.133	0.167	2.05	48.7	19.7	0.69	357	59.8	0.12	8.1	321
456627		13.00	25.6	0.16	5.5	0.039	0.096	3.20	45.1	32.8	0.88	334	13.60	0.56	14.7	156.5
456628		6.14	30.9	0.21	6.6	0.075	0.115	4.51	48.6	39.1	0.89	521	14.05	0.34	23.2	68.7
456629		5.61	15.30	0.12	2.4	0.155	0.045	1.07	15.7	16.8	4.04	747	5.98	1.19	16.8	252
456630		18.65	10.75	0.17	1.5	0.425	0.185	1.68	29.5	16.5	0.67	727	149.0	0.07	2.0	230
456631		19.65	4.70	0.13	0.9	0.134	0.050	0.17	25.7	20.0	2.20	5990	107.0	0.01	2.0	201
456632		20.8	3.93	0.14	0.7	0.123	0.044	0.14	24.1	14.8	2.10	6790	90.6	0.01	1.5	218
456633		18.25	5.96	0.14	1.0	0.127	0.041	0.37	29.3	21.2	1.97	5600	119.0	0.02	1.9	170.5
456634		19.35	6.82	0.14	1.0	0.128	0.037	0.48	23.2	24.1	1.71	4360	111.0	0.02	1.5	197.5
456635		20.8	6.21	0.15	1.1	0.172	0.049	0.61	27.0	16.7	1.58	4770	138.0	0.02	2.3	216
456636		0.21	0.23	0.07	<0.1	<0.005	<0.005	0.01	1.2	1.0	2.34	148	0.29	0.03	0.1	0.4
456637		18.30	5.59	0.12	0.9	0.145	0.041	0.40	26.7	22.4	1.73	5090	112.0	0.01	1.8	173.5
456638		16.40	4.18	0.10	0.7	0.156	0.036	0.25	20.9	18.8	2.32	8440	93.6	0.01	1.5	122.5
456639		15.85	6.81	0.11	1.1	0.159	0.043	0.62	26.7	23.6	1.70	5070	127.0	0.02	1.8	141.0
456640		15.45	7.87	0.13	1.3	0.178	0.052	0.88	31.0	24.0	1.16	3170	153.0	0.04	1.8	154.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163691

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
456621		280	55.1	73.6	0.029	>10.0	7.58	9.6	6	3.6	28.8	0.90	1.02	6.78	0.139	3.95
456622		340	56.7	73.7	0.029	>10.0	8.72	13.6	7	2.7	41.6	0.64	1.02	4.58	0.211	4.31
456623		450	58.6	85.2	0.041	>10.0	3.88	13.3	12	2.1	50.6	0.45	0.34	4.49	0.172	4.03
456624		440	93.6	92.9	0.048	7.89	3.92	15.2	8	2.6	41.4	0.82	0.38	7.74	0.200	4.18
456625		360	39.9	98.0	0.027	7.36	2.76	16.5	7	2.2	59.4	0.41	0.28	4.60	0.250	4.40
456626		410	72.6	73.5	0.062	>10.0	7.92	8.0	10	2.2	31.7	0.57	0.75	7.01	0.097	3.41
456627		390	22.1	96.0	0.017	6.96	2.14	19.3	5	3.0	70.4	0.78	0.30	6.89	0.265	4.76
456628		460	10.6	137.0	0.015	3.23	1.20	23.4	5	3.7	81.6	1.23	0.13	7.18	0.481	6.46
456629		1110	9.1	38.1	<0.002	0.09	0.78	20.4	1	1.0	284	0.92	0.24	2.32	0.685	0.19
456630		1030	60.6	73.3	0.148	>10.0	11.05	8.8	19	1.7	40.1	0.14	0.66	4.26	0.076	3.54
456631		3260	50.8	9.2	0.049	9.77	9.67	3.7	17	0.4	84.9	0.12	0.66	2.07	0.035	0.62
456632		3980	56.6	8.2	0.053	>10.0	10.35	2.8	19	0.3	76.2	0.09	0.77	1.59	0.029	0.61
456633		3130	55.5	19.0	0.050	9.40	10.35	4.2	17	0.6	79.8	0.13	0.69	2.50	0.036	1.04
456634		1830	52.7	24.7	0.044	9.82	9.91	4.7	20	0.8	64.3	0.10	0.64	2.48	0.032	1.24
456635		2200	60.2	30.4	0.057	>10.0	11.50	4.8	22	0.9	67.3	0.14	0.73	2.77	0.042	1.59
456636		80	0.5	0.2	<0.002	0.03	0.07	0.2	1	<0.2	75.2	<0.05	<0.05	0.05	<0.005	<0.02
456637		2980	49.5	20.2	0.047	9.40	9.49	3.9	17	0.7	70.2	0.12	0.57	2.40	0.039	1.08
456638		3510	44.1	12.9	0.052	7.81	7.69	2.7	13	0.4	97.1	0.10	0.48	1.75	0.031	0.73
456639		1980	55.5	30.5	0.049	8.23	10.55	4.8	14	0.8	74.5	0.13	0.65	2.81	0.038	1.58
456640		1140	68.2	43.6	0.057	8.61	12.00	6.0	16	1.1	52.8	0.12	0.69	3.52	0.039	2.10

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163691

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
456621		15.7	264	1.0	14.1	978	141.0
456622		17.0	340	1.3	11.8	1050	131.0
456623		19.3	537	1.4	12.4	1200	120.0
456624		23.7	494	2.2	14.0	1020	166.5
456625		16.2	337	1.5	10.1	1140	139.0
456626		28.2	610	1.3	15.2	1660	142.0
456627		11.9	182	1.1	12.5	551	216
456628		13.3	225	1.6	14.5	837	257
456629		0.6	146	8.9	14.6	86	102.5
456630		60.0	1790	2.3	23.0	4670	60.7
456631		36.0	758	1.0	21.5	1260	40.4
456632		35.2	784	0.8	20.7	1220	32.3
456633		39.0	895	0.8	22.0	1360	44.8
456634		37.4	858	0.7	18.6	1220	44.1
456635		48.2	954	1.0	20.4	1750	48.7
456636		0.2	3	<0.1	2.1	7	1.4
456637		39.4	837	1.0	19.5	1650	41.6
456638		35.0	693	0.8	18.2	1360	31.9
456639		43.1	916	0.9	20.3	1480	47.5
456640		53.3	1040	0.9	18.6	1820	58.0

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CERTIFICAT D'ANALYSE VO18163691

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18163695

Projet: Kan

Bon de commande #: KANDH18- 033

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

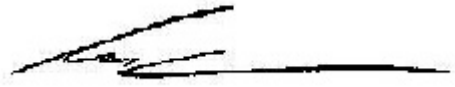
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18163695

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456641		2.20	0.080	1.80	2.10	271	140	1.34	0.41	2.41	16.30	43.3	34.5	44	2.08	296
456642		2.14	0.059	1.23	1.47	137.5	90	1.03	0.25	3.45	12.45	35.5	14.5	39	0.78	228
456643		2.57	0.037	0.71	1.34	221	20	0.92	0.16	3.65	5.06	43.2	14.6	28	0.25	165.5
456644		2.37	0.023	0.49	1.52	110.0	10	0.70	0.15	3.04	4.58	39.1	10.7	30	0.19	144.0
456645		2.25	0.067	0.61	2.29	338	10	1.15	0.24	2.70	18.50	46.6	16.8	40	0.25	157.5
456646		2.17	0.067	0.62	2.17	207	20	1.41	0.27	2.90	14.00	54.7	14.4	45	0.32	155.5
456647		2.25	0.049	0.41	1.71	30.2	50	1.03	0.17	3.51	9.32	37.2	15.2	36	0.37	161.5
456648		2.24	0.064	0.48	2.34	249	140	1.61	0.20	2.64	7.80	34.1	16.0	30	0.47	190.0
456649		0.07	0.669	0.22	7.29	20.9	330	1.38	0.13	4.53	0.21	50.0	43.1	195	1.93	55.2
456650		2.34	0.058	0.51	2.17	37.1	160	1.51	0.25	2.92	8.37	41.2	13.8	38	0.58	171.0
456651		2.11	0.032	0.61	2.01	78.1	50	0.75	0.20	2.88	2.62	35.3	23.5	32	0.47	220
456652		2.40	0.023	0.58	3.82	111.5	230	2.40	0.33	2.62	3.13	66.3	20.6	49	1.53	159.0
456653		2.35	0.045	1.02	5.78	2.0	210	3.60	0.50	0.50	11.35	79.3	51.0	70	3.11	319
456654		2.52	0.048	1.26	5.07	3.0	140	3.07	0.61	1.08	9.56	74.1	50.1	56	2.37	511
456655		2.49	0.036	0.82	5.76	5.7	260	3.51	0.42	0.60	8.76	83.0	42.0	64	3.05	251
456656		0.23	0.004	<0.01	0.07	0.3	20	0.09	0.01	34.5	0.03	1.13	0.6	2	<0.05	2.8
456657		4.29	0.020	0.44	2.67	195.5	10	0.39	0.21	3.13	0.81	47.7	16.5	46	0.23	97.5
456658		2.68	0.325	0.27	1.54	36.9	10	0.25	0.14	2.98	0.97	28.5	12.0	25	0.13	54.6
456659		2.03	0.048	0.25	1.34	36.7	10	0.24	0.13	3.42	0.48	34.3	9.3	23	0.17	42.5
456660		2.26	0.209	0.38	1.77	106.0	<10	0.32	0.11	3.28	1.43	37.8	10.8	29	0.24	94.5

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CERTIFICAT D'ANALYSE VO18163695

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456641		19.25	7.19	0.15	1.2	0.181	0.057	0.58	27.3	22.6	1.55	5280	134.5	0.03	3.9	170.5
456642		18.60	5.52	0.11	1.1	0.117	0.042	0.30	19.9	15.5	1.74	8290	66.8	0.07	3.6	123.5
456643		23.6	5.24	0.08	1.0	0.067	0.022	0.09	22.2	18.9	2.32	12350	32.7	0.12	2.5	66.9
456644		20.6	5.81	0.08	1.3	0.046	0.021	0.03	18.5	24.5	2.08	9840	29.8	0.08	2.5	43.3
456645		18.30	8.03	0.08	1.4	0.124	0.056	0.06	24.0	32.0	1.70	10200	49.7	0.23	3.1	55.6
456646		22.4	7.70	0.12	1.5	0.127	0.038	0.08	28.1	26.4	1.94	16900	52.8	0.27	4.3	50.0
456647		22.7	6.15	0.09	1.0	0.082	0.028	0.14	16.7	24.6	1.81	14350	33.1	0.12	1.8	46.6
456648		21.4	7.89	0.10	0.7	0.081	0.029	0.22	15.6	35.1	1.67	12100	25.0	0.10	1.5	53.1
456649		7.41	20.2	0.06	3.7	0.016	0.066	0.88	22.6	14.9	2.96	963	2.40	1.72	19.6	146.0
456650		21.4	7.42	0.10	1.0	0.078	0.039	0.31	19.6	27.2	1.71	13400	29.1	0.12	2.1	47.4
456651		20.4	6.99	0.08	0.9	0.035	0.025	0.28	14.8	27.0	1.82	12500	16.75	0.06	1.8	46.4
456652		14.35	11.95	0.09	2.1	0.053	0.047	1.06	29.2	41.2	1.78	6260	22.0	0.08	2.7	63.4
456653		14.90	16.50	0.12	3.2	0.083	0.086	2.40	34.9	42.7	1.00	887	5.32	0.12	2.5	106.0
456654		20.5	14.65	0.16	2.8	0.069	0.070	1.86	33.6	42.4	1.48	2030	8.60	0.11	1.7	142.5
456655		13.85	16.45	0.14	3.1	0.075	0.075	2.35	35.9	44.3	1.04	889	7.20	0.12	2.6	98.5
456656		0.17	0.23	<0.05	0.1	<0.005	<0.005	0.01	1.2	1.4	1.55	96	0.05	0.03	0.1	0.3
456657		20.4	7.92	0.09	1.5	0.026	0.029	0.11	23.2	40.2	2.29	4990	28.3	0.01	2.2	64.5
456658		19.30	5.07	0.07	0.8	0.022	0.026	0.03	11.5	28.8	1.79	9610	14.30	0.01	1.4	23.2
456659		22.9	4.63	0.06	0.8	0.010	0.026	0.02	13.8	25.6	2.19	14050	11.55	0.02	1.4	19.0
456660		22.9	6.07	0.07	0.9	0.029	0.030	0.11	16.9	23.6	2.03	14550	17.35	0.12	1.0	41.4

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CERTIFICAT D'ANALYSE VO18163695

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456641		2270	56.7	28.3	0.062	>10.0	11.60	4.9	19	0.9	66.7	0.21	0.72	2.73	0.047	1.57
456642		2830	32.1	14.5	0.057	7.28	6.83	3.3	15	0.5	86.3	0.21	0.48	2.00	0.035	0.83
456643		3160	16.6	4.1	0.023	4.37	3.07	2.8	9	0.2	77.2	0.16	0.40	2.21	0.033	0.24
456644		2720	14.5	1.6	0.021	2.97	2.43	2.5	6	<0.2	62.1	0.16	0.32	2.41	0.032	0.12
456645		2140	18.7	2.9	0.036	3.40	3.00	4.1	9	0.2	61.3	0.20	0.55	3.34	0.049	0.17
456646		2550	20.3	4.3	0.041	2.86	3.17	4.3	10	0.2	67.3	0.27	0.55	3.81	0.052	0.23
456647		2360	11.8	8.3	0.020	3.20	1.53	3.5	7	0.3	78.2	0.12	0.30	2.59	0.054	0.33
456648		1640	12.3	15.5	0.019	3.66	2.05	3.9	9	0.9	64.0	0.09	0.44	2.50	0.046	0.57
456649		1170	14.1	37.0	<0.002	0.03	1.02	19.2	1	1.8	355	1.16	0.06	4.87	0.925	0.19
456650		2110	14.6	18.8	0.021	3.41	2.01	4.2	7	1.0	75.5	0.12	0.38	3.09	0.041	0.77
456651		1790	8.8	13.4	0.012	3.53	1.27	3.5	5	0.3	71.2	0.10	0.37	2.49	0.036	0.60
456652		1510	11.5	45.8	0.018	3.39	1.46	6.7	6	1.3	74.7	0.17	0.39	6.14	0.071	1.59
456653		930	20.3	99.5	0.025	6.63	2.29	11.6	16	2.4	35.1	0.15	0.52	9.87	0.117	3.29
456654		1860	21.0	79.2	0.022	9.03	3.39	9.9	9	2.0	53.7	0.10	0.47	8.90	0.080	2.68
456655		1010	16.1	97.5	0.022	6.36	2.31	11.1	12	2.5	41.1	0.14	0.34	9.61	0.107	3.31
456656		60	<0.5	0.5	<0.002	0.02	0.06	0.2	<1	<0.2	81.5	<0.05	<0.05	0.10	0.005	0.02
456657		1950	12.1	4.1	0.018	3.60	2.27	4.8	7	<0.2	81.0	0.15	0.26	3.81	0.048	0.22
456658		1580	8.4	1.3	0.013	2.25	0.89	3.0	4	<0.2	71.3	0.09	0.22	1.84	0.035	0.07
456659		1820	5.3	1.5	0.009	1.75	1.02	2.7	3	<0.2	72.7	0.09	0.24	1.87	0.038	0.07
456660		2030	9.0	3.8	0.015	3.22	1.17	3.4	6	<0.2	79.3	0.07	0.22	2.50	0.023	0.18

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163695

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456641		46.6	962	0.8	20.0	2050	51.1
456642		27.2	609	0.4	18.3	1560	47.8
456643		15.1	299	0.2	17.2	750	38.9
456644		14.0	286	0.2	15.2	721	47.4
456645		23.8	411	0.2	15.7	2380	53.9
456646		27.0	428	0.2	18.3	1940	58.8
456647		15.0	247	0.2	13.2	1320	38.8
456648		12.4	268	0.2	9.9	1120	29.0
456649		1.1	148	2.2	19.5	134	146.5
456650		14.6	254	0.2	12.2	1200	39.5
456651		8.5	187	0.2	10.3	551	38.1
456652		11.2	270	0.7	12.7	520	75.5
456653		8.1	371	1.4	12.8	1160	108.5
456654		10.0	274	0.9	12.1	968	97.6
456655		7.6	316	1.3	12.1	918	110.5
456656		0.2	2	<0.1	2.0	6	1.6
456657		12.8	279	0.2	14.0	408	67.9
456658		7.0	167	0.1	9.3	386	30.3
456659		6.3	135	0.1	9.8	272	28.2
456660		8.5	171	0.2	11.1	582	33.0

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CERTIFICAT D'ANALYSE VO18163695

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18163698

Projet: Kan

Bon de commande #: KANDH18- 034

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

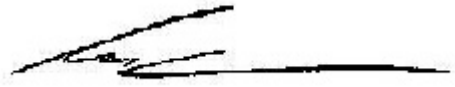
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18163698

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456661		2.78	0.019	0.55	1.97	317	<10	0.24	0.12	3.39	0.73	39.2	18.6	29	0.31	128.0
456662		2.24	0.012	0.72	1.96	230	<10	0.26	0.13	3.61	0.86	39.9	15.0	29	0.30	162.5
456663		2.27	0.019	0.78	2.61	486	10	0.46	0.15	3.47	9.68	40.5	15.2	37	0.57	186.0
456664		2.33	0.030	1.03	2.81	1030	20	0.49	0.19	3.55	6.79	50.0	34.6	38	0.63	246
456665		2.45	0.033	1.12	2.49	929	20	0.47	0.18	4.01	6.91	41.5	21.4	39	0.59	219
456666		1.81	0.005	0.59	3.13	450	80	0.61	0.09	4.07	6.00	40.2	11.4	29	0.85	199.0
456667		1.59	0.040	1.90	1.78	63.9	50	0.42	0.31	2.47	20.8	38.2	47.2	43	0.91	363
456668		3.60	0.022	1.17	7.02	3.9	260	2.03	0.14	0.96	10.45	57.8	10.7	96	3.27	272
456669		0.07	2.55	0.41	6.84	12.0	320	1.23	0.20	4.84	0.11	45.0	55.3	323	0.67	84.3
456670		4.83	0.046	1.86	4.47	32.3	160	1.20	0.25	2.11	19.80	46.8	13.9	74	2.94	382
456671		4.43	0.128	1.80	3.71	303	120	1.00	0.50	2.94	14.95	39.6	29.6	65	2.73	82.7
456672		3.92	0.072	1.04	5.37	229	150	1.19	0.27	3.37	9.72	50.5	21.9	75	3.15	66.3
456673		3.33	0.092	1.29	5.95	189.5	150	1.38	0.40	0.64	6.63	49.3	24.5	89	3.54	59.4
456674		4.97	0.022	1.24	4.99	77.1	140	1.06	0.34	0.92	4.47	47.7	51.1	68	1.99	245
456675		5.15	0.019	1.87	5.73	0.9	190	1.82	0.27	0.82	3.57	55.0	3.1	90	2.50	371
456676		0.27	<0.001	<0.01	0.07	<0.2	10	0.08	0.01	33.6	0.02	1.17	0.6	2	<0.05	2.7
456677		2.68	0.016	1.68	6.68	1.1	220	2.45	0.31	0.13	2.89	56.5	3.6	98	2.80	261
456678		3.44	<0.001	0.24	0.23	37.1	10	0.32	0.02	3.57	0.05	12.25	9.6	7	0.07	49.6
456679		2.66	<0.001	<0.01	0.10	1.0	<10	0.26	0.01	1.38	0.03	5.12	3.0	5	<0.05	3.9
456680		2.37	0.043	0.03	0.14	1.2	<10	0.27	0.02	2.49	0.07	7.06	3.3	4	0.05	6.4

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Projet: Kan

CERTIFICAT D'ANALYSE VO18163698

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456661		20.7	6.31	0.08	0.8	0.023	0.020	0.18	17.8	19.4	1.86	13950	19.10	0.24	1.2	59.9
456662		22.1	6.42	0.08	0.8	0.024	0.019	0.19	17.7	17.1	1.94	14950	17.60	0.28	1.0	78.7
456663		18.90	8.51	0.09	1.1	0.101	0.042	0.40	19.5	18.4	1.75	12700	35.6	0.31	1.1	104.5
456664		20.9	8.96	0.11	1.2	0.074	0.034	0.53	24.0	17.5	1.83	11850	36.7	0.28	1.3	141.5
456665		19.75	7.98	0.09	1.1	0.092	0.032	0.53	19.8	13.7	1.97	14050	35.3	0.24	1.4	134.0
456666		14.80	10.15	0.09	0.8	0.103	0.035	0.78	19.8	28.8	2.36	10700	22.3	0.11	1.5	116.0
456667		23.5	5.37	0.10	1.3	0.194	0.112	0.42	23.1	7.8	1.31	3580	98.7	0.03	1.7	234
456668		16.95	18.65	0.16	3.2	0.104	0.087	3.00	34.8	17.6	0.78	678	49.9	0.24	3.4	211
456669		7.47	18.80	0.07	3.4	0.055	0.059	0.99	22.4	9.3	5.51	1060	3.33	1.98	29.4	353
456670		20.3	11.70	0.15	1.8	0.209	0.112	2.02	30.9	12.7	1.13	792	92.6	0.09	2.5	272
456671		17.05	10.15	0.15	1.5	0.520	0.099	1.62	25.3	10.9	1.53	949	91.1	0.07	5.0	208
456672		13.60	14.25	0.14	2.3	0.354	0.084	2.33	31.3	13.2	1.73	1100	71.2	0.13	4.7	171.5
456673		13.35	15.95	0.17	2.4	0.401	0.080	2.55	31.7	17.4	0.73	275	91.8	0.14	3.6	169.0
456674		24.3	15.00	0.12	2.5	0.097	0.119	1.77	26.6	23.1	0.93	710	15.20	0.16	4.0	169.5
456675		22.8	17.25	0.13	2.6	0.077	0.121	2.45	30.7	22.8	0.94	694	16.95	0.11	4.4	195.0
456676		0.25	0.14	<0.05	0.1	<0.005	<0.005	0.01	1.4	1.2	2.29	171	0.15	0.03	0.2	0.7
456677		20.2	18.45	0.12	3.6	0.079	0.115	3.12	30.9	21.7	0.56	69	16.90	0.13	8.0	161.5
456678		25.7	0.86	0.05	0.2	<0.005	0.012	0.05	7.4	3.0	4.28	7190	0.75	0.01	1.2	19.1
456679		24.2	0.43	<0.05	0.1	<0.005	<0.005	0.01	3.3	2.3	3.31	8990	0.14	<0.01	0.4	2.1
456680		23.3	0.64	<0.05	<0.1	<0.005	<0.005	0.01	4.6	2.1	3.61	7370	0.28	<0.01	0.4	1.6

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Projet: Kan

CERTIFICAT D'ANALYSE VO18163698

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456661		1880	10.1	5.8	0.013	4.95	1.91	3.5	5	<0.2	82.7	0.09	0.26	2.56	0.029	0.33
456662		1810	11.5	6.1	0.014	6.18	2.55	3.7	7	<0.2	91.9	0.07	0.31	2.70	0.024	0.32
456663		1680	13.9	13.2	0.021	7.01	2.97	4.4	9	<0.2	104.0	0.08	0.35	3.22	0.029	0.69
456664		2260	16.6	17.9	0.021	9.21	3.75	5.3	11	0.2	105.0	0.08	0.49	3.70	0.032	0.88
456665		2290	16.0	17.6	0.018	7.52	4.24	4.8	11	0.3	107.0	0.08	0.56	3.20	0.031	0.87
456666		2000	10.2	25.0	0.019	5.54	1.97	4.9	6	0.6	81.9	0.08	0.18	2.31	0.028	1.26
456667		2040	30.4	14.8	0.076	>10.0	8.69	3.7	13	0.6	52.1	0.12	0.53	2.82	0.033	0.83
456668		440	18.7	92.9	0.057	9.09	4.58	15.7	14	2.0	47.0	0.17	0.24	4.89	0.123	4.31
456669		1840	5.1	31.5	<0.002	0.04	0.37	21.6	<1	1.4	480	1.68	0.09	2.88	1.060	0.07
456670		500	32.9	65.8	0.107	>10.0	8.22	10.7	19	1.3	51.8	0.16	0.35	4.18	0.083	3.38
456671		380	94.6	55.9	0.094	>10.0	21.0	9.8	16	1.0	60.6	0.34	0.86	3.76	0.102	3.46
456672		430	55.5	69.4	0.084	>10.0	11.90	12.3	14	1.3	70.2	0.31	0.51	4.40	0.123	4.20
456673		520	67.5	77.0	0.100	>10.0	15.10	13.4	13	1.6	34.4	0.24	0.81	4.56	0.132	4.64
456674		230	18.9	49.5	0.017	>10.0	3.85	10.5	10	2.3	37.6	0.26	1.01	4.13	0.098	2.91
456675		380	17.8	72.2	0.017	>10.0	6.12	13.3	7	3.2	33.4	0.22	0.93	4.32	0.142	3.74
456676		60	0.5	0.4	<0.002	0.03	0.07	0.2	1	<0.2	79.5	<0.05	<0.05	0.07	0.006	0.02
456677		390	23.7	88.9	0.022	>10.0	7.33	14.3	5	2.8	18.9	0.44	0.79	5.04	0.228	4.18
456678		110	1.8	1.6	0.002	2.21	0.33	0.6	1	<0.2	63.1	0.07	0.10	0.46	0.011	0.09
456679		60	<0.5	0.3	<0.002	0.23	0.08	0.2	1	<0.2	28.4	<0.05	<0.05	0.12	<0.005	0.02
456680		30	0.7	0.2	<0.002	0.41	0.09	0.1	1	<0.2	61.2	<0.05	<0.05	0.07	<0.005	<0.02

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CERTIFICAT D'ANALYSE VO18163698

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456661		9.8	194	0.2	9.9	286	28.8
456662		9.1	181	0.3	10.0	272	32.3
456663		17.6	316	0.4	11.2	1370	43.2
456664		20.9	333	0.4	13.3	946	45.4
456665		18.6	301	0.4	14.2	974	45.0
456666		13.0	486	0.5	10.8	896	30.0
456667		37.2	545	0.9	17.7	2800	51.4
456668		25.1	579	3.0	11.4	1480	122.0
456669		0.7	147	3.4	21.4	105	141.5
456670		34.7	1060	2.4	11.0	2900	72.6
456671		37.7	938	2.6	14.0	2150	59.4
456672		31.5	748	2.4	14.8	1550	88.6
456673		39.0	1020	2.4	20.9	1160	93.2
456674		8.2	139	0.9	8.0	1010	90.8
456675		10.9	158	1.6	8.3	796	103.5
456676		0.2	1	<0.1	2.3	6	1.7
456677		16.1	196	2.1	9.7	595	141.5
456678		0.5	14	0.2	4.7	47	9.5
456679		0.1	8	0.1	3.8	18	2.8
456680		0.1	10	0.1	4.6	22	1.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163698

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 26- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18163708

Projet: Kan

Bon de commande #: KANDH18- 035

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163708

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456681		1.88	0.482	0.01	0.49	1.1	10	0.36	0.03	1.70	0.09	7.43	6.2	12	0.07	11.5
456682		2.57	0.035	<0.01	0.06	6.9	<10	0.42	0.02	1.60	0.04	6.47	3.7	3	0.15	1.6
456683		2.73	0.004	<0.01	0.07	1.4	<10	0.49	0.01	1.45	0.03	6.91	3.8	3	0.25	1.0
456684		2.74	<0.001	<0.01	0.06	0.7	<10	0.40	0.01	1.64	0.02	5.61	3.4	4	0.66	1.0
456685		2.59	0.002	<0.01	0.08	9.4	<10	0.68	0.02	1.83	0.03	6.21	4.4	5	0.36	1.4
456686		2.57	<0.001	<0.01	0.69	4.4	<10	0.94	0.02	1.96	0.04	16.85	8.5	22	<0.05	6.2
456687		2.16	<0.001	0.02	0.79	3.4	<10	0.70	0.03	1.72	0.04	13.90	9.8	24	<0.05	9.9
456688		2.49	<0.001	<0.01	0.61	5.2	<10	0.56	0.03	2.64	0.03	16.15	9.5	19	0.08	11.8
456689		0.07	7.87	1.31	6.18	34.1	320	0.93	0.50	2.97	0.09	31.8	42.6	328	0.64	112.5
456690		2.40	<0.001	<0.01	0.45	1.4	<10	0.62	0.02	1.85	0.03	12.55	5.8	13	<0.05	5.5
456691		2.52	<0.001	0.04	0.66	10.8	20	0.45	0.02	1.63	0.07	13.60	7.2	17	0.20	8.4
456692		4.32	0.004	0.43	6.12	4.6	240	4.02	0.14	0.58	0.93	49.6	15.1	73	3.16	107.5
456693		3.11	0.036	1.10	7.27	61.5	240	1.85	0.27	0.60	2.87	66.5	44.1	93	3.61	128.5
456694		4.43	0.052	0.68	8.33	76.4	260	1.74	0.23	1.64	2.37	68.2	22.4	88	4.03	81.7
456695		4.71	0.054	0.77	6.76	87.7	190	1.46	0.20	0.97	2.22	72.0	25.5	82	3.23	147.5
456696		0.24	0.003	0.02	0.16	2.0	260	0.09	0.03	20.0	0.08	2.63	0.8	1	0.54	2.2
456697		4.63	0.102	1.26	6.01	207	140	1.35	0.30	0.09	2.26	55.3	30.7	68	2.72	125.0
456698		3.85	0.038	0.55	9.24	55.4	280	1.64	0.18	0.40	2.77	61.4	17.6	117	3.87	98.4
456699		5.12	0.088	1.23	5.61	117.0	150	1.55	0.41	0.63	3.03	52.4	36.7	87	2.49	192.0
456700		5.76	0.113	1.25	6.33	216	160	1.31	0.32	0.07	3.92	43.8	26.6	79	2.78	124.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163708

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456681		28.0	1.34	<0.05	0.2	0.007	0.007	0.01	4.8	2.6	4.19	8850	0.11	0.05	0.8	7.4
456682		28.0	0.31	0.05	0.1	<0.005	<0.005	<0.01	4.4	0.6	3.75	8700	0.18	<0.01	0.8	1.4
456683		28.9	0.37	0.05	0.1	<0.005	<0.005	0.01	4.7	0.5	4.03	8820	0.07	<0.01	1.3	1.4
456684		25.7	0.30	0.05	<0.1	<0.005	<0.005	0.02	3.7	0.4	3.78	7600	0.17	0.01	0.8	1.3
456685		23.1	0.42	0.05	<0.1	<0.005	<0.005	0.01	4.0	0.7	3.72	7610	0.10	<0.01	1.0	1.8
456686		25.0	3.09	0.05	0.6	<0.005	0.015	<0.01	9.0	8.0	3.43	13050	0.46	<0.01	6.8	8.9
456687		21.1	3.60	0.05	0.5	<0.005	0.014	<0.01	7.5	8.5	2.86	11500	0.61	<0.01	4.9	12.6
456688		19.80	2.92	<0.05	0.5	<0.005	0.011	<0.01	8.8	5.5	2.98	12100	0.41	<0.01	4.5	12.3
456689		5.63	16.00	0.05	2.5	0.153	0.050	1.08	15.8	15.5	4.02	759	6.51	1.21	16.8	254
456690		20.9	1.92	0.05	0.4	<0.005	0.008	<0.01	6.8	4.1	2.81	12250	0.21	<0.01	3.9	7.3
456691		20.1	2.22	0.05	0.5	<0.005	0.013	0.15	7.2	5.7	2.69	11700	0.54	0.01	4.1	10.2
456692		12.90	20.4	0.13	1.7	0.012	0.062	3.05	26.0	29.6	1.23	456	9.13	0.09	4.5	78.2
456693		16.30	22.7	0.17	4.8	0.133	0.144	3.67	35.4	24.2	0.77	305	19.75	0.12	12.8	124.5
456694		10.75	22.2	0.17	3.6	0.174	0.117	4.18	39.9	22.7	1.14	451	18.85	0.15	10.1	111.0
456695		14.40	21.0	0.14	4.3	0.122	0.137	3.37	39.1	24.9	0.95	344	15.40	0.11	10.9	134.0
456696		0.24	0.55	0.15	0.1	<0.005	<0.005	0.08	1.4	15.8	14.30	329	0.19	0.04	0.4	1.8
456697		19.25	20.4	0.18	3.8	0.199	0.167	2.94	28.9	23.6	0.56	84	18.60	0.09	10.7	152.5
456698		11.10	25.9	0.20	5.3	0.105	0.176	4.74	32.2	25.8	0.70	171	16.30	0.15	14.1	110.0
456699		23.5	17.30	0.21	2.8	0.173	0.145	2.56	28.9	25.3	1.15	442	19.40	0.08	5.8	181.5
456700		21.2	19.25	0.19	3.3	0.200	0.207	3.09	22.9	23.2	0.55	67	21.2	0.10	9.6	185.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163708

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456681		180	0.8	0.2	<0.002	0.35	0.33	3.0	1	<0.2	38.6	0.05	<0.05	0.12	0.047	<0.02
456682		150	0.6	0.2	<0.002	0.14	0.16	0.2	<1	<0.2	25.5	<0.05	<0.05	0.10	<0.005	<0.02
456683		250	<0.5	0.4	<0.002	0.06	0.11	0.1	<1	<0.2	22.6	0.06	<0.05	0.15	0.006	<0.02
456684		120	<0.5	0.7	<0.002	0.02	0.10	0.1	<1	<0.2	24.7	<0.05	<0.05	0.08	<0.005	<0.02
456685		210	0.6	0.6	<0.002	0.05	0.11	0.3	<1	<0.2	29.0	<0.05	<0.05	0.11	0.005	0.02
456686		500	0.8	0.1	<0.002	0.16	0.23	1.9	<1	0.2	22.9	0.31	<0.05	1.06	0.085	<0.02
456687		490	0.9	0.2	<0.002	0.26	0.31	2.3	1	0.3	15.8	0.29	0.06	0.91	0.087	<0.02
456688		600	0.9	0.5	<0.002	0.20	0.28	1.9	1	0.3	21.6	0.26	0.05	0.82	0.075	0.03
456689		1100	9.9	38.9	0.002	0.09	0.82	20.8	<1	1.0	283	0.98	0.20	2.49	0.682	0.19
456690		350	0.7	0.3	<0.002	0.10	0.26	1.3	1	0.2	16.9	0.24	0.05	0.67	0.064	0.02
456691		360	1.4	8.5	<0.002	0.79	0.47	1.9	1	0.2	29.1	0.25	<0.05	0.81	0.079	0.24
456692		290	17.6	118.0	0.011	6.33	4.40	11.2	3	1.9	33.6	0.18	0.15	6.52	0.125	2.64
456693		310	48.9	93.2	0.026	>10.0	11.55	14.5	5	3.5	37.3	0.83	0.62	6.47	0.224	4.16
456694		260	46.3	103.0	0.019	8.84	9.78	16.3	4	2.3	51.3	0.65	0.63	5.93	0.297	4.70
456695		220	50.7	84.9	0.019	>10.0	10.40	13.0	6	3.2	50.1	0.70	0.57	6.79	0.187	4.07
456696		20	6.0	2.4	<0.002	0.11	0.25	0.3	1	<0.2	157.5	<0.05	<0.05	0.22	0.009	0.12
456697		280	86.7	73.9	0.021	>10.0	19.55	9.0	6	4.1	13.5	0.81	1.10	5.65	0.163	4.02
456698		440	34.4	105.0	0.017	8.43	7.81	23.5	3	3.2	29.9	0.92	0.51	5.56	0.352	3.79
456699		270	67.4	70.4	0.017	>10.0	13.80	11.6	8	4.1	34.9	0.37	1.14	5.00	0.154	2.88
456700		270	88.9	74.6	0.029	>10.0	19.40	12.0	7	3.5	14.5	0.64	1.26	4.67	0.218	3.71

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163708

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456681		0.1	27	0.3	6.5	78	4.5
456682		0.1	6	0.2	5.3	14	2.6
456683		0.1	6	0.2	7.3	10	3.5
456684		0.1	8	0.2	5.7	6	2.9
456685		0.1	8	0.2	6.0	6	2.7
456686		0.6	43	0.4	6.9	14	28.2
456687		0.6	56	0.3	6.6	17	22.4
456688		0.5	44	0.3	6.7	12	21.0
456689		0.6	144	9.7	14.8	83	98.6
456690		0.3	30	0.2	5.1	9	17.4
456691		0.6	47	0.4	5.0	45	20.1
456692		8.2	274	1.6	6.2	203	65.6
456693		15.0	221	1.4	13.8	736	181.5
456694		14.3	231	1.6	11.3	628	133.5
456695		11.1	175	1.2	12.7	626	163.0
456696		0.3	3	0.6	1.3	24	5.1
456697		12.4	205	1.2	11.3	732	143.0
456698		16.1	197	1.6	13.3	824	206
456699		10.7	184	1.4	10.2	766	107.0
456700		14.1	237	1.4	9.8	1100	132.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18163708

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 27- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18168874

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 001

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
LOG- QC	Test QC sur échantillons pulpe
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 27- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168874

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457651		2.85	<0.001	0.07	0.10	1.9	<10	0.13	0.01	1.85	0.06	5.70	4.2	3	0.15	15.0
457652		2.25	<0.001	0.01	0.02	1.2	<10	0.19	<0.01	1.31	0.02	4.61	6.5	3	0.10	1.1
457653		2.34	<0.001	0.01	0.02	3.0	<10	0.26	0.01	1.31	0.03	7.59	8.4	3	0.09	1.0
457654		2.37	<0.001	0.01	0.03	3.6	<10	0.24	0.01	1.48	0.03	13.30	9.3	3	0.18	1.3
457655		2.59	<0.001	0.03	0.05	1.6	10	0.43	0.01	2.02	0.06	13.80	11.1	2	0.35	5.4
457656		1.51	0.002	0.01	0.02	2.2	10	0.21	<0.01	1.00	0.04	16.65	9.0	2	0.05	2.2
457657		2.46	0.004	0.03	0.02	17.0	10	0.12	0.01	0.82	0.04	14.95	9.9	2	0.06	2.2
457658		2.44	<0.001	0.01	0.02	1.2	<10	0.18	0.01	0.89	0.04	12.60	9.2	4	0.05	1.3
457659		0.06	2.53	0.45	6.72	11.7	320	0.99	0.15	4.79	0.08	40.7	49.2	316	0.61	81.8
457660		2.37	<0.001	0.01	0.02	4.9	<10	0.20	0.01	1.00	0.04	12.85	7.8	2	0.08	0.7
457661		2.48	<0.001	0.01	0.08	3.8	<10	0.45	0.01	0.93	0.02	7.87	9.1	4	1.09	0.9
457662		2.38	<0.001	0.01	0.04	10.7	<10	0.59	0.02	0.88	<0.02	5.20	6.6	4	0.89	1.0
457663		2.43	0.014	0.01	0.05	7.7	<10	0.60	0.02	1.15	<0.02	5.33	5.4	4	1.14	1.2
457664		2.67	0.028	<0.01	0.03	11.8	<10	0.50	0.01	1.85	0.02	4.44	4.3	2	0.80	0.6
457665		2.20	0.236	1.72	0.03	1.8	<10	0.44	<0.01	1.32	0.03	4.48	3.8	2	0.91	1.6
457666		0.29	<0.001	<0.01	0.05	0.4	60	0.05	<0.01	33.7	0.02	1.06	0.6	1	<0.05	2.0
457667		2.49	1.760	0.03	0.08	124.0	10	0.40	0.01	1.27	0.04	4.38	4.3	3	2.01	2.3
457668		2.53	<0.001	0.01	0.02	0.9	<10	0.80	0.01	1.19	<0.02	4.76	3.2	3	0.62	0.6
457669		2.66	0.001	0.01	0.02	17.0	<10	1.06	0.01	1.24	<0.02	4.10	3.7	3	0.52	0.6
457670		2.33	0.003	0.02	0.03	2.7	<10	0.75	0.01	1.13	<0.02	3.10	2.9	4	0.68	0.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 27- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168874

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457651		23.6	0.45	0.07	<0.1	<0.005	0.023	0.02	3.7	1.2	4.02	9130	0.16	<0.01	0.5	4.2
457652		24.9	0.16	0.07	<0.1	<0.005	<0.005	<0.01	3.2	0.4	3.92	11000	0.07	<0.01	0.6	0.9
457653		24.2	0.21	0.06	<0.1	<0.005	<0.005	0.01	5.0	0.5	3.72	16250	0.06	<0.01	0.7	1.0
457654		25.2	0.29	0.07	<0.1	<0.005	<0.005	<0.01	9.7	0.5	3.80	12900	0.07	<0.01	0.5	0.9
457655		25.3	0.31	0.07	<0.1	<0.005	0.010	0.01	9.9	1.0	3.73	9430	0.05	<0.01	0.4	2.5
457656		24.7	0.22	0.07	<0.1	<0.005	<0.005	0.01	11.8	0.5	3.35	8850	0.07	<0.01	0.3	0.8
457657		26.2	0.26	0.07	<0.1	0.009	<0.005	0.01	10.4	0.7	3.58	7220	0.06	<0.01	0.3	0.7
457658		27.3	0.21	0.08	<0.1	<0.005	<0.005	0.01	8.8	0.6	3.67	7700	0.10	<0.01	0.2	0.9
457659		7.33	17.15	0.11	3.0	0.049	0.058	0.96	20.3	7.5	5.48	1020	2.78	1.94	27.1	346
457660		27.5	0.23	0.08	<0.1	0.006	<0.005	<0.01	8.8	0.7	3.77	8120	0.07	<0.01	0.3	0.8
457661		27.6	0.56	0.08	0.1	0.007	<0.005	0.02	5.2	0.5	3.52	18600	0.06	0.01	1.7	1.4
457662		25.8	0.31	0.08	<0.1	0.008	<0.005	0.02	3.7	0.3	3.10	11550	0.06	0.01	0.8	1.4
457663		24.5	0.32	0.08	<0.1	0.007	<0.005	0.02	3.8	0.3	3.12	7940	0.07	0.01	0.8	1.3
457664		28.0	0.25	0.08	<0.1	0.007	<0.005	0.01	2.9	0.3	3.79	7540	<0.05	0.01	0.6	0.8
457665		28.0	0.22	0.07	<0.1	0.006	<0.005	0.02	3.2	0.3	3.55	4820	<0.05	0.01	0.3	0.6
457666		0.30	0.19	0.07	<0.1	<0.005	<0.005	0.01	1.2	1.0	2.22	193	<0.05	0.03	0.1	<0.2
457667		26.8	0.35	0.08	<0.1	0.022	<0.005	0.04	3.1	0.4	3.30	6620	0.05	0.01	0.4	0.6
457668		27.4	0.22	0.08	<0.1	<0.005	<0.005	0.01	3.4	0.3	3.41	4440	<0.05	<0.01	0.4	0.6
457669		26.6	0.20	0.08	<0.1	<0.005	<0.005	0.01	2.9	0.3	3.54	5040	0.09	<0.01	0.5	0.8
457670		23.4	0.24	0.06	<0.1	<0.005	<0.005	0.01	2.1	0.3	3.22	4390	0.05	0.01	0.5	0.9

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CERTIFICAT D'ANALYSE VO18168874

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457651		90	0.9	0.6	<0.002	0.94	0.11	0.2	1	<0.2	43.5	<0.05	0.08	0.07	<0.005	0.02
457652		90	<0.5	0.2	<0.002	0.05	0.07	0.1	<1	<0.2	21.3	<0.05	<0.05	0.03	<0.005	<0.02
457653		70	<0.5	0.3	<0.002	0.04	0.06	0.1	1	<0.2	18.2	<0.05	<0.05	0.04	<0.005	<0.02
457654		90	<0.5	0.2	<0.002	0.06	0.08	0.1	<1	<0.2	21.8	<0.05	<0.05	0.03	<0.005	<0.02
457655		80	0.8	0.8	<0.002	0.48	0.09	0.1	1	<0.2	45.9	<0.05	0.05	0.02	<0.005	0.02
457656		60	<0.5	0.3	<0.002	0.14	0.05	0.1	<1	<0.2	14.3	<0.05	<0.05	0.02	<0.005	<0.02
457657		40	<0.5	0.3	<0.002	0.17	0.05	0.1	<1	<0.2	11.8	<0.05	0.05	0.02	<0.005	<0.02
457658		50	<0.5	0.2	<0.002	0.08	0.06	0.1	<1	<0.2	12.8	<0.05	<0.05	0.01	<0.005	<0.02
457659		1820	4.5	28.5	<0.002	0.03	0.31	20.6	1	1.1	474	1.52	0.09	2.47	1.035	0.06
457660		50	<0.5	0.2	<0.002	0.02	0.05	0.1	<1	<0.2	14.2	<0.05	<0.05	0.02	<0.005	<0.02
457661		140	<0.5	0.8	<0.002	0.04	0.09	0.2	<1	<0.2	11.7	0.05	0.06	0.13	0.006	<0.02
457662		180	0.5	0.7	<0.002	0.05	0.08	0.1	<1	<0.2	7.8	<0.05	0.16	0.05	<0.005	<0.02
457663		210	0.6	0.8	<0.002	0.09	0.12	0.1	<1	<0.2	14.5	<0.05	0.13	0.07	<0.005	<0.02
457664		90	<0.5	0.6	<0.002	0.04	0.07	0.1	<1	<0.2	25.5	<0.05	<0.05	0.04	<0.005	<0.02
457665		70	<0.5	0.7	<0.002	0.15	<0.05	0.1	<1	<0.2	19.0	<0.05	<0.05	0.02	<0.005	<0.02
457666		70	0.5	0.2	<0.002	0.01	<0.05	0.2	2	<0.2	90.3	<0.05	<0.05	0.07	<0.005	<0.02
457667		110	1.1	1.6	<0.002	0.25	0.07	0.1	<1	<0.2	19.6	<0.05	0.24	0.03	<0.005	<0.02
457668		100	0.5	0.5	<0.002	0.04	<0.05	0.1	<1	<0.2	11.8	<0.05	<0.05	0.03	<0.005	<0.02
457669		50	<0.5	0.5	<0.002	0.02	0.34	0.1	<1	<0.2	10.1	<0.05	0.09	0.03	<0.005	<0.02
457670		30	0.5	0.6	<0.002	0.07	0.06	0.1	<1	<0.2	11.7	<0.05	<0.05	0.03	<0.005	<0.02

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CERTIFICAT D'ANALYSE VO18168874

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457651		0.1	9	0.1	3.8	35	3.1
457652		<0.1	5	0.1	3.7	11	2.4
457653		<0.1	5	0.2	4.2	11	1.9
457654		0.1	7	0.2	5.1	10	1.9
457655		<0.1	8	0.2	4.9	12	2.1
457656		<0.1	8	0.1	5.7	13	4.5
457657		<0.1	8	0.1	4.6	16	1.8
457658		<0.1	7	0.2	4.6	16	2.1
457659		0.6	146	2.8	19.3	103	134.0
457660		<0.1	9	0.2	5.1	12	2.9
457661		0.1	11	0.2	7.0	6	3.9
457662		<0.1	7	0.1	5.8	2	2.2
457663		<0.1	6	0.1	6.1	4	2.2
457664		<0.1	5	0.2	6.5	5	2.0
457665		<0.1	5	0.1	5.3	8	1.4
457666		0.1	1	<0.1	2.2	5	1.2
457667		<0.1	6	0.1	5.0	13	1.4
457668		<0.1	6	0.1	6.5	<2	1.2
457669		<0.1	5	0.1	6.3	<2	1.3
457670		<0.1	7	0.2	5.7	<2	1.6

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CERTIFICAT D'ANALYSE VO18168874

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23	
LOG- QC	PUL- 31	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18168877

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 002

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18168877

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457671		2.44	0.001	0.01	0.05	1.1	<10	0.62	0.01	1.21	<0.02	5.37	3.2	4	0.84	0.8
457672		2.59	0.001	0.01	0.03	2.4	<10	0.46	0.01	1.17	<0.02	4.58	2.8	5	0.56	0.7
457673		3.08	0.991	0.06	0.11	17.2	<10	0.50	0.01	1.60	0.04	6.19	3.3	5	1.26	2.1
457674		2.28	0.001	0.01	0.03	1.8	<10	0.77	0.01	1.18	<0.02	6.71	2.6	7	0.76	0.7
457675		2.38	<0.001	0.01	0.02	0.5	<10	0.82	<0.01	1.24	<0.02	6.52	2.7	25	0.60	0.6
457676		3.48	<0.001	0.04	0.57	12.4	10	0.70	0.02	1.15	0.20	16.70	6.7	17	2.03	5.5
457677		2.42	0.005	0.65	0.47	62.2	10	0.18	0.03	6.92	0.07	13.30	4.5	16	0.45	228
457678		2.68	0.002	0.35	0.30	139.0	<10	0.29	0.02	6.13	0.04	12.85	4.1	13	<0.05	115.0
457679		0.06	7.75	1.29	6.01	31.7	310	0.84	0.49	2.96	0.08	31.2	37.7	323	0.62	115.5
457680		2.32	<0.001	0.02	0.20	8.5	<10	0.42	0.04	4.39	0.02	11.45	2.8	18	<0.05	3.3
457681		2.67	0.001	0.01	0.09	4.9	<10	0.41	0.03	4.30	<0.02	6.96	1.7	16	<0.05	1.4
457682		2.49	0.001	0.01	0.17	4.7	10	0.66	0.03	7.58	<0.02	9.41	3.7	6	0.08	1.8
457683		2.33	<0.001	0.01	0.14	4.6	10	0.65	0.03	2.39	<0.02	14.25	3.5	10	0.16	1.7
457684		2.48	0.040	0.02	0.14	5.1	<10	0.72	0.03	4.27	<0.02	11.40	3.9	9	0.19	2.3
457685		2.44	0.001	0.02	0.26	7.8	<10	0.72	0.04	4.49	<0.02	10.30	5.3	11	0.05	3.0
457686		0.28	<0.001	0.01	0.13	0.8	200	0.09	0.04	19.10	0.07	1.63	0.8	1	0.47	2.0
457687		2.48	0.002	0.02	0.13	2.3	<10	0.58	0.03	6.59	<0.02	10.05	4.7	5	0.12	1.5
457688		2.65	0.001	0.01	0.27	1.7	<10	0.69	0.03	4.65	<0.02	14.55	6.5	8	<0.05	2.2
457689		2.58	<0.001	0.01	0.22	3.0	10	0.64	0.03	1.92	0.02	14.00	6.6	11	0.53	1.2
457690		2.46	0.002	0.01	0.04	0.5	<10	0.32	0.02	1.75	0.05	6.04	3.2	3	0.61	2.0

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Projet: Kan

CERTIFICAT D'ANALYSE VO18168877

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457671		29.2	0.36	0.08	<0.1	<0.005	<0.005	0.02	3.8	0.4	3.80	9140	0.06	0.01	1.0	1.1
457672		25.1	0.28	0.08	<0.1	<0.005	<0.005	0.01	3.1	0.3	3.39	6850	0.07	<0.01	0.7	0.7
457673		26.3	0.55	0.08	<0.1	0.006	<0.005	0.02	4.4	0.6	3.59	6770	0.06	0.01	0.6	0.9
457674		25.0	0.24	0.07	<0.1	0.005	<0.005	0.01	4.6	0.3	3.34	7040	0.07	<0.01	0.7	0.8
457675		25.3	0.22	0.08	<0.1	<0.005	<0.005	0.01	4.4	0.3	3.49	6500	0.10	<0.01	0.4	0.9
457676		24.8	1.70	0.08	0.4	0.007	0.011	0.18	9.5	6.6	2.88	13050	0.26	<0.01	3.8	6.3
457677		16.65	2.34	0.07	0.2	0.021	0.020	0.17	7.4	6.1	4.23	4880	1.65	0.01	1.7	55.1
457678		19.25	1.91	0.07	0.2	0.012	0.016	0.01	7.7	5.1	4.08	5590	0.81	0.03	1.5	30.5
457679		5.54	14.15	0.09	2.2	0.140	0.046	1.05	15.9	14.5	3.97	725	6.08	1.17	15.3	250
457680		18.55	1.35	0.07	0.1	<0.005	<0.005	<0.01	6.9	2.5	3.48	4800	0.99	<0.01	1.0	5.5
457681		18.35	0.81	0.06	0.1	<0.005	<0.005	0.01	4.1	1.6	3.79	4690	0.28	<0.01	0.6	3.6
457682		19.80	1.38	0.08	0.1	<0.005	<0.005	0.01	5.5	2.3	4.52	5420	0.25	<0.01	1.9	4.0
457683		24.2	1.72	0.09	0.2	<0.005	<0.005	0.01	8.2	1.5	3.40	6960	0.18	<0.01	4.1	3.9
457684		21.9	0.57	0.08	0.1	<0.005	<0.005	0.01	6.6	1.1	3.45	6100	0.22	<0.01	1.3	4.3
457685		21.7	0.90	0.08	0.1	<0.005	0.005	<0.01	6.3	1.1	3.41	7800	0.33	<0.01	1.5	4.8
457686		0.23	0.47	0.26	0.1	<0.005	<0.005	0.06	0.9	15.0	12.95	360	0.07	0.04	0.3	0.7
457687		21.4	0.59	0.07	0.1	0.011	<0.005	<0.01	5.6	1.0	4.38	7310	0.17	<0.01	1.8	3.2
457688		22.9	1.04	0.09	0.2	<0.005	0.005	<0.01	8.5	1.2	3.87	9100	0.29	<0.01	3.1	4.8
457689		21.8	0.86	0.08	0.1	<0.005	0.005	0.02	8.2	1.4	3.10	7930	0.27	<0.01	3.3	5.1
457690		26.2	0.26	0.08	<0.1	<0.005	<0.005	0.01	3.8	0.5	3.99	6690	0.05	0.01	0.8	1.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 27- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168877

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457671		260	<0.5	0.9	<0.002	0.01	<0.05	0.1	1	<0.2	16.2	<0.05	<0.05	0.09	0.005	<0.02
457672		140	<0.5	0.6	<0.002	0.02	<0.05	0.1	<1	<0.2	15.5	<0.05	<0.05	0.06	<0.005	<0.02
457673		150	0.5	1.4	<0.002	0.19	0.05	0.1	<1	<0.2	28.6	<0.05	0.05	0.05	<0.005	<0.02
457674		110	<0.5	0.8	<0.002	0.03	0.05	0.1	1	<0.2	15.5	<0.05	<0.05	0.04	<0.005	<0.02
457675		180	<0.5	0.6	<0.002	0.01	<0.05	0.1	<1	<0.2	14.0	<0.05	<0.05	0.04	<0.005	<0.02
457676		490	1.0	16.5	<0.002	0.24	0.21	1.4	1	<0.2	33.2	0.21	<0.05	0.72	0.057	0.25
457677		160	10.9	5.7	0.002	5.87	3.24	1.2	2	0.2	157.5	0.09	0.45	0.43	0.016	0.25
457678		200	5.6	0.3	<0.002	3.21	1.57	0.7	1	<0.2	75.6	0.09	0.28	0.34	0.010	0.02
457679		1080	11.5	36.9	0.002	0.08	0.73	19.3	1	0.9	275	0.87	0.24	2.32	0.662	0.18
457680		260	1.4	0.2	<0.002	0.21	0.18	0.5	1	<0.2	22.7	<0.05	<0.05	0.21	0.010	<0.02
457681		210	0.7	0.6	<0.002	0.06	0.21	0.2	1	<0.2	21.7	<0.05	<0.05	0.11	<0.005	0.02
457682		150	1.0	0.7	<0.002	0.10	0.16	0.4	1	<0.2	31.4	0.09	<0.05	0.21	0.009	0.03
457683		330	0.9	0.6	<0.002	0.06	0.18	0.2	1	<0.2	18.2	0.17	<0.05	0.34	0.007	0.03
457684		250	1.0	0.8	<0.002	0.13	0.14	0.4	1	<0.2	25.6	0.05	<0.05	0.18	0.009	0.04
457685		310	1.2	0.2	0.002	0.19	0.15	0.5	1	<0.2	30.1	0.08	0.05	0.27	0.016	<0.02
457686		40	3.1	2.0	<0.002	0.01	0.11	0.2	2	<0.2	161.5	<0.05	<0.05	0.13	0.007	0.08
457687		460	1.2	0.2	<0.002	0.03	0.15	0.3	1	<0.2	40.0	0.08	<0.05	0.29	0.017	<0.02
457688		530	0.9	0.1	<0.002	0.05	0.12	0.7	1	<0.2	34.4	0.12	<0.05	0.53	0.029	<0.02
457689		490	0.8	1.4	<0.002	0.03	0.16	0.6	1	<0.2	26.2	0.12	<0.05	0.48	0.026	0.04
457690		120	0.5	0.7	<0.002	0.04	0.06	0.1	1	<0.2	26.7	<0.05	<0.05	0.09	0.005	<0.02

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CERTIFICAT D'ANALYSE VO18168877

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457671		0.1	6	0.3	7.1	<2	2.2
457672		<0.1	7	0.2	4.5	4	1.8
457673		<0.1	8	0.2	5.1	14	1.0
457674		<0.1	5	0.2	5.8	2	1.4
457675		<0.1	5	0.1	13.8	3	1.2
457676		0.6	33	0.5	5.2	12	19.5
457677		0.6	34	0.2	5.4	28	11.6
457678		0.5	30	0.1	4.8	21	8.5
457679		0.6	143	8.1	14.3	86	91.6
457680		0.3	20	0.1	4.7	7	5.2
457681		0.2	9	0.1	5.0	11	3.1
457682		0.2	18	0.2	6.5	5	5.5
457683		0.2	13	0.2	8.0	5	7.8
457684		0.2	17	0.1	7.3	4	4.3
457685		0.4	22	0.1	7.4	4	6.5
457686		0.2	3	0.4	0.9	20	3.4
457687		1.5	10	0.2	7.9	4	4.5
457688		0.2	18	0.2	8.1	8	8.7
457689		0.2	16	0.2	6.6	8	7.3
457690		0.1	5	0.1	4.0	12	3.1

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CERTIFICAT D'ANALYSE VO18168877

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18168878

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 003

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

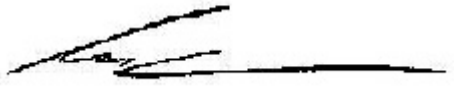
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18168878

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457691		2.33	0.001	<0.01	0.04	1.1	<10	0.22	0.01	1.67	0.10	6.01	3.4	6	0.17	1.1
457692		2.70	0.001	0.01	0.19	7.4	10	0.67	0.01	1.57	0.03	13.30	7.6	8	0.92	1.2
457693		2.28	<0.001	0.01	0.06	1.8	<10	0.40	<0.01	1.43	<0.02	6.21	3.7	5	0.72	0.7
457694		2.46	<0.001	0.01	0.04	1.1	<10	0.42	0.01	1.40	0.02	5.63	3.9	3	0.94	0.9
457695		2.78	<0.001	<0.01	0.05	0.7	10	0.62	0.01	1.20	<0.02	6.73	3.8	3	1.57	0.6
457696		2.58	<0.001	<0.01	0.02	<0.2	<10	0.47	<0.01	1.25	<0.02	5.67	3.4	4	0.53	0.6
457697		2.74	<0.001	<0.01	0.04	0.6	10	0.75	<0.01	1.17	<0.02	6.95	3.7	5	1.32	0.6
457698		2.80	<0.001	<0.01	0.03	0.6	<10	0.45	0.01	1.16	0.03	5.92	3.8	7	0.78	0.9
457699		0.06	0.671	0.19	6.58	20.1	310	1.27	0.13	4.14	0.19	46.4	40.3	182	1.89	51.8
457700		2.44	<0.001	<0.01	0.06	0.7	<10	0.98	0.01	1.17	<0.02	5.78	3.5	7	1.18	0.6
457701		2.78	<0.001	0.01	0.06	0.7	<10	0.57	0.01	1.21	<0.02	5.84	3.9	4	1.42	0.8
457702		2.60	0.087	0.13	0.11	31.2	10	0.49	0.03	2.30	0.09	6.38	4.8	2	1.54	5.7
457703		2.65	<0.001	0.01	0.51	4.9	10	0.62	0.02	3.30	0.10	14.55	6.4	19	0.66	4.3
457704		2.37	0.001	0.02	0.45	2.0	10	0.46	0.02	2.17	0.05	11.85	6.6	24	1.29	4.1
457705		1.52	0.006	0.16	1.74	7.0	60	0.96	0.08	1.28	0.12	22.1	15.4	63	6.07	26.7
457706		0.27	0.001	<0.01	0.08	<0.2	30	0.06	0.01	30.0	<0.02	1.12	0.7	1	0.10	1.2
457707		3.18	0.020	0.32	5.69	79.2	250	2.24	0.27	1.11	0.28	52.4	20.8	89	5.18	65.8
457708		2.29	0.023	0.27	7.75	258	410	2.86	0.33	0.32	0.19	49.3	22.1	87	5.86	67.0
457709		2.35	0.026	0.28	8.00	275	440	3.07	0.36	0.09	0.41	50.9	19.4	84	5.96	76.0
457710		1.63	0.014	0.21	6.86	3.2	400	2.35	0.20	0.25	0.16	48.4	16.7	80	4.53	61.9

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Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457691		22.3	0.22	0.07	<0.1	0.008	<0.005	0.01	3.9	0.6	3.54	4340	0.08	0.01	0.4	1.0
457692		25.5	0.79	0.07	0.1	0.005	0.005	0.02	7.9	0.8	3.64	8780	0.24	0.01	3.2	4.2
457693		22.8	0.32	0.05	<0.1	<0.005	<0.005	0.01	4.0	0.5	3.59	5360	0.11	0.01	0.8	1.5
457694		26.0	0.25	0.07	<0.1	<0.005	<0.005	0.02	4.0	0.3	3.96	4580	0.08	0.01	0.5	1.1
457695		25.1	0.34	0.06	0.1	<0.005	<0.005	0.02	4.8	0.3	3.72	6420	0.06	0.01	1.1	1.4
457696		24.5	0.22	0.06	<0.1	<0.005	<0.005	0.01	4.0	0.3	3.64	6850	0.07	<0.01	0.9	0.8
457697		24.8	0.32	0.07	<0.1	<0.005	0.005	0.02	4.8	0.3	3.67	5530	0.06	0.01	0.9	4.3
457698		25.2	0.26	0.06	<0.1	<0.005	<0.005	0.01	4.3	0.3	3.80	6110	0.06	0.01	0.7	1.1
457699		6.84	18.50	0.09	3.6	0.034	0.068	0.84	20.4	12.7	2.67	870	2.38	1.61	19.1	134.0
457700		23.8	0.37	0.07	<0.1	<0.005	<0.005	0.02	4.1	0.3	3.66	5820	0.07	0.01	0.9	1.0
457701		24.8	0.41	0.06	0.1	<0.005	<0.005	0.03	4.1	0.4	3.70	5670	0.06	0.01	1.1	1.0
457702		25.5	0.51	0.07	0.1	<0.005	0.011	0.04	4.1	0.6	3.91	6610	0.06	0.01	1.0	2.1
457703		20.1	2.06	0.07	0.5	<0.005	0.011	0.04	7.8	3.0	3.27	8240	0.56	<0.01	5.2	6.4
457704		16.40	1.98	0.05	0.4	<0.005	0.011	0.08	6.2	3.8	2.40	9930	0.27	<0.01	3.8	7.4
457705		19.50	5.25	0.07	1.0	<0.005	0.022	0.88	11.4	13.2	2.36	9290	2.74	0.01	8.4	28.3
457706		0.25	0.27	0.08	<0.1	<0.005	0.006	0.03	1.2	2.5	3.26	210	<0.05	0.04	0.2	0.5
457707		10.60	16.60	0.11	1.8	0.007	0.086	3.27	25.7	31.5	1.40	1440	1.80	0.04	13.4	52.5
457708		6.95	22.6	0.12	2.1	0.015	0.124	4.53	25.4	40.9	0.87	376	3.07	0.06	7.9	46.7
457709		6.71	22.0	0.12	2.4	0.014	0.072	3.94	24.9	42.9	1.00	287	7.08	0.06	7.7	50.8
457710		8.46	19.85	0.10	1.6	0.011	0.058	3.26	25.0	39.3	1.59	412	4.75	0.05	6.9	50.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168878

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457691		170	0.6	0.5	<0.002	0.04	0.08	0.1	1	<0.2	34.8	<0.05	<0.05	0.07	<0.005	<0.02
457692		460	0.8	1.3	<0.002	0.04	0.12	0.6	1	<0.2	25.8	0.11	<0.05	0.42	0.022	0.02
457693		140	<0.5	0.7	<0.002	0.02	0.07	0.2	1	<0.2	21.4	<0.05	<0.05	0.10	0.005	<0.02
457694		180	0.5	0.8	<0.002	0.01	0.06	0.1	1	<0.2	20.0	<0.05	<0.05	0.04	<0.005	<0.02
457695		260	<0.5	1.4	<0.002	0.01	0.07	0.1	<1	<0.2	15.8	<0.05	<0.05	0.10	<0.005	<0.02
457696		130	<0.5	0.5	<0.002	0.02	0.05	0.1	<1	<0.2	17.3	<0.05	<0.05	0.06	<0.005	<0.02
457697		230	<0.5	1.3	<0.002	0.01	0.05	0.1	1	<0.2	16.7	<0.05	<0.05	0.08	<0.005	<0.02
457698		110	<0.5	0.8	<0.002	0.04	0.06	0.1	<1	<0.2	19.5	<0.05	<0.05	0.05	<0.005	<0.02
457699		1070	13.4	31.0	<0.002	0.02	0.94	18.9	1	1.6	323	1.17	<0.05	4.71	0.849	0.18
457700		140	<0.5	1.2	<0.002	0.01	0.05	0.1	<1	<0.2	18.0	<0.05	<0.05	0.06	<0.005	<0.02
457701		190	<0.5	1.7	<0.002	0.01	0.08	0.1	1	<0.2	16.4	0.05	<0.05	0.11	0.005	<0.02
457702		170	1.0	2.2	<0.002	0.30	0.21	0.2	1	<0.2	52.2	0.05	0.08	0.12	<0.005	0.04
457703		380	1.6	2.6	<0.002	0.14	0.20	1.5	1	<0.2	54.3	0.25	<0.05	0.79	0.063	0.08
457704		330	1.2	5.4	<0.002	0.11	0.16	1.4	1	<0.2	30.9	0.24	<0.05	0.67	0.062	0.10
457705		490	7.0	53.5	0.003	1.56	0.74	5.9	1	0.4	41.2	0.51	0.08	1.31	0.196	1.13
457706		60	0.5	0.8	<0.002	<0.01	<0.05	0.2	2	<0.2	78.6	<0.05	<0.05	0.07	0.005	0.02
457707		230	11.2	138.0	0.005	2.95	1.90	11.8	2	1.9	54.5	0.84	0.22	6.51	0.270	2.38
457708		140	12.6	160.5	0.013	2.76	2.57	11.6	3	3.2	28.8	0.60	0.34	9.45	0.259	2.93
457709		130	14.3	143.0	0.013	2.46	3.17	12.0	3	2.2	16.6	0.63	0.29	10.10	0.265	3.06
457710		160	9.0	119.5	0.010	2.09	2.03	12.2	3	1.7	19.5	0.45	0.11	7.83	0.218	2.15

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CERTIFICAT D'ANALYSE VO18168878

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457691		<0.1	4	1.6	4.4	18	2.3
457692		0.2	14	0.4	7.6	6	6.4
457693		0.1	8	0.2	5.6	3	2.9
457694		<0.1	8	1.3	5.7	3	1.6
457695		0.1	7	0.4	6.6	2	3.0
457696		0.1	5	0.2	5.5	2	2.4
457697		0.1	7	1.5	6.6	2	2.8
457698		<0.1	6	0.5	4.8	6	1.9
457699		1.1	136	2.1	18.4	121	139.5
457700		0.1	8	0.2	5.4	2	2.1
457701		0.1	7	0.3	5.8	3	3.3
457702		0.1	7	0.1	5.6	13	3.5
457703		0.5	34	0.3	6.0	14	22.7
457704		0.4	31	0.2	4.3	9	18.2
457705		3.3	82	1.0	5.7	59	40.9
457706		0.3	1	0.1	2.0	4	1.8
457707		5.0	171	2.2	8.7	132	66.5
457708		3.4	204	2.1	4.7	78	73.9
457709		5.2	238	2.4	5.7	151	81.5
457710		6.4	245	1.5	5.4	184	56.6

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CERTIFICAT D'ANALYSE VO18168878

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18168879

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Bon de commande #: KANDH18- PRIORITY- 004

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

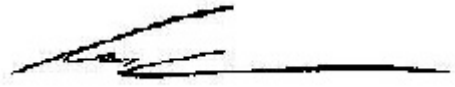
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18168879

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457711		2.18	0.009	0.21	5.04	38.2	150	1.09	0.13	4.21	0.20	34.1	9.8	67	2.34	62.2
457712		2.19	0.084	0.07	0.79	7.6	20	0.36	0.04	3.83	0.13	18.80	6.0	20	0.85	14.7
457713		2.57	<0.001	0.03	0.50	4.0	10	0.35	0.01	5.32	0.08	13.25	5.9	19	0.49	3.1
457714		2.78	0.001	0.04	0.30	6.5	10	0.33	0.01	2.78	0.07	11.50	3.9	10	0.25	7.1
457715		2.76	0.011	0.09	0.20	0.5	<10	0.20	0.01	1.43	0.08	8.84	3.6	3	0.27	18.0
457716		2.96	0.004	0.12	0.18	0.6	<10	0.23	0.03	1.85	0.09	6.27	5.1	1	0.07	30.5
457717		1.68	0.006	0.45	0.66	0.7	10	0.23	0.08	2.64	0.18	14.35	10.5	6	0.26	109.5
457718		2.47	0.081	1.04	3.88	12.4	170	2.07	0.55	0.75	0.58	45.8	58.6	68	2.81	183.0
457719		0.06	2.55	0.42	6.77	11.4	320	1.12	0.15	4.77	0.08	44.5	48.6	318	0.64	82.6
457720		1.21	0.017	0.06	0.20	4.2	10	0.14	0.01	5.38	0.14	7.71	2.2	8	0.24	11.3
457721		2.61	0.029	0.06	0.26	1.7	10	0.17	0.01	3.61	0.11	8.23	2.7	10	0.30	8.2
457722		2.53	0.139	0.09	0.26	0.9	20	0.24	0.02	2.06	0.09	10.75	6.0	9	0.44	17.1
457723		2.61	0.026	0.02	0.45	1.0	20	0.31	0.01	3.49	0.10	13.75	5.7	15	0.42	3.8
457724		2.49	0.007	0.03	0.42	3.8	10	0.32	0.01	1.57	0.06	12.85	5.4	15	0.13	9.3
457725		2.26	0.021	0.24	5.80	19.8	210	2.93	0.12	0.50	0.09	48.0	16.9	77	2.74	29.8
457726		0.23	<0.001	0.01	0.09	0.9	70	0.05	0.02	19.15	0.03	3.23	0.6	2	0.36	2.6
457727		3.82	0.019	0.22	6.63	12.3	240	3.25	0.14	0.54	0.10	52.5	14.9	74	3.17	31.7
457728		3.32	0.017	0.01	0.12	0.4	10	0.42	<0.01	1.12	0.06	6.29	3.5	4	2.05	3.4
457729		2.37	0.450	0.02	0.11	0.5	<10	0.41	<0.01	1.22	0.07	8.86	3.4	5	0.96	3.5
457730		2.29	0.157	0.02	0.08	0.7	10	0.64	<0.01	1.07	0.07	5.85	3.4	3	1.00	4.8

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CERTIFICAT D'ANALYSE VO18168879

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457711		15.00	18.00	0.11	1.5	0.012	0.043	1.43	17.9	35.8	3.41	3880	5.39	0.03	9.9	32.3
457712		20.7	3.25	0.07	0.7	<0.005	0.026	0.20	10.1	6.5	3.48	12700	0.28	0.01	4.8	10.0
457713		17.95	2.12	0.07	0.4	<0.005	0.014	0.08	6.7	6.3	3.48	10300	0.32	0.01	3.7	8.3
457714		25.2	1.32	0.08	0.2	<0.005	0.017	0.03	6.2	4.0	4.10	7460	0.14	<0.01	1.8	3.7
457715		27.2	0.99	0.09	<0.1	<0.005	0.020	0.01	5.4	3.1	4.25	6830	0.07	<0.01	0.3	5.1
457716		31.4	0.87	0.10	<0.1	<0.005	0.030	0.01	4.2	3.0	4.99	8430	0.05	<0.01	0.4	8.2
457717		32.1	2.66	0.10	0.2	<0.005	0.087	0.09	9.2	8.4	5.56	12500	1.18	<0.01	0.9	38.9
457718		21.3	13.35	0.13	1.8	0.052	0.111	1.98	25.3	22.1	1.27	1260	17.05	0.06	5.3	76.6
457719		7.38	16.95	0.11	3.0	0.045	0.056	0.97	22.4	9.5	5.47	1000	2.81	1.96	26.9	346
457720		11.35	0.87	0.05	0.1	<0.005	0.011	0.07	4.4	2.3	2.83	3290	0.65	0.01	0.6	3.9
457721		17.00	1.25	0.07	0.1	<0.005	0.013	0.08	4.9	2.7	3.17	4510	0.23	0.01	0.5	5.6
457722		23.4	1.19	0.08	0.2	<0.005	0.008	0.05	6.2	3.0	2.95	6680	0.24	<0.01	1.1	8.4
457723		22.5	2.14	0.08	0.3	<0.005	0.009	0.07	7.5	5.6	3.58	8530	0.37	<0.01	2.4	7.6
457724		19.00	1.80	0.08	0.3	0.005	0.009	0.04	7.1	4.9	2.54	8300	0.38	<0.01	3.1	8.9
457725		13.45	16.55	0.10	1.5	<0.005	0.045	2.10	24.7	54.3	1.85	1940	1.82	0.05	10.9	50.3
457726		0.34	0.39	0.24	<0.1	<0.005	<0.005	0.05	1.6	18.5	12.00	345	0.09	0.02	0.2	0.7
457727		11.55	17.05	0.11	1.8	0.011	0.043	2.38	27.6	63.1	2.23	1000	3.54	0.05	7.9	49.8
457728		27.4	0.50	0.09	<0.1	<0.005	<0.005	0.04	4.1	0.7	3.66	6700	0.05	0.01	0.4	1.1
457729		26.3	0.51	0.09	<0.1	0.039	<0.005	0.02	5.5	0.8	3.67	6030	0.05	0.01	0.4	1.1
457730		26.1	0.38	0.09	<0.1	<0.005	<0.005	0.03	3.9	0.7	3.54	6350	0.06	0.01	0.4	1.2

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Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457711		710	6.7	60.9	0.009	2.08	1.01	12.0	2	0.7	130.0	0.54	0.14	3.08	0.292	1.31
457712		460	2.3	11.0	<0.002	0.58	0.25	2.1	1	0.2	75.1	0.30	<0.05	1.23	0.096	0.48
457713		370	1.6	5.4	<0.002	0.14	0.16	1.4	1	0.2	75.5	0.22	<0.05	0.75	0.065	0.30
457714		300	1.2	1.4	<0.002	0.36	0.19	0.8	1	<0.2	48.0	0.09	<0.05	0.38	0.025	0.07
457715		170	1.1	0.7	<0.002	0.75	0.16	0.5	1	<0.2	31.0	<0.05	0.07	0.11	<0.005	0.05
457716		150	1.7	0.4	<0.002	1.22	0.31	0.6	1	<0.2	41.0	<0.05	0.11	0.10	<0.005	0.02
457717		360	4.2	4.8	<0.002	4.33	0.73	1.4	3	0.2	94.6	0.05	0.45	0.50	0.014	0.24
457718		380	21.5	81.4	0.015	>10.0	4.23	8.8	6	4.6	33.8	0.23	1.27	3.79	0.093	2.90
457719		1830	4.4	30.8	<0.002	0.04	0.30	21.1	1	1.2	475	1.46	0.08	2.74	1.035	0.06
457720		50	1.7	3.5	<0.002	0.62	0.16	0.4	1	<0.2	124.5	<0.05	0.05	0.16	0.006	0.18
457721		140	1.3	3.9	<0.002	0.52	0.15	0.4	1	<0.2	72.9	<0.05	0.05	0.18	0.008	0.20
457722		240	1.2	2.2	<0.002	0.86	0.19	0.5	2	<0.2	42.2	0.09	0.07	0.29	0.013	0.11
457723		430	1.5	3.2	<0.002	0.24	0.17	1.3	1	<0.2	69.3	0.14	<0.05	0.61	0.042	0.16
457724		580	1.1	2.2	<0.002	0.42	0.17	1.0	1	<0.2	39.7	0.14	<0.05	0.53	0.033	0.07
457725		220	7.4	88.4	0.005	2.44	1.54	10.3	2	1.2	24.6	0.62	0.08	6.44	0.229	1.81
457726		20	2.4	1.7	<0.002	0.02	0.13	0.3	2	<0.2	176.0	<0.05	<0.05	0.14	0.005	0.06
457727		190	10.4	95.1	0.009	1.88	2.07	9.9	2	1.2	25.4	0.49	0.11	8.39	0.219	1.72
457728		150	0.6	1.8	<0.002	0.18	0.05	0.1	1	<0.2	19.6	<0.05	<0.05	0.08	<0.005	<0.02
457729		170	0.8	0.8	<0.002	0.23	0.06	0.2	1	<0.2	22.9	<0.05	<0.05	0.06	<0.005	<0.02
457730		250	0.7	1.1	<0.002	0.19	0.07	0.2	1	<0.2	20.5	<0.05	<0.05	0.08	<0.005	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168879

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457711		7.6	220	0.8	10.1	270	62.6
457712		0.6	45	0.2	6.4	62	30.4
457713		0.5	35	0.2	5.6	36	18.4
457714		0.3	21	0.4	5.2	42	10.0
457715		0.1	12	0.1	4.4	49	2.7
457716		0.1	11	0.1	4.7	63	2.2
457717		0.4	24	0.1	6.2	134	9.0
457718		8.3	124	0.6	7.5	143	74.4
457719		0.6	146	2.8	20.5	102	134.0
457720		0.3	13	0.1	5.2	28	4.4
457721		0.2	18	0.4	4.5	38	4.5
457722		0.3	21	0.2	4.9	30	7.7
457723		0.5	33	0.2	6.7	26	12.9
457724		0.4	31	0.4	5.3	12	13.2
457725		4.8	185	0.9	6.9	102	59.9
457726		0.2	4	0.2	2.3	12	1.6
457727		4.8	198	1.3	6.6	155	66.6
457728		0.1	8	1.1	3.7	12	2.2
457729		0.1	7	0.3	4.1	17	2.6
457730		0.1	7	0.4	4.0	17	2.3

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CERTIFICAT D'ANALYSE VO18168879

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 27- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18168880

Projet: Kan

Bon de commande #: KANDH18- 036

Ce rapport s'applique aux 21 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH	PAUL DOBAK	SIMON HEBERT
SIMON HOULE	AUDREY ROUSSEL- LALIER	LEE SCHOLL
LIZ STOCK	CORPORATIF WEBTRIEVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18168880

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456701		4.08	0.028	0.82	6.83	9.7	220	1.83	0.22	0.76	3.16	78.8	37.0	84	2.73	173.5
456702		5.12	0.011	0.34	0.71	9.0	20	0.25	0.05	8.17	0.11	22.6	14.4	15	0.19	105.5
456703		3.08	0.070	0.02	0.25	14.0	<10	0.39	0.01	1.28	0.03	17.90	5.6	7	<0.05	4.6
456704		2.50	0.004	0.02	0.23	3.1	10	0.95	0.01	1.05	0.03	12.95	5.2	10	0.19	2.1
456705		2.61	0.004	0.01	0.27	9.0	20	0.60	0.03	1.56	0.02	14.15	5.3	9	1.26	3.0
456706		2.87	0.002	<0.01	0.12	2.0	10	0.40	0.02	2.46	0.05	7.96	3.3	11	1.52	0.9
456707		2.31	0.002	0.01	0.37	3.6	20	0.51	0.02	1.73	0.06	15.80	9.6	10	4.93	1.6
456708		2.49	0.002	<0.01	0.03	1.5	<10	0.37	0.02	1.08	0.04	4.24	3.6	6	0.34	0.6
456709		0.08	2.59	0.43	6.95	11.1	330	1.18	0.16	4.88	0.07	45.2	52.1	315	0.67	83.5
456710		2.14	0.121	0.01	0.37	2.8	10	0.24	0.02	1.77	0.13	9.92	4.8	5	2.00	4.0
456711		1.56	0.577	0.33	0.59	6.5	20	0.53	0.02	1.78	0.14	5.07	5.3	8	3.54	17.2
456712		2.51	0.016	0.01	0.04	0.4	<10	0.24	0.01	1.40	0.04	4.61	3.8	6	0.31	1.4
456713		2.63	<0.001	0.01	0.03	0.8	<10	0.29	0.02	0.97	0.03	5.94	4.1	6	0.17	3.7
456714		2.31	1.125	0.02	0.11	0.5	10	0.18	0.02	1.12	0.09	4.60	2.9	17	0.51	10.8
456715		2.13	1.680	<0.01	0.08	1.4	10	0.12	0.02	1.21	0.10	9.33	4.3	5	0.70	10.9
456716		0.23	0.001	0.01	0.28	0.9	230	0.17	0.03	19.30	0.08	1.33	0.7	2	0.48	2.8
456717		3.23	0.101	0.01	0.09	1.9	10	0.23	0.02	1.40	0.11	13.65	3.8	4	1.10	9.5
456718		2.56	0.015	<0.01	0.02	0.3	<10	0.18	0.01	1.08	0.06	10.05	3.6	5	0.39	2.0
456719		3.09	2.26	0.02	0.21	14.6	10	0.31	0.02	1.86	0.17	8.06	4.9	5	3.54	15.9
456720		1.99	0.003	<0.01	0.08	8.3	<10	0.33	0.02	1.30	0.05	6.31	3.4	10	0.84	2.0
456721		2.24	<0.001	0.03	0.97	1.4	10	0.70	0.03	1.70	0.07	22.0	7.3	26	0.11	7.5

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Projet: Kan

CERTIFICAT D'ANALYSE VO18168880

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456701		18.80	19.85	0.17	4.5	0.084	0.140	3.22	43.2	26.0	0.98	415	15.90	0.11	15.5	151.0
456702		15.50	3.03	0.09	0.3	0.026	0.029	0.22	12.5	7.5	4.29	6140	2.54	0.01	2.6	52.2
456703		25.9	1.10	0.10	0.2	<0.005	0.006	0.02	11.3	4.5	3.23	8920	0.57	<0.01	1.8	5.9
456704		23.8	0.96	0.09	0.2	<0.005	0.005	0.05	7.6	2.3	2.84	8260	0.51	<0.01	1.8	5.8
456705		23.8	0.89	0.09	0.2	<0.005	0.006	0.06	9.1	2.4	2.69	7350	0.28	<0.01	3.5	5.2
456706		20.5	0.54	0.07	0.1	<0.005	<0.005	0.04	4.6	1.1	3.16	5890	0.19	0.01	1.3	2.2
456707		32.7	1.57	0.11	0.2	<0.005	0.007	0.09	9.4	2.2	4.82	10150	0.29	0.01	3.8	5.3
456708		23.1	0.25	0.08	<0.1	<0.005	<0.005	0.01	2.7	0.5	3.39	6840	0.07	<0.01	0.6	1.2
456709		7.58	16.95	0.12	3.2	0.056	0.059	1.00	22.8	10.0	5.63	1040	2.89	2.02	28.4	358
456710		27.8	1.24	0.10	<0.1	<0.005	0.009	0.05	6.1	1.9	4.20	8190	0.09	0.01	0.9	1.7
456711		20.8	1.70	0.08	<0.1	<0.005	0.012	0.08	3.2	4.4	2.88	5090	0.09	<0.01	0.7	2.4
456712		25.9	0.26	0.09	<0.1	<0.005	<0.005	0.01	3.2	0.5	3.57	4860	0.06	<0.01	0.3	0.8
456713		26.3	0.27	0.09	<0.1	<0.005	0.005	0.01	4.5	0.5	3.27	7040	0.06	<0.01	0.4	1.1
456714		20.7	0.45	0.08	<0.1	<0.005	0.005	0.02	3.1	1.2	2.67	6120	0.11	<0.01	0.6	1.3
456715		23.8	0.41	0.09	<0.1	<0.005	<0.005	0.01	5.7	1.0	3.03	6350	0.05	<0.01	0.4	1.5
456716		0.27	0.75	0.24	0.2	<0.005	<0.005	0.11	0.7	14.7	13.05	322	0.08	0.13	0.8	0.5
456717		28.6	0.44	0.09	<0.1	<0.005	0.006	0.02	8.0	1.1	3.89	7480	0.05	<0.01	0.4	1.1
456718		27.7	0.22	0.09	<0.1	<0.005	<0.005	0.01	5.7	0.5	3.79	5670	0.06	<0.01	0.4	1.0
456719		27.0	0.72	0.08	<0.1	<0.005	0.006	0.03	4.9	1.3	4.01	5910	<0.05	<0.01	0.3	1.5
456720		24.4	0.51	0.07	<0.1	<0.005	<0.005	0.02	4.2	0.6	3.67	7640	0.12	<0.01	0.8	2.0
456721		23.4	3.57	0.10	0.6	<0.005	0.019	0.06	11.9	7.8	3.22	12950	0.42	<0.01	6.8	8.4

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CERTIFICAT D'ANALYSE VO18168880

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456701		310	35.8	86.3	0.023	>10.0	6.62	13.9	5	2.5	38.2	0.94	0.56	6.93	0.213	2.47
456702		260	9.2	5.9	0.002	4.80	1.69	2.6	3	0.3	269	0.13	0.31	0.74	0.028	0.18
456703		500	1.2	0.7	<0.002	0.47	0.32	0.5	1	<0.2	19.7	0.11	<0.05	0.36	0.010	0.04
456704		320	0.8	2.4	<0.002	0.17	0.21	0.5	1	<0.2	16.5	0.11	<0.05	0.28	0.012	0.09
456705		290	1.3	3.6	<0.002	0.17	0.30	0.5	1	<0.2	21.8	0.20	<0.05	0.40	0.013	0.22
456706		170	0.7	2.0	<0.002	0.05	0.09	0.3	1	<0.2	43.7	0.05	<0.05	0.17	0.011	0.07
456707		350	0.6	4.2	<0.002	0.08	0.17	1.0	1	<0.2	35.5	0.13	<0.05	0.59	0.039	0.15
456708		180	<0.5	0.4	<0.002	0.01	0.10	0.1	1	<0.2	19.2	<0.05	<0.05	0.05	<0.005	<0.02
456709		1880	4.6	30.9	<0.002	0.04	0.32	21.3	1	1.2	491	1.55	0.08	2.60	1.060	0.06
456710		80	0.7	2.2	<0.002	0.28	0.08	0.4	1	<0.2	46.0	<0.05	<0.05	0.14	0.005	0.07
456711		150	1.2	4.1	<0.002	0.93	0.12	0.5	1	0.2	55.5	0.05	0.05	0.07	<0.005	0.20
456712		90	<0.5	0.4	<0.002	0.10	0.05	0.1	1	<0.2	27.6	<0.05	<0.05	0.03	<0.005	<0.02
456713		350	0.5	0.2	<0.002	0.26	0.08	0.2	1	<0.2	16.2	<0.05	<0.05	0.05	<0.005	<0.02
456714		60	0.9	0.9	<0.002	0.52	0.11	0.2	1	<0.2	30.9	<0.05	<0.05	0.04	<0.005	0.03
456715		130	1.1	0.6	<0.002	0.52	0.26	0.2	1	<0.2	34.2	<0.05	<0.05	0.07	<0.005	0.02
456716		30	9.7	2.8	<0.002	<0.01	0.12	0.2	2	<0.2	142.5	0.06	<0.05	0.25	0.005	0.11
456717		90	0.8	0.9	<0.002	0.47	0.07	0.5	1	<0.2	31.8	<0.05	<0.05	0.09	<0.005	0.03
456718		100	<0.5	0.3	<0.002	0.12	0.05	0.2	1	<0.2	20.8	<0.05	<0.05	0.03	<0.005	<0.02
456719		50	0.9	1.3	<0.002	0.68	0.07	0.3	1	<0.2	57.0	<0.05	0.05	0.04	<0.005	0.04
456720		200	0.5	0.9	<0.002	0.10	0.08	0.2	1	<0.2	27.0	<0.05	<0.05	0.09	0.006	0.02
456721		570	1.6	2.1	<0.002	0.36	0.28	2.7	1	<0.2	32.9	0.36	0.05	1.19	0.106	0.06

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CERTIFICAT D'ANALYSE VO18168880

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456701		15.6	182	1.3	13.6	916	183.5
456702		1.1	40	0.2	6.4	49	16.5
456703		0.3	26	0.1	5.6	19	10.3
456704		0.3	23	0.2	4.9	10	8.4
456705		0.3	22	0.1	5.1	7	10.6
456706		0.1	11	0.2	4.5	12	3.7
456707		0.3	28	0.3	5.5	17	11.1
456708		<0.1	6	0.1	3.5	7	2.2
456709		0.6	149	3.0	20.3	104	138.0
456710		0.1	18	0.1	4.9	35	3.7
456711		0.1	24	0.2	4.3	37	2.5
456712		<0.1	5	0.1	4.1	5	1.4
456713		<0.1	5	0.1	4.0	8	1.5
456714		<0.1	6	0.1	3.0	20	1.3
456715		0.1	7	0.1	3.8	17	2.6
456716		1.0	2	0.2	0.7	15	4.9
456717		0.1	13	0.1	4.7	31	4.5
456718		<0.1	11	0.1	3.9	12	2.9
456719		0.1	12	0.1	5.0	31	2.9
456720		0.1	9	0.3	3.9	8	2.8
456721		1.0	60	0.2	6.5	16	30.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168880

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU- 31	LOG- 21	LOG- 23	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 28- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18168882

Projet: Kan

Bon de commande #: KANDH18- 037

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 28- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168882

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456722		4.63	0.002	0.08	6.31	61.7	280	1.04	0.01	5.64	0.22	9.07	43.1	133	1.64	115.0
456723		4.01	0.002	0.07	6.36	55.5	230	0.69	0.01	5.01	0.20	11.40	42.1	131	1.49	126.0
456724		4.89	0.006	0.21	5.83	14.6	310	2.43	0.11	0.56	0.32	48.9	12.9	72	2.52	66.1
456725		4.97	0.034	0.69	6.29	13.7	140	2.01	0.21	0.36	3.05	64.1	31.0	81	3.12	191.0
456726		4.72	0.041	0.69	6.35	12.9	150	1.69	0.23	0.22	4.03	68.6	20.2	85	3.20	207
456727		5.01	0.096	0.89	5.92	76.0	120	1.50	0.47	0.67	2.95	67.3	59.7	84	3.08	161.0
456728		4.87	0.014	0.44	7.68	4.5	280	2.12	0.12	0.33	2.57	63.9	13.1	116	3.59	170.5
456729		0.06	7.79	1.26	5.98	32.5	300	0.98	0.44	2.91	0.08	29.6	42.5	316	0.62	113.0
456730		5.24	0.023	0.73	4.70	7.1	140	1.69	0.29	0.74	3.49	58.8	13.0	52	1.95	320
456731		4.67	0.017	0.33	9.53	2.8	380	2.92	0.11	0.58	2.16	66.0	7.2	113	4.12	121.5
456732		4.54	0.054	0.73	7.06	21.8	160	2.12	0.31	0.48	3.52	51.2	36.9	94	3.00	216
456733		4.88	0.157	1.13	6.03	86.0	130	1.97	0.46	0.34	3.49	59.5	87.5	85	2.95	154.5
456734		4.14	0.029	0.76	4.45	7.6	170	1.39	0.24	1.21	2.28	43.9	24.8	73	2.05	253
456735		4.83	0.022	0.87	4.92	10.3	130	2.23	0.34	0.35	3.86	54.2	52.1	71	2.16	337
456736		0.27	0.002	0.01	0.09	0.3	30	0.09	0.02	32.4	0.02	1.21	0.9	2	0.07	2.7
456737		5.47	0.257	1.99	3.93	121.5	80	2.01	0.93	0.40	6.48	44.4	93.4	61	1.81	274
456738		5.24	0.192	1.72	4.78	86.9	50	2.29	0.74	0.25	5.22	44.7	63.0	75	2.15	275
456739		5.40	0.045	1.01	4.12	9.0	120	2.24	0.34	0.63	4.17	41.7	37.9	66	1.99	396

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 28- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168882

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456722		8.67	14.10	0.08	1.3	<0.005	0.072	2.21	3.4	42.9	3.82	1240	0.23	0.04	2.7	82.6
456723		9.15	14.20	0.09	1.4	<0.005	0.069	2.06	4.3	43.3	3.86	1040	1.14	0.04	2.8	86.5
456724		10.45	16.30	0.12	1.5	<0.005	0.053	2.80	24.8	39.1	1.78	993	3.12	0.06	5.5	52.4
456725		18.60	19.00	0.15	3.1	0.076	0.159	3.45	35.4	33.8	0.83	305	21.5	0.08	9.8	128.0
456726		19.45	19.15	0.15	3.4	0.114	0.183	3.32	38.5	31.2	0.75	220	20.9	0.08	11.0	140.0
456727		19.00	17.65	0.17	3.9	0.174	0.146	3.07	36.9	28.8	0.96	469	20.7	0.08	11.9	134.0
456728		15.45	21.1	0.18	4.0	0.062	0.141	3.98	34.5	32.7	0.74	206	16.10	0.13	12.2	116.0
456729		5.46	14.50	0.14	2.2	0.159	0.045	1.03	15.2	16.4	3.90	710	5.56	1.16	16.3	242
456730		22.9	14.35	0.17	3.3	0.091	0.115	2.42	32.5	18.9	0.76	369	14.10	0.07	7.8	174.5
456731		11.10	24.3	0.22	4.7	0.036	0.122	4.81	37.4	33.2	0.86	209	10.20	0.17	12.0	81.1
456732		17.45	19.65	0.19	4.1	0.092	0.151	3.78	26.1	28.3	0.75	226	15.45	0.09	14.5	114.0
456733		17.05	18.90	0.17	2.7	0.192	0.149	3.14	33.3	31.2	0.81	231	22.7	0.07	11.1	106.5
456734		17.95	14.00	0.14	1.9	0.057	0.106	2.20	25.0	23.6	1.17	831	15.55	0.05	6.8	96.3
456735		25.2	15.80	0.18	2.3	0.100	0.182	2.53	29.7	24.7	0.95	665	15.35	0.06	6.5	136.5
456736		0.21	0.30	0.07	<0.1	<0.005	<0.005	0.03	1.2	2.5	2.82	146	0.08	0.03	0.2	0.6
456737		27.3	14.50	0.18	1.6	0.371	0.338	2.00	23.2	21.0	0.84	623	18.25	0.05	4.2	131.5
456738		26.2	16.05	0.18	1.9	0.273	0.282	2.55	22.6	24.9	0.76	460	14.60	0.06	5.1	130.0
456739		26.7	13.35	0.16	1.5	0.121	0.198	2.07	23.5	24.7	1.30	1360	14.55	0.05	3.8	125.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 28- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168882

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456722		340	1.7	72.2	0.002	0.12	0.28	39.3	1	0.7	127.5	0.17	<0.05	0.23	0.596	0.95
456723		330	1.6	66.0	0.003	0.34	0.29	37.8	1	0.6	119.5	0.18	<0.05	0.54	0.571	0.87
456724		260	13.8	97.1	0.009	4.50	3.27	10.7	3	1.3	27.0	0.24	0.12	5.91	0.118	1.54
456725		220	40.5	103.0	0.024	>10.0	9.92	11.1	5	2.9	24.6	0.51	0.52	6.24	0.157	2.32
456726		240	40.8	98.3	0.028	>10.0	8.86	10.4	6	3.4	20.4	0.63	0.64	6.73	0.170	2.49
456727		250	70.4	90.1	0.029	>10.0	13.25	11.9	6	2.7	41.9	0.73	1.74	6.68	0.179	2.72
456728		460	25.7	105.5	0.024	8.25	4.03	17.6	4	3.0	29.6	0.65	0.33	5.29	0.249	2.72
456729		1060	8.4	37.5	<0.002	0.09	0.70	21.7	1	0.9	269	0.86	0.23	2.13	0.651	0.17
456730		220	49.4	70.0	0.021	>10.0	6.14	7.9	6	2.0	34.1	0.43	0.63	5.07	0.109	1.73
456731		250	21.4	122.5	0.012	6.07	4.55	20.7	4	2.5	32.9	0.63	0.29	5.21	0.304	3.22
456732		330	104.0	92.2	0.023	>10.0	9.20	16.5	5	2.9	26.0	0.82	1.12	4.66	0.251	2.71
456733		220	137.5	96.1	0.026	>10.0	18.55	11.8	5	2.9	21.9	0.60	2.79	5.59	0.183	2.86
456734		300	116.0	64.9	0.017	>10.0	8.26	9.8	5	1.9	45.3	0.40	0.78	3.67	0.135	1.67
456735		320	62.5	80.6	0.021	>10.0	10.90	10.3	8	4.9	20.2	0.39	0.99	4.32	0.125	2.19
456736		70	1.0	0.9	<0.002	0.04	0.12	0.2	2	<0.2	83.9	<0.05	<0.05	0.09	0.006	0.02
456737		310	178.5	65.4	0.022	>10.0	34.4	10.2	9	9.2	21.5	0.26	3.74	3.17	0.104	2.69
456738		250	146.5	79.6	0.018	>10.0	29.2	10.3	8	6.4	17.2	0.28	3.51	3.27	0.125	3.03
456739		250	58.0	65.1	0.016	>10.0	13.50	8.5	7	4.7	28.5	0.20	1.41	3.17	0.106	2.20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 28- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168882

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456722		0.1	321	0.9	3.6	81	53.0
456723		0.5	320	0.8	3.7	97	50.7
456724		5.4	226	1.3	6.3	120	61.5
456725		13.2	249	1.3	9.9	913	132.0
456726		14.5	234	1.2	10.0	1240	135.5
456727		13.2	224	1.2	15.4	898	156.5
456728		17.3	229	1.6	9.9	689	163.5
456729		0.5	141	8.0	14.6	82	94.6
456730		9.5	152	1.3	8.8	824	136.0
456731		10.0	170	2.2	11.0	530	180.0
456732		15.2	205	2.0	10.8	936	164.0
456733		11.0	250	1.7	11.6	916	118.0
456734		6.9	161	1.3	7.4	619	80.7
456735		7.9	146	1.5	7.5	896	95.4
456736		0.2	2	0.1	1.9	8	1.6
456737		6.1	139	1.4	12.7	1870	66.7
456738		6.0	131	1.6	8.4	1540	73.9
456739		6.0	119	1.1	5.8	1130	63.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 28- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168882

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 28-JUIL-2018
Compte: MINVIR

CERTIFICAT VO18168884

Projet: Kan

Bon de commande #: KANDH18-038

Ce rapport s'applique aux 21 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13-JUIL-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL-LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

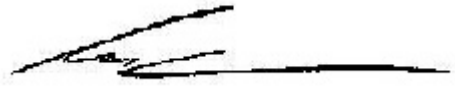
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 28-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168884

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
456740		2.54	0.006	0.20	1.33	16.6	20	0.58	0.11	1.67	0.31	20.1	6.3	26	0.37	96.9
456741		2.55	0.006	0.13	0.84	7.0	20	0.58	0.13	1.73	0.23	16.00	5.8	27	0.24	62.1
456742		2.00	<0.001	0.06	0.22	28.7	10	0.37	0.07	1.71	0.12	12.20	3.9	18	0.06	18.7
456743		2.10	0.004	0.08	0.36	21.9	10	0.37	0.12	1.22	0.23	15.95	3.0	19	0.09	21.7
456744		2.21	0.006	0.10	0.36	10.3	<10	0.45	0.17	0.95	0.50	11.05	4.7	15	0.07	38.5
456745		2.44	0.005	0.23	0.71	14.5	<10	0.25	0.24	1.04	1.16	12.90	6.7	24	0.07	70.2
456746		2.81	0.005	0.18	0.25	85.0	<10	0.12	0.11	0.97	0.11	10.15	5.5	19	<0.05	75.8
456747		1.20	0.010	0.31	0.79	88.3	30	0.25	0.11	1.29	0.83	13.35	7.8	25	0.44	121.5
456748		4.85	0.034	0.88	6.37	3.0	120	2.13	0.29	0.82	4.40	67.2	12.7	86	3.08	240
456749		0.09	7.86	1.32	6.34	34.5	320	0.95	0.53	3.10	0.08	31.4	42.5	335	0.68	115.5
456750		4.57	0.046	1.10	5.54	45.8	120	1.85	0.47	0.25	4.94	56.2	62.1	76	2.72	193.0
456751		4.82	0.022	0.83	5.65	8.5	120	1.90	0.20	1.04	4.06	94.2	28.6	57	2.66	229
456752		2.57	0.019	0.83	6.30	4.8	130	2.50	0.25	0.20	1.93	59.1	35.9	105	2.64	267
456753		2.52	0.021	0.12	0.85	10.6	10	0.19	0.03	3.51	0.15	12.80	3.0	30	0.14	44.3
456754		2.44	0.026	0.13	1.42	93.2	10	0.23	0.06	1.55	0.12	17.65	9.7	34	0.14	38.5
456755		3.73	0.016	0.12	3.18	212	140	0.84	0.10	4.71	0.17	25.5	11.5	74	0.56	43.3
456756		0.19	0.002	0.02	0.16	1.0	110	<0.05	0.02	20.4	0.04	1.24	0.7	1	0.54	1.9
456757		3.44	<0.001	0.04	6.14	42.0	100	1.10	0.02	2.59	0.04	16.10	36.5	118	0.41	56.1
456758		4.12	0.001	0.05	6.59	57.9	60	0.98	0.02	3.10	0.07	10.70	46.2	139	0.40	52.4
456759		4.48	0.001	0.05	6.30	59.6	120	1.07	0.02	4.79	0.10	8.35	41.3	124	0.72	92.1
456760		3.29	0.001	0.12	6.15	86.3	210	1.19	0.02	5.78	0.13	8.19	52.4	124	1.01	168.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168884

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
456740		23.2	4.28	0.09	0.5	<0.005	0.054	0.26	11.5	17.3	3.48	6660	3.40	0.05	2.2	34.0
456741		20.7	3.15	0.08	0.4	0.008	0.061	0.17	9.2	13.8	2.87	7010	3.79	0.04	2.3	23.9
456742		15.55	1.29	0.06	0.1	<0.005	0.032	0.04	6.9	4.2	2.46	3600	1.45	0.02	1.0	8.1
456743		15.45	2.13	0.06	0.2	<0.005	0.035	0.05	9.7	7.0	2.49	3600	1.47	0.01	1.3	9.0
456744		17.20	2.32	0.06	0.2	0.009	0.045	0.04	6.6	7.6	2.79	4510	2.69	0.03	1.4	14.5
456745		17.40	4.25	0.07	0.2	0.014	0.069	0.05	7.5	9.4	2.76	4300	3.62	0.11	1.5	28.8
456746		13.35	1.76	0.06	0.1	<0.005	0.043	0.03	5.9	2.7	2.39	3830	1.79	0.05	0.8	27.7
456747		11.70	2.65	0.06	0.3	0.022	0.050	0.28	7.7	7.4	1.77	2870	2.73	0.01	1.6	51.7
456748		20.5	19.15	0.16	4.0	0.094	0.190	3.24	37.7	30.1	1.02	698	21.6	0.08	10.0	130.0
456749		5.77	15.75	0.07	2.6	0.162	0.055	1.10	16.0	16.4	4.18	776	6.49	1.23	17.0	260
456750		20.5	17.90	0.15	3.8	0.162	0.174	2.76	29.5	32.5	0.81	297	21.3	0.07	12.8	130.0
456751		20.8	19.00	0.19	5.7	0.071	0.147	2.76	50.6	30.3	1.15	578	17.05	0.07	18.8	144.5
456752		25.5	18.85	0.17	3.5	0.050	0.114	2.92	32.4	32.0	1.04	399	21.6	0.07	10.5	168.5
456753		10.75	3.47	0.05	0.5	<0.005	0.023	0.11	7.0	9.7	2.23	7860	0.37	0.10	1.5	26.8
456754		25.2	6.04	0.09	0.8	<0.005	0.041	0.15	9.6	13.8	4.05	25100	0.80	0.21	3.2	20.9
456755		14.65	10.75	0.08	1.4	0.008	0.049	0.59	13.8	31.3	3.39	9490	4.29	0.03	3.7	38.2
456756		0.26	0.49	0.06	0.1	<0.005	<0.005	0.10	0.6	15.9	13.60	446	0.10	0.01	0.3	0.7
456757		12.75	15.55	0.06	1.6	<0.005	0.060	0.27	7.2	104.5	4.89	1460	1.04	0.02	1.5	81.0
456758		13.55	16.80	0.07	1.6	<0.005	0.089	0.21	4.6	121.0	5.66	1770	0.25	0.01	2.2	91.3
456759		10.10	15.50	0.06	1.3	<0.005	0.071	0.71	3.2	79.9	4.70	1640	0.22	0.64	1.6	94.8
456760		9.57	14.60	0.06	1.3	<0.005	0.073	1.07	3.2	75.1	4.86	1480	0.21	0.40	1.5	125.0

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QUEBEC QC G1K 7R1

Finalisée date: 28-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168884

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
456740		400	7.4	12.4	0.003	4.38	1.19	3.8	2	0.9	53.8	0.13	0.49	0.97	0.049	0.50
456741		450	10.8	11.2	0.003	2.03	0.65	2.8	2	1.4	40.6	0.11	0.28	0.64	0.032	0.57
456742		270	4.4	2.4	0.002	1.01	0.44	0.6	1	0.5	28.3	<0.05	0.10	0.24	0.007	0.14
456743		470	4.3	3.3	0.002	1.24	0.60	0.8	1	0.7	22.5	0.06	0.15	0.34	0.011	0.17
456744		340	5.5	2.3	0.003	1.80	0.84	0.8	1	0.6	19.3	0.07	0.21	0.35	0.012	0.10
456745		280	5.6	1.7	0.003	3.14	0.87	2.2	2	0.3	26.3	0.08	0.34	0.48	0.030	0.08
456746		220	5.0	0.9	0.002	3.36	1.03	0.6	1	<0.2	29.3	<0.05	0.26	0.21	0.007	0.04
456747		260	11.5	9.2	0.003	5.36	2.43	1.7	2	0.5	56.4	0.11	0.35	0.73	0.029	0.33
456748		300	57.2	89.7	0.024	>10.0	10.15	12.7	5	3.8	44.7	0.63	0.71	6.37	0.179	3.01
456749		1140	10.4	38.9	<0.002	0.10	0.80	22.1	<1	1.1	289	1.01	0.25	2.45	0.699	0.21
456750		240	160.5	76.2	0.027	>10.0	14.35	10.0	5	3.0	20.0	0.84	1.20	5.93	0.155	2.74
456751		220	41.4	79.1	0.022	>10.0	9.94	9.5	5	3.0	50.5	1.29	0.47	8.34	0.148	2.47
456752		250	45.4	81.2	0.027	>10.0	10.65	13.9	6	2.9	17.8	0.61	0.56	5.86	0.205	2.41
456753		640	2.9	3.2	<0.002	2.45	0.32	2.4	1	<0.2	96.8	0.10	0.09	0.65	0.036	0.12
456754		730	3.1	4.2	<0.002	2.13	0.77	4.9	1	<0.2	34.7	0.21	0.10	1.28	0.081	0.15
456755		530	5.4	16.0	0.004	2.31	1.22	9.6	1	0.3	94.1	0.25	0.17	2.43	0.101	0.54
456756		20	1.7	3.3	<0.002	0.03	0.07	0.1	1	<0.2	142.5	<0.05	<0.05	0.06	0.006	0.09
456757		330	1.6	7.6	0.002	0.17	0.54	34.8	1	0.4	38.9	0.11	<0.05	1.21	0.137	0.23
456758		410	1.2	6.0	0.002	0.06	0.41	44.6	<1	0.4	60.7	0.13	<0.05	0.33	0.215	0.19
456759		350	2.2	19.5	<0.002	0.22	0.34	41.2	1	0.5	104.5	0.09	<0.05	0.21	0.238	0.66
456760		430	2.1	29.9	0.002	0.27	0.41	38.9	1	0.5	137.5	0.10	<0.05	0.19	0.310	0.84

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 28-JUIL-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168884

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
456740		1.5	50	0.1	4.9	191	22.0
456741		1.1	41	0.1	5.7	200	15.2
456742		0.6	14	<0.1	5.2	100	6.3
456743		0.7	19	0.1	6.1	124	7.9
456744		0.9	20	0.1	4.9	188	7.9
456745		1.1	35	0.4	4.8	340	12.4
456746		0.7	15	0.2	3.8	83	5.7
456747		1.5	34	0.3	3.7	206	12.9
456748		13.4	207	1.8	10.7	1020	146.5
456749		0.6	150	9.5	15.5	89	99.4
456750		11.6	200	1.7	10.5	1140	135.0
456751		10.7	161	1.3	12.9	874	203
456752		14.6	226	1.9	10.3	378	131.0
456753		0.4	50	0.2	4.8	59	20.2
456754		0.9	114	0.4	6.1	91	33.1
456755		4.2	167	0.2	7.6	109	53.8
456756		0.2	2	0.2	0.9	10	3.5
456757		1.2	295	0.4	6.2	149	51.9
456758		0.3	337	0.6	5.3	168	54.5
456759		0.1	313	0.8	4.4	161	38.4
456760		0.1	300	1.7	5.0	125	37.4

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CERTIFICAT D'ANALYSE VO18168884

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

Applique à la Méthode: ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 28- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18168886

Projet: Kan

Bon de commande #: KANDH18- 039

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

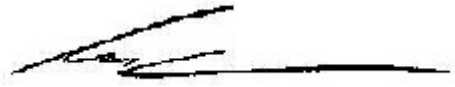
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 28- JUIL- 2018
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CERTIFICAT D'ANALYSE VO18168886

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456761		2.49	0.004	0.10	6.33	31.2	290	1.56	0.03	4.94	0.09	12.45	43.0	127	1.67	92.3
456762		3.17	0.013	0.44	9.99	2.6	350	2.22	0.19	0.61	0.20	89.4	21.4	122	4.83	98.1
456763		4.82	0.021	0.46	9.86	4.2	280	1.83	0.20	1.43	2.51	84.8	23.6	117	4.88	101.0
456764		3.50	0.016	0.55	9.79	14.2	350	2.04	0.24	0.67	2.18	65.5	28.0	110	4.68	113.0
456765		1.43	0.004	0.30	2.28	10.5	20	0.24	0.06	0.14	0.11	7.94	13.7	29	0.49	102.5
456766		2.22	<0.001	0.11	1.01	3.5	10	0.08	0.02	0.61	0.03	2.97	2.2	23	0.21	37.8
456767		2.28	0.004	0.35	3.26	15.6	30	0.31	0.04	3.96	0.10	10.45	6.6	66	0.56	95.5
456768		Not Recvd														
456769		0.06	0.683	0.21	7.78	21.2	350	1.66	0.16	4.75	0.23	53.6	45.0	200	2.06	58.5
456770		4.74	0.029	1.26	4.11	16.4	200	1.68	0.28	2.65	1.32	63.8	18.7	51	1.84	227
456771		4.80	0.204	1.86	5.52	151.0	50	2.34	0.40	0.11	4.08	37.8	35.7	69	2.80	80.9
456772		4.88	0.161	1.75	6.02	136.5	40	2.67	0.32	0.11	2.87	53.2	25.8	66	2.88	81.4
456773		2.41	0.090	1.91	5.52	71.2	130	2.50	0.34	0.06	4.73	54.9	35.1	70	2.53	250
456774		2.81	0.005	0.14	0.36	106.5	<10	0.13	0.08	1.26	0.09	16.60	2.7	15	0.06	35.5
456775		2.31	0.082	0.15	0.26	335	<10	0.12	0.05	1.90	0.11	11.50	4.6	13	0.05	37.5
456776		0.20	<0.001	0.03	0.10	1.0	150	0.07	0.03	19.00	0.06	1.66	0.8	3	0.50	2.3
456777		2.49	0.135	0.17	0.32	88.4	<10	0.18	0.04	3.46	0.15	12.95	3.6	13	0.08	60.3
456778		2.44	0.543	0.24	0.47	132.5	<10	0.20	0.07	1.93	0.14	15.05	5.4	11	0.08	68.1
456779		2.28	0.007	0.43	0.60	654	<10	0.17	0.06	3.63	0.15	9.43	21.6	9	0.09	228
456780		2.27	0.006	0.40	0.47	37.4	<10	0.13	0.04	5.02	0.18	11.60	7.4	11	0.05	205

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CERTIFICAT D'ANALYSE VO18168886

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456761		9.59	15.70	0.07	1.5	0.006	0.078	1.77	5.4	73.2	4.40	1630	1.02	0.06	2.7	123.0
456762		9.11	26.2	0.16	6.4	0.022	0.113	4.96	48.2	31.2	0.88	207	13.45	0.17	24.8	96.7
456763		9.77	25.7	0.17	6.2	0.055	0.147	4.67	47.7	28.8	1.16	373	12.10	0.39	20.3	93.2
456764		11.60	25.8	0.17	4.8	0.062	0.129	4.46	34.7	31.4	0.98	339	13.10	0.60	9.7	91.2
456765		9.99	8.09	0.06	0.5	0.016	0.028	0.41	4.5	32.9	1.47	373	3.43	0.02	1.2	74.1
456766		3.83	3.74	<0.05	0.2	0.007	0.012	0.17	1.6	15.6	0.82	619	0.24	0.01	0.4	22.2
456767		13.65	10.90	0.06	1.0	0.006	0.038	0.48	5.4	48.2	3.82	5620	2.07	0.05	1.4	74.7
456768																
456769		7.74	20.4	0.10	4.2	0.023	0.077	0.93	24.6	15.9	3.09	994	2.60	1.79	20.7	153.5
456770		21.2	13.65	0.15	3.3	0.046	0.096	1.85	34.7	25.0	1.74	3730	14.80	0.06	13.3	173.5
456771		17.25	18.70	0.14	3.8	0.313	0.170	2.68	18.0	32.1	0.62	115	23.6	0.09	16.7	144.0
456772		16.25	20.3	0.15	5.3	0.309	0.137	2.90	25.6	33.6	0.64	110	20.5	0.09	21.7	138.0
456773		20.9	17.70	0.15	3.3	0.195	0.148	2.55	29.9	29.9	0.60	82	23.4	0.08	10.6	184.0
456774		13.95	2.25	0.06	0.2	0.005	0.023	0.03	9.6	5.9	2.13	3300	2.12	0.03	1.5	18.4
456775		12.80	1.39	0.06	0.2	0.005	0.013	0.02	6.7	5.5	1.88	3650	0.44	0.01	0.6	25.2
456776		0.19	0.42	0.07	0.1	<0.005	0.005	0.05	0.9	15.2	13.60	330	0.12	0.03	0.2	1.0
456777		18.55	1.52	0.06	0.1	<0.005	0.018	0.01	7.4	7.7	3.02	6750	0.29	0.03	0.7	35.3
456778		23.3	1.96	0.09	0.2	0.037	0.021	0.01	8.6	9.4	3.01	9480	0.85	0.08	0.7	50.6
456779		16.45	2.72	0.06	0.2	0.006	0.019	0.03	5.4	12.1	2.75	7890	0.52	0.04	0.6	98.4
456780		14.25	2.17	0.07	0.1	0.005	0.022	0.02	6.3	11.0	3.02	8680	0.26	0.02	0.4	103.5

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168886

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456761		360	3.3	49.9	0.003	1.43	0.57	37.2	1	1.1	143.0	0.16	0.07	0.97	0.351	1.30
456762		470	18.0	121.5	0.014	4.81	4.52	24.5	2	3.4	42.4	1.58	0.24	7.86	0.433	4.01
456763		350	16.7	114.5	0.013	5.18	4.19	22.6	2	3.0	67.8	1.22	0.27	7.27	0.414	3.86
456764		290	18.3	105.0	0.015	6.57	4.08	21.6	3	2.8	51.3	0.58	0.30	5.72	0.313	3.93
456765		300	4.3	11.1	0.003	4.89	0.58	6.5	3	0.2	8.4	0.08	0.13	1.02	0.033	0.48
456766		310	1.3	4.5	<0.002	1.30	0.19	3.4	1	<0.2	18.9	<0.05	0.05	0.20	0.016	0.20
456767		450	4.3	13.2	0.002	4.49	0.50	14.5	2	0.2	119.5	0.08	0.19	0.63	0.076	0.57
456768																
456769		1220	15.1	44.1	<0.002	0.03	1.03	21.8	<1	1.9	372	1.31	0.06	5.41	0.976	0.21
456770		320	32.3	55.5	0.020	>10.0	7.31	7.3	5	2.5	83.8	1.10	0.58	5.60	0.136	1.95
456771		230	80.6	65.1	0.029	>10.0	20.9	9.9	5	3.1	14.9	1.15	1.35	4.37	0.181	3.94
456772		230	71.4	71.4	0.028	>10.0	19.75	10.2	4	3.2	16.6	1.60	1.06	5.77	0.195	4.39
456773		210	57.2	69.1	0.028	>10.0	13.80	9.6	5	3.4	13.3	0.71	0.88	6.05	0.151	3.62
456774		270	2.3	0.7	0.002	1.46	0.47	1.0	1	<0.2	29.1	0.08	0.12	0.41	0.013	0.04
456775		160	2.1	0.6	<0.002	1.82	0.35	0.5	1	<0.2	49.4	0.05	0.24	0.31	0.005	0.04
456776		20	2.9	1.8	<0.002	0.04	0.15	0.2	1	<0.2	132.0	<0.05	<0.05	0.22	0.006	0.08
456777		220	2.1	0.3	<0.002	2.03	0.19	0.9	1	<0.2	79.4	0.06	0.09	0.28	0.005	0.03
456778		350	4.0	0.4	<0.002	2.52	0.22	1.0	1	<0.2	47.6	0.06	0.10	0.55	0.012	0.03
456779		240	2.6	0.9	<0.002	4.52	0.52	0.9	2	<0.2	89.9	<0.05	0.24	0.36	0.008	0.05
456780		280	2.6	0.8	<0.002	4.36	0.26	0.9	2	<0.2	107.0	<0.05	0.14	0.42	0.006	0.05

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168886

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456761		1.0	304	3.0	6.0	140	56.6
456762		14.0	194	2.0	14.2	59	227
456763		12.4	172	1.8	14.5	513	218
456764		13.3	207	1.8	10.6	445	175.5
456765		1.3	90	0.5	1.6	96	19.6
456766		0.2	49	0.5	1.3	48	8.3
456767		0.8	157	0.4	4.8	166	36.7
456768							
456769		1.2	155	2.3	22.0	137	160.5
456770		9.9	145	1.4	9.8	344	114.0
456771		13.9	238	1.8	10.3	1080	141.5
456772		14.1	222	1.8	13.4	749	197.5
456773		13.9	230	1.6	10.5	1160	120.5
456774		1.2	30	0.3	4.9	63	10.9
456775		1.3	17	<0.1	4.2	34	10.5
456776		0.3	2	1.2	1.2	17	3.4
456777		1.2	22	0.3	5.1	51	6.5
456778		0.5	30	0.1	4.6	66	10.1
456779		0.2	33	0.1	4.2	63	8.1
456780		0.2	23	0.2	4.2	50	6.6

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CERTIFICAT D'ANALYSE VO18168886

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 30- JUIL- 2018
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CERTIFICAT VO18168887

Projet: Kan

Bon de commande #: KANDH18- 040

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18168887

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456781		4.63	0.013	0.77	7.14	24.6	160	3.26	0.16	0.97	7.41	66.9	13.3	105	3.94	274
456782		4.77	0.026	1.88	1.85	44.1	80	1.02	0.33	2.78	20.5	54.0	18.6	47	2.20	473
456783		4.50	0.039	1.87	2.60	76.2	110	1.19	0.27	2.86	18.85	51.1	21.9	70	2.82	398
456784		4.74	0.070	1.78	3.02	349	90	1.31	0.44	1.72	11.85	36.8	22.0	69	2.46	50.5
456785		4.54	0.056	1.78	3.68	380	80	1.45	0.35	1.01	8.34	39.8	24.0	67	2.97	59.2
456786		4.81	0.051	1.80	3.59	365	70	1.34	0.39	0.78	11.85	43.2	26.4	57	2.92	202
456787		4.69	0.037	1.44	3.27	274	100	1.24	0.31	3.10	10.65	40.4	21.3	53	2.89	219
456788		4.87	0.034	1.24	3.99	219	120	1.31	0.25	5.40	5.00	43.9	15.4	49	2.46	66.3
456789		0.07	2.55	0.44	6.74	11.8	320	1.25	0.18	4.83	0.09	45.1	50.1	331	0.67	79.3
456790		4.46	0.032	1.17	5.75	195.5	100	1.85	0.29	2.15	6.57	58.5	18.3	68	3.38	102.0
456791		4.43	0.021	0.82	6.89	132.5	140	1.94	0.21	3.41	3.65	67.2	19.0	73	3.50	111.0
456792		4.59	0.026	1.06	8.26	99.6	190	1.67	0.25	1.32	2.96	59.6	24.4	91	4.53	128.0
456793		4.34	0.037	1.33	6.69	134.0	150	1.22	0.27	3.11	3.62	58.5	19.9	74	3.74	76.9
456794		3.35	0.033	1.10	7.68	128.5	120	1.43	0.28	0.29	4.44	58.5	22.6	85	4.15	82.3
456795		3.20	0.023	0.83	7.31	85.6	180	1.22	0.24	2.70	3.34	66.6	21.5	72	3.73	72.8
456796		0.32	0.001	0.02	0.07	0.4	20	0.05	0.02	33.0	0.09	1.16	0.8	2	0.05	2.8
456797		4.00	0.014	0.76	9.13	46.6	230	1.50	0.26	0.39	1.26	91.9	22.5	124	4.13	74.5
456798		4.29	0.009	0.48	10.40	25.6	230	1.85	0.13	1.26	1.73	97.7	13.0	128	4.85	73.3
456799		4.45	0.016	0.50	8.93	40.6	200	1.47	0.29	1.16	1.56	66.7	24.9	111	4.14	99.2
456800		4.37	0.008	0.45	9.15	32.6	220	1.59	0.22	1.33	1.54	83.1	19.0	112	4.32	90.0

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Projet: Kan

CERTIFICAT D'ANALYSE VO18168887

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456781		15.15	19.90	0.18	4.9	0.112	0.088	2.98	38.9	42.9	1.38	781	45.0	0.12	9.4	196.5
456782		18.60	5.91	0.20	1.6	0.298	0.100	0.68	35.3	16.6	1.44	2500	140.5	0.02	4.8	308
456783		15.55	7.79	0.18	1.4	0.377	0.081	1.09	34.2	17.3	1.46	1870	143.0	0.04	3.2	303
456784		15.65	8.57	0.17	1.4	0.903	0.075	1.46	23.5	12.5	0.89	470	98.2	0.06	5.8	259
456785		18.00	10.15	0.19	1.6	0.939	0.071	1.76	25.3	15.7	0.62	219	85.9	0.07	6.9	253
456786		18.50	9.69	0.24	1.6	0.979	0.109	1.65	27.5	16.5	0.46	243	99.3	0.08	7.6	294
456787		14.40	9.03	0.16	1.3	0.658	0.089	1.45	25.9	16.4	1.40	625	96.5	0.17	5.2	256
456788		13.60	10.15	0.13	1.4	0.507	0.076	1.74	26.3	16.8	2.48	626	38.2	0.24	8.1	134.5
456789		7.31	17.95	0.10	3.4	0.051	0.057	0.96	22.4	9.6	5.49	1040	3.05	1.93	27.8	347
456790		14.20	15.30	0.15	2.2	0.510	0.110	2.58	34.1	20.9	1.05	293	30.0	0.19	7.9	165.0
456791		11.45	18.45	0.15	3.4	0.288	0.081	2.97	39.0	21.9	1.58	451	19.50	0.36	10.0	145.0
456792		10.95	22.2	0.16	3.9	0.201	0.100	3.67	34.1	25.8	0.85	208	17.20	0.24	7.2	134.5
456793		12.65	17.40	0.15	2.9	0.357	0.105	2.87	34.4	21.9	1.56	362	27.5	0.24	9.0	128.5
456794		12.85	19.20	0.15	3.1	0.294	0.132	3.35	32.9	22.3	0.48	60	22.6	0.18	7.9	132.5
456795		10.25	19.60	0.16	3.9	0.225	0.120	3.01	38.7	21.4	1.45	329	15.70	0.40	8.1	117.0
456796		0.19	0.26	0.05	0.1	<0.005	0.007	0.02	1.3	1.2	2.53	165	0.13	0.03	0.1	0.6
456797		7.51	25.0	0.16	6.3	0.124	0.113	4.11	49.2	23.3	0.59	85	11.35	0.23	18.7	100.5
456798		7.18	30.2	0.18	7.6	0.079	0.143	4.70	50.5	36.6	1.28	263	12.05	0.24	25.1	85.8
456799		9.69	23.8	0.16	4.8	0.120	0.111	4.03	36.9	24.5	0.98	237	9.33	0.21	10.7	105.0
456800		8.58	25.8	0.17	7.7	0.115	0.126	4.26	42.6	25.9	1.07	322	9.84	0.20	22.2	96.9

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Projet: Kan

CERTIFICAT D'ANALYSE VO18168887

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456781		400	20.0	88.0	0.045	8.08	4.01	17.2	10	2.6	39.7	0.52	0.24	6.27	0.177	4.34
456782		2930	53.0	27.8	0.094	>10.0	11.15	4.9	21	0.9	61.9	0.32	0.37	3.55	0.052	1.64
456783		2020	40.8	40.7	0.136	>10.0	10.80	6.7	25	1.0	55.4	0.23	0.28	4.17	0.076	2.74
456784		400	78.2	47.5	0.100	>10.0	29.2	8.3	15	1.0	30.8	0.40	0.71	3.52	0.120	4.54
456785		350	85.3	55.6	0.072	>10.0	30.9	9.2	12	1.1	24.4	0.46	0.63	3.95	0.133	5.06
456786		510	88.3	53.6	0.072	>10.0	30.1	8.4	15	1.1	24.2	0.49	0.54	4.05	0.110	4.53
456787		640	63.4	48.9	0.072	>10.0	20.2	6.9	15	0.9	58.3	0.38	0.42	3.68	0.097	3.76
456788		220	53.6	51.4	0.042	>10.0	17.85	7.2	9	0.9	89.4	0.52	0.45	3.91	0.126	4.11
456789		1850	5.0	32.2	<0.002	0.05	0.35	21.1	<1	1.3	471	1.63	0.10	2.95	1.040	0.08
456790		470	52.2	74.1	0.034	>10.0	14.80	10.8	9	1.4	55.5	0.46	0.51	5.98	0.146	5.05
456791		250	35.2	81.5	0.020	>10.0	10.55	12.2	6	1.7	74.7	0.63	0.41	6.06	0.188	5.33
456792		220	35.3	95.5	0.020	9.91	10.10	16.2	5	2.0	50.5	0.45	0.40	5.42	0.210	6.13
456793		250	47.5	79.5	0.032	>10.0	13.65	12.9	6	1.4	71.0	0.56	0.48	5.41	0.196	5.24
456794		300	43.2	86.7	0.028	>10.0	11.25	13.0	6	1.5	31.3	0.50	0.55	5.42	0.201	5.51
456795		200	34.9	81.2	0.018	8.67	8.61	14.5	4	1.9	63.2	0.54	0.50	5.81	0.200	4.76
456796		60	2.2	0.6	<0.002	0.04	0.15	0.2	1	<0.2	81.9	<0.05	<0.05	0.08	0.005	0.04
456797		360	20.0	94.1	0.013	5.75	5.48	21.3	2	2.8	34.9	1.53	0.30	8.05	0.372	4.71
456798		430	9.5	97.7	0.011	3.94	2.97	24.0	2	3.8	51.3	1.60	0.15	8.51	0.425	5.01
456799		260	21.6	86.1	0.012	6.91	5.73	22.3	2	2.3	51.8	0.65	0.36	5.53	0.281	4.40
456800		320	20.3	86.7	0.011	5.63	5.46	20.0	2	3.0	55.6	1.64	0.30	7.62	0.324	4.29

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168887

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456781		25.5	506	2.0	15.0	1180	175.0
456782		64.6	1280	2.5	25.1	3070	61.5
456783		52.3	1600	3.0	24.4	2840	55.4
456784		43.9	1040	2.7	16.2	1940	56.0
456785		36.6	873	2.4	17.1	1440	63.6
456786		40.4	870	2.3	20.5	2030	63.3
456787		44.3	875	2.5	19.9	1760	51.6
456788		20.4	353	1.5	9.8	1020	54.7
456789		0.8	146	3.2	21.0	105	136.5
456790		19.7	320	1.3	12.4	1370	82.8
456791		15.4	219	1.2	12.6	765	123.5
456792		14.3	217	1.0	11.5	668	138.5
456793		19.3	277	1.2	11.4	848	106.5
456794		17.4	264	1.2	10.7	1060	113.0
456795		13.2	191	0.9	12.2	832	135.5
456796		0.2	2	<0.1	2.3	34	1.8
456797		16.6	172	2.5	15.1	372	224
456798		15.2	177	1.6	17.7	504	265
456799		11.2	160	1.0	11.9	427	169.0
456800		11.9	161	1.1	16.4	424	269

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CERTIFICAT D'ANALYSE VO18168887

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 28- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18168889

Projet: Kan

Bon de commande #: KANDH18- 041

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

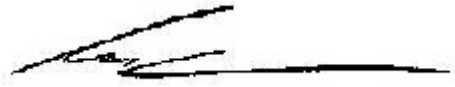
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
LOG- QC	Test QC sur échantillons pulpe
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 28- JUIL- 2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18168889

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456801		4.46	0.064	1.24	7.48	98.9	160	1.46	0.45	0.34	2.99	48.2	32.0	108	3.39	95.1
456802		4.76	0.024	1.07	3.72	12.5	130	1.06	0.28	2.71	4.38	38.6	19.5	62	1.62	297
456803		4.50	0.024	1.46	5.05	10.7	130	1.83	0.65	0.39	4.98	48.8	19.4	83	2.03	333
456804		3.73	0.006	0.62	4.83	22.4	90	1.22	0.24	0.16	0.10	55.1	43.2	89	1.18	190.0
456805		3.44	0.003	0.14	6.72	2.2	240	4.75	0.13	0.59	0.20	59.0	20.0	93	22.9	22.4
456806		4.26	0.002	0.13	6.92	14.9	310	3.61	0.12	0.29	0.11	60.1	20.4	99	10.90	25.4
456807		4.52	0.005	0.20	7.06	17.2	320	2.79	0.17	0.59	0.21	68.6	19.2	93	4.03	38.8
456808		4.16	<0.001	0.12	8.14	34.2	350	2.56	0.14	0.54	0.14	67.9	16.7	91	4.17	41.2
456809		0.07	7.75	1.26	5.92	32.5	300	0.99	0.50	2.88	0.07	31.6	39.3	328	0.63	108.5
456810		2.68	0.002	0.34	7.35	22.3	280	2.38	0.17	1.05	0.50	71.8	17.0	98	4.19	77.7
456811		4.38	0.071	1.29	6.33	140.0	110	1.33	0.30	1.45	5.82	58.5	24.7	72	3.30	86.5
456812		4.78	0.084	1.33	5.77	181.0	110	1.20	0.28	1.47	6.23	55.4	17.9	69	2.71	62.6
456813		4.72	0.050	0.83	7.58	101.0	200	1.80	0.21	2.96	3.85	63.9	18.9	87	3.81	92.7
456814		4.14	0.037	0.75	7.40	114.0	170	2.20	0.28	0.63	8.77	57.1	30.7	96	3.99	108.0
456815		4.58	0.050	1.54	1.85	161.0	70	0.85	0.27	1.76	14.65	33.8	19.1	46	2.01	383
456816		0.27	0.001	0.02	0.10	1.4	440	0.06	0.02	19.55	0.10	1.56	0.6	1	0.37	3.0
456817		4.83	0.062	1.89	2.16	141.0	100	1.50	0.29	1.92	17.25	65.1	9.5	53	2.56	280
456818		4.67	0.042	1.27	1.29	244	50	0.70	0.19	3.41	5.44	36.5	15.7	35	1.25	351
456819		4.66	0.053	1.34	4.09	93.6	120	1.84	0.33	0.56	12.55	48.4	20.1	60	3.33	221
456820		4.89	0.072	1.24	6.16	113.0	90	2.01	0.30	0.37	2.91	55.1	26.9	73	3.03	144.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 28- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168889

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456801		14.25	20.8	0.15	4.1	0.432	0.157	3.31	24.3	26.6	0.62	152	15.75	0.16	10.9	139.5
456802		24.7	11.95	0.14	1.5	0.169	0.157	1.54	21.7	17.0	1.61	1270	11.70	0.07	3.6	170.0
456803		26.2	16.35	0.17	2.0	0.232	0.195	1.92	26.7	32.3	0.96	256	17.80	0.07	3.0	176.5
456804		22.7	15.20	0.16	2.7	0.055	0.052	0.84	32.4	78.2	2.29	263	15.75	0.04	9.3	111.5
456805		13.60	21.3	0.16	2.0	<0.005	0.056	3.20	29.8	49.6	1.99	1080	0.98	0.02	14.0	43.4
456806		11.30	19.45	0.12	2.0	<0.005	0.058	3.22	30.7	47.9	1.55	524	0.78	0.02	14.6	52.0
456807		9.63	19.50	0.13	2.3	0.011	0.056	3.46	34.6	40.6	1.36	499	1.69	0.05	14.9	55.4
456808		6.95	21.2	0.13	2.5	0.010	0.048	4.14	34.0	28.3	1.26	1020	3.69	0.09	6.7	40.8
456809		5.37	14.70	0.09	2.4	0.166	0.048	1.01	15.6	16.1	3.84	716	5.91	1.13	15.7	239
456810		9.17	21.6	0.14	2.4	0.024	0.059	3.73	36.6	27.5	1.27	825	2.79	0.11	9.0	71.9
456811		15.45	16.60	0.18	2.3	0.414	0.115	3.12	34.0	15.5	0.82	349	25.3	0.10	5.5	153.0
456812		14.95	14.75	0.16	1.7	0.547	0.113	2.80	32.6	13.7	0.78	420	37.8	0.10	5.6	161.5
456813		11.55	19.85	0.16	3.1	0.304	0.108	3.86	36.9	22.5	1.51	676	18.80	0.12	8.5	124.5
456814		10.95	19.95	0.13	3.5	0.414	0.104	3.93	34.2	24.5	0.70	414	45.1	0.12	10.6	140.0
456815		19.00	5.12	0.14	0.9	0.434	0.081	0.97	23.0	8.3	1.01	2340	116.5	0.03	1.8	335
456816		0.13	0.37	0.25	0.1	<0.005	<0.005	0.05	0.9	14.4	13.35	323	0.36	0.03	0.2	1.0
456817		14.45	6.66	0.16	2.8	0.464	0.081	1.17	40.2	12.8	1.02	3020	135.0	0.03	11.7	257
456818		17.75	3.66	0.13	0.7	0.168	0.041	0.68	23.8	6.9	1.72	4440	96.9	0.02	1.3	273
456819		15.10	10.65	0.14	1.5	0.470	0.093	2.12	30.9	17.5	0.50	503	99.5	0.06	3.0	202
456820		16.20	18.70	0.14	3.6	0.349	0.108	3.27	29.9	25.1	0.64	387	15.90	0.10	9.3	123.5

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CERTIFICAT D'ANALYSE VO18168889

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456801		340	68.2	72.2	0.022	>10.0	18.15	17.1	4	3.2	29.1	0.70	1.29	4.75	0.241	4.29
456802		190	24.4	43.0	0.009	>10.0	5.96	7.8	7	3.0	78.6	0.22	0.51	3.21	0.086	1.72
456803		220	49.0	55.1	0.016	>10.0	10.90	10.5	7	4.4	19.6	0.16	0.96	4.04	0.091	2.04
456804		340	18.8	25.7	0.015	>10.0	3.36	12.4	6	1.9	9.8	0.44	0.60	4.41	0.155	0.83
456805		280	6.8	243	0.004	1.70	1.16	12.1	1	1.4	35.3	0.86	0.05	7.88	0.271	4.17
456806		260	6.1	192.0	0.003	1.74	1.24	12.7	1	1.4	25.4	0.92	<0.05	7.96	0.298	3.02
456807		250	10.8	139.0	0.007	2.49	2.34	12.2	2	1.4	37.8	0.97	0.07	9.50	0.308	1.68
456808		530	6.0	154.5	0.004	1.04	1.32	11.5	2	1.4	38.7	0.49	0.07	11.10	0.231	2.51
456809		1050	9.3	39.0	<0.002	0.09	0.75	19.6	1	1.0	265	0.93	0.24	2.45	0.647	0.20
456810		290	8.7	137.0	0.006	3.98	2.52	14.2	2	1.6	56.7	0.44	0.12	9.57	0.154	2.75
456811		550	57.4	86.9	0.035	>10.0	16.15	12.1	9	1.5	44.9	0.29	0.66	4.73	0.158	3.69
456812		590	66.1	76.8	0.048	>10.0	20.8	9.8	9	1.1	43.6	0.31	0.73	4.67	0.142	4.11
456813		350	41.9	96.6	0.025	9.75	12.65	15.0	6	1.7	62.2	0.49	0.42	5.20	0.247	4.40
456814		430	44.8	97.8	0.041	9.20	17.25	17.0	7	2.0	30.3	0.55	0.63	4.59	0.264	4.14
456815		2280	71.5	31.9	0.078	>10.0	20.7	3.8	21	0.8	52.1	0.11	0.40	2.53	0.045	1.28
456816		60	2.5	1.5	<0.002	0.05	0.19	0.2	1	<0.2	169.5	<0.05	<0.05	0.13	0.005	0.07
456817		2600	91.1	38.2	0.098	8.30	26.9	4.2	18	1.3	56.0	0.77	0.39	4.39	0.059	1.57
456818		3620	58.8	22.6	0.047	>10.0	14.05	3.1	18	0.5	91.9	0.08	0.29	1.79	0.032	0.87
456819		730	64.7	62.7	0.068	>10.0	20.9	7.1	13	1.2	26.3	0.19	0.62	4.19	0.087	2.65
456820		270	60.6	79.8	0.022	>10.0	16.35	10.5	6	2.6	24.2	0.57	1.20	5.24	0.154	3.71

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www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168889

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456801		16.9	195	1.4	10.9	823	150.5
456802		5.8	101	0.9	6.6	1080	56.0
456803		8.4	142	1.5	6.9	1080	72.9
456804		10.0	149	3.5	6.6	153	101.0
456805		4.3	181	1.7	6.7	89	70.3
456806		4.5	195	1.8	6.4	106	72.0
456807		5.9	215	1.7	7.6	158	82.4
456808		3.4	117	1.3	7.8	143	84.7
456809		0.6	137	8.8	14.5	81	93.4
456810		6.4	211	1.5	9.1	153	83.2
456811		16.8	309	1.4	10.5	1320	82.0
456812		22.2	393	1.7	11.3	1420	67.3
456813		15.5	246	2.0	10.3	862	110.0
456814		26.4	448	3.8	16.2	1560	141.0
456815		45.8	1000	3.0	22.3	2520	37.8
456816		0.4	5	0.5	1.0	22	2.8
456817		59.8	1170	3.1	31.2	2730	119.5
456818		39.1	771	1.7	24.7	933	30.3
456819		45.9	886	2.7	20.1	2230	62.7
456820		12.8	197	1.4	12.4	710	142.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18168889

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
LOG- QC	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
Compte: MINVIR

CERTIFICAT VO18168891

Projet: Kan

Bon de commande #: KANDH18- 042

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

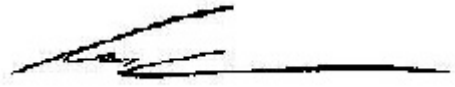
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168891

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456821		2.52	0.038	1.13	3.83	49.7	130	1.19	0.17	0.87	2.75	41.3	23.6	63	1.88	258
456822		4.82	<0.001	0.08	5.88	69.4	90	0.63	0.01	3.29	0.13	21.6	38.0	128	1.26	43.8
456823		4.77	0.003	0.10	6.19	101.0	90	0.67	<0.01	5.60	0.16	8.99	43.7	130	1.19	63.9
456824		2.90	<0.001	0.02	6.49	107.5	180	0.97	0.01	5.41	0.23	11.10	42.6	136	1.54	13.4
456825		2.60	0.003	0.01	7.08	42.2	330	2.09	0.01	0.28	0.02	18.95	28.9	116	2.02	3.1
456826		2.68	0.007	0.29	1.47	6.7	40	0.28	0.07	3.16	0.19	29.6	7.5	26	0.35	80.5
456827		4.92	0.043	1.11	4.91	18.8	160	1.99	0.48	0.24	2.46	50.8	11.2	77	1.98	218
456828		4.67	0.054	1.16	5.53	5.6	110	2.18	0.40	0.16	5.29	70.2	22.9	73	2.51	219
456829		0.09	0.667	0.19	7.26	21.1	330	1.56	0.13	4.58	0.20	50.3	41.9	189	1.92	61.5
456830		3.61	0.018	1.34	6.07	7.1	210	2.19	0.23	1.12	2.32	57.8	20.5	78	3.11	228
456831		4.86	0.024	1.55	6.07	4.8	160	1.83	0.26	0.12	3.28	64.3	11.8	69	3.23	200
456832		5.15	0.036	1.97	5.93	10.0	140	1.70	0.31	0.11	5.18	55.5	19.1	75	3.25	252
456833		4.88	0.030	1.88	5.87	34.9	120	1.76	0.28	0.22	4.26	41.1	38.3	87	3.18	253
456834		5.64	0.023	1.94	5.42	27.4	150	1.83	0.24	0.39	3.10	55.2	18.7	80	2.96	370
456835		4.69	0.047	2.36	3.56	115.0	130	1.99	0.33	0.55	17.00	39.1	32.4	65	4.90	244
456836		0.26	<0.001	0.01	0.09	0.6	20	0.07	0.01	34.1	0.04	1.14	0.6	1	0.06	2.4
456837		4.54	0.068	2.69	2.75	209	130	1.46	0.42	1.38	18.65	38.3	26.3	54	3.58	231
456838		3.16	0.044	2.00	3.44	237	140	1.74	0.37	2.29	15.15	41.3	23.5	62	3.72	178.5
456839		2.32	0.054	1.68	2.38	187.0	110	1.08	0.24	2.32	12.75	33.7	20.7	51	2.71	267
456840		3.57	0.030	1.34	3.91	203	110	1.60	0.26	2.72	11.65	41.4	22.7	59	3.26	169.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168891

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456821		21.7	12.30	0.12	1.9	0.139	0.129	1.96	23.1	17.5	1.09	1060	12.65	0.06	4.3	103.5
456822		8.70	14.60	0.08	1.4	0.006	0.052	1.27	10.8	37.0	3.40	1210	0.64	0.85	3.3	67.6
456823		8.60	14.25	0.08	1.4	0.005	0.065	1.45	3.4	35.0	4.01	1720	0.27	0.97	2.2	91.7
456824		8.58	15.20	0.07	1.4	0.005	0.070	1.78	4.5	39.5	4.00	2000	0.49	0.99	2.7	93.7
456825		9.62	22.1	0.09	2.0	<0.005	0.052	2.17	8.7	92.1	2.79	1080	0.71	0.08	5.8	76.5
456826		12.10	5.15	0.07	0.6	0.013	0.029	0.29	17.7	16.2	2.00	2590	7.25	0.02	1.2	31.9
456827		23.2	15.80	0.13	2.6	0.078	0.117	2.15	29.2	30.7	1.23	399	18.50	0.05	4.9	124.0
456828		23.1	17.95	0.14	3.7	0.124	0.159	2.67	38.3	27.4	0.92	324	17.65	0.06	8.1	118.5
456829		7.36	20.2	0.14	3.6	0.018	0.067	0.91	23.2	16.0	2.94	919	1.82	1.72	19.9	135.0
456830		19.50	18.90	0.13	3.1	0.081	0.120	2.98	32.3	32.3	1.15	594	15.40	0.08	6.3	95.6
456831		18.35	20.1	0.15	3.3	0.129	0.137	2.90	36.3	36.9	0.78	183	23.8	0.08	9.5	106.5
456832		19.45	18.55	0.13	2.7	0.194	0.172	2.94	31.6	37.5	0.67	133	24.4	0.08	6.5	138.5
456833		19.20	19.90	0.13	2.9	0.158	0.139	2.82	21.2	41.5	0.87	208	25.7	0.08	7.2	138.5
456834		22.9	16.90	0.15	2.6	0.111	0.099	2.40	31.5	41.3	1.06	442	24.7	0.07	5.2	231
456835		19.15	10.15	0.18	1.6	0.489	0.068	1.83	28.4	23.8	0.50	290	150.0	0.04	2.9	248
456836		0.20	0.26	0.07	<0.1	<0.005	0.005	0.02	1.3	1.7	2.29	159	0.37	0.03	0.2	0.6
456837		15.90	7.66	0.17	1.2	0.699	0.073	1.36	26.9	18.3	0.72	741	144.0	0.04	2.5	348
456838		15.15	9.08	0.16	1.4	0.717	0.070	1.55	28.2	20.9	1.26	1180	126.5	0.06	3.6	344
456839		12.60	6.47	0.13	1.0	0.553	0.066	1.15	23.9	13.3	1.03	978	124.5	0.03	2.5	352
456840		14.45	10.25	0.14	1.5	0.642	0.084	1.78	27.6	18.4	1.29	754	101.5	0.10	4.3	261

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168891

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456821		260	36.0	55.1	0.014	>10.0	9.62	7.4	8	3.1	36.4	0.25	0.72	3.65	0.096	2.11
456822		430	4.3	40.5	0.003	0.19	0.36	34.1	1	0.6	121.0	0.19	<0.05	0.96	0.547	0.76
456823		340	3.7	39.9	0.002	0.08	0.25	36.0	1	0.8	190.5	0.15	<0.05	0.50	0.499	0.96
456824		350	4.2	55.0	0.003	0.11	0.40	36.9	1	1.1	196.0	0.15	<0.05	0.74	0.478	0.97
456825		320	2.9	26.1	0.003	0.12	0.53	20.5	1	1.3	17.8	0.38	<0.05	3.31	0.285	1.56
456826		350	13.6	9.8	0.005	3.60	0.71	2.8	3	0.2	85.6	0.07	0.25	1.50	0.027	0.33
456827		300	29.6	66.8	0.019	>10.0	6.85	11.0	8	3.6	17.8	0.26	1.15	4.46	0.103	1.67
456828		250	85.4	79.2	0.021	>10.0	8.06	9.5	6	3.3	18.3	0.56	1.09	6.27	0.114	2.22
456829		1160	14.0	42.1	<0.002	0.03	1.02	20.1	1	1.7	345	1.14	0.05	4.96	0.885	0.19
456830		350	25.0	83.6	0.024	>10.0	7.06	14.4	5	3.3	51.5	0.35	0.72	5.26	0.129	3.26
456831		220	34.3	83.6	0.025	10.00	9.81	10.6	5	3.1	18.2	0.65	0.72	6.62	0.130	3.35
456832		220	48.6	83.9	0.030	>10.0	13.60	10.3	6	2.8	18.2	0.40	0.85	6.02	0.125	3.35
456833		240	52.2	70.3	0.027	>10.0	14.40	11.6	6	2.9	21.5	0.41	0.76	4.50	0.128	3.35
456834		240	49.7	71.6	0.025	>10.0	12.05	10.6	8	2.4	23.0	0.35	0.59	5.45	0.113	2.91
456835		810	55.4	65.8	0.111	>10.0	14.40	7.8	24	1.6	25.1	0.21	0.54	4.20	0.080	4.00
456836		80	0.9	0.6	<0.002	0.04	0.09	0.2	2	<0.2	81.4	<0.05	<0.05	0.08	0.006	0.03
456837		1170	76.9	46.4	0.097	>10.0	25.8	5.7	20	1.0	39.8	0.18	0.79	3.57	0.065	3.56
456838		1090	72.4	50.9	0.094	>10.0	25.4	7.2	19	1.1	59.8	0.24	0.72	3.68	0.084	3.40
456839		1110	58.7	38.6	0.080	>10.0	18.15	5.3	16	0.8	55.0	0.16	0.44	3.01	0.061	2.66
456840		800	61.4	53.4	0.071	>10.0	19.45	7.8	15	1.0	62.4	0.26	0.51	3.66	0.093	3.33

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168891

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456821		6.6	122	0.9	7.3	781	77.9
456822		0.5	303	1.0	4.3	194	47.3
456823		0.2	301	1.6	4.1	208	61.8
456824		0.4	313	2.0	4.9	245	46.8
456825		1.7	213	1.0	3.4	172	75.1
456826		2.0	57	0.3	5.1	91	27.5
456827		8.6	159	1.5	13.4	446	102.0
456828		12.2	187	1.4	9.7	924	142.5
456829		1.1	146	1.8	20.7	130	147.5
456830		13.6	186	1.3	9.7	515	126.0
456831		14.8	259	1.3	9.3	790	131.0
456832		16.5	271	1.2	7.9	1320	106.5
456833		13.4	249	1.2	8.8	1040	121.0
456834		12.6	233	1.2	9.5	680	107.0
456835		74.0	1710	3.5	22.4	2700	65.6
456836		0.2	4	1.1	2.3	10	1.7
456837		68.4	1440	3.3	25.4	3160	48.4
456838		58.0	1340	3.1	26.5	2560	57.1
456839		53.6	1190	2.9	24.4	2210	41.6
456840		45.1	938	2.8	20.8	2130	62.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168891

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18168892

Projet: Kan

Bon de commande #: KANDH18- 043

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168892

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456841		4.87	0.040	0.91	5.98	137.5	160	1.95	0.20	5.24	4.18	54.2	16.3	61	3.31	82.6
456842		3.95	0.023	0.73	8.45	93.1	200	1.79	0.23	1.04	3.23	59.3	21.6	86	4.54	126.0
456843		4.88	0.025	0.87	8.11	104.5	210	1.82	0.24	1.52	3.46	62.8	21.7	85	4.49	110.5
456844		4.81	0.027	0.83	8.46	111.5	190	1.77	0.23	0.49	3.31	63.9	22.0	82	4.46	97.8
456845		4.62	0.094	0.76	8.38	75.1	210	1.51	0.23	1.60	2.43	61.7	22.8	84	4.79	119.5
456846		4.94	0.015	0.67	8.87	61.4	220	1.52	0.24	1.24	1.28	60.0	24.9	99	5.03	115.5
456847		4.56	0.028	0.75	7.57	84.6	180	1.31	0.23	2.11	3.14	60.5	21.4	79	4.35	126.0
456848		4.73	0.039	1.09	6.43	163.5	130	1.22	0.20	2.02	4.47	57.6	19.2	71	3.83	96.1
456849		0.10	2.56	0.41	6.83	12.4	320	1.29	0.15	4.92	0.08	42.1	50.1	321	0.65	86.7
456850		4.73	0.044	1.17	6.24	168.5	140	1.16	0.16	2.03	4.44	58.7	17.7	66	3.96	69.5
456851		5.22	0.053	1.41	5.08	193.0	120	1.01	0.18	3.68	6.67	52.6	17.3	65	3.46	84.1
456852		5.21	0.054	1.46	6.10	184.5	120	1.21	0.20	0.79	7.20	55.4	18.3	80	3.98	93.3
456853		4.99	0.051	1.33	6.19	170.5	90	1.21	0.26	1.39	5.52	56.2	19.6	74	4.02	83.8
456854		4.52	0.024	0.80	7.08	76.6	190	1.23	0.25	1.43	2.98	57.0	21.8	82	4.01	122.5
456855		4.39	0.016	0.64	8.46	42.5	200	1.16	0.20	0.78	2.37	57.9	20.0	93	4.29	112.0
456856		0.27	<0.001	0.01	0.11	0.9	30	0.07	0.01	32.7	0.04	1.21	1.0	2	0.08	9.1
456857		4.85	0.008	0.55	7.98	23.6	220	1.70	0.22	1.48	1.45	84.8	21.3	95	4.73	90.9
456858		4.92	0.003	0.33	8.34	18.2	240	2.07	0.11	0.74	2.83	126.0	22.9	92	4.78	77.8
456859		4.37	0.002	0.37	8.55	17.8	210	1.79	0.14	0.76	2.01	88.8	21.4	110	4.61	110.5
456860		4.70	0.005	0.68	7.82	15.0	220	1.77	0.16	1.27	4.55	63.7	24.9	83	4.75	211

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 26- JUIL- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168892

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456841		11.95	15.15	0.12	2.7	0.357	0.057	2.83	32.7	23.2	2.41	873	19.35	0.28	10.8	128.5
456842		11.10	23.4	0.16	4.0	0.196	0.093	4.02	34.7	24.3	0.75	189	15.30	0.20	6.1	145.0
456843		11.00	21.9	0.16	3.3	0.248	0.101	3.74	38.2	24.5	0.98	294	16.40	0.20	7.9	122.0
456844		10.90	22.9	0.16	4.7	0.292	0.114	3.86	37.0	24.5	0.56	128	15.05	0.25	9.0	132.5
456845		10.60	23.2	0.17	4.0	0.209	0.104	3.84	36.6	25.5	0.87	233	13.30	0.22	8.5	118.0
456846		10.00	23.3	0.18	3.5	0.148	0.086	4.04	35.9	27.7	0.98	220	11.85	0.23	8.3	101.0
456847		11.45	21.0	0.16	4.0	0.236	0.110	3.35	36.1	21.4	1.18	288	13.65	0.32	10.4	135.5
456848		14.20	16.20	0.15	2.2	0.405	0.108	2.81	35.2	17.7	0.96	241	27.2	0.30	8.8	166.0
456849		7.55	17.65	0.13	3.3	0.060	0.057	1.02	21.4	10.1	5.58	1040	2.96	2.01	28.7	347
456850		14.00	16.05	0.15	2.1	0.475	0.093	2.78	34.9	15.5	1.06	259	30.1	0.27	11.3	159.5
456851		15.55	13.30	0.13	1.5	0.613	0.127	2.28	31.7	13.3	1.66	378	41.8	0.19	10.2	169.5
456852		15.25	15.25	0.16	1.8	0.628	0.127	2.73	33.1	14.7	0.54	132	43.1	0.16	9.4	166.5
456853		14.70	16.15	0.15	2.6	0.500	0.100	2.78	31.9	18.4	0.79	190	38.8	0.22	9.5	154.0
456854		12.25	18.80	0.14	3.2	0.307	0.094	2.91	33.2	22.8	1.02	264	16.85	0.46	9.5	124.5
456855		11.60	23.2	0.14	3.5	0.174	0.096	3.16	33.1	26.6	0.87	170	12.70	1.19	8.6	118.5
456856		0.23	0.32	0.07	0.1	<0.005	<0.005	0.03	1.3	2.1	3.28	172	0.13	0.05	0.2	0.5
456857		9.19	24.8	0.15	7.7	0.103	0.093	3.56	44.6	24.7	1.06	341	11.35	0.33	28.8	92.4
456858		7.15	29.7	0.17	15.2	0.096	0.110	3.92	62.7	26.3	0.80	195	11.70	0.24	64.7	65.7
456859		8.18	25.9	0.15	7.9	0.076	0.091	3.83	48.4	23.6	0.78	227	11.45	0.30	32.9	84.8
456860		12.15	22.4	0.14	3.9	0.122	0.082	3.57	35.6	24.4	0.90	307	16.85	0.18	8.3	160.0

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Finalisée date: 26- JUIL- 2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18168892

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456841		260	49.7	74.4	0.023	>10.0	16.15	9.6	7	1.5	99.0	0.70	0.47	4.87	0.182	4.59
456842		220	35.2	97.1	0.019	9.42	9.24	15.3	5	2.0	42.7	0.35	0.45	5.33	0.176	5.64
456843		240	39.2	96.2	0.021	9.60	10.35	15.7	5	1.8	48.7	0.40	0.58	4.86	0.226	5.41
456844		240	37.8	93.0	0.019	9.74	10.05	14.3	5	2.3	37.4	0.56	0.55	5.78	0.186	5.61
456845		230	32.3	95.1	0.015	8.49	8.10	17.5	4	2.0	59.0	0.49	0.45	5.10	0.221	5.63
456846		250	27.5	97.5	0.014	7.55	6.55	18.8	4	1.8	49.9	0.45	0.44	4.79	0.265	5.45
456847		260	73.5	84.6	0.017	9.03	8.01	15.3	5	2.0	58.8	0.53	0.46	5.04	0.214	4.83
456848		290	55.2	71.9	0.033	>10.0	14.30	10.8	7	1.3	58.3	0.44	0.49	4.41	0.175	4.57
456849		1860	4.8	31.2	<0.002	0.05	0.35	20.4	1	1.3	480	1.56	0.08	2.61	1.025	0.07
456850		230	62.4	72.1	0.034	>10.0	18.45	8.9	8	1.3	54.1	0.54	0.34	4.25	0.197	4.92
456851		340	69.6	60.5	0.044	>10.0	21.4	8.9	11	1.1	73.3	0.52	0.39	4.05	0.169	4.67
456852		460	71.7	70.1	0.047	>10.0	20.3	8.4	11	1.2	38.0	0.47	0.47	4.48	0.168	5.03
456853		340	65.0	68.8	0.041	>10.0	16.80	10.2	9	1.5	47.2	0.54	0.60	4.33	0.164	4.99
456854		260	33.3	73.8	0.019	9.54	6.79	14.6	6	2.0	51.0	0.53	0.46	4.37	0.223	3.96
456855		230	24.2	72.9	0.016	8.37	4.02	17.9	4	1.7	51.4	0.45	0.41	4.39	0.251	3.64
456856		70	1.1	0.6	<0.002	0.06	0.09	0.2	2	<0.2	84.7	<0.05	<0.05	0.09	0.006	0.03
456857		380	20.2	82.0	0.011	5.92	3.27	17.5	3	3.0	61.3	1.73	0.33	8.43	0.257	3.82
456858		450	16.8	86.0	0.012	4.40	1.94	15.9	2	4.5	49.0	4.62	0.16	13.35	0.352	3.88
456859		390	16.2	88.2	0.012	5.06	1.68	15.7	3	3.2	53.1	1.92	0.21	8.04	0.355	3.79
456860		250	20.8	84.8	0.022	6.95	2.24	14.5	8	2.0	58.6	0.48	0.25	5.08	0.188	4.10

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18168892

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456841		14.0	244	1.8	10.7	880	105.5
456842		13.7	209	1.2	13.2	722	154.0
456843		15.1	222	1.6	11.1	822	132.0
456844		13.7	206	1.3	15.7	852	173.5
456845		13.0	182	1.3	12.7	616	152.0
456846		12.0	175	3.2	10.8	342	140.0
456847		12.3	174	1.5	13.2	798	152.5
456848		17.0	289	1.5	10.8	1120	93.1
456849		0.6	148	3.1	20.7	105	142.0
456850		19.2	280	1.8	9.4	1060	87.3
456851		22.4	373	1.8	10.7	1540	63.6
456852		23.9	408	1.8	11.3	1640	75.3
456853		22.2	349	1.8	11.1	1180	104.0
456854		13.1	187	1.5	10.7	653	129.0
456855		12.8	180	1.1	10.3	537	139.5
456856		0.2	2	0.1	2.1	11	2.2
456857		11.6	141	1.5	17.3	323	293
456858		13.9	145	2.0	26.7	551	>500
456859		12.8	154	1.7	17.1	368	302
456860		14.6	209	1.2	10.8	664	146.5

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CERTIFICAT D'ANALYSE VO18168892

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 9- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18173841

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 005

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173841

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457731		2.18	0.273	0.04	0.21	0.4	10	0.21	0.01	1.22	0.10	5.38	3.9	12	2.55	19.2
457732		2.67	1.530	0.07	0.29	2.1	10	0.30	0.01	1.78	0.12	5.57	3.9	4	3.87	12.0
457733		2.56	1.055	0.17	0.23	0.7	10	0.31	0.02	1.50	0.10	5.64	3.9	5	2.53	11.8
457734		3.03	0.021	0.01	0.10	<0.2	<10	0.73	0.01	1.25	0.07	5.41	3.9	2	0.43	5.5
457735		2.38	0.042	0.01	0.07	<0.2	10	0.61	0.01	1.19	0.07	5.81	3.7	2	0.78	4.8
457736		2.49	0.335	0.03	0.28	153.5	20	0.27	0.02	2.04	0.12	5.25	5.4	5	1.73	12.4
457737		2.79	0.027	0.04	0.18	0.3	10	0.81	0.01	1.95	0.12	5.92	4.4	2	1.23	10.5
457738		2.35	0.010	0.08	0.46	1.8	10	0.19	0.04	3.08	0.12	10.25	5.4	10	1.02	18.1
457739		0.07	7.70	1.32	6.10	31.8	320	0.97	0.44	3.03	0.08	29.1	42.4	326	0.62	114.0
457740		2.98	0.028	0.93	3.75	18.6	130	1.39	0.35	1.40	2.99	45.1	19.0	72	1.28	185.5
457741		2.31	0.019	0.69	2.57	12.7	90	1.29	0.13	2.01	0.71	42.8	30.3	43	1.02	182.5
457742		1.98	0.004	0.23	0.30	5.2	<10	0.34	0.04	1.72	0.06	14.35	5.4	11	0.11	47.5
457743		2.68	0.002	0.05	0.24	8.5	<10	0.28	0.01	1.18	0.06	9.88	6.0	12	0.05	9.1
457744		2.51	0.009	0.18	0.70	19.9	10	0.73	0.07	1.63	0.13	15.50	5.5	20	0.17	31.8
457745		2.47	0.002	0.05	0.07	32.0	<10	0.36	0.03	2.18	0.07	14.45	2.0	8	<0.05	4.9
457746		0.22	<0.001	0.01	0.17	0.6	30	0.09	0.01	33.2	<0.02	1.28	1.1	3	0.06	6.4
457747		2.49	<0.001	0.03	0.09	15.8	<10	0.35	0.02	2.87	0.08	12.80	1.7	10	<0.05	4.3
457748		2.35	0.004	0.34	0.44	98.1	<10	0.36	0.08	1.19	0.08	16.30	4.5	15	0.06	46.5
457749		1.53	0.005	0.75	0.42	26.8	<10	0.14	0.05	2.52	0.10	13.05	3.5	13	0.13	139.5
457750		1.65	0.002	0.01	0.35	1.6	10	0.62	0.02	3.20	<0.02	8.23	5.8	12	0.10	4.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 9- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173841

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457731		21.3	0.73	0.05	<0.1	<0.005	0.007	0.05	3.5	1.0	2.81	6020	<0.05	0.02	0.5	1.5
457732		26.2	0.93	0.06	<0.1	0.062	0.009	0.07	3.8	1.1	3.66	6580	<0.05	0.03	0.3	1.1
457733		24.8	0.77	0.05	<0.1	0.011	0.012	0.04	3.7	1.1	3.45	6700	<0.05	0.02	0.4	1.1
457734		27.4	0.41	0.05	<0.1	<0.005	0.006	0.01	3.7	1.3	3.68	7580	<0.05	<0.01	0.3	1.2
457735		28.1	0.35	0.06	<0.1	<0.005	0.006	0.02	4.0	1.2	3.94	7410	<0.05	<0.01	0.7	1.2
457736		20.1	0.91	0.05	<0.1	0.005	0.013	0.05	3.5	2.9	2.99	5220	<0.05	<0.01	0.4	2.7
457737		31.0	0.74	0.06	<0.1	<0.005	0.011	0.03	3.9	2.2	4.43	7930	<0.05	<0.01	0.5	1.5
457738		24.1	1.79	0.06	0.2	<0.005	0.016	0.05	5.5	6.2	3.52	7230	0.89	0.01	1.5	5.3
457739		5.58	14.60	0.06	2.2	0.172	0.044	1.05	14.8	15.7	4.01	757	5.49	1.18	16.4	251
457740		20.9	12.45	0.11	1.9	0.077	0.112	1.35	25.6	28.0	1.79	1680	11.15	0.04	3.0	111.0
457741		20.8	8.44	0.11	1.4	0.030	0.080	0.96	23.8	19.0	2.68	4940	8.31	0.03	4.6	80.2
457742		22.5	1.13	0.06	0.2	<0.005	0.034	0.09	7.8	2.7	3.74	11900	0.37	0.01	1.1	21.4
457743		20.7	0.81	0.05	0.1	<0.005	0.010	0.04	5.1	4.1	3.09	8350	0.27	<0.01	1.1	6.0
457744		22.0	3.04	0.05	0.3	<0.005	0.032	0.09	7.9	13.9	3.26	6480	2.29	0.03	1.7	15.1
457745		18.55	0.58	0.05	<0.1	0.005	0.015	0.02	7.7	1.2	3.20	4280	0.63	<0.01	0.6	4.9
457746		0.30	0.39	<0.05	0.1	<0.005	0.005	0.02	1.3	2.0	2.58	210	0.09	0.09	0.2	0.9
457747		13.50	0.65	<0.05	0.1	<0.005	0.014	0.02	6.7	1.6	2.60	3280	0.51	0.01	0.7	3.3
457748		15.05	2.33	<0.05	0.2	0.005	0.047	0.04	8.8	8.0	2.58	4070	2.54	0.05	0.9	18.6
457749		16.25	1.98	0.05	0.2	0.010	0.052	0.09	6.8	5.8	3.43	6750	1.10	0.01	0.6	51.0
457750		16.05	1.65	<0.05	0.2	0.005	0.009	0.11	4.3	2.2	2.90	10550	0.19	0.01	2.6	5.5

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Projet: Kan

CERTIFICAT D'ANALYSE VO18173841

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457731		130	<0.5	2.2	<0.002	0.79	0.09	0.3	1	<0.2	32.5	<0.05	<0.05	0.09	<0.005	<0.02
457732		110	<0.5	3.0	<0.002	0.68	0.10	0.3	1	<0.2	47.6	<0.05	<0.05	0.05	<0.005	<0.02
457733		120	1.7	2.1	<0.002	0.56	0.08	0.3	1	<0.2	37.1	<0.05	<0.05	0.05	<0.005	0.02
457734		140	<0.5	0.6	<0.002	0.28	0.06	0.2	<1	<0.2	29.8	<0.05	<0.05	0.05	<0.005	0.03
457735		210	<0.5	0.9	<0.002	0.21	0.05	0.2	<1	<0.2	24.4	<0.05	<0.05	0.07	<0.005	0.04
457736		70	<0.5	2.2	<0.002	0.77	0.14	0.5	1	<0.2	67.4	<0.05	0.20	0.05	<0.005	0.09
457737		120	<0.5	1.6	<0.002	0.45	0.05	0.5	1	<0.2	44.5	<0.05	<0.05	0.07	<0.005	0.06
457738		130	<0.5	3.3	<0.002	0.97	0.17	1.2	1	<0.2	72.6	0.10	0.07	0.41	0.031	0.16
457739		1100	7.2	39.1	<0.002	0.09	0.71	21.9	<1	1.0	278	0.86	0.21	2.12	0.677	0.16
457740		340	23.0	43.5	0.014	8.65	4.81	9.7	6	2.1	58.2	0.17	0.98	3.06	0.071	1.14
457741		470	11.1	32.2	0.010	6.53	2.07	5.5	4	1.7	81.4	0.32	0.60	2.77	0.060	0.93
457742		560	2.3	3.0	<0.002	2.02	0.54	0.9	1	<0.2	47.2	<0.05	0.22	0.48	0.012	0.14
457743		290	<0.5	1.2	<0.002	0.54	0.26	0.7	1	<0.2	18.4	0.05	0.07	0.40	0.014	0.05
457744		340	5.5	4.9	0.002	1.49	0.49	1.9	1	0.5	23.0	0.09	0.22	0.59	0.022	0.29
457745		340	1.9	1.1	<0.002	0.33	0.36	0.2	1	<0.2	24.3	<0.05	0.08	0.08	<0.005	0.07
457746		70	0.9	0.4	<0.002	0.02	<0.05	0.8	1	<0.2	87.6	<0.05	<0.05	0.06	0.017	<0.02
457747		220	1.4	1.0	<0.002	0.29	0.21	0.2	1	<0.2	29.3	<0.05	0.05	0.11	<0.005	0.06
457748		540	3.4	1.5	0.002	2.28	0.57	0.9	1	<0.2	21.9	<0.05	0.25	0.34	0.010	0.08
457749		390	5.2	2.8	<0.002	4.86	1.03	1.6	2	<0.2	72.9	<0.05	0.42	0.31	0.008	0.13
457750		310	1.2	3.5	<0.002	0.06	0.07	1.1	1	<0.2	20.7	0.13	<0.05	0.35	0.048	0.02

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plus les pages d'annexe
Finalisée date: 9- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173841

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457731		0.1	8	0.2	3.9	26	1.7
457732		<0.1	8	0.3	4.2	25	1.3
457733		<0.1	8	0.6	4.1	26	1.9
457734		<0.1	6	0.3	4.0	17	1.6
457735		<0.1	6	0.2	4.2	21	1.5
457736		<0.1	8	0.1	4.3	27	1.2
457737		0.1	7	0.1	5.5	35	2.3
457738		0.4	19	0.3	5.7	43	10.1
457739		0.5	143	8.3	15.3	85	96.1
457740		7.2	113	0.7	6.9	637	77.4
457741		4.0	84	0.5	7.5	206	60.7
457742		0.2	21	0.2	4.7	79	8.1
457743		0.2	16	0.1	3.8	44	6.8
457744		0.8	40	0.2	5.6	142	14.7
457745		0.3	9	0.1	5.5	58	3.0
457746		0.2	4	0.1	2.5	5	2.3
457747		0.5	10	0.1	5.1	53	4.0
457748		0.8	20	0.1	4.8	104	9.6
457749		0.7	22	0.1	4.1	82	8.5
457750		0.2	24	0.3	4.1	9	11.3

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CERTIFICAT D'ANALYSE VO18173841

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 8- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18173951

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 006

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

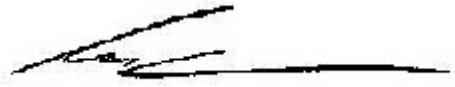
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
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CERTIFICAT D'ANALYSE VO18173951

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457751		4.51	0.004	0.01	0.72	6.7	30	0.74	0.02	2.38	<0.02	14.15	8.6	23	0.28	9.8
457752		2.16	0.001	0.01	0.42	1.8	10	0.42	0.01	5.11	0.02	9.67	5.6	13	0.16	5.6
457753		2.29	<0.001	0.01	0.45	2.4	20	0.56	0.02	2.89	<0.02	12.15	7.0	19	0.17	6.3
457754		2.33	<0.001	0.01	0.49	5.7	20	0.52	0.02	3.51	<0.02	14.20	7.0	14	0.14	6.5
457755		2.49	<0.001	0.01	0.48	4.4	20	1.35	0.01	3.68	<0.02	11.45	7.3	21	0.16	8.7
457756		3.37	<0.001	<0.01	0.97	0.8	10	0.56	0.01	4.08	0.02	17.65	10.1	22	0.13	13.2
457757		1.65	<0.001	0.01	0.85	0.5	<10	0.20	0.03	2.79	0.02	11.20	9.6	27	0.06	44.2
457758		4.55	<0.001	0.03	7.38	69.2	670	1.82	0.01	1.22	0.02	9.88	63.8	161	3.47	68.7
457759		0.07	0.686	0.21	7.24	21.9	360	1.40	0.12	4.55	0.18	50.7	43.2	186	1.96	55.6
457760		4.81	<0.001	0.04	6.34	24.6	370	0.46	<0.01	5.96	0.08	9.08	44.5	107	2.02	103.0
457761		3.32	<0.001	0.06	6.39	9.7	30	0.29	<0.01	6.00	0.06	9.30	39.0	112	0.47	109.5
457762		1.82	<0.001	0.01	7.08	20.0	270	0.85	<0.01	3.51	0.03	9.86	49.2	138	0.45	36.1
457763		1.68	<0.001	0.01	1.15	1.3	10	0.17	0.02	8.66	0.06	8.82	14.0	16	3.16	95.1
457764		2.44	<0.001	<0.01	0.55	0.4	10	0.32	0.03	6.61	0.03	8.12	7.1	12	3.39	32.9
457765		2.41	<0.001	0.01	0.81	1.7	<10	4.21	0.04	4.03	<0.02	9.89	8.4	19	0.08	15.6
457766		0.24	<0.001	<0.01	0.08	0.3	30	0.05	0.01	34.3	<0.02	1.35	1.2	1	0.06	2.4
457767		2.28	<0.001	<0.01	0.66	1.8	10	0.91	0.02	3.70	<0.02	9.74	7.7	20	0.29	8.2
457768		2.36	<0.001	0.01	0.99	7.3	20	1.65	0.04	2.10	0.02	12.15	11.3	28	0.41	9.8
457769		2.41	<0.001	0.01	0.74	1.0	20	0.80	0.03	1.65	0.02	12.10	9.3	22	0.41	9.0
457770		2.44	<0.001	0.02	0.73	1.8	20	0.59	0.03	2.56	<0.02	10.65	9.8	24	0.27	16.3

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CERTIFICAT D'ANALYSE VO18173951

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457751		20.1	3.63	0.12	0.7	<0.005	0.011	0.28	7.4	3.9	3.44	12850	1.27	0.01	6.0	12.9
457752		15.15	2.06	0.15	0.3	<0.005	0.006	0.14	5.0	2.4	3.64	10900	0.30	0.01	3.3	7.0
457753		18.30	2.26	0.12	0.4	<0.005	0.012	0.18	6.5	2.4	3.54	12700	0.27	0.02	3.7	7.7
457754		18.40	2.01	0.12	0.4	0.006	0.009	0.16	7.7	2.5	3.58	14050	0.44	0.03	3.6	8.6
457755		17.10	2.00	0.12	0.4	0.005	0.008	0.13	6.3	2.6	3.31	13950	0.64	0.02	3.1	9.0
457756		21.1	4.52	0.11	0.7	<0.005	0.021	0.05	9.5	4.2	4.43	14400	0.29	<0.01	6.1	14.0
457757		13.55	3.72	0.10	0.5	0.008	0.019	0.01	5.9	2.3	3.17	4500	0.55	<0.01	3.8	10.8
457758		13.70	20.7	0.12	2.0	<0.005	0.078	3.01	3.5	33.0	3.57	2550	0.67	0.10	5.0	106.5
457759		7.41	20.4	0.14	3.9	0.023	0.065	0.90	21.1	13.5	2.93	946	2.55	1.74	19.7	144.0
457760		9.13	16.70	0.10	1.2	0.007	0.070	1.25	3.2	27.8	4.30	1450	0.24	0.89	3.0	84.4
457761		8.66	16.95	0.08	1.0	0.013	0.067	0.15	3.3	27.6	4.21	1320	0.18	1.50	3.0	82.8
457762		11.75	18.75	0.11	1.6	0.006	0.060	0.72	3.6	36.4	4.55	1420	0.23	0.24	3.5	95.1
457763		13.20	5.12	0.09	0.4	0.006	0.019	0.14	4.7	1.3	4.34	6980	0.27	0.04	2.7	14.7
457764		15.35	2.95	0.11	0.3	0.008	0.011	0.15	4.2	0.7	4.11	9350	0.14	0.04	2.5	9.8
457765		16.55	3.40	0.13	0.4	0.005	0.012	0.01	5.4	2.0	3.18	13250	0.42	<0.01	2.9	9.7
457766		0.32	0.22	0.08	<0.1	<0.005	<0.005	0.01	1.5	1.6	2.31	302	0.05	0.03	0.1	0.2
457767		17.05	2.62	0.13	0.4	<0.005	0.015	0.05	5.4	2.6	3.47	12150	0.27	<0.01	3.1	9.0
457768		23.8	4.33	0.14	0.5	<0.005	0.020	0.12	7.0	3.6	4.16	16950	0.32	<0.01	4.2	13.2
457769		20.1	3.11	0.13	0.5	<0.005	0.017	0.14	6.7	3.2	3.50	14350	0.26	<0.01	4.2	10.8
457770		20.2	3.12	0.13	0.4	<0.005	0.017	0.09	5.9	3.0	3.60	14150	0.36	<0.01	3.4	10.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 8- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173951

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457751		410	1.6	8.6	<0.002	0.17	0.12	2.3	1	0.3	17.1	0.40	0.05	0.94	0.105	0.06
457752		300	1.8	4.5	<0.002	0.09	0.08	1.5	1	<0.2	29.5	0.20	0.06	0.56	0.055	0.03
457753		510	1.4	5.1	<0.002	0.11	0.09	1.5	<1	0.2	17.5	0.20	0.08	0.59	0.066	0.02
457754		670	1.5	4.1	<0.002	0.12	0.11	1.6	1	<0.2	20.8	0.22	<0.05	0.62	0.072	0.02
457755		540	1.3	3.1	<0.002	0.12	0.10	1.6	<1	0.2	20.7	0.19	0.05	0.52	0.066	0.02
457756		670	1.2	1.3	0.002	0.13	0.10	4.9	<1	<0.2	29.2	0.37	0.05	1.04	0.141	<0.02
457757		500	1.2	0.2	<0.002	0.23	0.11	3.0	1	<0.2	23.1	0.22	0.07	0.80	0.085	<0.02
457758		560	0.8	39.0	0.003	0.06	0.53	45.4	<1	1.0	17.1	0.32	0.05	0.44	0.762	0.42
457759		1160	14.4	31.8	<0.002	0.02	1.05	19.4	<1	1.8	353	1.21	<0.05	5.11	0.929	0.21
457760		350	1.8	26.5	0.002	0.03	0.17	41.7	<1	0.6	90.3	0.20	<0.05	0.22	0.627	0.27
457761		360	2.1	3.6	<0.002	0.07	0.15	43.2	<1	0.4	96.0	0.19	<0.05	0.23	0.629	0.06
457762		430	1.2	8.4	<0.002	0.01	0.17	45.4	<1	0.8	49.6	0.23	<0.05	0.27	0.694	0.06
457763		300	1.4	4.9	<0.002	0.41	0.13	5.6	1	<0.2	96.6	0.15	0.10	0.53	0.089	<0.02
457764		380	0.8	5.3	<0.002	0.13	0.12	1.9	1	<0.2	60.8	0.15	0.05	0.45	0.057	<0.02
457765		450	2.0	0.5	<0.002	0.17	0.12	2.2	1	<0.2	23.7	0.17	0.08	0.70	0.066	<0.02
457766		80	0.7	0.4	<0.002	0.01	<0.05	0.2	1	<0.2	89.2	<0.05	<0.05	0.09	0.006	<0.02
457767		370	0.9	2.1	<0.002	0.10	0.12	2.2	1	0.2	21.5	0.19	<0.05	0.63	0.079	0.03
457768		460	0.8	4.1	0.003	0.14	0.13	3.2	1	0.3	13.9	0.24	<0.05	0.88	0.105	0.07
457769		450	0.7	4.5	<0.002	0.13	0.10	2.4	1	0.3	12.0	0.22	<0.05	0.71	0.092	0.04
457770		380	1.0	3.0	<0.002	0.25	0.08	2.4	1	0.2	16.5	0.19	0.08	0.62	0.083	0.05

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CERTIFICAT D'ANALYSE VO18173951

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457751		0.4	59	0.8	5.3	12	26.4
457752		0.3	31	0.4	4.2	10	14.0
457753		0.2	33	0.5	4.7	8	16.5
457754		0.3	35	0.6	5.4	9	16.5
457755		0.3	41	0.6	4.4	9	14.5
457756		0.5	85	0.6	5.5	18	31.0
457757		0.4	74	0.3	3.8	18	20.7
457758		0.2	414	1.4	5.0	89	67.9
457759		1.1	151	2.3	18.6	132	146.5
457760		0.1	326	0.4	5.5	89	46.4
457761		<0.1	333	0.2	6.6	84	34.8
457762		0.1	368	0.6	5.5	87	45.1
457763		0.3	81	0.2	4.9	17	17.1
457764		0.3	53	0.2	4.3	14	14.2
457765		0.5	65	0.2	4.6	12	15.6
457766		0.1	2	0.1	2.3	4	1.7
457767		0.3	63	0.2	4.0	11	17.3
457768		0.4	84	0.3	4.5	20	22.2
457769		0.4	61	0.3	4.3	11	20.3
457770		0.6	53	0.3	4.0	11	17.2

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CERTIFICAT D'ANALYSE VO18173951

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18173959

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 007

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

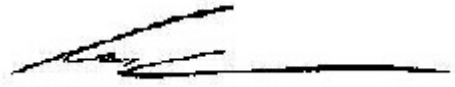
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18173959

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457771		2.37	0.012	0.04	0.46	12.2	10	0.58	0.04	3.24	0.02	6.93	7.8	28	0.20	6.6
457772		2.86	0.002	0.01	0.62	3.1	10	1.05	0.04	2.61	0.02	10.15	9.0	23	0.21	9.9
457773		2.34	0.001	0.01	0.75	6.9	10	1.41	0.02	3.23	<0.02	11.70	8.4	20	0.13	8.6
457774		2.57	<0.001	0.01	0.77	3.5	<10	1.22	0.03	1.90	0.02	10.40	9.0	22	0.06	12.7
457775		2.37	<0.001	<0.01	1.23	3.3	<10	0.98	0.03	8.90	0.02	14.20	8.5	22	0.05	8.3
457776		2.36	<0.001	0.01	1.66	2.7	<10	1.17	0.05	3.37	0.02	17.80	12.5	28	0.06	21.3
457777		2.70	<0.001	0.01	1.09	2.6	<10	0.79	0.04	1.36	<0.02	9.94	8.7	23	0.05	15.3
457778		1.98	<0.001	0.01	1.72	0.4	<10	0.78	0.04	1.63	0.02	19.15	12.0	31	0.05	16.3
457779		0.07	2.52	0.43	6.84	10.9	320	1.10	0.17	4.74	0.09	42.6	50.4	314	0.67	78.5
457780		2.54	0.001	0.01	0.85	4.5	<10	0.59	0.04	1.01	0.03	7.26	9.4	24	<0.05	13.8
457781		2.11	<0.001	0.04	0.95	0.9	<10	0.48	0.03	1.73	<0.02	10.65	7.3	27	0.05	9.7
457782		2.52	<0.001	0.03	2.27	1.3	<10	1.43	0.07	3.16	0.02	23.3	15.3	37	0.12	25.0
457783		2.36	<0.001	0.03	1.09	1.6	10	0.61	0.03	1.79	<0.02	15.50	9.9	27	0.09	15.4
457784		2.43	<0.001	0.09	0.93	6.6	10	0.55	0.04	4.16	0.02	16.25	13.5	25	0.22	12.0
457785		2.35	<0.001	0.01	0.79	3.0	10	0.55	0.02	9.09	0.03	10.25	9.0	22	0.29	8.8
457786		0.25	<0.001	<0.01	0.09	0.5	30	0.07	0.01	32.4	0.02	1.47	1.2	2	0.06	2.4
457787		2.19	<0.001	0.02	0.73	13.1	40	0.63	<0.01	5.78	<0.02	5.07	9.6	34	0.33	4.4
457788		2.31	<0.001	0.02	0.51	1.4	10	0.56	0.02	10.55	0.03	7.26	4.9	13	0.62	7.4
457789		3.05	<0.001	<0.01	1.83	19.9	310	0.73	0.01	6.09	0.02	6.48	13.6	45	0.88	19.3
457790		3.71	0.001	0.07	7.91	25.6	1240	1.13	0.02	3.43	0.08	9.73	59.3	174	11.75	168.0

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CERTIFICAT D'ANALYSE VO18173959

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457771		13.90	2.24	0.13	0.3	<0.005	0.010	0.07	3.8	1.9	2.87	9980	0.30	0.01	2.3	8.8
457772		18.95	3.22	0.13	0.4	<0.005	0.014	0.06	5.5	2.4	3.59	13050	0.27	<0.01	3.4	10.6
457773		19.50	3.61	0.14	0.4	<0.005	0.012	0.03	6.4	2.5	3.94	13300	0.31	<0.01	3.5	11.0
457774		20.0	3.67	0.12	0.4	<0.005	0.015	0.01	5.9	2.2	3.59	14300	0.38	<0.01	3.5	12.5
457775		18.85	5.30	0.13	0.6	0.007	0.013	<0.01	7.6	2.6	5.28	11950	0.33	<0.01	5.1	13.8
457776		23.4	6.79	0.14	0.8	0.006	0.021	<0.01	9.3	3.1	4.23	15950	0.77	<0.01	6.2	20.4
457777		16.60	4.33	0.12	0.5	<0.005	0.018	<0.01	5.2	2.4	2.62	12600	0.57	<0.01	3.9	12.7
457778		23.9	7.36	0.15	0.8	<0.005	0.019	<0.01	10.5	3.5	3.53	18700	0.56	<0.01	6.5	20.9
457779		7.47	17.45	0.14	3.1	0.050	0.063	0.99	21.0	8.6	5.47	1040	3.00	1.99	26.9	344
457780		18.05	4.11	0.12	0.4	<0.005	0.014	<0.01	3.9	2.3	2.53	14850	0.34	<0.01	3.1	15.8
457781		14.55	4.13	0.11	0.4	<0.005	0.015	0.01	5.8	2.4	2.23	11050	0.46	<0.01	3.1	12.2
457782		24.6	9.45	0.14	1.0	0.006	0.027	0.01	12.4	6.2	3.97	16100	1.20	<0.01	7.4	26.5
457783		15.00	4.51	0.11	0.5	0.008	0.016	0.02	8.2	3.5	2.34	11200	0.68	<0.01	4.4	14.0
457784		17.60	3.31	0.11	0.6	<0.005	0.011	0.06	8.8	3.7	3.30	14350	0.72	<0.01	5.1	16.4
457785		16.95	3.10	0.12	0.5	<0.005	0.010	0.08	5.7	3.6	4.97	12900	0.41	<0.01	3.4	10.4
457786		0.42	0.29	0.09	0.1	<0.005	<0.005	0.01	1.4	1.9	3.24	365	<0.05	0.04	0.3	0.3
457787		8.84	2.20	0.09	0.4	<0.005	0.009	0.25	2.6	3.8	2.89	6570	0.26	<0.01	3.3	11.5
457788		12.70	1.87	0.11	0.3	<0.005	0.010	0.17	4.1	3.7	5.03	8640	0.29	<0.01	2.3	5.4
457789		8.28	4.58	0.11	0.5	0.005	0.021	1.01	3.2	7.3	3.11	5470	0.26	0.01	2.1	20.1
457790		9.76	19.60	0.20	1.4	0.020	0.084	5.34	3.5	36.4	3.16	1480	0.21	0.05	3.8	108.5

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Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457771		310	0.9	2.4	<0.002	0.08	0.09	1.6	1	0.2	21.8	0.12	0.10	0.42	0.052	0.03
457772		400	0.9	2.4	0.003	0.11	0.10	2.2	1	0.2	18.6	0.18	<0.05	0.58	0.071	0.04
457773		460	1.0	1.3	<0.002	0.11	0.12	2.6	1	0.2	21.2	0.22	<0.05	0.66	0.086	<0.02
457774		550	0.8	0.6	<0.002	0.14	0.11	2.7	1	<0.2	13.5	0.21	0.05	0.66	0.083	<0.02
457775		430	1.7	0.2	<0.002	0.09	0.17	3.2	1	<0.2	62.6	0.30	0.05	1.18	0.104	<0.02
457776		510	1.4	0.2	<0.002	0.25	0.18	4.2	1	0.2	23.7	0.34	0.10	1.67	0.122	<0.02
457777		360	0.8	0.2	<0.002	0.17	0.15	2.6	1	<0.2	9.5	0.23	<0.05	0.96	0.077	<0.02
457778		620	0.9	0.1	<0.002	0.21	0.18	4.3	1	0.2	12.3	0.39	0.07	1.67	0.134	<0.02
457779		1840	4.7	29.1	<0.002	0.03	0.34	20.3	<1	1.3	476	1.57	0.06	2.70	1.030	0.06
457780		380	0.8	0.2	<0.002	0.18	0.14	2.4	1	<0.2	7.3	0.18	0.05	0.88	0.066	<0.02
457781		360	0.7	0.3	<0.002	0.13	0.13	2.7	1	<0.2	11.2	0.17	<0.05	0.80	0.067	<0.02
457782		620	1.6	0.3	0.002	0.35	0.23	5.5	1	0.3	18.8	0.43	0.08	2.41	0.154	<0.02
457783		430	1.0	0.8	0.004	0.19	0.12	2.8	1	0.2	11.5	0.25	0.05	1.06	0.085	<0.02
457784		900	1.1	2.5	<0.002	0.13	0.13	2.7	1	0.3	22.2	0.32	0.06	0.96	0.080	0.05
457785		330	1.5	3.1	<0.002	0.07	0.09	2.4	1	0.2	44.2	0.21	0.05	0.80	0.084	0.06
457786		60	0.5	0.4	<0.002	<0.01	<0.05	0.3	1	<0.2	81.2	<0.05	<0.05	0.09	0.007	<0.02
457787		210	0.8	5.6	<0.002	0.03	0.07	3.7	1	0.3	23.6	0.12	<0.05	0.26	0.119	0.05
457788		330	1.3	5.4	<0.002	0.06	0.05	1.6	1	<0.2	44.7	0.12	<0.05	0.43	0.053	0.08
457789		330	1.0	16.4	<0.002	0.07	0.10	10.5	1	0.3	44.3	0.12	<0.05	0.32	0.184	0.16
457790		470	1.6	101.5	<0.002	0.19	0.36	53.4	1	0.6	50.4	0.24	<0.05	0.27	0.811	2.08

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 8- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173959

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457771		0.2	42	0.5	3.4	8	11.8
457772		0.4	59	0.3	4.3	10	17.7
457773		0.4	70	0.4	4.7	12	20.8
457774		0.4	78	0.4	4.6	13	19.2
457775		1.0	98	0.4	6.5	16	26.3
457776		1.3	129	0.4	7.0	19	33.2
457777		0.9	89	0.4	4.4	14	20.9
457778		1.2	133	0.4	6.3	19	34.4
457779		0.6	146	3.1	19.5	103	131.5
457780		0.5	65	0.3	3.7	13	17.5
457781		0.7	75	0.6	3.8	11	17.8
457782		2.1	167	0.5	7.1	22	41.5
457783		0.9	87	0.5	4.4	13	23.1
457784		0.7	78	1.7	5.5	17	25.1
457785		0.4	68	0.7	4.3	13	19.5
457786		0.1	3	0.1	2.4	5	2.1
457787		0.2	54	0.5	2.7	10	14.8
457788		0.3	47	0.3	4.2	9	12.5
457789		0.2	105	0.6	3.3	17	18.7
457790		0.1	433	0.7	4.2	129	47.9

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CERTIFICAT D'ANALYSE VO18173959

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18173965

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 008

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18173965

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457791		1.85	<0.001	0.07	6.15	63.6	850	0.62	0.14	7.72	0.15	9.83	48.9	115	3.24	167.0
457792		2.14	0.001	0.11	7.17	61.3	860	0.70	0.06	5.17	0.11	9.30	48.7	145	2.43	175.5
457793		2.29	<0.001	0.13	8.72	69.9	1180	1.07	0.04	2.49	0.11	9.56	58.8	192	4.03	205
457794		2.34	<0.001	0.03	3.11	18.2	320	0.57	0.03	7.03	0.07	10.00	22.2	65	2.75	41.5
457795		2.18	<0.001	0.01	2.39	25.7	130	0.76	0.02	7.43	0.03	9.64	17.2	45	0.49	27.2
457796		2.22	<0.001	0.05	7.90	173.5	710	3.31	0.03	2.87	0.02	13.90	62.6	149	1.29	70.1
457797		2.32	<0.001	0.02	1.50	3.3	<10	0.19	0.03	9.42	0.07	13.35	11.5	28	0.19	85.6
457798		2.29	<0.001	0.03	3.29	69.7	230	1.38	0.03	5.20	0.02	11.40	25.1	72	0.60	46.2
457799		0.08	0.686	0.21	7.05	20.8	330	1.41	0.15	4.49	0.20	53.1	41.3	185	2.02	57.1
457800		2.60	<0.001	0.07	0.54	3.0	10	0.42	0.07	8.23	0.03	12.45	11.2	18	0.39	61.6
457801		2.40	<0.001	0.05	0.33	31.0	<10	0.34	0.03	9.80	0.03	8.80	12.6	11	0.27	27.7
457802		2.48	<0.001	0.04	0.48	1.9	<10	0.34	0.02	7.34	0.04	12.60	7.4	16	0.20	23.8
457803		2.45	<0.001	0.01	0.31	0.8	<10	0.26	0.01	9.33	0.05	8.05	2.0	12	0.24	3.4
457804		2.36	<0.001	0.04	0.50	0.8	<10	0.44	0.01	10.35	0.04	11.40	5.1	14	0.37	10.7
457805		2.27	0.003	0.10	0.43	0.7	10	0.24	1.08	8.60	0.13	8.83	5.0	14	0.73	6.5
457806		0.20	<0.001	0.01	0.06	<0.2	20	<0.05	0.18	32.7	0.02	1.42	0.5	2	<0.05	2.1
457807		2.23	<0.001	0.06	0.31	2.5	10	0.25	0.02	12.55	0.10	7.31	4.9	9	0.36	7.7
457808		2.47	<0.001	0.05	0.35	1.2	<10	0.24	0.04	9.97	0.07	10.20	6.8	13	0.28	11.8
457809		2.64	<0.001	0.09	0.31	2.9	10	0.40	0.11	9.94	0.04	10.05	5.7	12	0.45	24.1
457810		2.28	<0.001	0.19	0.83	3.8	10	0.62	0.14	10.25	0.03	17.45	9.1	23	1.32	11.1

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Finalisée date: 6- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173965

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457791		6.68	13.40	0.12	1.3	0.021	0.066	3.11	3.7	20.1	3.59	1740	0.32	0.89	2.8	91.2
457792		4.78	14.95	0.12	1.5	0.022	0.076	3.56	3.2	19.9	2.55	1070	0.40	1.51	3.3	87.3
457793		4.56	21.2	0.13	1.9	0.024	0.103	4.93	3.0	29.4	1.84	707	0.50	1.12	4.4	113.5
457794		11.35	8.85	0.12	1.0	0.005	0.038	1.73	4.7	13.9	4.20	8520	0.52	0.02	3.9	30.1
457795		9.04	7.47	0.08	0.8	0.005	0.031	0.97	4.7	9.3	3.78	7570	0.45	0.02	3.2	19.5
457796		6.79	18.30	0.13	2.1	<0.005	0.097	4.45	5.9	21.3	2.16	5390	0.68	0.05	5.3	78.7
457797		14.15	5.16	0.10	0.6	<0.005	0.019	0.02	7.2	8.2	5.60	6040	0.52	0.01	4.8	13.9
457798		9.38	8.10	0.10	1.0	<0.005	0.047	1.67	5.5	9.3	3.20	5790	0.49	0.02	3.5	32.1
457799		7.30	19.75	0.13	3.8	0.019	0.074	0.87	22.8	14.2	2.89	929	2.57	1.72	20.1	138.0
457800		15.30	2.02	0.10	0.4	<0.005	0.016	0.06	6.7	3.3	5.20	4790	1.57	0.01	4.0	34.5
457801		13.50	1.32	0.08	0.3	0.005	0.011	0.04	4.7	3.0	5.48	5320	0.67	0.01	2.4	38.2
457802		13.20	1.87	0.09	0.4	0.005	0.010	0.03	6.8	3.3	4.57	5630	0.32	0.01	3.5	11.6
457803		8.09	1.14	0.08	0.3	0.012	0.008	0.03	4.2	3.1	4.06	3880	0.22	0.01	2.6	1.8
457804		14.65	2.11	0.10	0.4	<0.005	0.014	0.04	6.1	3.6	6.26	6850	0.30	<0.01	3.6	5.3
457805		11.90	1.76	0.09	0.3	0.006	0.014	0.07	4.8	3.0	4.97	6100	0.30	<0.01	2.8	6.4
457806		0.26	0.22	0.11	<0.1	<0.005	0.007	0.01	1.4	1.5	2.57	233	0.06	0.03	0.1	0.3
457807		12.05	1.61	0.08	0.2	<0.005	0.041	0.03	3.8	2.5	6.34	6540	0.44	<0.01	2.1	6.1
457808		14.45	1.85	0.10	0.3	0.009	0.039	0.02	5.3	2.2	5.68	8140	0.79	0.01	2.7	8.2
457809		14.30	1.61	0.10	0.3	0.009	0.065	0.03	5.1	2.4	5.13	8970	0.85	0.01	2.8	6.7
457810		17.10	3.95	0.13	0.5	0.008	0.039	0.11	9.2	4.3	5.93	8900	1.36	<0.01	4.9	15.7

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CERTIFICAT D'ANALYSE VO18173965

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457791		380	3.7	52.9	<0.002	0.17	0.22	35.2	1	0.7	110.5	0.17	<0.05	0.21	0.585	0.56
457792		460	2.4	48.4	<0.002	0.06	0.25	40.1	<1	0.7	73.0	0.20	<0.05	0.26	0.716	0.52
457793		550	2.6	63.2	<0.002	0.09	0.42	49.1	1	0.9	44.9	0.27	0.05	0.29	0.926	0.96
457794		450	1.4	36.4	<0.002	0.10	0.16	18.9	<1	0.4	75.7	0.22	<0.05	0.59	0.303	0.58
457795		360	1.3	17.4	<0.002	0.05	0.14	15.1	<1	0.4	71.5	0.17	<0.05	0.40	0.226	0.13
457796		650	1.1	78.1	<0.002	0.08	0.27	36.0	1	1.7	33.7	0.28	<0.05	0.55	0.769	0.57
457797		460	1.8	0.8	<0.002	0.27	0.07	6.1	2	<0.2	110.5	0.29	0.05	0.79	0.147	0.03
457798		500	1.2	32.3	<0.002	0.09	0.14	16.9	1	0.5	46.4	0.22	0.07	0.51	0.341	0.22
457799		1130	14.7	37.0	<0.002	0.02	1.13	18.5	1	1.8	347	1.16	<0.05	5.34	0.910	0.21
457800		600	2.0	3.1	<0.002	0.53	0.07	1.6	3	0.2	66.3	0.24	0.09	0.63	0.086	0.07
457801		360	1.7	2.1	<0.002	0.18	0.10	1.3	1	<0.2	78.1	0.14	<0.05	0.41	0.048	0.07
457802		470	1.5	1.5	<0.002	0.25	0.09	1.6	1	<0.2	76.9	0.20	0.05	0.59	0.067	0.05
457803		320	1.7	1.6	<0.002	0.04	0.07	1.0	1	<0.2	97.8	0.18	<0.05	0.50	0.042	0.05
457804		400	1.9	2.3	<0.002	0.14	0.08	1.5	1	<0.2	101.0	0.22	<0.05	0.69	0.068	0.07
457805		360	8.0	4.1	<0.002	0.13	0.06	1.0	1	0.3	131.0	0.18	1.00	0.56	0.050	0.19
457806		70	0.8	0.3	<0.002	0.01	0.05	0.2	1	<0.2	87.5	<0.05	0.25	0.07	0.005	<0.02
457807		280	2.9	2.0	<0.002	0.17	0.08	0.8	<1	<0.2	144.5	0.11	0.05	0.33	0.035	0.10
457808		490	2.5	1.3	<0.002	0.42	0.09	0.9	1	<0.2	94.0	0.15	0.06	0.43	0.044	0.06
457809		430	2.7	2.4	<0.002	0.65	0.06	0.9	1	0.4	66.2	0.14	0.07	0.45	0.034	0.10
457810		490	2.8	7.3	<0.002	0.55	0.06	2.2	1	0.8	66.9	0.26	0.06	1.02	0.073	0.36

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CERTIFICAT D'ANALYSE VO18173965

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457791		0.1	307	0.8	5.5	85	40.3
457792		0.1	386	1.3	4.4	82	50.1
457793		0.1	491	2.1	4.5	80	66.7
457794		0.3	173	1.0	4.6	45	37.7
457795		0.2	135	0.8	4.2	29	29.7
457796		0.3	412	4.1	5.7	24	69.2
457797		0.5	112	0.3	5.4	45	27.4
457798		0.3	177	1.7	5.1	22	38.7
457799		1.2	149	2.1	20.2	130	149.0
457800		0.3	43	0.7	6.1	15	18.7
457801		0.2	26	0.3	4.8	11	11.8
457802		0.4	36	0.3	5.2	13	16.7
457803		0.3	22	0.5	4.8	12	12.5
457804		0.4	33	0.4	5.3	12	18.8
457805		0.3	29	0.2	4.4	21	13.7
457806		0.1	1	0.2	2.4	9	1.5
457807		0.2	22	0.2	4.4	15	9.9
457808		0.2	26	0.1	5.0	15	12.6
457809		0.4	20	0.2	5.6	12	13.3
457810		0.9	42	0.8	6.8	24	23.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 6- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173965

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 5- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18173969

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 009

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

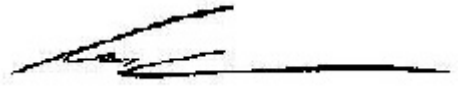
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173969

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457811		2.37	<0.001	0.05	0.46	1.9	10	0.38	0.09	12.05	0.02	8.70	4.1	21	0.76	5.2
457812		2.36	0.001	0.03	0.27	5.8	10	0.23	0.09	8.53	<0.02	8.69	3.6	15	0.51	4.9
457813		2.30	0.013	0.02	0.34	7.2	10	0.24	0.06	6.57	0.02	11.05	3.7	23	0.83	3.4
457814		2.51	<0.001	0.04	0.08	2.5	10	0.34	0.09	8.58	<0.02	5.10	3.4	9	0.36	16.3
457815		2.28	0.002	0.08	0.26	3.5	10	0.35	0.18	11.90	0.02	7.58	5.3	8	1.34	14.7
457816		2.52	0.001	0.03	0.18	1.4	10	0.70	0.05	12.05	0.02	6.93	2.4	6	0.92	4.8
457817		2.67	0.001	0.02	0.15	1.6	10	0.54	0.04	13.00	0.03	5.37	2.2	7	1.52	3.9
457818		2.49	<0.001	0.05	0.21	1.5	10	0.24	0.08	9.81	0.08	5.19	4.3	5	1.53	13.1
457819		0.08	7.43	1.34	6.08	34.7	300	0.99	0.46	3.04	0.07	30.1	41.7	294	0.64	113.5
457820		1.95	0.003	0.07	0.29	1.2	10	0.38	0.06	12.85	0.05	6.69	3.0	11	0.91	5.4
457821		2.31	0.001	0.04	0.35	0.9	10	0.39	0.06	13.65	0.06	8.94	3.2	8	1.23	4.9
457822		2.25	0.001	0.10	0.14	0.4	10	0.32	0.07	11.80	0.10	7.77	3.7	5	0.62	8.9
457823		2.29	0.001	0.02	0.16	1.2	10	0.33	0.03	14.65	0.07	8.95	2.0	5	0.52	2.7
457824		2.52	<0.001	0.03	0.16	5.4	10	0.38	0.02	17.10	0.20	7.64	2.9	5	0.57	1.1
457825		2.46	0.157	0.07	0.54	1.0	20	0.29	0.02	11.65	0.39	7.73	3.1	4	1.34	6.7
457826		0.47	<0.001	4.55	0.06	<0.2	20	0.05	0.01	33.0	<0.02	1.14	1.2	1	0.07	1.6
457827		2.45	0.044	0.12	0.25	1.3	20	0.22	0.03	6.60	0.16	7.24	3.2	6	0.42	11.4
457828		2.59	0.018	0.07	0.21	1.1	10	0.22	0.02	9.33	0.18	10.55	2.6	6	0.23	8.3
457829		2.44	0.007	0.04	0.34	0.7	10	0.23	0.02	13.45	0.50	9.54	2.3	5	0.40	7.2
457830		2.42	0.005	0.11	0.53	1.3	10	0.27	0.04	12.30	0.40	6.47	3.8	4	0.35	18.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173969

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457811		10.50	1.99	0.05	0.3	0.012	0.061	0.06	4.4	2.8	5.85	3520	0.48	0.01	2.1	7.1
457812		11.45	1.08	0.05	0.2	0.005	0.099	0.04	4.2	1.8	4.93	2850	0.28	0.01	2.1	3.3
457813		10.85	1.49	0.05	0.2	0.006	0.053	0.06	4.9	2.3	4.30	2980	0.64	0.01	3.3	5.6
457814		15.30	0.54	0.06	0.1	0.008	0.073	0.02	2.8	1.0	5.17	6520	0.32	0.01	0.8	2.0
457815		12.65	1.12	<0.05	0.1	0.011	0.026	0.07	4.3	1.7	5.98	4140	0.60	0.01	1.3	4.2
457816		14.60	0.91	<0.05	0.1	0.010	0.028	0.05	4.0	1.4	6.67	4330	0.32	0.01	1.1	1.6
457817		13.35	0.68	0.05	0.1	0.008	0.045	0.05	3.1	1.3	6.65	4940	0.36	0.02	0.8	1.2
457818		13.60	0.92	<0.05	0.1	0.005	0.048	0.05	2.8	1.1	5.25	5600	0.80	0.01	0.9	2.2
457819		5.60	15.00	0.07	2.4	0.175	0.054	1.04	13.4	15.2	4.01	781	6.16	1.18	15.7	245
457820		13.55	1.46	0.05	0.2	0.014	0.037	0.04	3.8	1.8	6.23	6950	0.58	0.01	1.3	3.2
457821		12.70	1.69	<0.05	0.1	0.014	0.031	0.09	5.1	2.5	7.04	4320	0.54	0.01	1.4	2.9
457822		14.95	0.67	0.05	0.1	0.008	0.053	0.04	4.5	1.5	6.39	5180	0.53	0.01	0.9	2.4
457823		12.40	0.73	<0.05	0.1	0.013	0.041	0.03	4.9	2.0	7.04	4820	0.50	0.01	1.1	2.0
457824		11.05	0.64	<0.05	0.1	0.009	0.014	0.04	3.7	2.2	7.39	5160	0.66	0.01	1.0	4.1
457825		14.95	1.61	0.05	0.1	0.011	0.028	0.09	3.9	3.8	5.77	7730	0.91	0.01	0.8	1.9
457826		0.24	0.21	0.09	<0.1	<0.005	0.012	0.01	1.2	1.2	2.67	206	<0.05	0.03	0.1	<0.2
457827		17.75	0.87	0.05	0.1	<0.005	0.021	0.06	4.1	2.2	4.38	9620	0.60	0.01	0.6	2.1
457828		19.00	0.85	0.07	0.1	0.014	0.019	0.05	6.2	2.5	5.67	9720	0.61	0.01	0.6	1.7
457829		16.70	1.25	0.06	0.1	0.009	0.029	0.08	5.5	2.9	6.45	9490	0.67	0.01	0.5	1.7
457830		18.70	1.90	0.08	0.1	0.009	0.030	0.06	3.7	4.1	6.14	8830	1.41	0.01	0.6	4.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173969

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457811		350	2.1	4.0	<0.002	0.27	0.08	1.4	1	0.4	89.6	0.10	<0.05	0.49	0.040	0.17
457812		330	0.9	2.6	<0.002	0.30	0.08	0.8	1	0.4	47.2	0.09	<0.05	0.35	0.027	0.10
457813		390	0.6	4.2	<0.002	0.17	0.08	1.1	1	0.5	44.2	0.10	<0.05	0.71	0.026	0.19
457814		340	1.3	1.2	<0.002	0.48	0.12	0.3	1	0.2	44.8	<0.05	0.05	0.12	0.007	0.04
457815		430	2.2	3.5	<0.002	0.70	0.13	0.6	1	0.3	82.5	0.07	0.09	0.28	0.014	0.13
457816		440	1.5	2.7	<0.002	0.24	0.10	0.5	1	0.2	73.3	0.05	<0.05	0.21	0.012	0.11
457817		240	1.4	2.2	<0.002	0.19	0.12	0.4	1	<0.2	82.2	<0.05	<0.05	0.18	0.009	0.03
457818		270	1.6	2.4	<0.002	0.45	0.13	0.3	1	<0.2	90.6	0.06	0.07	0.15	0.007	0.06
457819		1100	8.8	38.1	<0.002	0.09	0.81	21.4	1	1.0	278	0.87	0.22	2.16	0.666	0.20
457820		300	1.3	1.7	<0.002	0.22	0.11	0.8	1	<0.2	91.9	0.06	<0.05	0.35	0.019	0.05
457821		420	1.7	4.6	<0.002	0.21	0.11	0.8	1	0.2	108.0	0.06	0.05	0.34	0.018	0.21
457822		580	2.1	2.3	<0.002	0.62	0.11	0.4	2	0.2	119.0	<0.05	0.08	0.19	0.010	0.09
457823		550	2.1	1.6	<0.002	0.13	0.13	0.4	1	0.2	134.5	0.05	<0.05	0.32	0.011	0.06
457824		260	2.9	2.4	<0.002	0.02	0.10	0.5	1	<0.2	269	0.05	<0.05	0.37	0.012	0.10
457825		300	3.4	5.4	<0.002	0.59	0.08	0.7	1	0.2	288	0.08	0.06	0.19	0.009	0.30
457826		70	<0.5	0.4	<0.002	0.01	0.07	0.2	1	<0.2	83.5	<0.05	<0.05	0.07	0.005	<0.02
457827		360	1.5	3.4	<0.002	0.95	0.08	0.3	1	<0.2	104.5	0.07	0.05	0.22	0.007	0.14
457828		710	2.0	2.4	<0.002	0.55	0.08	0.4	1	<0.2	122.5	0.05	<0.05	0.21	0.008	0.09
457829		410	3.4	3.7	<0.002	0.51	0.11	0.6	1	<0.2	380	<0.05	<0.05	0.20	0.006	0.13
457830		610	5.7	2.6	<0.002	1.18	0.08	0.7	2	<0.2	290	0.06	0.06	0.14	0.006	0.12

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173969

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457811		0.5	21	0.4	5.7	9	10.7
457812		0.2	19	0.2	3.9	7	7.6
457813		0.4	18	0.2	3.9	8	7.3
457814		0.1	9	0.2	4.0	6	2.9
457815		0.5	17	0.2	5.5	7	6.2
457816		0.3	13	0.2	5.6	8	5.3
457817		0.2	13	0.3	4.7	8	4.2
457818		0.2	14	0.2	4.4	14	4.2
457819		0.5	143	9.3	14.3	82	95.2
457820		0.4	25	0.2	4.9	12	7.4
457821		0.6	28	0.2	5.8	15	6.7
457822		0.3	12	0.2	5.7	16	3.6
457823		0.3	13	0.2	5.6	14	4.2
457824		0.2	11	0.2	5.6	17	4.1
457825		0.9	24	0.1	6.2	43	4.3
457826		0.2	1	<0.1	2.2	3	1.4
457827		0.7	13	0.1	4.9	34	5.6
457828		0.3	15	0.2	6.7	36	5.2
457829		0.3	21	0.1	6.7	52	5.0
457830		0.2	25	0.1	7.2	69	5.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173969

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 9- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18173970

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 011

Ce rapport s'applique aux 6 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

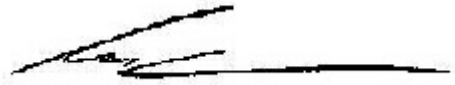
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
LOG- QC	Test QC sur échantillons pulpe
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

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***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

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plus les pages d'annexe
Finalisée date: 9- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173970

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457845		3.39	0.044	0.05	0.68	1.3	10	1.03	0.03	2.46	0.03	10.35	6.1	17	<0.05	6.5
457846		0.06	2.65	0.43	6.69	11.8	320	1.20	0.14	4.84	0.08	42.8	52.1	312	0.63	81.3
457847		2.30	0.007	0.03	0.53	2.2	<10	0.83	0.03	1.91	0.02	8.24	8.0	22	<0.05	11.6
457848		2.60	0.006	0.02	0.45	3.6	<10	0.74	0.02	1.99	<0.02	7.35	6.0	17	<0.05	5.8
457849		2.52	0.006	0.03	0.51	2.2	<10	0.91	0.02	2.68	0.02	10.90	7.2	22	0.17	6.6
457850		2.48	0.022	0.04	0.70	11.3	20	1.23	0.03	2.08	0.03	14.15	9.1	17	2.10	6.8

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CERTIFICAT D'ANALYSE VO18173970

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457845		16.00	2.98	<0.05	0.4	<0.005	0.012	0.01	5.3	2.5	2.70	13600	0.65	0.01	3.0	9.0
457846		7.28	16.55	0.06	3.1	0.057	0.059	0.95	21.7	8.8	5.43	1040	2.81	1.92	27.8	344
457847		16.60	2.25	<0.05	0.3	<0.005	0.010	0.01	4.4	2.1	2.82	12500	0.31	0.01	2.8	8.4
457848		14.75	1.96	<0.05	0.3	<0.005	0.010	0.01	4.0	1.7	2.59	10900	0.25	<0.01	2.5	7.0
457849		17.30	2.40	<0.05	0.4	<0.005	0.010	0.01	5.4	1.6	3.19	12150	0.21	0.01	3.5	7.7
457850		20.0	3.26	0.05	0.5	<0.005	0.014	0.13	7.1	8.1	3.21	14050	0.63	0.06	4.9	10.8

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Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457845		440	1.2	0.2	<0.002	0.10	0.08	2.1	1	<0.2	19.2	0.17	0.08	0.55	0.071	<0.02
457846		1820	4.5	30.4	<0.002	0.04	0.31	21.5	1	1.2	467	1.49	0.10	2.49	1.035	0.06
457847		380	1.3	0.4	<0.002	0.13	0.08	1.7	1	<0.2	17.7	0.15	0.05	0.44	0.066	<0.02
457848		320	1.2	0.3	<0.002	0.09	0.07	1.5	1	<0.2	18.1	0.13	<0.05	0.42	0.057	<0.02
457849		370	1.5	0.5	<0.002	0.11	0.09	1.6	1	<0.2	27.4	0.17	0.05	0.50	0.073	<0.02
457850		530	1.9	4.2	<0.002	0.10	0.14	2.0	1	0.3	29.5	0.26	0.07	0.71	0.092	<0.02

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Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457845		0.4	60	0.3	6.0	17	17.4
457846		0.6	145	2.9	20.3	104	137.0
457847		0.2	47	0.2	5.4	12	15.5
457848		0.3	39	0.2	5.2	10	13.1
457849		0.2	43	0.3	6.5	10	17.7
457850		0.4	53	0.6	7.8	18	25.7

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CERTIFICAT D'ANALYSE VO18173970

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
LOG- QC	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 5- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18173986

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 010

Ce rapport s'applique aux 14 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

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CERTIFICAT D'ANALYSE VO18173986

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457831		2.61	0.062	0.24	0.90	0.9	20	0.22	0.06	9.30	0.39	9.07	9.2	4	0.69	32.9
457832		2.49	0.899	0.17	0.59	0.9	20	0.21	0.07	11.60	0.42	8.14	3.9	5	0.36	31.5
457833		2.47	0.096	0.10	0.32	3.4	30	0.28	0.05	9.14	0.24	11.25	4.5	7	0.91	19.2
457834		2.51	0.405	0.16	0.31	0.9	30	0.30	0.06	9.10	0.19	7.10	4.4	6	0.81	31.7
457835		2.34	0.261	0.07	0.18	1.2	10	0.29	0.04	7.01	0.17	5.44	2.7	9	0.21	13.7
457836		2.19	0.247	1.50	0.15	1.3	10	0.35	0.03	6.74	0.16	9.91	2.6	7	0.16	6.5
457837		2.51	0.010	0.08	0.11	0.4	10	0.28	0.04	4.93	0.08	7.39	2.5	5	0.09	5.5
457838		2.26	0.001	0.03	0.10	4.6	10	0.42	0.02	6.39	0.06	8.72	3.1	4	0.10	5.3
457839		0.07	0.670	0.18	7.24	20.7	340	1.58	0.15	4.53	0.23	49.4	42.5	189	1.94	55.2
457840		2.70	<0.001	0.04	0.13	4.1	10	0.36	0.01	3.82	0.05	6.11	2.4	10	0.05	2.4
457841		2.23	0.004	0.10	0.17	14.6	10	0.71	0.03	6.01	0.04	6.86	2.7	12	0.07	7.3
457842		2.20	<0.001	0.10	0.13	1.7	10	0.39	0.04	3.49	0.05	6.58	2.0	9	0.12	27.1
457843		2.77	<0.001	0.10	0.09	0.6	<10	0.29	0.01	1.06	0.15	8.50	2.0	13	<0.05	8.8
457844		0.23	<0.001	<0.01	0.05	0.2	20	0.08	0.01	34.9	<0.02	0.86	0.6	2	<0.05	1.0

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CERTIFICAT D'ANALYSE VO18173986

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457831		20.9	2.95	0.15	0.1	0.008	0.032	0.08	5.7	5.7	5.31	8280	1.97	0.02	1.0	5.1
457832		19.60	2.16	0.14	0.1	0.007	0.029	0.06	4.9	3.7	5.81	8930	1.71	0.01	0.6	3.7
457833		18.30	1.15	0.15	0.2	0.010	0.014	0.10	7.4	2.7	5.22	7590	1.74	0.01	0.9	4.5
457834		17.90	1.15	0.14	0.1	<0.005	0.011	0.08	4.4	2.5	5.17	5740	1.08	0.01	0.9	4.1
457835		18.20	0.70	0.13	0.1	0.007	0.008	0.03	3.5	1.8	4.42	6750	0.83	0.01	0.5	3.5
457836		19.30	0.74	0.14	0.1	0.006	0.008	0.04	6.2	1.7	4.54	8830	1.25	0.01	0.8	4.9
457837		19.60	0.66	0.14	0.1	<0.005	0.009	0.02	4.8	1.4	3.94	9490	0.97	0.01	1.0	2.6
457838		23.7	0.75	0.14	0.1	0.005	0.007	0.01	5.7	1.8	4.85	12650	0.71	0.01	1.1	2.5
457839		7.45	20.2	0.16	3.8	0.021	0.073	0.89	20.8	14.5	3.01	1000	2.50	1.74	19.2	144.0
457840		18.75	0.80	0.14	0.1	0.005	0.006	0.01	4.1	2.0	3.52	9760	0.94	<0.01	1.1	3.2
457841		14.35	0.87	0.12	0.1	0.006	0.006	0.02	4.3	2.2	3.75	5590	1.16	0.01	1.1	5.6
457842		14.65	0.79	0.13	0.1	0.007	0.006	0.03	4.0	2.0	2.95	4410	1.18	0.01	0.8	8.8
457843		12.60	0.98	0.11	0.1	<0.005	0.017	0.01	5.1	1.8	2.01	3830	0.41	<0.01	0.8	2.9
457844		0.17	0.10	0.08	<0.1	<0.005	<0.005	0.01	1.1	0.9	1.32	105	0.05	0.03	0.1	<0.2

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CERTIFICAT D'ANALYSE VO18173986

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457831		310	4.8	4.2	0.002	2.74	0.08	0.7	2	0.2	256	0.14	0.16	0.14	0.006	0.19
457832		270	5.4	2.1	<0.002	1.88	0.14	0.8	1	0.2	272	0.06	0.14	0.18	0.007	0.07
457833		470	4.7	5.2	<0.002	1.39	0.11	0.6	1	0.2	147.5	0.07	0.10	0.30	0.011	0.25
457834		260	4.0	4.4	<0.002	1.81	0.11	0.4	1	<0.2	119.5	0.07	0.10	0.20	0.008	0.23
457835		410	3.6	1.4	<0.002	1.01	0.08	0.3	1	<0.2	85.0	<0.05	0.08	0.10	0.005	0.04
457836		620	3.0	1.7	<0.002	0.54	0.09	0.6	1	0.2	63.2	<0.05	0.05	0.20	0.010	0.05
457837		740	3.3	0.8	<0.002	0.64	0.08	0.3	<1	0.2	29.9	<0.05	<0.05	0.12	0.006	<0.02
457838		1100	3.6	0.5	<0.002	0.36	0.14	0.3	<1	0.2	36.8	<0.05	<0.05	0.11	0.006	<0.02
457839		1190	14.4	33.3	<0.002	0.02	1.12	19.2	<1	1.8	357	1.20	<0.05	4.85	0.950	0.17
457840		450	2.4	0.5	<0.002	0.16	0.08	0.4	<1	<0.2	18.8	<0.05	<0.05	0.13	0.008	<0.02
457841		340	3.3	0.8	<0.002	0.60	0.26	0.5	<1	0.2	26.0	<0.05	0.07	0.15	0.007	0.06
457842		270	4.0	1.2	<0.002	0.87	0.08	0.3	<1	<0.2	16.8	0.05	<0.05	0.14	<0.005	0.12
457843		190	8.4	0.4	<0.002	0.99	0.06	0.2	<1	<0.2	8.8	<0.05	<0.05	0.10	<0.005	<0.02
457844		60	<0.5	0.2	<0.002	0.01	0.06	0.1	<1	<0.2	79.6	<0.05	<0.05	0.06	0.005	<0.02

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457831		0.5	35	0.2	6.0	78	3.7
457832		0.6	27	0.1	7.3	67	6.8
457833		0.8	19	0.3	6.5	43	7.7
457834		0.5	16	0.2	5.0	32	4.5
457835		0.4	12	0.1	4.9	29	3.1
457836		1.1	15	0.3	6.4	33	6.3
457837		2.3	12	0.2	6.0	22	3.2
457838		4.3	13	0.3	7.9	25	3.4
457839		1.2	153	2.2	19.0	137	151.5
457840		2.0	14	0.2	5.3	24	4.2
457841		2.4	16	0.2	5.4	19	5.3
457842		1.6	11	0.1	4.0	28	4.6
457843		0.5	11	0.1	2.9	49	4.1
457844		0.1	1	<0.1	1.9	3	1.2

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Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18173986

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18174626

Projet: Kan

Bon de commande #: KANDH18- 044

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 9- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18174626

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456861		4.96	0.020	0.98	3.21	18.4	90	0.88	0.14	2.39	7.49	49.4	13.9	50	1.85	270
456862		4.34	0.027	1.12	2.14	12.4	70	0.99	0.21	2.07	11.60	48.4	10.1	51	1.47	295
456863		2.86	0.034	1.25	1.97	18.8	90	1.06	0.26	1.20	15.30	44.8	11.6	51	1.89	392
456864		1.78	0.014	0.97	5.13	17.0	130	2.14	0.20	1.11	7.27	53.0	30.1	70	3.47	467
456865		2.69	0.004	0.60	0.96	22.1	10	0.22	0.14	2.26	0.29	24.6	19.8	44	0.21	276
456866		3.70	0.007	0.51	2.06	14.9	80	0.85	0.15	1.01	5.46	41.7	11.7	55	1.08	145.0
456867		4.63	0.002	0.59	8.29	8.9	260	2.16	0.17	0.99	1.47	89.1	17.9	101	4.38	168.0
456868		4.22	0.027	1.97	4.37	12.8	140	1.40	0.25	1.66	11.75	50.0	19.1	70	1.70	559
456869		0.07	7.76	1.34	6.23	34.8	320	1.01	0.47	3.08	0.10	31.6	41.4	326	0.66	114.0
456870		4.20	0.056	2.45	2.66	29.9	90	1.17	0.29	2.41	19.05	54.1	16.1	57	1.70	332
456871		4.05	0.022	1.40	6.17	62.7	80	2.40	0.25	1.06	9.06	66.1	27.6	90	2.85	221
456872		4.66	0.021	1.18	5.22	85.4	60	1.36	0.26	1.09	6.05	51.8	36.7	85	2.10	326
456873		4.75	0.028	1.60	4.70	56.9	140	1.51	0.18	2.25	7.73	45.1	18.1	74	2.08	325
456874		4.80	0.035	1.62	4.23	99.8	60	1.21	0.25	1.82	8.78	54.1	23.0	65	1.93	374
456875		4.67	0.030	1.37	4.22	237	50	1.39	0.43	1.03	7.44	41.8	28.7	61	1.95	96.2
456876		0.20	<0.001	0.01	0.06	0.5	20	0.05	0.01	34.1	0.06	0.90	0.8	1	<0.05	1.9
456877		4.64	0.032	1.30	4.45	231	60	1.21	0.30	1.68	7.72	49.4	22.4	62	1.98	116.5
456878		4.92	0.036	1.05	5.42	150.0	70	1.31	0.29	1.84	6.46	59.1	19.6	84	2.15	99.5
456879		4.20	0.023	0.82	7.74	85.4	130	1.19	0.22	1.05	4.51	57.3	25.1	80	2.64	178.5
456880		4.73	0.025	0.79	8.90	57.4	180	1.36	0.20	0.69	1.94	57.4	27.6	95	3.18	218

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18174626

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456861		13.55	8.30	0.10	1.6	0.274	0.082	1.09	26.5	20.5	1.40	2060	41.1	0.07	3.2	141.0
456862		11.00	6.07	0.10	1.3	0.466	0.085	0.72	27.0	18.1	1.22	1730	59.0	0.03	2.4	114.5
456863		7.77	5.47	0.10	1.3	0.596	0.123	0.80	27.7	12.9	0.55	534	84.5	0.03	2.0	124.5
456864		17.45	13.15	0.16	2.1	0.276	0.092	2.33	30.4	22.9	0.80	754	23.5	0.07	4.4	242
456865		11.10	2.89	0.06	0.5	0.040	0.006	0.13	11.0	12.6	1.53	2240	7.35	0.01	0.8	110.0
456866		6.70	5.67	0.08	1.1	0.233	0.074	0.76	22.8	12.2	0.66	586	30.7	0.04	2.0	71.1
456867		9.51	20.8	0.13	6.6	0.059	0.076	3.77	49.6	28.4	0.91	401	15.65	0.15	36.1	106.5
456868		22.5	12.45	0.13	2.1	0.181	0.110	1.99	28.2	12.3	1.08	878	32.6	0.08	5.0	214
456869		5.64	14.40	0.06	2.3	0.202	0.047	1.07	16.3	15.7	4.09	754	5.87	1.21	16.6	255
456870		14.85	6.97	0.15	1.9	0.341	0.085	1.13	35.1	7.5	1.17	1300	144.0	0.07	5.8	190.5
456871		13.25	17.05	0.15	3.6	0.218	0.081	2.94	37.4	16.0	0.86	643	52.3	0.11	7.5	157.5
456872		19.05	14.95	0.14	2.0	0.187	0.119	2.27	29.3	15.1	1.00	722	30.1	0.09	5.2	181.5
456873		14.30	11.00	0.14	1.9	0.118	0.082	2.19	27.9	9.5	1.08	1120	77.1	0.09	5.1	267
456874		18.30	11.60	0.14	2.1	0.198	0.090	1.80	31.7	11.2	1.12	726	70.9	0.08	6.3	225
456875		18.00	10.80	0.17	1.6	0.370	0.058	1.95	25.8	12.8	0.67	305	58.4	0.07	8.2	184.0
456876		0.16	0.20	<0.05	<0.1	<0.005	<0.005	0.02	1.0	1.2	1.45	87	0.26	0.03	0.1	0.7
456877		17.15	10.85	0.14	1.5	0.399	0.099	2.13	29.9	12.1	0.83	334	64.4	0.08	8.3	219
456878		14.55	13.45	0.14	1.7	0.271	0.092	2.53	35.3	11.3	0.95	316	35.9	0.10	8.1	155.0
456879		11.80	18.85	0.13	3.5	0.180	0.091	3.58	33.0	11.0	0.61	135	16.55	0.15	6.7	150.0
456880		11.05	21.2	0.12	3.4	0.117	0.076	4.18	33.1	12.7	0.74	144	13.55	0.17	5.3	124.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18174626

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456861		1580	26.5	31.6	0.035	7.41	2.86	6.1	12	0.7	58.2	0.20	0.31	3.08	0.090	1.49
456862		2410	30.9	24.0	0.056	5.98	3.95	4.3	12	0.5	53.2	0.14	0.37	3.09	0.052	1.00
456863		2060	30.6	27.7	0.074	4.87	4.24	4.3	13	0.7	37.8	0.13	0.40	2.98	0.048	1.22
456864		840	21.3	66.7	0.032	>10.0	2.30	7.3	24	1.3	42.9	0.26	0.32	4.08	0.122	2.60
456865		1290	14.6	4.1	0.008	6.01	1.61	1.8	10	<0.2	52.9	0.05	0.29	1.17	0.018	0.20
456866		2190	17.9	23.2	0.032	4.14	1.85	4.2	8	0.5	34.6	0.11	0.20	2.64	0.052	0.87
456867		420	15.3	98.8	0.022	5.31	1.27	18.0	4	2.7	49.6	1.68	0.26	7.69	0.311	3.58
456868		400	48.7	55.5	0.030	>10.0	2.85	9.8	9	2.0	45.8	0.33	0.94	3.99	0.104	2.57
456869		1130	9.0	37.6	<0.002	0.10	0.75	21.0	1	0.9	284	0.88	0.26	2.23	0.691	0.19
456870		2560	82.2	35.8	0.102	9.83	6.36	5.9	22	1.0	64.2	0.38	0.55	3.66	0.089	2.09
456871		870	54.8	78.6	0.041	>10.0	4.00	12.9	13	2.1	37.5	0.44	0.85	5.17	0.161	4.15
456872		550	55.1	63.8	0.028	>10.0	3.44	10.7	9	2.5	37.3	0.33	1.11	4.30	0.123	3.36
456873		1810	46.1	56.5	0.050	>10.0	3.42	10.5	18	1.2	57.7	0.32	0.30	3.13	0.151	3.22
456874		780	63.1	51.7	0.056	>10.0	3.79	8.1	13	1.6	44.1	0.42	0.66	4.32	0.113	2.88
456875		320	109.5	56.9	0.052	>10.0	7.77	8.2	14	1.1	25.7	0.49	0.76	3.61	0.131	3.59
456876		50	0.7	0.4	<0.002	0.05	0.05	0.2	1	<0.2	79.0	<0.05	<0.05	0.07	0.006	0.02
456877		560	104.0	57.3	0.059	>10.0	7.67	8.3	12	1.0	33.6	0.61	0.54	4.19	0.129	3.72
456878		350	73.1	67.5	0.040	>10.0	4.75	9.7	9	1.1	40.2	0.49	0.47	4.40	0.153	3.95
456879		220	50.2	84.7	0.020	>10.0	2.72	14.9	5	1.7	29.3	0.42	0.49	4.80	0.190	4.68
456880		210	47.1	96.4	0.018	9.64	2.49	17.3	4	1.6	30.6	0.33	0.51	4.86	0.224	5.11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 9- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18174626

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456861		23.2	436	0.9	16.2	1310	64.1
456862		34.8	682	1.1	22.4	2030	53.5
456863		44.4	862	1.5	26.2	2700	51.5
456864		17.4	410	1.3	11.4	1320	82.7
456865		4.8	137	0.4	7.1	80	20.3
456866		21.1	398	0.7	16.2	1020	46.9
456867		15.5	193	1.7	15.4	283	268
456868		15.5	302	0.9	9.6	2110	89.2
456869		0.6	146	8.4	15.0	88	98.4
456870		57.4	1200	2.4	34.6	3160	82.3
456871		26.1	508	1.5	24.1	1540	151.0
456872		15.7	344	1.0	13.5	1290	86.8
456873		36.2	690	1.7	23.1	1470	81.5
456874		31.4	734	2.0	20.0	1590	91.1
456875		24.1	565	1.9	16.4	1290	67.6
456876		0.2	2	<0.1	2.1	14	1.4
456877		29.2	588	1.9	15.4	1420	65.9
456878		20.6	343	1.5	10.9	1220	75.4
456879		14.6	211	1.1	13.1	984	138.0
456880		13.9	201	1.2	11.1	440	135.0

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CERTIFICAT D'ANALYSE VO18174626

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
12- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18174629

Projet: Kan

Bon de commande #: KANDH18- 045

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
12- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18174629

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456881		4.56	0.048	0.92	4.80	127.5	110	0.95	0.23	4.40	4.37	38.5	21.2	57	1.77	144.0
456882		2.80	0.097	1.65	3.06	182.5	60	0.94	0.32	1.02	14.35	45.5	29.1	63	1.81	155.5
456883		3.17	0.053	1.74	4.31	49.0	90	1.31	0.56	2.05	19.95	55.5	11.9	59	1.73	256
456884		1.74	0.040	1.25	3.37	49.2	70	1.00	0.59	2.89	21.0	32.0	21.1	46	1.53	269
456885		4.32	0.062	1.94	3.23	274	80	0.99	0.39	0.70	7.33	41.7	23.2	52	1.76	97.8
456886		3.57	0.028	1.99	3.80	205	50	1.56	0.35	1.11	15.55	48.9	23.1	62	2.12	152.5
456887		3.72	0.027	1.53	2.25	43.6	90	1.42	0.23	2.05	21.3	55.1	22.2	55	2.17	595
456888		3.80	0.035	2.50	2.12	48.3	70	1.28	0.29	2.40	11.95	56.0	21.9	53	1.85	576
456889		0.06	0.673	0.19	7.50	19.0	350	1.34	0.15	4.45	0.22	51.6	41.0	188	1.98	53.6
456890		4.20	0.030	2.29	3.08	52.4	90	1.77	0.27	2.25	13.10	58.4	18.6	60	2.17	398
456891		4.71	0.030	1.85	4.61	130.0	70	2.39	0.39	1.37	12.35	44.0	19.8	63	2.39	205
456892		3.50	0.054	2.18	2.99	78.4	100	1.60	0.33	1.30	22.0	44.1	25.3	60	1.94	334
456893		3.89	0.059	2.44	2.99	78.3	100	1.50	0.34	1.37	20.0	46.5	21.8	56	2.15	355
456894		3.96	0.035	2.55	2.76	25.9	100	1.60	0.23	1.59	18.85	52.6	18.6	54	1.79	460
456895		4.41	0.027	2.19	4.48	38.5	70	2.27	0.21	1.38	14.75	54.9	16.2	65	2.72	348
456896		0.24	<0.001	<0.01	0.07	0.5	40	0.08	<0.01	33.8	0.04	2.08	0.4	2	0.08	1.4
456897		4.44	0.006	0.88	9.25	21.9	330	3.48	0.11	0.79	3.70	65.4	15.1	98	4.24	217
456898		5.11	0.016	1.56	6.96	13.0	220	2.65	0.23	0.86	13.55	68.1	17.3	92	3.35	229
456899		4.56	0.021	1.47	4.19	20.9	150	1.82	0.19	2.04	9.81	52.9	22.1	62	1.82	226
456900		4.02	0.044	1.81	4.23	184.5	50	1.56	0.52	1.36	9.55	47.7	24.3	64	2.42	84.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
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Projet: Kan

CERTIFICAT D'ANALYSE VO18174629

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456881		12.60	11.45	0.11	1.8	0.324	0.086	2.20	23.8	8.4	2.18	982	52.9	0.09	9.1	213
456882		16.30	8.07	0.14	1.3	0.531	0.179	1.47	31.4	6.7	0.53	187	142.5	0.05	3.7	398
456883		15.45	10.10	0.13	1.4	0.248	0.096	1.97	34.5	8.9	1.15	491	61.6	0.08	5.2	280
456884		17.30	8.06	0.15	1.3	0.227	0.106	1.47	18.7	7.9	1.50	724	68.8	0.06	4.3	293
456885		19.10	8.23	0.16	1.5	0.673	0.063	1.53	26.2	6.7	0.44	322	92.6	0.05	4.4	260
456886		15.30	9.82	0.19	1.6	0.561	0.080	1.79	31.6	12.3	0.71	490	124.5	0.06	4.5	315
456887		15.90	6.64	0.19	1.9	0.292	0.066	0.95	36.2	10.0	1.24	2410	147.0	0.03	5.5	334
456888		17.00	6.13	0.18	1.3	0.180	0.042	0.82	37.1	11.0	1.64	3190	150.0	0.03	2.9	315
456889		7.51	18.70	0.09	3.8	0.031	0.069	0.91	23.2	13.2	3.01	975	2.46	1.76	19.7	143.5
456890		15.10	8.24	0.17	1.7	0.246	0.049	1.37	39.3	11.5	1.44	2790	140.5	0.05	3.7	303
456891		14.70	11.35	0.13	1.9	0.451	0.049	2.04	27.6	17.9	0.86	975	86.6	0.09	4.6	235
456892		13.55	7.50	0.16	1.7	0.516	0.085	1.24	29.4	8.9	0.75	1100	140.5	0.07	4.2	275
456893		13.85	7.79	0.15	1.8	0.463	0.090	1.32	30.7	9.9	0.79	1120	150.5	0.05	3.7	279
456894		14.85	7.63	0.16	1.9	0.271	0.068	1.21	32.7	10.2	1.11	1840	111.0	0.05	3.3	283
456895		15.10	11.45	0.16	2.5	0.290	0.071	2.13	34.8	15.6	0.95	1210	122.5	0.08	4.8	349
456896		0.21	0.23	0.07	<0.1	<0.005	0.016	0.01	1.8	2.0	3.21	191	0.27	0.03	0.2	0.7
456897		10.30	22.7	0.14	4.5	0.082	0.071	4.22	39.8	24.3	0.93	598	25.2	0.19	9.4	211
456898		10.85	17.65	0.14	4.3	0.225	0.098	3.17	41.0	17.2	0.81	667	68.2	0.16	9.0	182.0
456899		12.25	10.75	0.12	2.2	0.157	0.058	1.72	30.2	13.2	1.46	1750	56.1	0.09	4.7	175.0
456900		15.85	10.95	0.17	1.8	0.627	0.083	1.94	29.8	11.1	0.79	463	107.0	0.08	4.8	240

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CERTIFICAT D'ANALYSE VO18174629

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456881		360	69.2	55.0	0.041	>10.0	4.08	10.7	9	1.0	64.8	0.43	0.42	3.29	0.167	3.30
456882		940	88.5	42.1	0.089	>10.0	5.73	7.1	16	0.8	20.8	0.27	0.54	3.69	0.092	2.95
456883		340	39.1	50.7	0.058	>10.0	3.00	7.8	13	0.9	36.2	0.38	0.33	3.98	0.097	2.88
456884		350	40.0	40.1	0.056	>10.0	2.75	7.3	17	0.9	46.4	0.22	0.29	2.85	0.071	2.67
456885		650	133.0	43.9	0.058	>10.0	10.35	6.6	13	0.9	18.2	0.38	0.53	4.16	0.067	3.68
456886		1040	113.0	53.9	0.092	>10.0	10.00	7.8	18	1.0	29.6	0.29	0.57	3.92	0.101	3.93
456887		2770	40.2	37.0	0.100	>10.0	3.62	5.2	29	1.0	52.0	0.34	0.37	3.37	0.063	2.58
456888		2560	46.2	32.1	0.077	>10.0	4.97	5.2	21	0.7	58.4	0.20	0.41	3.10	0.060	2.58
456889		1160	14.7	40.9	<0.002	0.03	0.96	19.3	<1	1.7	360	1.17	<0.05	5.02	0.944	0.21
456890		2440	49.5	48.4	0.081	9.99	4.71	7.2	22	1.0	60.5	0.22	0.39	3.54	0.086	3.46
456891		980	68.9	64.8	0.069	>10.0	6.49	8.3	16	1.2	44.3	0.28	0.75	4.04	0.109	5.01
456892		1500	70.1	42.9	0.100	>10.0	5.74	5.8	19	0.9	45.9	0.29	0.61	3.61	0.091	3.34
456893		1580	73.4	46.7	0.101	>10.0	6.84	5.9	19	1.1	41.4	0.25	0.54	4.01	0.084	3.68
456894		2070	42.1	43.4	0.089	9.18	3.93	5.4	25	1.0	44.0	0.21	0.38	3.94	0.066	3.12
456895		1520	40.6	69.3	0.069	9.54	3.68	9.9	22	1.2	43.9	0.31	0.31	3.97	0.111	4.79
456896		60	0.8	0.3	<0.002	0.02	0.05	0.2	1	<0.2	85.1	<0.05	<0.05	0.08	0.007	0.02
456897		420	14.7	116.0	0.024	6.04	1.59	19.5	9	2.1	42.5	0.55	0.18	5.37	0.307	7.80
456898		660	25.4	91.3	0.065	6.30	2.80	14.6	10	2.1	40.2	0.50	0.34	5.85	0.192	6.18
456899		1600	25.4	55.0	0.045	6.74	2.62	8.6	12	1.3	51.9	0.29	0.30	3.92	0.106	3.38
456900		610	115.5	58.1	0.072	>10.0	10.85	8.8	14	1.2	34.7	0.30	0.92	4.28	0.113	4.39

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CERTIFICAT D'ANALYSE VO18174629

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456881		22.4	560	2.3	13.0	911	75.7
456882		54.6	1540	4.0	25.8	2210	56.1
456883		26.1	579	2.2	12.3	2530	62.0
456884		24.9	554	2.4	11.8	2500	54.4
456885		36.5	887	2.1	18.7	1130	56.8
456886		53.1	1120	3.0	22.4	2500	60.5
456887		65.2	1280	2.1	41.0	3130	71.7
456888		62.3	1200	2.2	35.0	1830	51.2
456889		1.2	154	2.2	19.7	137	144.5
456890		60.9	1260	2.5	30.4	2040	63.8
456891		39.6	888	1.9	22.2	1980	70.1
456892		65.6	1280	2.7	34.2	3530	64.4
456893		69.3	1360	2.7	35.1	3340	64.1
456894		52.4	977	1.6	30.1	2820	69.7
456895		56.0	1050	2.4	26.0	2360	90.7
456896		0.2	3	0.1	2.5	9	1.7
456897		15.8	333	1.8	11.9	622	158.0
456898		31.7	741	2.0	17.1	2110	159.0
456899		24.2	563	1.3	16.7	1550	82.5
456900		40.7	970	2.8	20.1	1640	66.6

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CERTIFICAT D'ANALYSE VO18174629

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18174632

Projet: Kan

Bon de commande #: KANDH18- 046

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18174632

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456901		5.44	0.020	1.80	6.89	58.2	150	1.80	1.11	0.94	3.57	63.2	24.6	81	3.06	169.5
456902		2.81	<0.001	0.02	8.19	1.0	150	0.30	0.01	6.89	0.09	9.92	50.2	188	0.63	29.0
456903		2.70	<0.001	0.01	7.53	0.5	60	0.49	0.01	6.52	0.11	10.90	51.9	162	0.37	57.5
456904		2.02	<0.001	0.02	7.54	1.2	90	0.64	0.01	6.79	0.14	13.40	52.9	157	0.86	85.8
456905		2.09	<0.001	0.04	7.88	3.0	570	1.34	0.01	1.96	0.06	39.8	14.3	65	5.55	47.9
456906		2.95	<0.001	0.05	8.44	1.2	1210	2.15	0.01	0.74	0.07	75.3	12.1	58	8.32	75.6
456907		3.79	<0.001	0.05	8.76	0.5	1300	1.88	0.02	0.47	0.05	71.1	8.9	61	4.84	54.6
456908		3.83	<0.001	0.11	8.94	0.2	1210	1.92	0.08	0.62	0.06	80.6	16.3	62	4.48	108.5
456909		0.07	2.56	0.47	7.07	11.4	340	1.24	0.17	4.82	0.08	44.2	52.1	304	0.70	82.1
456910		4.68	0.002	0.08	8.74	0.4	840	2.07	0.19	0.64	0.06	75.7	15.1	62	5.56	82.5
456911		3.87	<0.001	0.07	8.86	<0.2	820	2.15	0.17	0.73	0.04	78.4	16.3	63	3.80	81.1
456912		4.79	<0.001	0.27	8.69	2.1	960	1.99	0.47	1.02	0.05	73.3	17.2	62	4.00	91.7
456913		4.65	<0.001	0.03	8.76	0.5	920	2.02	0.03	0.77	0.03	76.0	13.4	60	4.93	52.5
456914		4.56	<0.001	0.07	8.59	0.5	960	2.00	0.06	0.48	0.22	75.7	14.7	60	6.41	77.8
456915		4.36	<0.001	0.02	8.75	1.3	1170	1.88	0.02	0.65	0.03	79.9	10.1	60	5.78	21.3
456916		0.23	<0.001	<0.01	0.08	<0.2	20	0.07	<0.01	35.4	<0.02	1.17	0.4	2	<0.05	1.5
456917		4.66	<0.001	0.08	8.57	2.4	1290	2.07	0.04	0.99	0.08	75.8	7.7	57	3.04	44.3
456918		4.43	<0.001	0.09	8.79	0.3	1690	1.96	0.01	1.01	0.10	82.0	11.3	58	2.51	99.6
456919		3.32	<0.001	0.12	8.93	18.8	510	2.01	0.04	1.31	0.10	65.8	45.3	59	3.36	191.5
456920		2.15	<0.001	0.02	8.53	25.4	130	1.38	0.01	1.70	0.03	23.2	44.2	64	1.54	124.0

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CERTIFICAT D'ANALYSE VO18174632

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456901		13.80	18.20	0.13	4.7	0.129	0.075	3.01	36.3	11.6	0.73	257	44.2	0.14	10.9	160.0
456902		9.27	16.50	0.05	1.1	<0.005	0.053	0.38	3.7	17.6	5.23	1580	0.24	1.74	2.9	187.0
456903		9.56	16.45	0.06	1.3	<0.005	0.059	0.17	4.0	16.4	4.85	1540	0.15	1.76	3.4	160.0
456904		9.34	18.25	0.06	1.8	<0.005	0.496	0.29	5.2	18.2	4.15	1600	0.30	2.11	4.2	139.5
456905		2.92	19.50	0.08	4.6	<0.005	0.007	2.38	19.9	29.4	1.29	469	4.13	3.86	6.5	58.1
456906		3.44	21.1	0.11	5.3	<0.005	0.019	4.04	39.1	43.9	1.44	270	4.02	2.31	8.7	40.1
456907		2.54	22.1	0.12	5.9	<0.005	0.010	3.56	36.6	36.3	0.90	149	3.04	3.08	9.8	37.1
456908		3.39	23.0	0.13	5.3	<0.005	0.029	4.51	42.4	41.1	1.04	250	2.05	1.55	9.9	38.7
456909		7.65	18.40	0.09	3.6	0.060	0.069	1.01	22.8	10.1	5.72	1090	3.16	2.04	29.1	364
456910		4.30	22.1	0.13	5.0	<0.005	0.042	4.99	39.2	41.7	1.21	347	0.96	0.52	9.6	35.2
456911		4.19	22.0	0.14	5.4	<0.005	0.144	4.38	41.4	37.4	1.21	336	1.68	1.01	9.4	34.7
456912		3.34	22.3	0.14	5.1	<0.005	0.026	4.46	38.5	36.6	1.17	320	2.09	1.14	9.2	32.0
456913		3.60	22.0	0.14	5.5	<0.005	0.035	4.32	39.0	40.2	1.27	234	0.41	1.41	9.4	31.5
456914		4.06	21.9	0.15	5.6	<0.005	0.029	5.21	38.7	44.8	1.17	210	0.55	0.32	9.2	33.0
456915		3.01	22.6	0.16	5.1	<0.005	0.048	4.58	41.3	44.7	1.19	182	0.44	1.48	9.3	31.4
456916		0.11	0.25	0.11	0.1	<0.005	0.148	0.02	1.3	1.0	1.22	88	<0.05	0.03	0.2	0.5
456917		1.73	21.6	0.16	5.5	<0.005	0.007	3.34	38.5	37.3	1.02	231	0.64	3.13	4.9	28.9
456918		1.58	20.9	0.15	5.8	<0.005	0.026	3.92	42.1	39.0	1.02	207	1.93	3.50	4.4	31.2
456919		2.38	20.1	0.12	5.5	<0.005	0.021	2.42	32.9	31.0	1.16	254	5.47	4.66	3.7	51.4
456920		3.58	21.1	0.08	5.1	<0.005	0.020	0.73	10.5	15.7	1.09	444	1.45	5.60	6.4	105.0

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Finalisée date:
12- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18174632

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456901		520	615	75.1	0.032	>10.0	2.89	13.7	7	1.9	34.3	0.80	0.79	5.58	0.167	4.26
456902		400	4.8	14.2	0.002	0.08	0.25	37.4	<1	0.4	149.0	0.18	<0.05	0.29	0.647	0.12
456903		450	3.7	5.8	0.004	0.14	0.30	40.5	1	0.3	128.0	0.23	0.05	0.30	0.716	0.05
456904		470	4.7	11.0	0.006	0.21	0.29	40.6	1	0.4	117.5	0.29	<0.05	1.63	0.735	0.09
456905		370	7.7	75.3	0.012	0.04	0.14	10.6	<1	0.2	76.5	0.48	<0.05	11.90	0.303	0.43
456906		330	8.5	135.0	0.004	0.02	0.24	10.3	<1	0.4	50.1	0.67	<0.05	14.80	0.329	0.67
456907		340	15.0	113.5	0.007	0.06	0.23	10.8	<1	0.5	64.7	0.71	<0.05	14.60	0.350	0.49
456908		330	16.9	148.5	0.004	0.53	0.34	11.4	1	0.7	74.3	0.73	0.07	15.40	0.345	0.60
456909		1880	5.4	32.8	<0.002	0.04	0.31	24.2	<1	1.3	498	1.70	0.09	2.87	1.085	0.05
456910		330	9.2	164.0	0.005	0.34	0.24	10.8	<1	1.4	64.5	0.70	0.12	14.80	0.340	0.77
456911		330	9.0	141.0	0.005	0.57	0.21	11.0	1	1.4	80.0	0.72	0.08	15.35	0.340	0.64
456912		300	16.1	143.5	0.009	0.43	0.24	10.9	1	1.0	104.0	0.67	0.15	14.80	0.324	0.61
456913		310	5.9	148.5	0.002	0.21	0.20	10.9	1	0.9	86.4	0.70	<0.05	15.20	0.339	0.65
456914		320	7.4	172.0	0.003	0.23	0.24	10.7	1	1.3	49.7	0.70	<0.05	15.15	0.327	0.86
456915		320	5.4	158.0	0.002	0.06	0.27	11.3	<1	1.0	77.3	0.63	<0.05	15.35	0.331	0.73
456916		60	0.5	0.8	<0.002	<0.01	<0.05	0.2	<1	<0.2	81.5	<0.05	<0.05	0.12	0.006	<0.02
456917		310	23.8	102.5	0.003	0.05	0.26	10.9	<1	0.3	119.5	0.28	0.05	14.45	0.248	0.46
456918		330	21.7	95.2	0.005	0.18	0.23	11.4	<1	0.2	120.0	0.27	<0.05	14.35	0.225	0.44
456919		310	20.7	77.6	0.008	0.51	0.15	11.0	2	0.2	72.4	0.23	0.09	13.70	0.197	0.37
456920		610	3.8	24.3	0.012	0.52	0.09	11.0	1	<0.2	39.4	0.53	<0.05	13.80	0.305	0.16

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CERTIFICAT D'ANALYSE VO18174632

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456901		21.4	371	1.7	16.1	503	172.0
456902		0.1	330	0.1	19.7	91	36.2
456903		0.3	345	0.1	22.1	97	42.9
456904		0.6	350	0.2	25.3	102	61.2
456905		2.7	137	0.2	7.5	33	158.0
456906		4.2	129	0.5	9.2	35	182.5
456907		4.4	127	1.1	9.4	21	200
456908		3.8	111	0.9	9.3	33	184.5
456909		0.7	153	3.5	24.1	110	141.5
456910		3.2	96	1.1	9.4	71	174.5
456911		3.5	103	1.0	9.5	65	184.5
456912		3.6	108	1.0	9.6	47	172.5
456913		3.2	76	0.9	9.4	77	182.5
456914		3.2	80	1.3	9.6	178	184.5
456915		3.3	75	1.0	9.4	78	183.0
456916		0.1	1	<0.1	1.9	3	1.7
456917		3.3	84	0.6	9.4	44	182.5
456918		4.0	109	0.4	10.2	31	205
456919		3.7	114	0.2	7.9	49	189.5
456920		2.2	130	0.3	7.3	46	172.0

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CERTIFICAT D'ANALYSE VO18174632

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU- 31	CRU- QC	LOG- 21	LOG- 23
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18174634

Projet: Kan

Bon de commande #: KANDH18- 047

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18174634

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456921		3.13	0.008	0.05	7.09	17.7	70	0.53	0.01	5.83	0.11	10.45	46.5	157	0.86	92.3
456922		4.51	0.002	0.01	7.50	21.3	40	0.31	0.01	6.64	0.07	7.05	43.7	162	0.48	16.4
456923		5.06	0.002	<0.01	7.98	26.3	40	0.39	0.01	6.50	0.04	6.02	45.4	180	0.35	1.7
456924		4.61	0.002	<0.01	8.30	29.8	120	0.36	0.01	4.43	0.04	6.04	57.9	230	0.33	1.2
456925		4.87	0.005	0.05	7.00	34.8	70	0.29	0.01	5.96	0.10	5.97	68.5	223	0.59	81.9
456926		5.03	0.008	0.05	7.48	19.6	30	0.26	0.01	6.05	0.09	9.54	65.7	215	0.31	83.1
456927		4.98	0.003	0.07	7.04	36.9	60	0.20	0.01	6.13	0.14	5.12	73.3	205	0.38	109.5
456928		4.61	0.005	0.06	7.08	19.9	80	0.14	0.05	6.47	0.10	4.66	66.5	156	0.25	77.8
456929		0.07	7.70	1.35	6.51	32.7	330	0.88	0.54	3.06	0.08	32.4	40.8	326	0.71	115.5
456930		5.34	0.004	0.08	7.60	18.3	20	0.17	0.01	6.76	0.11	4.78	66.4	220	0.22	128.0
456931		4.69	0.001	0.04	7.27	16.2	30	0.18	0.01	6.44	0.06	4.38	64.6	215	0.16	70.3
456932		4.77	0.004	0.04	7.11	31.4	10	0.16	0.01	5.89	0.08	4.37	85.1	185	0.15	63.1
456933		4.78	0.001	0.05	6.52	13.8	10	0.20	0.01	6.12	0.08	3.92	77.8	240	0.13	88.8
456934		4.71	<0.001	0.04	6.36	14.8	10	0.19	0.01	5.55	0.10	3.91	85.0	223	0.15	83.1
456935		4.45	<0.001	0.04	6.46	9.4	<10	0.20	0.01	5.46	0.08	4.34	84.2	208	0.17	67.9
456936		0.19	<0.001	<0.01	0.14	<0.2	10	<0.05	<0.01	32.8	0.02	0.88	1.4	5	<0.05	2.6
456937		5.32	<0.001	0.06	7.01	10.0	10	0.18	0.01	6.08	0.07	4.09	77.9	282	0.15	109.5
456938		4.57	0.002	0.15	6.72	11.6	10	0.10	<0.01	6.11	0.18	4.50	78.9	276	0.14	273
456939		4.73	0.001	0.05	7.04	13.5	20	0.18	0.01	6.05	0.11	3.93	68.4	276	0.13	115.0
456940		4.72	<0.001	0.01	7.51	27.0	90	0.19	0.01	6.10	0.04	5.16	73.5	320	0.21	38.1

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CERTIFICAT D'ANALYSE VO18174634

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456921		8.50	16.20	0.05	1.1	<0.005	0.050	0.26	3.8	34.9	4.28	1400	0.17	1.68	3.4	140.0
456922		8.24	15.00	0.05	0.7	<0.005	0.033	0.15	2.6	34.2	4.98	1380	0.09	1.74	2.3	170.5
456923		7.99	15.55	0.06	0.5	<0.005	0.047	0.12	2.1	36.4	5.31	1360	0.09	2.27	2.0	193.0
456924		9.59	17.50	0.05	0.6	<0.005	0.041	0.23	2.2	43.3	6.34	1410	0.07	1.82	2.4	259
456925		9.32	14.35	<0.05	0.5	0.006	0.052	0.30	2.2	29.7	7.08	1480	0.16	1.33	1.8	336
456926		9.40	15.70	0.06	0.9	0.010	0.071	0.13	3.4	29.0	7.78	1460	0.11	1.48	3.0	386
456927		8.77	14.00	<0.05	0.4	0.012	0.075	0.19	1.9	32.2	7.39	1440	0.15	1.13	1.7	386
456928		8.62	12.65	0.05	0.4	0.013	0.041	0.18	1.6	33.1	7.99	1460	0.20	0.85	1.6	441
456929		5.87	15.30	0.06	2.7	0.165	0.042	1.12	15.7	13.5	4.27	793	6.13	1.26	16.4	264
456930		8.18	14.10	0.05	0.4	0.019	7.18	0.10	1.7	22.4	7.19	1240	0.19	1.37	1.6	384
456931		7.99	12.80	0.05	0.4	0.005	0.029	0.08	1.5	25.4	7.90	1260	0.09	1.38	1.6	432
456932		8.79	12.40	0.05	0.4	0.006	0.042	0.05	1.6	28.1	9.33	1320	0.08	1.03	1.5	558
456933		8.23	11.20	<0.05	0.3	0.016	0.028	0.03	1.4	37.6	8.85	1240	0.07	0.92	1.4	552
456934		8.59	10.65	<0.05	0.3	0.015	0.034	0.04	1.4	39.5	9.71	1280	0.09	0.65	1.4	598
456935		8.73	11.00	0.05	0.4	0.016	0.104	0.03	1.6	42.4	10.00	1300	0.06	0.68	1.5	625
456936		0.24	0.29	0.07	<0.1	<0.005	0.009	0.01	1.0	1.5	1.46	102	<0.05	0.03	0.1	7.6
456937		8.21	11.70	0.05	0.4	0.012	0.048	0.03	1.4	41.2	9.08	1260	0.10	0.98	1.4	572
456938		8.29	10.90	0.05	0.4	0.036	0.039	0.03	1.7	50.1	8.93	1400	0.14	0.48	1.5	628
456939		7.79	12.00	<0.05	0.3	0.010	0.047	0.07	1.4	39.0	8.12	1220	0.08	1.10	1.5	480
456940		7.83	13.55	0.05	0.4	0.005	0.040	0.23	1.8	36.5	8.43	1160	0.13	1.08	1.9	556

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CERTIFICAT D'ANALYSE VO18174634

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456921		420	2.8	10.2	0.004	0.12	0.17	37.8	<1	0.3	58.2	0.21	<0.05	0.46	0.697	0.08
456922		300	2.3	5.7	<0.002	0.03	0.21	31.0	<1	0.3	77.3	0.15	<0.05	0.24	0.546	0.05
456923		150	1.8	2.5	<0.002	<0.01	0.16	30.7	<1	0.3	64.6	0.14	<0.05	0.16	0.479	0.04
456924		220	1.6	3.7	<0.002	<0.01	0.23	25.1	<1	0.3	48.8	0.17	<0.05	0.15	0.538	0.05
456925		260	2.8	10.3	0.002	0.07	0.52	19.3	<1	0.4	85.2	0.13	<0.05	0.15	0.412	0.09
456926		420	3.1	4.1	<0.002	0.10	0.67	21.0	<1	0.7	102.5	0.21	<0.05	0.24	0.480	0.04
456927		220	2.7	6.0	<0.002	0.04	0.57	17.8	<1	0.5	93.2	0.11	<0.05	0.13	0.393	0.05
456928		200	4.6	4.6	0.002	0.03	0.49	17.2	<1	0.4	79.1	0.10	<0.05	0.11	0.332	<0.02
456929		1140	10.2	39.5	<0.002	0.09	0.77	20.3	<1	1.0	297	0.98	0.26	2.37	0.713	0.18
456930		220	3.5	2.7	<0.002	0.11	1.00	18.4	<1	0.4	138.5	0.11	<0.05	0.12	0.366	0.02
456931		200	2.5	1.7	<0.002	0.05	0.88	16.7	<1	0.3	102.0	0.11	<0.05	0.11	0.341	<0.02
456932		190	2.1	1.0	<0.002	0.05	0.94	14.4	<1	0.4	86.1	0.10	<0.05	0.11	0.332	<0.02
456933		190	2.3	0.7	<0.002	0.06	0.85	13.9	1	0.4	88.9	0.08	<0.05	0.11	0.292	0.02
456934		170	1.5	0.7	<0.002	0.06	0.78	14.8	<1	0.4	76.1	0.08	<0.05	0.10	0.294	<0.02
456935		190	1.3	0.7	<0.002	0.04	0.80	14.2	<1	0.4	65.2	0.10	<0.05	0.13	0.278	<0.02
456936		50	<0.5	0.4	<0.002	0.01	0.08	0.4	<1	<0.2	74.6	<0.05	<0.05	0.06	0.008	<0.02
456937		180	1.6	0.7	<0.002	0.03	0.78	14.2	<1	0.4	83.9	0.09	<0.05	0.10	0.289	<0.02
456938		200	0.9	0.6	<0.002	0.04	0.31	15.4	<1	0.4	37.2	0.10	<0.05	0.13	0.302	<0.02
456939		200	1.4	1.4	<0.002	0.02	0.60	12.6	<1	0.4	78.6	0.10	<0.05	0.11	0.296	0.02
456940		260	1.5	5.1	0.002	0.01	0.81	11.8	<1	0.5	91.0	0.13	<0.05	0.14	0.331	0.04

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
12- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18174634

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456921		0.2	337	1.8	21.9	100	36.5
456922		0.1	280	2.3	16.1	90	22.4
456923		0.1	254	2.7	14.2	88	17.5
456924		0.1	277	1.3	12.9	106	17.1
456925		0.1	231	0.9	12.7	109	16.1
456926		0.1	226	0.3	19.0	102	27.7
456927		0.1	206	0.2	11.1	102	12.9
456928		<0.1	175	0.3	10.3	99	10.0
456929		0.6	154	9.8	14.6	90	97.6
456930		0.1	198	0.2	10.4	80	9.4
456931		0.1	180	0.2	9.5	78	9.9
456932		<0.1	163	0.2	9.1	86	9.9
456933		<0.1	151	0.1	8.2	79	8.1
456934		<0.1	147	0.1	8.1	84	9.2
456935		<0.1	140	0.1	8.6	84	13.2
456936		0.1	2	<0.1	1.9	4	1.6
456937		<0.1	147	0.1	8.3	83	11.1
456938		0.1	149	0.1	9.4	94	11.5
456939		<0.1	154	0.1	8.0	81	10.5
456940		0.1	162	0.2	10.1	80	12.6

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CERTIFICAT D'ANALYSE VO18174634

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU- 31	CRU- QC	LOG- 21	LOG- 23
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18174635

Projet: Kan

Bon de commande #: KANDH18- 048

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18174635

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456941		4.56	<0.001	0.03	7.06	28.1	50	0.17	0.01	5.80	0.06	5.93	74.1	287	0.14	65.2
456942		4.91	<0.001	0.05	8.18	16.6	90	0.25	0.01	7.24	0.09	5.38	51.5	491	0.17	120.5
456943		4.90	<0.001	0.04	8.50	5.6	10	0.26	0.01	8.76	0.07	5.48	40.3	530	0.08	96.3
456944		4.99	<0.001	0.04	8.64	2.8	10	0.27	0.01	8.22	0.11	8.48	33.1	393	0.10	113.5
456945		4.92	<0.001	0.05	7.81	0.8	10	0.33	0.01	7.86	0.09	10.85	35.6	332	0.22	123.0
456946		4.86	<0.001	0.03	7.75	0.5	10	0.31	0.01	8.09	0.09	10.30	35.9	248	0.07	137.5
456947		5.04	<0.001	0.04	7.58	2.4	<10	0.35	0.01	8.05	0.09	10.15	37.2	147	0.06	146.0
456948		4.81	<0.001	0.05	7.28	2.8	10	0.25	<0.01	8.03	0.07	7.05	37.2	72	0.06	152.5
456949		0.07	0.666	0.19	7.30	19.1	330	1.20	0.13	4.33	0.20	51.5	39.9	184	1.95	53.6
456950		4.88	<0.001	0.04	7.19	1.6	10	0.31	0.01	6.95	0.07	8.52	40.8	30	0.06	81.4
456951		4.93	0.002	0.20	6.51	0.6	20	0.26	0.01	7.25	0.26	8.61	59.9	7	1.15	406
456952		4.94	0.008	0.03	6.49	1.0	60	0.43	0.01	6.77	0.12	11.10	57.5	10	4.67	78.6
456953		4.61	<0.001	0.04	6.07	0.6	150	0.52	0.01	5.35	0.11	16.75	44.9	15	12.10	66.4
456954		4.62	<0.001	0.01	5.73	0.2	140	0.74	0.01	4.77	0.11	36.5	22.7	3	8.37	17.8
456955		4.62	<0.001	<0.01	7.67	<0.2	510	1.76	0.01	1.24	0.04	70.3	9.6	40	2.14	13.8
456956		0.24	<0.001	<0.01	0.14	<0.2	30	0.10	0.01	32.6	<0.02	0.84	0.6	2	0.05	1.1
456957		3.74	<0.001	0.03	8.52	<0.2	990	1.83	0.02	0.44	0.05	65.9	7.9	60	3.90	33.4
456958		2.59	<0.001	0.01	8.60	<0.2	1060	1.79	0.02	0.16	<0.02	66.0	8.8	60	5.11	22.1
456959		4.42	<0.001	0.05	7.39	0.6	890	1.34	0.03	0.41	0.06	58.0	9.3	54	4.55	36.1
456960		4.43	<0.001	0.06	8.33	<0.2	680	2.04	0.08	0.41	<0.02	60.3	11.0	77	6.41	41.7

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CERTIFICAT D'ANALYSE VO18174635

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456941		7.89	12.40	<0.05	0.6	0.010	0.041	0.16	2.1	36.0	8.61	1200	0.14	1.02	2.2	507
456942		6.66	14.15	<0.05	0.6	0.018	0.041	0.28	1.9	24.2	6.10	1080	0.16	1.37	2.1	300
456943		6.68	14.85	<0.05	0.6	0.012	0.058	0.03	1.9	15.8	4.96	1200	0.13	1.37	2.0	149.5
456944		6.19	15.30	0.05	0.8	0.008	0.057	0.04	3.2	13.6	4.51	1170	0.18	1.70	2.5	94.4
456945		7.14	14.95	<0.05	1.2	0.019	0.069	0.08	4.2	14.6	4.77	1360	0.22	1.28	3.0	73.1
456946		7.22	15.00	<0.05	1.1	0.018	0.060	0.04	4.0	13.1	4.83	1380	0.18	1.49	2.9	72.7
456947		7.50	15.25	0.06	1.0	0.013	0.071	0.03	3.9	12.0	4.49	1360	0.21	1.21	2.9	64.3
456948		7.31	14.10	<0.05	0.7	0.011	0.081	0.02	2.6	12.5	4.53	1410	0.15	1.44	2.2	64.7
456949		7.25	17.60	0.08	3.6	0.018	0.076	0.88	23.1	13.7	2.91	941	2.27	1.69	18.7	137.0
456950		8.41	15.50	<0.05	0.7	0.017	0.073	0.06	3.1	13.9	4.17	1460	0.18	1.50	2.7	49.5
456951		12.95	18.40	0.06	1.0	0.022	0.097	0.24	3.2	14.7	3.72	1610	0.17	0.87	2.8	47.6
456952		13.20	18.05	<0.05	1.1	0.007	0.098	0.78	4.2	19.3	3.34	1720	0.23	1.59	3.4	14.7
456953		12.50	18.35	0.06	1.4	0.008	0.124	1.68	6.5	34.5	2.67	1900	0.37	1.26	5.4	19.5
456954		11.50	20.0	0.10	3.7	<0.005	0.163	1.14	13.7	26.2	1.37	2190	0.82	1.54	11.0	0.6
456955		6.85	23.2	0.11	6.3	<0.005	0.115	2.14	34.4	27.2	1.37	1040	1.25	1.71	12.5	15.8
456956		0.15	0.45	<0.05	0.1	<0.005	<0.005	0.05	1.0	1.3	1.80	90	<0.05	0.05	0.4	0.9
456957		3.37	19.10	0.08	6.2	<0.005	0.019	4.33	35.2	32.4	1.44	402	2.04	1.35	8.1	28.6
456958		3.32	20.2	0.09	7.0	<0.005	0.016	4.63	34.1	36.1	1.46	247	2.11	1.20	8.7	32.0
456959		2.75	15.45	0.09	4.0	0.005	0.014	3.86	31.1	28.6	1.27	377	3.13	1.26	7.1	41.9
456960		6.77	19.40	0.09	3.1	0.007	0.036	4.52	31.8	42.8	1.81	816	1.42	0.22	7.3	34.2

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CERTIFICAT D'ANALYSE VO18174635

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456941		280	1.7	3.7	<0.002	0.01	0.79	12.4	<1	0.5	79.4	0.15	<0.05	0.15	0.355	0.02
456942		270	2.9	4.3	<0.002	0.03	1.12	16.8	<1	0.6	124.5	0.14	<0.05	0.16	0.381	0.04
456943		240	3.0	0.5	<0.002	0.06	1.26	32.1	1	0.5	132.5	0.12	<0.05	0.16	0.437	<0.02
456944		230	2.9	0.8	<0.002	0.05	1.06	36.2	<1	0.6	123.0	0.15	<0.05	0.38	0.387	<0.02
456945		300	2.6	2.7	<0.002	0.07	0.98	39.8	1	0.8	109.5	0.20	<0.05	0.52	0.475	0.03
456946		280	2.8	0.5	<0.002	0.06	1.00	41.8	<1	0.7	111.0	0.18	<0.05	0.45	0.451	<0.02
456947		270	3.1	0.3	<0.002	0.11	1.09	41.9	<1	0.6	122.0	0.19	<0.05	0.48	0.510	<0.02
456948		250	3.1	0.3	<0.002	0.06	1.20	41.3	<1	0.6	119.5	0.14	<0.05	0.24	0.481	<0.02
456949		1100	14.1	40.2	<0.002	0.02	0.96	18.1	<1	1.8	347	1.12	0.05	5.31	0.915	0.20
456950		340	3.9	1.0	0.003	0.07	1.31	42.5	<1	0.6	137.0	0.18	<0.05	0.28	0.618	<0.02
456951		330	4.8	7.1	<0.002	0.31	1.37	50.2	2	0.7	157.5	0.17	0.05	0.31	1.075	0.09
456952		420	3.9	30.0	0.003	0.16	1.04	51.5	1	0.9	122.0	0.22	<0.05	0.45	1.170	0.33
456953		750	4.0	77.8	0.003	0.19	0.33	46.0	1	1.0	98.0	0.34	0.05	0.68	1.365	0.72
456954		1750	3.3	55.0	<0.002	0.13	0.16	30.6	<1	1.9	156.5	0.70	<0.05	1.70	1.110	0.55
456955		690	3.9	61.1	<0.002	0.09	0.14	15.2	<1	1.6	65.5	0.85	<0.05	9.85	0.426	0.31
456956		60	0.8	1.4	<0.002	<0.01	0.06	0.3	1	<0.2	74.2	<0.05	<0.05	0.10	0.008	<0.02
456957		300	9.2	116.5	0.004	0.21	0.21	9.4	1	0.6	28.2	0.60	<0.05	13.60	0.323	0.68
456958		290	6.1	134.5	0.002	0.13	0.18	10.0	1	0.6	22.8	0.64	<0.05	13.55	0.323	0.96
456959		250	11.9	113.5	0.006	0.14	0.23	7.6	1	0.3	24.0	0.50	<0.05	11.60	0.279	0.84
456960		860	3.7	142.0	0.004	0.71	0.15	9.9	1	1.1	26.4	0.52	0.08	11.15	0.286	1.18

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Projet: Kan

CERTIFICAT D'ANALYSE VO18174635

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456941		0.1	163	0.1	11.4	85	16.2
456942		0.1	188	0.2	11.4	71	18.6
456943		<0.1	241	0.2	12.9	64	14.2
456944		0.1	209	0.2	16.9	62	27.2
456945		0.1	255	0.2	21.7	72	41.2
456946		0.1	252	0.2	20.3	75	35.7
456947		0.1	295	0.2	20.2	72	35.1
456948		0.1	275	0.1	16.1	73	27.3
456949		1.2	148	2.1	19.7	131	143.5
456950		0.1	337	0.2	18.8	82	22.9
456951		0.1	1080	0.2	19.3	108	21.7
456952		0.1	936	0.2	23.7	115	32.6
456953		0.2	454	0.4	27.4	139	47.4
456954		0.4	37	0.2	37.0	148	135.0
456955		2.0	54	0.5	19.6	104	218
456956		0.2	2	<0.1	1.9	<2	1.9
456957		3.6	112	0.8	7.6	68	219
456958		3.8	112	0.8	8.4	77	245
456959		3.1	103	0.6	6.8	63	142.0
456960		3.2	90	1.4	8.1	74	108.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
12- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18174635

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU- 31	CRU- QC	LOG- 21	LOG- 23
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 5- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18177053

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 012

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177053

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457851		2.71	0.005	0.04	1.29	8.5	10	1.55	0.05	1.77	0.02	16.70	13.1	29	0.84	13.8
457852		2.62	0.001	0.03	0.45	14.4	20	1.15	0.03	2.13	0.04	8.97	6.7	12	2.77	7.1
457853		3.13	0.005	0.04	0.69	13.8	20	1.13	0.04	2.30	0.10	14.05	9.3	17	2.47	10.3
457854		2.24	0.002	0.04	0.67	0.8	30	1.68	0.04	0.71	0.14	13.95	9.4	19	2.83	12.8
457855		2.70	0.002	0.02	0.57	1.3	40	1.49	0.04	0.49	0.09	16.75	9.1	11	5.24	9.9
457856		2.65	0.002	0.02	0.90	1.3	70	1.69	0.07	0.46	0.09	17.75	9.2	21	9.88	3.1
457857		2.60	0.001	0.05	0.63	2.2	50	1.45	0.06	0.27	0.09	14.65	8.8	14	6.57	11.1
457858		2.57	0.002	0.03	0.82	1.5	60	1.52	0.07	0.30	0.12	16.30	8.1	18	8.72	6.4
457859		0.06	2.60	0.41	7.07	11.8	340	1.24	0.17	4.93	0.07	44.2	52.3	319	0.69	81.8
457860		2.61	0.002	0.11	0.36	0.9	20	0.68	0.08	0.26	0.10	9.98	5.3	15	2.45	39.0
457861		2.65	0.002	0.29	0.58	1.7	20	0.96	0.25	0.32	0.10	12.85	11.4	17	2.70	86.9
457862		3.96	0.002	0.16	0.41	1.4	20	0.65	0.17	0.29	0.08	13.35	7.6	16	2.11	70.0
457863		3.95	0.004	0.40	0.20	1.3	10	0.20	0.43	0.45	0.05	6.64	15.8	18	1.80	199.0
457864		2.52	0.005	0.44	0.29	1.9	10	0.26	0.57	0.22	0.05	9.68	17.6	28	2.50	160.5
457865		2.72	0.009	0.40	0.34	0.8	20	0.27	0.40	0.38	0.07	10.75	15.2	16	2.66	193.0
457866		0.22	<0.001	<0.01	0.23	0.2	50	0.05	0.01	33.7	<0.02	0.89	0.6	2	<0.05	1.4
457867		2.80	0.002	0.09	0.54	19.0	30	1.83	0.16	0.21	0.08	13.35	5.9	18	5.08	34.9
457868		2.66	0.003	0.09	0.55	3.3	30	1.39	0.17	0.30	0.08	15.30	4.9	19	5.24	30.8
457869		2.88	0.003	0.21	0.58	1.9	30	1.47	0.33	0.22	0.06	13.45	8.5	20	5.62	70.9
457870		2.73	0.003	0.10	0.58	1.7	40	1.18	0.18	0.18	0.07	14.10	4.4	19	5.52	27.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177053

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457851		23.3	6.43	0.16	0.8	0.005	0.027	0.05	9.6	2.4	4.16	20900	0.56	0.02	6.7	20.0
457852		19.80	2.43	0.13	0.3	<0.005	0.013	0.15	5.1	0.8	3.20	14900	0.45	0.06	3.0	7.1
457853		20.3	3.55	0.15	0.6	<0.005	0.014	0.20	8.0	2.9	4.25	18000	0.65	0.06	5.0	10.6
457854		20.3	3.36	0.17	0.5	0.012	0.019	0.32	7.8	5.4	3.80	15900	0.50	0.04	4.5	9.9
457855		24.2	2.90	0.16	0.5	0.037	0.015	0.31	9.1	1.4	4.57	15300	0.44	0.12	4.8	7.8
457856		21.8	4.09	0.16	0.7	0.032	0.040	0.50	9.4	1.2	3.86	13200	0.64	0.21	6.3	12.9
457857		22.2	2.86	0.15	0.5	0.038	0.053	0.35	8.1	1.1	3.64	11350	0.73	0.16	4.0	9.2
457858		24.6	3.92	0.15	0.6	0.039	0.076	0.45	8.8	1.2	3.78	16200	0.57	0.20	5.1	12.3
457859		7.70	19.25	0.17	3.5	0.057	0.068	1.02	21.4	9.0	5.84	1130	3.27	2.04	28.8	370
457860		19.25	2.19	0.15	0.3	0.019	0.100	0.13	5.7	0.8	2.37	17150	0.30	0.06	3.0	5.5
457861		23.9	3.54	0.15	0.4	0.023	0.123	0.15	7.1	1.1	2.69	17150	0.64	0.06	3.8	9.4
457862		21.0	2.92	0.14	0.3	0.015	0.117	0.12	7.5	1.0	3.07	15850	0.51	0.05	3.3	6.5
457863		20.6	1.63	0.16	0.2	0.025	0.059	0.13	3.7	0.8	1.67	3000	0.48	0.04	1.7	13.5
457864		21.7	2.54	0.15	0.3	0.028	0.056	0.21	5.2	1.4	1.88	2770	0.64	0.05	2.6	14.5
457865		21.5	2.31	0.17	0.3	0.033	0.069	0.16	6.3	0.7	1.94	3500	0.73	0.06	2.6	12.5
457866		0.16	0.52	0.08	0.1	<0.005	<0.005	0.04	1.1	0.9	1.28	101	<0.05	0.15	0.1	<0.2
457867		25.5	3.02	0.15	0.3	0.006	0.127	0.31	7.3	1.9	4.61	4990	0.61	0.11	3.8	7.1
457868		26.3	3.83	0.17	0.3	0.012	0.134	0.33	8.4	2.2	4.90	4240	0.32	0.11	4.4	5.9
457869		27.2	3.91	0.18	0.4	0.013	0.150	0.35	7.4	2.3	4.52	4690	0.43	0.12	4.7	8.3
457870		23.2	3.80	0.16	0.4	0.016	0.159	0.35	7.9	2.5	4.52	3620	0.37	0.12	4.0	7.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177053

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457851		770	1.8	1.5	<0.002	0.22	0.21	4.0	1	0.3	20.0	0.37	0.05	1.37	0.156	<0.02
457852		390	1.6	4.2	<0.002	0.14	0.14	1.4	1	0.3	27.1	0.17	0.06	0.47	0.068	<0.02
457853		580	4.0	6.1	<0.002	0.24	0.10	2.1	1	0.6	33.0	0.29	0.07	0.78	0.119	0.05
457854		550	3.0	10.7	<0.002	0.32	0.11	2.2	1	0.7	11.6	0.28	0.05	0.74	0.105	0.16
457855		600	1.6	8.2	<0.002	0.35	0.34	1.6	1	0.8	8.5	0.29	<0.05	0.78	0.092	0.03
457856		510	2.5	12.9	<0.002	0.17	0.93	2.7	<1	1.5	8.5	0.42	<0.05	1.19	0.125	0.03
457857		490	1.7	8.8	<0.002	0.60	0.58	1.8	1	1.0	4.1	0.26	0.06	0.84	0.087	<0.02
457858		570	1.8	11.4	<0.002	0.31	0.84	2.5	<1	1.3	4.7	0.32	<0.05	0.99	0.105	<0.02
457859		1970	5.2	31.0	<0.002	0.04	0.37	21.2	<1	1.4	498	1.68	0.09	2.97	1.115	0.05
457860		400	3.0	3.4	<0.002	1.38	0.44	1.1	<1	0.5	3.7	0.16	0.06	0.46	0.053	<0.02
457861		480	5.2	3.7	<0.002	3.63	0.41	1.7	3	0.6	5.3	0.24	0.10	0.67	0.075	0.03
457862		550	3.6	3.0	<0.002	2.54	0.20	1.2	1	0.4	4.9	0.18	0.08	0.55	0.057	<0.02
457863		310	8.2	3.4	<0.002	6.20	0.36	0.6	7	0.3	11.2	0.10	0.17	0.26	0.032	0.02
457864		460	10.2	5.9	<0.002	6.25	0.30	0.9	8	0.5	5.6	0.16	0.23	0.42	0.046	0.04
457865		710	10.0	4.0	<0.002	5.71	0.39	0.9	6	0.5	9.2	0.14	0.14	0.44	0.039	0.02
457866		60	0.5	0.9	<0.002	0.01	0.06	0.1	1	<0.2	78.1	<0.05	<0.05	0.04	<0.005	<0.02
457867		480	2.6	8.5	<0.002	1.32	1.19	1.7	1	1.6	4.1	0.15	<0.05	0.70	0.058	0.06
457868		570	2.9	9.0	<0.002	1.32	1.93	1.5	1	1.9	4.8	0.17	<0.05	0.70	0.063	0.06
457869		530	5.2	9.9	<0.002	2.60	1.15	1.7	3	1.8	4.7	0.19	0.09	0.70	0.064	0.08
457870		490	2.2	10.1	<0.002	1.35	1.42	1.7	1	1.8	4.3	0.16	<0.05	0.64	0.063	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177053

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457851		0.8	122	0.6	10.5	21	36.7
457852		0.3	47	0.5	7.2	13	15.0
457853		0.5	69	0.5	7.9	24	24.5
457854		0.6	55	0.3	7.9	41	22.8
457855		0.4	45	0.3	9.9	30	21.6
457856		0.9	61	0.5	9.7	42	30.1
457857		0.4	41	0.3	8.6	40	20.7
457858		0.6	58	0.4	8.9	40	25.8
457859		0.7	154	3.5	20.5	112	148.5
457860		0.2	27	0.2	5.6	28	14.0
457861		0.5	39	0.3	6.7	32	19.1
457862		0.3	34	0.2	5.4	22	15.8
457863		0.1	17	0.1	2.4	15	7.9
457864		0.2	24	0.1	2.8	16	11.9
457865		0.4	19	0.2	4.0	14	11.4
457866		0.1	1	<0.1	2.3	3	1.7
457867		0.6	30	0.2	7.2	41	15.1
457868		0.5	46	0.2	7.6	41	15.7
457869		0.5	37	0.2	9.2	34	16.4
457870		0.6	41	0.2	7.0	37	17.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 5- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177053

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 6- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18177073

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 013

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

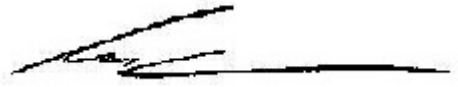
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 6- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177073

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457871		2.60	0.005	0.12	0.70	5.8	40	1.39	0.30	0.24	0.04	17.50	5.4	21	5.97	53.6
457872		2.45	<0.001	0.06	0.76	1.2	40	1.05	0.13	0.25	0.04	15.30	6.7	25	5.67	21.8
457873		2.50	<0.001	0.06	0.40	0.7	30	1.36	0.07	3.26	0.05	13.75	5.2	16	3.91	11.7
457874		2.31	0.009	0.02	0.31	1.4	20	0.63	0.03	2.97	0.06	11.05	5.4	13	3.25	3.8
457875		2.51	<0.001	0.02	0.32	5.3	20	0.60	0.04	4.96	0.06	10.30	5.2	11	3.39	5.2
457876		2.46	<0.001	0.03	0.84	52.8	50	0.97	0.06	3.51	0.07	16.55	10.0	19	6.90	8.1
457877		2.37	<0.001	0.04	0.45	22.6	30	0.99	0.04	2.44	0.04	11.35	6.1	15	4.48	8.3
457878		2.47	<0.001	0.03	0.65	6.1	40	1.22	0.03	2.98	0.05	12.60	8.2	18	5.23	6.7
457879		0.06	7.64	1.30	5.90	35.2	300	1.18	0.53	2.85	0.08	29.4	42.4	311	0.62	113.5
457880		2.33	0.002	0.12	0.56	47.8	30	0.57	0.08	3.73	0.07	10.05	7.0	20	4.26	5.0
457881		1.94	0.005	0.05	0.96	2.5	20	0.77	0.05	3.03	0.07	17.05	9.2	22	1.87	11.0
457882		2.42	0.048	0.02	0.41	5.5	30	0.50	0.03	1.72	0.03	12.45	5.5	13	3.82	5.6
457883		2.51	0.135	0.03	0.58	9.7	10	0.60	0.05	3.29	0.08	14.55	12.2	19	0.40	17.2
457884		2.57	<0.001	0.02	0.62	31.6	10	0.89	0.03	2.54	0.03	16.10	10.5	16	0.29	9.7
457885		2.51	0.001	0.02	0.62	10.9	<10	0.96	0.03	1.44	0.02	13.75	9.6	21	0.18	6.2
457886		0.26	<0.001	<0.01	0.06	<0.2	20	0.07	0.01	32.9	<0.02	0.91	1.2	3	0.06	1.6
457887		2.31	<0.001	0.01	0.34	2.0	<10	0.94	0.02	1.48	<0.02	11.45	5.7	18	<0.05	4.0
457888		2.37	<0.001	0.04	0.36	1.1	<10	0.99	0.03	1.95	<0.02	9.55	6.7	14	<0.05	5.9
457889		2.36	<0.001	0.02	0.63	1.3	<10	1.09	0.03	3.51	<0.02	13.30	8.3	19	0.10	7.1
457890		2.51	0.062	0.80	0.46	2.3	10	0.81	0.03	4.19	<0.02	8.54	6.1	15	0.19	6.1

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Finalisée date: 6- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177073

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457871		23.9	4.50	0.17	0.4	0.019	0.192	0.37	9.8	2.7	4.39	4880	0.54	0.12	4.4	5.8
457872		20.7	3.74	0.16	0.6	0.014	0.130	0.32	8.3	2.0	4.15	7470	0.65	0.12	5.2	11.3
457873		16.15	1.93	0.10	0.3	0.016	0.065	0.22	6.6	1.2	3.72	6190	0.45	0.09	3.2	6.2
457874		16.05	1.62	0.06	0.3	0.022	0.023	0.17	5.4	0.9	3.65	3100	0.46	0.08	2.7	5.2
457875		16.35	1.67	0.08	0.3	0.025	0.014	0.18	5.0	0.9	4.38	3030	0.37	0.08	2.6	5.2
457876		22.5	3.86	0.08	0.6	0.033	0.026	0.37	8.5	1.4	5.28	7470	0.53	0.17	5.3	13.0
457877		16.85	2.15	0.08	0.3	0.031	0.021	0.24	5.6	0.8	3.79	3390	0.50	0.11	3.5	8.1
457878		19.90	3.05	0.08	0.5	0.020	0.023	0.28	6.4	1.0	4.53	3530	0.47	0.13	4.2	10.5
457879		5.36	14.90	0.09	2.2	0.160	0.049	1.01	14.9	18.3	3.82	735	5.68	1.15	16.5	243
457880		14.40	2.73	0.07	0.4	0.075	0.015	0.22	4.8	1.0	3.67	3210	0.36	0.10	3.5	8.8
457881		22.4	4.39	0.09	0.6	0.015	0.021	0.15	8.7	3.2	5.28	7220	0.41	0.05	5.4	12.8
457882		17.70	1.96	0.07	0.4	0.048	0.019	0.20	6.0	0.7	3.94	3910	0.35	0.09	3.1	4.7
457883		19.55	2.61	0.08	0.5	0.018	0.015	0.04	7.1	2.8	4.41	7960	0.59	0.01	4.4	18.2
457884		21.4	3.43	0.09	0.5	0.006	0.016	0.03	7.9	2.9	4.39	11600	0.29	0.01	4.9	8.6
457885		19.10	3.17	0.08	0.5	<0.005	0.016	0.01	6.7	1.8	3.01	16500	0.46	0.01	5.2	9.4
457886		0.25	0.18	<0.05	<0.1	<0.005	0.005	0.02	1.0	1.4	1.76	177	<0.05	0.02	0.1	0.2
457887		15.80	1.72	0.07	0.2	<0.005	0.009	<0.01	6.2	1.4	2.43	14300	0.32	<0.01	2.4	5.6
457888		17.20	1.84	0.08	0.2	<0.005	0.011	<0.01	5.2	1.5	2.73	14000	0.32	<0.01	2.5	6.4
457889		19.65	3.19	0.07	0.4	<0.005	0.014	0.02	6.6	2.8	3.57	16350	0.35	<0.01	4.1	8.7
457890		16.35	2.32	0.07	0.4	<0.005	0.014	0.04	4.4	2.7	3.36	13650	0.22	<0.01	3.7	5.7

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Finalisée date: 6- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177073

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457871		610	7.0	10.8	<0.002	1.81	0.90	1.9	1	1.7	5.3	0.19	0.09	0.83	0.065	0.07
457872		470	2.3	9.0	<0.002	0.85	0.74	2.2	<1	1.5	5.1	0.28	<0.05	0.93	0.080	0.05
457873		540	2.1	5.6	<0.002	0.46	0.18	1.2	1	0.8	55.3	0.18	<0.05	0.50	0.052	0.04
457874		410	1.1	4.2	<0.002	0.13	0.13	1.0	1	0.6	48.7	0.14	<0.05	0.41	0.045	0.02
457875		370	1.8	4.4	<0.002	0.15	0.13	1.1	1	0.4	80.8	0.15	<0.05	0.41	0.043	0.02
457876		550	2.6	9.2	<0.002	0.22	0.21	2.6	1	0.8	61.9	0.29	<0.05	0.86	0.104	0.03
457877		430	1.2	6.0	<0.002	0.19	0.15	1.5	1	0.5	43.8	0.19	<0.05	0.53	0.060	0.02
457878		460	1.2	6.5	<0.002	0.13	0.14	2.0	1	0.5	50.3	0.23	<0.05	0.70	0.077	0.02
457879		1070	9.0	36.1	<0.002	0.08	0.75	22.1	1	1.0	269	0.86	0.23	2.16	0.642	0.18
457880		310	4.9	5.4	<0.002	0.11	0.13	1.8	1	0.4	68.2	0.20	0.09	0.61	0.069	0.02
457881		630	2.3	4.5	<0.002	0.22	0.08	3.0	1	0.4	57.6	0.34	<0.05	1.09	0.110	0.06
457882		380	0.9	4.9	<0.002	0.11	0.08	1.2	1	0.3	34.3	0.20	<0.05	0.53	0.062	0.02
457883		470	3.4	1.2	<0.002	0.31	0.09	2.1	1	0.3	67.0	0.31	0.05	0.77	0.094	0.02
457884		600	1.4	1.1	<0.002	0.14	0.10	1.8	1	0.3	40.4	0.29	<0.05	0.74	0.098	0.02
457885		440	0.7	0.3	<0.002	0.09	0.09	2.0	1	0.2	16.5	0.30	0.05	0.67	0.119	<0.02
457886		60	<0.5	0.7	<0.002	<0.01	<0.05	0.2	1	<0.2	82.2	<0.05	<0.05	0.05	0.005	<0.02
457887		480	0.6	<0.1	<0.002	0.05	0.06	1.1	1	<0.2	14.9	0.13	<0.05	0.35	0.053	<0.02
457888		380	1.0	0.1	<0.002	0.10	0.07	1.3	1	0.2	17.4	0.13	<0.05	0.36	0.052	<0.02
457889		490	1.3	0.7	<0.002	0.10	0.09	1.9	1	0.2	30.2	0.24	<0.05	0.62	0.084	<0.02
457890		280	1.4	1.5	<0.002	0.08	0.07	1.4	1	0.3	33.7	0.20	<0.05	0.63	0.079	0.03

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Finalisée date: 6- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177073

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457871		0.7	38	0.2	9.1	32	17.6
457872		0.9	38	0.2	7.3	27	24.6
457873		0.4	27	0.2	7.2	19	13.8
457874		0.2	24	0.2	5.4	24	12.0
457875		0.3	26	0.2	6.2	27	12.1
457876		0.7	50	0.3	7.6	39	26.9
457877		0.4	32	0.3	5.9	24	16.6
457878		0.4	42	0.3	6.6	23	21.5
457879		0.6	138	8.4	14.7	82	95.1
457880		0.4	36	0.4	5.0	17	17.7
457881		0.7	65	0.4	6.4	27	29.7
457882		0.2	27	0.2	4.4	23	16.0
457883		0.5	41	0.3	6.1	20	23.8
457884		0.4	47	0.4	7.3	23	25.6
457885		0.4	55	0.4	7.9	21	25.9
457886		0.2	1	<0.1	2.0	8	1.7
457887		0.2	32	0.3	7.0	14	11.7
457888		0.2	31	0.3	7.5	13	11.7
457889		0.4	50	0.4	9.1	18	19.6
457890		0.4	34	0.4	6.5	16	19.4

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CERTIFICAT D'ANALYSE VO18177073

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 6- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18177105

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 014

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18177105

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457891		2.65	<0.001	0.01	0.48	2.6	10	0.99	0.02	2.98	<0.02	16.10	7.3	15	0.15	4.7
457892		2.48	<0.001	0.01	0.53	21.2	<10	0.90	0.03	2.87	<0.02	12.90	8.8	20	0.05	7.8
457893		2.55	<0.001	0.02	0.66	2.2	10	1.13	0.03	2.28	<0.02	15.10	8.9	17	0.18	9.7
457894		2.56	0.001	0.03	0.97	9.3	<10	1.75	0.04	1.96	<0.02	17.45	11.7	26	0.06	14.3
457895		2.30	<0.001	0.06	0.81	29.8	10	1.16	0.04	2.22	<0.02	15.15	11.0	19	0.10	12.9
457896		2.32	<0.001	0.02	0.50	7.6	10	0.86	0.02	3.81	<0.02	13.85	7.2	14	0.13	5.4
457897		1.63	<0.001	0.27	1.32	2.3	20	0.92	0.03	3.59	0.02	11.60	12.0	37	0.16	15.1
457898		2.37	<0.001	0.01	0.43	8.1	10	1.02	0.03	4.20	<0.02	12.30	6.7	12	0.14	4.9
457899		Not Recvd														
457900		2.66	<0.001	0.03	0.68	27.9	10	1.16	0.03	3.99	0.02	15.10	9.4	16	0.13	6.9
403501		2.54	<0.001	0.02	0.72	4.0	20	0.83	0.03	4.14	0.03	14.65	7.1	21	0.27	7.9
403502		2.54	<0.001	0.02	0.74	3.9	10	1.04	0.03	3.10	0.06	16.55	7.5	22	0.12	9.6
403503		2.54	<0.001	0.02	0.37	6.1	10	0.82	0.02	1.20	0.13	8.44	7.2	17	<0.05	6.3
403504		2.61	0.001	0.04	0.63	5.8	10	0.68	0.04	1.18	0.09	17.10	8.6	26	0.07	10.7
403505		2.26	<0.001	0.06	0.68	4.6	10	0.92	0.02	3.01	0.06	10.10	7.4	23	0.07	6.4
403506		0.27	<0.001	<0.01	0.06	<0.2	10	0.05	0.01	31.4	0.02	0.88	1.2	2	<0.05	1.6
403507		2.46	<0.001	0.03	0.85	9.3	10	0.84	0.02	3.20	0.06	20.5	8.7	18	0.12	9.6
403508		2.33	<0.001	0.02	0.53	10.0	10	0.78	0.03	2.61	0.06	10.15	6.9	13	0.11	11.8
403509		2.46	0.003	0.02	0.74	21.2	10	0.97	0.02	2.64	0.05	12.45	8.5	16	0.15	10.7
403510		2.18	<0.001	0.03	0.37	11.6	<10	0.44	0.03	1.36	0.08	7.16	5.4	14	0.05	9.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177105

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457891		17.50	2.39	0.08	0.4	<0.005	0.013	0.03	8.1	2.7	3.09	15050	0.32	<0.01	3.6	7.5
457892		17.75	2.69	0.09	0.4	<0.005	0.013	0.01	6.3	2.6	2.90	14700	0.36	<0.01	4.1	11.6
457893		19.85	3.39	0.10	0.5	<0.005	0.015	0.03	7.5	3.5	3.25	15900	0.35	<0.01	4.9	8.3
457894		23.2	4.56	0.10	0.7	<0.005	0.022	0.01	8.4	4.4	3.60	18300	0.33	<0.01	6.8	13.5
457895		21.0	3.95	0.10	0.6	<0.005	0.018	0.01	7.2	4.0	3.47	16100	0.35	<0.01	5.4	11.2
457896		18.25	2.63	0.08	0.4	<0.005	0.012	0.02	6.9	3.1	3.50	15050	0.34	<0.01	3.7	6.3
457897		17.00	4.04	0.08	0.5	<0.005	0.019	0.04	5.5	5.3	3.45	12750	0.36	0.20	3.7	20.3
457898		17.30	1.99	0.07	0.3	<0.005	0.012	0.03	6.1	3.0	3.46	13800	0.33	<0.01	2.9	5.6
457899																
457900		19.55	3.37	0.09	0.6	<0.005	0.013	0.02	7.5	3.7	3.84	14650	0.42	<0.01	4.8	8.3
403501		17.50	3.52	0.09	0.6	<0.005	0.016	0.05	7.2	4.5	3.57	13100	0.33	<0.01	5.1	7.2
403502		18.45	3.61	0.08	0.5	<0.005	0.017	0.02	8.3	4.0	3.20	14100	0.50	<0.01	5.0	8.6
403503		16.05	2.12	0.08	0.3	<0.005	0.009	0.01	4.5	2.3	1.94	12250	0.54	<0.01	2.6	8.6
403504		18.50	3.63	0.09	0.6	<0.005	0.016	0.01	8.5	3.5	2.40	14500	0.71	<0.01	5.8	10.5
403505		15.90	3.61	0.08	0.4	<0.005	0.014	0.01	5.2	3.7	2.63	12850	0.43	<0.01	4.1	8.8
403506		0.23	0.23	<0.05	<0.1	<0.005	0.005	0.01	1.0	1.1	1.50	175	<0.05	0.03	0.1	0.5
403507		23.5	4.25	0.10	0.7	0.005	0.019	0.02	11.2	4.3	3.59	21300	0.57	<0.01	7.2	9.6
403508		17.65	2.50	0.08	0.4	<0.005	0.013	0.02	5.4	3.1	2.57	16000	0.34	<0.01	4.5	7.7
403509		18.40	3.82	0.09	0.6	<0.005	0.015	0.03	6.1	4.2	2.70	17700	0.36	0.01	5.8	12.3
403510		12.60	2.06	0.06	0.2	<0.005	0.009	0.01	3.8	2.4	1.64	11550	1.02	<0.01	2.6	10.5

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plus les pages d'annexe
Finalisée date: 6- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177105

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457891		690	1.2	1.1	<0.002	0.06	0.07	1.4	1	0.2	23.8	0.21	<0.05	0.64	0.079	0.02
457892		390	1.3	0.3	<0.002	0.10	0.07	1.7	1	0.2	22.3	0.23	0.05	0.59	0.090	<0.02
457893		500	1.3	1.2	<0.002	0.13	0.08	2.1	1	0.3	19.1	0.28	<0.05	0.65	0.107	0.02
457894		550	1.7	0.3	<0.002	0.24	0.09	3.1	1	0.3	16.2	0.40	0.06	1.00	0.141	<0.02
457895		430	2.8	0.6	<0.002	0.22	0.09	2.6	1	0.3	17.1	0.32	0.07	0.93	0.110	<0.02
457896		490	1.5	0.9	<0.002	0.09	0.07	1.4	1	0.3	25.3	0.20	<0.05	0.64	0.082	<0.02
457897		420	2.2	1.4	<0.002	0.11	0.08	6.2	1	0.3	32.9	0.21	<0.05	0.57	0.162	0.02
457898		490	1.9	1.1	<0.002	0.08	0.06	1.3	1	0.2	26.9	0.16	0.05	0.52	0.063	<0.02
457899																
457900		510	1.8	1.0	<0.002	0.12	0.07	1.9	1	0.2	25.6	0.28	0.07	0.92	0.106	0.02
403501		480	2.5	2.1	<0.002	0.15	0.07	2.2	1	0.4	27.6	0.30	<0.05	0.88	0.108	0.03
403502		540	3.5	0.9	<0.002	0.15	0.08	2.5	1	0.3	21.8	0.28	<0.05	0.75	0.109	0.02
403503		320	2.6	0.3	<0.002	0.10	0.06	1.3	1	<0.2	7.9	0.15	<0.05	0.41	0.056	<0.02
403504		430	2.7	0.6	<0.002	0.18	0.08	2.2	1	0.2	8.6	0.34	0.05	0.85	0.124	<0.02
403505		420	3.1	0.6	<0.002	0.09	0.06	2.0	1	0.2	20.8	0.22	<0.05	0.67	0.074	<0.02
403506		50	<0.5	0.5	<0.002	<0.01	0.05	0.3	1	<0.2	75.6	<0.05	<0.05	0.05	0.005	<0.02
403507		720	2.2	0.9	<0.002	0.15	0.08	2.8	1	0.3	21.3	0.43	<0.05	0.91	0.167	<0.02
403508		530	2.3	0.9	<0.002	0.18	0.06	1.7	1	0.3	18.2	0.26	0.05	0.55	0.100	0.02
403509		530	2.3	1.2	<0.002	0.16	0.08	2.4	1	0.4	18.2	0.35	0.10	0.71	0.132	0.02
403510		280	7.5	0.4	0.002	0.08	0.07	1.2	1	0.2	8.9	0.15	<0.05	0.35	0.057	<0.02

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QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177105

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457891		0.4	34	0.4	8.5	15	19.0
457892		0.4	43	0.4	7.2	13	19.7
457893		0.4	54	0.4	8.4	17	23.5
457894		0.7	79	0.6	9.2	22	33.8
457895		0.6	60	0.6	7.1	19	28.3
457896		0.3	34	0.4	6.0	10	19.3
457897		0.3	72	1.8	7.2	21	21.1
457898		0.2	30	0.3	5.5	9	15.0
457899							
457900		0.5	44	0.3	6.1	10	28.9
403501		0.5	50	0.4	6.0	17	27.6
403502		0.6	62	0.4	6.1	32	26.0
403503		0.3	34	0.2	4.2	55	13.6
403504		0.6	55	0.4	5.5	43	30.1
403505		0.4	54	0.4	4.8	28	20.0
403506		0.1	1	0.1	1.9	4	1.7
403507		0.6	87	0.6	7.8	34	35.1
403508		0.4	53	0.3	5.5	32	20.3
403509		0.4	75	0.4	5.8	32	26.0
403510		0.2	36	0.2	3.5	28	11.0

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CERTIFICAT D'ANALYSE VO18177105

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
11- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18177109

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 015

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

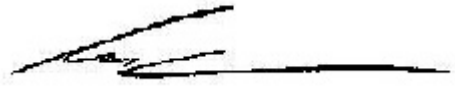
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18177109

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403511		2.41	0.001	0.03	0.54	7.9	10	1.04	0.03	1.27	0.08	10.25	6.9	22	0.06	10.4
403512		2.59	<0.001	0.04	0.84	14.6	20	1.11	0.04	0.93	0.18	16.20	11.2	21	0.24	19.5
403513		2.59	<0.001	0.04	0.35	3.8	10	1.03	0.02	1.87	0.13	9.45	6.7	14	0.09	11.6
403514		2.41	<0.001	0.07	0.37	3.7	10	0.68	0.05	7.66	0.15	9.39	8.6	11	0.24	61.5
403515		2.60	<0.001	0.02	0.23	1.3	10	0.63	0.03	7.17	0.08	5.86	4.8	8	0.19	33.7
403516		2.54	<0.001	0.01	0.33	0.5	10	0.67	0.02	6.31	0.07	8.14	5.1	11	0.16	14.2
403517		2.56	<0.001	0.01	0.30	0.8	<10	0.78	0.02	4.16	0.05	8.33	4.9	12	0.06	5.9
403518		2.66	<0.001	0.02	0.39	0.5	10	0.89	0.02	4.57	0.07	10.65	5.4	16	<0.05	4.4
403519		0.07	2.59	0.43	6.68	11.8	310	1.23	0.16	4.64	0.09	43.5	53.6	318	0.64	80.9
403520		2.44	<0.001	0.02	0.32	5.5	10	0.80	0.03	4.07	0.05	8.87	5.9	12	1.22	5.7
403521		2.44	<0.001	0.01	0.29	1.4	20	0.70	0.02	5.65	0.08	7.71	4.2	12	2.46	2.0
403522		2.57	<0.001	0.01	0.71	8.6	40	0.88	0.03	3.06	0.08	14.75	8.8	18	5.16	6.8
403523		2.58	0.001	0.03	0.55	1.3	30	0.86	0.03	3.39	0.12	11.50	7.3	15	4.23	6.7
403524		2.55	0.008	0.02	0.63	0.8	30	0.60	0.02	3.97	0.11	13.65	7.9	19	4.15	11.2
403525		2.50	0.020	0.01	0.28	1.9	10	0.45	0.02	3.91	0.10	6.93	5.7	12	1.76	8.4
403526		<0.02	0.001	0.02	0.06	0.4	20	0.05	0.02	35.6	0.02	1.09	0.8	3	<0.05	4.3
403527		2.64	<0.001	0.01	0.70	0.2	30	0.80	0.02	6.53	0.14	15.75	7.6	13	3.66	9.8
403528		2.46	0.032	0.13	0.39	1.6	20	0.48	0.02	1.36	0.09	8.06	6.2	22	2.16	14.3
403529		2.38	0.028	0.03	0.49	0.5	20	0.49	0.02	1.12	0.06	9.29	5.8	24	3.07	14.6
403530		2.63	<0.001	0.01	0.78	2.0	20	0.42	0.02	3.50	0.11	12.45	9.3	17	3.01	10.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18177109

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403511		16.60	3.30	0.07	0.5	<0.005	0.015	0.01	5.4	3.3	2.02	14550	0.57	<0.01	4.2	9.1
403512		21.8	5.03	0.09	0.7	0.005	0.019	0.04	7.7	5.6	2.45	19400	0.56	<0.01	6.4	12.5
403513		18.80	1.82	0.09	0.3	<0.005	0.007	0.01	5.0	2.4	2.26	16000	0.79	<0.01	2.4	5.5
403514		15.85	1.48	0.08	0.3	0.009	0.012	0.04	5.3	3.3	4.33	11200	1.18	<0.01	2.4	7.1
403515		13.45	0.91	0.05	0.2	<0.005	<0.005	0.04	3.2	2.2	3.91	9620	0.51	<0.01	1.8	5.6
403516		16.45	1.26	0.07	0.2	<0.005	0.005	0.03	4.4	2.2	3.91	12600	0.51	<0.01	2.0	4.7
403517		16.20	1.18	0.05	0.2	<0.005	0.005	0.01	4.5	1.8	3.23	11300	0.63	<0.01	2.1	4.9
403518		18.55	1.66	0.08	0.3	<0.005	0.008	<0.01	5.6	1.7	3.70	13000	0.56	<0.01	2.8	5.4
403519		7.19	17.50	0.12	3.2	0.057	0.058	0.95	21.2	9.7	5.31	1040	2.86	1.94	29.0	350
403520		16.50	1.37	0.07	0.2	0.006	0.006	0.06	4.8	1.2	3.30	12000	0.39	0.03	2.4	5.7
403521		15.80	1.24	0.07	0.2	<0.005	0.007	0.11	4.1	1.0	3.66	11900	0.28	0.05	1.9	4.0
403522		19.35	3.29	0.09	0.5	0.019	0.016	0.23	7.3	1.6	3.31	14450	0.58	0.09	4.6	10.5
403523		21.0	2.84	0.10	0.4	0.016	0.012	0.18	6.0	1.5	3.42	17550	0.65	0.08	3.9	8.7
403524		19.15	3.12	0.09	0.5	0.017	0.014	0.18	6.6	1.6	3.44	15950	1.02	0.08	4.5	8.9
403525		12.65	1.43	0.05	0.2	0.012	0.006	0.08	3.5	0.9	2.57	12250	0.48	0.03	2.3	4.7
403526		0.10	0.26	<0.05	<0.1	<0.005	<0.005	0.01	1.3	1.0	1.33	84	0.62	0.03	0.1	2.7
403527		20.4	3.66	0.09	0.5	0.018	0.015	0.16	7.7	1.9	4.38	18650	0.52	0.07	4.9	7.5
403528		14.75	1.83	0.07	0.3	0.031	0.010	0.10	4.2	1.0	2.10	14650	0.35	0.05	2.4	7.3
403529		13.50	2.23	0.07	0.4	0.012	0.013	0.13	4.9	1.0	1.97	12700	0.41	0.06	3.6	6.8
403530		16.80	4.05	0.08	0.6	0.018	0.014	0.13	6.4	2.0	3.50	15350	0.77	0.06	5.3	10.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177109

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403511		410	2.9	0.4	<0.002	0.15	0.07	1.9	1	0.2	8.9	0.27	0.06	0.60	0.099	<0.02
403512		570	2.4	2.1	<0.002	0.25	0.09	2.8	1	0.4	7.0	0.40	0.06	0.89	0.151	0.03
403513		420	1.9	0.8	<0.002	0.09	0.07	1.2	1	0.2	9.8	0.14	0.05	0.35	0.052	<0.02
403514		470	5.2	2.2	<0.002	0.20	0.05	1.1	2	0.3	44.5	0.14	0.09	0.34	0.050	0.02
403515		260	3.1	1.7	<0.002	0.18	0.05	0.8	2	0.2	42.1	0.10	<0.05	0.23	0.036	0.02
403516		370	2.5	1.3	<0.002	0.08	0.05	1.0	1	0.2	36.5	0.11	<0.05	0.30	0.042	<0.02
403517		370	2.1	0.5	<0.002	0.07	0.05	0.9	1	<0.2	26.9	0.11	<0.05	0.29	0.043	<0.02
403518		450	1.9	0.1	<0.002	0.05	0.07	1.3	<1	<0.2	32.6	0.15	<0.05	0.40	0.057	<0.02
403519		1810	4.7	30.6	<0.002	0.03	0.33	22.8	1	1.3	469	1.59	0.08	2.46	1.015	0.06
403520		390	2.0	1.7	<0.002	0.07	0.09	1.0	1	<0.2	35.5	0.12	<0.05	0.33	0.048	<0.02
403521		380	2.2	3.3	<0.002	0.02	0.10	1.0	1	<0.2	54.0	0.11	<0.05	0.28	0.039	<0.02
403522		520	1.6	6.7	<0.002	0.09	0.15	2.2	1	0.3	32.2	0.27	<0.05	0.67	0.104	<0.02
403523		450	1.8	5.4	<0.002	0.08	0.11	1.9	1	0.2	32.9	0.23	<0.05	0.54	0.085	<0.02
403524		420	1.9	5.2	<0.002	0.11	0.10	2.1	1	0.2	40.8	0.27	<0.05	0.66	0.101	<0.02
403525		280	1.5	2.2	<0.002	0.09	0.06	0.9	1	<0.2	33.3	0.13	<0.05	0.28	0.047	<0.02
403526		50	2.7	0.3	0.002	0.01	0.09	0.2	1	<0.2	84.2	<0.05	<0.05	0.08	0.006	<0.02
403527		590	2.2	4.6	<0.002	0.09	0.10	2.4	1	0.2	61.5	0.30	<0.05	0.71	0.112	<0.02
403528		360	1.1	2.9	<0.002	0.19	0.14	1.3	1	<0.2	13.2	0.13	<0.05	0.36	0.054	0.02
403529		360	0.9	3.8	<0.002	0.17	0.10	1.6	1	0.2	11.5	0.21	<0.05	0.55	0.068	<0.02
403530		530	1.9	3.9	<0.002	0.10	0.16	2.4	1	0.2	34.2	0.28	<0.05	0.85	0.094	<0.02

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CERTIFICAT D'ANALYSE VO18177109

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403511		0.4	55	0.3	5.1	40	21.1
403512		0.6	82	0.4	7.2	73	31.9
403513		0.2	29	0.2	6.3	51	11.6
403514		0.2	27	0.3	6.2	67	12.2
403515		0.1	19	0.2	4.5	40	7.7
403516		0.1	24	0.3	5.7	30	9.2
403517		0.1	23	0.2	6.3	21	9.7
403518		0.2	32	0.3	7.2	23	13.4
403519		0.6	141	3.2	20.9	102	140.0
403520		0.2	25	0.2	6.2	17	11.0
403521		0.2	24	0.2	5.9	15	8.7
403522		0.4	61	0.8	7.6	34	22.5
403523		0.4	55	0.4	7.6	38	18.7
403524		0.4	59	0.4	6.8	37	22.4
403525		0.2	28	0.2	4.3	22	10.3
403526		0.3	1	0.1	2.1	6	1.8
403527		0.4	70	0.4	8.9	41	25.4
403528		0.2	35	0.2	5.1	25	11.7
403529		0.3	45	0.2	4.6	21	17.8
403530		0.4	66	0.2	5.4	31	28.9

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CERTIFICAT D'ANALYSE VO18177109

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Bon de commande #: KANDH18- PRIORITY- 016

Ce rapport s'applique aux 14 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

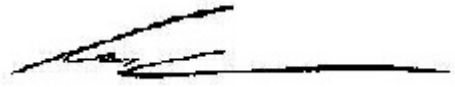
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403531		2.25	<0.001	0.02	0.80	2.5	40	0.47	0.03	6.23	0.18	11.30	7.7	17	5.38	13.0
403532		2.34	0.004	0.05	0.78	2.2	40	0.46	0.07	3.54	0.16	13.95	11.9	21	6.10	90.5
403533		2.26	<0.001	0.02	0.45	0.2	40	0.53	0.04	2.71	0.22	13.50	7.1	11	5.29	24.6
403534		2.27	<0.001	0.03	0.76	0.7	50	0.48	0.08	5.10	0.25	15.20	12.7	16	7.73	81.5
403535		2.47	0.006	0.85	0.44	1.0	40	0.34	0.03	6.64	0.25	11.15	5.9	11	4.43	18.0
403536		2.38	0.043	0.02	0.53	1.1	40	0.35	0.04	5.28	0.25	9.82	6.9	15	4.78	31.2
403537		2.57	0.050	0.03	0.83	1.1	30	0.33	0.04	2.98	0.25	11.00	8.2	22	4.48	39.5
403538		2.48	0.003	0.01	0.61	0.8	40	0.45	0.03	2.45	0.24	9.05	7.8	20	5.55	31.1
403539		0.06	7.73	1.26	6.17	31.3	320	0.96	0.48	3.03	0.09	31.6	40.3	322	0.68	109.0
403540		2.47	0.224	0.04	0.96	0.2	50	0.41	0.04	3.30	0.33	10.45	8.2	30	7.84	50.8
403541		2.71	2.68	0.64	1.40	0.9	50	0.55	0.07	4.84	0.30	18.85	11.6	23	7.43	76.8
403542		2.40	0.027	0.01	0.85	0.5	70	0.45	0.03	3.09	0.21	11.70	8.3	16	5.51	38.4
403543		2.30	0.005	0.01	0.56	0.4	20	0.24	0.01	3.71	0.16	8.89	5.6	16	1.99	11.2
403544		2.45	<0.001	0.03	2.61	0.3	40	0.49	0.06	3.21	0.17	31.2	18.4	77	3.88	43.5

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Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403531		16.55	3.70	0.08	0.5	0.019	0.023	0.24	5.8	1.8	4.24	11650	0.75	0.11	4.7	10.1
403532		18.15	3.84	0.08	0.5	0.031	0.023	0.27	6.7	1.4	3.89	8840	0.61	0.11	4.7	12.2
403533		19.50	2.22	0.10	0.4	0.034	0.018	0.24	6.4	1.3	4.40	9340	0.20	0.10	4.5	5.4
403534		21.5	3.63	0.09	0.5	0.067	0.023	0.34	7.2	1.6	5.06	10250	0.28	0.15	4.8	11.8
403535		16.35	2.12	0.07	0.3	0.020	0.016	0.20	5.7	1.3	4.61	9900	0.37	0.09	3.3	7.6
403536		16.25	2.62	0.08	0.3	0.032	0.015	0.22	4.9	1.2	4.22	10200	0.40	0.10	2.8	10.0
403537		17.90	4.40	0.08	0.5	0.051	0.016	0.21	5.7	1.6	3.85	12750	0.35	0.09	3.9	11.3
403538		18.10	3.08	0.07	0.4	0.029	0.017	0.26	4.7	1.2	3.95	10200	0.40	0.11	3.1	11.3
403539		5.60	14.80	0.07	2.4	0.186	0.047	1.07	16.3	14.9	4.16	740	6.22	1.19	15.2	249
403540		18.85	4.67	0.08	0.5	0.034	0.027	0.36	5.4	1.6	4.08	11200	0.31	0.15	4.3	11.9
403541		21.0	5.97	0.10	0.7	0.191	0.032	0.34	9.0	2.7	4.41	19900	0.42	0.14	6.0	16.0
403542		16.65	3.81	0.08	0.5	0.026	0.022	0.27	5.8	1.7	3.33	18200	0.31	0.11	3.8	12.1
403543		10.55	2.46	0.06	0.3	0.011	0.013	0.10	4.5	1.6	2.36	12600	0.42	0.04	2.7	10.7
403544		13.90	7.82	0.10	1.2	0.016	0.032	0.23	14.6	6.7	3.30	8300	1.26	0.07	8.4	45.9

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Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403531		500	3.2	6.9	<0.002	0.13	0.21	2.8	1	0.2	74.6	0.27	<0.05	0.79	0.090	<0.02
403532		510	2.3	7.7	<0.002	0.73	0.27	2.6	2	0.2	45.6	0.25	0.09	0.80	0.101	0.02
403533		450	1.5	6.8	<0.002	0.27	1.29	1.6	1	0.3	42.3	0.24	<0.05	0.52	0.086	0.02
403534		580	2.9	10.1	<0.002	0.82	0.88	2.1	2	0.2	77.4	0.27	0.07	0.70	0.091	0.03
403535		380	3.4	5.8	<0.002	0.17	0.69	1.7	1	0.2	82.0	0.17	<0.05	0.49	0.062	<0.02
403536		360	2.5	6.3	<0.002	0.30	0.35	1.7	1	0.2	69.8	0.17	<0.05	0.49	0.056	<0.02
403537		500	1.8	5.9	<0.002	0.37	0.52	2.7	1	0.2	47.0	0.23	<0.05	0.68	0.088	<0.02
403538		440	1.7	7.4	<0.002	0.28	0.75	2.1	1	0.2	41.6	0.17	<0.05	0.52	0.070	0.02
403539		1130	9.9	38.0	<0.002	0.08	0.79	20.3	1	1.0	281	0.89	0.24	2.45	0.684	0.19
403540		530	2.4	10.5	<0.002	0.36	0.44	3.5	1	0.2	57.8	0.25	<0.05	0.66	0.101	0.02
403541		550	2.6	10.4	0.002	0.61	0.42	4.1	2	0.3	68.2	0.34	0.07	1.26	0.124	0.02
403542		450	1.7	8.4	<0.002	0.30	0.28	2.4	1	0.2	46.3	0.22	<0.05	0.80	0.073	0.03
403543		430	1.4	3.6	<0.002	0.09	0.15	1.6	1	0.2	54.9	0.14	<0.05	0.60	0.045	<0.02
403544		650	2.3	8.8	<0.002	0.39	0.12	9.6	1	0.4	77.8	0.56	0.06	2.51	0.271	0.03

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Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403531		0.4	73	0.2	6.5	36	23.3
403532		0.6	67	0.2	5.6	44	26.2
403533		0.2	39	0.1	5.5	82	20.5
403534		0.4	60	0.2	6.6	85	23.7
403535		0.2	38	0.2	5.6	54	15.7
403536		0.4	44	0.2	5.0	52	15.9
403537		0.4	73	0.2	4.9	58	21.8
403538		0.4	56	0.2	4.5	64	16.8
403539		0.6	147	9.1	15.4	83	98.0
403540		0.6	79	0.1	5.3	64	25.6
403541		1.0	113	0.2	6.3	63	35.6
403542		0.5	69	0.1	4.7	51	21.5
403543		0.7	39	0.1	4.2	28	12.8
403544		1.5	92	0.3	6.6	84	53.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
11- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177120

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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Finalisée date:
10- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18177129

Projet: Kan

Bon de commande #: KANDH18- 049

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

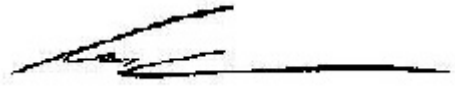
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
10- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177129

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456961		4.40	<0.001	0.18	9.48	1.0	510	2.34	0.17	0.32	0.04	71.7	13.7	97	3.78	40.8
456962		4.81	<0.001	0.07	7.98	0.3	430	1.78	0.08	0.17	<0.02	54.4	9.7	74	3.16	42.1
456963		4.34	<0.001	0.05	9.93	<0.2	510	2.14	0.17	0.11	0.02	76.8	12.9	90	3.74	39.4
456964		4.56	<0.001	0.10	8.30	0.2	480	1.89	0.22	0.25	0.04	57.5	9.5	76	3.63	20.0
456965		4.34	<0.001	0.03	8.78	<0.2	450	2.27	0.15	0.21	0.08	55.0	10.9	87	8.03	26.3
456966		4.54	<0.001	0.12	8.65	0.7	490	2.17	0.44	0.54	0.13	43.5	17.2	133	6.16	38.6
456967		4.73	<0.001	0.10	7.43	4.1	470	1.55	0.29	0.55	0.07	57.0	21.8	91	6.10	32.2
456968		3.68	<0.001	0.11	6.80	0.4	510	1.59	0.29	0.31	0.09	53.6	17.1	66	7.15	27.8
456969		0.07	2.51	0.46	7.01	11.6	330	1.16	0.17	4.87	0.07	43.3	53.3	323	0.69	83.2
456970		3.45	<0.001	0.04	4.93	<0.2	200	1.27	0.09	0.36	0.06	22.4	22.7	76	4.88	30.7
456971		3.21	<0.001	0.04	1.29	2.3	20	0.72	0.04	2.56	0.07	18.20	10.4	47	1.00	23.1
456972		3.17	<0.001	0.02	0.92	0.3	<10	0.69	0.04	3.36	0.04	10.95	7.9	21	0.09	13.1
456973		4.56	0.009	0.45	5.99	6.8	130	1.13	0.69	0.77	0.30	20.0	39.4	143	1.25	201
456974		4.39	<0.001	0.03	6.68	<0.2	330	1.33	0.07	0.62	0.07	51.9	19.6	66	2.93	60.5
456975		4.52	<0.001	0.04	7.25	<0.2	510	1.57	0.11	0.80	0.07	52.9	15.5	73	6.60	37.8
456976		0.22	<0.001	<0.01	0.09	<0.2	10	0.05	<0.01	32.6	<0.02	1.21	0.8	2	<0.05	1.4
456977		4.79	<0.001	0.04	7.10	0.2	430	1.51	0.09	1.04	0.12	52.5	14.7	75	6.27	67.9
456978		4.55	<0.001	0.06	7.49	<0.2	390	1.64	0.11	0.76	0.13	59.6	16.8	76	5.81	23.8
456979		4.74	<0.001	0.04	8.56	4.9	540	1.85	0.08	0.62	0.08	58.5	14.7	88	3.75	35.9
456980		4.38	<0.001	0.03	7.00	0.4	430	1.54	0.07	0.33	0.13	62.5	7.0	66	2.36	31.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
10- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177129

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456961		6.83	26.3	0.18	2.5	<0.005	0.057	4.53	36.5	39.9	1.61	672	0.67	0.29	8.7	41.6
456962		5.19	22.1	0.10	2.0	0.006	0.048	4.02	28.3	30.6	1.24	539	0.73	0.11	7.8	29.3
456963		4.45	28.2	0.13	2.7	<0.005	0.055	5.39	39.4	37.8	1.12	346	1.34	0.08	9.4	34.8
456964		3.55	23.6	0.12	3.2	<0.005	0.052	4.77	29.3	31.8	0.94	433	0.64	0.12	8.9	28.6
456965		5.64	23.9	0.11	2.1	0.005	0.053	5.14	29.2	40.0	1.14	405	0.31	0.13	7.6	29.4
456966		6.52	24.9	0.12	2.2	<0.005	0.050	4.85	20.7	44.3	1.89	1250	1.52	0.09	7.1	49.0
456967		7.30	21.1	0.12	2.3	<0.005	0.028	3.69	28.5	35.2	1.65	2620	3.35	0.52	7.4	44.6
456968		10.90	18.00	0.10	2.3	<0.005	0.036	3.30	26.1	34.8	1.98	8690	0.74	0.16	7.7	29.5
456969		7.63	18.75	0.11	3.4	0.055	0.060	1.02	21.6	8.9	5.60	1060	3.20	2.04	29.7	355
456970		13.25	14.65	0.08	1.8	<0.005	0.041	1.65	9.7	34.2	2.89	6190	1.02	0.02	5.9	35.4
456971		9.76	4.84	<0.05	0.7	<0.005	0.016	0.25	9.0	6.9	2.17	7900	1.35	<0.01	6.9	27.4
456972		14.40	3.97	0.05	0.4	<0.005	0.023	0.02	5.7	3.0	3.27	9100	0.68	<0.01	3.7	13.1
456973		14.60	22.2	0.08	2.4	0.016	0.132	0.61	8.7	45.8	4.31	4430	0.62	0.22	6.3	62.4
456974		11.35	18.05	0.09	2.3	0.007	0.045	1.51	25.1	31.1	2.17	5170	0.70	0.52	7.5	30.9
456975		8.97	18.75	0.10	2.3	0.005	0.036	2.96	25.9	32.8	1.64	4460	0.61	0.50	7.8	29.5
456976		0.17	0.33	<0.05	<0.1	<0.005	<0.005	0.02	1.3	1.4	1.65	108	0.16	0.03	0.1	0.4
456977		8.89	17.90	0.07	2.3	0.006	0.047	2.93	25.8	28.8	1.67	4720	0.65	0.37	7.9	28.7
456978		8.78	19.05	0.08	2.5	<0.005	0.039	3.27	29.1	30.2	1.44	6210	0.78	0.08	8.4	31.3
456979		5.14	24.1	0.12	2.6	0.005	0.050	4.61	29.1	31.6	1.38	1020	0.62	0.11	8.5	35.1
456980		2.97	19.05	0.12	2.0	<0.005	0.040	3.64	33.0	22.0	0.82	458	0.61	0.06	6.7	25.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
10- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177129

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456961		240	6.6	139.5	0.002	0.53	0.19	13.2	2	1.9	29.0	0.68	0.22	13.25	0.317	0.81
456962		170	7.8	132.5	0.002	0.42	0.14	9.4	1	1.5	21.4	0.55	0.05	11.00	0.258	0.64
456963		200	7.7	183.0	0.002	0.51	0.28	12.8	1	1.9	23.5	0.69	<0.05	14.90	0.330	0.74
456964		180	20.3	163.5	<0.002	0.18	0.20	10.4	1	1.7	27.7	0.65	0.05	12.60	0.291	0.68
456965		210	8.2	196.0	0.003	0.13	0.20	11.7	1	1.6	21.8	0.59	0.06	12.10	0.253	1.00
456966		290	18.5	132.5	0.004	0.14	0.28	22.4	1	1.4	46.4	0.53	0.20	7.34	0.443	0.83
456967		330	14.8	122.5	0.005	0.42	0.30	11.2	2	0.9	51.9	0.57	0.06	8.94	0.260	0.63
456968		270	15.7	108.5	<0.002	0.24	0.20	9.7	1	1.3	22.4	0.56	<0.05	8.23	0.251	0.60
456969		1870	5.2	32.2	<0.002	0.03	0.34	21.3	1	1.4	489	1.65	0.08	2.77	1.065	0.06
456970		370	3.8	36.8	<0.002	0.32	0.13	13.1	1	1.0	21.1	0.40	<0.05	3.29	0.283	0.42
456971		350	1.9	10.3	<0.002	0.28	0.07	2.9	1	0.4	53.7	0.38	<0.05	1.78	0.123	0.07
456972		360	2.5	0.6	<0.002	0.21	0.09	2.3	1	0.2	32.5	0.20	0.05	1.11	0.067	<0.02
456973		420	33.4	11.0	0.002	0.13	0.11	19.0	1	1.0	27.6	0.42	0.69	1.94	0.703	0.18
456974		300	4.0	51.2	<0.002	0.41	0.11	9.8	1	1.2	34.4	0.53	0.05	7.69	0.243	0.34
456975		250	7.6	119.5	<0.002	0.23	0.15	10.4	1	1.3	38.8	0.57	<0.05	8.17	0.258	0.76
456976		60	0.5	0.6	<0.002	0.01	0.05	0.3	1	<0.2	80.1	<0.05	<0.05	0.10	0.007	<0.02
456977		230	5.0	116.0	<0.002	0.37	0.15	10.3	1	1.4	38.5	0.56	<0.05	8.39	0.255	0.68
456978		300	4.6	129.5	<0.002	0.28	0.17	10.8	1	1.4	33.7	0.63	<0.05	9.44	0.276	0.69
456979		300	6.7	135.5	<0.002	0.27	0.18	14.0	1	1.6	27.2	0.64	<0.05	11.95	0.336	0.58
456980		180	4.0	117.5	<0.002	0.20	0.15	8.3	1	1.4	22.5	0.48	<0.05	10.60	0.232	0.39

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date:
10- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18177129

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456961		2.2	89	1.7	7.0	88	88.3
456962		1.6	67	1.3	4.7	100	67.8
456963		2.8	101	1.2	7.6	76	94.0
456964		1.9	62	1.4	6.2	61	114.5
456965		1.8	98	1.3	5.9	97	73.6
456966		1.3	216	1.7	5.3	105	77.8
456967		3.2	131	1.2	6.7	103	81.7
456968		1.7	70	1.6	5.4	95	84.2
456969		0.6	150	3.3	20.3	106	145.0
456970		1.0	112	0.6	3.1	100	69.7
456971		1.1	40	0.2	4.3	37	31.3
456972		1.0	68	0.2	4.9	23	20.1
456973		0.7	295	0.6	4.2	247	87.8
456974		1.7	73	1.1	5.7	125	85.8
456975		1.8	75	1.4	6.4	81	85.8
456976		0.2	2	<0.1	2.5	4	1.7
456977		1.8	80	1.1	5.8	92	84.1
456978		2.0	85	1.3	6.5	99	94.2
456979		1.6	96	1.4	5.2	82	93.9
456980		1.6	53	1.2	4.5	55	69.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
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Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18177129

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
16- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18184015

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 020

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Projet: Kan

CERTIFICAT D'ANALYSE VO18184015

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403591		2.36	<0.001	0.02	0.34	0.3	30	0.41	0.02	10.60	0.02	7.34	3.0	10	0.30	5.7
403592		2.41	<0.001	0.01	0.23	0.4	10	0.30	0.01	10.00	<0.02	6.35	3.2	10	0.38	2.6
403593		2.25	<0.001	0.01	0.27	0.2	10	0.42	0.01	8.58	<0.02	6.46	3.7	11	0.43	3.6
403594		2.31	<0.001	0.01	0.26	0.7	10	0.27	0.01	5.83	0.03	8.14	4.3	11	0.37	3.8
403595		2.07	<0.001	0.01	0.28	0.4	10	0.19	0.01	4.49	0.03	6.62	2.8	14	0.37	3.3
403596		2.11	<0.001	0.05	0.45	0.2	10	0.24	0.01	2.26	0.02	8.04	6.3	17	0.50	7.9
403597		2.52	0.170	0.04	1.39	0.5	10	0.61	0.04	1.73	0.02	25.4	11.4	37	0.54	19.9
403598		2.24	<0.001	0.02	0.40	1.5	10	0.45	0.02	1.55	0.02	8.66	5.5	16	0.27	5.5
403599		0.07	7.67	1.19	5.82	31.0	300	0.75	0.47	2.82	0.07	29.3	36.4	310	0.65	99.8
403600		2.09	<0.001	0.02	0.61	1.2	<10	1.03	0.02	1.34	<0.02	14.95	7.4	25	0.23	9.0
403601		2.18	0.003	0.14	0.58	0.7	<10	0.40	0.03	1.77	0.03	14.00	7.0	18	0.08	13.3
403602		1.88	<0.001	0.03	0.44	1.8	<10	0.33	0.05	15.15	0.06	7.56	8.2	10	<0.05	16.4
403603		2.85	0.001	0.05	0.95	8.2	10	0.31	0.05	9.63	0.16	15.45	14.2	18	0.42	20.0
403604		2.14	<0.001	0.02	0.79	3.3	10	0.30	0.01	8.63	0.14	9.53	7.8	15	0.60	7.3
403605		2.12	<0.001	0.01	0.45	1.0	10	0.24	<0.01	11.20	0.15	5.01	3.1	11	0.25	0.5
403606		0.25	<0.001	<0.01	0.06	<0.2	20	0.08	0.01	35.6	<0.02	1.18	0.5	3	<0.05	0.7
403607		2.20	<0.001	0.01	0.32	1.6	<10	0.26	<0.01	16.55	0.13	6.16	3.2	8	0.16	1.5
403608		2.32	<0.001	0.02	0.88	1.1	10	0.30	0.01	6.76	0.10	13.20	5.6	22	0.45	10.0
403609		2.31	<0.001	0.04	0.68	0.4	10	0.37	0.02	1.34	0.02	11.90	7.3	18	0.39	7.9
403610		2.46	<0.001	0.01	0.46	2.3	30	9.36	0.02	1.02	0.02	11.95	7.1	11	0.73	4.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
16- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184015

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403591		11.35	1.06	<0.05	0.2	<0.005	0.008	0.14	4.1	1.2	5.28	7730	1.12	0.01	1.9	6.3
403592		10.60	0.74	<0.05	0.2	<0.005	0.006	0.06	3.5	1.3	4.92	7180	1.23	<0.01	1.5	3.8
403593		12.40	0.76	0.05	0.2	<0.005	0.005	0.07	3.6	1.3	4.64	8340	0.80	<0.01	1.5	4.4
403594		11.50	0.98	0.05	0.2	<0.005	0.010	0.05	4.5	1.3	3.40	7690	0.94	<0.01	2.1	4.8
403595		12.15	0.87	<0.05	0.2	<0.005	0.006	0.07	3.8	1.4	2.83	9390	0.67	<0.01	1.4	4.1
403596		15.65	1.55	0.05	0.3	<0.005	0.011	0.07	4.4	1.6	2.74	10600	0.75	<0.01	2.7	8.0
403597		24.1	4.92	0.07	1.0	0.011	0.025	0.07	14.3	3.4	3.45	14100	1.70	<0.01	8.9	17.4
403598		14.10	1.56	0.05	0.3	<0.005	0.010	0.04	4.6	1.5	2.14	9380	0.62	<0.01	2.4	7.5
403599		5.28	13.90	0.05	2.3	0.169	0.040	1.00	14.7	11.3	3.81	739	5.47	1.14	14.6	237
403600		17.75	2.61	0.07	0.5	<0.005	0.015	0.03	8.2	2.2	2.64	13700	0.71	<0.01	4.2	9.0
403601		18.30	2.28	0.07	0.5	<0.005	0.015	0.01	7.5	1.7	2.83	16150	1.00	<0.01	4.4	7.9
403602		13.80	1.63	0.05	0.4	0.006	0.010	0.01	4.1	2.0	7.09	12900	1.85	0.01	2.9	6.8
403603		10.50	4.04	0.05	0.6	0.012	0.008	0.06	8.6	4.4	4.51	8250	3.91	0.01	4.8	14.6
403604		11.55	3.01	0.05	0.4	0.010	0.014	0.10	4.9	3.8	4.87	6040	1.42	0.01	3.0	8.4
403605		7.84	1.61	<0.05	0.3	0.008	0.009	0.05	2.4	3.3	4.91	5230	0.49	0.01	1.9	4.1
403606		0.20	0.23	<0.05	0.1	<0.005	<0.005	0.01	1.4	0.7	1.29	162	0.05	0.03	0.1	0.2
403607		10.00	1.25	<0.05	0.3	<0.005	0.007	0.03	3.3	2.7	6.64	7590	0.45	0.01	1.6	3.7
403608		11.25	3.17	<0.05	0.5	0.008	0.011	0.07	7.3	3.0	3.97	8900	1.48	0.01	4.4	9.3
403609		18.20	2.52	0.05	0.5	<0.005	0.014	0.06	6.3	2.2	2.88	16350	0.80	<0.01	4.4	9.5
403610		20.4	1.82	0.06	0.4	<0.005	0.011	0.13	6.1	2.4	2.88	16400	0.34	<0.01	3.7	6.2

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Projet: Kan

CERTIFICAT D'ANALYSE VO18184015

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403591		360	4.9	3.5	<0.002	0.05	0.08	0.7	1	0.2	50.4	0.12	<0.05	0.38	0.050	0.04
403592		260	1.7	2.5	<0.002	0.04	0.07	0.6	<1	<0.2	51.0	0.09	<0.05	0.27	0.035	0.04
403593		310	1.4	2.7	<0.002	0.07	0.07	0.6	1	<0.2	39.7	0.10	<0.05	0.32	0.039	0.05
403594		290	1.2	2.1	<0.002	0.06	0.09	0.8	<1	<0.2	34.6	0.12	<0.05	0.35	0.046	0.03
403595		370	0.9	2.3	<0.002	0.06	0.05	0.7	1	0.2	26.6	0.08	<0.05	0.26	0.033	0.04
403596		340	1.0	2.8	<0.002	0.18	0.09	1.3	1	0.2	14.5	0.17	<0.05	0.47	0.071	0.05
403597		630	1.7	2.9	<0.002	0.40	0.15	2.8	1	0.2	12.4	0.60	0.07	1.67	0.221	0.05
403598		310	0.8	1.5	<0.002	0.12	0.09	1.1	1	<0.2	11.0	0.15	<0.05	0.43	0.058	0.03
403599		1050	9.3	32.0	<0.002	0.08	0.78	16.9	1	1.0	267	0.91	0.23	2.26	0.651	0.17
403600		550	0.9	1.3	<0.002	0.17	0.14	1.7	1	<0.2	11.8	0.26	0.05	0.72	0.091	0.02
403601		600	1.2	0.4	<0.002	0.26	0.10	1.5	1	<0.2	18.2	0.29	0.05	0.73	0.110	<0.02
403602		370	2.4	0.2	<0.002	0.26	0.10	1.1	1	<0.2	107.0	0.21	0.06	0.45	0.081	<0.02
403603		780	3.1	2.1	<0.002	0.35	0.12	2.5	1	<0.2	157.5	0.32	0.11	0.84	0.150	0.03
403604		460	2.3	3.3	<0.002	0.15	0.11	2.5	1	0.2	148.5	0.20	<0.05	0.51	0.068	0.04
403605		390	2.7	1.4	<0.002	<0.01	0.08	1.6	1	<0.2	183.5	0.14	<0.05	0.27	0.039	0.02
403606		50	0.5	0.2	<0.002	0.01	0.05	0.2	1	<0.2	86.2	<0.05	<0.05	0.12	0.005	<0.02
403607		250	3.3	0.9	<0.002	0.01	0.07	1.0	<1	<0.2	230	0.11	<0.05	0.47	0.026	<0.02
403608		570	1.6	2.4	<0.002	0.17	0.13	2.3	1	<0.2	97.3	0.29	<0.05	0.86	0.094	0.02
403609		540	0.9	2.4	<0.002	0.15	0.08	1.7	1	<0.2	10.4	0.24	<0.05	0.74	0.099	0.03
403610		420	0.6	4.8	<0.002	0.09	0.08	1.2	1	0.2	6.8	0.20	<0.05	0.51	0.070	0.07

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CERTIFICAT D'ANALYSE VO18184015

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403591		0.2	25	0.3	4.1	13	9.2
403592		0.1	19	0.2	4.1	7	7.4
403593		0.1	22	0.2	3.6	10	7.2
403594		0.2	23	0.2	3.7	18	11.5
403595		0.2	29	0.2	3.0	20	6.6
403596		0.3	40	0.4	3.0	24	12.8
403597		1.0	119	0.5	5.6	44	38.7
403598		0.2	36	0.2	3.1	20	10.4
403599		0.5	139	8.4	13.7	81	85.0
403600		0.5	53	0.2	4.5	26	19.7
403601		0.4	58	0.5	4.4	27	21.2
403602		0.3	45	0.3	4.1	19	14.4
403603		0.6	78	0.4	5.3	24	26.9
403604		0.4	51	0.2	4.8	20	17.4
403605		0.2	31	0.3	4.0	15	12.7
403606		0.9	1	<0.1	2.2	3	1.6
403607		0.2	26	0.2	3.7	11	11.7
403608		0.4	67	0.3	4.2	23	23.1
403609		0.4	61	0.3	4.0	21	22.5
403610		0.2	38	0.1	3.7	16	17.3

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CERTIFICAT D'ANALYSE VO18184015

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
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CERTIFICAT VO18184030

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 021

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403611		2.22	<0.001	0.02	0.60	3.6	20	0.97	0.04	2.46	0.02	12.50	8.3	16	0.82	9.3
403612		2.22	<0.001	0.01	0.38	1.3	20	0.49	0.01	1.47	<0.02	9.14	5.5	12	0.73	4.2
403613		2.30	<0.001	0.01	0.53	0.7	20	0.45	0.01	0.84	<0.02	8.56	7.1	16	0.81	4.4
403614		2.42	<0.001	0.05	0.63	1.2	20	0.85	0.06	2.60	<0.02	8.48	13.9	17	0.89	28.8
403615		1.61	<0.001	0.03	0.88	0.5	20	0.82	0.04	1.02	0.02	17.35	12.2	15	0.82	23.0
403616		2.35	<0.001	0.01	0.48	1.0	10	0.66	0.02	0.83	<0.02	7.64	7.6	15	0.42	5.6
403617		2.38	<0.001	0.01	0.61	1.2	10	0.56	0.03	0.92	0.02	9.35	7.5	21	0.25	10.8
403618		2.07	0.001	0.03	0.77	0.6	<10	0.41	0.02	1.32	0.02	10.65	8.3	15	0.09	11.9
403619		0.07	0.672	0.22	7.40	18.8	330	1.37	0.16	4.49	0.19	52.8	43.3	177	1.96	55.2
403620		2.19	0.001	0.09	0.51	19.4	<10	0.30	0.02	6.56	0.05	8.44	13.1	14	<0.05	9.2
403621		2.26	<0.001	0.01	0.38	1.1	<10	0.40	0.01	14.35	0.09	7.81	4.1	10	<0.05	9.5
403622		3.16	<0.001	0.01	0.72	1.9	<10	0.23	0.02	10.30	0.16	10.05	8.8	12	0.09	62.7
403623		2.01	0.001	0.02	0.94	2.8	20	0.38	0.05	6.49	0.05	9.53	11.1	19	2.13	23.6
403624		2.45	<0.001	0.01	1.24	5.7	<10	0.51	0.03	4.24	0.04	13.45	7.6	23	0.21	21.9
403625		2.06	<0.001	0.01	0.77	29.1	<10	0.44	0.04	4.02	0.02	11.90	11.5	30	0.23	12.3
403626		0.21	<0.001	<0.01	0.06	<0.2	20	<0.05	0.01	32.9	0.02	0.97	0.8	2	<0.05	1.7
403627		2.35	<0.001	0.01	1.05	8.3	<10	0.41	0.03	4.09	<0.02	13.45	8.9	26	0.37	12.2
403628		2.16	<0.001	<0.01	0.25	1.3	20	0.31	0.01	5.48	0.03	5.99	3.3	13	2.59	21.4
403629		2.09	<0.001	<0.01	1.09	1.7	30	0.41	0.01	3.46	0.02	11.05	6.3	27	3.44	8.4
403630		2.37	0.011	0.07	0.61	11.5	30	0.21	0.05	1.48	0.07	13.05	6.2	19	0.81	32.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184030

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403611		21.0	2.40	0.05	0.5	<0.005	0.012	0.17	6.7	3.4	3.63	16600	0.29	<0.01	5.1	9.0
403612		16.35	1.56	0.05	0.2	<0.005	0.007	0.16	4.8	2.8	2.70	13600	0.22	<0.01	2.6	5.1
403613		18.30	2.27	0.05	0.3	<0.005	0.013	0.18	4.5	3.5	2.90	15050	0.29	<0.01	2.9	7.4
403614		19.00	2.71	<0.05	0.4	<0.005	0.010	0.20	4.5	3.2	3.15	16250	0.97	<0.01	3.3	13.5
403615		21.3	3.92	0.08	0.4	<0.005	0.015	0.18	9.1	3.9	3.01	17800	0.63	<0.01	3.1	11.0
403616		18.65	2.15	0.05	0.2	<0.005	0.007	0.09	4.0	2.2	2.54	16600	0.35	<0.01	2.3	7.5
403617		17.50	2.76	0.06	0.4	<0.005	0.011	0.05	4.9	2.1	2.53	15600	0.32	<0.01	3.2	7.4
403618		18.85	3.31	0.07	0.4	<0.005	0.016	0.02	5.6	2.4	2.69	17200	0.30	<0.01	3.4	12.0
403619		7.47	19.75	0.10	3.7	0.019	0.069	0.90	23.2	13.1	2.98	956	2.48	1.75	20.8	143.5
403620		14.35	1.85	0.05	0.3	<0.005	0.010	<0.01	4.5	1.9	3.98	12700	0.34	<0.01	2.7	25.0
403621		12.60	1.54	<0.05	0.2	<0.005	0.009	0.01	4.0	2.1	6.33	7290	0.14	0.01	2.2	3.3
403622		15.85	2.89	0.05	0.3	<0.005	0.019	0.01	5.2	2.5	5.81	10500	0.19	0.01	2.4	7.4
403623		11.40	3.35	0.07	0.5	<0.005	0.011	0.11	5.2	0.9	3.75	8190	1.25	0.03	3.7	17.2
403624		12.05	5.60	0.08	0.5	0.007	0.016	0.01	7.4	0.9	3.19	9280	0.75	<0.01	4.2	13.7
403625		8.37	2.93	0.07	0.5	0.007	0.013	0.01	6.0	1.0	2.42	5210	0.83	<0.01	4.8	15.1
403626		0.20	0.20	<0.05	<0.1	<0.005	0.006	0.01	1.2	0.9	1.49	144	0.09	0.03	0.2	<0.2
403627		13.65	5.08	0.07	0.6	0.007	0.016	0.02	7.4	0.8	3.57	6710	1.26	0.01	5.6	15.7
403628		7.77	1.08	0.05	0.1	<0.005	0.007	0.13	3.2	0.4	2.66	5920	0.84	0.04	1.1	5.1
403629		7.87	3.49	0.07	0.4	0.006	0.007	0.16	5.6	1.0	2.35	2980	0.50	0.05	2.4	8.6
403630		18.30	3.10	0.09	0.5	<0.005	0.038	0.24	6.9	5.9	3.20	10900	0.61	0.01	3.6	10.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18184030

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403611		500	1.1	6.4	<0.002	0.15	0.16	1.8	1	0.3	14.9	0.27	0.08	0.65	0.096	0.09
403612		340	0.6	6.0	<0.002	0.06	0.10	1.2	1	0.3	9.8	0.13	<0.05	0.43	0.048	0.07
403613		300	0.6	6.7	<0.002	0.07	0.09	1.6	1	0.3	5.6	0.15	<0.05	0.52	0.056	0.08
403614		340	1.3	7.1	<0.002	0.49	0.28	2.3	1	0.2	16.3	0.19	0.13	0.59	0.076	0.10
403615		490	1.0	7.1	<0.002	0.29	0.10	2.6	1	0.3	7.7	0.18	0.07	0.78	0.071	0.08
403616		380	1.3	3.6	<0.002	0.08	0.11	1.7	<1	<0.2	6.6	0.13	<0.05	0.42	0.050	0.03
403617		410	0.8	2.0	<0.002	0.13	0.11	2.0	1	0.2	7.8	0.18	0.07	0.64	0.074	0.02
403618		460	0.8	0.6	<0.002	0.11	0.16	2.6	<1	<0.2	11.9	0.20	0.05	0.64	0.074	<0.02
403619		1160	15.0	41.4	<0.002	0.02	1.06	19.6	1	1.7	352	1.25	0.05	5.45	0.941	0.22
403620		400	1.3	0.2	<0.002	0.07	0.13	2.2	<1	<0.2	68.4	0.15	<0.05	0.50	0.063	<0.02
403621		190	2.1	0.2	<0.002	0.06	0.14	3.7	1	<0.2	144.5	0.12	<0.05	0.40	0.048	<0.02
403622		330	2.0	0.3	0.002	0.23	0.11	7.2	1	<0.2	154.5	0.17	0.05	0.52	0.067	<0.02
403623		370	4.8	4.0	0.002	0.18	0.33	2.9	1	<0.2	46.8	0.21	0.06	0.89	0.082	0.03
403624		370	2.2	0.4	<0.002	0.30	0.20	2.5	1	<0.2	26.4	0.25	<0.05	1.38	0.089	<0.02
403625		550	1.4	0.5	<0.002	0.25	0.14	2.3	1	<0.2	26.1	0.28	0.08	0.82	0.103	<0.02
403626		80	0.9	0.2	<0.002	<0.01	0.08	0.3	<1	<0.2	79.2	<0.05	<0.05	0.05	0.006	<0.02
403627		670	0.9	0.7	<0.002	0.22	0.26	3.3	<1	0.2	25.0	0.35	0.07	0.97	0.115	<0.02
403628		370	1.8	4.7	<0.002	0.23	0.67	0.6	<1	0.2	39.1	<0.05	<0.05	0.31	0.014	<0.02
403629		190	1.0	6.1	<0.002	0.06	1.06	1.8	<1	0.3	29.6	0.12	<0.05	1.39	0.048	<0.02
403630		400	1.1	15.2	<0.002	0.60	0.12	1.9	1	0.3	47.4	0.22	0.05	0.70	0.090	0.60

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CERTIFICAT D'ANALYSE VO18184030

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403611		0.3	54	0.2	4.5	18	24.0
403612		0.2	35	0.1	3.3	12	11.7
403613		0.2	48	0.1	2.9	14	13.3
403614		0.7	44	0.2	3.9	14	16.8
403615		0.7	55	0.1	4.3	16	16.9
403616		0.3	48	0.1	3.3	12	12.9
403617		0.4	58	0.2	3.5	13	17.7
403618		0.4	68	0.2	4.0	15	18.8
403619		1.2	148	2.2	20.3	131	151.5
403620		0.3	44	0.4	4.1	13	14.9
403621		0.2	40	0.2	4.4	14	11.7
403622		0.3	54	0.3	4.9	26	15.2
403623		0.6	80	0.2	4.2	16	21.3
403624		0.7	69	0.2	4.4	13	23.1
403625		0.6	55	0.2	3.9	9	24.1
403626		0.1	1	0.1	2.2	3	1.5
403627		0.9	89	0.3	5.2	11	29.0
403628		0.5	9	0.1	3.5	11	4.4
403629		1.1	18	0.1	3.4	11	13.8
403630		0.5	48	0.3	4.4	49	22.9

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CERTIFICAT D'ANALYSE VO18184030

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
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Compte: MINVIR

CERTIFICAT VO18184034

Projet: Kan

Bon de commande #: KANDH18- 050

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

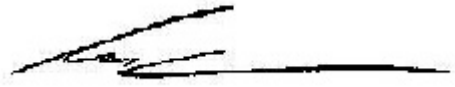
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18184034

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456981		4.68	<0.001	0.01	10.35	<0.2	650	2.48	0.03	0.31	0.02	67.0	12.3	92	3.30	46.3
456982		4.62	<0.001	<0.01	8.79	4.4	610	2.20	0.05	0.39	0.04	69.0	11.9	76	2.94	7.1
456983		4.59	<0.001	0.01	7.26	1.2	480	1.60	0.01	1.32	0.06	57.3	13.7	75	6.30	3.4
456984		4.40	<0.001	0.02	7.81	1.1	1000	2.09	0.03	0.67	0.04	65.8	10.0	57	7.86	13.0
456985		4.47	<0.001	0.02	8.97	1.7	1290	2.47	0.04	1.32	0.07	70.5	10.7	71	7.03	11.7
456986		3.57	<0.001	0.06	7.28	4.8	570	1.34	0.05	1.63	0.07	48.7	24.7	84	5.11	46.8
456987		3.31	0.001	0.11	6.57	<0.2	90	0.58	0.01	5.52	0.18	11.20	44.3	144	5.38	124.0
456988		4.75	<0.001	0.06	6.45	<0.2	80	0.50	0.01	5.94	0.13	11.75	44.3	159	4.96	99.9
456989		0.09	7.58	1.31	6.01	35.2	310	0.95	0.53	2.93	0.08	30.8	42.0	302	0.69	111.5
456990		4.54	<0.001	0.01	8.37	0.2	670	1.83	<0.01	1.10	0.02	83.4	16.6	78	0.94	25.5
456991		4.44	<0.001	0.01	8.79	1.7	720	2.16	<0.01	0.49	<0.02	91.3	12.0	67	0.91	14.2
456992		4.63	<0.001	<0.01	5.75	0.4	60	0.65	<0.01	3.40	0.05	45.3	19.6	2	2.27	20.0
456993		4.82	<0.001	<0.01	5.50	<0.2	250	0.70	0.01	5.16	0.06	27.9	32.1	1	10.25	12.7
456994		4.86	<0.001	0.01	5.67	<0.2	340	0.53	<0.01	6.79	0.07	16.65	53.6	2	15.90	14.0
456995		4.90	<0.001	0.01	5.58	0.3	200	0.42	0.01	7.94	0.10	13.15	57.7	<1	9.87	15.5
456996		0.29	<0.001	<0.01	0.07	<0.2	20	<0.05	0.01	35.3	<0.02	1.01	0.8	<1	0.05	1.2
456997		5.06	<0.001	0.01	6.35	0.8	80	0.40	0.01	6.88	0.09	11.40	65.7	1	3.97	24.0
456998		5.10	<0.001	0.03	6.19	0.3	60	0.37	0.01	7.45	0.13	9.33	76.9	<1	3.33	115.0
456999		3.79	<0.001	0.06	8.65	90.1	640	1.70	0.02	3.78	0.06	10.50	58.9	178	1.07	75.6
457000		4.54	0.002	0.10	6.58	39.2	150	0.29	0.01	6.71	0.09	8.17	43.6	119	0.20	129.5

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CERTIFICAT D'ANALYSE VO18184034

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456981		6.03	28.6	0.18	2.9	<0.005	0.057	4.99	33.8	33.6	1.64	715	0.66	0.11	9.9	39.4
456982		4.71	23.2	0.17	2.3	<0.005	0.025	4.16	36.2	34.2	1.49	679	0.87	0.25	8.3	36.6
456983		5.57	17.65	0.15	2.8	<0.005	0.013	3.13	29.1	40.8	2.13	1020	0.59	1.01	5.9	30.8
456984		3.20	18.50	0.16	4.5	<0.005	0.016	4.17	34.5	40.1	1.70	565	1.74	1.29	8.4	36.5
456985		4.12	22.2	0.18	5.4	<0.005	0.036	4.75	34.9	45.1	1.71	1180	4.59	1.43	9.7	41.5
456986		5.12	18.90	0.15	3.8	0.009	0.033	2.43	24.5	39.9	2.24	730	3.97	2.03	6.6	63.9
456987		9.24	16.70	0.10	0.9	0.023	0.081	1.13	4.2	38.1	4.11	1430	0.27	1.43	3.9	77.0
456988		9.02	16.80	0.09	0.9	0.014	0.082	1.05	4.4	38.4	4.72	1620	0.23	1.11	3.4	76.1
456989		5.49	15.25	0.09	2.4	0.199	0.045	1.05	15.1	14.8	3.96	725	6.25	1.18	16.8	246
456990		4.33	21.2	0.16	4.1	0.007	0.025	2.47	45.0	22.2	1.54	619	0.33	2.32	9.6	42.9
456991		4.03	21.8	0.16	4.6	<0.005	0.021	2.74	47.5	22.1	1.12	448	0.37	2.44	10.6	31.9
456992		10.75	21.5	0.14	4.1	0.008	0.148	0.30	19.0	18.4	1.26	1710	0.83	1.49	12.6	1.5
456993		12.50	20.9	0.13	2.6	<0.005	0.152	1.40	10.7	27.0	1.65	1940	0.53	0.76	9.8	0.5
456994		13.65	19.25	0.13	1.4	<0.005	0.120	2.31	6.6	32.9	2.10	2280	0.44	0.28	5.5	0.3
456995		13.00	18.55	0.10	1.2	<0.005	0.095	1.50	5.1	23.6	2.34	2010	0.51	0.52	4.6	0.2
456996		0.17	0.25	<0.05	<0.1	<0.005	<0.005	0.01	1.2	1.1	1.45	100	<0.05	0.03	0.1	<0.2
456997		14.05	20.2	0.09	1.2	0.006	0.092	0.71	4.4	14.5	3.14	1840	0.37	0.99	3.9	0.6
456998		14.50	20.1	0.09	1.1	0.035	0.090	0.60	3.6	14.3	3.62	1760	0.23	0.77	3.1	6.0
456999		10.20	20.4	0.10	1.6	0.008	0.087	3.10	4.0	29.0	3.55	1630	0.31	0.15	4.3	111.0
457000		8.84	15.30	0.06	1.0	0.006	0.066	0.55	2.9	21.3	3.89	1480	0.20	1.65	2.9	82.2

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184034

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456981		270	5.3	141.0	0.002	0.18	0.16	12.7	<1	2.0	25.3	0.71	<0.05	14.65	0.358	0.60
456982		300	5.8	118.0	<0.002	0.04	0.16	10.9	<1	1.2	22.6	0.58	<0.05	13.15	0.297	0.46
456983		2340	6.1	110.5	0.002	<0.01	0.15	11.3	<1	0.7	46.0	0.42	<0.05	11.15	0.268	0.69
456984		290	7.4	135.5	<0.002	0.01	0.19	9.4	<1	0.6	31.9	0.61	<0.05	13.15	0.307	0.83
456985		270	7.8	121.0	0.006	0.04	0.22	12.1	<1	0.9	46.5	0.75	<0.05	15.15	0.364	0.79
456986		290	6.5	66.5	0.007	0.02	0.17	16.6	<1	0.6	58.7	0.48	<0.05	9.08	0.408	0.49
456987		480	6.3	53.8	<0.002	0.03	0.11	39.7	<1	0.9	126.0	0.24	<0.05	0.35	0.793	0.51
456988		410	6.5	50.7	<0.002	0.02	0.11	41.0	<1	0.9	131.0	0.22	<0.05	0.39	0.701	0.51
456989		1080	9.7	37.7	<0.002	0.08	0.81	20.1	<1	1.0	277	0.94	0.25	2.28	0.672	0.21
456990		390	3.6	64.8	<0.002	0.01	0.18	14.5	<1	0.7	63.1	0.67	<0.05	13.05	0.398	0.21
456991		400	3.8	69.9	<0.002	0.01	0.19	11.8	<1	0.8	43.5	0.76	<0.05	14.65	0.370	0.22
456992		1370	3.6	13.5	0.002	0.12	0.23	28.7	<1	1.5	106.5	0.79	<0.05	3.12	0.876	0.14
456993		920	3.4	63.2	<0.002	0.06	0.24	44.5	<1	1.3	109.5	0.63	<0.05	1.55	1.570	0.60
456994		590	4.5	96.7	0.005	0.15	0.34	51.1	<1	0.9	129.0	0.35	<0.05	0.86	1.735	0.93
456995		500	4.4	60.3	0.011	0.17	0.57	49.4	<1	0.7	112.5	0.29	<0.05	0.62	1.520	0.57
456996		60	0.5	0.5	<0.002	<0.01	<0.05	0.4	<1	<0.2	84.0	<0.05	<0.05	0.06	0.010	0.02
456997		440	4.3	25.3	0.015	0.23	0.81	53.5	<1	0.8	107.0	0.24	<0.05	0.50	1.390	0.25
456998		330	4.9	21.8	0.004	0.32	1.08	57.7	1	0.7	113.0	0.20	<0.05	0.39	1.275	0.25
456999		480	2.0	47.6	0.004	0.02	0.23	52.1	<1	1.3	65.6	0.25	<0.05	0.30	0.871	0.20
457000		360	2.8	6.6	0.003	0.05	0.15	39.4	<1	0.4	99.4	0.17	<0.05	0.21	0.665	0.03

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CERTIFICAT D'ANALYSE VO18184034

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456981		2.5	87	1.7	5.4	77	94.5
456982		2.3	75	1.6	6.2	58	80.1
456983		4.2	93	0.7	11.2	48	97.7
456984		4.0	108	0.7	8.3	53	158.5
456985		4.3	145	1.2	8.6	59	187.0
456986		2.9	170	0.6	9.2	72	137.0
456987		0.1	361	0.2	10.1	96	30.3
456988		0.1	341	0.1	15.1	94	36.0
456989		0.6	142	9.0	14.8	83	96.9
456990		2.3	97	0.7	17.9	45	149.0
456991		2.6	70	0.7	19.0	48	169.0
456992		0.8	26	0.3	61.5	111	152.0
456993		0.4	78	0.4	48.1	136	109.0
456994		0.2	465	0.3	31.8	139	53.9
456995		0.2	637	0.3	27.0	135	43.8
456996		0.1	2	<0.1	2.1	3	1.3
456997		0.1	989	0.3	24.5	129	37.9
456998		0.1	1200	0.3	21.2	120	31.9
456999		0.1	455	1.5	6.0	95	60.0
457000		<0.1	340	0.5	7.3	85	32.6

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CERTIFICAT D'ANALYSE VO18184034

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Bon de commande #: KANDH18- PRIORITY- 019

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18184041

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403571		2.57	<0.001	0.01	0.31	0.3	300	0.38	0.01	7.41	0.02	12.30	5.0	10	0.34	3.3
403572		2.44	<0.001	<0.01	0.18	1.3	10	0.23	0.01	3.54	<0.02	5.73	3.2	11	0.33	2.3
403573		2.43	<0.001	0.01	0.32	0.6	<10	0.40	0.01	7.19	0.02	8.39	4.6	12	0.16	3.1
403574		2.47	<0.001	0.01	0.28	<0.2	10	0.29	0.01	8.43	0.05	6.39	3.5	9	0.41	2.6
403575		2.58	<0.001	<0.01	0.30	0.7	10	0.32	0.01	7.88	0.05	6.65	3.8	11	0.22	2.5
403576		2.50	<0.001	0.01	0.36	<0.2	10	0.27	0.01	10.55	0.10	6.75	3.4	12	0.35	2.5
403577		2.47	0.001	0.05	0.32	0.3	20	0.30	0.01	10.65	0.11	6.10	3.3	11	0.45	3.1
403578		2.48	<0.001	0.01	0.22	1.1	10	0.32	0.01	11.35	0.11	8.71	3.5	7	0.39	2.5
403579		0.07	2.61	0.39	6.82	11.1	320	0.98	0.15	4.81	0.07	40.6	48.9	308	0.66	75.0
403580		2.45	<0.001	0.02	0.23	0.4	20	0.36	<0.01	11.35	0.11	5.30	2.9	8	0.52	1.7
403581		2.52	<0.001	0.01	0.34	<0.2	30	0.34	<0.01	12.95	0.14	5.17	3.0	8	0.77	0.6
403582		2.62	<0.001	0.01	0.20	0.5	10	0.30	0.01	11.90	0.07	5.10	3.2	7	0.47	1.4
403583		2.55	<0.001	<0.01	0.37	0.5	10	0.42	0.01	11.90	0.17	8.64	3.8	11	0.22	1.6
403584		2.46	0.018	0.01	0.48	1.7	10	0.38	0.01	14.60	0.14	8.14	4.6	14	0.18	2.6
403585		2.48	<0.001	<0.01	0.48	0.4	10	0.41	0.01	13.85	0.11	8.20	4.0	12	0.20	2.0
403586		0.24	<0.001	<0.01	0.05	<0.2	10	<0.05	<0.01	31.2	<0.02	0.77	0.5	2	<0.05	0.5
403587		2.56	<0.001	0.02	0.38	0.4	10	0.45	0.03	9.91	0.03	12.10	4.4	12	0.18	8.6
403588		2.47	<0.001	0.01	0.25	0.5	10	0.35	0.02	9.19	0.02	6.53	3.8	10	0.11	5.0
403589		2.90	<0.001	0.01	0.33	0.2	10	0.47	0.02	10.70	0.02	9.91	4.9	13	0.46	5.1
403590		2.14	<0.001	0.01	0.22	0.5	20	0.88	0.01	11.20	0.02	7.48	3.7	8	0.17	2.5

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CERTIFICAT D'ANALYSE VO18184041

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403571		16.65	1.18	<0.05	0.3	<0.005	0.008	0.05	6.3	1.9	4.65	11150	0.35	<0.01	2.6	6.4
403572		13.05	0.63	<0.05	0.1	<0.005	0.005	0.04	3.0	1.1	2.87	8310	0.44	<0.01	1.4	4.7
403573		14.05	1.21	<0.05	0.2	0.005	0.007	0.02	4.4	1.8	4.31	10500	0.40	<0.01	2.3	5.6
403574		14.00	0.84	<0.05	0.2	<0.005	0.006	0.04	3.5	1.6	4.80	8790	0.35	<0.01	1.8	3.7
403575		13.05	1.02	<0.05	0.2	<0.005	0.007	0.02	3.6	1.5	4.56	8860	0.29	<0.01	1.8	4.5
403576		12.40	1.25	<0.05	0.2	<0.005	0.009	0.04	3.7	2.1	5.35	9170	0.35	<0.01	1.8	4.9
403577		11.15	1.28	<0.05	0.2	<0.005	0.006	0.05	3.3	2.3	5.04	8070	0.25	0.01	1.7	4.8
403578		12.35	0.90	0.05	0.2	<0.005	0.006	0.03	4.8	1.9	5.51	8030	0.27	0.01	2.1	4.8
403579		7.41	17.50	0.06	3.1	0.045	0.056	0.97	20.0	7.5	5.50	1060	2.78	1.97	25.8	352
403580		11.35	0.83	<0.05	0.2	0.007	<0.005	0.06	2.9	2.2	5.51	7320	0.18	0.01	1.1	3.7
403581		11.80	1.11	<0.05	0.2	0.005	0.008	0.09	2.6	2.9	6.04	7640	0.18	0.01	1.5	3.2
403582		11.30	0.76	<0.05	0.2	<0.005	0.006	0.04	2.7	1.7	5.58	7390	0.19	0.01	1.3	3.6
403583		10.40	1.60	<0.05	0.3	0.006	0.007	0.04	4.6	2.8	5.53	8670	0.26	0.01	1.8	6.0
403584		10.40	2.03	<0.05	0.3	0.006	0.007	0.03	4.3	3.4	6.71	8800	0.31	0.01	1.9	7.6
403585		9.62	1.88	<0.05	0.3	<0.005	0.006	0.03	4.2	3.2	6.29	7890	0.25	0.01	2.3	6.0
403586		0.23	0.19	<0.05	<0.1	<0.005	<0.005	0.01	0.9	0.8	1.46	160	<0.05	0.03	0.1	0.6
403587		11.95	1.50	0.05	0.4	<0.005	0.008	0.04	6.3	2.3	5.20	9440	1.00	<0.01	3.4	8.5
403588		12.15	1.02	<0.05	0.2	0.008	0.006	0.02	3.5	2.0	4.74	9710	0.51	0.01	2.1	5.6
403589		13.55	1.27	<0.05	0.2	<0.005	0.007	0.06	5.4	2.4	5.65	9800	0.51	<0.01	2.5	6.6
403590		11.35	0.87	<0.05	0.2	<0.005	<0.005	0.08	4.2	1.7	5.44	8220	0.38	0.01	1.6	4.1

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CERTIFICAT D'ANALYSE VO18184041

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403571		600	1.9	2.1	<0.002	0.08	0.08	0.9	<1	<0.2	46.1	0.16	<0.05	0.43	0.048	0.04
403572		300	0.8	1.9	<0.002	0.04	0.05	0.5	<1	<0.2	20.5	0.08	<0.05	0.24	0.027	0.04
403573		350	1.4	0.9	<0.002	0.06	0.06	0.8	1	<0.2	53.1	0.12	<0.05	0.35	0.043	<0.02
403574		300	1.7	1.5	<0.002	0.07	0.06	0.6	<1	<0.2	79.2	0.12	<0.05	0.37	0.040	0.03
403575		310	1.3	0.8	<0.002	0.07	0.06	0.8	1	<0.2	73.2	0.11	<0.05	0.34	0.038	0.02
403576		370	2.0	1.3	<0.002	0.07	0.06	0.9	<1	<0.2	134.0	0.12	<0.05	0.37	0.044	0.03
403577		290	2.5	1.8	<0.002	0.04	0.07	0.8	1	<0.2	153.5	0.13	<0.05	0.35	0.040	0.04
403578		330	4.1	1.3	<0.002	0.06	0.08	0.6	1	<0.2	152.5	0.14	<0.05	0.38	0.036	0.03
403579		1890	4.7	27.6	<0.002	0.04	0.32	19.5	<1	1.2	479	1.55	0.08	2.60	1.070	0.06
403580		220	2.8	2.1	<0.002	0.03	0.08	0.5	1	<0.2	149.0	0.08	<0.05	0.24	0.027	0.05
403581		240	3.0	3.0	<0.002	<0.01	0.08	0.7	1	<0.2	193.0	0.11	<0.05	0.23	0.035	0.05
403582		170	2.1	1.5	<0.002	0.02	0.07	0.6	1	<0.2	132.0	0.09	<0.05	0.25	0.028	0.03
403583		240	2.9	1.4	<0.002	0.02	0.07	1.1	1	<0.2	197.0	0.13	<0.05	0.57	0.045	0.02
403584		300	4.7	1.4	<0.002	0.05	0.08	1.3	1	<0.2	213	0.15	<0.05	0.50	0.055	0.02
403585		300	4.1	1.3	<0.002	0.04	0.07	1.2	<1	<0.2	165.0	0.20	<0.05	0.57	0.058	0.03
403586		50	<0.5	0.2	<0.002	<0.01	<0.05	0.1	1	<0.2	72.7	<0.05	<0.05	0.06	0.005	<0.02
403587		450	5.1	1.8	0.002	0.09	0.17	1.2	<1	<0.2	66.6	0.27	<0.05	0.72	0.052	0.03
403588		260	2.8	0.9	<0.002	0.07	0.19	0.8	<1	<0.2	61.5	0.13	<0.05	0.36	0.039	0.02
403589		420	2.3	3.3	0.002	0.06	0.14	1.0	<1	<0.2	65.6	0.14	0.05	0.40	0.049	0.06
403590		350	2.1	2.5	<0.002	0.03	0.12	0.7	<1	<0.2	67.8	0.10	<0.05	0.30	0.029	0.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184041

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403571		0.3	22	0.2	5.4	12	11.6
403572		0.1	15	0.1	2.9	10	5.9
403573		0.2	23	0.1	4.3	12	10.5
403574		0.2	19	0.2	3.5	12	8.4
403575		0.2	21	0.2	3.8	15	9.1
403576		0.2	23	0.2	4.1	20	9.5
403577		0.2	18	0.3	3.8	17	9.0
403578		0.2	13	0.3	4.9	13	10.6
403579		0.6	149	3.0	19.6	105	128.5
403580		0.1	13	0.3	3.4	15	6.3
403581		0.1	19	0.3	4.0	14	8.0
403582		0.1	13	0.2	3.0	9	6.8
403583		0.3	22	0.3	4.5	14	11.0
403584		0.4	29	0.3	4.5	17	11.7
403585		0.4	30	0.2	4.2	14	13.0
403586		0.2	1	<0.1	1.8	3	0.9
403587		0.3	28	0.2	5.1	14	15.8
403588		0.2	20	0.2	4.1	8	9.8
403589		0.3	24	0.3	5.5	8	11.9
403590		0.2	17	0.3	4.6	7	7.4

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CERTIFICAT D'ANALYSE VO18184041

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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CERTIFICAT VO18184045

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 018

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

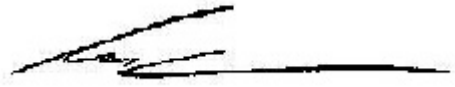
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18184045

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403551		2.28	0.531	0.03	0.09	0.8	10	0.28	0.01	8.38	0.08	5.48	2.3	5	0.22	4.5
403552		2.49	0.091	0.01	0.21	0.4	10	0.33	0.02	7.95	0.05	10.40	3.3	7	0.23	3.9
403553		2.21	0.004	0.03	0.33	0.4	20	0.41	0.03	6.47	0.07	8.94	4.7	8	0.26	4.4
403554		2.23	<0.001	0.02	0.11	0.4	10	0.36	0.01	7.16	0.03	7.50	3.0	7	0.20	1.7
403555		2.28	<0.001	0.01	0.14	0.3	10	0.45	0.02	7.53	<0.02	5.73	3.2	8	0.33	2.5
403556		2.24	<0.001	0.03	0.24	0.4	10	0.51	0.01	6.79	0.02	7.42	4.1	17	0.52	1.9
403557		2.06	<0.001	0.02	0.14	0.4	10	0.57	0.01	10.85	<0.02	6.37	2.4	6	0.44	1.4
403558		2.13	<0.001	0.07	0.19	0.8	10	0.45	0.02	9.77	0.02	6.61	3.0	6	0.34	2.1
403559		0.07	0.667	0.22	7.74	20.4	350	1.61	0.15	4.70	0.21	55.6	45.2	186	2.15	58.4
403560		2.64	<0.001	0.02	0.15	0.6	10	0.35	0.01	11.60	<0.02	7.40	3.6	6	0.39	3.1
403561		2.52	0.003	0.02	0.16	2.8	10	0.41	0.01	11.65	0.03	6.62	3.4	5	0.51	2.1
403562		2.50	0.001	0.01	0.21	<0.2	10	0.39	0.01	10.05	0.05	6.36	2.5	6	0.28	2.2
403563		2.55	<0.001	0.01	0.15	2.0	10	0.37	0.01	7.85	0.02	5.81	2.8	7	0.35	1.6
403564		2.46	<0.001	0.02	0.29	46.9	10	0.59	0.03	8.80	0.03	8.76	3.5	8	0.47	3.3
403565		2.46	0.001	0.02	0.34	0.7	10	0.42	0.02	9.29	0.05	10.40	3.8	11	0.34	4.2
403566		0.24	<0.001	<0.01	0.06	0.4	20	0.06	0.01	31.2	<0.02	0.90	0.5	1	<0.05	0.8
403567		2.40	0.046	0.03	0.33	1.2	10	0.31	0.02	6.00	0.09	13.25	5.1	15	0.17	9.0
403568		2.39	0.003	0.03	0.14	1.7	10	0.29	<0.01	6.01	0.02	4.69	3.1	33	0.14	2.7
403569		2.37	0.002	0.01	0.25	3.0	10	0.41	0.01	7.98	0.02	7.17	4.3	13	0.19	5.1
403570		2.48	<0.001	0.03	0.55	0.8	10	0.67	0.02	9.28	0.06	10.50	4.6	15	0.38	4.2

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CERTIFICAT D'ANALYSE VO18184045

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403551		14.45	0.36	<0.05	<0.1	0.011	<0.005	0.02	3.5	1.1	4.58	5900	0.21	0.01	0.3	2.0
403552		15.30	0.84	0.06	0.1	<0.005	<0.005	0.03	7.0	1.5	4.57	6710	0.45	0.01	1.0	3.9
403553		16.45	1.31	0.05	0.1	<0.005	<0.005	0.06	5.3	2.0	4.38	7060	1.23	0.01	1.5	5.8
403554		13.50	0.50	<0.05	0.1	0.005	<0.005	0.03	4.5	1.1	4.33	5780	0.45	0.01	1.1	3.5
403555		13.85	0.50	<0.05	0.1	<0.005	<0.005	0.04	3.0	1.3	4.66	5990	0.42	<0.01	1.6	28.8
403556		15.35	0.96	<0.05	0.1	<0.005	<0.005	0.06	4.0	1.9	4.67	6670	0.36	<0.01	2.1	5.4
403557		12.75	0.59	<0.05	0.1	<0.005	<0.005	0.05	3.9	1.8	5.78	6060	0.35	<0.01	1.0	2.6
403558		14.90	0.80	<0.05	0.1	<0.005	<0.005	0.04	4.0	1.7	5.55	6840	0.52	<0.01	1.1	8.0
403559		7.87	21.3	0.09	3.9	0.018	0.076	0.94	24.7	14.8	3.12	996	2.68	1.84	21.9	152.0
403560		13.90	0.61	<0.05	0.1	<0.005	<0.005	0.04	4.8	1.6	5.98	6880	0.42	0.01	1.0	3.9
403561		12.75	0.63	<0.05	0.1	0.006	<0.005	0.05	3.9	1.5	6.07	6480	0.44	<0.01	1.1	3.5
403562		14.60	0.88	0.05	0.1	<0.005	<0.005	0.02	4.0	1.2	5.59	7220	0.45	<0.01	1.0	4.7
403563		14.60	0.56	<0.05	0.1	<0.005	<0.005	0.03	3.6	1.0	4.90	6150	0.73	<0.01	1.0	3.0
403564		13.50	1.16	<0.05	0.2	0.005	0.005	0.05	5.1	1.7	4.82	6850	0.78	<0.01	1.5	5.7
403565		16.65	1.26	0.06	0.2	0.005	0.007	0.03	5.8	2.0	5.41	8790	0.97	<0.01	3.1	7.5
403566		0.25	0.20	0.08	<0.1	<0.005	<0.005	0.01	1.1	1.1	1.63	147	<0.05	0.03	0.1	0.3
403567		14.00	1.29	<0.05	0.1	<0.005	<0.005	0.02	7.2	2.1	3.67	6620	0.61	<0.01	2.1	5.0
403568		11.90	0.57	<0.05	0.1	<0.005	<0.005	0.01	2.4	1.2	3.51	6030	0.36	<0.01	1.3	4.0
403569		13.25	0.98	<0.05	0.2	<0.005	<0.005	0.02	3.8	1.8	4.57	7540	0.31	<0.01	1.7	5.2
403570		14.90	2.27	<0.05	0.3	<0.005	0.008	0.05	5.5	3.4	5.48	9840	0.46	<0.01	3.1	8.0

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CERTIFICAT D'ANALYSE VO18184045

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403551		210	2.5	0.7	<0.002	0.20	0.12	0.2	<1	<0.2	85.7	<0.05	<0.05	0.06	<0.005	<0.02
403552		420	2.4	1.4	<0.002	0.15	0.10	0.5	<1	<0.2	82.4	0.06	<0.05	0.25	0.012	0.07
403553		280	2.6	2.8	0.003	0.24	0.10	0.8	<1	<0.2	72.0	0.07	0.07	0.36	0.018	0.11
403554		580	2.5	1.6	<0.002	0.05	0.12	0.3	<1	<0.2	45.9	<0.05	<0.05	0.21	0.008	0.05
403555		320	1.4	2.5	<0.002	0.04	0.11	0.4	<1	<0.2	38.0	0.06	<0.05	0.28	0.014	0.07
403556		320	1.4	3.5	<0.002	0.06	0.10	0.6	<1	<0.2	34.1	0.08	<0.05	0.37	0.024	0.11
403557		310	1.9	3.0	<0.002	0.04	0.10	0.4	1	<0.2	52.1	<0.05	<0.05	0.19	0.010	0.06
403558		240	2.7	2.2	<0.002	0.08	0.10	0.5	1	<0.2	47.5	0.05	<0.05	0.24	0.011	0.06
403559		1210	15.7	43.9	<0.002	0.02	1.18	20.9	<1	1.9	368	1.33	0.05	5.76	0.973	0.22
403560		300	1.7	2.5	<0.002	0.17	0.08	0.3	<1	<0.2	59.0	0.05	<0.05	0.19	0.011	0.06
403561		260	2.0	3.1	<0.002	0.10	0.11	0.4	<1	<0.2	75.9	<0.05	<0.05	0.23	0.010	0.07
403562		280	2.0	1.3	<0.002	0.10	0.10	0.5	<1	<0.2	94.1	0.05	<0.05	0.24	0.012	0.03
403563		250	1.8	1.7	<0.002	0.08	0.08	0.4	<1	<0.2	58.2	0.05	<0.05	0.19	0.010	0.04
403564		290	2.6	2.5	<0.002	0.18	0.13	0.8	<1	<0.2	87.5	0.09	0.06	0.37	0.018	0.06
403565		330	2.5	1.6	<0.002	0.16	0.14	0.8	<1	<0.2	92.0	0.11	<0.05	0.52	0.022	0.05
403566		70	0.5	0.2	<0.002	<0.01	0.08	0.1	<1	0.9	73.0	<0.05	<0.05	0.07	0.005	<0.02
403567		420	2.0	0.8	<0.002	0.30	0.11	0.7	<1	<0.2	85.3	0.08	<0.05	0.56	0.022	<0.02
403568		190	1.3	0.7	0.002	0.07	0.09	0.4	<1	<0.2	46.2	0.06	<0.05	0.24	0.015	0.02
403569		280	1.9	1.3	<0.002	0.14	0.10	0.7	<1	0.2	69.5	0.08	<0.05	0.32	0.027	0.02
403570		380	2.3	2.9	<0.002	0.12	0.11	1.4	<1	<0.2	90.5	0.17	<0.05	0.67	0.051	0.06

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CERTIFICAT D'ANALYSE VO18184045

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403551		0.1	8	0.1	4.3	10	1.6
403552		0.3	17	0.2	6.3	8	4.6
403553		0.4	22	0.2	5.2	18	6.4
403554		0.1	10	0.2	4.6	8	3.3
403555		0.1	11	0.2	3.7	6	4.1
403556		0.2	18	0.3	4.2	8	6.1
403557		0.2	14	0.3	5.0	5	4.4
403558		0.3	18	0.9	5.1	7	5.3
403559		1.3	156	2.4	22.0	138	159.0
403560		0.2	14	0.2	5.6	5	4.0
403561		0.2	13	0.1	5.1	5	4.2
403562		0.3	17	0.2	5.2	6	5.5
403563		0.2	14	0.1	4.6	5	4.5
403564		0.3	20	0.1	5.5	11	7.9
403565		0.4	21	0.2	6.1	11	8.5
403566		0.3	1	0.2	2.1	2	1.3
403567		0.3	17	0.1	4.7	13	6.1
403568		0.1	10	0.2	2.9	5	4.4
403569		0.3	16	0.2	4.3	7	7.6
403570		0.6	28	0.3	5.2	13	15.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184045

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 16-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18184053

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-017

Ce rapport s'applique aux 6 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-JUIL-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL-LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

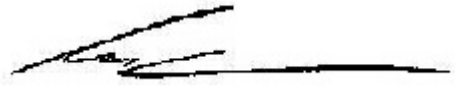
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 16-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184053

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
403545		1.55	0.089	0.01	0.26	0.5	20	0.26	0.01	5.18	0.09	8.31	2.6	9	0.32	5.0
403546		0.26	<0.001	<0.01	0.12	<0.2	20	0.09	0.01	34.1	<0.02	0.96	0.9	4	<0.05	1.5
403547		2.21	0.421	0.01	0.40	0.3	50	0.35	0.02	9.98	0.22	8.56	3.2	7	1.04	7.1
403548		2.29	0.176	0.01	0.36	1.9	30	0.26	0.01	7.79	0.17	9.15	3.1	10	0.75	6.8
403549		2.33	0.117	0.06	0.16	0.3	20	0.33	0.01	9.92	0.08	6.87	3.3	4	0.71	4.3
403550		2.49	0.002	0.01	0.16	0.3	10	0.30	0.02	9.48	0.11	6.75	3.1	5	0.63	4.1

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Finalisée date: 16-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184053

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
403545		14.70	1.13	0.07	0.1	<0.005	0.006	0.04	5.1	1.5	3.18	5420	0.35	0.01	0.8	2.8
403546		0.22	0.45	<0.05	<0.1	<0.005	<0.005	0.01	1.2	1.1	1.52	120	0.05	0.06	0.2	0.5
403547		14.10	1.43	0.08	0.2	<0.005	0.008	0.09	5.2	3.0	5.01	5920	0.52	0.01	0.8	2.8
403548		13.55	1.39	0.07	0.1	0.006	0.006	0.06	5.8	2.4	4.29	5360	0.48	0.01	1.0	2.4
403549		15.40	0.78	0.09	0.1	<0.005	<0.005	0.04	4.3	1.5	5.31	5960	0.46	0.01	0.9	2.4
403550		15.65	0.84	0.07	0.1	<0.005	0.005	0.03	4.3	1.3	5.26	6470	0.38	<0.01	0.7	2.5

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Finalisée date: 16-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184053

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
403545		320	2.1	1.6	<0.002	0.23	0.07	0.4	<1	<0.2	74.0	<0.05	<0.05	0.15	0.010	0.05
403546		60	<0.5	0.3	<0.002	<0.01	0.08	0.4	<1	<0.2	80.0	<0.05	<0.05	0.07	0.006	<0.02
403547		190	3.0	4.0	<0.002	0.25	0.07	0.9	<1	<0.2	182.5	0.09	<0.05	0.24	0.009	0.11
403548		240	2.4	2.6	<0.002	0.28	0.07	0.6	1	<0.2	131.5	0.08	<0.05	0.19	0.008	0.08
403549		220	3.4	2.1	<0.002	0.16	0.06	0.5	1	<0.2	103.5	0.06	<0.05	0.19	0.010	0.06
403550		220	3.2	1.5	<0.002	0.17	0.06	0.4	<1	<0.2	101.0	0.05	<0.05	0.16	0.009	0.05

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Finalisée date: 16-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184053

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
403545		0.2	15	0.1	4.6	15	3.3
403546		0.1	2	<0.1	2.2	3	1.5
403547		0.2	22	0.1	6.0	21	7.0
403548		0.2	20	0.2	5.7	18	4.8
403549		0.2	15	0.1	5.0	11	4.9
403550		0.2	13	0.2	5.2	11	3.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184053

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU-31	CRU-QC	LOG-21	PUL-31
PUL-QC	SPL-21	WEI-21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date:
16- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18184062

Projet: Kan

Bon de commande #: KANDH18- 051

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- JUIL- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HOULE LIZ STOCK	PAUL DOBAK AUDREY ROUSSEL- LALIER CORPORATIF WEBTRIEVE	SIMON HEBERT LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

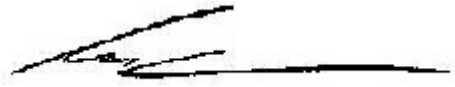
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
16- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184062

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457001		5.28	0.003	0.09	5.95	29.9	260	0.56	0.02	6.31	0.09	9.73	40.6	106	0.89	150.0
457002		4.18	<0.001	0.03	4.14	<0.2	190	0.46	0.01	6.58	0.05	9.98	29.0	74	3.82	67.6
457003		3.77	<0.001	0.03	6.64	0.3	140	0.37	0.01	6.32	0.06	8.44	43.6	119	2.87	72.9
457004		4.60	0.001	0.02	6.21	0.4	150	0.38	0.01	6.14	0.07	7.18	41.3	113	2.82	80.9
457005		2.31	<0.001	0.01	6.01	<0.2	40	0.25	0.01	6.83	0.06	5.94	39.1	102	0.78	23.2
457006		3.24	<0.001	0.03	6.15	0.3	30	0.22	0.01	6.23	0.06	5.29	78.7	295	0.28	94.8
457007		4.33	<0.001	0.02	5.91	1.1	30	0.21	0.01	6.04	0.05	5.26	77.8	244	0.26	82.3
457008		4.87	<0.001	0.04	5.53	1.1	40	0.20	0.01	5.78	0.06	4.75	80.1	250	0.29	113.0
457009		0.07	0.674	0.21	7.14	20.9	340	1.42	0.13	4.50	0.20	46.1	43.7	194	1.80	56.0
457010		4.29	<0.001	0.03	6.14	5.6	20	0.21	0.02	6.13	0.07	5.34	80.3	248	0.25	112.5
457011		4.72	0.001	0.04	6.26	11.4	20	0.22	0.02	6.51	0.10	5.17	84.3	265	0.32	126.5
457012		4.95	<0.001	0.03	6.60	9.9	20	0.25	0.01	6.47	0.07	5.29	71.2	263	0.25	119.0
457013		4.60	<0.001	0.05	7.03	0.9	10	0.30	0.01	6.37	0.14	10.20	54.9	203	0.23	215
457014		4.52	<0.001	0.01	7.06	0.3	40	0.37	0.01	6.63	0.03	10.60	49.5	105	2.06	93.5
457015		4.95	<0.001	0.02	7.79	0.9	10	0.31	0.01	7.12	0.07	8.83	41.7	167	0.66	96.4
457016		0.24	<0.001	<0.01	0.08	<0.2	10	<0.05	0.01	33.5	<0.02	0.92	0.9	2	<0.05	2.1
457017		5.11	<0.001	0.03	8.02	2.8	10	0.32	0.01	7.49	0.08	7.65	45.2	243	0.39	127.0
457018		5.19	<0.001	0.04	6.82	0.4	10	0.28	0.01	7.06	0.09	10.10	42.2	82	0.27	98.2
457019		3.63	<0.001	0.04	7.36	7.8	10	0.29	0.01	7.15	0.08	8.22	44.6	246	0.18	104.0
457020		4.79	<0.001	0.09	7.70	4.6	10	0.27	0.03	7.00	0.11	9.24	46.8	198	0.21	144.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
16- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184062

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457001		8.90	13.95	0.09	1.3	0.009	0.070	0.83	3.8	29.1	3.84	2240	0.20	0.65	3.3	76.0
457002		10.15	10.30	0.07	0.8	0.022	0.050	0.73	4.1	20.1	3.82	2350	0.18	0.51	3.5	53.1
457003		8.49	15.75	0.08	0.8	0.011	0.065	0.94	3.0	33.8	3.89	1300	0.11	1.70	3.0	88.1
457004		8.49	15.35	0.08	0.7	0.020	0.060	1.01	2.5	34.1	3.98	1380	0.09	1.24	3.0	73.9
457005		8.57	14.70	0.07	1.0	<0.005	0.046	0.24	2.1	35.2	4.32	1540	0.10	0.97	2.9	70.5
457006		8.35	13.85	0.08	0.7	0.018	0.042	0.15	2.0	32.9	7.85	1260	0.16	0.98	1.8	502
457007		8.17	13.05	0.07	0.6	0.018	0.042	0.13	1.9	31.0	7.72	1210	0.17	0.90	1.9	492
457008		8.49	11.85	0.08	0.5	0.016	0.037	0.18	1.7	32.7	8.33	1280	0.13	0.91	1.7	523
457009		7.40	19.00	0.10	3.5	0.021	0.065	0.87	20.4	13.6	2.90	949	2.20	1.74	20.3	149.0
457010		8.47	13.20	0.08	0.5	0.022	0.043	0.10	2.0	30.7	8.07	1270	0.12	0.98	2.0	494
457011		9.27	12.40	0.08	0.4	0.020	0.040	0.10	2.0	32.9	8.82	1400	0.17	0.67	1.7	517
457012		8.16	14.25	0.08	0.5	0.024	0.042	0.09	2.0	27.8	6.91	1230	0.14	1.23	1.7	392
457013		7.96	15.90	0.07	1.1	0.030	0.069	0.04	3.6	21.2	5.56	1220	0.14	1.87	3.5	238
457014		9.33	16.50	0.07	1.1	0.026	0.076	0.25	3.6	18.5	4.66	1340	0.16	1.29	3.9	151.5
457015		7.99	17.10	0.05	1.1	0.015	0.066	0.07	3.1	12.0	3.94	1300	0.21	1.89	3.2	109.5
457016		0.19	0.26	<0.05	<0.1	<0.005	<0.005	0.01	1.1	0.8	1.57	101	<0.05	0.03	0.1	0.8
457017		7.55	16.85	0.06	0.8	0.045	0.058	0.05	2.8	14.6	4.54	1260	0.24	1.99	2.7	146.0
457018		8.70	17.45	0.06	1.2	0.037	0.080	0.04	3.6	10.2	3.85	1340	0.24	1.59	3.9	74.9
457019		7.64	16.60	0.07	0.7	0.023	0.058	0.03	3.0	15.0	4.62	1200	0.18	1.95	2.7	162.5
457020		8.17	17.05	0.06	0.8	0.020	0.065	0.02	3.3	21.7	4.51	1240	1.65	1.91	3.3	151.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18184062

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457001		400	3.3	12.0	<0.002	0.05	0.18	38.6	1	0.5	84.3	0.20	<0.05	0.35	0.595	0.05
457002		330	1.5	20.1	<0.002	0.03	0.26	25.9	1	0.4	83.2	0.19	<0.05	0.67	0.396	0.09
457003		400	2.2	28.9	0.002	0.01	0.17	45.5	1	0.3	99.3	0.18	<0.05	0.23	0.674	0.18
457004		330	3.3	29.6	<0.002	0.03	0.23	43.9	1	0.2	92.0	0.19	<0.05	0.21	0.643	0.20
457005		200	2.3	6.6	<0.002	<0.01	0.20	38.9	<1	0.3	88.7	0.16	<0.05	0.21	0.564	0.05
457006		230	1.3	4.1	<0.002	0.05	0.96	9.0	1	0.4	114.0	0.11	<0.05	0.16	0.359	0.03
457007		230	1.2	3.9	<0.002	0.06	0.83	10.0	1	0.4	103.5	0.12	<0.05	0.15	0.355	0.03
457008		200	1.4	5.6	<0.002	0.05	0.76	9.0	1	0.3	75.5	0.10	<0.05	0.13	0.331	0.03
457009		1160	13.9	29.1	<0.002	0.02	0.97	21.3	<1	1.6	354	1.14	0.05	4.31	0.936	0.17
457010		240	1.5	2.9	<0.002	0.05	0.85	13.0	1	0.4	92.3	0.13	<0.05	0.17	0.378	0.03
457011		200	1.7	3.5	<0.002	0.03	0.79	16.0	1	0.4	79.5	0.11	<0.05	0.15	0.357	0.03
457012		210	1.3	2.4	<0.002	0.02	1.06	15.0	1	0.4	117.0	0.11	<0.05	0.14	0.370	0.02
457013		450	1.5	1.0	0.002	0.07	0.92	27.0	1	0.8	109.5	0.22	<0.05	0.33	0.635	<0.02
457014		490	1.8	16.0	0.002	0.26	0.74	45.6	1	0.9	111.5	0.26	<0.05	0.30	0.946	0.19
457015		370	2.2	4.0	<0.002	0.02	1.34	37.9	<1	0.5	163.0	0.22	<0.05	0.25	0.650	0.06
457016		70	<0.5	0.2	<0.002	<0.01	0.05	0.4	<1	<0.2	79.9	<0.05	<0.05	0.06	0.008	<0.02
457017		320	2.4	1.8	0.002	0.07	1.72	37.4	<1	0.4	169.5	0.17	<0.05	0.23	0.568	0.06
457018		480	3.2	1.3	0.002	0.12	1.26	44.9	1	0.5	138.0	0.24	<0.05	0.30	0.845	0.03
457019		310	2.4	0.6	<0.002	0.03	2.19	40.5	<1	0.5	169.5	0.17	<0.05	0.22	0.577	0.02
457020		410	12.5	0.8	0.004	0.12	1.77	36.2	<1	0.6	141.5	0.20	<0.05	0.28	0.649	0.02

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CERTIFICAT D'ANALYSE VO18184062

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457001		0.1	316	0.6	7.4	77	38.1
457002		0.3	201	0.2	6.1	37	32.4
457003		0.1	349	0.1	17.1	61	34.1
457004		0.1	334	0.1	20.3	69	29.2
457005		0.1	262	0.1	21.8	76	33.8
457006		<0.1	187	0.1	12.9	75	25.2
457007		<0.1	179	0.1	13.0	72	20.1
457008		<0.1	176	0.1	11.8	77	15.3
457009		1.0	150	2.0	19.7	131	151.0
457010		<0.1	190	0.1	13.6	75	18.7
457011		<0.1	186	0.1	13.1	85	13.5
457012		<0.1	196	0.1	13.5	72	14.1
457013		0.1	296	0.1	25.1	70	39.4
457014		0.1	453	0.2	26.1	79	40.4
457015		0.1	321	0.2	20.9	76	34.4
457016		0.1	2	<0.1	2.0	5	1.4
457017		0.1	279	0.2	18.0	70	26.0
457018		0.1	404	0.2	25.0	73	36.2
457019		0.1	286	0.2	18.8	68	21.2
457020		0.1	304	0.2	21.3	83	24.6

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CERTIFICAT D'ANALYSE VO18184062

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
22- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18189323

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 022

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- AOUT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18189323

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403631		2.42	0.157	0.32	0.62	3.8	30	0.22	0.17	3.73	0.13	16.45	6.8	24	0.72	27.8
403632		2.33	0.283	0.12	1.45	11.5	40	0.36	0.09	2.94	0.09	64.4	10.9	44	0.78	18.0
403633		2.78	0.098	0.12	0.22	8.0	10	0.16	0.10	1.34	0.05	9.77	11.4	7	0.59	28.6
403634		2.57	0.032	0.34	0.18	0.9	10	0.16	0.11	2.48	0.09	10.10	4.4	5	1.08	16.9
403635		1.82	0.005	0.34	0.46	2.4	10	0.12	0.08	2.79	0.23	15.55	7.3	9	0.25	104.5
403636		2.53	0.002	0.12	0.54	4.0	10	0.35	0.04	4.30	0.16	14.40	6.9	19	0.07	34.7
403637		2.51	0.003	0.09	0.78	3.6	<10	0.85	0.04	1.75	0.06	15.05	7.5	21	0.05	13.0
403638		2.40	<0.001	0.08	0.59	3.5	<10	0.95	0.03	1.49	0.57	11.10	6.4	19	<0.05	11.0
403639		0.07	2.54	0.46	6.95	12.6	320	1.18	0.17	4.85	0.08	44.8	53.2	316	0.69	79.3
403640		2.47	0.001	0.06	0.61	14.8	<10	0.64	0.03	2.11	<0.02	12.50	7.4	21	<0.05	10.2
403641		2.38	0.012	0.08	0.59	5.2	<10	0.80	0.04	1.34	<0.02	13.30	7.7	18	<0.05	6.3
403642		2.17	<0.001	0.04	0.44	4.8	<10	0.62	0.04	2.29	<0.02	10.60	7.5	14	<0.05	4.4
403643		2.05	<0.001	0.06	0.33	14.4	10	0.49	0.03	3.53	<0.02	10.65	6.1	14	<0.05	3.4
403644		2.34	<0.001	0.07	0.41	7.3	10	0.99	0.04	2.42	0.02	9.09	6.4	15	<0.05	4.5
403645		2.16	<0.001	0.05	0.30	0.7	<10	0.77	0.02	7.39	0.04	9.11	3.8	15	<0.05	2.8
403646		0.24	<0.001	<0.01	0.06	<0.2	10	0.07	0.02	33.7	<0.02	0.91	0.5	2	<0.05	0.7
403647		2.07	<0.001	0.03	0.06	1.1	<10	0.20	0.02	4.90	0.45	5.15	2.0	14	<0.05	2.9
403648		2.05	<0.001	0.03	0.05	2.2	<10	0.17	0.02	1.96	0.21	2.62	1.3	15	<0.05	1.2
403649		2.01	<0.001	0.04	0.06	1.9	<10	0.26	0.02	4.41	0.02	4.22	1.3	15	<0.05	1.4
403650		2.11	<0.001	0.03	0.09	7.2	<10	0.55	0.02	7.85	0.04	6.10	2.1	11	0.06	1.4

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189323

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403631		14.40	2.93	0.05	0.5	0.019	0.067	0.24	8.3	6.6	3.08	5390	0.77	0.01	3.3	13.0
403632		21.3	8.40	0.09	1.1	0.012	0.080	0.40	37.3	15.4	4.04	4370	3.53	0.01	6.1	20.1
403633		27.4	1.16	0.06	0.2	<0.005	0.076	0.05	6.3	2.3	4.18	4120	0.58	<0.01	1.6	6.1
403634		24.1	1.10	0.06	0.1	<0.005	0.105	0.05	6.2	2.5	4.01	4630	0.39	<0.01	1.4	4.3
403635		24.5	2.08	0.06	0.2	<0.005	0.102	0.09	8.3	4.4	4.28	8390	1.20	<0.01	1.9	26.9
403636		20.0	2.57	0.05	0.4	0.007	0.015	0.04	7.9	4.6	3.53	11000	1.24	<0.01	3.0	19.3
403637		24.2	3.81	0.06	0.7	<0.005	0.019	<0.01	8.0	4.0	3.33	15450	0.50	<0.01	6.0	11.1
403638		20.6	2.84	0.05	0.4	<0.005	0.016	<0.01	5.9	2.2	2.83	12750	0.41	<0.01	4.1	8.3
403639		7.60	17.80	0.08	3.4	0.046	0.058	1.01	22.8	9.5	5.59	1050	2.87	2.03	29.9	352
403640		20.2	2.85	0.05	0.5	<0.005	0.014	<0.01	6.6	3.3	2.90	11750	0.54	<0.01	4.8	11.5
403641		21.7	2.68	0.06	0.5	<0.005	0.017	<0.01	7.0	4.6	2.96	11850	0.71	<0.01	4.4	9.2
403642		20.5	1.98	0.05	0.4	<0.005	0.009	<0.01	5.6	4.5	3.03	11150	0.74	<0.01	3.6	7.1
403643		16.15	1.57	0.05	0.3	<0.005	0.007	<0.01	6.5	4.6	2.88	9110	0.73	<0.01	2.6	6.4
403644		16.80	1.75	<0.05	0.3	<0.005	0.009	0.01	4.9	5.3	2.62	8550	0.91	<0.01	2.5	7.7
403645		12.65	1.66	<0.05	0.2	<0.005	0.008	0.01	5.2	5.0	3.93	5900	0.83	<0.01	1.1	5.5
403646		0.17	0.21	0.10	<0.1	<0.005	0.005	0.01	1.1	1.2	1.53	114	<0.05	0.03	0.1	0.3
403647		7.05	0.38	<0.05	<0.1	<0.005	0.005	<0.01	3.3	1.7	2.61	2020	0.51	<0.01	0.5	3.3
403648		5.63	0.36	<0.05	<0.1	<0.005	<0.005	<0.01	1.6	1.0	1.41	1700	0.38	<0.01	0.4	2.2
403649		5.42	0.39	<0.05	0.1	<0.005	<0.005	0.01	2.6	1.5	2.13	1650	0.42	<0.01	0.5	2.4
403650		8.82	0.54	<0.05	0.1	<0.005	<0.005	0.02	3.7	2.3	3.93	2640	0.33	<0.01	0.5	3.0

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Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403631		440	1.6	12.8	<0.002	0.77	0.08	2.0	2	0.4	120.5	0.21	0.27	0.85	0.054	0.54
403632		680	1.6	20.6	0.010	0.52	0.19	2.8	1	0.4	88.6	0.29	0.08	2.27	0.078	0.77
403633		380	0.9	2.6	<0.002	0.74	0.07	0.5	1	0.6	30.7	0.09	0.14	0.32	0.016	0.10
403634		410	0.8	3.5	<0.002	0.46	0.06	0.4	2	0.3	40.2	0.05	0.13	0.24	0.011	0.21
403635		520	1.5	3.8	<0.002	2.14	0.07	0.8	2	0.2	83.8	0.09	0.19	0.49	0.014	0.15
403636		680	1.7	1.2	<0.002	0.82	0.20	1.7	2	<0.2	53.3	0.17	0.08	0.69	0.051	0.06
403637		550	1.0	0.1	<0.002	0.38	0.18	2.6	2	0.2	29.3	0.37	0.06	1.11	0.122	<0.02
403638		380	0.9	0.1	<0.002	0.42	0.16	1.9	1	<0.2	23.5	0.25	0.05	0.68	0.085	<0.02
403639		1860	4.9	32.1	<0.002	0.03	0.34	22.7	1	1.3	491	1.59	0.10	2.79	1.050	0.07
403640		410	0.9	0.1	<0.002	0.20	0.15	1.9	1	<0.2	23.8	0.31	0.05	0.81	0.085	<0.02
403641		450	1.0	<0.1	<0.002	0.16	0.14	1.6	1	0.2	14.9	0.25	0.07	0.82	0.063	<0.02
403642		360	2.8	0.1	<0.002	0.12	0.11	1.1	1	0.2	20.8	0.19	<0.05	0.59	0.046	<0.02
403643		720	1.4	0.2	<0.002	0.09	0.13	0.9	1	<0.2	23.9	0.12	<0.05	0.38	0.037	<0.02
403644		260	1.1	0.7	<0.002	0.32	0.14	1.2	1	<0.2	18.9	0.11	0.07	0.45	0.041	0.03
403645		250	1.8	0.4	<0.002	0.25	0.14	1.1	1	<0.2	50.2	0.05	0.05	0.33	0.019	<0.02
403646		60	<0.5	0.2	<0.002	<0.01	0.06	0.1	2	<0.2	82.2	<0.05	<0.05	0.07	0.005	<0.02
403647		180	10.0	0.3	<0.002	0.25	0.14	0.2	1	<0.2	24.5	<0.05	<0.05	0.12	<0.005	0.02
403648		170	0.6	0.1	<0.002	0.21	0.11	0.1	<1	<0.2	10.4	<0.05	<0.05	0.07	<0.005	<0.02
403649		140	0.8	0.3	<0.002	0.25	0.10	0.2	1	<0.2	20.0	<0.05	<0.05	0.10	0.005	0.02
403650		120	1.4	1.1	<0.002	0.34	0.12	0.3	1	<0.2	33.6	<0.05	<0.05	0.15	0.005	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
22- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189323

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403631		0.6	40	0.2	6.1	49	20.8
403632		1.9	92	0.4	10.0	82	50.9
403633		0.3	18	0.3	4.9	34	8.3
403634		0.3	16	0.2	4.8	37	4.9
403635		0.4	26	0.2	6.9	90	9.1
403636		0.9	41	0.4	8.3	43	19.3
403637		0.7	70	0.3	8.6	20	31.6
403638		0.5	52	0.3	6.3	111	20.1
403639		0.6	149	3.4	21.4	105	143.5
403640		0.4	50	0.2	6.7	11	21.8
403641		0.5	54	0.4	6.5	12	20.9
403642		0.4	31	0.3	5.6	10	16.5
403643		0.2	28	0.4	6.0	6	12.0
403644		0.9	30	0.3	5.3	10	13.0
403645		0.9	22	0.3	8.6	18	8.5
403646		0.1	1	<0.1	2.3	3	1.2
403647		1.1	6	0.1	5.0	95	2.5
403648		0.8	4	0.3	2.3	63	2.9
403649		0.9	6	0.2	3.7	8	2.2
403650		0.8	9	0.2	7.0	17	2.8

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CERTIFICAT D'ANALYSE VO18189323

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU- 31	CRU- QC	LOG- 21	LOG- 23
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
22- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18189326

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 023

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- AOUT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

Finalisée date:
22- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189326

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403651		2.12	<0.001	0.07	0.39	3.9	10	0.32	0.04	5.16	0.07	10.80	8.6	22	0.07	4.7
403652		1.95	0.001	0.19	0.47	12.0	20	0.26	0.04	2.12	0.11	10.15	9.8	22	0.06	8.6
403653		2.04	0.002	0.25	0.49	8.6	10	0.23	0.03	1.49	4.44	11.00	7.8	27	<0.05	9.2
403654		2.84	<0.001	0.08	0.46	7.5	<10	0.48	0.04	1.51	0.08	12.05	8.9	15	<0.05	7.0
403655		1.91	<0.001	0.04	0.47	3.8	<10	0.24	0.03	1.55	0.02	12.35	6.7	23	<0.05	5.4
403656		2.21	<0.001	0.10	0.78	30.0	10	0.59	0.03	1.09	0.90	15.90	7.7	22	0.41	8.7
403657		2.22	<0.001	0.07	0.68	16.5	40	0.58	0.02	0.59	0.88	11.90	6.8	21	0.12	6.6
403658		1.70	<0.001	0.23	0.80	4.6	30	0.44	0.05	1.00	1.84	15.25	9.5	30	0.17	20.9
403659		0.06	7.67	1.27	5.90	32.9	300	0.85	0.47	2.89	0.08	31.1	41.4	327	0.61	112.0
403660		2.66	0.001	0.20	0.32	9.2	20	0.40	0.04	4.27	0.07	14.50	5.0	20	0.20	16.4
403661		2.03	<0.001	0.04	0.06	5.5	10	0.25	0.01	1.90	0.02	7.91	1.4	15	0.05	2.5
403662		2.04	<0.001	0.31	0.09	4.9	10	0.36	0.01	2.87	<0.02	7.28	1.4	13	0.06	2.3
403663		2.46	<0.001	0.03	0.21	13.4	10	0.45	0.01	5.85	<0.02	8.78	3.4	49	0.12	1.7
403664		2.32	<0.001	0.01	0.14	4.2	10	0.48	0.01	8.62	<0.02	7.61	2.6	19	0.10	1.8
403665		2.35	<0.001	0.02	0.37	4.4	20	0.85	0.02	6.36	<0.02	9.76	5.3	13	0.10	3.6
403666		0.27	0.001	<0.01	0.20	0.2	30	0.09	0.02	31.0	<0.02	1.07	0.5	1	<0.05	1.2
403667		2.11	<0.001	0.02	0.31	2.9	10	0.42	0.02	7.12	<0.02	7.72	4.2	22	<0.05	2.9
403668		1.98	<0.001	0.01	0.18	0.5	10	0.68	0.02	10.15	<0.02	6.89	3.2	13	0.05	2.3
403669		1.93	<0.001	0.01	0.34	4.2	20	0.54	0.02	9.06	<0.02	9.55	5.6	15	0.07	3.6
403670		2.39	0.005	0.03	0.37	14.2	20	0.59	0.02	8.28	0.03	10.70	4.7	16	0.11	5.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
22- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189326

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403651		13.55	1.85	<0.05	0.2	<0.005	0.011	0.03	6.3	5.2	3.35	6210	1.13	<0.01	1.5	9.2
403652		14.80	2.29	0.05	0.4	0.005	0.013	0.03	5.3	5.4	2.41	7970	1.33	<0.01	3.0	15.2
403653		11.90	2.52	<0.05	0.4	0.037	0.018	0.01	5.6	5.3	1.83	7130	1.68	<0.01	3.5	14.7
403654		19.20	2.20	0.05	0.3	<0.005	0.011	0.03	6.5	4.3	2.68	10300	0.76	<0.01	3.2	7.9
403655		17.80	2.55	0.05	0.5	<0.005	0.015	<0.01	6.2	4.5	2.51	10550	0.61	<0.01	4.2	8.3
403656		19.75	4.20	0.06	0.7	0.015	0.022	0.04	8.2	3.7	2.89	17600	0.68	0.01	5.7	12.7
403657		18.30	3.19	0.05	0.5	0.009	0.017	0.06	6.2	10.9	2.76	12500	0.76	<0.01	3.9	11.0
403658		14.35	3.72	0.05	0.7	0.029	0.024	0.12	7.8	11.0	2.11	10050	4.54	0.01	4.2	17.4
403659		5.42	15.90	0.07	2.4	0.168	0.045	1.03	14.5	15.4	3.90	728	5.61	1.16	16.3	239
403660		10.10	1.54	<0.05	0.3	0.008	0.010	0.11	7.7	4.1	2.79	1780	3.38	0.01	2.9	18.5
403661		13.15	0.52	<0.05	0.1	<0.005	<0.005	0.01	4.7	1.4	2.70	2100	0.60	<0.01	0.5	4.3
403662		10.90	0.97	<0.05	0.1	<0.005	<0.005	0.03	4.2	2.2	2.78	2050	0.38	<0.01	0.8	4.3
403663		11.90	1.50	<0.05	0.2	<0.005	0.005	0.05	4.8	4.2	4.05	2690	0.67	<0.01	2.5	9.8
403664		10.15	0.87	<0.05	0.1	<0.005	<0.005	0.04	4.5	3.4	4.52	3080	0.39	<0.01	1.1	4.7
403665		16.20	1.91	<0.05	0.3	<0.005	0.008	0.07	5.2	5.2	4.09	7080	0.52	<0.01	2.4	6.0
403666		0.27	0.70	0.05	0.1	<0.005	<0.005	0.08	1.1	1.0	1.27	140	<0.05	0.10	0.3	0.2
403667		13.15	1.55	<0.05	0.2	<0.005	0.008	0.01	3.9	4.9	3.64	5700	0.46	<0.01	2.0	5.3
403668		13.15	0.92	<0.05	0.1	<0.005	0.007	0.03	3.5	4.0	4.60	6330	0.40	<0.01	1.3	3.4
403669		14.40	1.73	<0.05	0.2	<0.005	0.008	0.05	5.4	6.6	4.63	6190	0.79	<0.01	1.7	7.4
403670		12.20	1.71	<0.05	0.3	0.009	0.009	0.08	6.0	6.7	3.98	5250	1.13	<0.01	1.6	6.4

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QUEBEC QC G1K 7R1

Finalisée date:
22- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189326

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403651		460	1.5	1.5	<0.002	0.36	0.16	1.2	1	<0.2	31.5	0.07	<0.05	0.42	0.030	0.07
403652		320	4.0	1.7	<0.002	0.52	0.21	1.6	1	0.2	16.4	0.14	<0.05	0.51	0.048	0.07
403653		360	2.1	0.4	0.003	0.54	0.30	1.4	1	0.4	13.2	0.17	0.05	0.51	0.050	0.02
403654		570	1.7	0.7	<0.002	0.35	0.16	1.2	1	<0.2	16.5	0.17	0.05	0.53	0.039	0.04
403655		370	0.7	0.1	<0.002	0.05	0.14	1.5	<1	0.2	20.5	0.25	<0.05	0.71	0.067	<0.02
403656		540	1.3	1.2	<0.002	0.18	0.16	2.6	<1	0.2	25.2	0.35	0.05	0.89	0.127	0.02
403657		480	0.6	2.3	<0.002	0.30	0.12	2.0	1	0.3	14.6	0.30	<0.05	0.61	0.069	0.09
403658		440	1.4	3.4	0.004	1.08	0.28	2.7	1	0.3	20.8	0.24	0.07	0.96	0.071	0.19
403659		1070	8.9	37.6	<0.002	0.08	0.72	21.7	1	1.0	269	0.92	0.24	2.22	0.652	0.18
403660		340	1.9	3.0	0.002	1.82	0.45	0.9	1	<0.2	38.0	0.16	0.07	0.51	0.032	0.21
403661		240	0.5	0.6	<0.002	0.31	0.12	0.2	<1	<0.2	13.0	<0.05	<0.05	0.09	0.005	0.04
403662		160	<0.5	1.4	<0.002	0.19	0.11	0.3	<1	<0.2	20.0	<0.05	<0.05	0.13	0.005	0.05
403663		230	0.6	2.6	<0.002	0.21	0.14	0.5	<1	<0.2	37.5	0.12	<0.05	0.51	0.023	0.06
403664		280	0.8	1.8	<0.002	0.12	0.10	0.4	1	<0.2	46.1	0.05	<0.05	0.22	0.010	0.04
403665		400	0.8	2.5	<0.002	0.11	0.10	1.1	1	<0.2	39.3	0.12	<0.05	0.41	0.039	0.05
403666		60	<0.5	1.9	<0.002	0.01	0.05	0.2	1	<0.2	74.8	<0.05	<0.05	0.12	<0.005	0.02
403667		150	0.8	0.5	<0.002	0.09	0.07	1.0	1	<0.2	72.9	0.09	<0.05	0.35	0.034	<0.02
403668		130	0.9	1.0	<0.002	0.04	0.13	0.7	<1	<0.2	101.0	0.06	<0.05	0.23	0.022	0.02
403669		460	0.7	2.0	<0.002	0.10	0.11	1.1	<1	<0.2	78.1	0.09	<0.05	0.37	0.030	0.06
403670		540	1.3	2.4	<0.002	0.39	0.22	1.2	1	<0.2	89.7	0.08	<0.05	0.49	0.022	0.11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
22- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189326

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403651		1.1	27	0.5	7.2	30	11.1
403652		1.6	34	0.3	6.0	32	15.0
403653		2.3	38	1.0	5.6	1010	17.8
403654		0.5	30	0.6	6.0	24	15.6
403655		0.5	41	0.4	7.2	11	19.3
403656		0.8	69	0.4	7.4	261	28.4
403657		0.4	59	0.7	4.9	244	20.8
403658		2.2	63	0.6	6.5	517	32.4
403659		0.5	140	8.9	14.9	82	95.5
403660		2.5	17	0.4	6.4	27	15.1
403661		0.6	6	0.7	4.5	10	2.9
403662		0.4	12	0.9	4.3	8	3.8
403663		1.0	17	0.6	5.7	8	8.0
403664		0.6	12	0.6	7.4	4	4.1
403665		0.4	28	0.7	6.0	7	10.8
403666		0.2	2	0.1	2.1	3	2.3
403667		0.4	24	0.5	5.1	6	9.5
403668		0.3	17	1.2	5.5	6	5.5
403669		0.5	26	0.7	6.7	7	9.4
403670		1.0	26	0.6	7.0	17	11.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18189326

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18189327

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-024

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

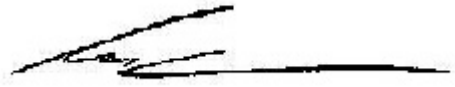
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 22-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189327

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
403671		2.38	<0.001	0.02	0.15	5.6	10	0.32	0.01	4.46	0.03	19.75	3.9	23	0.09	5.6
403672		2.02	<0.001	0.02	0.03	1.6	10	0.40	0.01	1.17	<0.02	7.87	1.2	12	<0.05	1.4
403673		2.07	<0.001	0.01	0.12	3.9	10	0.60	0.01	2.31	<0.02	8.25	2.4	12	<0.05	2.4
403674		2.30	<0.001	0.01	0.11	5.2	10	0.41	0.01	5.97	<0.02	6.23	1.9	20	0.07	1.7
403675		2.34	<0.001	0.04	0.25	6.1	10	1.00	0.02	5.53	<0.02	8.14	4.3	16	0.11	3.8
403676		2.21	<0.001	0.03	0.35	2.8	20	1.02	0.02	1.67	<0.02	9.56	6.6	11	<0.05	4.0
403677		2.05	<0.001	0.02	0.43	4.5	10	0.84	0.03	2.21	<0.02	12.25	7.8	13	<0.05	6.1
403678		2.29	<0.001	0.04	0.15	8.3	20	0.33	0.01	7.21	<0.02	7.40	3.5	28	0.11	3.0
403679		0.06	0.665	0.20	7.02	19.9	330	1.26	0.14	4.37	0.21	51.1	43.8	186	1.86	54.7
403680		2.51	<0.001	0.02	0.37	2.2	10	1.21	0.02	5.74	<0.02	9.77	5.4	18	0.09	3.8
403681		2.44	<0.001	0.04	0.42	2.3	10	0.68	0.02	1.51	<0.02	9.85	6.4	15	<0.05	4.4
403682		2.49	0.005	0.08	0.51	4.3	<10	0.70	0.03	1.99	<0.02	13.15	7.2	15	0.17	6.3
403683		2.09	<0.001	0.08	0.69	2.3	30	1.16	0.03	1.47	0.03	15.65	8.0	21	6.45	11.0
403684		2.07	<0.001	0.04	0.52	2.2	30	1.36	0.02	0.90	<0.02	12.95	7.6	15	5.47	10.9
403685		2.13	<0.001	0.14	0.79	2.5	40	1.47	0.02	0.71	<0.02	15.55	8.1	20	9.03	5.6
403686		0.25	0.001	<0.01	0.06	0.3	20	<0.05	0.01	31.7	<0.02	1.02	0.5	1	0.09	0.7
403687		2.33	0.001	0.04	0.97	39.5	60	1.56	0.02	0.45	<0.02	15.85	10.1	25	11.40	9.5
403688		3.29	<0.001	0.03	0.87	2.4	60	1.50	0.03	0.51	0.03	14.70	7.8	23	9.17	13.7
403689		2.13	0.039	0.84	6.35	158.0	70	1.04	0.26	0.57	1.90	73.4	25.3	66	2.60	87.3
403690		1.73	0.002	0.01	6.92	87.0	30	0.45	0.01	0.37	0.03	9.69	53.5	162	0.45	2.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 22-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189327

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
403671		10.45	1.14	<0.05	0.2	0.011	0.007	0.06	9.9	3.1	3.24	2000	0.74	<0.01	2.4	10.1
403672		13.80	0.34	<0.05	<0.1	0.009	<0.005	0.01	4.8	1.0	2.59	1980	0.17	<0.01	0.4	2.9
403673		14.20	0.91	<0.05	0.1	0.009	0.006	0.02	4.9	2.3	2.88	2290	0.51	<0.01	0.9	4.6
403674		9.21	0.86	<0.05	0.1	0.012	<0.005	0.04	3.7	2.9	3.35	2380	0.45	<0.01	0.6	4.0
403675		13.85	1.48	<0.05	0.2	0.009	0.005	0.03	4.4	3.6	3.45	5740	0.50	<0.01	1.5	5.5
403676		21.0	1.99	0.06	0.3	<0.005	0.008	0.01	5.2	3.5	2.58	9670	0.56	<0.01	2.9	6.0
403677		20.8	2.59	0.05	0.4	0.005	0.010	<0.01	6.6	4.1	2.78	13450	0.58	<0.01	3.6	8.3
403678		10.65	0.85	<0.05	0.1	0.015	0.005	0.03	4.3	2.9	3.92	3700	0.60	<0.01	1.2	7.1
403679		7.22	20.3	0.08	3.8	0.021	0.064	0.87	21.8	13.9	2.84	913	2.24	1.70	19.9	141.5
403680		15.35	2.06	<0.05	0.2	<0.005	0.009	0.02	5.2	4.4	3.75	7020	0.56	<0.01	2.3	6.8
403681		20.1	2.15	0.05	0.4	<0.005	0.012	<0.01	5.3	2.8	2.57	10100	0.53	<0.01	3.4	7.5
403682		20.5	2.63	0.05	0.5	0.013	0.012	0.01	7.0	2.1	2.82	12300	0.35	<0.01	4.0	7.8
403683		20.4	3.42	0.06	0.6	0.096	0.017	0.33	7.8	0.9	2.83	12350	0.40	0.12	5.6	10.6
403684		22.4	2.85	0.06	0.5	0.090	0.012	0.31	6.5	0.6	3.05	13200	0.31	0.10	4.5	8.0
403685		21.1	4.23	0.06	0.7	0.058	0.016	0.47	7.9	0.8	3.05	15100	0.51	0.16	5.9	12.5
403686		0.26	0.22	0.08	<0.1	<0.005	<0.005	0.01	1.1	0.7	1.33	197	<0.05	0.03	0.1	0.2
403687		21.9	5.12	0.06	0.7	0.097	0.019	0.55	8.3	0.9	2.79	15600	0.69	0.20	5.9	14.9
403688		20.7	4.40	0.14	0.6	0.110	0.024	0.49	7.4	0.9	2.60	14850	1.54	0.18	5.1	19.9
403689		16.75	17.70	0.19	4.0	0.767	0.120	2.48	41.1	21.2	0.70	160	18.20	0.40	16.2	131.0
403690		12.60	16.75	0.11	1.6	0.006	0.042	0.17	4.2	43.8	5.49	1300	0.40	0.24	8.1	157.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 22-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189327

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
403671		560	0.8	2.0	<0.002	0.29	0.24	0.9	1	<0.2	35.5	0.16	<0.05	0.44	0.020	0.08
403672		360	0.5	0.4	<0.002	0.11	0.13	0.1	<1	<0.2	7.7	<0.05	<0.05	0.07	<0.005	0.02
403673		270	<0.5	0.9	<0.002	0.20	0.09	0.3	<1	<0.2	15.6	0.05	<0.05	0.15	0.008	0.03
403674		130	0.6	1.6	<0.002	0.18	0.25	0.3	<1	<0.2	31.4	<0.05	<0.05	0.18	0.005	0.04
403675		260	0.9	1.6	<0.002	0.18	0.10	0.8	1	<0.2	32.3	0.08	<0.05	0.32	0.024	0.04
403676		400	0.6	0.5	<0.002	0.08	0.07	1.1	1	0.2	25.8	0.12	<0.05	0.40	0.044	<0.02
403677		430	0.8	0.2	<0.002	0.11	0.08	1.3	1	0.2	22.9	0.19	<0.05	0.56	0.049	<0.02
403678		200	1.0	1.4	<0.002	0.23	0.44	0.5	<1	<0.2	61.3	0.06	<0.05	0.25	0.014	0.05
403679		1110	13.2	36.0	<0.002	0.02	0.96	21.1	<1	1.7	345	1.15	<0.05	4.68	0.898	0.19
403680		400	0.8	1.3	<0.002	0.10	0.07	1.1	1	<0.2	40.1	0.11	<0.05	0.44	0.037	0.03
403681		420	0.7	0.2	<0.002	0.10	0.06	1.3	1	0.2	23.3	0.15	<0.05	0.49	0.055	<0.02
403682		490	0.8	0.3	<0.002	0.10	0.07	1.4	1	0.2	24.0	0.23	<0.05	0.62	0.051	<0.02
403683		450	0.8	11.0	<0.002	0.14	0.29	2.1	1	0.2	32.4	0.36	<0.05	1.05	0.091	0.03
403684		450	0.7	9.5	<0.002	0.14	0.63	1.7	1	0.2	19.1	0.28	0.05	0.67	0.082	0.04
403685		530	1.3	15.1	<0.002	0.07	0.97	2.7	<1	0.2	14.8	0.36	<0.05	0.90	0.122	0.07
403686		50	<0.5	0.3	<0.002	<0.01	0.05	0.2	1	<0.2	76.2	<0.05	<0.05	0.08	0.005	<0.02
403687		590	1.2	18.9	<0.002	0.15	0.85	3.2	<1	0.3	9.0	0.32	0.09	0.93	0.125	0.11
403688		560	6.9	17.5	0.002	0.11	0.91	2.7	1	0.3	10.5	0.28	0.05	0.89	0.116	0.07
403689		190	64.0	60.1	0.023	>10.0	17.35	10.1	4	2.2	32.9	1.06	0.83	6.02	0.203	3.31
403690		490	1.5	4.7	0.003	0.08	0.31	46.8	<1	1.7	15.6	0.20	<0.05	0.30	0.735	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 22-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189327

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
403671		1.1	12	0.4	7.1	10	8.9
403672		0.1	4	0.2	4.9	5	1.9
403673		0.4	17	0.6	4.9	4	3.8
403674		0.9	12	0.3	4.9	3	3.7
403675		0.6	19	0.3	6.2	5	7.3
403676		0.3	30	0.6	5.2	7	12.8
403677		0.4	34	0.4	6.1	9	17.4
403678		0.7	13	0.3	5.9	7	5.5
403679		1.1	144	2.2	20.2	127	148.0
403680		0.4	26	0.6	6.6	7	10.5
403681		0.4	33	0.3	5.9	8	15.0
403682		0.5	37	0.4	8.1	10	19.5
403683		0.5	52	0.9	8.2	18	28.4
403684		0.3	45	0.6	7.6	9	21.1
403685		0.6	70	1.0	9.0	13	31.0
403686		0.2	2	0.1	1.9	2	1.2
403687		0.6	87	0.8	9.1	15	33.2
403688		0.6	76	0.7	8.1	21	27.5
403689		12.9	215	0.7	14.4	585	159.5
403690		0.3	366	33.1	4.3	239	60.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18189327

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

Applique à la Méthode: ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18189328

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-25

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

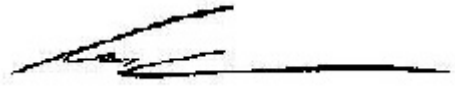
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

Finalisée date: 30-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189328

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
403691		1.27	<0.001	0.01	7.00	90.0	60	0.72	0.01	0.82	0.04	12.15	55.2	154	0.57	2.6
403692		2.47	<0.001	0.01	6.55	76.9	50	0.77	0.01	0.84	0.03	13.00	52.8	153	0.66	1.9
403693		2.19	0.002	<0.01	6.12	62.2	<10	0.37	0.01	0.13	<0.02	19.00	54.6	173	0.60	0.7
403694		1.91	0.002	0.01	5.23	40.6	<10	0.32	0.01	0.08	<0.02	6.71	36.8	101	0.92	0.7
403695		1.95	<0.001	0.04	5.63	45.7	<10	0.35	0.01	0.09	<0.02	6.77	45.1	132	0.92	0.6
403696		1.56	0.002	0.01	6.67	65.0	<10	0.49	0.01	0.09	<0.02	14.95	62.0	177	0.78	0.8
403697		1.89	0.021	0.02	6.45	60.7	40	0.70	0.01	0.09	<0.02	11.30	56.2	159	0.86	0.4
403698		2.02	0.020	0.01	6.46	67.3	20	0.53	0.01	0.09	<0.02	9.90	59.5	173	0.77	0.5
403699		0.06	2.60	0.48	6.66	11.2	310	1.21	0.17	4.80	0.09	43.7	53.8	310	0.69	81.6
403700		2.11	0.007	0.01	6.32	100.5	<10	0.38	0.01	0.10	<0.02	8.10	65.8	156	0.89	4.0
403701		2.17	0.005	0.06	4.48	27.3	<10	0.28	<0.01	0.09	<0.02	2.73	28.5	104	0.82	4.4
403702		2.17	0.005	0.01	5.44	31.0	<10	0.32	<0.01	0.08	<0.02	6.63	34.6	123	1.02	1.5
403703		2.74	0.002	0.05	4.19	20.0	<10	0.25	0.03	0.16	<0.02	14.20	21.6	79	0.84	9.4
403704		1.65	0.007	0.09	0.42	16.4	10	0.12	0.06	2.68	0.14	14.55	7.8	19	1.08	40.7
403705		2.12	0.002	0.03	0.57	59.3	<10	0.14	0.02	3.08	0.12	4.62	3.1	16	0.82	13.6
403706		0.26	0.001	<0.01	0.08	0.3	10	0.08	0.01	34.7	<0.02	1.13	0.8	3	<0.05	1.4
403707		3.17	0.003	0.10	0.36	29.5	10	0.15	0.06	3.75	0.16	12.45	5.4	18	1.70	43.1
403708		1.90	0.027	1.10	5.28	3.8	50	2.46	0.22	0.18	2.03	59.8	108.5	71	1.78	302
403709		1.90	0.533	0.15	0.58	1.6	30	0.39	0.06	1.15	0.12	26.6	6.4	21	3.46	44.0
403710		2.49	1.155	0.07	0.21	18.1	20	0.31	0.02	1.06	0.07	11.55	3.4	11	2.82	11.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 30-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189328

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
403691		11.50	16.90	0.06	1.9	<0.005	0.046	0.34	5.3	51.8	4.94	1310	0.19	0.76	5.1	154.5
403692		11.75	17.35	0.05	1.7	<0.005	0.044	0.28	5.9	53.4	4.76	1470	0.20	0.49	5.8	131.0
403693		14.40	18.75	0.12	1.9	<0.005	0.036	0.01	8.9	54.5	4.62	1330	0.21	0.01	9.9	131.0
403694		11.65	14.55	0.05	1.0	<0.005	0.031	0.01	3.3	39.3	3.73	978	0.22	<0.01	4.3	94.3
403695		12.55	15.60	0.06	1.4	0.006	0.031	0.01	3.3	44.7	4.05	1090	0.21	<0.01	3.6	106.5
403696		15.80	20.3	0.21	2.0	<0.005	0.040	0.02	6.4	66.6	5.09	1400	0.27	<0.01	5.8	160.0
403697		13.00	17.90	0.07	1.5	0.007	0.038	0.20	5.1	59.5	4.83	1130	0.24	<0.01	10.7	147.0
403698		15.35	18.90	0.12	1.8	<0.005	0.037	0.05	4.4	65.2	4.97	1360	0.22	<0.01	8.7	158.0
403699		7.40	18.15	0.10	3.4	0.070	0.060	0.99	21.3	9.5	5.48	1020	2.89	1.97	29.5	347
403700		14.25	19.65	0.09	1.4	0.006	0.030	0.02	3.9	36.4	4.63	1080	0.53	<0.01	15.7	155.5
403701		10.50	15.35	0.06	1.0	0.005	0.023	0.02	1.3	21.6	3.16	781	0.41	<0.01	10.2	65.6
403702		13.00	17.75	0.08	1.4	0.005	0.027	0.02	3.2	26.5	3.73	892	0.24	<0.01	9.0	71.0
403703		10.95	15.30	0.06	1.5	0.017	0.027	0.02	6.9	19.4	2.81	704	3.65	<0.01	10.1	46.1
403704		13.60	2.20	0.08	0.1	0.013	0.016	0.10	8.0	2.6	2.22	3620	1.32	<0.01	1.9	12.3
403705		10.65	2.57	0.07	0.1	0.011	0.022	0.06	2.4	3.0	2.19	3690	0.44	0.01	0.7	3.7
403706		0.23	0.32	0.07	<0.1	<0.005	<0.005	0.01	1.2	1.3	1.55	109	0.05	0.03	0.1	0.9
403707		10.85	2.27	0.09	0.2	0.037	0.011	0.19	6.6	3.0	2.30	3290	2.25	0.01	2.6	11.8
403708		23.8	16.65	0.19	3.7	0.501	0.133	2.98	31.7	34.5	0.56	104	14.15	0.15	8.0	114.5
403709		15.80	3.83	0.09	0.7	0.054	0.042	0.41	13.8	5.0	2.19	4380	4.60	0.04	8.7	18.7
403710		21.1	2.16	0.09	0.1	0.006	0.009	0.15	6.6	1.5	3.14	5760	1.19	0.02	1.8	5.9

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CERTIFICAT D'ANALYSE VO18189328

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
403691		430	0.8	9.6	0.003	0.02	0.25	46.0	<1	3.1	36.1	0.22	<0.05	0.31	0.693	0.06
403692		430	1.0	8.3	<0.002	0.01	0.27	45.9	<1	2.0	29.8	0.21	<0.05	0.28	0.697	0.06
403693		440	0.9	0.9	0.002	0.01	0.31	32.0	1	0.3	4.4	0.28	<0.05	0.41	0.767	0.02
403694		320	0.7	0.7	<0.002	0.01	0.27	33.8	1	0.2	2.8	0.18	<0.05	0.22	0.405	<0.02
403695		340	0.5	0.8	<0.002	0.01	0.29	36.8	<1	0.3	3.0	0.16	<0.05	0.22	0.551	<0.02
403696		410	3.3	1.0	0.002	0.01	0.35	35.0	1	0.5	3.4	0.24	<0.05	0.30	0.798	0.02
403697		400	<0.5	5.9	<0.002	0.01	0.30	44.2	1	1.5	3.3	0.21	<0.05	0.31	0.659	0.05
403698		430	<0.5	1.6	0.002	0.01	0.32	30.0	1	0.7	3.3	0.26	<0.05	0.27	0.766	0.02
403699		1850	4.9	31.8	<0.002	0.03	0.39	22.8	1	1.2	469	1.62	0.07	2.96	1.035	0.07
403700		310	2.8	1.2	0.002	0.02	0.33	37.6	<1	0.4	3.9	0.31	<0.05	0.28	0.608	0.02
403701		210	2.4	1.1	0.002	0.03	0.26	27.1	<1	0.3	3.3	0.30	<0.05	0.16	0.447	0.02
403702		270	1.4	1.5	0.002	0.02	0.25	34.2	<1	0.3	2.9	0.27	<0.05	0.25	0.556	0.02
403703		450	1.5	1.3	0.008	0.55	0.24	22.8	<1	0.2	5.8	0.49	<0.05	0.96	0.349	0.02
403704		80	2.0	5.1	0.003	1.71	0.20	1.2	1	0.2	74.3	0.08	0.14	0.17	0.013	0.08
403705		140	1.5	2.9	<0.002	0.51	0.19	4.5	1	<0.2	89.6	<0.05	0.09	0.08	0.006	0.04
403706		60	0.5	0.2	<0.002	<0.01	0.07	0.4	1	<0.2	83.3	<0.05	<0.05	0.05	0.007	<0.02
403707		130	8.2	8.2	0.005	1.74	0.27	1.0	2	0.2	122.5	0.11	0.13	0.29	0.021	0.11
403708		520	108.0	75.7	0.017	>10.0	6.07	13.7	7	4.3	16.5	0.39	1.43	4.54	0.172	1.13
403709		470	15.9	18.9	0.007	2.41	0.75	1.9	2	0.9	37.8	0.34	0.20	0.77	0.068	0.28
403710		250	1.2	6.8	<0.002	0.76	0.15	0.5	1	<0.2	21.5	0.07	0.07	0.17	0.012	0.05

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CERTIFICAT D'ANALYSE VO18189328

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
403691		0.2	345	44.4	4.5	189	60.5
403692		0.2	348	32.7	4.2	200	55.9
403693		0.3	350	4.1	3.8	231	70.1
403694		0.2	257	3.2	2.7	178	36.8
403695		0.2	286	6.5	2.8	187	48.5
403696		0.2	389	9.3	3.9	246	71.9
403697		0.2	352	1.9	3.1	210	54.2
403698		0.3	364	5.9	3.8	246	67.5
403699		0.6	145	3.2	21.1	103	144.0
403700		0.2	302	2.4	2.1	189	51.4
403701		0.2	228	1.2	1.5	131	35.9
403702		0.2	274	3.1	2.0	147	48.5
403703		2.0	210	1.5	4.4	129	61.3
403704		0.9	40	0.2	4.5	31	8.6
403705		0.1	31	0.1	3.4	28	3.9
403706		0.1	3	<0.1	2.2	6	1.5
403707		1.2	49	0.3	5.0	29	14.1
403708		11.0	140	3.2	13.0	401	148.5
403709		2.5	88	0.4	7.7	53	41.5
403710		0.5	27	0.1	3.8	25	7.3

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CERTIFICAT D'ANALYSE VO18189328

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18189329

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Bon de commande #: KANDH18-PRIORITY-26

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

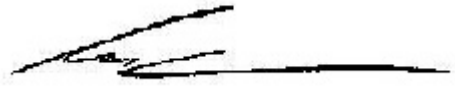
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18189329

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
403711		2.22	0.012	0.03	0.13	12.6	10	0.27	0.04	5.38	0.07	8.03	2.0	6	0.99	2.4
403712		2.22	3.28	0.12	0.36	21.2	30	0.37	0.14	7.03	0.19	9.65	3.8	9	3.56	8.9
403713		2.23	0.668	0.07	0.28	30.2	20	0.28	0.04	2.72	0.16	8.86	3.6	6	3.32	8.4
403714		2.22	0.033	0.03	0.15	8.8	20	0.27	0.02	2.90	0.05	8.99	3.7	8	1.81	2.0
403715		2.58	0.096	0.02	0.19	142.5	20	0.30	0.03	2.97	0.07	10.35	4.4	7	2.00	4.4
403716		2.02	0.315	0.07	0.34	341	20	0.24	0.05	4.28	0.17	9.80	5.3	6	2.64	11.1
403717		2.34	0.199	0.02	0.45	35.0	40	0.31	0.02	7.08	0.24	11.45	3.3	5	5.26	8.9
403718		2.13	0.009	0.03	0.30	106.5	10	0.22	0.02	5.50	0.14	8.10	2.9	6	1.01	10.2
403719		0.06	7.60	1.41	6.11	33.5	330	1.03	0.49	3.01	0.09	33.5	42.2	329	0.66	110.5
403720		2.36	0.066	0.04	0.40	9.3	20	0.34	0.03	4.30	0.15	18.70	4.6	10	3.04	13.8
403721		2.18	0.471	0.03	0.37	16.0	30	0.27	0.02	3.43	0.09	19.70	6.1	10	2.88	5.6
403722		2.14	0.451	0.01	0.37	22.3	20	0.44	0.02	4.00	0.10	19.05	6.4	11	2.35	5.3
403723		2.20	0.417	0.01	0.16	3.1	10	0.27	0.01	7.12	0.11	9.61	4.8	6	1.72	3.3
403724		2.27	0.215	0.02	0.17	12.2	10	0.26	0.01	2.61	0.04	12.05	4.7	10	1.71	1.7
403725		2.27	0.214	0.02	0.29	7.0	20	0.28	0.02	4.31	0.10	14.60	4.8	10	2.38	5.9
403726		0.28	0.002	<0.01	0.06	<0.2	20	0.06	0.01	33.9	<0.02	0.99	0.8	2	<0.05	1.2
403727		2.20	0.002	0.03	0.26	15.6	10	0.58	0.03	0.91	0.04	10.20	4.6	8	1.11	10.4
403728		2.26	0.001	0.09	0.12	2.9	<10	0.67	0.07	1.18	<0.02	8.33	7.9	6	0.19	20.4
403729		2.16	<0.001	0.02	0.06	1.3	10	0.50	0.01	2.14	<0.02	9.69	2.5	5	0.38	1.6
403730		2.27	0.632	0.07	0.23	2.7	10	0.37	0.03	2.72	0.08	10.50	5.8	9	0.92	17.9

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CERTIFICAT D'ANALYSE VO18189329

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
403711		17.95	1.34	0.12	0.1	0.008	<0.005	0.05	4.6	0.9	4.06	5340	0.26	0.02	1.1	2.4
403712		17.85	1.44	0.11	0.1	0.168	0.009	0.15	5.6	1.1	3.90	5600	0.51	0.05	1.3	4.8
403713		21.3	1.31	0.14	0.1	0.023	0.012	0.13	5.3	1.2	3.24	6130	0.28	0.04	1.3	3.5
403714		18.70	0.92	0.12	0.1	0.007	0.005	0.07	5.2	0.7	2.79	5430	0.25	0.02	2.9	3.4
403715		21.9	1.01	0.12	0.1	0.008	0.008	0.08	6.1	0.9	3.27	6120	0.30	0.02	4.4	3.6
403716		21.2	1.51	0.13	0.1	0.024	0.014	0.12	5.7	1.7	3.45	6130	0.43	0.02	5.0	4.5
403717		18.50	1.84	0.10	0.1	0.022	0.018	0.23	6.7	2.1	3.94	5860	0.32	0.05	1.3	4.1
403718		17.15	1.59	0.09	0.1	0.006	0.013	0.08	4.5	2.0	3.73	5590	0.20	0.01	0.8	3.3
403719		5.62	15.55	0.16	2.4	0.142	0.045	1.08	16.7	13.9	3.99	739	6.27	1.20	15.7	247
403720		22.4	1.98	0.11	0.2	0.016	0.012	0.20	9.7	3.2	3.55	9690	1.24	0.02	3.1	5.1
403721		22.2	1.85	0.12	0.2	0.018	0.011	0.14	9.2	1.8	3.08	9750	0.87	0.03	6.6	5.1
403722		22.0	1.70	0.12	0.2	0.017	0.009	0.10	9.6	1.6	3.33	9830	0.68	0.03	4.7	4.5
403723		18.15	0.81	0.09	0.1	0.008	0.006	0.06	5.3	1.0	3.92	7500	0.24	0.02	1.5	3.1
403724		20.2	0.87	0.10	0.1	0.006	0.005	0.07	6.8	0.9	3.06	9050	0.33	0.02	2.6	3.2
403725		18.80	1.30	0.11	0.2	0.033	0.007	0.09	8.2	1.2	3.01	7940	0.23	0.03	2.7	4.0
403726		0.18	0.28	0.12	<0.1	<0.005	<0.005	0.01	1.2	1.2	1.85	118	<0.05	0.03	0.1	0.3
403727		25.2	1.29	0.13	0.1	0.006	0.006	0.04	6.6	0.9	2.49	6600	1.04	0.01	1.4	3.6
403728		25.6	0.76	0.13	0.1	0.009	<0.005	0.02	5.1	0.8	2.20	6510	1.13	<0.01	0.9	7.5
403729		22.0	0.49	0.12	<0.1	<0.005	<0.005	0.01	5.9	0.6	2.77	7740	0.29	0.01	0.5	4.3
403730		20.3	1.11	0.11	0.1	0.022	0.006	0.05	5.9	1.3	2.62	7100	0.25	0.01	1.5	6.3

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189329

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
403711		160	1.5	1.9	<0.002	0.16	0.27	0.4	<1	<0.2	88.8	0.05	<0.05	0.16	0.008	<0.02
403712		120	2.4	5.1	<0.002	0.66	0.30	0.7	1	0.2	136.5	0.07	0.08	0.25	0.016	0.03
403713		160	1.7	5.4	<0.002	0.55	0.22	0.6	1	<0.2	55.4	0.07	<0.05	0.22	0.008	0.03
403714		140	1.0	2.5	<0.002	0.12	0.21	0.4	1	<0.2	43.6	0.08	<0.05	0.21	0.008	0.02
403715		240	1.3	3.1	<0.002	0.31	0.23	0.4	1	<0.2	44.9	0.09	0.11	0.24	0.010	0.02
403716		240	2.1	5.3	<0.002	0.92	0.29	0.8	1	<0.2	93.2	0.09	0.27	0.19	0.009	0.04
403717		180	5.9	9.9	<0.002	0.76	0.26	1.0	1	<0.2	156.5	0.13	0.09	0.23	0.012	0.07
403718		160	1.9	3.8	<0.002	0.57	0.16	1.0	1	<0.2	119.5	0.08	0.10	0.15	0.006	0.04
403719		1100	9.5	40.2	<0.002	0.08	0.82	20.1	1	1.0	279	0.93	0.22	2.46	0.686	0.18
403720		530	2.3	10.4	0.002	0.82	0.17	1.1	1	<0.2	93.0	0.12	0.05	0.59	0.025	0.11
403721		580	1.2	6.2	<0.002	0.26	0.21	0.9	1	<0.2	60.4	0.20	<0.05	1.49	0.032	0.05
403722		610	1.3	3.9	<0.002	0.30	0.17	0.9	1	<0.2	65.6	0.16	<0.05	0.83	0.033	0.03
403723		250	1.6	2.5	<0.002	0.14	0.18	0.4	1	<0.2	103.0	0.06	<0.05	0.27	0.013	0.02
403724		440	0.9	2.7	<0.002	0.08	0.16	0.4	1	<0.2	39.4	0.10	<0.05	0.47	0.015	0.02
403725		420	1.6	3.8	<0.002	0.56	0.17	0.6	1	<0.2	72.0	0.13	<0.05	0.44	0.028	0.03
403726		70	<0.5	0.4	<0.002	<0.01	<0.05	0.2	1	<0.2	81.3	<0.05	<0.05	0.07	0.005	<0.02
403727		240	2.2	1.6	0.002	0.78	0.11	0.6	1	<0.2	12.1	0.06	<0.05	0.26	0.015	<0.02
403728		240	2.6	1.0	<0.002	2.29	0.14	0.2	1	<0.2	13.8	<0.05	0.06	0.12	0.007	0.02
403729		210	0.9	0.6	<0.002	0.20	0.09	0.1	1	<0.2	20.8	<0.05	<0.05	0.10	<0.005	<0.02
403730		270	1.7	2.1	<0.002	1.41	0.14	0.5	2	<0.2	50.1	0.07	<0.05	0.36	0.016	0.02

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CERTIFICAT D'ANALYSE VO18189329

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
403711		0.2	13	0.2	5.8	9	4.2
403712		0.4	21	0.2	7.0	24	7.2
403713		0.2	17	0.8	4.7	23	4.6
403714		0.2	15	0.1	4.3	11	5.7
403715		0.2	17	0.2	5.2	18	7.1
403716		0.2	24	0.3	5.8	31	4.0
403717		0.3	27	0.1	7.5	35	5.4
403718		0.2	17	0.2	5.8	30	3.9
403719		0.6	143	9.1	14.4	83	102.5
403720		0.4	24	0.2	6.3	34	10.8
403721		0.3	18	0.2	5.7	30	11.0
403722		0.3	19	0.2	6.3	22	11.1
403723		0.1	10	0.2	5.9	17	4.9
403724		0.1	13	0.2	4.9	15	6.7
403725		0.2	17	0.2	5.7	19	8.1
403726		0.1	2	0.1	2.0	4	1.5
403727		0.3	27	0.2	5.5	12	6.3
403728		0.2	9	0.1	5.4	8	2.7
403729		0.1	8	0.2	5.8	7	2.3
403730		0.1	14	0.2	5.0	12	5.6

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CERTIFICAT D'ANALYSE VO18189329

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

Applique à la Méthode: ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Bon de commande #: KANDH18- PRIORITY- 027

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- AOUT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18189331

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403731		2.22	<0.001	0.01	0.26	9.0	10	0.49	0.01	4.24	0.03	11.70	7.4	14	1.64	2.0
403732		2.35	0.001	0.01	0.17	2.6	10	0.51	<0.01	3.97	0.02	10.30	5.9	10	1.62	1.8
403733		2.38	0.340	0.08	0.27	11.2	20	0.52	0.03	3.13	0.05	12.90	7.6	10	2.61	6.3
403734		2.21	1.690	0.09	0.23	30.6	30	0.47	0.02	1.21	0.07	9.17	7.8	11	3.68	9.4
403735		2.27	0.010	0.01	0.14	20.2	20	0.41	0.01	1.76	0.07	7.02	4.0	8	2.31	1.9
403736		2.27	0.051	0.02	0.11	33.0	10	0.59	0.01	1.32	0.03	9.74	5.5	6	1.81	2.2
403737		2.34	0.519	0.04	0.21	17.1	20	0.42	0.01	3.32	0.11	9.68	5.1	9	3.33	6.1
403738		2.21	2.15	0.16	0.55	23.2	40	0.40	0.02	5.81	0.22	15.75	6.3	9	6.73	9.6
403739		0.06	0.679	0.20	7.34	19.3	340	1.39	0.13	4.50	0.19	49.8	44.7	186	2.00	54.6
403740		2.36	0.857	0.03	0.47	7.0	30	0.43	0.02	2.18	0.07	11.65	5.5	15	4.29	4.3
403741		2.39	0.255	0.05	0.44	21.1	20	0.57	0.02	2.48	0.06	12.90	7.9	20	2.39	5.4
403742		2.34	0.397	0.03	0.65	20.2	10	0.41	0.01	1.77	0.05	15.40	9.2	26	1.66	4.1
403743		2.52	0.005	0.11	0.99	12.2	10	0.33	0.03	3.74	0.11	20.7	9.7	31	2.64	14.1
403744		2.21	<0.001	0.02	0.57	17.8	10	0.45	0.02	1.12	0.03	14.15	9.4	20	1.01	6.2
403745		2.34	0.001	0.20	0.61	5.6	<10	0.82	0.02	2.46	0.02	14.10	7.9	21	0.30	8.0
403746		0.29	<0.001	<0.01	0.08	<0.2	20	0.07	0.01	35.9	<0.02	1.13	0.7	2	<0.05	2.4
403747		2.47	0.004	0.02	1.20	13.3	10	1.25	0.03	1.48	0.02	20.2	11.6	33	0.63	12.4
403748		2.17	0.002	0.01	0.78	8.6	20	0.65	0.02	6.12	0.10	13.20	7.0	23	4.45	5.9
403749		2.27	<0.001	0.03	1.05	2.8	20	0.48	0.04	5.35	0.09	14.10	8.0	26	4.42	7.5
403750		2.02	0.002	0.04	0.62	1.5	10	0.36	0.07	5.89	0.05	8.10	5.8	24	1.83	10.5

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CERTIFICAT D'ANALYSE VO18189331

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403731		20.4	1.30	0.07	0.2	0.008	0.006	0.08	5.7	1.5	3.56	9360	0.34	0.02	4.4	5.2
403732		23.2	0.75	0.09	0.1	0.016	0.005	0.06	5.7	0.9	3.70	9140	0.47	0.02	2.7	3.7
403733		24.2	1.13	0.08	0.2	0.014	0.008	0.10	6.8	1.2	3.65	9520	0.62	0.03	3.6	4.7
403734		25.1	1.06	0.09	0.1	0.060	<0.005	0.13	5.2	0.8	3.70	8550	0.38	0.04	2.2	4.2
403735		24.5	0.69	0.08	0.1	0.017	<0.005	0.08	4.2	0.5	3.71	7320	0.16	0.03	1.3	2.3
403736		28.2	0.66	0.10	0.1	0.013	<0.005	0.06	6.3	0.4	3.47	9500	0.18	0.02	1.4	2.8
403737		26.5	0.94	0.10	0.1	0.045	0.007	0.11	5.6	0.7	3.91	9120	0.22	0.04	1.9	2.5
403738		25.0	2.11	0.10	0.2	0.078	0.015	0.25	8.4	2.0	4.59	9860	0.25	0.07	4.5	4.8
403739		7.49	20.2	0.10	4.0	0.027	0.069	0.92	22.4	14.2	2.94	955	2.32	1.76	20.5	144.5
403740		21.4	1.96	0.08	0.3	0.049	0.010	0.15	6.2	1.2	3.40	10900	0.37	0.05	3.2	5.6
403741		23.4	1.99	0.08	0.3	0.020	0.007	0.08	6.7	1.2	3.48	13800	0.60	0.03	3.3	8.5
403742		22.2	2.96	0.09	0.4	0.840	0.053	0.05	8.1	1.5	3.05	14450	1.05	0.02	4.5	12.1
403743		21.3	4.25	0.10	0.8	0.025	0.079	0.12	10.6	2.6	3.90	10750	1.08	0.02	6.7	13.1
403744		20.9	2.38	0.10	0.5	0.017	0.011	0.03	7.4	1.3	2.73	14700	0.56	0.01	4.4	14.3
403745		20.2	2.53	0.08	0.6	0.010	0.013	0.02	7.2	2.0	3.46	12900	0.43	<0.01	5.3	10.4
403746		0.29	0.25	<0.05	<0.1	<0.005	<0.005	0.02	1.3	0.9	1.53	210	0.06	0.03	0.2	0.3
403747		22.7	5.50	0.10	1.0	0.009	0.027	0.07	11.0	4.2	3.34	17800	0.92	<0.01	9.3	17.9
403748		17.15	3.36	0.08	0.6	0.021	0.020	0.15	6.7	2.5	3.98	13150	0.45	0.04	5.7	12.5
403749		14.70	4.21	0.06	0.6	0.015	0.019	0.21	7.2	3.5	3.67	8570	0.65	0.04	4.5	13.4
403750		12.65	2.79	0.05	0.3	0.016	0.019	0.09	4.4	2.3	3.43	7700	0.49	0.02	2.6	9.7

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CERTIFICAT D'ANALYSE VO18189331

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403731		290	1.8	3.2	<0.002	0.07	0.18	0.8	<1	<0.2	57.9	0.13	<0.05	0.73	0.026	0.02
403732		340	1.3	2.0	<0.002	0.06	0.19	0.5	1	<0.2	49.8	0.09	<0.05	0.33	0.019	<0.02
403733		470	1.8	3.6	<0.002	0.31	0.19	0.8	1	<0.2	43.7	0.12	0.06	0.57	0.025	0.02
403734		330	1.5	4.6	<0.002	0.40	0.16	0.5	1	<0.2	23.2	0.08	0.07	0.42	0.020	0.02
403735		220	1.2	2.5	<0.002	0.09	0.10	0.3	1	<0.2	37.1	0.05	<0.05	0.18	0.010	<0.02
403736		380	1.5	1.9	<0.002	0.12	0.10	0.3	<1	<0.2	21.5	0.05	<0.05	0.19	0.009	<0.02
403737		390	1.6	3.8	<0.002	0.30	0.15	0.5	1	<0.2	69.1	0.07	<0.05	0.26	0.014	<0.02
403738		530	2.8	9.2	<0.002	0.49	0.23	1.2	1	0.2	119.5	0.14	<0.05	0.49	0.033	0.04
403739		1150	14.2	41.1	<0.002	0.02	1.02	21.6	1	1.8	356	1.14	<0.05	5.03	0.943	0.18
403740		450	1.3	5.3	<0.002	0.19	0.16	1.2	<1	<0.2	35.6	0.16	<0.05	0.65	0.046	0.02
403741		560	1.6	2.8	<0.002	0.25	0.14	1.4	1	<0.2	38.2	0.15	0.05	0.58	0.049	<0.02
403742		520	1.1	1.9	<0.002	0.19	0.12	1.9	1	0.2	28.1	0.19	<0.05	0.85	0.070	<0.02
403743		600	2.3	4.9	0.002	1.15	0.13	3.0	1	0.3	68.9	0.39	0.07	1.36	0.113	0.04
403744		480	1.0	1.2	<0.002	0.11	0.10	1.9	1	0.2	18.2	0.26	<0.05	0.77	0.079	<0.02
403745		410	1.6	1.2	<0.002	0.14	0.10	1.9	1	0.2	30.6	0.31	<0.05	0.79	0.096	0.02
403746		70	<0.5	0.5	<0.002	0.01	<0.05	0.3	1	<0.2	87.6	<0.05	<0.05	0.08	0.006	<0.02
403747		680	1.9	3.2	<0.002	0.18	0.20	3.9	1	0.4	19.3	0.56	0.06	1.40	0.209	0.05
403748		440	2.4	6.3	<0.002	0.16	0.15	2.8	1	0.2	89.4	0.33	<0.05	0.86	0.115	0.03
403749		410	2.4	9.0	<0.002	0.46	0.13	2.8	1	0.3	81.7	0.26	0.05	1.16	0.099	0.07
403750		360	2.3	3.1	<0.002	0.70	0.14	2.1	1	0.2	81.9	0.13	<0.05	0.49	0.062	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189331

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403731		0.2	19	0.2	5.4	9	8.4
403732		0.1	14	0.2	5.9	9	6.8
403733		0.1	19	0.4	5.9	12	7.7
403734		0.1	13	0.2	4.3	16	6.5
403735		0.1	13	0.5	5.1	15	4.1
403736		0.2	12	0.4	5.6	6	4.1
403737		0.2	15	0.5	6.2	15	4.5
403738		0.2	33	0.4	8.0	33	7.8
403739		1.1	149	2.2	20.2	130	154.5
403740		0.3	28	0.6	5.1	18	14.6
403741		0.4	28	0.4	6.0	14	13.6
403742		0.7	37	0.4	6.4	19	18.5
403743		1.0	63	0.4	7.2	31	37.9
403744		0.5	39	0.2	5.6	17	21.6
403745		0.4	48	0.4	6.4	12	26.1
403746		0.1	2	0.3	2.3	3	1.9
403747		0.9	121	0.3	9.7	23	46.2
403748		0.6	73	0.2	6.8	24	29.2
403749		0.8	66	0.3	5.5	22	25.9
403750		0.4	46	0.3	4.4	14	14.4

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CERTIFICAT D'ANALYSE VO18189331

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18189333

Projet: Kan

Bon de commande #: KANDH18- 052

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- AOUT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457021		4.63	0.002	0.06	7.88	6.5	20	0.36	0.01	6.88	0.06	9.66	43.2	209	0.27	89.1
457022		3.97	0.003	0.06	7.09	15.3	<10	0.33	0.02	6.01	0.07	7.50	52.1	203	0.22	84.5
457023		2.45	0.001	0.08	7.14	16.7	140	0.54	0.03	6.47	0.09	10.10	43.8	177	0.59	117.0
457024		4.12	<0.001	0.01	9.37	8.7	650	2.05	0.01	1.02	<0.02	101.0	14.7	68	2.20	12.3
457025		4.52	<0.001	<0.01	9.21	14.4	480	2.16	<0.01	0.50	<0.02	91.3	11.4	71	2.39	3.9
457026		4.10	<0.001	0.04	8.86	13.2	540	2.38	0.01	0.46	0.04	94.2	12.9	66	2.69	11.7
457027		3.34	<0.001	0.04	9.30	6.1	620	2.39	0.02	1.08	0.04	100.5	11.0	69	3.52	12.9
457028		3.29	<0.001	0.06	8.95	9.3	700	2.34	0.09	0.55	0.07	84.9	13.8	65	4.31	28.1
457029		0.06	2.57	0.42	6.91	11.5	320	1.28	0.16	4.90	0.09	42.7	53.7	318	0.68	78.9
457030		4.75	0.002	0.22	8.01	4.3	460	1.97	0.19	1.57	0.11	60.4	15.6	76	4.08	73.0
457031		2.88	0.002	0.15	9.07	1.6	450	2.17	0.14	0.96	0.10	63.9	14.8	85	5.52	71.0
457032		3.31	<0.001	0.06	6.29	4.8	360	1.81	0.10	0.37	0.31	43.3	12.5	67	2.65	23.6
457033		4.33	0.022	1.64	4.65	42.5	60	2.07	0.37	1.32	8.25	50.4	31.2	68	2.62	274
457034		2.43	0.012	0.53	2.27	15.7	90	1.45	0.13	1.98	3.19	48.8	14.9	47	1.18	94.2
457035		3.45	0.027	0.76	5.03	54.6	170	2.62	0.34	1.14	3.48	56.0	19.5	72	3.28	74.5
457036		0.28	0.002	0.02	0.12	0.3	30	0.07	0.37	35.2	0.06	1.45	0.8	2	0.05	2.5
457037		2.85	0.021	0.87	5.36	106.5	100	2.42	0.26	1.48	4.32	51.4	20.1	72	3.33	92.8
457038		3.84	0.012	0.82	7.11	162.0	70	2.61	0.25	2.02	5.51	54.5	22.3	94	4.67	190.5
457039		3.78	0.047	2.56	3.91	324	80	1.46	0.66	3.45	14.60	64.7	21.5	110	3.16	511
457040		4.69	0.055	2.27	5.29	322	30	1.80	0.53	1.06	8.18	60.3	23.7	113	3.68	243

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CERTIFICAT D'ANALYSE VO18189333

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457021		7.71	17.25	0.07	0.9	0.007	0.062	0.11	3.6	39.7	4.31	1300	0.23	2.54	3.0	118.5
457022		8.35	15.20	0.13	0.7	0.018	0.062	0.02	2.6	50.5	5.40	1310	0.19	1.39	2.2	199.0
457023		9.32	17.65	0.12	0.7	0.021	0.079	0.59	3.7	44.2	4.17	1530	0.29	0.84	2.7	88.5
457024		4.00	23.0	0.17	3.3	0.021	0.016	2.55	49.2	30.5	1.84	585	0.26	2.67	4.7	36.4
457025		3.18	22.1	0.15	3.5	<0.005	0.013	2.85	45.2	33.1	1.76	422	0.18	2.44	3.7	35.3
457026		3.50	22.4	0.22	3.4	<0.005	0.028	3.12	48.3	38.3	1.67	420	0.70	1.70	2.6	37.7
457027		3.59	23.8	0.24	3.7	0.012	0.038	3.85	51.4	36.9	1.54	716	0.24	1.30	3.0	34.1
457028		4.05	21.9	0.21	4.0	0.015	0.046	4.04	43.3	34.8	1.22	392	0.43	0.83	3.9	36.4
457029		7.60	18.15	0.17	3.4	0.037	0.057	1.01	20.9	10.1	5.62	1070	3.15	2.03	28.3	345
457030		6.20	20.5	0.18	2.5	0.025	0.049	3.35	33.0	41.2	1.61	811	1.63	0.73	2.2	46.0
457031		5.76	23.0	0.20	2.4	0.027	0.053	4.36	33.4	38.6	1.25	641	1.61	0.25	2.7	46.4
457032		10.75	16.20	0.15	2.2	0.021	0.035	2.87	21.4	23.4	1.62	6030	1.02	0.13	2.5	28.7
457033		18.00	14.45	0.21	2.5	0.430	0.127	2.15	27.6	32.8	0.95	777	35.7	0.04	4.5	142.5
457034		6.53	8.37	0.15	1.8	0.285	0.054	0.97	24.3	17.9	0.93	760	18.50	0.03	5.4	67.8
457035		7.82	14.40	0.16	4.2	0.452	0.065	2.27	29.8	31.5	0.81	416	13.65	0.33	5.2	79.3
457036		0.19	0.34	0.05	0.1	<0.005	0.005	0.04	1.3	1.2	1.16	93	0.32	0.03	0.3	0.9
457037		9.74	14.95	0.17	3.1	0.435	0.056	2.43	28.3	31.4	1.04	573	26.2	0.16	5.8	102.0
457038		11.15	18.25	0.20	3.4	0.579	0.096	3.08	32.1	35.3	1.22	346	23.3	0.16	3.2	149.0
457039		11.35	10.90	0.28	3.0	1.710	0.106	1.79	41.5	23.1	1.61	543	130.0	0.07	4.8	379
457040		15.95	14.45	0.30	2.3	1.750	0.088	2.42	37.4	20.8	0.58	128	88.8	0.12	7.0	309

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CERTIFICAT D'ANALYSE VO18189333

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457021		410	1.2	3.3	0.002	0.06	0.61	39.8	1	0.6	97.8	0.18	<0.05	0.32	0.592	0.04
457022		330	1.5	0.7	0.003	0.06	0.45	32.4	<1	0.5	66.4	0.14	<0.05	0.25	0.518	0.02
457023		450	3.0	18.1	0.002	0.15	0.47	43.8	1	0.7	74.4	0.18	<0.05	0.33	0.665	0.22
457024		430	2.4	79.8	<0.002	0.24	0.34	14.6	1	0.5	43.2	0.31	<0.05	17.75	0.191	0.58
457025		430	3.7	86.4	<0.002	0.06	0.30	13.5	<1	0.3	39.1	0.25	<0.05	15.45	0.164	0.61
457026		380	8.1	101.0	<0.002	0.14	0.21	12.3	1	0.5	40.2	0.19	<0.05	14.60	0.137	0.71
457027		370	4.4	132.0	<0.002	0.37	0.24	13.5	1	1.8	63.2	0.21	<0.05	15.70	0.146	1.01
457028		360	6.0	148.5	<0.002	0.40	0.23	10.8	1	1.5	39.4	0.24	0.13	14.50	0.173	1.13
457029		1880	6.0	31.8	<0.002	0.04	0.35	20.1	1	1.4	487	1.60	0.09	2.70	1.100	0.06
457030		990	15.0	134.5	0.002	1.40	0.47	12.0	2	1.7	86.2	0.14	0.14	11.05	0.118	1.30
457031		220	8.8	161.0	0.002	1.44	0.40	12.4	2	1.7	52.8	0.18	0.10	12.15	0.140	1.93
457032		280	2.9	100.0	<0.002	0.47	0.19	8.4	1	1.1	25.9	0.15	<0.05	7.10	0.105	2.05
457033		680	30.7	71.0	0.030	>10.0	2.81	10.0	9	2.7	36.9	0.28	0.88	3.76	0.110	2.24
457034		1300	14.1	30.0	0.013	3.92	2.11	6.1	4	1.5	44.8	0.28	0.27	1.94	0.109	1.19
457035		390	31.0	63.1	0.015	5.86	4.82	11.4	5	1.9	31.6	0.31	0.58	3.70	0.137	2.64
457036		80	1.3	1.1	<0.002	0.05	0.07	0.3	1	<0.2	86.8	<0.05	<0.05	0.11	0.008	0.03
457037		360	27.5	70.7	0.022	7.86	5.93	10.4	7	1.6	41.6	0.36	0.35	4.07	0.134	3.21
457038		340	21.9	79.0	0.037	>10.0	6.09	14.1	11	1.9	42.5	0.19	0.39	4.61	0.112	5.79
457039		1530	53.2	53.7	0.172	>10.0	17.00	9.3	21	1.4	41.2	0.33	0.44	6.74	0.100	4.59
457040		1030	77.1	64.8	0.126	>10.0	22.8	11.4	20	1.5	25.8	0.47	0.68	5.72	0.145	6.01

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Finalisée date:
29- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189333

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457021		0.1	297	0.2	20.1	69	29.9
457022		0.1	263	0.2	16.9	79	24.0
457023		0.2	365	0.3	21.8	92	25.7
457024		2.7	73	0.7	9.7	46	117.0
457025		2.5	71	0.8	7.8	31	123.0
457026		2.4	70	0.9	7.5	55	117.5
457027		2.5	72	1.1	9.3	39	128.5
457028		2.5	71	0.9	8.7	84	143.5
457029		0.6	147	3.4	21.5	107	143.0
457030		3.3	100	1.2	8.2	77	87.7
457031		2.7	137	1.1	7.0	72	79.6
457032		1.6	81	0.7	5.8	134	81.0
457033		14.8	317	1.6	16.1	1440	99.8
457034		15.2	115	1.4	14.5	556	78.4
457035		10.5	135	1.5	12.9	696	161.5
457036		0.3	3	0.1	2.2	9	2.9
457037		13.8	219	1.8	13.3	754	120.5
457038		13.9	384	1.4	12.4	898	128.0
457039		39.3	1820	3.1	29.7	2150	112.5
457040		32.4	1360	2.9	21.9	1350	94.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18189333

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
29-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18189334

Projet: Kan

Bon de commande #: KANDH18-053

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

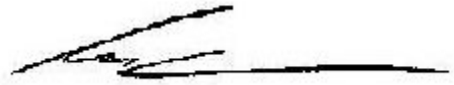
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189334

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457041		4.16	0.020	0.99	6.43	193.0	60	1.83	0.22	2.71	5.02	54.4	20.6	72	3.32	197.0
457042		4.67	0.025	1.04	6.18	176.0	60	1.50	0.28	2.81	6.35	60.1	21.4	75	3.80	212
457043		4.18	0.047	1.70	3.24	230	60	1.07	0.39	2.53	12.60	45.8	20.2	93	2.78	272
457044		3.11	0.023	0.99	4.78	194.5	60	1.60	0.26	3.55	3.51	45.7	17.8	63	3.25	159.0
457045		2.59	0.001	0.34	2.72	24.9	80	1.40	0.10	4.84	2.04	46.9	10.8	45	2.21	44.1
457046		3.79	0.009	0.24	1.47	20.5	80	1.37	0.18	4.15	0.90	21.2	8.6	37	0.87	50.5
457047		4.71	0.001	0.07	5.72	11.6	620	1.48	0.08	2.58	0.10	22.0	35.3	107	7.97	72.1
457048		4.28	0.002	0.06	6.76	26.1	250	0.47	0.01	4.00	0.10	8.75	51.6	128	5.50	139.5
457049		0.06	7.71	1.22	6.06	32.2	310	1.08	0.48	2.96	0.10	29.3	41.6	312	0.64	105.5
457050		4.30	0.004	0.08	6.33	21.2	110	0.41	0.01	5.54	0.14	8.64	47.9	119	6.77	123.0
457051		2.77	0.001	0.12	6.66	37.7	160	0.36	0.03	5.37	0.30	8.95	49.3	126	3.58	116.0
457052		3.48	<0.001	0.14	7.59	13.2	900	1.47	0.11	1.63	0.21	51.0	14.6	74	5.91	102.0
457053		4.39	0.006	0.13	7.40	0.7	680	1.77	0.08	2.03	0.48	47.9	12.7	77	8.29	106.0
457054		4.14	0.001	0.16	6.36	1.2	530	1.71	0.08	1.30	0.87	44.3	13.9	72	6.33	64.7
457055		4.19	0.003	0.28	8.25	0.9	640	2.45	0.18	0.16	1.37	56.7	18.4	86	9.46	59.1
457056		0.24	0.003	0.03	0.21	<0.2	30	0.06	0.01	33.7	0.04	1.92	1.0	4	0.17	2.2
457057		4.29	0.008	0.41	7.56	0.6	560	2.57	0.22	0.22	1.94	55.9	18.4	87	8.10	48.1
457058		4.26	0.006	0.31	7.81	0.7	490	2.39	0.14	0.24	0.59	46.5	19.5	91	9.95	44.6
457059		4.41	0.009	0.33	8.39	0.7	530	2.25	0.19	0.48	2.43	50.6	15.2	83	7.15	57.2
457060		4.40	0.009	0.32	8.36	0.5	440	2.63	0.18	0.13	1.66	50.2	17.8	88	8.55	56.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189334

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457041		13.00	16.50	0.20	3.0	0.689	0.085	2.76	30.8	22.4	1.34	330	25.4	0.20	6.9	153.0
457042		11.70	15.90	0.21	3.4	0.781	0.087	2.69	34.5	24.6	1.44	349	48.0	0.16	5.8	181.0
457043		11.65	8.97	0.22	1.8	1.385	0.125	1.41	30.8	19.2	1.19	432	148.5	0.06	3.8	349
457044		13.05	12.35	0.18	2.2	0.667	0.061	2.01	26.5	26.0	1.76	555	40.2	0.10	5.8	151.5
457045		6.01	8.72	0.12	2.5	0.094	0.064	0.96	25.2	17.6	2.24	1160	14.65	0.06	6.9	37.8
457046		6.21	5.42	0.08	1.0	0.173	0.068	0.68	10.7	15.1	1.84	1240	12.30	0.03	4.5	30.7
457047		12.55	15.05	0.13	1.4	0.023	0.055	2.06	9.7	44.2	3.45	1880	1.64	0.16	5.8	71.3
457048		9.29	16.30	0.11	1.0	0.038	0.075	1.18	3.1	51.3	4.97	836	0.29	1.00	2.1	84.7
457049		5.57	14.95	0.12	2.4	0.165	0.046	1.07	13.6	15.9	3.99	740	6.35	1.20	15.1	240
457050		8.42	15.60	0.11	1.1	0.033	0.072	1.27	3.0	47.3	4.63	1060	0.29	1.23	1.5	77.1
457051		9.17	16.45	0.12	1.0	0.017	0.071	0.94	3.1	50.1	5.02	1100	0.52	0.68	1.4	81.6
457052		4.39	19.70	0.16	1.8	0.014	0.037	4.20	26.9	37.2	1.28	449	5.99	0.33	6.0	49.8
457053		5.33	18.80	0.17	1.9	0.040	0.032	4.55	25.1	40.4	1.40	1010	5.08	0.12	6.0	43.2
457054		5.45	16.00	0.14	1.5	0.067	0.030	3.86	23.1	36.2	1.26	986	5.04	0.05	4.8	56.6
457055		7.18	21.0	0.18	2.4	0.074	0.051	4.80	29.3	47.2	1.31	448	6.97	0.05	7.4	52.9
457056		0.21	0.59	0.07	0.1	<0.005	0.005	0.11	1.6	1.9	1.28	93	0.18	0.04	0.2	1.4
457057		7.52	20.3	0.20	2.3	0.079	0.056	4.66	28.7	42.2	1.18	494	4.83	0.05	9.6	51.1
457058		7.10	20.2	0.16	2.2	0.059	0.055	4.51	23.8	45.2	1.30	482	7.55	0.05	7.4	50.5
457059		6.25	21.6	0.17	2.3	0.107	0.051	4.83	26.1	45.2	1.19	373	4.77	0.05	6.6	47.1
457060		9.60	21.5	0.17	2.5	0.073	0.044	4.63	26.5	52.6	1.70	613	5.35	0.05	6.9	54.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189334

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457041		210	33.2	66.5	0.026	>10.0	9.63	11.8	11	1.7	54.4	0.46	0.34	4.79	0.150	5.46
457042		480	38.4	70.7	0.054	>10.0	10.40	12.5	12	1.6	47.6	0.39	0.49	6.41	0.147	5.67
457043		1070	50.9	44.4	0.140	>10.0	14.05	7.9	16	1.2	35.2	0.26	0.50	4.10	0.082	3.89
457044		390	36.6	53.1	0.044	>10.0	9.63	9.3	10	1.2	57.0	0.37	0.36	4.09	0.109	4.52
457045		670	5.4	26.5	0.013	2.93	0.99	7.2	2	0.8	55.0	0.40	0.18	2.31	0.125	1.94
457046		240	17.4	20.3	0.008	3.40	2.52	3.7	2	1.3	37.7	0.28	0.31	1.53	0.067	0.97
457047		350	3.5	53.3	0.003	0.94	0.25	24.7	2	0.8	63.7	0.38	0.08	2.45	0.462	0.45
457048		380	3.6	34.5	0.003	0.07	0.17	42.8	1	0.4	110.0	0.14	<0.05	0.25	0.559	0.25
457049		1090	10.4	37.9	<0.002	0.09	0.76	18.8	1	1.0	280	0.88	0.28	2.28	0.688	0.20
457050		360	4.5	41.1	0.003	0.08	0.13	42.3	1	0.4	148.5	0.11	<0.05	0.23	0.566	0.32
457051		380	5.1	25.5	0.004	0.11	0.15	43.5	1	0.4	137.0	0.10	<0.05	0.23	0.489	0.18
457052		160	10.2	85.1	0.014	0.26	0.32	10.0	1	1.1	52.1	0.50	0.05	8.96	0.238	0.42
457053		200	6.7	109.5	0.011	0.61	0.53	10.2	2	1.1	52.2	0.49	<0.05	8.75	0.240	0.61
457054		130	7.5	91.3	0.011	0.96	0.65	8.2	2	1.1	49.4	0.39	0.05	7.63	0.194	0.47
457055		190	12.4	118.0	0.010	1.87	1.19	12.0	3	1.6	16.3	0.57	0.12	9.56	0.293	0.74
457056		60	1.4	2.9	<0.002	0.03	0.06	0.4	2	<0.2	85.6	<0.05	<0.05	0.23	0.010	0.03
457057		190	16.9	119.0	0.008	2.44	1.44	11.4	4	1.5	19.5	0.72	0.12	9.09	0.301	0.73
457058		210	11.7	120.5	0.010	1.83	1.13	15.0	2	1.4	16.8	0.57	0.09	7.68	0.310	0.85
457059		140	17.2	117.0	0.012	1.93	1.36	11.1	3	1.6	16.5	0.55	0.13	9.84	0.273	0.78
457060		150	12.0	140.5	0.015	1.97	1.14	11.2	3	1.6	13.4	0.59	0.17	10.65	0.281	0.93

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189334

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457041		14.9	254	1.2	12.0	941	111.5
457042		21.0	595	1.5	19.4	1070	125.5
457043		50.5	1580	3.3	24.3	2100	71.3
457044		17.9	432	1.4	12.9	659	87.3
457045		5.8	120	1.1	12.2	451	101.5
457046		3.9	80	1.1	5.7	273	44.6
457047		1.5	252	1.0	6.3	62	52.5
457048		0.1	349	0.5	6.2	83	39.8
457049		0.6	144	8.9	14.0	84	97.2
457050		0.1	330	0.1	7.8	73	38.6
457051		0.1	350	0.3	7.6	82	36.0
457052		4.2	230	1.5	6.8	104	62.7
457053		4.6	215	1.6	7.7	150	64.9
457054		4.5	216	1.3	6.0	154	54.5
457055		5.1	253	1.5	7.8	213	83.9
457056		0.2	5	0.1	2.1	7	2.8
457057		4.8	222	1.4	7.5	216	80.4
457058		4.0	242	1.5	7.2	183	76.6
457059		4.8	253	1.9	6.3	327	80.4
457060		4.5	242	1.7	5.6	284	84.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
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CERTIFICAT D'ANALYSE VO18189334

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date:
29-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18189335

Projet: Kan

Bon de commande #: KANDH18-054

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

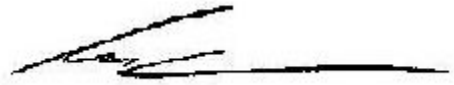
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189335

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457061		4.39	0.021	0.37	8.48	0.9	550	2.69	0.19	0.17	2.91	56.2	16.3	83	7.91	66.7
457062		4.40	0.010	0.30	7.99	31.5	390	1.45	0.08	2.35	1.06	27.5	36.7	130	16.60	113.0
457063		4.22	0.002	0.13	7.75	24.2	390	1.75	0.04	1.02	0.32	33.9	30.9	111	10.25	47.1
457064		4.29	0.004	0.30	8.51	0.7	470	2.00	0.21	0.59	5.59	51.4	15.3	86	12.35	39.4
457065		3.96	0.006	0.25	8.50	0.5	460	1.74	0.17	0.34	2.37	51.7	15.6	86	11.70	46.1
457066		4.53	<0.001	0.05	7.82	9.3	420	1.64	0.02	0.97	0.23	52.4	16.9	88	5.00	33.7
457067		4.60	0.002	0.07	9.74	1.6	580	2.61	0.11	0.07	0.04	77.8	11.5	83	6.71	32.4
457068		4.49	0.003	0.08	9.95	2.3	530	2.58	0.15	0.08	0.02	74.0	12.8	80	6.41	44.1
457069		0.06	0.665	0.19	6.93	17.7	320	1.29	0.12	4.28	0.19	43.7	40.8	167	1.75	52.0
457070		4.76	0.001	0.12	10.10	0.6	480	2.34	0.21	0.10	0.04	80.5	12.4	81	6.62	53.2
457071		4.68	0.002	0.14	10.20	0.6	480	2.10	0.20	0.06	0.06	68.7	11.7	85	7.25	82.8
457072		4.65	<0.001	0.11	10.05	5.9	490	2.07	0.23	0.10	0.03	75.1	14.2	81	6.70	51.2
457073		4.54	<0.001	0.10	10.00	0.3	500	2.15	0.19	0.12	0.04	77.7	11.0	80	6.55	28.5
457074		4.52	<0.001	0.10	9.81	0.3	510	2.18	0.17	0.23	0.06	78.1	10.9	81	6.59	32.7
457075		4.57	0.002	0.08	9.91	1.7	500	2.14	0.14	0.09	0.03	74.8	11.3	80	6.29	28.5
457076		0.30	0.004	0.02	0.28	<0.2	30	0.10	0.01	33.3	0.02	2.73	0.9	5	0.16	2.1
457077		4.59	<0.001	0.16	9.49	1.3	470	2.25	0.62	0.14	0.02	71.1	12.6	86	6.45	34.6
457078		2.33	0.001	0.07	9.89	16.8	440	2.23	0.21	0.08	<0.02	74.8	11.4	83	5.91	32.1
457079		3.43	<0.001	0.41	9.20	5.3	440	2.44	0.67	0.73	0.15	89.8	12.1	80	6.37	39.5
457080		4.61	0.001	0.07	9.35	0.6	420	2.31	0.14	0.13	<0.02	71.2	11.1	82	7.41	27.2

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189335

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457061		6.68	21.5	0.19	2.4	0.092	0.052	5.21	28.6	44.0	1.16	410	4.44	0.08	6.5	50.2
457062		10.00	19.10	0.19	1.9	0.032	0.074	4.62	13.6	62.1	2.80	1120	1.69	0.07	5.0	82.9
457063		9.16	19.30	0.19	1.8	0.028	0.063	4.06	17.8	56.3	2.18	819	2.95	0.06	5.6	71.2
457064		7.26	21.3	0.22	2.2	0.160	0.059	5.39	27.3	54.8	1.61	516	5.68	0.05	7.4	51.0
457065		7.52	21.8	0.23	2.3	0.073	0.064	5.21	27.4	53.5	1.55	405	4.60	0.05	7.4	44.3
457066		6.68	19.40	0.18	2.0	0.011	0.034	3.59	27.6	43.4	1.93	566	2.17	0.04	6.1	51.9
457067		4.47	25.7	0.21	2.6	0.007	0.051	5.03	39.7	43.1	1.06	206	0.81	0.13	8.8	34.1
457068		4.32	26.0	0.22	2.6	0.006	0.050	4.65	39.2	41.8	0.98	180	0.97	0.35	8.9	37.7
457069		7.19	18.35	0.16	3.5	0.016	0.060	0.87	19.6	14.9	2.80	890	2.17	1.70	19.1	135.5
457070		4.47	26.5	0.22	2.7	<0.005	0.053	5.18	43.4	41.0	1.00	171	1.05	0.55	9.1	35.9
457071		4.11	26.8	0.20	2.6	0.017	0.053	5.01	35.5	42.0	0.98	138	2.28	0.51	8.9	40.0
457072		4.93	25.3	0.23	2.6	0.010	0.048	5.06	40.7	39.7	1.11	279	0.83	0.45	8.9	34.9
457073		4.39	25.6	0.24	2.6	0.005	0.042	5.06	41.6	38.6	1.03	211	0.42	0.61	8.8	32.6
457074		4.66	25.3	0.23	2.6	<0.005	0.050	5.01	41.8	38.9	1.04	242	0.60	0.58	8.8	33.7
457075		4.43	25.0	0.21	2.6	<0.005	0.048	4.85	39.3	39.7	1.03	202	0.39	0.41	9.0	32.5
457076		0.21	0.72	0.09	0.1	<0.005	<0.005	0.12	2.1	1.7	1.14	92	0.07	0.05	0.3	1.6
457077		4.52	25.7	0.22	2.8	0.016	0.050	4.69	37.6	40.4	1.02	166	0.76	0.29	8.8	33.7
457078		4.83	26.6	0.22	2.5	0.005	0.048	4.81	40.7	41.8	1.08	152	0.45	0.29	8.8	34.6
457079		4.95	24.4	0.22	2.9	0.024	0.056	4.82	48.0	39.9	1.13	303	1.77	0.54	9.4	37.1
457080		4.67	25.0	0.20	2.5	<0.005	0.052	4.67	37.4	43.4	1.07	179	0.51	0.26	8.5	33.0

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189335

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457061		160	29.8	140.5	0.008	2.12	1.46	10.7	4	1.6	23.3	0.53	0.13	10.50	0.268	0.85
457062		330	7.3	173.5	0.006	0.92	0.55	31.7	1	1.1	86.7	0.37	0.06	4.09	0.563	1.27
457063		270	4.1	134.0	0.006	1.07	0.53	23.6	2	2.0	38.4	0.42	0.07	5.36	0.436	0.84
457064		170	24.4	175.5	0.013	1.67	1.04	12.0	2	1.9	26.8	0.57	0.08	9.30	0.299	1.02
457065		170	10.9	173.0	0.011	1.77	1.20	12.1	2	1.7	23.1	0.58	0.11	9.30	0.302	0.97
457066		200	5.7	110.0	0.005	0.33	0.27	14.5	1	1.0	44.4	0.48	<0.05	8.49	0.316	0.50
457067		230	7.5	143.0	0.002	0.43	0.49	11.0	1	2.1	25.7	0.68	0.05	15.25	0.334	0.69
457068		230	12.7	143.0	0.002	0.53	0.61	11.1	1	2.1	34.3	0.67	0.05	15.45	0.333	0.62
457069		1110	13.0	29.9	<0.002	0.02	0.94	16.9	1	1.7	341	1.11	<0.05	4.36	0.886	0.18
457070		210	18.6	166.0	0.003	0.73	0.70	11.2	2	1.8	39.5	0.70	0.10	16.15	0.337	0.60
457071		200	21.0	149.5	0.003	0.70	0.93	11.6	3	1.8	38.6	0.69	0.08	14.65	0.336	0.60
457072		190	19.3	161.0	0.003	0.49	0.54	10.9	2	1.6	36.0	0.67	0.08	15.65	0.333	0.58
457073		220	20.3	166.5	0.002	0.44	0.55	10.7	1	1.7	39.4	0.66	0.06	15.35	0.325	0.57
457074		230	19.0	161.0	0.002	0.60	0.61	10.4	1	1.7	46.0	0.67	0.06	15.65	0.330	0.55
457075		190	13.6	150.0	0.002	0.36	0.43	10.7	1	1.7	40.0	0.67	<0.05	14.95	0.332	0.55
457076		70	0.8	3.6	<0.002	0.03	0.06	0.5	1	<0.2	83.2	<0.05	<0.05	0.37	0.012	0.02
457077		180	15.7	154.0	<0.002	0.56	0.60	11.2	1	1.9	42.5	0.71	0.37	15.00	0.328	0.62
457078		180	14.3	162.5	<0.002	0.48	7.80	11.5	1	1.8	40.0	0.69	0.06	15.15	0.326	0.60
457079		280	85.2	158.5	0.003	1.13	1.19	11.6	1	1.9	56.5	0.71	0.20	14.65	0.317	0.92
457080		210	9.9	147.0	0.003	0.46	0.53	11.0	1	1.7	39.0	0.67	<0.05	14.10	0.315	0.70

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Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18189335

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457061		4.6	236	2.2	5.9	281	82.4
457062		1.7	324	1.1	6.3	213	62.8
457063		3.4	307	1.6	5.4	217	55.9
457064		5.8	291	1.4	6.9	471	70.1
457065		5.3	275	1.3	6.6	285	75.1
457066		2.8	210	1.1	5.8	160	59.3
457067		2.3	90	1.5	6.8	77	79.5
457068		2.3	88	1.6	6.5	74	81.5
457069		1.0	142	2.0	18.4	127	127.5
457070		2.4	93	1.4	7.3	76	83.7
457071		2.7	116	1.1	7.1	84	82.8
457072		2.2	89	1.2	7.1	90	81.2
457073		2.0	78	1.2	7.5	73	81.4
457074		2.1	79	1.1	7.2	74	80.0
457075		1.9	77	1.3	6.5	75	82.6
457076		0.2	4	0.2	2.1	5	3.4
457077		2.4	95	1.4	6.6	77	83.1
457078		2.2	96	1.4	6.8	80	77.5
457079		2.9	102	1.4	8.6	91	94.5
457080		2.3	96	1.5	6.6	77	77.3

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CERTIFICAT D'ANALYSE VO18189335

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18191836

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-034

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

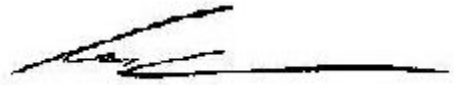
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191836

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555421		3.19	<0.001	0.07	0.17	2.8	10	0.33	0.01	3.09	0.08	6.16	3.2	12	0.58	35.5
555422		2.52	0.045	0.01	0.16	0.7	10	0.23	0.01	5.24	0.09	8.40	3.0	11	1.68	2.9
555423		2.57	1.450	0.03	0.20	0.5	10	0.38	0.01	6.94	0.12	8.27	3.6	8	1.92	3.3
555424		2.72	0.058	<0.01	0.36	1.3	20	0.62	0.01	3.34	0.02	16.55	5.6	10	2.95	2.1
555425		2.60	<0.001	0.01	0.29	2.5	20	0.92	0.02	4.11	<0.02	9.30	5.7	11	3.01	2.2
555426		0.27	0.001	<0.01	0.05	<0.2	10	0.05	<0.01	35.1	<0.02	0.82	0.5	4	<0.05	1.0
555427		2.30	0.003	0.01	0.42	4.1	20	0.84	0.03	4.97	0.02	10.55	5.6	16	3.12	3.2
555428		2.70	<0.001	0.01	0.37	17.8	10	0.85	0.03	4.03	0.02	7.70	5.3	19	2.30	3.6
555429		2.73	0.001	0.01	0.57	1.5	30	0.92	0.03	4.58	<0.02	12.70	7.8	19	4.26	3.7
555430		2.43	0.003	0.01	0.39	10.7	30	0.70	0.01	2.41	<0.02	11.05	8.4	14	5.37	2.1
555431		2.73	0.849	0.02	0.33	1.1	30	0.42	0.01	1.84	0.10	7.37	6.1	8	4.92	5.0
555432		2.91	0.616	0.01	0.12	2.0	10	0.33	0.01	1.20	0.09	9.83	5.2	5	1.95	2.6
555433		2.81	0.013	<0.01	0.18	0.6	20	0.36	<0.01	1.50	0.08	12.80	5.2	3	3.10	1.0
555434		2.81	0.092	<0.01	0.19	0.5	20	0.52	0.01	1.57	0.09	14.70	5.2	5	3.26	2.7
555435		2.79	1.545	0.05	0.18	0.4	20	0.32	0.01	1.67	0.10	7.12	5.0	1	3.15	7.6
555436		2.98	0.003	0.01	0.05	0.2	10	0.47	<0.01	1.28	0.04	6.34	4.5	3	0.96	0.8
555437		2.63	0.024	0.01	0.11	0.2	10	0.36	<0.01	1.24	0.05	4.47	3.7	6	1.07	1.9
555438		2.60	1.755	0.37	0.24	0.6	30	0.22	0.01	1.28	0.10	3.26	3.3	5	4.37	6.1
555439		0.07	2.55	0.40	6.80	11.3	320	1.25	0.15	4.87	0.07	43.1	51.7	314	0.66	81.1
555440		2.73	0.727	0.05	0.49	2.4	50	0.34	0.01	1.84	0.13	3.86	3.9	5	9.02	7.2

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191836

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555421		14.10	1.11	0.07	0.1	0.007	0.005	0.05	3.6	1.8	2.29	4140	1.15	0.01	1.1	11.9
555422		16.80	0.76	0.09	0.1	<0.005	0.005	0.06	5.2	1.3	3.62	5030	0.27	0.02	1.0	2.6
555423		18.15	1.15	0.08	0.1	0.020	0.005	0.06	5.2	1.5	4.05	5180	0.27	0.02	0.9	2.9
555424		22.4	4.10	0.10	0.4	<0.005	0.008	0.09	8.9	1.3	3.35	6100	0.40	0.03	5.2	3.6
555425		22.8	1.34	0.08	0.1	0.006	0.007	0.08	5.6	1.0	3.54	7070	0.41	0.04	1.6	4.2
555426		0.19	0.14	0.05	<0.1	<0.005	<0.005	0.01	1.1	1.0	1.56	123	<0.05	0.02	0.1	<0.2
555427		20.8	2.10	0.08	0.2	0.008	0.007	0.09	6.5	1.2	3.57	9160	1.00	0.04	1.9	6.7
555428		19.25	1.96	0.07	0.2	<0.005	0.007	0.07	4.8	1.0	3.14	8870	0.79	0.03	1.6	6.3
555429		23.7	2.85	0.09	0.3	<0.005	0.011	0.13	7.2	1.5	3.87	11100	1.12	0.05	2.8	8.4
555430		23.7	1.70	0.09	0.2	<0.005	0.009	0.17	6.3	1.2	3.27	11750	1.05	0.06	2.4	6.3
555431		24.5	1.47	0.10	0.2	0.007	0.006	0.15	4.6	0.9	3.78	7430	0.18	0.06	1.6	3.7
555432		26.0	0.61	0.09	0.1	0.008	<0.005	0.06	7.5	0.6	3.91	9080	0.11	0.02	0.8	2.8
555433		32.1	0.89	0.10	0.1	<0.005	<0.005	0.09	9.6	0.7	4.79	10950	0.05	0.04	1.1	1.8
555434		28.8	0.85	0.10	0.1	0.007	<0.005	0.10	11.4	0.6	4.34	9030	0.08	0.04	1.7	2.5
555435		30.9	0.72	0.09	<0.1	0.343	<0.005	0.10	4.9	0.7	4.64	6690	<0.05	0.04	0.6	1.2
555436		29.6	0.37	0.10	<0.1	<0.005	<0.005	0.03	4.5	0.4	4.52	6170	0.08	0.01	0.3	1.0
555437		24.4	0.43	0.08	<0.1	<0.005	<0.005	0.05	3.1	0.5	3.73	5680	0.09	0.02	0.5	1.1
555438		23.3	0.85	0.08	<0.1	0.011	<0.005	0.13	2.2	0.6	3.51	6590	0.09	0.05	0.3	1.0
555439		7.45	16.75	0.10	3.1	0.061	0.064	1.00	22.2	9.2	5.54	1040	3.02	1.99	27.7	351
555440		24.8	1.59	0.08	<0.1	0.102	0.005	0.26	2.5	1.0	3.82	6990	0.06	0.10	0.6	1.4

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CERTIFICAT D'ANALYSE VO18191836

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555421		180	1.8	1.6	0.002	1.52	0.21	0.7	1	<0.2	42.6	0.06	0.07	0.15	0.007	0.04
555422		160	1.2	2.7	<0.002	0.26	0.18	0.3	1	<0.2	74.8	0.07	<0.05	0.23	0.008	0.02
555423		160	1.7	2.7	<0.002	0.28	0.11	0.4	1	<0.2	106.5	0.05	<0.05	0.15	0.008	<0.02
555424		260	1.0	3.2	<0.002	0.20	0.15	0.7	1	<0.2	40.0	0.34	<0.05	0.62	0.016	<0.02
555425		290	1.2	2.9	<0.002	0.19	0.17	0.8	1	<0.2	43.4	0.07	<0.05	0.26	0.016	<0.02
555426		70	<0.5	0.2	<0.002	<0.01	<0.05	0.2	2	<0.2	83.0	<0.05	<0.05	0.05	<0.005	<0.02
555427		390	1.6	3.1	<0.002	0.21	0.18	1.2	1	<0.2	47.6	0.09	<0.05	0.40	0.025	<0.02
555428		310	1.7	2.3	<0.002	0.24	0.22	1.1	1	<0.2	39.5	0.08	<0.05	0.36	0.024	<0.02
555429		430	1.7	4.5	<0.002	0.25	0.25	1.6	1	<0.2	48.9	0.14	<0.05	0.55	0.039	<0.02
555430		360	1.0	6.3	<0.002	0.15	0.21	1.2	1	<0.2	29.1	0.10	<0.05	0.42	0.030	0.02
555431		180	1.3	5.3	<0.002	0.39	0.13	0.6	1	<0.2	34.6	0.09	<0.05	0.26	0.019	<0.02
555432		200	1.0	2.1	<0.002	0.21	0.09	0.3	1	<0.2	19.7	0.05	<0.05	0.16	0.005	<0.02
555433		190	0.7	3.2	<0.002	0.04	0.11	0.3	<1	<0.2	25.4	<0.05	<0.05	0.16	<0.005	<0.02
555434		150	1.2	3.4	<0.002	0.23	0.15	0.4	<1	<0.2	28.6	0.07	<0.05	0.26	0.011	<0.02
555435		130	1.1	3.4	<0.002	0.52	0.09	0.1	1	<0.2	33.7	<0.05	<0.05	0.06	<0.005	<0.02
555436		140	0.6	0.9	<0.002	0.04	0.08	0.1	<1	<0.2	19.0	<0.05	<0.05	0.04	<0.005	<0.02
555437		30	0.5	1.4	<0.002	0.14	0.11	0.1	<1	<0.2	19.7	<0.05	<0.05	0.05	<0.005	0.02
555438		50	1.3	4.3	<0.002	0.45	0.19	0.1	1	<0.2	25.0	<0.05	<0.05	0.03	<0.005	<0.02
555439		1880	4.7	31.6	<0.002	0.04	0.32	20.5	1	1.3	480	1.56	0.07	2.49	1.055	0.06
555440		20	1.0	9.1	<0.002	0.56	0.18	0.2	1	<0.2	49.2	0.05	0.05	0.03	<0.005	<0.02

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CERTIFICAT D'ANALYSE VO18191836

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555421		0.5	22	0.1	3.7	25	4.5
555422		0.2	13	0.2	5.4	15	4.5
555423		0.2	16	0.1	6.2	15	4.1
555424		0.3	27	0.2	6.7	9	17.9
555425		0.4	27	0.2	7.9	7	6.8
555426		0.1	1	<0.1	2.0	3	1.6
555427		0.5	32	0.2	7.9	10	9.9
555428		0.4	32	0.2	6.7	7	8.2
555429		0.6	46	0.2	8.2	7	14.2
555430		0.4	29	0.2	6.7	6	10.5
555431		0.2	21	0.2	5.2	19	7.6
555432		0.1	11	0.1	5.2	18	5.0
555433		0.1	23	0.1	6.2	14	5.3
555434		0.1	16	0.2	6.1	22	5.4
555435		0.1	9	0.1	5.5	23	2.9
555436		<0.1	10	0.1	5.2	11	1.7
555437		0.1	8	0.1	3.8	13	2.3
555438		<0.1	12	0.1	3.8	28	1.1
555439		0.6	147	3.0	21.2	106	140.0
555440		<0.1	19	0.1	5.4	38	2.0

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CERTIFICAT D'ANALYSE VO18191836

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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CERTIFICAT VO18191842

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Bon de commande #: KANDH18-PRIORITY-033

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

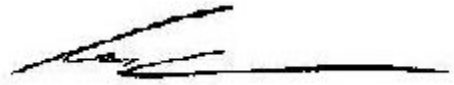
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191842

Description échantillon / Méthode / élément / unités / LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555401	2.38	0.001	0.05	0.13	7.0	<10	0.52	0.02	2.14	0.03	8.35	2.1	11	0.05	15.2
555402	2.52	0.002	0.07	0.13	0.5	<10	0.13	0.02	2.44	0.06	6.53	3.5	9	<0.05	33.1
555403	2.48	0.001	<0.01	0.16	4.8	<10	0.30	0.01	6.67	0.04	8.00	4.4	7	<0.05	1.6
555404	2.54	0.007	0.01	0.19	8.4	<10	0.32	<0.01	3.93	0.03	9.56	5.3	8	<0.05	1.3
555405	2.47	0.003	0.08	0.49	1.8	<10	0.26	0.02	3.28	0.03	10.50	7.9	13	<0.05	12.2
555406	0.30	0.002	<0.01	0.18	<0.2	20	0.08	0.01	32.7	<0.02	0.86	0.5	3	<0.05	1.3
555407	2.50	0.038	0.02	0.53	0.3	<10	0.32	0.03	1.91	0.05	15.65	3.8	14	<0.05	10.8
555408	2.51	<0.001	0.01	0.27	0.4	<10	0.63	0.01	2.36	0.03	11.10	3.0	10	<0.05	3.4
555409	2.58	0.205	0.02	0.27	2.8	<10	0.34	0.02	2.71	0.03	11.70	4.1	8	<0.05	6.0
555410	2.62	0.087	0.02	0.42	0.6	<10	0.37	0.03	2.25	0.05	14.05	4.2	12	<0.05	7.8
555411	2.55	0.058	0.02	0.29	114.0	<10	0.33	0.02	2.64	0.04	8.75	3.7	8	<0.05	10.0
555412	2.71	0.006	0.13	0.57	70.2	<10	0.24	0.06	3.34	0.09	15.25	5.3	11	0.05	63.1
555413	2.63	0.002	0.10	0.38	0.8	<10	0.25	0.05	5.47	0.10	16.15	3.6	8	0.05	58.8
555414	2.68	0.001	0.01	0.18	0.6	<10	0.31	0.01	5.03	0.03	8.66	3.0	6	<0.05	2.8
555415	2.39	0.002	0.02	0.22	0.3	<10	0.25	0.02	4.01	0.03	6.35	3.4	12	<0.05	4.8
555416	2.55	0.016	0.03	0.15	2.4	<10	0.30	0.01	7.70	0.05	9.46	4.2	10	<0.05	5.3
555417	2.52	<0.001	0.02	0.12	3.1	10	0.16	0.01	2.26	0.03	5.44	2.6	8	<0.05	4.8
555418	2.48	<0.001	0.04	0.20	5.7	<10	0.17	0.02	2.62	0.02	9.64	3.0	16	<0.05	13.9
555419	0.07	0.671	0.19	7.07	19.7	330	1.53	0.13	4.44	0.17	45.9	45.0	184	1.86	55.1
555420	1.09	0.001	0.17	1.13	10.3	40	0.46	0.04	1.23	0.08	36.4	13.6	27	0.43	86.6

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CERTIFICAT D'ANALYSE VO18191842

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555401		17.05	1.00	0.07	0.1	0.009	<0.005	0.01	5.1	4.0	2.91	4740	0.41	0.01	0.7	8.9
555402		18.50	0.75	0.08	0.1	0.005	0.014	0.01	4.0	3.9	2.94	6290	0.70	0.01	0.5	16.0
555403		20.6	0.87	0.08	0.1	<0.005	<0.005	<0.01	5.0	5.0	4.06	8140	0.36	<0.01	1.2	3.3
555404		22.4	0.81	0.08	0.1	<0.005	<0.005	<0.01	5.8	6.3	3.38	9390	0.42	<0.01	1.5	4.4
555405		19.65	2.53	0.08	0.2	0.007	0.007	<0.01	6.5	10.3	2.93	7650	0.59	<0.01	1.0	10.3
555406		0.19	0.41	<0.05	0.1	<0.005	<0.005	0.01	1.1	1.0	1.30	113	0.05	0.10	0.2	<0.2
555407		23.4	2.79	0.08	0.2	0.005	0.011	<0.01	10.2	13.8	3.01	9640	0.98	0.01	1.3	5.4
555408		20.5	1.47	0.08	0.1	<0.005	0.005	<0.01	6.7	8.6	3.11	8220	0.42	0.01	0.8	3.0
555409		25.4	1.48	0.09	0.1	<0.005	0.005	<0.01	7.5	9.2	3.56	7730	0.35	0.01	1.1	3.8
555410		23.8	2.25	0.08	0.2	<0.005	0.007	<0.01	9.0	12.7	3.03	6390	0.49	0.01	1.4	4.4
555411		20.5	1.53	0.07	0.1	0.007	0.007	<0.01	5.8	9.5	2.69	6140	0.24	0.01	0.6	4.2
555412		23.5	3.28	0.09	0.2	<0.005	0.021	<0.01	10.0	15.3	3.22	7080	0.46	<0.01	1.0	21.7
555413		21.4	2.62	0.08	0.5	0.006	0.013	<0.01	10.5	11.4	3.47	5720	0.26	<0.01	1.3	24.6
555414		21.6	2.04	0.08	0.1	<0.005	<0.005	<0.01	5.7	6.8	3.70	6210	0.28	<0.01	1.6	2.8
555415		15.55	2.42	0.06	0.1	<0.005	0.007	<0.01	4.2	7.2	2.69	4360	0.45	<0.01	1.3	4.0
555416		18.05	1.23	0.07	0.1	<0.005	0.005	<0.01	6.1	5.8	3.95	5330	0.52	<0.01	0.6	3.6
555417		16.70	1.27	0.08	0.1	0.005	<0.005	<0.01	3.5	3.8	2.91	4500	0.25	<0.01	0.6	2.9
555418		9.49	2.07	0.06	0.1	<0.005	0.006	<0.01	5.7	5.0	1.96	2790	1.22	0.01	1.3	7.8
555419		7.25	18.80	0.10	3.5	0.028	0.064	0.89	23.5	13.8	2.87	928	2.24	1.70	19.5	143.5
555420		13.30	4.74	0.10	1.4	0.015	0.028	0.39	21.2	10.0	1.26	2450	9.66	0.02	9.2	42.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191842

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555401		260	1.0	1.3	<0.002	0.88	0.17	0.2	1	<0.2	29.1	0.08	0.06	0.24	<0.005	<0.02
555402		410	3.4	0.3	<0.002	1.53	0.08	0.2	1	<0.2	28.3	<0.05	0.11	0.20	<0.005	<0.02
555403		280	1.0	0.2	<0.002	0.12	0.07	0.5	1	<0.2	66.8	0.05	<0.05	0.32	0.012	<0.02
555404		350	0.8	0.1	<0.002	0.05	0.09	0.5	1	<0.2	36.3	0.07	<0.05	0.35	0.014	<0.02
555405		290	1.2	0.1	<0.002	1.06	0.16	1.2	1	<0.2	30.3	0.05	0.10	0.43	0.012	<0.02
555406		70	0.5	0.4	<0.002	0.01	0.05	0.6	2	<0.2	80.9	<0.05	<0.05	0.06	0.021	<0.02
555407		350	1.1	0.1	<0.002	0.55	0.08	1.5	1	<0.2	22.3	0.07	0.06	0.47	0.014	<0.02
555408		270	0.8	0.1	<0.002	0.21	0.08	0.7	1	<0.2	24.4	<0.05	<0.05	0.26	0.007	<0.02
555409		280	1.0	0.1	<0.002	0.34	0.16	0.6	1	<0.2	29.1	<0.05	<0.05	0.21	0.007	<0.02
555410		320	1.1	0.1	<0.002	0.46	0.14	0.8	1	<0.2	26.3	0.07	0.05	0.34	0.011	<0.02
555411		280	0.9	<0.1	<0.002	0.59	0.12	0.4	1	<0.2	34.7	<0.05	0.11	0.11	<0.005	<0.02
555412		470	1.9	<0.1	<0.002	2.63	0.17	1.0	2	<0.2	65.1	0.08	0.19	0.35	0.010	<0.02
555413		250	2.2	0.2	<0.002	2.95	0.16	0.6	2	<0.2	92.4	0.15	0.18	0.77	0.008	<0.02
555414		160	0.9	0.1	<0.002	0.31	0.09	0.5	1	<0.2	39.4	0.06	<0.05	0.20	0.006	<0.02
555415		120	1.0	0.1	<0.002	0.43	0.10	0.6	1	<0.2	33.9	0.05	<0.05	0.23	0.007	<0.02
555416		250	1.2	<0.1	<0.002	0.64	0.13	0.5	1	<0.2	66.0	<0.05	<0.05	0.17	0.005	<0.02
555417		160	0.7	0.1	<0.002	0.52	0.10	0.3	1	<0.2	23.2	<0.05	<0.05	0.11	<0.005	<0.02
555418		90	1.5	0.1	<0.002	0.77	0.20	0.6	1	<0.2	25.3	<0.05	0.06	0.13	0.006	<0.02
555419		1140	13.0	40.4	<0.002	0.02	0.92	20.0	1	1.6	345	1.06	0.05	4.45	0.900	0.18
555420		320	3.9	9.8	0.009	4.55	0.82	2.1	3	0.5	29.8	0.52	0.17	2.04	0.062	0.38

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CERTIFICAT D'ANALYSE VO18191842

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555401		0.3	11	0.1	4.0	17	4.4
555402		0.2	10	0.1	3.2	29	2.9
555403		0.1	12	0.1	4.6	16	4.4
555404		0.1	14	0.1	4.4	10	6.7
555405		0.5	36	0.2	4.1	26	8.9
555406		0.1	4	<0.1	2.1	3	2.9
555407		0.8	44	0.1	5.1	30	11.1
555408		0.4	26	0.1	4.6	13	6.9
555409		0.3	26	0.1	5.3	15	5.9
555410		0.5	39	0.2	5.4	21	9.2
555411		0.2	30	0.1	4.4	19	3.0
555412		0.5	39	0.1	5.9	41	10.6
555413		0.5	22	0.1	6.5	29	25.3
555414		0.3	21	0.1	4.8	13	6.8
555415		0.3	28	0.1	3.5	12	6.6
555416		0.2	14	0.1	5.1	14	4.4
555417		0.1	13	0.1	3.3	12	4.0
555418		0.8	37	0.1	3.5	10	7.9
555419		1.1	145	2.1	19.5	129	146.5
555420		4.1	127	0.5	7.5	34	66.1

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CERTIFICAT D'ANALYSE VO18191842

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18191847

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-032

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

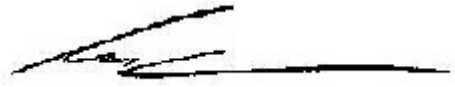
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191847

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
403831		2.34	0.002	0.08	0.55	4.0	10	0.56	0.02	1.05	<0.02	13.40	7.5	16	0.19	7.3
403832		2.56	0.002	0.03	0.41	4.8	10	0.53	0.01	2.66	<0.02	11.45	6.6	17	0.21	4.8
403833		2.40	<0.001	0.02	0.22	7.2	10	0.77	0.01	4.89	<0.02	7.49	4.1	9	0.20	2.3
403834		2.54	0.001	0.04	0.56	1.9	10	1.08	0.02	3.41	<0.02	11.05	8.0	16	0.87	7.1
403835		2.57	0.001	0.02	0.56	0.7	10	0.68	0.01	3.40	<0.02	9.77	7.6	24	2.30	6.4
403836		2.55	<0.001	0.02	0.58	0.5	20	0.81	0.01	3.02	0.02	10.20	6.4	20	4.45	5.6
403837		3.15	<0.001	0.05	1.00	0.6	30	0.81	0.02	1.98	0.17	16.95	8.8	25	10.60	9.5
403838		1.09	0.004	0.14	0.47	5.4	<10	0.07	0.03	1.36	0.04	9.04	112.5	17	0.05	83.8
403839		0.07	7.66	1.33	6.08	32.4	310	0.99	0.48	3.00	0.08	28.0	41.7	324	0.63	112.0
403840		2.33	0.004	0.14	0.19	1.0	<10	0.09	0.03	6.14	0.07	5.90	3.8	10	<0.05	86.9
403841		2.48	0.001	0.18	0.10	0.7	<10	0.12	0.03	10.55	0.12	11.40	11.0	7	<0.05	99.3
403842		2.47	0.007	0.34	0.11	0.8	<10	0.09	0.06	6.54	0.10	14.90	9.3	5	<0.05	171.5
403843		2.54	0.002	0.20	0.34	1.2	<10	0.11	0.03	6.15	0.07	12.20	40.0	8	<0.05	100.0
403844		2.80	0.009	0.45	0.29	602	<10	0.12	0.09	2.98	0.07	12.25	16.4	6	<0.05	283
403845		2.60	0.008	0.32	0.39	759	<10	0.15	0.11	3.44	0.07	20.5	4.1	14	<0.05	164.5
403846		0.28	0.002	<0.01	0.05	1.8	10	0.06	<0.01	35.1	<0.02	0.78	0.6	1	<0.05	1.8
403847		2.52	0.007	0.34	0.29	422	<10	0.10	0.08	1.95	0.07	12.80	3.5	10	<0.05	160.0
403848		2.57	0.002	0.23	0.10	48.6	<10	0.09	0.04	6.32	0.11	9.93	8.3	6	<0.05	101.0
403849		2.61	0.005	0.15	0.12	4.9	<10	0.13	0.03	6.79	0.07	22.3	3.3	6	<0.05	55.0
403850		2.74	0.002	0.15	0.10	16.4	<10	0.08	0.05	1.65	0.05	17.10	2.2	4	<0.05	52.3

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Projet: Kan

CERTIFICAT D'ANALYSE VO18191847

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
403831		22.4	2.49	0.09	0.4	0.011	0.013	0.03	7.4	3.2	3.14	11600	0.29	<0.01	4.0	8.5
403832		18.45	1.92	0.08	0.3	0.007	0.008	0.03	6.6	2.8	2.97	9700	0.25	0.01	3.2	6.4
403833		17.60	1.09	0.07	0.2	0.006	<0.005	0.03	4.4	2.5	3.43	9830	0.13	<0.01	1.9	4.0
403834		19.60	2.64	0.08	0.4	0.020	0.009	0.12	6.2	3.8	3.17	11750	0.23	0.01	4.0	9.4
403835		17.20	2.80	0.07	0.3	0.036	0.012	0.14	5.6	2.8	2.85	12450	0.34	0.02	3.3	9.9
403836		15.85	2.75	0.07	0.4	0.028	0.018	0.23	5.8	2.9	2.57	12650	0.28	0.04	3.8	8.7
403837		19.35	4.08	0.09	0.7	0.040	0.020	0.40	9.8	3.1	2.68	17300	0.56	0.09	6.1	13.7
403838		9.72	2.00	0.08	0.1	0.018	0.006	0.01	5.7	9.9	1.09	780	1.26	<0.01	1.0	34.7
403839		5.54	14.40	0.08	2.2	0.166	0.044	1.07	15.5	15.4	4.02	738	5.77	1.20	16.3	250
403840		10.90	1.43	0.06	<0.1	0.013	0.006	0.01	3.8	3.6	2.83	2800	1.17	<0.01	0.6	39.8
403841		13.85	0.89	0.08	0.1	0.013	0.010	<0.01	7.1	2.6	4.66	4940	1.27	<0.01	1.1	47.4
403842		21.0	1.11	0.09	0.1	0.013	0.031	<0.01	9.5	2.3	4.49	6160	1.14	<0.01	0.8	101.0
403843		14.75	2.89	0.08	0.1	0.008	0.020	<0.01	7.1	6.4	3.86	4880	0.45	<0.01	0.8	44.4
403844		27.9	2.39	0.11	0.1	0.022	0.048	<0.01	7.2	4.8	4.63	7780	0.68	<0.01	0.4	134.0
403845		21.0	3.95	0.10	0.3	0.032	0.039	<0.01	13.5	7.2	4.38	7110	0.47	<0.01	0.8	81.6
403846		0.14	0.16	<0.05	<0.1	<0.005	<0.005	0.01	1.1	1.1	1.38	99	<0.05	0.02	0.1	<0.2
403847		21.1	2.77	0.09	0.1	0.027	0.038	<0.01	7.9	4.5	3.83	6420	0.22	<0.01	0.6	85.8
403848		17.65	0.99	0.06	0.1	0.009	0.029	<0.01	5.8	1.9	4.47	5670	0.18	<0.01	0.4	52.5
403849		20.1	1.34	0.07	0.1	0.016	0.027	<0.01	12.4	2.5	5.50	7100	0.16	<0.01	1.3	20.0
403850		23.5	1.20	0.06	0.1	0.009	0.013	<0.01	9.4	1.6	4.25	6830	0.63	<0.01	0.9	19.2

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CERTIFICAT D'ANALYSE VO18191847

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
403831		490	1.2	1.2	<0.002	0.14	0.07	1.6	1	0.2	9.9	0.25	<0.05	0.62	0.072	<0.02
403832		420	1.3	1.6	<0.002	0.11	0.07	1.2	1	0.5	19.5	0.23	<0.05	0.58	0.055	0.02
403833		330	1.4	1.3	<0.002	0.05	0.08	0.6	1	<0.2	27.7	0.12	<0.05	0.27	0.032	<0.02
403834		400	1.5	4.7	<0.002	0.18	0.07	1.5	1	1.1	21.7	0.28	<0.05	0.59	0.079	0.04
403835		450	1.4	6.1	<0.002	0.12	0.09	1.6	1	<0.2	32.2	0.19	<0.05	0.50	0.075	0.04
403836		430	1.3	10.7	<0.002	0.11	0.08	1.6	1	0.3	37.8	0.24	<0.05	0.56	0.084	0.05
403837		590	1.4	20.8	<0.002	0.31	0.15	2.7	1	0.3	44.5	0.35	<0.05	1.07	0.115	0.06
403838		160	3.4	0.2	<0.002	5.60	0.53	0.7	3	<0.2	18.2	0.06	0.49	0.20	0.006	<0.02
403839		1100	9.2	36.1	<0.002	0.09	0.72	19.2	1	1.0	278	0.86	0.23	2.08	0.669	0.17
403840		120	3.2	0.2	<0.002	3.68	0.44	0.4	1	<0.2	79.0	<0.05	0.26	0.08	<0.005	<0.02
403841		250	3.6	0.2	<0.002	4.13	0.31	0.3	2	0.2	142.5	<0.05	0.25	0.14	<0.005	<0.02
403842		770	4.1	0.1	<0.002	6.64	0.41	0.3	2	<0.2	91.3	<0.05	0.38	0.14	<0.005	<0.02
403843		170	3.0	0.1	<0.002	4.90	0.36	0.7	2	<0.2	79.9	<0.05	0.29	0.15	<0.005	<0.02
403844		340	5.7	<0.1	<0.002	9.61	0.82	0.4	2	<0.2	52.4	<0.05	0.96	0.15	<0.005	<0.02
403845		440	7.4	0.1	<0.002	6.46	1.21	0.7	2	<0.2	63.3	0.10	0.60	0.47	0.007	<0.02
403846		70	<0.5	0.3	<0.002	0.02	<0.05	0.2	2	<0.2	85.1	<0.05	<0.05	0.05	<0.005	<0.02
403847		230	6.8	0.1	<0.002	6.83	0.84	0.4	2	<0.2	39.8	0.05	0.55	0.24	<0.005	<0.02
403848		140	5.0	0.2	<0.002	4.80	0.43	0.3	1	<0.2	86.9	<0.05	0.28	0.15	<0.005	<0.02
403849		270	2.7	0.1	<0.002	2.87	0.30	0.3	1	0.4	65.0	0.06	0.18	0.21	0.005	<0.02
403850		370	1.9	0.1	<0.002	2.74	0.18	0.3	1	<0.2	19.5	0.05	0.20	0.18	<0.005	<0.02

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191847

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
403831		0.3	40	0.4	5.6	11	20.4
403832		0.3	30	0.2	4.9	8	15.3
403833		0.1	20	0.2	4.5	6	8.6
403834		0.4	44	0.3	5.7	10	20.3
403835		0.4	50	0.2	5.1	11	17.1
403836		0.4	57	0.2	5.1	11	19.5
403837		0.6	77	0.4	5.6	21	32.4
403838		0.7	31	0.1	2.3	34	7.5
403839		0.6	144	8.9	13.8	85	95.4
403840		0.3	18	0.1	3.7	23	4.7
403841		0.3	14	0.1	6.2	25	4.3
403842		0.3	13	0.1	6.2	36	4.0
403843		0.3	25	0.1	4.2	39	4.2
403844		0.3	22	0.1	4.8	56	6.7
403845		0.8	37	0.2	7.0	53	25.2
403846		0.2	1	<0.1	1.9	3	1.2
403847		0.4	27	0.1	4.7	51	12.2
403848		0.3	11	0.1	4.5	37	6.7
403849		0.4	17	0.1	5.2	43	7.5
403850		0.2	15	0.1	3.7	36	6.3

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CERTIFICAT D'ANALYSE VO18191847

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date:
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Compte: MINVIR

CERTIFICAT VO18191850

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-031

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

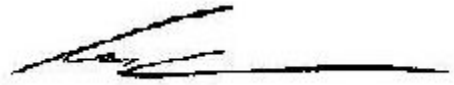
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191850

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
403811		2.48	0.001	0.02	0.68	6.9	10	0.62	0.02	2.18	<0.02	15.15	7.7	17	0.78	6.4
403812		2.35	<0.001	0.02	0.28	1.4	<10	0.67	0.01	2.49	<0.02	7.09	5.2	15	0.23	3.8
403813		2.46	<0.001	0.02	0.32	2.8	<10	0.34	0.01	2.84	0.02	8.53	6.1	11	0.44	3.6
403814		2.46	<0.001	0.02	0.49	8.1	<10	0.35	0.03	2.80	<0.02	12.90	7.8	14	0.79	5.7
403815		2.25	<0.001	0.03	0.41	8.5	<10	0.31	0.02	2.12	<0.02	9.60	6.8	12	0.37	4.2
403816		2.53	0.001	0.02	0.46	11.8	10	0.34	0.02	1.50	<0.02	12.65	7.4	14	0.40	6.2
403817		2.45	0.001	0.03	0.68	3.4	<10	0.45	0.03	1.48	<0.02	14.05	7.7	19	0.52	7.4
403818		2.88	0.001	0.02	0.87	3.1	10	0.49	0.04	1.60	0.02	17.85	11.1	23	0.47	11.6
403819		0.07	2.56	0.46	6.86	11.9	330	0.95	0.17	4.77	0.07	42.0	55.8	317	0.69	86.2
403820		2.22	0.008	0.07	0.63	10.4	10	0.34	0.02	2.17	0.02	15.00	8.6	19	0.95	7.1
403821		2.43	0.001	0.03	0.64	1.7	10	0.27	0.01	3.33	0.07	15.95	7.0	24	3.50	8.4
403822		2.55	0.002	0.03	0.86	18.2	<10	0.64	0.03	1.02	0.03	19.80	9.2	27	0.47	5.8
403823		2.34	<0.001	0.05	0.56	7.9	10	0.34	0.03	2.31	0.03	9.63	7.2	22	0.75	7.4
403824		2.49	<0.001	0.03	0.76	18.1	10	0.47	0.02	3.55	0.06	15.45	8.9	25	1.35	5.3
403825		2.42	<0.001	0.11	0.41	3.1	10	0.35	0.03	2.60	0.03	10.75	9.4	20	0.92	16.7
403826		0.26	<0.001	<0.01	0.06	0.5	20	0.05	0.01	32.8	0.02	0.94	0.5	2	<0.05	0.7
403827		2.37	<0.001	0.03	0.56	12.9	<10	0.41	0.01	3.27	0.02	16.65	6.6	18	0.79	3.5
403828		2.50	0.002	0.02	0.86	16.3	<10	0.36	0.03	1.94	0.04	18.00	10.0	26	0.37	7.0
403829		2.66	<0.001	0.01	0.62	1.4	<10	0.39	0.02	1.15	0.02	15.15	7.6	19	0.14	4.9
403830		2.50	0.001	0.04	0.83	6.8	10	0.36	0.04	1.33	0.02	15.70	9.4	26	0.25	10.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
26-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191850

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
403811		17.95	3.35	0.05	0.5	<0.005	0.015	0.10	8.1	3.2	2.71	12850	0.36	0.01	4.2	9.3
403812		15.00	1.34	0.06	0.2	<0.005	0.007	0.03	4.0	1.9	2.42	11900	0.37	0.01	2.1	6.1
403813		17.05	1.41	0.11	0.2	<0.005	0.009	0.05	4.7	1.3	2.87	11100	0.29	<0.01	2.6	7.0
403814		17.45	2.27	0.09	0.4	<0.005	0.012	0.08	6.7	1.7	2.99	10050	0.35	<0.01	4.1	8.7
403815		18.70	1.90	0.10	0.3	0.010	0.009	0.04	5.1	1.4	3.05	10350	0.33	<0.01	3.2	7.0
403816		21.6	2.21	0.09	0.4	<0.005	0.011	0.05	6.6	1.5	3.28	11600	0.32	<0.01	3.8	8.5
403817		21.3	3.11	0.09	0.5	0.006	0.014	0.06	7.4	2.1	3.20	11000	0.28	<0.01	5.1	10.3
403818		25.3	4.12	0.11	0.6	<0.005	0.021	0.05	9.6	2.5	3.65	14500	0.48	<0.01	5.5	15.0
403819		7.52	18.65	0.13	3.5	0.054	0.062	0.99	20.8	7.9	5.54	1040	3.04	2.02	29.5	348
403820		19.90	3.06	0.10	0.5	0.008	0.026	0.06	8.0	2.0	2.92	11650	0.69	0.01	5.2	12.6
403821		15.00	2.68	0.10	0.5	0.012	0.081	0.13	8.3	1.8	2.56	8770	1.29	0.03	4.7	10.2
403822		19.75	3.55	0.10	0.6	<0.005	0.014	0.04	10.3	2.7	2.64	14300	1.31	<0.01	5.3	16.8
403823		16.15	2.31	0.09	0.3	<0.005	0.071	0.05	5.1	1.8	2.41	10400	1.69	0.01	3.6	8.3
403824		20.2	3.68	0.11	0.6	0.008	0.096	0.10	7.9	2.5	3.50	10600	1.59	0.01	5.5	11.7
403825		15.65	2.50	0.09	0.4	<0.005	0.291	0.07	5.8	1.4	2.02	7680	1.20	0.01	4.0	10.1
403826		0.17	0.18	0.07	<0.1	<0.005	<0.005	0.01	1.1	1.1	1.57	122	<0.05	0.03	0.1	0.2
403827		18.60	2.58	0.09	0.7	<0.005	0.042	0.05	8.2	1.7	2.68	11400	0.73	0.01	6.2	9.0
403828		19.15	4.21	0.10	0.7	0.006	0.024	0.03	9.4	2.7	2.63	13050	0.89	<0.01	6.9	15.5
403829		18.90	2.77	0.10	0.4	<0.005	0.014	0.01	8.1	2.3	2.44	12450	0.45	<0.01	4.1	10.1
403830		18.95	3.51	0.10	0.6	0.021	0.021	0.03	8.2	3.6	2.44	13850	0.56	<0.01	5.4	15.3

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CERTIFICAT D'ANALYSE VO18191850

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
403811		660	1.6	4.8	<0.002	0.15	0.09	2.2	1	0.2	27.4	0.26	0.05	0.71	0.087	0.06
403812		290	1.3	1.4	<0.002	0.07	0.06	0.9	1	<0.2	20.9	0.11	<0.05	0.32	0.040	0.02
403813		360	1.9	2.3	<0.002	0.06	0.08	1.0	<1	<0.2	31.2	0.14	<0.05	0.37	0.044	0.03
403814		400	1.6	4.0	<0.002	0.12	0.09	1.5	1	0.2	31.6	0.23	0.07	0.66	0.069	0.05
403815		330	1.1	1.9	<0.002	0.09	0.09	1.3	<1	<0.2	24.9	0.20	<0.05	0.51	0.049	0.02
403816		410	1.5	2.2	<0.002	0.12	0.10	1.5	<1	<0.2	17.9	0.22	<0.05	0.63	0.058	0.03
403817		400	1.4	2.7	<0.002	0.15	0.11	2.1	1	0.2	17.5	0.31	<0.05	0.81	0.084	0.04
403818		550	1.6	2.3	<0.002	0.22	0.11	2.8	<1	0.2	18.7	0.30	0.06	0.98	0.104	0.03
403819		1860	5.2	30.4	<0.002	0.02	0.34	23.6	<1	1.3	482	1.61	0.06	2.74	1.045	0.07
403820		470	1.5	2.9	<0.002	0.26	0.11	2.2	<1	0.3	27.1	0.26	0.05	0.88	0.075	0.02
403821		360	2.7	6.1	<0.002	0.39	0.13	2.0	<1	0.4	56.4	0.26	<0.05	1.13	0.061	0.03
403822		510	1.2	2.2	<0.002	0.14	0.11	2.3	<1	0.3	11.5	0.28	<0.05	1.05	0.074	0.02
403823		350	3.4	2.4	<0.002	0.42	0.09	1.5	1	0.5	21.6	0.14	<0.05	0.71	0.048	0.03
403824		410	1.8	4.5	<0.002	0.27	0.13	2.4	<1	0.7	34.5	0.25	0.05	1.22	0.080	0.04
403825		410	8.0	3.6	<0.002	1.71	0.10	1.2	1	0.4	27.5	0.22	<0.05	0.71	0.046	0.04
403826		70	<0.5	0.3	<0.002	0.01	0.06	0.2	1	<0.2	79.4	<0.05	<0.05	0.06	0.005	<0.02
403827		420	1.5	2.3	<0.002	0.22	0.09	1.8	<1	0.2	36.4	0.37	<0.05	1.08	0.058	0.02
403828		430	1.9	1.4	<0.002	0.25	0.11	2.6	1	0.3	20.6	0.39	0.06	1.25	0.092	0.02
403829		520	1.3	0.6	<0.002	0.13	0.10	2.0	1	0.2	11.8	0.22	0.05	0.70	0.074	<0.02
403830		470	1.9	1.2	<0.002	0.25	0.12	2.8	<1	0.3	13.3	0.29	<0.05	1.00	0.094	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

2103 Dollarton Hwy
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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
26-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191850

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
403811		0.6	48	0.2	6.6	12	20.7
403812		0.2	22	0.2	4.2	7	9.7
403813		0.2	24	0.3	4.6	9	11.0
403814		0.3	37	0.2	5.2	9	18.8
403815		0.3	28	0.2	4.9	9	14.3
403816		0.3	33	0.2	5.6	9	17.4
403817		0.5	48	0.3	6.3	12	24.7
403818		0.8	53	0.3	7.7	16	27.2
403819		0.6	147	3.5	21.8	104	144.5
403820		0.6	42	0.4	6.2	14	23.6
403821		0.8	34	0.2	6.9	15	24.5
403822		1.0	42	0.2	7.0	23	24.3
403823		0.6	30	0.2	4.9	20	12.8
403824		0.8	50	0.4	6.6	29	25.9
403825		0.5	27	0.2	4.9	14	18.9
403826		0.1	1	<0.1	2.1	3	1.5
403827		0.6	36	0.2	6.9	12	29.9
403828		0.9	54	0.2	6.8	20	35.1
403829		0.5	41	0.2	5.5	11	19.6
403830		0.7	49	0.3	5.8	15	25.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18191850

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date:
22-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18191853

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-030

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

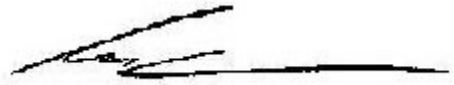
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
22-AOUT-2018
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CERTIFICAT D'ANALYSE VO18191853

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
403791		2.59	0.283	0.78	0.17	1.2	20	0.12	0.03	4.16	0.13	8.46	3.4	6	0.35	22.0
403792		2.62	1.040	0.51	0.37	24.8	30	0.22	0.08	11.05	0.74	10.75	8.5	7	0.38	75.1
403793		2.67	1.170	0.05	0.37	1.9	20	0.22	0.06	5.57	0.36	11.35	7.1	7	0.66	35.1
403794		2.68	1.055	0.10	0.39	1.5	50	0.23	0.04	4.81	0.20	11.50	4.5	7	0.44	26.9
403795		2.56	0.911	0.09	0.23	3.0	20	0.24	0.02	3.41	0.13	8.31	3.7	6	0.23	16.8
403796		2.71	0.214	0.08	0.19	7.6	10	0.22	0.02	3.58	0.11	10.70	5.1	7	0.34	8.6
403797		2.61	0.726	0.02	0.12	5.1	10	0.22	0.02	2.35	0.09	6.63	3.5	10	0.42	11.9
403798		2.53	0.375	0.04	0.54	5.7	30	0.29	0.02	4.79	0.24	8.98	5.1	14	0.82	22.3
403799		0.07	0.664	0.19	7.19	18.7	330	1.22	0.14	4.42	0.19	47.2	42.9	186	1.72	54.6
403800		2.46	2.33	0.38	0.83	10.2	20	0.32	0.03	1.76	0.10	15.35	7.8	22	2.57	13.5
403801		2.67	0.010	0.03	0.56	10.7	30	0.33	0.02	2.16	0.07	14.85	6.0	21	5.04	7.4
403802		2.58	0.009	0.02	1.03	7.5	20	0.37	0.03	2.42	0.07	13.90	7.7	22	4.82	12.3
403803		2.26	<0.001	0.04	0.85	0.9	10	0.36	0.03	1.43	0.12	13.35	6.8	23	0.70	7.9
403804		2.44	0.016	0.10	2.44	25.4	20	0.52	0.12	1.72	0.19	23.0	13.6	40	1.57	29.7
403805		2.19	0.024	0.03	2.04	3.9	30	0.52	0.05	2.68	0.16	20.9	10.0	38	5.72	19.3
403806		0.31	<0.001	<0.01	0.08	<0.2	20	0.06	0.02	34.8	<0.02	0.95	0.5	1	<0.05	0.9
403807		2.52	0.430	0.06	0.67	12.8	40	0.45	0.04	3.81	0.12	12.35	6.3	18	6.78	11.3
403808		2.67	0.300	0.01	0.61	0.3	10	0.37	0.03	2.67	0.04	13.65	4.5	24	1.55	5.6
403809		2.58	0.031	0.02	0.99	1.1	10	0.44	0.03	2.29	0.06	17.90	9.4	26	1.64	7.3
403810		2.49	<0.001	0.01	0.44	1.7	10	0.63	0.02	2.66	0.02	8.45	4.7	22	0.67	4.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
22-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191853

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
403791		22.8	0.69	0.06	0.1	<0.005	0.007	0.04	5.2	1.5	3.55	7290	0.32	0.01	1.0	3.1
403792		20.1	1.32	0.06	0.2	0.019	0.018	0.13	5.2	3.3	3.75	8140	0.22	0.01	1.7	8.7
403793		23.3	1.09	0.06	0.1	0.008	0.018	0.10	5.7	3.0	3.63	9290	0.11	0.01	1.7	5.8
403794		22.5	1.37	0.05	0.1	0.021	0.016	0.11	6.4	3.0	3.85	8900	0.12	0.01	2.7	3.4
403795		20.9	0.86	0.05	0.1	0.010	0.008	0.06	5.3	2.3	3.47	7340	0.12	0.01	1.2	2.7
403796		24.3	0.68	0.05	0.1	<0.005	0.005	0.03	6.6	1.3	4.07	8050	0.21	<0.01	1.5	3.1
403797		21.7	0.48	<0.05	0.1	0.006	0.006	0.04	4.3	0.9	3.29	7190	0.16	0.01	0.9	2.3
403798		18.45	1.91	<0.05	0.2	0.011	0.104	0.13	5.0	2.7	3.16	8890	0.39	0.01	2.6	5.5
403799		7.27	18.20	0.07	3.4	0.013	0.069	0.89	21.6	12.5	2.88	930	2.23	1.71	19.8	143.5
403800		20.7	2.94	0.06	0.6	0.071	0.080	0.11	7.8	1.8	2.89	12950	0.55	0.03	4.9	11.2
403801		22.2	1.64	<0.05	0.5	0.017	0.015	0.16	8.0	1.1	3.29	12600	0.92	0.06	4.0	10.6
403802		19.90	3.58	<0.05	0.5	0.023	0.017	0.16	7.4	1.7	3.06	12250	0.79	0.05	4.5	12.2
403803		19.00	3.12	<0.05	0.5	<0.005	0.018	0.03	7.4	1.8	2.41	17600	0.53	0.01	3.5	10.7
403804		19.60	7.30	0.05	0.9	0.022	0.030	0.16	11.8	7.2	2.63	13650	1.91	0.01	6.4	26.7
403805		19.60	6.23	0.05	0.8	0.031	0.024	0.24	10.9	6.2	3.08	11800	1.12	0.05	5.7	20.2
403806		0.15	0.25	0.06	0.1	<0.005	<0.005	0.01	1.1	0.8	1.24	119	<0.05	0.04	0.2	0.4
403807		18.35	2.55	<0.05	0.4	0.046	0.017	0.25	6.8	1.6	3.10	11800	0.34	0.07	3.5	8.5
403808		15.80	2.41	<0.05	0.5	0.016	0.009	0.06	7.6	1.4	2.58	10900	0.27	0.02	3.7	7.2
403809		22.7	4.22	0.05	0.7	<0.005	0.017	0.12	9.7	2.8	3.52	14000	0.39	0.01	6.8	15.2
403810		15.65	1.80	<0.05	0.3	<0.005	0.007	0.08	4.6	1.8	2.57	10750	0.30	<0.01	2.8	6.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
22-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191853

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
403791		230	1.8	1.5	<0.002	1.23	0.07	0.4	1	<0.2	71.4	<0.05	0.05	0.28	0.009	0.02
403792		380	5.8	3.5	<0.002	3.41	0.22	2.0	4	<0.2	366	0.11	0.18	0.37	0.020	0.06
403793		400	3.1	4.0	<0.002	1.91	0.15	1.0	3	<0.2	146.0	0.12	0.12	0.46	0.015	0.06
403794		300	2.2	3.3	<0.002	1.07	0.10	0.7	1	<0.2	102.5	0.11	0.05	0.43	0.017	0.06
403795		310	1.3	1.6	<0.002	0.53	0.08	0.4	1	<0.2	59.6	0.06	<0.05	0.19	0.011	0.03
403796		360	1.2	1.1	<0.002	0.28	0.08	0.4	1	<0.2	57.8	0.06	<0.05	0.29	0.016	0.02
403797		190	0.9	1.1	<0.002	0.43	0.07	0.3	1	<0.2	39.1	<0.05	<0.05	0.14	0.007	<0.02
403798		240	2.1	4.3	<0.002	0.77	0.14	1.6	1	0.2	119.0	0.17	<0.05	0.47	0.032	0.04
403799		1110	13.3	41.8	<0.002	0.02	0.97	21.4	1	1.6	345	1.12	<0.05	4.45	0.921	0.18
403800		490	1.6	4.3	<0.002	0.48	0.20	2.2	1	0.2	31.4	0.33	0.07	0.92	0.081	0.03
403801		560	3.9	5.4	0.002	0.16	0.23	1.3	1	0.2	34.3	0.28	0.05	0.72	0.074	0.02
403802		530	2.3	5.2	<0.002	0.35	0.19	2.1	1	0.2	39.2	0.29	0.05	0.98	0.103	<0.02
403803		520	1.6	1.1	<0.002	0.29	0.14	2.3	1	<0.2	28.9	0.21	0.05	0.77	0.094	<0.02
403804		470	4.1	7.5	0.006	1.55	0.24	4.0	2	0.4	36.0	0.41	0.10	2.53	0.153	0.09
403805		380	2.8	9.9	0.002	0.64	0.27	3.3	1	0.3	50.1	0.37	<0.05	2.06	0.136	0.05
403806		60	0.5	0.4	<0.002	0.01	0.05	0.1	1	<0.2	80.4	<0.05	<0.05	0.09	0.005	<0.02
403807		530	2.3	10.0	<0.002	0.51	0.17	1.7	1	0.2	63.6	0.23	0.07	0.61	0.088	0.04
403808		580	1.8	2.1	<0.002	0.18	0.12	1.6	<1	<0.2	35.7	0.23	<0.05	0.66	0.088	<0.02
403809		650	3.0	5.3	<0.002	0.22	0.12	2.4	1	0.2	31.0	0.43	0.06	1.17	0.132	0.05
403810		340	1.5	3.6	<0.002	0.09	0.09	1.1	1	0.2	26.2	0.17	<0.05	0.43	0.064	0.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
22-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191853

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
403791		0.2	16	0.1	5.0	19	4.1
403792		0.2	20	0.1	11.7	31	8.8
403793		0.1	15	0.1	6.4	35	5.6
403794		0.1	18	0.1	6.2	30	6.2
403795		0.1	15	0.1	5.4	22	5.0
403796		0.1	14	0.1	5.9	17	5.3
403797		0.1	10	0.1	4.1	12	2.8
403798		0.3	28	0.1	6.9	28	11.4
403799		1.0	145	2.0	20.2	130	146.0
403800		0.6	50	0.2	5.8	28	26.3
403801		0.5	41	0.3	5.7	18	18.3
403802		0.8	79	0.3	5.8	22	21.5
403803		0.6	67	0.3	5.2	22	18.7
403804		2.1	122	0.2	5.6	64	32.5
403805		1.5	98	0.2	5.8	50	28.6
403806		0.2	1	<0.1	2.1	3	2.3
403807		0.4	56	0.2	5.6	21	17.3
403808		0.5	58	0.2	5.1	14	18.2
403809		0.7	97	0.3	7.0	19	32.7
403810		0.3	42	0.2	4.6	10	12.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18191853

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
21- AOUT- 2018
Compte: MINVIR

CERTIFICAT VO18191856

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 029

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6- AOUT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191856

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403771		2.68	0.005	0.01	0.19	11.0	10	0.37	0.02	1.88	0.05	7.94	2.7	8	1.49	3.9
403772		2.60	0.018	0.01	0.20	6.8	10	0.31	0.02	0.91	0.04	5.11	2.9	15	1.55	2.5
403773		2.40	<0.001	0.01	0.18	4.5	20	0.19	0.02	0.63	0.03	4.06	2.7	11	2.30	1.5
403774		2.57	0.186	0.13	0.10	4.2	10	0.21	0.07	7.05	0.13	9.99	10.4	4	1.05	36.5
403775		2.33	0.001	0.05	0.16	4.0	10	0.23	0.04	2.43	0.04	7.61	6.0	7	1.59	15.3
403776		2.55	0.009	0.05	0.13	3.6	<10	0.34	0.04	4.64	0.03	10.35	6.0	5	0.39	13.9
403777		2.44	0.059	0.02	0.24	4.9	<10	0.43	0.03	2.59	0.03	7.43	4.3	10	0.31	2.8
403778		2.63	0.016	0.12	0.23	8.7	10	0.24	0.03	2.98	0.04	8.50	5.5	8	0.79	3.8
403779		0.07	7.68	1.27	6.15	35.1	320	0.72	0.46	3.04	0.07	31.3	41.6	334	0.63	116.5
403780		2.74	0.002	0.01	0.29	11.6	<10	0.38	0.01	3.36	0.02	15.90	6.8	10	0.57	1.4
403781		3.57	0.001	0.01	0.26	10.7	10	0.25	0.02	2.89	0.03	13.00	6.3	13	0.74	6.1
403782		1.86	0.010	0.42	4.91	4.3	200	2.09	0.16	0.44	1.36	71.1	27.7	69	1.51	161.0
403783		2.15	0.004	0.11	0.30	8.2	10	0.16	0.03	3.60	0.09	13.40	5.0	18	0.28	20.5
403784		2.54	0.002	0.01	0.27	1.3	10	0.23	0.02	5.59	0.09	9.98	2.4	8	0.71	5.1
403785		2.53	0.007	0.04	0.12	2.4	10	0.16	0.02	3.54	0.04	7.29	2.1	10	0.44	7.7
403786		0.31	<0.001	<0.01	0.06	2.5	20	<0.05	0.01	33.9	0.04	0.92	0.5	2	<0.05	0.9
403787		2.37	0.050	0.01	0.20	1.0	10	0.22	0.01	4.85	0.05	7.00	2.7	9	1.24	10.3
403788		2.54	0.029	0.02	0.20	0.9	10	0.19	0.02	5.13	0.11	9.35	2.8	18	0.49	14.8
403789		2.67	0.378	0.02	0.23	6.4	10	0.19	0.02	1.77	0.08	9.87	2.7	8	0.44	8.9
403790		2.72	1.890	1.87	0.29	1.5	20	0.18	0.03	3.60	0.15	10.40	5.3	6	0.39	36.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
21- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191856

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403771		22.2	1.24	<0.05	0.1	0.010	0.005	0.06	4.6	0.6	3.46	5600	0.25	0.03	2.4	2.6
403772		22.6	1.06	<0.05	0.1	0.011	0.006	0.07	3.1	0.7	3.20	5720	0.54	0.02	3.0	3.2
403773		21.3	0.87	<0.05	0.1	0.011	<0.005	0.09	2.5	0.7	2.93	5450	0.27	0.03	2.9	2.4
403774		20.9	0.50	0.05	0.1	0.021	0.005	0.04	5.5	0.7	3.50	4710	0.82	0.02	1.3	11.6
403775		22.4	0.97	<0.05	0.1	0.014	0.006	0.06	4.5	0.6	3.12	5510	0.72	0.02	2.8	6.2
403776		20.7	0.70	<0.05	0.1	<0.005	<0.005	0.02	6.1	0.8	3.20	6080	0.37	0.01	1.5	5.8
403777		22.0	1.32	<0.05	0.2	<0.005	0.006	0.04	4.3	1.7	3.16	6190	0.34	<0.01	5.3	3.3
403778		24.9	1.22	0.05	0.2	<0.005	0.006	0.04	5.0	1.1	3.71	7110	0.42	0.01	3.9	4.4
403779		5.65	15.35	0.05	2.3	0.169	0.047	1.07	15.6	13.4	4.07	763	5.92	1.21	17.2	251
403780		23.8	1.39	<0.05	0.2	<0.005	0.007	0.02	7.8	1.1	3.49	10450	0.55	0.01	4.0	3.9
403781		18.55	1.26	<0.05	0.2	0.009	0.006	0.05	7.9	1.4	2.79	8420	0.63	0.02	2.6	4.6
403782		14.10	14.85	0.11	3.2	0.191	0.082	2.23	38.4	28.3	0.59	416	13.85	0.51	13.2	64.8
403783		13.95	2.21	0.05	0.2	0.008	0.009	0.08	6.9	3.2	2.71	4070	1.68	0.01	2.5	10.7
403784		16.80	1.66	<0.05	0.1	<0.005	0.008	0.05	5.8	1.8	3.64	5160	0.77	0.01	2.0	2.6
403785		17.70	0.78	<0.05	0.1	0.005	0.005	0.02	4.3	0.8	2.95	4540	0.24	<0.01	1.9	2.1
403786		0.22	0.17	<0.05	<0.1	<0.005	<0.005	0.01	1.1	0.8	1.33	103	<0.05	0.03	0.1	<0.2
403787		14.45	1.25	<0.05	0.1	<0.005	0.006	0.05	4.0	1.1	2.86	4000	0.37	0.01	2.1	2.8
403788		17.75	1.46	<0.05	0.1	0.007	0.006	0.04	5.4	1.8	3.46	4760	0.42	<0.01	2.7	3.0
403789		21.4	1.08	0.05	0.2	<0.005	0.007	0.04	5.4	1.8	3.29	6090	0.23	<0.01	4.4	1.9
403790		21.5	1.10	<0.05	0.1	0.028	0.010	0.08	6.0	2.3	3.26	6800	0.28	<0.01	1.4	4.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
21- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191856

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403771		170	1.5	1.9	<0.002	0.43	0.09	0.5	<1	<0.2	24.9	0.08	<0.05	0.24	0.013	<0.02
403772		80	1.1	2.7	<0.002	0.29	0.12	0.5	1	<0.2	10.1	0.10	<0.05	0.33	0.015	0.02
403773		50	0.7	3.4	<0.002	0.20	0.12	0.4	<1	<0.2	7.5	0.09	<0.05	0.25	0.014	0.02
403774		120	4.0	1.4	<0.002	3.82	0.16	0.3	1	<0.2	95.0	0.07	0.16	0.15	<0.005	<0.02
403775		130	1.8	2.1	<0.002	1.54	0.15	0.5	1	<0.2	27.2	0.10	0.07	0.24	0.011	<0.02
403776		260	1.9	0.9	<0.002	1.35	0.10	0.4	1	<0.2	41.6	0.06	0.06	0.15	0.007	<0.02
403777		110	1.2	1.9	<0.002	0.29	0.11	0.6	1	<0.2	23.3	0.13	0.05	0.32	0.016	0.03
403778		160	1.6	1.8	<0.002	0.48	0.14	0.7	1	<0.2	33.4	0.16	0.08	0.41	0.021	0.02
403779		1130	9.3	40.8	<0.002	0.09	0.77	21.8	1	1.0	282	0.94	0.23	2.32	0.687	0.18
403780		590	1.0	1.0	<0.002	0.05	0.11	0.8	1	<0.2	38.8	0.11	0.05	0.79	0.028	<0.02
403781		850	1.7	2.0	<0.002	0.32	0.11	0.6	1	<0.2	38.2	0.11	0.05	0.42	0.025	0.03
403782		770	47.7	63.4	0.017	7.41	2.46	11.7	4	1.7	25.8	0.72	0.62	4.39	0.222	1.27
403783		120	2.7	2.9	0.003	1.50	0.14	1.0	1	<0.2	67.4	0.09	0.08	0.20	0.016	0.06
403784		110	1.7	2.1	<0.002	0.38	0.25	0.6	1	<0.2	84.9	0.09	<0.05	0.26	0.015	0.02
403785		140	1.1	1.0	<0.002	0.47	0.09	0.4	1	<0.2	44.8	0.06	<0.05	0.18	0.009	<0.02
403786		60	0.5	0.3	<0.002	0.06	0.05	0.2	1	<0.2	77.9	<0.05	<0.05	0.04	0.005	<0.02
403787		110	1.4	1.9	<0.002	0.67	0.09	0.5	1	<0.2	72.0	0.07	0.05	0.19	0.011	<0.02
403788		90	1.8	1.9	<0.002	0.96	0.08	0.7	1	<0.2	89.6	0.08	0.05	0.27	0.015	0.03
403789		210	0.9	2.0	<0.002	0.60	0.11	0.4	1	<0.2	34.8	0.23	<0.05	0.41	0.009	0.03
403790		250	1.9	2.7	<0.002	1.91	0.08	0.5	1	<0.2	77.2	0.06	0.10	0.19	0.011	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
21- AOUT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191856

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403771		0.3	17	0.1	4.8	12	7.5
403772		0.3	20	0.1	3.9	13	7.4
403773		0.2	20	0.1	3.3	10	6.4
403774		0.1	10	0.1	6.6	11	3.0
403775		0.3	20	0.1	4.4	11	6.2
403776		0.2	16	0.1	6.1	8	4.1
403777		0.5	27	0.1	5.0	11	8.6
403778		0.5	25	0.3	5.9	14	11.3
403779		0.5	147	8.9	15.9	86	102.0
403780		0.2	18	0.2	7.0	10	8.8
403781		0.3	20	0.1	6.1	11	9.3
403782		10.2	167	1.8	13.9	305	144.0
403783		1.1	53	0.4	5.2	22	11.6
403784		0.3	26	0.1	5.8	16	6.8
403785		0.2	17	0.1	4.3	10	4.7
403786		0.1	1	<0.1	2.2	11	1.4
403787		0.2	24	0.1	4.9	11	5.0
403788		0.3	26	0.1	5.9	17	6.8
403789		0.2	16	0.1	5.0	19	11.5
403790		0.2	22	0.1	5.8	23	5.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18191856

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
22-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18191859

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-028

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

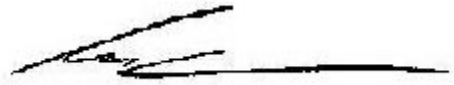
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
22-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191859

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
403751		2.40	0.001	0.01	0.77	0.9	50	0.33	0.02	2.84	0.04	13.50	7.5	19	6.03	3.9
403752		2.69	0.009	0.01	0.61	1.7	70	0.38	0.03	2.23	0.06	12.55	6.4	17	7.78	5.5
403753		2.94	0.604	0.01	0.39	0.5	50	0.35	0.04	3.80	0.13	11.25	3.7	11	5.25	9.9
403754		2.57	0.464	0.01	0.33	1.6	50	0.24	0.03	2.65	0.10	11.20	4.7	10	5.45	10.3
403755		2.64	9.77	0.21	0.60	3.4	80	0.25	0.05	7.50	0.28	18.50	8.2	6	9.49	33.9
403756		2.13	3.22	0.07	0.37	0.5	50	0.22	0.04	6.07	0.15	6.23	3.7	8	5.73	15.0
403757		2.43	0.085	0.02	0.21	10.3	30	0.17	0.04	3.66	0.11	10.40	3.5	34	3.16	8.7
403758		2.28	0.272	0.11	2.09	0.5	150	1.39	0.13	2.95	0.13	29.1	8.7	34	2.69	30.0
403759		0.07	2.57	0.46	6.59	9.6	330	1.11	0.18	4.70	0.09	43.7	48.8	318	0.64	75.2
403760		2.65	0.350	0.02	0.62	0.4	30	0.25	0.04	3.44	0.16	26.0	4.0	8	4.00	15.6
403761		2.36	6.37	1.30	0.32	0.3	40	0.22	0.03	5.07	0.19	7.19	2.2	8	5.36	6.4
403762		2.71	6.12	0.26	0.47	3.2	50	0.31	0.06	3.82	0.24	8.29	4.9	7	7.22	24.7
403763		2.51	4.88	0.41	0.50	3.5	70	0.32	0.05	5.20	0.25	9.94	6.4	6	8.40	23.4
403764		3.94	1.925	0.20	0.41	1.1	30	0.33	0.04	6.67	0.21	15.35	5.1	7	4.00	15.3
403765		3.93	0.010	0.01	0.11	6.4	10	0.31	0.02	1.38	0.04	7.22	2.2	8	1.29	2.4
403766		0.27	0.003	<0.01	0.06	<0.2	10	0.06	0.01	31.9	<0.02	0.85	0.5	2	<0.05	1.0
403767		2.59	0.003	0.02	0.24	10.6	20	0.40	0.04	6.15	0.05	12.65	3.7	9	2.35	3.9
403768		2.32	0.317	0.02	0.35	2.2	20	0.35	0.02	1.67	0.04	18.40	4.6	8	2.09	5.4
403769		2.17	2.47	0.14	0.24	1.6	20	0.32	0.02	1.63	0.04	11.85	4.1	10	2.90	5.3
403770		2.54	0.018	0.05	0.34	1.5	20	0.44	0.04	2.44	0.05	16.85	4.4	8	3.12	8.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
22-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191859

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
403751		17.80	3.55	<0.05	0.5	0.038	0.017	0.19	7.1	1.3	2.84	14850	0.42	0.08	4.7	9.7
403752		19.20	2.81	0.09	0.5	0.020	0.016	0.25	7.0	1.3	2.98	13700	0.57	0.10	4.7	8.5
403753		22.0	1.32	0.09	0.2	0.035	0.009	0.17	6.8	1.0	4.08	9540	0.46	0.07	2.0	4.8
403754		21.1	1.11	0.08	0.1	0.026	0.010	0.17	7.0	0.6	2.93	9640	0.30	0.08	1.6	3.8
403755		18.50	1.84	0.08	0.8	0.372	0.017	0.30	10.6	1.3	3.41	5480	0.22	0.13	1.7	10.7
403756		15.85	1.69	0.06	0.1	0.042	0.012	0.18	3.8	0.8	3.45	4340	0.56	0.08	1.4	4.9
403757		14.05	1.21	0.07	0.1	0.012	0.007	0.11	6.1	0.7	2.73	4120	1.64	0.04	1.8	6.1
403758		16.05	5.66	0.08	1.4	0.062	0.031	0.75	16.5	8.2	2.00	3790	5.66	0.12	11.4	18.5
403759		7.24	16.00	0.11	3.1	0.050	0.064	0.97	20.9	8.0	5.37	1000	2.95	1.93	26.8	339
403760		19.65	2.88	0.07	1.0	0.016	0.010	0.13	14.3	1.1	3.24	5140	0.43	0.06	9.7	5.1
403761		16.05	1.08	0.08	0.1	0.130	0.008	0.17	4.4	0.7	3.31	5040	0.49	0.07	1.0	2.6
403762		20.8	1.51	0.07	0.1	0.366	0.016	0.25	4.9	1.2	3.26	5890	0.48	0.09	0.9	8.1
403763		20.5	1.81	0.07	0.1	0.204	0.015	0.26	5.7	0.9	3.36	5980	0.82	0.11	1.0	9.5
403764		18.85	2.03	0.07	0.4	0.072	0.008	0.13	8.6	1.1	3.61	5810	0.71	0.06	5.5	6.4
403765		19.25	1.68	0.07	0.1	0.005	<0.005	0.05	4.4	0.6	3.24	5100	0.25	0.02	1.0	3.2
403766		0.16	0.17	0.08	<0.1	<0.005	<0.005	0.01	1.1	1.0	1.58	103	<0.05	0.03	0.1	<0.2
403767		18.15	3.69	0.06	0.1	0.010	0.007	0.09	7.6	1.0	4.34	4650	0.86	0.03	2.0	5.3
403768		22.2	1.88	0.07	0.5	0.009	0.007	0.06	10.7	0.7	3.03	6600	0.44	0.03	5.8	3.4
403769		21.8	1.00	0.07	0.1	0.048	0.009	0.09	7.5	0.6	2.88	6750	0.29	0.04	2.1	3.4
403770		22.1	1.74	0.07	0.4	0.030	0.010	0.10	9.7	0.7	2.95	5790	0.72	0.04	6.9	4.3

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CERTIFICAT D'ANALYSE VO18191859

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
403751		540	1.5	7.0	<0.002	0.19	0.22	2.5	1	<0.2	47.8	0.27	<0.05	0.84	0.090	<0.02
403752		390	2.6	8.4	<0.002	0.13	0.21	1.7	<1	<0.2	38.1	0.28	<0.05	0.80	0.084	0.02
403753		360	2.0	5.7	<0.002	0.48	0.14	0.9	1	<0.2	67.3	0.14	0.07	0.52	0.038	0.02
403754		480	1.6	5.6	<0.002	0.59	0.16	0.5	1	<0.2	45.0	0.08	0.05	0.41	0.019	0.02
403755		180	4.4	9.9	<0.002	2.46	0.23	0.6	2	<0.2	146.5	0.28	0.14	1.29	0.016	0.06
403756		140	2.8	5.7	<0.002	0.99	0.15	0.5	1	<0.2	89.5	0.09	0.06	0.20	0.010	0.02
403757		180	2.7	3.5	0.002	0.66	0.16	0.4	<1	<0.2	54.4	0.07	0.07	0.21	0.013	0.03
403758		360	6.9	19.2	0.006	2.37	0.31	3.9	2	1.6	43.8	0.78	0.25	1.79	0.161	0.28
403759		1780	5.0	28.2	<0.002	0.03	0.33	18.3	<1	1.3	463	1.54	0.10	2.79	1.015	0.07
403760		200	2.5	3.9	<0.002	1.10	0.16	0.4	1	<0.2	54.0	0.89	0.06	1.56	0.018	0.03
403761		140	2.0	5.3	<0.002	0.41	0.13	0.5	1	<0.2	85.0	0.10	<0.05	0.19	0.009	0.02
403762		180	4.7	8.6	<0.002	1.87	0.20	0.6	1	<0.2	91.0	0.12	0.10	0.17	0.008	0.06
403763		120	3.4	8.5	<0.002	2.05	0.19	0.8	2	0.2	119.5	0.14	0.11	0.24	0.009	0.03
403764		160	4.5	4.0	<0.002	1.34	0.17	0.6	1	<0.2	116.0	0.39	0.07	0.72	0.016	0.02
403765		200	1.2	1.6	<0.002	0.23	0.12	0.2	<1	<0.2	14.8	<0.05	<0.05	0.13	0.007	0.02
403766		60	<0.5	0.2	<0.002	<0.01	0.05	0.1	1	<0.2	74.3	<0.05	<0.05	0.06	<0.005	<0.02
403767		220	3.0	3.1	<0.002	0.40	0.21	0.6	1	<0.2	75.6	0.09	<0.05	0.28	0.016	0.04
403768		370	1.8	2.0	<0.002	0.57	0.07	0.5	<1	<0.2	23.3	0.47	<0.05	0.80	0.015	<0.02
403769		330	1.4	2.9	<0.002	0.51	0.08	0.4	<1	<0.2	20.9	0.08	<0.05	0.22	0.011	<0.02
403770		280	2.1	3.2	<0.002	0.99	0.10	0.5	1	<0.2	32.4	0.34	0.07	0.71	0.017	<0.02

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QUEBEC QC G1K 7R1

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191859

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
403751		0.5	68	0.3	5.4	20	23.7
403752		0.5	47	0.2	4.8	20	19.5
403753		0.3	23	0.2	5.2	27	10.3
403754		0.2	19	0.1	5.5	20	5.5
403755		0.6	24	0.1	7.7	38	31.9
403756		0.3	23	0.1	4.8	25	5.2
403757		0.7	28	0.1	4.7	17	7.5
403758		4.1	63	0.5	7.2	51	59.5
403759		0.6	144	3.0	19.2	101	130.5
403760		0.5	22	0.2	6.7	34	43.0
403761		0.2	20	0.1	5.0	27	4.9
403762		0.2	23	0.1	6.5	35	4.3
403763		0.2	26	0.1	6.4	33	4.3
403764		0.4	23	0.1	8.2	24	19.1
403765		0.2	14	0.1	4.1	8	3.8
403766		0.1	1	<0.1	1.8	3	1.4
403767		0.7	31	0.1	6.7	9	7.4
403768		0.5	25	0.1	6.4	11	20.9
403769		0.3	21	0.1	4.8	10	5.4
403770		0.5	25	0.1	5.8	14	17.4

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CERTIFICAT D'ANALYSE VO18191859

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 2-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18191862

Projet: Kan

Bon de commande #: KANDH18-065

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

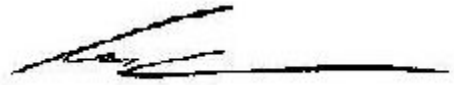
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191862

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457281		4.98	0.044	1.67	5.54	198.5	150	1.72	0.28	2.44	11.65	48.2	21.3	67	3.68	93.6
457282		4.67	0.034	1.24	7.11	113.0	200	1.88	0.17	2.06	5.49	56.6	18.7	74	4.36	183.0
457283		4.52	0.047	1.36	6.61	146.0	170	1.76	0.19	2.23	6.62	53.0	19.6	73	4.53	140.0
457284		4.72	0.063	1.78	5.00	245	130	1.47	0.26	1.11	11.70	49.1	23.9	71	5.15	177.0
457285		5.07	0.044	1.27	6.34	248	100	1.71	0.21	1.68	8.06	51.2	18.7	75	4.04	69.2
457286		5.04	0.063	1.54	4.32	264	110	1.36	0.30	2.79	10.15	39.4	19.4	57	3.93	70.9
457287		4.55	0.078	2.25	3.68	216	110	1.06	0.33	0.94	14.95	42.1	23.2	77	4.48	245
457288		4.84	0.062	2.26	3.16	175.0	90	0.78	0.29	1.12	10.30	40.9	23.7	58	3.02	309
457289		0.07	7.72	1.33	6.05	33.6	310	0.89	0.49	2.91	0.08	29.9	38.2	322	0.63	109.5
457290		4.70	0.049	1.37	6.01	163.0	120	1.42	0.29	1.78	4.93	51.6	19.5	71	3.67	129.5
457291		5.10	0.033	1.05	8.64	80.8	270	1.79	0.21	0.69	2.84	56.8	21.3	87	4.80	148.0
457292		4.77	0.027	0.94	8.53	72.1	270	1.59	0.19	0.64	4.12	51.4	22.2	86	4.56	171.5
457293		4.93	0.045	1.31	7.60	132.0	140	1.55	0.25	0.60	3.76	55.9	22.5	80	4.34	153.5
457294		4.99	0.044	1.26	7.53	134.0	140	1.62	0.23	1.00	3.02	66.6	20.4	78	4.27	110.5
457295		4.94	0.060	1.67	6.16	175.0	120	1.50	0.29	1.60	3.67	56.1	20.3	70	3.79	103.5
457296		0.30	<0.001	0.01	0.06	0.3	10	0.06	0.01	29.9	0.03	0.96	0.5	2	<0.05	3.0
457297		5.15	0.067	1.63	4.07	196.5	110	1.09	0.34	3.45	9.86	41.3	18.0	55	2.61	81.5
457298		4.89	0.062	1.74	5.45	198.5	100	1.53	0.40	1.74	5.12	49.5	21.0	67	3.53	108.5
457299		4.98	0.059	1.43	5.86	179.0	110	1.69	0.32	1.31	4.72	55.6	19.6	69	3.66	110.0
457300		5.09	0.061	1.30	6.01	178.5	130	1.85	0.28	2.17	6.54	52.3	17.1	67	3.46	98.3

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CERTIFICAT D'ANALYSE VO18191862

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457281		15.50	13.60	0.15	1.7	0.775	0.080	2.33	30.6	21.9	1.26	740	52.5	0.26	7.7	183.0
457282		12.75	17.75	0.13	2.9	0.422	0.079	3.15	33.2	21.3	1.11	503	21.0	0.44	7.7	154.5
457283		12.85	15.95	0.13	2.6	0.517	0.083	2.87	33.5	19.5	1.22	469	42.1	0.30	5.7	169.0
457284		14.60	12.60	0.19	2.1	0.809	0.112	2.18	33.5	15.3	0.66	281	107.5	0.16	4.2	330
457285		15.10	15.10	0.17	1.8	0.711	0.072	2.82	31.2	21.9	1.03	371	32.5	0.20	4.1	164.5
457286		15.50	10.60	0.15	1.6	0.854	0.084	1.94	25.6	17.4	1.53	771	68.9	0.09	5.0	235
457287		15.25	9.12	0.15	1.5	0.759	0.122	1.47	29.4	11.4	0.62	453	150.0	0.09	4.2	363
457288		15.35	7.59	0.13	1.5	0.593	0.122	1.06	27.8	8.4	0.70	596	116.5	0.16	5.2	294
457289		5.48	14.15	0.06	2.5	0.158	0.049	1.03	15.8	13.9	3.93	734	5.95	1.17	16.6	247
457290		13.45	14.45	0.12	2.5	0.536	0.085	2.52	32.4	18.6	0.97	490	37.0	0.33	7.8	154.5
457291		10.75	20.7	0.13	3.9	0.309	0.089	3.89	33.2	22.3	0.66	196	14.45	0.21	11.3	127.0
457292		10.95	19.95	0.11	3.8	0.294	0.117	3.81	29.5	22.4	0.64	200	13.00	0.20	8.4	123.0
457293		13.40	18.55	0.14	3.9	0.436	0.100	3.37	31.7	20.5	0.55	158	25.8	0.19	9.6	152.0
457294		12.65	18.30	0.14	2.8	0.444	0.081	3.36	40.2	18.7	0.70	222	22.3	0.19	9.5	158.5
457295		14.60	14.90	0.13	2.2	0.542	0.070	2.68	34.3	17.2	0.90	379	39.1	0.17	7.2	164.0
457296		0.13	0.23	<0.05	0.1	<0.005	<0.005	0.01	1.1	1.1	1.63	88	0.22	0.03	0.1	1.5
457297		15.60	9.99	0.11	1.5	0.808	0.133	1.65	24.4	15.1	1.66	659	42.2	0.18	5.7	155.5
457298		15.05	13.70	0.15	2.2	0.704	0.079	2.34	28.5	15.8	0.96	364	44.1	0.18	6.0	176.0
457299		13.85	14.50	0.13	2.6	0.707	0.069	2.61	31.9	15.7	0.79	308	46.1	0.14	7.5	188.5
457300		14.60	14.20	0.11	2.5	0.697	0.087	2.62	30.9	19.1	1.22	509	26.8	0.17	6.8	162.5

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À: MINIÈRE OSISKO INC.
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Finalisée date: 2-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191862

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457281		540	80.3	74.9	0.051	>10.0	11.30	10.2	12	1.0	66.4	0.56	0.51	4.48	0.142	5.40
457282		300	54.6	82.5	0.025	>10.0	6.36	13.3	8	1.4	72.5	0.48	0.32	4.85	0.176	6.47
457283		340	64.5	88.7	0.043	>10.0	7.76	11.4	9	1.3	70.4	0.38	0.35	4.85	0.153	6.62
457284		530	86.5	79.1	0.094	>10.0	11.35	9.2	15	1.1	42.8	0.30	0.48	4.37	0.112	5.79
457285		410	81.8	86.2	0.038	>10.0	11.95	10.6	12	1.0	56.0	0.24	0.38	4.19	0.123	6.38
457286		400	92.5	65.8	0.072	>10.0	13.90	7.3	13	0.9	71.8	0.34	0.59	3.91	0.106	5.29
457287		990	90.8	56.7	0.102	>10.0	9.77	6.9	18	1.0	40.7	0.29	0.52	4.07	0.098	4.30
457288		1010	86.5	40.1	0.075	>10.0	7.95	6.3	19	0.8	48.6	0.38	0.41	3.58	0.094	2.71
457289		1090	9.5	38.4	<0.002	0.09	0.84	19.1	1	1.0	276	0.95	0.24	2.34	0.662	0.19
457290		500	71.7	76.1	0.041	>10.0	8.39	10.1	10	1.3	54.4	0.56	0.52	4.45	0.178	5.03
457291		230	44.1	103.0	0.018	9.56	4.59	15.3	5	1.8	46.5	0.73	0.45	5.02	0.304	6.85
457292		240	39.1	96.6	0.016	9.37	3.76	15.9	5	1.8	45.7	0.50	0.41	4.40	0.277	6.29
457293		320	61.4	92.7	0.023	>10.0	5.67	14.2	7	1.8	42.0	0.68	0.61	5.05	0.214	6.13
457294		250	63.5	97.6	0.023	>10.0	6.16	12.7	6	1.5	47.2	0.54	0.44	5.59	0.191	5.85
457295		320	82.2	81.7	0.036	>10.0	8.02	9.9	8	1.3	51.7	0.48	0.55	4.80	0.154	5.14
457296		50	1.5	0.4	<0.002	<0.01	0.07	0.1	1	0.2	69.7	<0.05	<0.05	0.10	0.005	0.02
457297		240	78.7	49.9	0.040	>10.0	8.49	6.7	9	1.0	67.1	0.38	0.51	3.32	0.117	3.47
457298		260	88.1	69.4	0.042	>10.0	8.78	8.5	10	1.3	48.7	0.41	0.61	4.06	0.139	4.50
457299		490	77.5	74.1	0.045	>10.0	7.79	8.2	9	1.4	44.2	0.49	0.46	4.51	0.150	4.67
457300		300	72.1	73.5	0.031	>10.0	7.64	8.9	9	1.3	56.9	0.46	0.48	4.33	0.150	4.56

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CERTIFICAT D'ANALYSE VO18191862

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457281		27.6	538	2.1	12.2	2030	66.3
457282		17.0	268	1.7	8.8	1010	109.5
457283		25.1	501	1.9	10.2	1250	93.8
457284		53.3	1210	3.6	16.8	2110	81.0
457285		21.5	511	2.0	10.2	1440	67.1
457286		36.5	774	3.2	14.0	1790	62.5
457287		75.4	1520	4.6	24.3	2710	60.4
457288		47.9	1160	3.4	22.9	1980	59.3
457289		0.6	145	8.9	15.2	85	96.9
457290		20.0	385	2.1	13.4	1020	96.0
457291		13.7	209	2.0	10.8	618	141.5
457292		13.1	190	1.7	9.8	942	144.5
457293		17.9	281	1.8	13.9	825	140.0
457294		16.6	262	1.6	10.8	686	109.5
457295		24.0	374	1.9	13.0	788	85.1
457296		0.1	1	0.2	1.8	5	1.7
457297		19.8	349	1.6	12.0	2010	59.4
457298		20.5	415	1.8	12.2	1020	84.2
457299		21.3	407	1.9	13.9	932	96.8
457300		15.4	300	1.6	10.2	1220	92.4

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CERTIFICAT D'ANALYSE VO18191862

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 4-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18191863

Projet: Kan

Bon de commande #: KANDH18-064

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

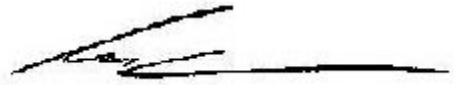
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191863

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457261		4.65	0.052	2.08	3.57	211	120	2.30	0.39	3.64	12.95	37.7	20.1	51	2.97	120.5
457262		4.19	0.064	3.18	2.91	131.0	70	2.09	0.47	0.50	26.5	42.5	42.0	54	3.29	369
457263		3.83	0.044	2.74	1.91	94.4	90	1.61	0.34	1.55	16.80	33.7	28.3	41	2.10	434
457264		4.11	0.041	3.01	2.65	53.8	90	3.69	0.36	0.62	30.5	39.4	26.6	58	4.10	430
457265		4.42	0.022	1.98	2.58	94.7	110	2.30	0.36	1.81	11.45	49.2	36.8	46	2.60	267
457266		4.72	0.026	1.94	1.82	46.1	80	1.37	0.35	2.84	13.85	46.8	17.0	44	1.85	413
457267		4.35	0.055	2.26	3.01	88.8	70	2.17	0.34	0.88	25.0	48.8	28.5	59	3.99	311
457268		4.48	0.040	1.69	4.52	196.0	60	2.15	0.42	0.34	12.95	44.1	23.7	67	3.99	128.0
457269		0.07	2.57	0.48	6.62	12.0	310	1.22	0.17	4.67	0.09	42.9	53.8	305	0.63	79.3
457270		4.63	0.035	1.16	7.23	156.5	60	2.62	0.31	1.31	4.84	63.7	24.6	79	4.36	102.5
457271		4.68	0.019	0.87	8.24	68.9	220	2.79	0.20	0.86	3.29	55.5	20.6	89	4.67	272
457272		4.83	0.038	1.15	6.16	184.5	80	2.35	0.30	1.11	8.41	60.0	21.6	78	4.23	139.0
457273		4.52	0.068	1.68	3.36	282	120	1.38	0.39	0.32	13.90	41.5	23.2	64	4.29	153.5
457274		4.31	0.053	1.45	3.45	329	90	1.32	0.38	0.77	16.70	39.8	22.8	57	3.15	95.3
457275		4.33	0.044	1.48	3.10	269	90	1.25	0.35	0.41	11.15	36.6	24.7	56	4.20	168.5
457276		0.28	<0.001	0.01	0.07	0.8	20	0.07	0.01	30.8	0.06	0.86	0.5	3	<0.05	1.3
457277		4.65	0.072	2.05	3.79	298	60	1.39	0.42	0.77	14.40	40.7	27.8	59	4.15	186.5
457278		5.04	0.054	2.02	4.06	263	60	1.46	0.37	0.88	13.40	41.0	26.5	60	3.75	159.0
457279		4.65	0.046	1.72	3.71	182.5	100	1.27	0.30	2.16	15.30	42.8	21.5	53	2.89	285
457280		4.55	0.039	2.15	2.78	146.5	80	1.05	0.33	1.87	15.95	36.1	28.1	50	2.59	290

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CERTIFICAT D'ANALYSE VO18191863

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457261		14.40	9.87	0.13	1.5	1.120	0.057	1.58	24.7	25.2	1.75	1520	95.6	0.07	5.7	222
457262		17.20	8.37	0.15	1.7	1.135	0.084	1.23	29.4	26.2	0.62	667	162.5	0.04	2.9	348
457263		17.85	6.04	0.13	1.0	0.556	0.054	0.71	22.5	21.0	1.07	2130	134.5	0.02	2.2	286
457264		19.30	8.05	0.16	1.3	0.888	0.098	1.22	28.4	31.8	0.63	884	186.0	0.03	2.3	336
457265		15.30	7.69	0.13	1.4	0.378	0.052	0.85	30.8	40.0	1.53	2690	117.5	0.03	2.4	232
457266		16.80	5.69	0.16	1.4	0.348	0.044	0.59	29.5	21.5	1.72	4010	128.0	0.02	4.4	281
457267		15.25	8.66	0.16	1.9	0.712	0.085	1.34	33.7	22.1	0.64	1100	184.0	0.05	5.4	317
457268		12.80	12.05	0.14	2.1	0.872	0.062	1.96	30.7	24.2	0.46	295	130.5	0.08	3.7	362
457269		7.22	17.35	0.07	3.4	0.046	0.062	0.96	21.7	9.4	5.33	1030	2.99	1.92	27.6	345
457270		13.20	18.95	0.14	3.5	0.599	0.079	3.17	38.1	29.8	0.91	463	36.1	0.19	7.2	162.0
457271		10.70	21.2	0.12	4.1	0.295	0.082	3.78	31.2	28.2	0.78	380	18.65	0.24	8.9	164.5
457272		11.60	16.55	0.14	3.4	0.753	0.086	2.76	36.7	24.7	0.82	522	74.9	0.15	9.6	217
457273		12.15	9.11	0.15	1.3	1.095	0.080	1.56	32.1	16.8	0.35	114	202	0.04	2.8	466
457274		14.10	9.23	0.14	1.4	1.170	0.078	1.44	28.0	18.3	0.60	362	140.0	0.07	3.4	356
457275		14.05	8.71	0.16	1.2	0.961	0.100	1.46	28.0	14.2	0.33	162	200	0.04	2.5	498
457276		0.16	0.24	<0.05	<0.1	<0.005	0.005	0.02	1.0	1.0	1.19	90	0.69	0.03	0.2	1.4
457277		16.80	10.15	0.16	1.5	1.220	0.131	1.69	28.6	16.2	0.50	302	158.0	0.07	3.3	386
457278		16.35	11.10	0.16	1.6	1.150	0.083	1.79	27.1	17.5	0.57	448	110.0	0.08	4.3	292
457279		14.95	10.25	0.16	1.5	0.810	0.062	1.54	27.7	21.0	0.99	1080	102.0	0.11	4.3	269
457280		15.05	7.97	0.14	1.2	0.791	0.078	1.08	24.5	15.0	0.93	1270	135.5	0.07	3.0	265

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CERTIFICAT D'ANALYSE VO18191863

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457261		600	82.9	56.9	0.079	>10.0	23.1	8.0	13	1.1	73.4	0.39	0.84	3.44	0.108	4.30
457262		1220	92.2	49.5	0.108	>10.0	16.35	6.8	22	1.1	19.1	0.26	0.75	4.09	0.065	3.63
457263		1890	75.0	30.6	0.071	>10.0	10.05	4.8	19	0.8	38.6	0.16	0.49	2.60	0.050	1.80
457264		1310	85.5	53.6	0.128	>10.0	14.75	6.4	24	1.2	24.1	0.15	0.51	3.60	0.059	3.03
457265		2090	55.2	37.8	0.063	9.24	9.92	6.5	18	0.9	52.1	0.17	0.53	4.07	0.054	2.04
457266		3140	51.6	24.2	0.077	9.46	6.43	4.6	21	0.7	69.5	0.26	0.44	2.82	0.047	1.42
457267		1720	49.2	52.0	0.120	>10.0	6.98	7.0	21	1.2	30.8	0.40	0.48	4.07	0.073	3.28
457268		550	81.6	63.7	0.082	>10.0	19.15	9.2	12	1.2	22.3	0.25	1.00	3.85	0.110	4.76
457269		1820	4.8	28.9	<0.002	0.05	0.35	20.4	1	1.3	465	1.54	0.09	2.55	1.025	0.07
457270		360	64.1	88.8	0.032	>10.0	10.85	13.9	9	1.7	46.5	0.47	0.55	4.82	0.189	5.56
457271		360	41.2	95.4	0.020	8.70	5.99	16.1	8	2.0	42.5	0.58	0.29	4.76	0.255	6.48
457272		570	64.8	82.4	0.055	>10.0	10.90	13.8	12	1.7	39.4	0.63	0.48	4.87	0.208	5.63
457273		750	95.9	56.3	0.114	>10.0	16.90	7.2	12	1.1	14.7	0.22	0.68	4.33	0.084	5.10
457274		800	93.8	50.2	0.102	>10.0	18.15	7.3	15	0.8	30.0	0.24	0.65	3.38	0.087	4.46
457275		740	85.0	55.8	0.113	>10.0	13.70	7.2	15	1.0	16.5	0.19	0.66	3.63	0.077	4.74
457276		60	0.8	0.5	<0.002	0.03	0.10	0.2	1	<0.2	74.2	<0.05	<0.05	0.08	0.006	0.02
457277		740	114.0	59.7	0.103	>10.0	18.25	8.1	16	1.1	27.9	0.24	0.68	3.80	0.091	5.25
457278		680	114.0	63.1	0.077	>10.0	16.90	8.8	17	1.0	33.0	0.31	0.58	3.66	0.104	5.15
457279		940	71.9	53.4	0.069	>10.0	10.30	7.9	18	0.8	50.0	0.29	0.47	3.55	0.098	4.03
457280		1400	69.7	40.3	0.081	>10.0	8.26	6.2	17	0.8	47.2	0.21	0.51	3.21	0.072	3.58

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191863

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457261		44.8	932	3.4	15.4	2000	59.0
457262		70.7	1660	3.7	29.6	3940	70.0
457263		55.8	1130	1.8	27.0	2510	39.9
457264		82.2	1690	2.8	26.3	4360	52.4
457265		50.1	955	1.8	24.5	1620	55.9
457266		54.4	1000	1.8	28.9	1930	55.2
457267		86.2	1680	4.0	37.9	3610	75.1
457268		64.6	1370	4.2	25.1	2090	76.4
457269		0.6	146	3.2	20.2	105	134.0
457270		20.1	384	2.1	13.0	925	123.5
457271		13.7	245	2.4	10.7	623	142.0
457272		37.0	804	3.5	17.2	1490	125.0
457273		106.0	2000	6.6	28.9	2540	52.8
457274		60.9	1280	4.3	21.7	2790	54.6
457275		96.6	2080	7.1	29.0	2070	50.2
457276		0.4	7	<0.1	2.5	11	1.5
457277		73.0	1500	5.1	21.5	2560	56.9
457278		49.3	1160	3.8	19.2	2270	61.2
457279		41.9	794	3.1	21.9	2480	59.8
457280		55.8	1140	3.3	24.8	2600	48.6

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CERTIFICAT D'ANALYSE VO18191863

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 4-SEPT-2018
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CERTIFICAT VO18191864

Projet: Kan

Bon de commande #: KANDH18-063

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

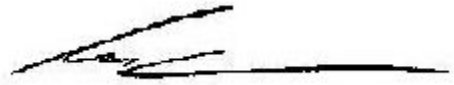
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191864

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457241		4.08	0.096	3.03	3.11	175.5	130	1.74	0.48	2.41	18.05	44.0	25.9	70	2.88	198.5
457242		3.88	0.072	2.70	2.53	94.6	110	1.46	0.31	2.24	20.3	48.8	16.8	57	2.34	358
457243		4.27	0.064	3.14	1.93	362	70	1.16	0.31	2.21	14.85	44.8	14.0	51	1.83	458
457244		4.78	0.023	1.38	5.62	62.3	170	2.81	0.16	1.68	6.88	53.7	16.6	73	2.90	312
457245		4.79	0.052	3.26	2.77	204	80	1.48	0.31	2.47	14.45	55.9	12.7	58	2.06	290
457246		4.64	0.018	1.39	6.33	34.9	170	2.37	0.15	1.71	5.77	56.4	15.4	74	3.37	251
457247		4.65	0.019	0.85	9.25	53.5	280	2.12	0.20	1.06	2.30	61.0	26.8	105	4.84	113.0
457248		4.91	0.055	1.64	6.06	170.0	80	1.41	0.33	1.85	4.16	55.6	23.5	71	3.41	62.8
457249		0.07	0.678	0.23	7.17	20.6	320	1.61	0.13	4.35	0.20	47.7	44.1	191	1.84	59.3
457250		4.71	0.050	1.64	7.40	113.5	100	1.63	0.25	1.32	3.26	55.3	19.9	76	4.26	74.0
457251		4.88	0.024	0.96	8.70	54.0	230	1.29	0.20	1.20	2.60	61.4	21.1	89	5.06	124.0
457252		4.79	0.022	1.06	9.62	46.8	240	1.50	0.25	0.47	0.84	61.9	26.4	117	5.19	108.0
457253		4.71	0.011	1.05	9.15	42.6	230	1.42	0.23	0.60	2.92	59.1	25.0	101	4.80	130.0
457254		4.74	0.011	0.96	8.79	35.3	230	1.51	0.19	0.48	1.81	61.0	20.8	102	4.16	132.5
457255		4.94	0.009	0.99	9.05	29.6	250	1.83	0.16	0.81	1.56	54.8	25.3	113	4.36	174.0
457256		0.25	<0.001	0.01	0.08	0.2	20	0.06	<0.01	33.5	0.02	0.93	0.5	2	<0.05	2.2
457257		4.70	0.035	1.90	6.08	69.3	170	1.52	0.30	3.02	6.79	56.9	23.6	68	3.09	147.0
457258		5.01	0.043	1.67	6.96	101.5	130	1.81	0.27	1.58	4.90	59.4	22.9	79	3.11	119.5
457259		4.73	0.039	1.50	7.55	116.0	130	2.51	0.28	1.93	4.40	59.4	23.9	87	3.59	119.5
457260		3.94	0.029	1.18	8.52	80.6	250	3.65	0.18	0.51	3.94	52.3	23.5	92	4.39	154.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191864

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457241		14.50	8.70	0.16	1.4	0.719	0.053	1.31	29.4	16.8	1.24	2370	131.0	0.05	4.5	270
457242		14.15	7.71	0.16	1.6	0.651	0.086	0.99	32.4	15.3	1.13	3120	153.5	0.04	4.4	286
457243		15.95	5.85	0.19	1.3	0.333	0.060	0.65	28.7	16.5	1.27	3410	149.0	0.02	3.1	295
457244		13.05	15.05	0.14	2.6	0.239	0.056	2.30	32.0	23.0	1.06	2060	56.5	0.16	5.3	210
457245		15.40	8.28	0.19	2.3	0.393	0.120	1.01	34.7	17.1	1.26	3170	130.0	0.04	7.1	240
457246		12.85	17.40	0.14	2.9	0.170	0.084	2.69	33.4	22.6	1.05	1450	55.0	0.19	7.3	174.5
457247		9.34	25.3	0.14	4.4	0.189	0.091	4.31	33.9	25.2	0.92	356	13.70	0.24	13.6	114.0
457248		14.00	16.55	0.15	2.1	0.506	0.095	2.55	32.9	20.9	1.05	535	37.5	0.19	7.5	142.5
457249		7.17	20.5	0.08	3.8	0.029	0.064	0.87	20.5	15.7	2.80	905	2.47	1.69	19.2	142.5
457250		12.75	19.60	0.13	2.3	0.415	0.080	3.26	32.4	17.7	0.86	342	23.8	0.22	8.5	137.5
457251		10.80	22.8	0.14	4.0	0.212	0.094	3.71	36.3	20.4	0.94	285	12.15	0.43	11.9	127.5
457252		9.64	25.4	0.14	4.1	0.175	0.078	3.89	35.9	20.2	0.68	114	10.45	1.06	11.3	110.5
457253		10.70	24.1	0.12	4.1	0.214	0.105	3.72	34.4	21.8	0.77	156	10.15	0.88	10.3	123.0
457254		10.95	23.8	0.13	4.3	0.106	0.088	3.72	34.5	24.1	0.67	144	9.99	0.64	10.7	123.5
457255		11.50	23.8	0.14	4.5	0.146	0.076	4.05	30.5	24.1	0.80	255	10.85	0.30	10.4	133.0
457256		0.15	0.25	<0.05	<0.1	<0.005	<0.005	0.02	1.1	1.3	1.26	91	0.14	0.02	0.1	0.6
457257		12.90	16.50	0.15	2.7	0.383	0.109	2.64	34.5	17.3	1.64	1120	45.7	0.14	7.8	149.5
457258		12.85	19.05	0.14	3.6	0.458	0.079	3.12	34.0	21.4	1.02	568	27.4	0.16	11.3	147.5
457259		12.35	20.9	0.15	3.3	0.501	0.072	3.47	34.5	26.0	1.20	733	29.9	0.17	10.1	143.5
457260		11.20	23.2	0.16	4.0	0.452	0.068	3.98	29.6	36.3	0.78	365	19.50	0.19	9.7	161.0

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CERTIFICAT D'ANALYSE VO18191864

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457241		1320	72.3	45.2	0.113	>10.0	21.4	7.3	18	1.1	44.3	0.28	0.76	3.44	0.098	3.55
457242		2570	51.2	34.8	0.115	9.20	16.95	5.0	18	0.9	47.2	0.25	0.43	3.60	0.066	2.61
457243		3090	61.9	24.0	0.077	9.27	15.15	4.3	20	0.8	45.7	0.18	0.37	2.85	0.048	1.88
457244		1510	33.4	62.5	0.041	8.34	6.88	10.6	13	1.3	55.0	0.29	0.24	3.90	0.155	4.20
457245		2960	63.1	30.8	0.083	8.95	16.45	5.3	16	1.0	54.0	0.44	0.36	3.72	0.078	2.15
457246		1190	24.5	70.0	0.035	8.05	6.60	11.2	9	1.5	59.7	0.46	0.21	4.44	0.185	4.53
457247		270	29.2	97.1	0.012	7.06	6.46	17.7	4	2.0	48.0	0.82	0.37	5.21	0.372	6.99
457248		360	68.5	69.6	0.042	>10.0	14.85	10.3	8	1.2	54.7	0.43	0.70	4.54	0.160	5.20
457249		1100	14.1	38.0	<0.002	0.03	0.99	18.6	<1	1.7	344	1.15	0.05	4.65	0.891	0.21
457250		310	63.4	80.0	0.027	>10.0	13.20	12.7	6	1.3	51.5	0.45	0.49	4.54	0.199	5.99
457251		220	32.3	88.3	0.019	8.29	6.89	14.8	4	1.8	53.1	0.70	0.36	4.99	0.313	5.58
457252		230	29.9	92.2	0.013	7.48	6.92	17.5	3	1.9	50.3	0.64	0.41	4.94	0.356	5.89
457253		220	26.2	87.4	0.013	7.92	5.77	17.4	4	2.0	50.5	0.61	0.38	4.88	0.325	5.38
457254		230	20.1	86.9	0.011	7.66	4.47	16.8	4	2.0	43.8	0.62	0.28	4.90	0.299	5.12
457255		230	20.1	92.9	0.013	8.06	4.30	17.5	5	2.1	55.7	0.61	0.30	5.06	0.303	5.46
457256		60	0.5	0.4	<0.002	0.01	<0.05	0.2	3	<0.2	80.3	<0.05	<0.05	0.07	0.005	0.02
457257		720	42.2	73.3	0.044	9.53	9.49	11.4	8	1.5	80.3	0.48	0.46	4.60	0.185	4.29
457258		550	51.9	82.2	0.032	>10.0	10.75	12.0	7	1.8	49.1	0.67	0.48	5.19	0.207	5.11
457259		390	60.6	94.2	0.033	>10.0	12.80	12.5	7	1.7	57.8	0.60	0.52	5.36	0.224	6.20
457260		330	49.3	102.0	0.018	9.30	10.20	15.0	9	2.1	41.1	0.58	0.35	4.76	0.280	6.69

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18191864

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457241		50.5	1500	3.7	23.9	3030	58.6
457242		70.2	1380	3.2	34.2	3390	66.2
457243		55.0	1180	2.9	29.8	2500	55.3
457244		23.6	488	2.2	17.0	1200	98.6
457245		54.0	1130	3.6	28.3	2690	95.5
457246		23.7	467	2.7	17.0	1160	110.5
457247		12.0	200	2.4	12.0	491	165.0
457248		19.9	400	1.8	11.6	943	82.5
457249		1.1	146	2.2	19.3	128	144.0
457250		16.6	284	1.3	10.7	815	90.3
457251		11.2	187	1.2	12.0	635	160.5
457252		10.7	168	1.1	12.0	189	153.0
457253		10.6	166	1.2	11.8	615	144.5
457254		9.8	159	1.4	12.0	357	158.0
457255		10.4	168	1.8	11.0	304	163.5
457256		0.2	2	0.1	2.0	4	1.9
457257		22.7	443	2.3	14.3	1300	103.5
457258		16.1	287	1.8	14.1	1000	139.5
457259		17.7	356	2.2	11.8	889	122.5
457260		13.9	252	1.8	12.9	728	147.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191864

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date:
29-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18191867

Projet: Kan

Bon de commande #: KANDH18-062

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

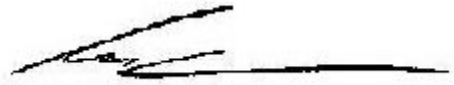
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191867

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457221		2.29	0.037	0.37	1.90	30.5	<10	0.24	0.18	3.04	1.10	40.5	10.6	27	0.16	66.4
457222		2.37	0.036	0.50	1.57	30.5	<10	0.21	0.18	3.17	1.59	39.5	9.5	30	0.14	95.5
457223		2.61	0.055	0.38	1.72	44.7	<10	0.20	0.14	3.00	2.95	33.4	8.7	26	0.18	62.4
457224		2.28	0.288	0.36	1.72	70.2	<10	0.16	0.11	3.18	2.87	29.3	11.6	27	0.16	73.8
457225		2.74	0.109	0.64	2.11	129.0	<10	0.33	0.17	2.98	8.89	41.2	11.4	34	0.26	84.2
457226		2.46	0.022	0.79	2.29	177.5	10	0.44	0.17	2.51	4.82	45.9	14.6	36	0.47	161.0
457227		2.18	0.022	0.70	1.45	137.0	10	0.25	0.16	2.60	3.01	41.4	7.4	32	0.35	127.0
457228		2.56	0.019	0.88	1.77	300	10	0.35	0.17	2.90	1.84	40.5	10.6	36	0.37	188.0
457229		0.07	7.73	1.27	6.01	30.2	310	0.79	0.50	3.02	0.08	30.2	34.9	318	0.66	104.0
457230		3.32	0.034	1.51	1.61	577	20	0.30	0.33	3.60	4.67	45.4	15.4	31	0.49	278
457231		3.56	0.015	0.90	9.05	29.9	310	2.71	0.21	0.93	5.47	68.5	19.6	119	4.45	250
457232		4.55	0.044	1.13	7.72	66.7	120	2.06	0.24	0.97	7.27	49.9	25.0	112	3.78	330
457233		4.23	0.091	2.31	5.02	261	40	1.44	0.44	1.17	12.80	51.9	20.7	74	3.52	127.0
457234		4.98	0.070	1.77	5.61	203	40	1.51	0.32	0.80	10.60	53.6	18.3	70	3.70	183.0
457235		4.62	0.030	0.96	7.81	116.0	90	2.23	0.19	1.28	4.44	63.0	18.4	83	4.53	226
457236		0.25	0.003	0.01	0.07	0.5	1040	0.08	0.01	33.9	0.03	1.20	0.6	1	0.05	1.3
457237		4.72	0.066	2.60	3.45	233	60	1.14	0.31	2.11	18.75	46.9	18.1	61	3.14	209
457238		4.89	0.052	1.73	4.91	232	50	1.58	0.36	1.42	14.35	52.5	17.6	65	3.84	167.5
457239		4.68	0.073	2.81	3.61	275	50	1.25	0.39	1.87	22.5	51.4	21.5	74	4.26	201
457240		4.14	0.033	2.57	2.18	190.0	80	0.81	0.23	0.82	11.30	35.3	16.1	57	2.22	164.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191867

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457221		22.6	5.16	0.08	0.9	0.036	0.030	0.02	17.1	30.3	2.07	13850	12.20	0.01	2.0	22.0
457222		23.6	4.56	0.09	0.9	0.040	0.023	0.01	17.3	24.6	1.97	13950	16.05	<0.01	1.8	28.9
457223		21.8	4.89	0.07	0.7	0.059	0.027	0.01	15.2	24.6	1.89	12500	17.40	<0.01	1.5	21.2
457224		19.60	4.80	0.08	0.6	0.068	0.025	0.03	12.2	24.3	1.62	12450	15.50	0.03	1.1	22.5
457225		21.7	5.85	0.08	1.0	0.182	0.040	0.09	18.7	26.6	1.79	13950	24.1	0.10	1.9	29.5
457226		19.15	6.60	0.09	1.1	0.115	0.026	0.29	21.9	20.0	1.57	10650	35.6	0.13	2.2	59.8
457227		17.60	4.44	0.09	1.1	0.090	0.021	0.20	20.0	13.9	1.65	9610	31.0	0.04	2.5	54.5
457228		21.1	5.30	0.08	1.2	0.063	0.019	0.22	19.8	15.0	2.03	9150	36.9	0.04	3.1	72.8
457229		5.62	13.65	0.08	2.2	0.158	0.047	1.06	14.9	12.0	4.01	753	5.61	1.19	15.0	249
457230		20.6	4.90	0.09	1.1	0.139	0.031	0.26	23.5	11.8	2.14	9550	43.5	0.03	2.9	140.5
457231		12.50	21.7	0.14	4.1	0.139	0.121	4.00	39.1	23.9	0.87	767	24.7	0.23	12.4	152.5
457232		13.80	17.45	0.14	3.1	0.286	0.117	3.46	28.9	18.6	0.77	388	35.9	0.19	9.1	206
457233		16.65	11.95	0.14	1.8	0.765	0.096	2.30	31.7	12.0	0.73	653	75.7	0.10	4.1	236
457234		15.80	13.50	0.18	2.0	0.650	0.087	2.65	32.0	13.6	0.62	279	51.8	0.12	4.0	247
457235		12.35	18.35	0.14	3.0	0.406	0.064	3.64	36.6	20.2	0.96	427	20.1	0.17	5.2	138.5
457236		0.19	0.24	0.12	<0.1	<0.005	<0.005	0.02	1.3	1.2	1.95	162	0.13	0.03	0.1	<0.2
457237		14.20	8.37	0.12	1.5	0.871	0.079	1.57	29.6	9.7	0.98	1120	103.5	0.07	3.3	297
457238		14.90	12.30	0.12	1.8	0.810	0.060	2.22	31.5	12.7	0.87	770	69.0	0.10	4.5	217
457239		14.80	9.33	0.14	1.6	0.867	0.088	1.70	33.4	9.3	0.94	1140	123.5	0.05	4.4	299
457240		11.45	5.71	0.09	0.9	0.491	0.033	0.94	23.0	6.2	0.49	660	78.5	0.03	2.1	204

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
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QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191867

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457221		1880	7.8	0.8	0.013	2.05	1.27	3.1	3	<0.2	63.0	0.13	0.26	2.39	0.060	0.06
457222		1840	8.0	0.6	0.015	2.46	1.57	2.7	4	<0.2	64.7	0.12	0.28	2.42	0.055	0.05
457223		1830	6.8	0.6	0.012	2.02	1.50	2.7	4	<0.2	59.6	0.10	0.21	2.12	0.047	0.05
457224		1850	6.0	0.9	0.012	2.30	1.25	2.6	5	<0.2	63.6	0.08	0.18	1.82	0.034	0.06
457225		2050	10.4	2.9	0.023	3.11	2.42	3.3	7	<0.2	70.4	0.12	0.30	3.02	0.045	0.18
457226		1710	14.7	8.8	0.028	5.36	3.00	3.2	9	<0.2	64.0	0.16	0.32	3.29	0.041	0.53
457227		2330	12.3	6.1	0.024	4.42	2.79	2.2	7	<0.2	56.8	0.16	0.32	2.38	0.031	0.37
457228		2100	13.3	6.7	0.030	5.44	3.44	2.5	8	0.2	55.3	0.19	0.38	2.58	0.036	0.43
457229		1110	9.8	33.6	<0.002	0.09	0.75	17.8	1	1.0	278	0.90	0.26	2.23	0.668	0.19
457230		2880	19.1	8.1	0.033	7.70	5.66	2.7	11	0.3	68.1	0.18	0.66	2.45	0.038	0.55
457231		520	11.7	102.0	0.021	7.26	2.75	19.3	5	2.4	54.5	0.74	0.34	5.30	0.354	5.07
457232		400	28.0	84.6	0.039	9.62	6.29	16.1	10	2.0	41.8	0.56	0.33	4.03	0.269	4.66
457233		340	91.7	63.7	0.068	>10.0	20.6	8.5	12	1.2	28.1	0.27	0.91	3.76	0.112	4.46
457234		350	74.7	70.6	0.045	>10.0	17.20	9.3	13	1.2	27.3	0.25	0.66	4.23	0.116	4.82
457235		320	49.3	92.1	0.025	>10.0	11.45	13.6	11	1.6	41.7	0.33	0.38	5.03	0.175	6.29
457236		70	0.7	0.4	<0.002	0.05	0.09	0.2	1	<0.2	114.0	<0.05	<0.05	0.07	0.006	0.02
457237		1070	84.9	48.1	0.090	>10.0	18.85	6.3	17	0.9	40.4	0.24	0.62	3.59	0.086	3.58
457238		610	83.8	64.5	0.059	>10.0	21.7	7.7	15	1.1	37.6	0.30	0.69	4.36	0.100	4.83
457239		970	95.3	55.4	0.120	>10.0	22.9	7.0	21	1.2	38.9	0.30	0.79	3.99	0.107	3.99
457240		570	46.4	29.9	0.065	>10.0	11.95	4.1	15	0.7	17.6	0.15	0.50	2.52	0.053	2.16

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191867

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457221		7.8	176	0.1	10.4	414	32.7
457222		8.8	158	0.1	10.4	407	31.1
457223		9.3	174	0.1	9.7	525	26.2
457224		8.5	170	0.1	8.5	590	21.7
457225		14.4	229	0.2	11.6	1320	34.6
457226		17.6	324	0.2	11.2	813	42.9
457227		16.0	281	0.2	12.7	544	43.0
457228		15.9	313	0.2	11.4	416	47.5
457229		0.6	143	8.5	13.4	87	90.6
457230		22.5	391	0.5	16.0	779	43.5
457231		19.8	334	1.9	12.3	980	156.0
457232		23.7	422	2.0	11.8	1390	123.5
457233		37.0	799	2.4	14.1	2170	73.4
457234		29.4	546	1.9	11.2	1740	79.0
457235		17.5	267	1.6	9.5	761	111.0
457236		0.2	2	0.1	2.2	5	1.6
457237		47.2	1080	2.8	18.8	2950	57.9
457238		35.8	702	2.3	13.7	2120	67.6
457239		53.7	1390	3.8	21.2	3230	63.4
457240		32.0	835	2.1	13.1	1670	36.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191867

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date:
29-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18191871

Projet: Kan

Bon de commande #: KANDH18-061

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

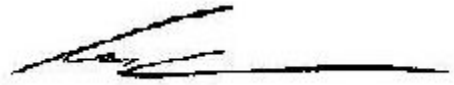
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191871

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457201		4.63	0.004	0.25	8.18	7.6	530	1.51	0.70	1.24	0.20	64.5	8.9	82	4.22	51.3
457202		4.51	0.001	0.05	9.71	1.7	630	2.10	0.18	0.39	0.03	72.4	13.8	98	4.38	71.3
457203		4.36	0.001	0.04	9.33	4.9	590	2.12	0.23	0.43	0.04	72.8	12.7	89	4.06	48.7
457204		4.55	0.001	0.05	8.83	10.9	650	2.13	0.26	1.07	0.05	63.3	16.9	96	4.04	45.2
457205		4.45	<0.001	0.02	7.30	24.0	460	1.30	0.05	4.22	0.10	36.0	25.4	97	2.57	32.0
457206		4.51	<0.001	0.06	6.28	16.6	310	0.75	0.15	4.66	0.15	35.5	25.7	86	1.62	104.0
457207		4.54	<0.001	0.05	7.60	13.8	290	0.81	0.18	1.54	0.09	37.5	29.6	120	1.28	83.3
457208		4.64	<0.001	0.07	8.26	25.5	440	1.10	0.85	2.45	0.14	35.7	32.5	147	2.10	77.4
457209		0.07	2.54	0.46	6.80	11.1	320	1.00	0.16	4.87	0.08	44.4	46.1	313	0.68	73.6
457210		4.63	<0.001	0.21	8.16	1.1	630	1.63	0.48	0.35	0.11	73.6	15.5	78	5.02	65.8
457211		4.56	<0.001	0.05	7.89	0.5	550	1.66	0.04	0.60	0.07	72.7	7.5	73	4.92	22.8
457212		4.50	<0.001	0.14	7.84	1.2	620	1.82	0.18	0.32	0.08	68.4	18.5	67	7.42	47.9
457213		4.56	<0.001	0.08	8.01	1.0	670	1.74	0.12	0.37	0.06	69.4	12.0	66	5.48	35.4
457214		4.67	<0.001	0.09	7.98	<0.2	720	1.94	0.17	0.29	0.07	73.3	12.8	77	4.95	38.9
457215		0.89	0.072	0.67	3.21	13.8	90	0.84	0.20	2.61	10.75	51.1	13.2	54	0.50	95.8
457216		0.30	<0.001	0.01	0.25	<0.2	20	0.12	0.01	32.5	<0.02	1.16	0.8	4	<0.05	2.1
457217		1.85	0.045	0.53	1.55	134.5	30	0.49	0.22	2.35	0.80	33.8	12.5	25	0.24	128.0
457218		2.28	0.121	0.45	1.92	158.0	10	0.34	0.16	2.34	2.20	34.7	15.2	28	0.23	96.7
457219		2.59	0.085	0.35	1.63	68.4	10	0.27	0.17	3.20	1.15	37.9	13.8	21	0.20	68.7
457220		2.36	0.025	0.27	1.51	14.1	10	0.32	0.12	3.10	0.77	30.0	10.8	20	0.21	43.1

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CERTIFICAT D'ANALYSE VO18191871

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457201		2.88	13.90	0.12	2.2	0.021	0.030	4.48	31.9	26.7	1.29	422	0.61	0.06	5.8	25.0
457202		5.65	25.0	0.14	2.4	0.007	0.058	4.84	38.2	35.3	1.77	391	0.39	0.06	9.1	39.1
457203		5.70	25.1	0.15	2.5	<0.005	0.052	4.57	38.6	38.2	1.78	357	0.61	0.06	8.0	36.0
457204		5.50	23.0	0.14	2.3	<0.005	0.056	4.51	33.8	37.9	1.76	412	0.72	0.05	7.0	46.0
457205		6.55	17.80	0.14	2.1	0.014	0.058	2.54	18.1	32.1	2.74	889	0.65	0.49	4.7	59.2
457206		5.54	15.20	0.11	2.5	0.017	0.040	1.57	18.3	22.1	2.53	860	3.01	1.12	3.9	59.6
457207		7.22	18.50	0.11	3.1	<0.005	0.059	1.47	18.1	29.6	3.97	598	1.18	1.12	2.1	65.4
457208		7.50	17.50	0.12	3.0	0.007	0.054	2.67	18.2	37.4	4.17	729	1.35	0.04	2.5	75.7
457209		7.43	16.65	0.13	3.3	0.057	0.061	1.00	22.3	6.8	5.54	1020	2.86	1.99	27.9	352
457210		4.92	19.80	0.14	4.2	0.009	0.045	4.54	39.0	36.7	1.96	292	2.10	0.05	6.0	45.1
457211		4.94	18.95	0.14	3.8	<0.005	0.039	4.00	38.1	36.9	2.11	364	0.21	0.27	6.9	21.9
457212		4.24	19.55	0.17	4.2	<0.005	0.036	4.66	36.6	38.9	1.66	198	1.19	0.33	6.3	39.1
457213		3.52	21.0	0.16	4.8	0.005	0.034	4.46	36.2	39.4	1.61	184	0.58	0.54	6.2	34.9
457214		3.45	21.7	0.26	4.4	0.006	0.037	3.13	36.0	45.2	1.55	174	1.19	0.42	6.4	42.3
457215		14.70	9.19	0.18	2.1	0.203	0.070	0.26	23.8	51.8	1.80	2930	50.2	0.02	3.5	124.5
457216		0.16	0.60	0.09	0.1	<0.005	<0.005	0.03	1.1	1.2	1.54	95	0.17	0.15	0.2	<0.2
457217		20.1	4.94	0.16	0.9	0.039	0.027	0.13	13.2	23.5	1.77	4040	19.40	0.01	1.6	57.4
457218		18.90	6.18	0.16	1.0	0.068	0.026	0.07	13.7	34.6	1.63	5070	18.40	0.01	1.8	36.6
457219		22.5	5.38	0.17	0.9	0.046	0.034	0.05	14.3	34.0	1.97	11700	13.75	0.01	2.0	26.2
457220		22.2	5.29	0.16	0.7	0.038	0.026	0.03	11.7	35.6	2.07	12950	10.60	0.01	1.7	16.9

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CERTIFICAT D'ANALYSE VO18191871

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457201		240	31.8	141.0	0.002	0.13	0.32	14.0	1	0.9	57.0	0.47	1.04	10.90	0.307	0.53
457202		250	6.0	149.0	<0.002	0.53	0.32	15.4	1	1.7	30.4	0.76	0.10	13.95	0.397	0.53
457203		210	6.7	143.0	0.002	0.39	0.32	15.4	1	1.6	29.1	0.62	0.07	14.00	0.350	0.52
457204		240	8.1	134.0	0.002	0.32	0.30	19.3	1	1.5	49.7	0.56	0.08	11.35	0.383	0.51
457205		280	5.2	66.9	0.003	0.16	0.17	26.1	1	0.9	177.0	0.39	<0.05	5.93	0.427	0.29
457206		320	5.7	45.8	0.004	0.36	0.22	21.4	1	0.7	198.5	0.28	0.05	5.69	0.392	0.19
457207		380	7.4	41.8	0.002	0.37	0.20	28.2	1	0.9	72.4	0.14	0.06	6.17	0.274	0.15
457208		460	4.2	70.7	0.002	0.42	0.29	34.0	1	0.9	95.4	0.18	0.91	5.20	0.293	0.25
457209		1890	5.0	27.4	<0.002	0.04	0.33	18.4	<1	1.2	478	1.61	0.10	2.69	1.050	0.06
457210		210	26.8	138.5	0.004	1.03	0.52	10.3	1	1.4	28.5	0.43	0.21	14.15	0.268	0.58
457211		830	3.4	128.5	<0.002	0.63	0.27	9.9	1	1.2	39.2	0.52	0.05	12.85	0.276	0.56
457212		200	13.4	169.5	0.003	0.92	0.37	9.9	1	1.2	31.7	0.43	0.15	13.25	0.263	0.78
457213		550	8.0	141.5	0.002	0.65	0.34	10.7	1	1.3	39.1	0.44	0.08	14.10	0.255	0.66
457214		210	11.0	92.3	0.004	0.69	0.35	11.2	2	1.4	32.5	0.42	0.08	12.65	0.265	0.61
457215		1570	12.3	14.6	0.036	2.77	3.28	5.7	7	0.6	70.7	0.20	0.24	4.34	0.060	0.53
457216		70	0.8	0.6	<0.002	0.01	0.06	1.1	2	<0.2	80.8	<0.05	<0.05	0.09	0.024	0.02
457217		1840	11.0	6.1	0.017	3.45	2.16	3.0	8	0.2	66.5	0.09	0.23	1.99	0.023	0.27
457218		1450	9.2	3.2	0.017	2.99	1.51	3.3	8	<0.2	60.9	0.11	0.25	2.30	0.045	0.16
457219		1730	7.4	2.0	0.007	2.15	1.26	3.0	5	<0.2	70.2	0.14	0.23	2.23	0.057	0.13
457220		1600	6.9	2.0	0.011	1.41	0.92	2.8	4	0.2	68.4	0.11	0.20	1.65	0.048	0.10

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CERTIFICAT D'ANALYSE VO18191871

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457201		1.9	113	1.1	9.6	43	73.3
457202		2.1	119	1.2	11.1	76	84.1
457203		2.1	117	1.3	9.1	79	86.5
457204		1.7	148	1.2	8.5	79	77.9
457205		1.2	218	0.7	9.6	73	75.7
457206		1.7	195	0.5	9.6	59	93.4
457207		1.5	258	0.3	8.0	65	115.0
457208		1.5	317	0.6	9.0	81	102.5
457209		0.6	147	3.2	19.9	106	135.5
457210		3.1	90	1.1	10.5	67	146.0
457211		2.4	69	0.8	12.1	85	132.0
457212		3.3	74	0.7	11.5	56	152.5
457213		3.5	70	0.8	11.4	40	168.5
457214		2.6	82	0.9	9.6	37	151.5
457215		23.0	457	0.3	15.8	1490	80.6
457216		0.2	6	0.1	2.3	5	3.2
457217		8.2	182	0.1	11.3	270	35.4
457218		8.1	213	0.1	10.4	470	38.7
457219		7.0	155	0.1	10.4	351	35.3
457220		5.7	141	0.1	9.5	309	26.0

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CERTIFICAT D'ANALYSE VO18191871

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 29-AOUT-2018
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CERTIFICAT VO18191874

Projet: Kan

Bon de commande #: KANDH18-060

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

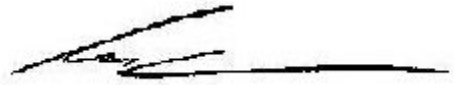
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457181		4.71	0.004	0.15	8.36	0.6	470	2.15	0.16	0.21	2.25	65.3	13.8	88	8.22	82.9
457182		2.34	<0.001	0.01	8.30	8.6	510	1.92	0.02	1.26	0.05	66.3	17.4	91	10.25	31.7
457183		4.89	<0.001	0.15	6.63	49.4	100	0.39	0.01	6.33	0.18	8.25	51.7	132	2.64	154.0
457184		4.74	0.001	0.11	6.20	45.6	30	0.35	0.02	6.00	0.11	7.67	51.4	108	2.83	139.5
457185		4.83	0.001	0.10	6.23	27.8	30	0.28	0.02	6.34	0.15	6.82	46.9	112	2.52	154.5
457186		4.64	<0.001	0.08	6.23	23.6	20	0.34	0.01	6.64	0.17	6.91	44.9	108	1.48	137.5
457187		4.82	0.002	0.10	6.64	55.0	20	0.43	0.01	5.91	0.21	8.11	62.6	122	2.60	155.0
457188		3.88	0.001	0.09	6.46	43.2	90	0.39	0.01	6.48	0.29	8.03	47.9	126	2.73	162.5
457189		0.07	0.672	0.20	6.95	20.0	320	1.37	0.13	4.31	0.21	49.2	41.5	185	1.88	53.1
457190		3.11	<0.001	0.02	7.11	5.4	450	1.26	0.01	2.25	0.09	48.2	14.3	79	4.34	34.2
457191		4.58	0.001	0.06	8.41	2.6	580	1.81	0.15	0.18	0.03	68.0	10.7	77	6.01	34.7
457192		4.56	<0.001	0.07	9.19	1.1	550	2.27	0.20	0.15	0.03	76.4	11.0	79	5.88	39.3
457193		4.64	<0.001	0.05	10.40	0.3	580	2.87	0.09	0.11	0.04	83.1	11.5	96	6.71	49.1
457194		4.67	0.021	0.30	9.86	0.2	530	2.52	0.62	0.10	0.10	86.8	12.2	93	6.59	66.5
457195		4.45	<0.001	0.09	9.35	0.8	470	2.42	0.17	0.22	0.04	80.8	11.9	89	5.89	70.2
457196		0.23	<0.001	<0.01	0.11	0.3	40	0.06	0.01	33.7	0.02	1.38	0.8	2	<0.05	1.4
457197		4.50	<0.001	0.06	9.31	0.3	480	2.36	0.12	0.27	0.04	76.9	11.2	92	6.00	47.2
457198		4.52	<0.001	0.04	9.37	<0.2	520	2.48	0.11	0.20	0.04	77.6	10.4	91	5.19	37.3
457199		4.43	<0.001	0.07	7.97	1.0	440	1.97	0.09	0.14	0.03	66.2	8.7	77	3.99	34.3
457200		4.42	<0.001	0.03	8.42	1.1	480	2.11	0.05	0.12	0.02	77.8	3.5	85	3.00	13.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191874

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457181		6.22	22.6	0.19	2.1	0.057	0.048	3.36	32.1	48.0	1.26	553	4.61	0.05	6.9	50.7
457182		4.97	21.9	0.21	2.1	<0.005	0.025	3.47	32.8	32.7	1.09	446	0.64	0.93	6.8	38.3
457183		8.52	15.80	0.12	1.1	0.037	0.063	1.02	2.8	40.9	4.10	1360	0.20	0.86	2.5	117.5
457184		8.21	14.40	0.12	1.0	0.018	0.056	0.61	2.6	38.7	4.55	1320	0.18	1.14	1.4	182.5
457185		8.34	14.80	0.11	0.8	0.020	0.068	0.58	2.3	39.5	4.56	1340	0.20	1.10	1.6	168.5
457186		8.14	14.90	0.10	0.7	0.026	0.057	0.32	2.3	34.5	4.03	1270	0.22	1.45	2.6	120.5
457187		8.82	16.65	0.13	1.0	0.019	0.082	0.46	2.7	40.8	4.38	1290	0.19	1.42	3.0	128.5
457188		8.80	15.70	0.12	0.9	0.029	0.075	0.86	2.7	36.1	3.80	1300	0.18	1.14	2.9	121.0
457189		7.10	19.10	0.16	3.8	0.032	0.065	0.86	20.8	14.8	2.80	893	2.35	1.67	18.6	135.5
457190		5.95	19.75	0.16	2.2	<0.005	0.031	2.94	24.2	40.4	1.97	649	0.24	0.48	6.1	36.1
457191		4.12	23.4	0.19	3.0	0.009	0.047	3.39	34.3	38.2	1.11	259	0.43	0.07	7.9	31.1
457192		4.23	25.6	0.22	2.6	0.006	0.048	3.37	38.6	37.5	1.02	222	0.59	0.44	8.5	32.8
457193		4.48	30.5	0.24	3.1	0.006	0.062	3.22	40.1	42.3	1.11	197	0.83	0.51	9.9	35.5
457194		4.39	28.6	0.25	2.9	0.007	0.055	3.17	42.4	39.4	1.00	168	1.51	0.38	9.1	38.0
457195		4.27	26.2	0.23	2.7	0.010	0.051	3.52	40.3	38.0	0.99	173	1.98	0.40	8.7	38.1
457196		0.14	0.34	0.11	0.1	<0.005	<0.005	0.03	1.2	1.3	1.23	82	0.11	0.03	0.2	<0.2
457197		4.62	26.6	0.21	2.7	0.010	0.063	3.46	37.7	38.7	1.14	187	0.72	0.38	8.8	32.7
457198		5.31	26.5	0.25	2.6	0.008	0.057	3.46	39.1	40.5	1.33	205	0.50	0.12	8.4	33.1
457199		4.63	22.0	0.22	1.9	0.018	0.046	3.47	33.6	36.8	1.22	194	0.30	0.06	7.3	30.8
457200		2.17	15.75	0.29	2.3	0.012	0.024	3.43	40.0	27.3	0.68	133	1.50	0.08	7.9	13.9

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CERTIFICAT D'ANALYSE VO18191874

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457181		200	9.0	94.6	0.013	1.35	0.92	11.4	4	1.4	17.9	0.58	0.09	11.10	0.243	0.72
457182		230	4.5	105.5	0.004	0.19	0.24	13.8	1	0.7	48.5	0.55	<0.05	11.25	0.273	0.77
457183		340	4.0	37.2	0.002	0.03	0.12	41.1	1	0.5	178.5	0.16	<0.05	0.27	0.548	0.21
457184		330	5.7	31.9	<0.002	0.08	0.13	34.9	1	0.4	166.5	0.09	<0.05	0.21	0.427	0.21
457185		290	4.6	27.6	0.002	0.06	0.13	37.7	1	0.5	170.5	0.11	<0.05	0.16	0.522	0.18
457186		310	3.6	15.3	0.002	0.10	0.17	37.7	1	0.5	167.5	0.16	<0.05	0.18	0.556	0.11
457187		340	3.3	25.9	0.002	0.04	0.26	42.4	1	0.7	160.0	0.19	<0.05	0.21	0.612	0.19
457188		360	3.7	37.3	<0.002	0.07	0.14	41.5	1	0.6	176.0	0.18	<0.05	0.21	0.623	0.19
457189		1100	13.6	39.2	<0.002	0.02	0.97	18.4	1	1.7	335	1.12	0.05	4.60	0.878	0.18
457190		210	3.1	92.5	<0.002	0.08	0.31	14.5	1	0.9	65.3	0.49	<0.05	8.27	0.296	0.37
457191		200	9.2	98.1	0.002	0.32	0.31	10.3	1	1.6	21.7	0.61	0.07	12.75	0.285	0.54
457192		160	10.2	101.0	0.002	0.52	0.43	11.0	2	1.6	28.5	0.62	0.08	14.20	0.310	0.57
457193		190	7.5	92.1	0.002	0.52	0.38	13.6	2	2.1	34.7	0.76	0.05	16.35	0.355	0.65
457194		200	70.6	96.0	0.005	0.66	0.49	13.0	2	2.0	34.2	0.70	0.25	15.80	0.341	0.67
457195		230	14.9	107.5	0.004	0.63	0.44	11.9	2	1.9	36.4	0.67	0.06	14.30	0.322	0.57
457196		50	0.5	0.8	<0.002	0.01	<0.05	0.3	2	<0.2	81.3	<0.05	<0.05	0.14	0.007	<0.02
457197		240	13.1	108.0	<0.002	0.47	0.35	12.2	1	1.9	35.9	0.69	<0.05	13.65	0.327	0.58
457198		230	7.4	107.5	0.002	0.39	0.32	11.4	1	1.9	26.3	0.69	0.08	13.75	0.316	0.60
457199		170	8.9	110.0	<0.002	0.26	0.25	9.9	1	1.6	20.8	0.51	0.05	11.20	0.256	0.52
457200		170	5.9	90.3	0.008	0.10	0.31	11.6	1	1.1	29.5	0.60	0.44	12.55	0.273	0.46

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CERTIFICAT D'ANALYSE VO18191874

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457181		4.6	220	1.9	7.2	297	66.8
457182		2.3	127	1.6	8.3	79	68.5
457183		0.1	308	0.3	9.3	95	30.2
457184		0.1	260	0.1	11.6	85	30.8
457185		<0.1	283	0.1	15.3	88	23.8
457186		<0.1	288	0.3	18.6	86	24.5
457187		0.1	323	0.4	21.7	97	29.6
457188		0.1	322	0.3	14.8	99	33.2
457189		1.0	141	2.3	19.0	126	141.5
457190		1.3	104	1.0	10.1	57	76.0
457191		1.8	64	1.3	9.0	63	100.0
457192		2.0	72	1.4	8.3	67	88.0
457193		2.4	96	1.7	8.7	81	103.5
457194		2.8	109	1.7	8.5	72	96.6
457195		2.6	109	1.5	8.8	69	91.7
457196		0.1	2	<0.1	2.0	3	2.0
457197		2.3	93	1.4	7.8	71	90.9
457198		2.2	82	1.4	8.1	78	83.5
457199		1.6	67	1.4	5.7	68	67.8
457200		3.4	106	1.4	7.0	29	78.6

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CERTIFICAT D'ANALYSE VO18191874

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 29-AOUT-2018
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CERTIFICAT VO18191877

Projet: Kan

Bon de commande #: KANDH18-059

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

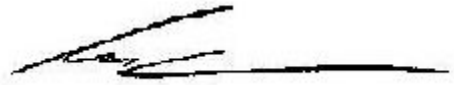
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191877

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457161		4.91	0.001	0.45	8.61	6.6	200	1.35	0.09	1.85	1.33	94.5	4.8	99	4.74	152.0
457162		4.59	0.002	0.34	9.09	9.0	220	1.49	0.08	1.18	2.17	108.5	12.0	109	4.95	102.5
457163		4.97	0.002	0.37	7.07	84.0	140	1.09	0.15	2.98	0.95	94.5	43.6	79	3.28	80.5
457164		5.18	<0.001	0.43	6.99	77.7	130	1.13	0.21	2.72	0.95	104.0	46.2	77	3.19	90.4
457165		4.84	<0.001	0.32	9.04	13.4	200	1.65	0.13	0.74	1.27	107.0	13.0	111	4.42	93.9
457166		4.89	<0.001	0.35	7.93	45.5	160	1.39	0.19	2.89	1.22	120.5	35.3	84	3.70	90.0
457167		4.91	<0.001	0.30	9.54	17.8	200	1.90	0.13	1.64	2.32	120.0	19.2	103	4.68	92.7
457168		4.80	0.003	0.34	8.63	26.4	190	1.42	0.16	1.96	2.23	76.5	21.8	97	4.07	126.0
457169		0.07	7.75	1.32	5.88	34.4	300	0.86	0.45	2.88	0.09	30.3	41.6	321	0.65	107.0
457170		4.94	0.003	0.43	8.30	14.0	210	1.19	0.07	2.19	2.35	65.5	19.6	82	3.77	221
457171		4.91	0.008	0.54	10.10	52.2	280	1.43	0.22	0.14	4.28	54.9	27.3	151	4.47	184.0
457172		5.13	0.017	0.63	10.35	76.0	300	1.78	0.23	0.14	3.14	64.4	39.1	174	4.80	113.0
457173		4.91	0.014	0.48	10.35	66.8	320	1.91	0.18	0.14	2.13	64.2	29.2	169	4.64	99.1
457174		5.36	0.036	1.05	5.84	147.0	30	1.41	0.33	0.28	4.06	55.0	30.3	83	2.75	147.5
457175		4.36	0.053	1.27	3.07	142.0	30	0.88	0.30	0.99	3.09	38.2	47.1	56	1.35	197.0
457176		0.30	<0.001	0.01	0.07	0.6	20	0.05	0.01	33.0	0.02	0.95	0.9	3	<0.05	1.8
457177		3.83	0.002	0.25	4.73	0.8	170	2.82	0.12	0.82	0.40	44.4	17.4	68	12.45	27.7
457178		4.94	0.004	0.42	6.46	0.9	350	2.85	0.17	0.27	0.17	56.7	21.3	83	15.60	31.0
457179		4.77	0.005	0.33	7.44	1.0	410	2.48	0.20	0.12	0.10	69.2	25.1	106	18.45	57.9
457180		4.73	0.005	0.23	8.59	0.3	480	2.82	0.18	0.17	2.60	62.8	17.6	97	10.20	58.5

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CERTIFICAT D'ANALYSE VO18191877

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457161		10.85	25.4	0.30	9.9	0.069	0.094	3.51	48.1	23.0	1.27	307	8.37	0.31	30.8	127.5
457162		7.68	27.8	0.29	10.9	0.118	0.138	3.62	55.7	16.5	0.85	197	9.80	0.31	38.0	85.9
457163		11.85	23.4	0.28	11.9	0.069	0.091	2.55	45.5	41.8	2.12	518	6.20	0.23	46.2	82.8
457164		13.10	23.1	0.28	12.8	0.072	0.091	2.41	50.3	50.4	2.12	485	7.06	0.25	48.9	103.0
457165		8.48	29.2	0.29	11.8	0.087	0.119	3.51	54.1	43.5	1.14	153	9.17	0.26	46.3	84.3
457166		10.45	26.7	0.28	14.2	0.085	0.107	3.14	58.4	33.9	1.99	488	7.49	0.23	54.8	90.4
457167		7.94	30.6	0.29	12.0	0.125	0.153	3.88	58.9	25.7	1.26	258	11.40	0.27	68.0	93.4
457168		8.76	23.5	0.24	5.6	0.192	0.155	3.69	39.7	20.7	1.31	333	10.70	0.24	20.7	120.5
457169		5.41	15.35	0.18	2.5	0.167	0.046	1.03	13.4	15.9	3.89	706	6.19	1.17	16.1	240
457170		12.35	22.2	0.22	4.4	0.125	0.164	3.73	38.4	21.5	1.39	539	10.30	0.22	15.0	203
457171		10.90	25.2	0.22	4.3	0.336	0.222	3.85	31.8	25.2	0.56	39	13.50	0.25	20.6	178.0
457172		11.00	26.9	0.23	4.6	0.293	0.162	4.01	37.1	25.6	0.55	31	14.30	0.25	20.5	177.0
457173		9.21	26.6	0.25	4.8	0.248	0.139	4.03	36.7	25.5	0.54	33	13.25	0.24	25.4	153.5
457174		19.15	18.40	0.24	3.9	0.650	0.197	2.41	29.5	29.8	0.66	173	18.80	0.13	13.1	160.5
457175		23.0	11.75	0.23	2.0	0.768	0.147	1.05	20.6	24.4	0.95	882	17.05	0.06	7.9	103.5
457176		0.18	0.28	0.07	<0.1	<0.005	<0.005	0.02	1.2	1.1	1.65	88	0.09	0.03	0.1	<0.2
457177		16.85	15.40	0.17	1.6	0.020	0.048	2.41	23.2	36.8	2.27	7240	3.30	0.03	11.0	45.4
457178		13.55	21.0	0.19	1.9	0.017	0.055	3.86	29.2	49.4	1.79	1060	3.47	0.03	12.7	56.9
457179		12.00	22.4	0.17	2.7	0.032	0.063	3.65	34.9	54.0	1.76	997	4.12	0.04	20.9	71.5
457180		7.16	23.8	0.19	2.1	0.061	0.053	3.62	32.8	49.9	1.19	861	4.09	0.05	9.6	57.3

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191877

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457161		280	10.2	74.2	0.013	5.78	2.53	18.4	4	3.1	58.4	1.76	0.15	8.94	0.272	4.31
457162		350	9.3	69.6	0.010	4.28	2.26	16.9	2	4.0	55.7	2.85	0.08	10.10	0.331	4.49
457163		240	13.6	53.5	0.006	8.52	3.14	14.4	4	3.4	62.4	2.73	0.19	10.05	0.246	2.95
457164		270	15.2	53.2	0.008	9.00	4.15	18.8	4	3.2	59.1	2.92	0.27	10.25	0.246	2.68
457165		310	13.6	70.6	0.007	4.43	2.40	20.0	3	4.1	44.7	2.56	0.09	10.50	0.347	3.99
457166		280	14.3	65.2	0.008	6.29	3.23	16.8	3	4.2	69.1	3.40	0.24	11.85	0.282	3.39
457167		380	11.8	74.8	0.010	4.36	2.59	20.9	3	4.8	67.1	3.61	0.12	11.00	0.391	4.34
457168		430	14.2	72.0	0.007	5.33	3.41	23.7	4	2.7	66.6	1.23	0.18	5.70	0.405	3.87
457169		1070	9.3	36.2	0.003	0.08	0.77	19.5	1	1.0	271	0.88	0.27	2.09	0.654	0.20
457170		560	12.5	80.7	0.016	6.45	2.98	27.5	4	2.2	89.1	0.90	0.07	4.72	0.400	3.72
457171		430	31.6	78.5	0.017	8.37	8.02	24.8	3	2.9	35.9	1.22	0.23	4.42	0.559	5.12
457172		490	40.6	84.7	0.017	9.31	10.85	27.6	3	3.1	37.6	1.25	0.36	4.70	0.582	5.47
457173		510	35.5	84.4	0.016	7.90	9.71	25.5	3	3.3	38.1	1.40	0.40	5.09	0.619	5.46
457174		320	62.5	55.8	0.027	>10.0	16.35	13.1	6	3.2	29.8	0.84	1.02	4.85	0.221	4.07
457175		320	67.7	28.2	0.018	>10.0	16.55	8.5	11	2.3	35.3	0.46	2.14	3.35	0.121	2.23
457176		60	0.8	0.5	<0.002	0.05	0.10	0.2	2	<0.2	78.7	<0.05	<0.05	0.07	0.006	0.02
457177		450	24.9	111.5	0.006	2.48	0.94	9.4	2	1.1	42.3	0.68	0.07	5.36	0.239	0.88
457178		220	20.4	153.5	0.008	4.02	1.79	12.7	3	1.4	16.1	0.76	0.12	7.41	0.260	1.14
457179		340	19.6	145.0	0.006	3.16	1.71	17.2	3	1.6	14.8	1.18	0.11	8.17	0.404	1.23
457180		220	12.7	107.5	0.007	1.89	1.45	13.0	3	1.6	16.7	0.70	0.08	10.15	0.289	0.88

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Finalisée date: 29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191877

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457161		8.9	129	0.7	22.8	353	349
457162		10.2	141	0.9	23.8	575	372
457163		6.8	96	0.7	27.0	271	413
457164		7.2	95	0.7	29.2	286	442
457165		9.0	132	0.9	25.7	369	420
457166		8.1	112	0.8	28.2	352	473
457167		11.5	149	1.0	27.9	646	422
457168		12.2	156	0.9	15.1	672	206
457169		0.5	138	9.1	13.5	82	97.0
457170		16.0	167	0.8	15.3	741	169.0
457171		19.9	223	1.1	13.4	1330	160.5
457172		20.1	233	1.3	14.8	922	173.5
457173		21.3	236	1.4	15.4	637	181.0
457174		15.7	201	0.9	13.0	1210	144.0
457175		6.8	115	0.8	9.0	874	80.2
457176		0.1	2	<0.1	1.9	5	1.6
457177		4.3	184	0.9	6.9	105	63.9
457178		5.6	218	1.8	8.2	117	71.4
457179		6.4	257	1.8	10.3	154	98.6
457180		5.4	253	2.3	8.6	280	74.5

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CERTIFICAT D'ANALYSE VO18191877

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date:
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Compte: MINVIR

CERTIFICAT VO18191883

Projet: Kan

Bon de commande #: KANDH18-058

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

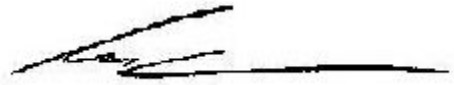
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191883

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457141		4.81	0.002	0.32	10.30	35.4	250	1.40	0.10	0.69	3.48	68.6	14.9	125	6.05	174.5
457142		4.77	<0.001	0.27	10.75	22.6	260	1.25	0.05	0.34	4.27	59.7	11.0	127	5.96	252
457143		4.67	<0.001	0.26	9.63	34.0	220	1.35	0.06	0.57	4.21	55.8	12.7	116	4.77	335
457144		4.79	<0.001	0.33	10.85	49.9	270	1.29	0.09	0.53	4.48	66.2	18.4	134	6.12	167.0
457145		4.89	0.006	0.60	8.58	68.9	100	1.32	0.18	1.78	4.87	72.6	26.1	104	4.72	242
457146		4.74	0.002	0.38	9.70	54.0	220	1.51	0.11	0.71	2.85	66.8	20.5	115	4.96	257
457147		4.85	0.002	0.40	9.74	51.6	240	1.33	0.14	0.85	2.33	88.6	17.9	140	5.51	180.0
457148		4.74	0.004	0.45	9.10	59.2	230	1.26	0.17	1.03	3.15	81.2	24.7	104	5.41	200
457149		0.07	2.57	0.46	7.07	12.1	330	1.04	0.17	4.99	0.10	44.5	56.1	326	0.68	84.2
457150		4.86	0.025	0.99	7.87	145.5	60	1.50	0.28	1.96	7.14	64.5	30.1	99	5.38	104.5
457151		4.82	0.031	1.23	4.29	236	50	0.91	0.34	3.26	10.95	47.6	21.9	66	3.94	127.0
457152		5.21	0.025	1.23	4.61	212	40	1.22	0.35	3.16	9.90	40.9	21.3	64	3.98	152.0
457153		4.92	0.036	1.40	4.21	281	40	0.90	0.37	2.09	11.20	43.5	25.2	72	4.12	142.0
457154		4.90	0.035	1.46	3.70	259	50	0.67	0.32	3.72	15.05	40.8	21.1	72	3.81	173.5
457155		4.79	0.031	1.28	5.67	210	40	1.35	0.28	3.33	10.60	57.7	21.8	78	4.26	172.0
457156		0.25	<0.001	0.01	0.09	<0.2	20	0.08	0.01	35.0	0.08	0.98	0.9	2	0.05	2.2
457157		4.79	0.018	0.95	8.21	118.0	90	1.54	0.27	1.50	5.98	72.0	21.1	82	4.82	133.5
457158		4.66	0.009	0.76	9.34	58.9	220	1.18	0.23	0.62	1.77	71.0	23.7	96	5.94	126.5
457159		5.06	0.010	0.73	9.35	53.8	260	1.17	0.26	0.72	2.58	67.9	25.2	96	6.09	118.5
457160		4.89	0.005	0.56	9.17	34.1	220	1.93	0.21	2.12	0.92	68.0	20.5	93	5.56	120.0

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Projet: Kan

CERTIFICAT D'ANALYSE VO18191883

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457141		9.27	27.9	0.24	5.0	0.188	0.128	3.70	39.9	56.6	0.85	91	10.90	0.53	20.1	133.5
457142		9.45	27.6	0.24	5.1	0.182	0.148	3.72	35.6	56.9	0.77	45	10.30	0.50	22.6	142.0
457143		12.20	24.1	0.23	4.5	0.176	0.138	3.25	33.8	61.6	0.88	75	8.91	0.49	18.3	177.5
457144		9.16	28.9	0.23	5.8	0.196	0.153	3.90	38.9	55.1	0.75	70	11.15	0.58	28.5	133.5
457145		13.10	23.5	0.27	5.3	0.303	0.130	2.75	41.7	55.2	1.35	259	24.7	0.54	16.5	174.5
457146		11.65	26.7	0.26	5.3	0.163	0.109	3.25	38.1	61.1	0.93	104	11.55	0.58	20.1	153.0
457147		9.77	28.0	0.27	6.2	0.134	0.111	3.67	50.3	47.5	0.85	121	12.35	0.51	22.9	132.5
457148		9.59	26.3	0.28	6.2	0.190	0.103	3.48	46.7	35.5	0.71	129	12.70	0.51	20.1	134.5
457149		7.81	19.45	0.18	3.5	0.053	0.063	1.03	22.4	9.9	5.75	1060	3.23	2.08	30.0	365
457150		12.45	20.7	0.27	3.6	0.647	0.076	2.68	37.7	43.4	1.06	313	37.2	0.63	14.3	142.0
457151		14.75	11.90	0.28	1.6	0.934	0.077	1.41	30.2	26.1	1.55	558	65.9	0.41	8.4	210
457152		15.35	12.85	0.23	1.6	0.860	0.076	1.47	25.3	30.9	1.55	482	66.0	0.46	8.5	217
457153		15.70	12.20	0.26	1.6	1.005	0.083	1.49	27.6	23.8	1.02	340	79.8	0.32	8.3	246
457154		15.00	10.05	0.22	1.5	0.969	0.109	1.30	26.6	17.3	1.82	712	88.5	0.31	6.9	292
457155		14.30	15.50	0.25	2.5	0.893	0.081	1.85	35.4	42.3	1.69	581	61.1	0.42	7.6	227
457156		0.15	0.36	0.07	0.1	<0.005	<0.005	0.02	1.2	1.1	1.23	86	0.23	0.04	0.1	0.5
457157		12.75	22.5	0.24	3.8	0.516	0.095	2.85	42.2	54.1	0.95	201	24.7	0.53	5.9	140.5
457158		10.05	25.8	0.21	4.3	0.251	0.083	3.68	41.6	28.1	0.56	69	12.15	0.45	8.0	116.0
457159		10.70	25.6	0.22	4.3	0.228	0.112	3.82	40.0	28.8	0.68	95	12.80	0.42	8.0	124.5
457160		10.25	24.5	0.22	3.9	0.134	0.088	3.63	41.3	32.7	1.44	300	9.68	0.38	8.0	113.5

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CERTIFICAT D'ANALYSE VO18191883

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457141		530	14.9	84.1	0.010	5.71	3.30	28.6	5	2.7	81.0	1.26	0.13	5.09	0.557	5.64
457142		530	9.2	80.0	0.009	5.19	1.81	30.3	5	2.7	69.2	1.28	0.09	4.59	0.625	5.64
457143		580	10.2	72.3	0.010	6.86	1.85	27.3	6	2.2	76.5	1.15	0.08	4.13	0.582	4.45
457144		560	13.9	86.7	0.014	6.06	3.15	28.3	5	3.0	86.9	1.71	0.13	5.52	0.681	5.71
457145		320	24.5	68.3	0.028	8.99	5.74	20.7	8	2.1	91.9	1.07	0.25	6.24	0.298	4.18
457146		380	14.6	73.5	0.012	7.26	3.39	23.7	6	2.4	98.7	1.21	0.16	5.59	0.457	4.50
457147		410	14.8	83.4	0.012	6.51	3.61	26.9	5	2.5	68.2	1.35	0.16	6.84	0.493	5.18
457148		440	20.2	81.7	0.012	7.07	4.81	20.8	8	2.5	70.4	1.20	0.19	6.56	0.418	5.31
457149		1930	5.5	29.9	<0.002	0.04	0.33	22.2	1	1.3	496	1.63	0.09	2.82	1.085	0.08
457150		480	48.6	67.4	0.043	>10.0	13.25	19.8	12	1.7	91.4	0.86	0.39	5.00	0.327	5.12
457151		410	62.2	41.2	0.071	>10.0	19.90	10.1	15	1.1	52.5	0.50	0.50	3.91	0.172	3.58
457152		370	64.6	42.6	0.060	>10.0	20.0	10.5	16	1.1	58.0	0.56	0.51	3.91	0.157	3.73
457153		450	68.7	44.6	0.076	>10.0	22.6	11.8	18	1.2	44.7	0.52	0.55	3.67	0.191	4.05
457154		590	57.5	40.2	0.111	>10.0	19.75	10.4	19	1.1	40.2	0.45	0.51	3.30	0.172	3.47
457155		580	59.8	51.0	0.064	>10.0	18.40	12.7	16	1.4	72.7	0.50	0.46	4.77	0.166	4.35
457156		60	1.8	0.7	<0.002	0.04	0.10	0.2	1	<0.2	86.4	<0.05	<0.05	0.07	0.005	0.03
457157		330	44.1	73.7	0.032	>10.0	12.35	14.5	10	1.8	92.0	0.38	0.54	5.67	0.144	5.53
457158		220	30.0	86.9	0.013	8.04	8.08	18.7	5	2.0	59.2	0.47	0.48	5.62	0.253	6.56
457159		220	28.1	92.1	0.019	7.96	7.15	19.3	4	1.9	56.0	0.47	0.43	5.51	0.262	6.18
457160		220	20.5	83.7	0.010	6.67	5.17	22.2	4	1.7	69.7	0.45	0.30	5.20	0.278	5.21

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191883

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457141		15.1	204	1.3	13.9	772	180.0
457142		15.9	193	1.3	13.9	975	190.0
457143		14.6	179	1.1	13.3	966	165.5
457144		16.4	202	1.3	16.0	984	220
457145		15.8	330	1.1	16.3	1100	187.5
457146		12.8	189	1.0	15.4	629	191.5
457147		13.1	184	1.1	17.7	462	225
457148		11.5	154	1.1	17.9	555	227
457149		0.6	152	3.5	21.8	110	144.5
457150		22.6	424	1.8	16.5	1170	135.0
457151		30.7	704	2.3	16.7	1670	64.8
457152		30.2	675	2.1	16.4	1530	66.1
457153		32.0	874	2.8	15.8	1680	67.3
457154		37.2	1030	3.1	21.8	2310	59.3
457155		28.6	755	2.3	19.2	1600	92.6
457156		0.2	3	<0.1	2.8	7	1.8
457157		17.0	289	1.0	11.7	1040	133.0
457158		12.5	208	0.9	11.0	402	157.0
457159		13.6	203	0.8	11.5	634	159.5
457160		10.7	166	0.7	12.7	253	145.0

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CERTIFICAT D'ANALYSE VO18191883

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date:
29-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18191885

Projet: Kan

Bon de commande #: KANDH18-057

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

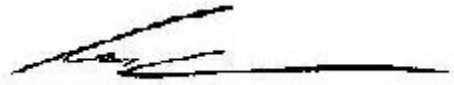
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18191885

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457121		4.23	0.024	1.03	3.15	0.9	40	1.06	0.27	0.24	0.63	36.9	10.8	53	1.09	359
457122		4.16	0.063	1.31	4.78	123.0	30	1.58	0.29	0.98	1.46	61.5	42.3	79	2.28	103.5
457123		5.24	0.048	1.04	4.01	154.5	40	1.00	0.34	0.28	2.52	49.8	36.3	70	1.76	109.0
457124		5.11	0.032	0.77	6.52	116.5	60	1.44	0.20	1.05	2.69	53.8	25.0	88	3.27	146.5
457125		5.03	0.009	0.43	9.02	57.4	210	1.68	0.16	0.85	1.73	76.1	26.0	119	4.07	137.0
457126		5.19	0.026	0.87	7.19	117.0	80	1.55	0.20	0.26	2.84	44.6	27.2	121	3.25	168.5
457127		5.27	0.034	1.09	4.85	147.0	50	1.07	0.25	0.86	2.89	64.2	28.8	63	2.31	141.0
457128		4.95	0.012	0.63	9.85	65.5	280	2.15	0.18	0.75	2.83	66.4	29.9	152	4.48	129.0
457129		0.07	0.680	0.23	7.05	19.8	330	1.60	0.13	4.39	0.20	50.2	43.7	184	1.91	56.4
457130		4.79	0.003	0.32	9.20	31.4	230	1.55	0.11	0.79	2.86	75.4	18.6	118	4.27	150.5
457131		4.74	0.004	0.40	9.17	58.5	220	1.51	0.21	0.66	1.72	57.5	30.3	103	4.61	126.5
457132		4.85	0.005	0.50	9.58	49.0	250	1.95	0.18	0.81	2.62	74.3	23.5	97	5.23	120.5
457133		4.83	0.012	0.67	7.41	74.0	110	1.36	0.21	2.22	2.19	60.9	18.1	74	4.23	124.5
457134		4.73	0.016	0.77	7.60	92.4	90	1.57	0.22	2.21	3.09	61.4	18.9	77	4.32	107.5
457135		5.05	0.028	1.17	7.41	130.5	50	1.17	0.23	1.17	4.42	60.2	19.9	76	4.79	119.0
457136		0.27	<0.001	0.02	0.38	2.4	40	0.18	0.02	34.4	0.02	1.65	3.0	6	0.18	12.8
457137		5.08	0.029	1.23	5.07	140.5	80	0.93	0.20	3.93	6.92	50.8	16.8	63	3.17	138.0
457138		4.82	0.016	0.87	4.91	105.0	110	1.51	0.14	5.21	6.08	42.4	13.2	54	2.92	152.0
457139		5.13	0.016	0.83	5.53	91.8	120	1.26	0.14	5.00	3.51	47.7	14.1	61	3.20	139.5
457140		4.81	0.018	0.99	5.61	109.5	100	1.40	0.23	4.12	4.70	49.4	21.4	63	3.50	175.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191885

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457121		31.8	10.90	0.23	1.9	0.133	0.052	1.10	20.2	20.6	0.71	168	14.90	0.06	3.5	245
457122		19.75	15.55	0.25	3.6	0.274	0.107	2.22	33.1	19.7	0.72	433	15.20	0.11	12.7	94.6
457123		20.6	14.65	0.25	2.5	0.469	0.146	1.53	26.9	24.9	0.66	302	19.35	0.08	9.3	117.5
457124		16.15	20.2	0.25	4.2	0.331	0.159	3.00	27.3	25.1	0.85	370	16.15	0.16	13.2	164.5
457125		10.70	25.6	0.21	5.5	0.175	0.124	3.83	41.5	30.8	0.93	236	12.55	0.21	17.0	134.5
457126		16.70	20.5	0.22	3.9	0.333	0.131	3.10	22.9	31.1	0.60	98	15.85	0.17	9.0	202
457127		20.0	17.95	0.27	4.3	0.479	0.125	1.91	33.8	28.3	0.85	290	19.10	0.12	14.0	159.5
457128		10.75	26.2	0.21	5.0	0.259	0.163	4.30	37.8	30.6	0.80	156	13.30	0.27	18.2	147.0
457129		7.27	20.5	0.15	4.0	0.020	0.072	0.88	22.5	16.1	2.86	911	2.47	1.71	19.1	142.0
457130		9.04	26.7	0.22	7.2	0.163	0.160	3.89	42.3	22.8	0.67	126	10.00	0.30	23.0	130.5
457131		10.95	24.6	0.22	4.0	0.176	0.099	3.59	33.7	35.4	0.75	97	10.30	0.36	8.1	123.0
457132		9.89	27.1	0.23	4.9	0.215	0.091	3.68	43.6	33.4	0.70	99	12.55	0.53	13.4	120.5
457133		11.35	20.9	0.22	2.8	0.287	0.073	2.70	36.3	24.3	1.22	233	16.30	0.56	10.2	142.5
457134		12.35	20.0	0.22	2.4	0.390	0.070	2.69	35.8	28.4	1.22	229	21.0	0.59	7.8	141.0
457135		14.55	20.8	0.24	2.3	0.505	0.094	2.66	35.4	25.9	0.64	101	23.9	0.61	8.4	168.5
457136		0.22	1.11	0.08	0.2	<0.005	<0.005	0.10	1.5	3.8	1.49	92	0.09	0.17	0.4	6.9
457137		15.65	14.05	0.22	1.6	0.587	0.117	1.64	30.4	25.9	1.88	414	28.1	0.54	6.9	166.5
457138		13.70	13.30	0.17	1.6	0.539	0.080	1.40	25.4	44.5	2.54	576	25.7	0.45	7.9	143.0
457139		12.45	14.85	0.20	1.8	0.367	0.059	1.56	28.5	43.6	2.46	559	21.3	0.53	7.4	137.5
457140		14.25	15.40	0.19	1.9	0.444	0.073	1.76	29.7	39.0	2.03	484	31.8	0.46	8.2	169.5

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191885

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457121		190	31.0	24.8	0.015	>10.0	6.16	7.8	11	1.3	11.5	0.18	1.94	2.49	0.066	1.07
457122		500	67.8	56.3	0.017	>10.0	15.85	12.8	7	2.3	31.7	0.77	2.43	4.07	0.199	2.81
457123		230	60.5	39.6	0.021	>10.0	16.10	9.2	8	3.1	14.6	0.61	1.99	4.24	0.126	2.47
457124		340	52.7	62.3	0.021	>10.0	13.90	15.3	5	2.8	40.4	0.84	0.73	4.65	0.237	4.14
457125		420	27.3	84.0	0.016	8.04	6.74	21.9	3	2.9	43.1	1.01	0.24	6.22	0.371	4.55
457126		450	52.6	69.9	0.027	>10.0	13.50	17.5	4	2.4	25.4	0.58	0.52	4.02	0.238	4.21
457127		220	57.1	43.6	0.024	>10.0	14.85	8.8	6	2.5	29.0	1.02	0.95	5.39	0.137	3.29
457128		560	37.0	98.6	0.019	8.63	8.60	26.1	4	3.0	41.8	1.16	0.41	4.94	0.488	5.68
457129		1130	14.6	40.5	<0.002	0.03	1.06	19.7	1	1.7	343	1.17	<0.05	4.62	0.901	0.23
457130		360	16.1	87.4	0.010	5.94	3.22	18.2	3	3.0	47.0	1.30	0.19	6.74	0.311	4.67
457131		230	20.0	82.2	0.014	7.95	4.40	19.6	4	1.8	58.3	0.49	0.26	4.57	0.278	4.74
457132		230	22.6	86.5	0.014	7.21	5.40	18.1	5	2.1	79.7	0.78	0.31	5.94	0.304	5.28
457133		210	33.8	68.1	0.022	9.15	9.20	18.9	5	1.6	77.5	0.59	0.40	4.72	0.205	4.42
457134		260	45.4	64.5	0.021	>10.0	11.00	13.9	6	1.4	87.8	0.40	0.40	5.10	0.217	4.46
457135		470	59.3	69.1	0.033	>10.0	16.40	11.6	9	1.4	82.4	0.51	0.53	4.35	0.204	4.95
457136		120	1.1	5.2	<0.002	0.08	0.36	1.0	1	0.2	86.4	<0.05	<0.05	0.12	0.068	0.09
457137		460	54.6	43.7	0.037	>10.0	16.40	11.5	10	0.9	80.1	0.39	0.45	3.59	0.147	3.60
457138		330	39.7	37.4	0.027	>10.0	11.20	10.6	10	0.9	96.6	0.50	0.26	3.40	0.147	2.91
457139		280	38.4	42.5	0.024	>10.0	10.45	10.8	9	1.0	99.1	0.43	0.25	3.69	0.161	3.16
457140		350	45.3	47.0	0.036	>10.0	11.65	11.0	10	1.1	82.9	0.54	0.41	4.03	0.162	3.50

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191885

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457121		5.8	94	0.9	5.3	186	77.4
457122		9.4	123	1.4	11.4	395	139.5
457123		8.0	139	0.9	9.3	721	95.3
457124		15.1	192	1.1	11.2	776	157.0
457125		14.1	180	1.1	14.5	504	204
457126		17.4	215	1.0	11.2	822	144.0
457127		11.2	172	0.7	12.0	808	155.0
457128		19.3	218	1.7	14.5	862	180.5
457129		1.1	144	2.3	20.4	130	147.0
457130		12.1	162	1.0	16.8	801	265
457131		10.2	161	0.9	11.0	459	139.5
457132		11.4	193	0.9	13.1	656	172.0
457133		12.8	201	0.8	10.4	547	106.0
457134		16.3	251	0.9	9.9	780	91.2
457135		15.5	301	0.9	11.0	1000	90.8
457136		0.3	15	0.1	3.6	7	6.1
457137		15.3	302	1.0	9.7	1480	56.8
457138		14.6	265	1.0	10.3	1270	62.5
457139		14.1	235	1.0	10.1	758	65.9
457140		17.9	323	1.0	11.7	1020	72.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18191885

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18191891

Projet: Kan

Bon de commande #: KANDH18-056

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

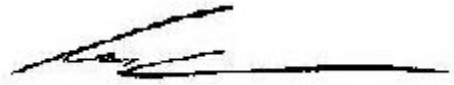
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191891

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457101		3.23	<0.001	0.06	7.84	17.5	260	0.79	0.01	4.49	0.20	29.5	33.3	116	2.88	102.0
457102		3.61	<0.001	0.06	9.10	4.6	770	1.98	0.11	0.63	0.17	67.1	13.1	84	7.27	64.6
457103		4.53	<0.001	0.08	8.85	0.6	480	2.05	0.17	0.22	0.04	68.1	12.6	92	5.91	57.8
457104		4.65	<0.001	0.04	9.36	1.1	450	1.98	0.09	0.18	0.06	69.5	8.8	87	5.84	29.6
457105		2.32	<0.001	0.08	9.98	<0.2	490	2.54	0.10	0.09	0.04	75.7	10.9	95	7.25	61.1
457106		3.94	0.002	0.26	10.85	15.1	280	2.09	0.21	0.15	1.54	102.0	20.3	152	5.14	74.8
457107		4.51	0.002	0.30	11.05	7.0	270	2.00	0.15	0.98	1.57	135.5	11.2	136	5.06	94.7
457108		4.56	0.004	0.28	10.15	21.4	250	1.92	0.18	0.67	2.21	109.5	17.9	126	4.54	96.0
457109		0.07	7.63	1.36	6.28	35.0	320	1.12	0.48	3.04	0.09	31.0	45.1	332	0.67	116.0
457110		4.56	0.007	0.29	10.05	2.3	260	2.04	0.14	0.27	2.70	86.6	9.1	120	4.67	93.2
457111		4.71	0.006	0.28	11.40	4.5	290	2.01	0.11	0.17	4.58	103.5	8.8	135	5.21	90.4
457112		4.64	0.005	0.29	10.45	9.4	260	2.23	0.14	0.25	2.53	85.9	10.7	124	4.84	88.7
457113		4.79	0.004	0.26	10.45	9.7	250	2.28	0.14	0.20	1.92	98.0	13.6	124	4.73	93.4
457114		4.90	0.006	0.29	10.55	14.5	250	2.00	0.14	0.60	1.73	101.0	18.7	122	4.63	107.5
457115		4.60	0.007	0.28	9.66	50.2	230	1.70	0.23	0.33	1.73	58.5	39.1	108	4.10	102.5
457116		0.28	<0.001	0.01	0.20	<0.2	30	0.12	0.02	32.4	0.02	1.01	0.8	2	<0.05	1.9
457117		4.75	0.015	0.38	10.85	26.0	330	2.31	0.20	0.33	4.84	61.8	40.8	137	4.78	114.5
457118		5.08	0.049	0.65	8.26	79.7	140	1.79	0.35	0.25	2.05	44.2	50.8	129	3.52	95.9
457119		1.51	0.066	0.77	4.02	83.6	40	1.48	0.40	0.44	1.27	48.2	57.3	60	1.88	90.2
457120		4.31	0.044	1.64	2.10	1.0	90	0.74	0.47	0.05	2.14	27.1	7.0	32	0.86	405

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191891

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457101		7.30	18.80	0.12	1.4	0.013	0.060	1.03	13.8	28.9	2.72	1080	0.22	2.48	4.7	81.1
457102		5.19	27.0	0.16	3.3	0.011	0.059	4.75	36.0	41.7	1.36	440	0.88	0.19	8.6	35.0
457103		4.68	25.4	0.16	2.5	0.012	0.051	4.64	37.1	34.7	1.04	219	0.88	0.14	8.1	38.7
457104		4.35	26.0	0.17	2.6	0.011	0.051	4.75	36.7	35.4	1.05	193	0.45	0.26	8.4	32.1
457105		4.74	28.8	0.19	2.9	0.011	0.052	5.06	40.3	39.3	1.06	164	1.62	0.22	9.3	36.1
457106		6.89	34.4	0.25	9.3	0.196	0.132	4.76	58.5	15.3	0.38	31	11.20	0.34	27.9	83.3
457107		7.31	36.0	0.36	14.8	0.182	0.146	4.85	74.4	21.6	0.89	150	10.95	0.33	43.2	95.1
457108		8.37	31.2	0.26	8.9	0.221	0.161	4.36	61.3	23.6	0.78	125	11.15	0.29	25.6	105.0
457109		5.75	16.95	0.16	2.6	0.147	0.051	1.10	14.6	17.2	4.14	755	6.56	1.24	16.9	255
457110		6.33	29.9	0.23	6.4	0.263	0.156	4.38	49.4	16.4	0.42	57	11.30	0.30	15.4	89.9
457111		7.09	33.9	0.27	7.4	0.395	0.210	5.02	60.1	23.1	0.53	40	12.20	0.33	19.9	101.0
457112		7.12	30.2	0.26	7.1	0.256	0.143	4.51	49.5	21.5	0.54	62	10.55	0.30	19.9	98.1
457113		7.37	31.2	0.26	7.0	0.168	0.148	4.55	56.0	24.2	0.59	51	14.05	0.29	17.6	95.9
457114		9.58	31.0	0.28	6.8	0.165	0.139	4.33	57.7	34.1	1.07	161	11.55	0.27	20.2	112.0
457115		10.70	27.0	0.23	5.3	0.239	0.137	4.06	33.5	28.2	0.74	101	11.80	0.24	13.7	114.5
457116		0.15	0.71	0.10	0.1	<0.005	0.006	0.06	1.1	1.3	1.50	89	0.13	0.09	0.3	<0.2
457117		10.15	28.6	0.20	4.6	0.468	0.246	4.86	35.2	21.0	0.54	87	13.30	0.29	14.9	128.0
457118		15.20	23.2	0.25	4.0	0.501	0.129	3.56	22.8	26.3	0.65	88	14.50	0.21	11.5	118.5
457119		13.10	13.80	0.22	2.9	0.376	0.077	1.72	26.4	11.7	0.42	185	20.9	0.11	8.8	75.0
457120		40.3	7.58	0.32	1.6	0.240	0.072	0.85	13.5	8.6	0.19	16	12.05	0.05	2.2	329

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Projet: Kan

Finalisée date:
29-AOUT-2018
Compte: MINVIR

CERTIFICAT D'ANALYSE VO18191891

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457101		300	2.4	37.5	<0.002	0.09	0.20	32.9	1	0.7	120.0	0.34	<0.05	4.44	0.519	0.15
457102		220	11.5	135.5	<0.002	0.26	0.20	11.9	1	1.6	44.6	0.70	<0.05	12.45	0.310	0.53
457103		270	12.8	149.0	0.002	0.56	0.29	11.9	1	1.6	47.1	0.62	0.06	12.10	0.296	0.55
457104		230	10.5	165.5	<0.002	0.31	0.22	12.6	1	1.7	49.0	0.67	<0.05	12.35	0.314	0.54
457105		180	13.8	154.5	<0.002	0.69	0.34	13.1	2	1.8	55.0	0.75	<0.05	14.25	0.339	0.70
457106		300	18.2	100.0	0.010	4.46	2.85	19.5	3	3.8	53.2	1.64	0.28	8.91	0.402	4.39
457107		350	17.0	100.5	0.008	3.83	2.83	23.5	2	4.3	57.6	3.05	0.18	13.05	0.386	4.22
457108		450	18.1	90.3	0.010	4.85	2.63	21.9	3	3.7	50.5	1.65	0.25	8.90	0.330	3.59
457109		1130	10.3	40.5	<0.002	0.09	0.78	21.4	1	1.0	287	0.98	0.27	2.26	0.682	0.21
457110		410	15.0	91.3	0.007	3.41	2.24	17.6	2	3.4	48.9	0.88	0.14	6.43	0.340	3.80
457111		470	14.3	101.0	0.011	3.88	2.30	21.7	2	3.9	52.4	1.09	0.13	7.91	0.447	4.28
457112		410	18.2	91.7	0.009	3.94	2.47	19.9	2	3.5	48.4	1.20	0.13	6.82	0.369	3.84
457113		460	15.5	90.5	0.015	4.18	2.22	19.9	3	3.4	45.1	1.01	0.15	7.53	0.367	3.76
457114		400	16.5	88.6	0.007	5.25	2.49	25.1	3	3.3	47.8	1.25	0.14	8.10	0.346	3.71
457115		470	21.3	83.0	0.011	7.05	3.97	23.4	3	2.7	37.3	0.76	0.29	5.24	0.362	3.57
457116		70	0.9	1.6	<0.002	0.02	0.06	0.3	1	<0.2	78.2	<0.05	<0.05	0.11	0.007	0.04
457117		400	24.2	98.7	0.018	6.46	5.30	24.3	3	2.9	42.4	0.96	0.38	5.11	0.417	4.57
457118		440	42.1	73.3	0.021	>10.0	9.19	22.1	5	2.7	30.1	0.75	1.17	4.27	0.295	3.82
457119		450	40.9	41.9	0.014	>10.0	9.13	10.5	4	2.3	20.2	0.53	2.06	3.64	0.135	1.89
457120		80	54.9	19.3	0.015	>10.0	12.05	4.8	11	1.1	7.7	0.16	3.11	1.97	0.035	0.95

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Projet: Kan

CERTIFICAT D'ANALYSE VO18191891

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457101		0.6	253	0.5	17.3	82	41.9
457102		2.1	72	1.5	10.0	84	114.0
457103		2.2	93	1.4	7.5	74	85.1
457104		2.0	88	1.4	7.8	75	84.6
457105		2.7	108	1.3	8.0	77	95.6
457106		11.1	173	1.1	20.1	432	326
457107		11.8	171	1.3	25.7	442	459
457108		11.3	164	1.0	20.4	605	315
457109		0.6	147	10.1	14.7	88	105.0
457110		10.9	157	1.0	13.9	745	235
457111		13.5	190	1.3	16.2	1240	266
457112		11.6	162	1.1	15.2	680	257
457113		12.8	179	1.2	16.4	546	257
457114		11.3	163	1.1	17.3	518	241
457115		13.4	164	1.1	14.5	514	200
457116		0.2	2	0.1	2.3	6	2.5
457117		19.5	210	1.5	12.1	1350	171.0
457118		17.1	206	1.6	10.8	578	150.5
457119		9.5	134	1.3	9.8	343	111.5
457120		4.3	55	0.5	3.8	491	62.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
29-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191891

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date:
24-AOUT-2018
Compte: MINVIR

CERTIFICAT VO18191895

Projet: Kan

Bon de commande #: KANDH18-055

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

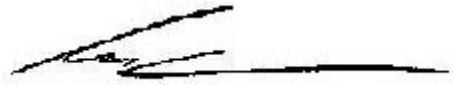
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

Projet: Kan

CERTIFICAT D'ANALYSE VO18191895

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457081		4.74	<0.001	0.12	9.85	1.4	500	2.17	0.19	0.12	0.03	73.1	13.5	81	8.39	69.7
457082		4.59	0.003	0.08	9.32	2.1	560	1.91	0.16	0.13	0.45	66.6	11.9	80	9.33	43.9
457083		2.40	0.001	0.13	7.91	0.8	570	1.66	0.10	0.15	0.12	50.7	17.2	78	7.70	69.1
457084		4.31	<0.001	0.13	6.22	27.6	380	0.95	0.02	5.37	0.21	30.2	26.7	80	2.73	90.9
457085		4.67	<0.001	0.11	6.74	61.1	80	0.48	0.02	4.32	0.14	9.63	50.0	130	0.88	88.1
457086		4.43	0.001	0.16	6.61	45.2	70	0.56	0.01	3.41	0.13	9.82	47.0	135	2.22	132.5
457087		4.77	0.001	0.07	5.94	21.0	150	0.87	0.03	3.41	0.09	20.9	34.0	110	2.71	73.7
457088		4.08	0.001	0.27	6.85	4.5	330	1.72	0.09	1.39	0.28	23.2	41.2	127	27.4	93.1
457089		0.07	2.59	0.45	7.04	11.8	330	1.02	0.17	4.88	0.09	44.4	56.2	319	0.77	86.8
457090		4.50	0.003	0.25	7.73	8.5	550	2.15	0.10	0.61	0.21	44.0	38.7	130	23.8	105.5
457091		4.72	0.002	0.14	8.22	0.2	480	2.40	0.20	0.46	0.16	59.0	22.0	100	15.50	32.8
457092		4.63	0.003	0.13	8.19	0.4	460	1.99	0.18	0.46	0.11	57.1	19.2	96	11.10	36.8
457093		2.69	0.005	0.22	8.73	0.7	480	1.91	0.29	0.39	3.29	64.6	18.6	87	5.48	83.9
457094		4.19	0.001	0.10	7.39	17.7	300	1.03	0.01	4.18	0.17	32.2	30.7	100	2.99	97.6
457095		4.40	0.001	0.16	7.28	19.1	30	0.38	0.02	5.53	0.16	11.10	52.9	105	3.13	147.5
457096		0.27	<0.001	<0.01	0.09	<0.2	20	<0.05	0.01	32.3	<0.02	1.01	0.7	1	<0.05	3.2
457097		4.71	0.001	0.11	7.25	23.5	40	0.31	0.01	5.90	0.12	9.13	62.9	121	2.19	143.5
457098		5.13	<0.001	0.06	7.28	13.0	20	0.21	0.01	7.19	0.13	7.89	56.3	116	1.28	133.0
457099		4.75	0.001	0.07	6.77	5.7	20	0.30	0.02	6.77	0.15	10.10	50.3	127	1.18	164.0
457100		4.76	0.001	0.10	6.71	11.5	40	0.39	0.01	6.50	0.20	8.28	50.5	133	2.85	169.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
24-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191895

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457081		4.35	27.4	0.15	2.7	<0.005	0.051	5.31	38.6	38.3	1.01	214	1.49	0.25	9.3	39.6
457082		4.88	24.5	0.16	2.5	0.016	0.050	4.88	34.5	44.5	1.04	368	0.96	0.16	8.3	36.2
457083		6.84	21.2	0.13	2.1	0.043	0.039	3.99	26.4	45.8	1.49	677	5.03	0.04	6.9	54.8
457084		6.90	16.85	0.11	1.6	0.021	0.043	1.71	15.3	32.8	2.51	1720	2.86	0.48	5.3	57.2
457085		10.20	17.40	0.10	1.4	0.018	0.062	0.30	3.7	39.7	4.29	1430	0.21	1.01	5.0	100.5
457086		10.40	17.65	0.11	1.4	0.080	0.073	0.44	3.5	47.1	5.74	1040	0.17	0.56	2.9	83.7
457087		14.05	15.75	0.09	1.2	0.024	0.057	0.62	9.7	34.7	4.21	3670	0.88	0.44	6.4	71.1
457088		15.45	19.20	0.16	1.8	0.019	0.070	4.47	10.3	74.7	3.47	1700	2.39	0.04	7.1	90.5
457089		7.70	19.05	0.13	3.5	0.063	0.055	1.01	21.9	9.2	5.64	1060	3.17	2.05	30.7	353
457090		11.80	21.1	0.16	2.3	0.022	0.070	5.08	21.3	62.8	2.50	1200	2.22	0.04	12.9	90.6
457091		9.17	23.2	0.16	2.2	0.010	0.053	4.93	27.3	54.4	1.45	7010	1.87	0.04	9.8	47.2
457092		7.96	22.7	0.15	2.2	0.020	0.049	4.70	26.3	50.0	1.30	5630	2.18	0.04	8.8	44.8
457093		6.30	23.8	0.17	2.2	0.112	0.048	4.75	33.1	47.6	1.24	1500	5.95	0.05	7.9	58.0
457094		6.74	19.30	0.13	1.5	0.018	0.047	2.60	16.1	37.1	2.62	1150	0.92	0.32	5.1	72.7
457095		8.95	16.85	0.10	1.0	0.018	0.067	0.72	4.0	38.2	4.90	1340	0.24	1.40	3.8	172.0
457096		0.14	0.23	0.08	<0.1	<0.005	<0.005	0.02	1.1	1.4	1.54	95	<0.05	0.03	0.1	2.2
457097		9.25	16.60	0.10	0.9	0.022	0.068	0.48	3.3	24.7	5.54	1440	0.21	1.82	3.2	220
457098		9.22	16.30	0.09	0.7	0.027	0.066	0.29	2.8	16.8	4.85	1520	0.20	1.49	2.9	164.0
457099		9.28	16.40	0.07	0.9	0.049	0.078	0.28	3.8	19.1	4.45	1520	0.27	1.19	3.1	123.0
457100		9.16	16.05	0.06	0.7	0.028	0.066	0.61	3.0	26.7	4.42	1450	0.22	1.23	3.0	116.5

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Projet: Kan

Finalisée date:
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Compte: MINVIR

CERTIFICAT D'ANALYSE VO18191895

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457081		320	16.6	155.5	0.004	0.62	0.86	13.4	2	1.7	35.9	0.66	0.10	14.10	0.322	0.77
457082		180	8.7	161.0	0.003	0.55	0.72	11.8	2	1.6	25.6	0.62	0.06	13.20	0.288	0.84
457083		150	8.1	127.5	0.013	1.29	1.00	11.9	3	1.3	17.7	0.54	0.08	9.08	0.259	0.67
457084		270	7.3	46.7	0.008	0.17	0.26	22.1	1	0.8	206	0.37	<0.05	4.56	0.351	0.27
457085		430	4.3	8.5	0.003	0.01	0.23	47.1	<1	0.7	153.0	0.20	0.27	0.25	0.695	0.06
457086		380	3.3	17.5	<0.002	0.02	0.25	47.2	<1	0.8	97.5	0.13	<0.05	0.26	0.467	0.17
457087		390	2.6	21.0	0.003	0.59	0.29	32.5	1	0.6	90.3	0.36	0.05	2.02	0.497	0.20
457088		350	5.9	176.0	0.005	1.62	0.30	36.9	2	0.9	45.7	0.42	0.11	2.49	0.559	1.54
457089		1880	5.4	31.4	<0.002	0.02	0.36	23.4	<1	1.3	490	1.65	0.09	2.81	1.065	0.07
457090		350	7.9	197.0	0.005	1.51	0.64	32.8	2	1.2	26.3	0.72	0.06	5.04	0.525	1.30
457091		280	7.7	153.0	0.004	1.05	0.60	14.6	1	1.5	20.7	0.69	0.06	9.01	0.306	0.95
457092		330	6.8	129.5	0.002	1.07	0.64	13.6	2	1.5	20.0	0.64	0.06	8.95	0.301	0.77
457093		280	9.4	118.5	0.013	1.44	0.88	12.5	3	1.6	22.3	0.60	0.11	11.40	0.256	0.49
457094		310	3.0	50.9	0.004	0.14	0.26	29.0	1	0.6	78.4	0.36	<0.05	4.94	0.501	0.24
457095		440	19.3	26.7	0.002	0.05	0.28	37.3	1	0.6	115.5	0.22	<0.05	0.44	0.581	0.20
457096		60	<0.5	0.6	<0.002	0.01	0.06	0.3	<1	<0.2	83.6	<0.05	<0.05	0.08	0.006	<0.02
457097		360	2.1	21.0	0.002	0.07	0.71	40.5	<1	0.6	146.5	0.20	<0.05	0.24	0.544	0.13
457098		340	3.7	11.7	<0.002	0.08	1.15	42.2	<1	0.5	246	0.17	<0.05	0.21	0.607	0.07
457099		370	3.9	9.1	0.002	0.13	1.01	44.5	1	0.9	249	0.19	<0.05	0.25	0.618	0.07
457100		370	3.8	28.1	0.002	0.08	0.55	42.0	1	0.6	169.5	0.19	<0.05	0.22	0.637	0.15

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
24-AOUT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18191895

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457081		2.7	99	1.6	7.6	82	95.3
457082		2.5	102	1.4	7.2	116	88.6
457083		5.3	252	1.1	6.8	163	73.2
457084		2.4	228	1.6	9.2	124	55.8
457085		0.1	351	9.4	6.7	131	50.0
457086		0.1	354	15.2	6.2	117	46.0
457087		1.4	274	0.9	6.4	63	47.8
457088		1.9	318	0.6	6.3	149	67.0
457089		0.7	152	3.6	22.7	106	147.0
457090		3.4	311	1.3	8.2	129	83.2
457091		3.4	149	1.5	12.9	156	82.6
457092		3.2	135	1.4	12.1	193	82.6
457093		5.8	253	1.6	8.8	297	73.9
457094		1.6	258	0.7	18.7	115	54.6
457095		0.1	285	0.2	24.5	95	47.0
457096		0.2	2	<0.1	2.1	3	1.7
457097		0.1	280	0.2	23.4	95	25.9
457098		0.1	318	0.2	22.0	95	19.5
457099		0.1	327	0.2	24.0	101	23.8
457100		0.1	341	0.3	21.8	107	22.0

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CERTIFICAT D'ANALYSE VO18191895

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 2-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18192967

Projet: Kan

Bon de commande #: KANDH18-068

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

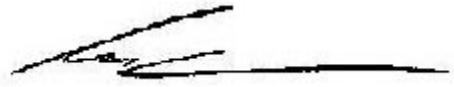
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18192967

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457341		2.70	0.014	0.03	0.56	0.8	<10	0.49	0.02	2.72	0.07	11.75	5.6	27	<0.05	5.5
457342		2.35	<0.001	0.03	0.90	0.6	10	0.43	0.03	1.85	0.06	15.15	7.9	28	0.07	8.4
457343		2.59	<0.001	0.02	0.64	4.2	<10	0.83	0.03	1.28	0.04	10.45	8.0	16	<0.05	7.1
457344		1.44	<0.001	0.04	0.89	1.8	30	0.45	0.03	1.36	0.17	14.85	7.9	21	0.31	7.8
457345		3.36	0.003	0.16	8.07	0.6	450	2.53	0.20	0.17	0.09	57.8	18.5	95	4.55	29.8
457346		5.04	0.001	0.16	8.53	1.0	440	2.50	0.17	0.25	0.47	65.1	19.7	102	5.42	38.0
457347		4.86	0.001	0.23	8.26	6.8	370	2.15	0.25	0.23	1.16	61.8	19.1	97	5.45	36.8
457348		4.55	0.001	0.27	8.47	2.6	380	2.21	0.31	0.21	0.59	62.5	17.9	98	5.12	24.1
457349		0.07	7.75	1.34	6.32	35.2	320	1.01	0.54	3.03	0.09	31.4	40.9	326	0.66	113.5
457350		4.80	0.004	0.23	8.52	3.8	390	2.14	0.22	0.31	0.67	72.9	17.3	99	5.46	29.8
457351		4.84	0.003	0.19	8.83	1.9	400	2.30	0.24	0.20	2.57	64.1	15.9	103	6.14	38.0
457352		5.04	0.002	0.38	7.98	<0.2	360	2.19	0.49	0.20	1.28	63.5	18.8	90	5.26	37.1
457353		4.83	0.002	0.22	8.49	0.8	380	2.29	0.19	0.35	1.12	68.1	19.1	98	5.73	32.7
457354		5.01	0.004	0.19	8.18	1.3	380	2.23	0.23	0.28	1.37	58.4	18.3	99	5.60	36.0
457355		5.19	0.003	0.25	8.33	0.4	420	2.50	0.29	0.27	1.49	63.1	20.5	97	6.54	34.1
457356		0.28	<0.001	<0.01	0.11	1.6	20	0.07	0.01	33.6	<0.02	1.33	0.8	3	0.07	3.5
457357		5.11	0.004	0.21	8.61	0.6	450	2.30	0.18	0.21	0.27	61.4	19.6	101	6.78	32.3
457358		4.99	0.002	0.15	8.44	0.6	450	2.20	0.19	0.22	0.54	59.5	18.8	99	6.55	29.9
457359		4.77	0.002	0.24	8.60	0.8	400	2.32	0.29	0.24	1.81	63.3	21.1	102	6.43	39.5
457360		4.87	0.001	0.12	7.50	0.8	380	2.12	0.15	0.40	0.28	58.9	15.8	87	5.57	21.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18192967

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457341		19.65	2.26	0.05	0.4	<0.005	0.011	0.01	6.1	8.7	3.02	12100	0.48	0.04	2.2	8.9
457342		19.95	4.24	0.06	0.6	0.013	0.019	0.02	7.7	12.5	2.88	17550	0.59	0.11	3.3	14.2
457343		21.5	3.00	0.05	0.4	0.005	0.018	0.01	5.6	8.5	3.00	19400	0.42	0.02	2.8	9.5
457344		20.7	3.86	0.06	0.5	0.005	0.018	0.27	7.7	4.4	2.25	32900	0.50	0.01	4.0	11.6
457345		9.70	19.65	0.08	2.1	<0.005	0.047	3.38	29.2	44.2	1.51	3100	2.61	0.05	7.4	41.4
457346		8.23	22.5	0.10	2.1	<0.005	0.055	4.59	33.3	27.6	1.14	11950	1.10	0.07	7.8	44.7
457347		7.86	21.2	0.10	2.1	0.012	0.053	4.38	31.3	25.6	1.12	12050	0.83	0.08	7.7	41.5
457348		7.78	21.7	0.09	2.4	0.007	0.052	4.64	30.8	25.3	1.07	12550	0.98	0.08	8.3	39.9
457349		5.77	14.85	0.07	2.4	0.178	0.051	1.08	15.8	14.3	4.11	778	6.02	1.22	16.5	258
457350		7.68	21.6	0.11	2.5	0.006	0.050	4.59	34.7	26.7	1.06	10950	1.99	0.08	8.5	40.6
457351		6.96	21.9	0.11	2.4	0.020	0.053	4.85	31.9	31.3	1.04	7350	0.82	0.07	8.5	41.9
457352		7.57	20.0	0.11	2.3	0.009	0.043	4.33	31.6	28.2	1.00	11100	3.45	0.06	7.9	45.5
457353		7.82	21.5	0.11	2.3	0.008	0.050	4.65	33.4	29.4	1.08	11900	1.11	0.08	8.2	42.8
457354		7.87	20.7	0.10	2.1	0.007	0.050	4.39	29.4	28.6	1.09	12600	0.82	0.27	7.3	40.3
457355		8.10	22.1	0.11	2.1	0.009	0.052	4.50	31.7	34.2	1.11	11250	1.18	0.21	7.8	46.3
457356		0.18	0.35	0.06	<0.1	<0.005	<0.005	0.04	1.3	1.3	1.67	151	0.06	0.03	0.2	1.3
457357		8.87	21.8	0.09	2.1	<0.005	0.055	4.59	31.4	30.5	1.23	11250	1.29	0.32	7.8	45.7
457358		8.91	21.8	0.09	2.1	<0.005	0.043	4.52	30.5	27.9	1.24	13550	0.94	0.32	7.7	43.0
457359		7.90	22.5	0.11	2.3	0.014	0.049	4.84	30.6	32.6	1.06	11000	1.11	0.15	8.1	46.2
457360		11.40	19.20	0.10	2.2	<0.005	0.045	3.81	29.7	27.8	1.44	13200	0.56	0.51	7.5	34.6

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QUEBEC QC G1K 7R1

Finalisée date: 2-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18192967

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457341		400	2.2	0.5	<0.002	0.13	0.13	1.4	1	<0.2	32.7	0.14	<0.05	0.55	0.040	<0.02
457342		590	1.5	0.7	<0.002	0.21	0.07	2.1	1	<0.2	27.1	0.22	<0.05	0.95	0.072	<0.02
457343		480	1.1	0.5	<0.002	0.12	0.07	1.5	1	<0.2	24.6	0.16	0.05	0.56	0.070	<0.02
457344		550	1.6	8.9	<0.002	0.21	0.07	1.9	<1	0.2	86.1	0.24	<0.05	0.73	0.097	0.04
457345		290	7.6	131.5	0.003	1.06	0.20	10.2	1	1.3	38.2	0.56	0.07	8.19	0.274	0.59
457346		520	10.9	181.0	0.005	0.97	0.29	12.2	2	1.4	50.8	0.64	<0.05	8.95	0.296	0.73
457347		280	30.5	175.0	0.003	0.70	0.23	11.9	2	1.3	48.4	0.59	0.06	8.51	0.283	0.68
457348		350	26.8	174.0	0.002	1.05	0.24	13.2	1	1.4	48.0	0.65	0.06	9.68	0.310	0.68
457349		1150	9.6	37.8	<0.002	0.09	0.80	20.1	1	0.9	289	0.96	0.22	2.31	0.688	0.20
457350		620	23.3	181.5	0.002	1.09	0.20	12.3	1	1.4	60.4	0.67	0.05	10.15	0.314	0.68
457351		250	12.0	188.5	0.003	0.91	0.20	12.8	1	1.4	48.2	0.66	<0.05	10.25	0.321	0.69
457352		300	46.7	171.0	0.002	1.29	0.24	11.3	1	1.2	43.9	0.60	0.07	9.47	0.285	0.62
457353		710	19.8	178.5	0.002	0.99	0.23	12.8	1	1.3	59.9	0.64	0.05	9.87	0.308	0.60
457354		320	24.6	167.0	0.002	0.74	0.22	12.0	2	1.3	51.7	0.60	0.05	9.06	0.286	0.59
457355		320	34.2	180.0	0.003	1.00	0.24	12.8	2	1.4	56.7	0.61	0.08	8.98	0.282	0.66
457356		70	0.5	1.6	<0.002	0.01	0.05	0.7	1	<0.2	79.8	<0.05	<0.05	0.13	0.007	<0.02
457357		240	15.6	184.5	0.003	1.26	0.29	11.8	2	1.4	46.2	0.61	<0.05	9.09	0.290	0.67
457358		360	9.5	184.0	0.003	0.93	0.25	11.7	2	1.3	49.7	0.60	0.06	8.70	0.288	0.68
457359		310	50.0	185.5	0.003	0.97	0.24	13.0	2	1.4	51.8	0.63	0.07	9.59	0.304	0.68
457360		340	16.0	162.0	<0.002	0.44	0.14	10.6	1	1.2	74.3	0.59	<0.05	8.87	0.279	0.52

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Finalisée date: 2-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18192967

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457341		0.4	48	0.1	5.3	31	17.9
457342		0.6	74	0.2	6.5	37	28.5
457343		0.3	65	0.1	5.6	17	16.3
457344		0.4	79	0.2	5.2	37	22.5
457345		3.2	145	1.3	6.5	154	72.6
457346		3.2	163	1.7	7.3	131	73.5
457347		2.4	139	1.3	6.5	209	74.6
457348		3.0	124	1.3	6.8	153	85.4
457349		0.6	150	8.9	15.2	87	97.5
457350		2.8	121	1.3	7.4	162	88.3
457351		2.4	130	1.3	6.1	372	83.5
457352		2.9	118	1.3	6.5	210	85.1
457353		3.0	133	1.5	7.3	196	83.6
457354		2.8	143	1.4	6.0	233	74.1
457355		3.3	157	1.6	6.2	237	75.0
457356		0.3	3	0.1	2.2	4	1.7
457357		3.4	154	1.5	6.2	111	74.6
457358		3.2	158	1.6	6.6	157	74.1
457359		3.2	155	1.6	6.4	212	81.0
457360		2.2	100	1.2	6.7	103	79.4

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CERTIFICAT D'ANALYSE VO18192967

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 1-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18192970

Projet: Kan

Bon de commande #: KANDH18-067

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

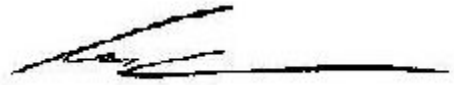
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18192970

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457321		4.74	0.010	1.00	8.59	84.3	160	3.05	0.31	0.21	2.86	45.7	27.4	97	6.07	114.0
457322		4.70	0.036	1.25	6.14	122.5	150	2.32	0.39	1.73	8.33	60.4	23.4	73	4.87	111.0
457323		5.23	0.015	1.02	8.82	76.6	230	2.71	0.27	0.59	5.12	57.9	27.6	93	6.63	144.5
457324		4.91	0.011	0.79	8.28	50.8	220	1.92	0.23	1.30	3.74	45.5	26.1	94	6.17	162.5
457325		4.67	0.008	0.80	8.55	54.6	200	1.49	0.29	0.64	2.29	56.7	27.5	113	5.71	143.5
457326		4.22	0.019	1.12	7.15	76.3	180	1.29	0.22	1.11	6.83	63.5	22.6	86	4.96	110.5
457327		5.03	0.032	2.31	5.48	38.6	150	1.06	1.22	2.13	10.15	60.7	18.7	63	4.96	262
457328		4.74	0.024	1.51	7.40	49.0	180	1.20	0.52	0.95	12.10	69.2	27.5	75	5.30	158.0
457329		0.07	2.59	0.41	6.71	12.3	320	1.29	0.17	4.73	0.09	45.6	52.3	323	0.72	83.9
457330		4.47	0.018	0.75	8.41	56.3	190	1.26	0.27	1.12	8.26	69.5	25.5	88	5.16	94.2
457331		4.92	0.051	1.00	7.68	75.7	170	1.18	0.29	0.62	9.14	64.5	28.2	81	4.60	86.6
457332		4.95	0.030	1.02	8.88	56.1	210	1.36	0.26	0.57	11.25	69.7	27.1	90	5.59	103.0
457333		4.54	0.054	1.12	7.83	58.4	170	1.18	0.26	0.89	9.98	64.4	27.9	80	4.59	116.5
457334		4.43	0.025	1.07	7.90	24.0	200	1.64	0.33	0.99	8.02	67.3	18.2	81	5.45	149.5
457335		1.32	0.003	0.42	3.03	4.2	140	1.97	0.26	4.95	0.25	49.6	14.2	52	1.89	60.0
457336		0.26	<0.001	0.06	0.05	0.4	50	<0.05	0.01	20.2	0.05	1.41	0.8	1	0.30	1.6
457337		3.53	<0.001	0.04	0.05	0.5	<10	0.19	0.01	2.96	0.07	7.33	1.4	16	<0.05	4.7
457338		2.58	<0.001	0.03	0.18	0.4	<10	0.15	0.01	5.68	0.14	6.47	1.9	14	<0.05	2.1
457339		2.74	<0.001	0.05	0.62	0.8	<10	0.35	0.03	4.43	0.16	14.00	6.7	21	0.06	7.9
457340		2.51	<0.001	0.01	0.44	0.4	<10	0.40	0.01	2.74	0.06	12.45	7.4	19	<0.05	3.2

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CERTIFICAT D'ANALYSE VO18192970

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457321		11.40	21.5	0.17	3.6	0.434	0.074	3.89	25.3	42.2	0.62	106	16.50	0.17	9.0	142.0
457322		13.45	16.55	0.19	3.1	0.698	0.127	2.57	35.7	33.7	1.12	526	47.8	0.18	9.2	182.5
457323		12.50	22.8	0.20	4.5	0.444	0.113	4.00	31.8	34.1	0.70	156	17.45	0.18	11.2	150.5
457324		11.90	21.9	0.15	3.6	0.232	0.119	3.81	25.0	29.5	0.93	269	14.00	0.19	8.0	138.5
457325		11.35	22.1	0.16	4.1	0.170	0.105	3.34	32.2	28.2	0.73	152	12.85	0.85	9.4	124.5
457326		11.45	19.10	0.16	5.0	0.399	0.135	2.73	37.0	21.5	0.77	186	21.4	0.78	18.3	154.0
457327		16.45	14.80	0.16	3.3	0.237	0.121	2.37	36.0	21.5	1.16	307	51.8	0.11	9.6	238
457328		13.15	20.3	0.16	4.6	0.363	0.121	2.72	39.8	23.1	0.73	141	23.0	0.96	11.1	165.5
457329		7.41	18.25	0.11	3.6	0.055	0.057	0.98	23.2	9.4	5.45	1020	3.12	1.97	29.0	349
457330		10.55	22.0	0.16	4.1	0.241	0.105	2.83	41.0	23.2	0.83	156	14.80	1.57	10.3	126.0
457331		11.80	20.3	0.14	4.4	0.346	0.104	2.54	37.4	21.8	0.61	100	16.75	1.51	10.1	125.5
457332		10.80	24.3	0.15	4.7	0.320	0.116	3.20	40.1	21.4	0.53	85	15.65	1.61	12.5	133.0
457333		11.80	20.5	0.15	4.5	0.312	0.101	2.66	38.0	18.6	0.60	142	14.90	1.59	10.1	141.5
457334		12.55	20.8	0.15	4.5	0.178	0.102	3.30	39.3	23.6	0.74	178	16.45	0.58	8.7	146.0
457335		10.40	10.55	0.13	2.7	0.023	0.047	1.13	27.2	23.2	2.59	2390	21.0	0.05	10.5	59.4
457336		0.09	0.23	0.12	<0.1	<0.005	<0.005	0.03	0.8	11.4	13.55	326	0.08	0.02	0.1	0.2
457337		12.85	0.34	0.06	0.1	0.008	<0.005	0.01	4.4	1.6	3.03	2320	0.43	<0.01	0.6	3.9
457338		11.20	0.93	0.06	<0.1	0.009	0.007	0.01	3.9	7.8	3.46	3230	0.63	0.01	0.3	3.7
457339		19.35	2.89	0.09	0.4	0.006	0.015	0.02	8.0	17.0	3.73	9320	0.92	0.02	1.9	8.5
457340		18.70	2.24	0.09	0.5	<0.005	0.011	0.01	6.6	12.0	2.84	10200	0.48	0.01	2.5	8.9

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Projet: Kan

CERTIFICAT D'ANALYSE VO18192970

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457321		250	73.3	102.0	0.021	>10.0	5.55	17.9	8	2.1	37.3	0.50	0.58	4.25	0.294	5.47
457322		520	112.5	80.5	0.037	>10.0	6.76	12.3	10	1.8	60.3	0.54	0.86	5.39	0.170	4.15
457323		260	65.5	103.0	0.019	>10.0	4.50	17.9	8	2.5	49.8	0.67	0.61	5.39	0.285	5.70
457324		230	63.3	82.8	0.015	9.36	2.76	19.1	5	2.1	65.4	0.46	0.42	4.07	0.260	4.93
457325		280	198.5	84.5	0.013	8.91	2.40	19.8	5	2.0	60.9	0.54	0.36	5.04	0.256	4.25
457326		300	275	72.7	0.019	>10.0	4.08	13.6	8	2.2	68.4	1.12	0.39	6.73	0.229	3.69
457327		420	749	71.2	0.046	>10.0	2.69	12.8	11	1.5	76.4	0.71	0.41	5.96	0.128	3.23
457328		300	416	75.9	0.024	9.66	3.15	15.2	5	2.1	76.9	0.77	0.62	6.08	0.214	3.48
457329		1850	5.2	32.8	<0.002	0.04	0.36	23.3	<1	1.3	477	1.74	0.07	2.95	1.040	0.07
457330		250	49.1	80.0	0.016	8.60	2.77	17.3	4	1.9	99.6	0.72	0.56	5.92	0.270	3.45
457331		240	69.3	69.6	0.016	>10.0	3.47	15.2	4	1.9	74.9	0.71	0.62	5.83	0.219	3.30
457332		240	75.1	87.0	0.015	9.00	3.50	18.1	4	2.2	91.3	0.82	0.63	6.35	0.292	3.80
457333		280	85.0	75.6	0.019	9.61	3.44	15.9	4	1.8	91.7	0.70	0.73	5.82	0.228	3.30
457334		290	148.0	92.2	0.019	7.66	2.01	16.9	5	2.1	84.2	0.60	0.38	6.11	0.201	3.47
457335		630	12.7	40.0	0.014	3.85	0.93	9.7	3	1.1	146.0	0.75	0.27	3.26	0.111	1.03
457336		30	3.4	1.0	<0.002	0.01	0.41	0.2	1	<0.2	136.0	<0.05	<0.05	0.12	<0.005	0.06
457337		170	1.3	0.2	<0.002	0.31	0.07	0.3	<1	<0.2	47.6	<0.05	<0.05	0.15	0.006	<0.02
457338		170	1.4	0.2	<0.002	0.13	0.06	0.5	<1	<0.2	109.0	<0.05	<0.05	0.15	<0.005	<0.02
457339		470	2.5	0.6	<0.002	0.53	0.08	1.5	1	<0.2	92.3	0.12	<0.05	0.70	0.028	<0.02
457340		330	1.2	0.3	<0.002	0.14	<0.05	1.4	1	<0.2	44.2	0.16	<0.05	0.74	0.031	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18192970

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457321		14.8	227	1.9	10.4	530	143.5
457322		25.7	405	1.7	16.2	1500	122.0
457323		15.0	214	1.5	12.6	938	166.5
457324		11.5	177	1.0	8.7	733	140.0
457325		12.2	163	1.0	10.6	478	155.5
457326		14.1	224	1.1	14.5	1360	185.5
457327		23.6	410	1.3	13.9	1330	112.0
457328		15.6	220	1.0	14.3	946	157.5
457329		0.7	145	3.4	22.3	106	142.0
457330		13.5	176	1.0	11.4	702	143.5
457331		14.3	187	0.9	13.2	873	152.5
457332		14.8	194	1.0	12.6	847	166.5
457333		13.8	178	0.8	13.0	852	153.5
457334		14.3	195	0.9	11.3	683	152.0
457335		6.9	159	0.7	11.8	54	109.0
457336		0.2	2	0.1	0.8	12	1.3
457337		0.5	6	0.2	3.7	11	2.5
457338		0.3	14	0.1	5.2	23	2.3
457339		0.5	43	0.1	6.6	46	16.3
457340		0.4	36	0.1	5.4	24	19.1

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CERTIFICAT D'ANALYSE VO18192970

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 4-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18192974

Projet: Kan

Bon de commande #: KANDH18-066

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

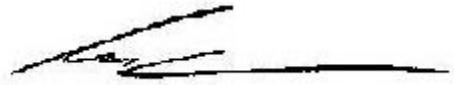
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 4-SEPT-2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18192974

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
457301		4.61	0.058	1.54	5.71	136.0	100	2.43	0.29	1.66	8.20	50.0	22.5	79	3.63	108.5
457302		4.74	0.023	0.84	8.11	43.6	240	2.39	0.24	0.72	6.23	50.3	28.8	91	4.56	179.0
457303		4.81	0.037	0.93	7.44	26.3	200	1.94	0.15	1.17	6.76	63.2	12.6	78	4.39	237
457304		5.06	0.034	1.31	7.04	83.0	140	1.87	0.24	1.28	5.93	57.0	21.0	73	4.86	140.5
457305		4.91	0.065	1.91	4.68	71.9	80	1.58	0.36	1.10	14.60	52.8	20.7	68	3.27	268
457306		4.43	0.018	0.77	4.85	11.0	280	2.92	0.24	1.48	8.42	65.4	12.7	70	3.01	239
457307		2.87	0.012	1.10	4.76	10.6	210	2.91	0.41	1.29	5.14	61.1	17.2	57	3.58	230
457308		3.95	0.006	0.20	4.96	4.8	350	2.54	0.19	1.33	0.34	64.8	10.1	46	2.36	55.3
457309		0.07	0.668	0.22	6.79	19.6	310	1.31	0.15	4.15	0.19	48.9	43.4	172	1.81	52.8
457310		5.00	0.007	0.46	3.19	12.0	220	1.98	0.29	1.49	1.89	48.6	10.5	42	1.88	147.0
457311		4.94	0.009	0.49	4.21	14.4	210	2.50	0.30	2.34	0.26	67.2	8.8	42	1.84	171.5
457312		1.77	0.005	0.46	3.36	0.8	190	1.64	0.18	1.25	0.78	47.1	5.8	42	1.49	142.5
457313		3.24	0.015	1.46	3.22	3.9	70	2.00	0.37	0.33	7.31	43.6	10.1	53	2.46	669
457314		4.90	0.024	1.16	3.60	15.3	190	2.19	0.35	1.05	17.95	64.2	19.2	74	2.99	300
457315		4.59	0.025	1.43	2.91	52.5	110	1.41	0.26	2.28	8.04	43.2	12.7	46	2.33	245
457316		0.23	0.005	<0.01	0.05	0.6	10	0.05	0.01	32.3	0.05	0.85	0.5	2	<0.05	1.5
457317		4.75	0.024	1.09	6.38	118.5	80	2.46	0.34	1.58	5.00	56.1	21.7	66	4.16	115.5
457318		4.83	0.026	1.44	4.98	141.0	60	1.96	0.41	2.00	6.92	46.2	23.4	56	3.49	146.0
457319		4.59	0.031	1.35	4.45	79.1	140	1.84	0.29	3.46	6.77	50.8	18.8	60	3.47	216
457320		4.84	0.015	0.83	7.14	80.4	200	2.67	0.33	1.63	3.30	54.9	25.2	72	4.58	126.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 4-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18192974

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
457301		11.80	16.10	0.15	2.9	0.632	0.095	2.55	29.8	23.7	0.96	426	59.9	0.16	6.9	160.5
457302		11.00	22.2	0.14	3.4	0.290	0.110	3.55	28.0	27.9	0.70	203	13.10	0.21	7.0	139.5
457303		12.55	20.4	0.13	3.6	0.247	0.093	3.21	36.4	23.4	0.85	257	21.8	0.26	9.1	161.0
457304		12.90	19.55	0.17	3.6	0.464	0.088	3.20	33.3	23.7	0.86	263	20.6	0.15	9.8	159.5
457305		14.55	12.60	0.16	1.8	0.730	0.135	2.06	31.2	21.8	0.72	365	82.6	0.10	3.8	165.5
457306		8.13	13.80	0.14	2.7	0.339	0.071	2.19	33.1	40.4	1.22	1140	37.1	0.08	4.0	121.0
457307		9.06	12.25	0.12	3.1	0.231	0.069	2.15	35.2	36.9	1.16	1570	105.5	0.07	3.8	150.0
457308		10.80	13.10	0.08	3.4	0.025	0.055	2.17	31.7	27.8	1.82	2740	4.04	0.12	3.9	32.0
457309		6.86	17.85	0.07	3.6	0.020	0.074	0.83	22.6	14.9	2.71	885	2.31	1.61	18.4	137.5
457310		13.70	8.62	0.09	1.9	0.072	0.051	1.41	23.8	19.4	1.57	2140	16.45	0.07	2.4	50.0
457311		15.15	11.60	0.11	2.8	0.040	0.052	1.34	33.0	49.6	2.46	2160	5.03	0.06	3.3	49.6
457312		11.15	8.95	0.08	2.0	0.044	0.034	1.14	22.4	40.0	1.21	611	4.16	0.05	1.6	76.0
457313		24.4	9.24	0.18	2.0	0.231	0.059	1.36	22.6	31.1	0.58	190	62.6	0.04	1.3	253
457314		9.45	10.80	0.14	2.4	0.481	0.118	1.49	35.6	35.7	0.88	530	85.9	0.05	2.4	173.0
457315		12.10	8.09	0.11	1.5	0.392	0.088	1.18	26.7	22.2	1.21	1170	72.4	0.05	3.1	206
457316		0.15	0.20	<0.05	<0.1	<0.005	0.005	0.01	1.0	1.0	1.13	89	0.47	0.02	0.1	1.1
457317		12.65	17.00	0.13	3.1	0.598	0.082	2.86	33.9	32.3	1.06	434	27.0	0.14	7.3	163.0
457318		14.90	13.40	0.15	2.2	0.793	0.091	2.08	27.8	29.4	1.26	604	46.4	0.11	5.7	188.0
457319		13.15	12.50	0.14	2.5	0.516	0.104	1.90	31.5	28.7	1.77	1850	86.0	0.08	7.5	211
457320		11.15	19.20	0.13	3.9	0.414	0.065	3.15	33.6	37.2	1.13	533	16.15	0.17	10.5	147.0

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CERTIFICAT D'ANALYSE VO18192974

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
457301		480	60.7	78.6	0.073	>10.0	5.65	10.4	9	1.6	56.0	0.43	0.52	4.56	0.146	4.66
457302		240	26.4	94.6	0.017	8.08	2.00	16.7	4	1.9	61.9	0.40	0.46	4.31	0.236	4.91
457303		340	21.5	86.8	0.025	8.27	1.37	14.2	6	2.1	67.7	0.57	0.32	5.18	0.201	4.44
457304		320	60.7	87.0	0.022	>10.0	4.55	12.2	7	2.0	58.8	0.62	0.52	5.31	0.193	4.98
457305		950	98.0	65.4	0.060	>10.0	4.81	8.3	10	1.2	46.5	0.24	0.58	4.52	0.089	3.47
457306		1840	24.2	75.1	0.032	4.33	2.05	8.8	11	1.7	65.8	0.24	0.20	7.28	0.117	2.58
457307		1640	33.1	76.8	0.047	4.60	2.67	9.5	10	1.7	65.7	0.23	0.33	7.42	0.097	2.66
457308		1470	9.0	79.1	0.007	1.53	0.49	8.7	3	1.7	74.5	0.22	0.12	8.08	0.083	2.07
457309		1080	13.2	35.8	<0.002	0.02	0.96	18.1	1	1.6	331	1.07	0.06	4.68	0.855	0.20
457310		2620	13.6	56.9	0.024	3.65	0.79	5.9	6	1.2	81.4	0.13	0.20	4.89	0.060	1.40
457311		3170	13.2	56.0	0.017	3.79	0.83	8.1	4	1.4	107.0	0.19	0.19	7.36	0.072	1.33
457312		1140	9.9	41.3	0.010	4.68	0.52	6.4	5	1.1	60.3	0.10	0.20	5.66	0.052	1.28
457313		780	38.4	49.8	0.051	>10.0	2.69	6.4	36	1.1	22.5	0.08	0.38	4.65	0.057	1.70
457314		1900	52.2	55.1	0.080	5.67	3.37	6.6	16	1.3	46.9	0.15	0.32	5.48	0.064	1.94
457315		1560	131.0	40.6	0.049	8.23	3.70	6.3	12	0.9	64.2	0.19	0.30	3.26	0.068	1.92
457316		60	0.6	0.3	<0.002	0.01	0.07	0.1	2	<0.2	75.7	<0.05	<0.05	0.05	<0.005	<0.02
457317		290	92.4	81.8	0.028	>10.0	6.05	11.5	8	1.8	51.9	0.46	0.71	4.79	0.173	4.30
457318		450	104.0	64.6	0.041	>10.0	6.94	11.1	10	1.3	53.9	0.37	0.75	3.86	0.128	3.58
457319		1680	67.5	61.1	0.055	9.75	4.18	10.9	12	1.4	91.3	0.46	0.49	3.83	0.144	3.00
457320		300	58.6	89.9	0.020	9.65	4.43	14.1	8	2.0	57.7	0.72	0.49	5.14	0.241	4.45

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300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18192974

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
457301		21.2	617	2.4	14.2	1490	108.0
457302		11.3	182	1.5	8.7	1070	130.0
457303		14.7	241	1.4	10.7	1200	134.0
457304		13.0	231	1.1	12.9	1060	129.0
457305		34.4	750	1.9	17.2	2610	71.7
457306		20.7	581	1.4	19.4	1270	97.9
457307		38.6	718	1.5	25.3	706	114.0
457308		5.9	110	1.0	12.5	151	117.0
457309		1.1	139	2.0	18.9	123	137.5
457310		10.0	230	0.7	13.4	435	67.2
457311		7.0	152	0.6	16.5	183	97.0
457312		4.4	178	0.6	8.6	170	66.5
457313		28.7	548	1.1	13.3	1160	73.9
457314		48.1	943	1.2	27.0	2920	88.9
457315		33.7	543	1.5	18.6	1400	57.1
457316		0.2	3	0.1	1.7	9	1.2
457317		15.6	267	1.6	10.5	958	113.0
457318		20.2	370	1.6	12.3	1280	82.0
457319		34.9	540	2.2	21.7	1220	94.9
457320		12.2	211	1.7	11.6	637	139.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

2103 Dollarton Hwy
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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18192974

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 9-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18198520

Projet: Kan

Bon de commande #: KANDH18-071

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

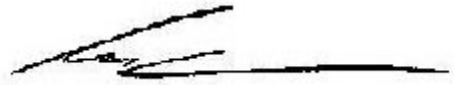
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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BUREAU 200
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Finalisée date: 9-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18198520

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557401		2.48	0.007	1.23	5.16	76.3	170	2.64	0.35	0.77	10.95	72.6	82.5	74	2.65	246
557402		2.92	0.004	0.94	6.08	30.4	240	2.98	0.40	0.40	10.75	77.0	33.7	85	3.00	218
557403		4.03	<0.001	0.40	6.97	25.6	310	2.46	0.30	0.49	1.49	99.6	51.6	68	2.81	122.0
557404		2.97	<0.001	0.78	7.05	33.4	350	2.53	0.41	0.66	2.36	91.8	56.0	59	3.23	152.5
557405		4.12	0.006	0.83	8.28	19.5	290	2.80	0.24	1.57	2.05	60.4	25.2	104	4.45	208
557406		4.73	0.010	1.22	2.28	33.1	50	0.36	0.31	3.45	2.73	36.9	38.4	39	0.87	230
557407		4.73	0.003	0.96	2.71	30.1	80	0.76	0.19	3.94	2.06	39.0	28.1	43	1.07	172.0
557408		4.91	0.006	0.86	8.00	40.1	240	2.52	0.14	0.86	2.54	59.4	46.6	98	4.75	140.5
557409		0.07	7.65	1.29	6.07	34.6	310	1.00	0.50	2.81	0.08	28.8	44.8	316	0.65	114.5
557410		4.88	0.006	1.19	4.74	59.0	100	1.10	0.26	1.80	1.48	58.4	54.4	57	2.02	190.5
557411		4.77	0.004	2.38	2.83	31.6	60	0.74	0.48	1.79	0.91	41.6	30.0	46	1.08	335
557412		4.41	0.012	1.43	4.93	19.5	170	1.38	0.23	1.16	4.34	56.5	23.7	60	2.94	144.5
557413		4.22	0.007	0.79	4.31	12.7	140	2.64	0.17	1.16	2.18	46.4	13.3	55	2.28	123.5
557414		4.71	0.015	1.91	2.92	11.9	120	1.02	0.40	1.52	7.17	43.7	20.9	55	1.61	210
557415		4.38	<0.001	0.89	8.39	13.6	230	2.62	0.16	1.22	2.59	80.8	21.0	97	4.88	144.0
557416		0.27	0.001	0.01	0.09	<0.2	20	0.07	0.01	34.4	0.02	1.18	0.8	2	<0.05	2.0
557417		4.67	0.019	1.46	7.30	83.3	190	1.54	0.27	1.66	4.06	65.6	21.4	82	4.28	124.5
557418		4.03	0.018	1.05	7.70	64.9	200	1.72	0.17	2.77	3.92	62.4	21.2	73	4.86	148.5
557419		4.03	0.032	1.74	6.20	131.0	140	1.69	0.35	1.20	6.65	54.3	28.1	67	4.07	127.5
557420		3.85	0.028	1.86	5.94	96.0	170	1.85	0.33	1.50	7.60	51.6	21.5	68	4.27	170.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18198520

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557401		15.00	13.40	0.14	2.8	0.336	0.076	1.94	33.0	36.8	1.00	601	13.50	0.09	3.5	154.0
557402		11.20	15.90	0.13	3.1	0.268	0.083	2.41	35.6	40.1	0.90	300	8.00	0.10	4.6	121.0
557403		7.42	18.10	0.12	3.9	0.067	0.106	2.48	40.2	67.7	1.64	2230	2.56	0.14	5.1	63.6
557404		6.72	18.30	0.11	4.0	0.115	0.112	2.81	39.3	48.6	1.17	787	5.49	0.16	5.2	107.0
557405		10.15	23.7	0.13	4.3	0.063	0.080	3.87	33.6	24.8	1.05	1540	15.95	0.21	9.3	116.0
557406		14.55	7.23	0.16	1.3	0.125	0.047	0.62	19.5	18.6	2.25	3260	30.1	0.04	2.9	136.5
557407		11.45	8.65	0.10	1.6	0.098	0.040	0.83	19.8	20.5	2.42	3750	22.8	0.05	3.7	97.5
557408		10.50	22.0	0.13	3.9	0.104	0.073	3.51	34.0	31.7	0.90	454	18.50	0.15	9.0	89.6
557409		5.58	16.60	0.07	2.5	0.135	0.046	1.07	13.8	16.9	4.02	741	5.81	1.20	17.3	243
557410		16.65	14.30	0.14	3.0	0.062	0.048	1.50	29.4	40.9	1.90	1440	12.05	0.07	7.5	124.5
557411		20.7	8.56	0.15	1.5	0.055	0.028	0.76	21.3	28.0	1.67	1800	34.1	0.04	2.8	178.0
557412		10.25	14.50	0.13	3.1	0.161	0.081	2.07	31.2	22.7	0.84	588	29.1	0.09	6.0	94.9
557413		9.51	12.60	0.12	2.3	0.065	0.055	1.63	23.7	28.7	1.15	1180	10.80	0.09	3.9	68.2
557414		14.90	8.69	0.14	1.7	0.240	0.102	1.06	22.7	20.0	1.06	1090	42.2	0.05	2.4	127.5
557415		10.35	25.4	0.15	6.8	0.074	0.098	3.70	44.9	33.4	1.06	427	14.25	0.16	22.7	92.8
557416		0.16	0.32	<0.05	0.1	<0.005	<0.005	0.02	1.2	1.3	1.58	96	0.15	0.03	0.2	1.0
557417		13.50	21.4	0.16	4.6	0.327	0.098	3.20	36.7	24.8	1.09	432	19.80	0.23	15.8	143.0
557418		12.15	21.5	0.14	4.1	0.273	0.104	3.35	35.8	28.8	1.68	579	15.30	0.21	11.1	144.5
557419		15.90	17.20	0.18	3.8	0.513	0.099	2.69	30.9	26.5	0.88	276	29.6	0.12	9.3	156.5
557420		16.65	16.85	0.16	2.9	0.450	0.096	2.63	30.1	26.8	1.04	413	37.0	0.12	6.3	208

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18198520

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557401		1770	20.4	69.4	0.040	>10.0	1.66	10.0	15	1.7	37.5	0.23	0.29	8.81	0.120	3.25
557402		1280	14.3	84.9	0.045	7.13	1.36	12.0	13	2.1	32.0	0.31	0.36	10.25	0.160	3.98
557403		610	6.5	89.1	0.004	1.86	0.39	12.1	2	2.3	36.4	0.32	0.18	10.70	0.137	3.66
557404		620	12.9	100.5	0.007	3.20	0.42	12.4	5	2.3	39.9	0.32	0.23	10.25	0.163	4.18
557405		290	15.9	115.0	0.014	5.70	1.31	17.5	7	2.1	74.3	0.50	0.20	5.51	0.247	5.35
557406		1990	28.3	21.4	0.026	7.89	1.42	4.5	9	0.6	81.6	0.17	0.23	2.73	0.061	1.13
557407		1330	20.8	28.8	0.022	5.79	0.89	5.8	8	0.8	98.5	0.21	0.16	3.38	0.075	1.36
557408		740	15.4	106.0	0.020	6.67	1.11	16.0	5	2.0	51.0	0.50	0.13	5.44	0.269	4.95
557409		1080	9.9	39.2	<0.002	0.09	0.78	21.3	1	1.0	280	0.93	0.21	2.32	0.682	0.22
557410		2230	19.9	47.3	0.017	9.61	1.12	9.7	6	1.2	60.4	0.41	0.27	5.75	0.131	2.20
557411		2110	30.3	26.3	0.033	>10.0	2.50	5.8	8	0.7	51.8	0.18	0.48	4.14	0.055	1.25
557412		1300	24.8	65.9	0.033	6.15	1.84	9.1	7	1.6	49.9	0.42	0.21	5.22	0.132	3.07
557413		1330	14.4	50.2	0.014	4.10	0.95	8.7	5	1.1	46.1	0.23	0.16	4.56	0.118	2.30
557414		1420	26.0	36.6	0.055	7.80	2.42	6.4	10	1.0	53.1	0.15	0.36	4.88	0.065	1.70
557415		510	19.4	104.5	0.015	5.55	1.02	17.1	5	3.1	62.2	1.17	0.16	7.74	0.283	4.79
557416		70	<0.5	0.7	<0.002	0.02	0.05	0.3	3	<0.2	84.5	<0.05	<0.05	0.09	0.006	0.03
557417		410	69.5	88.1	0.024	>10.0	3.90	14.5	5	2.3	70.4	0.79	0.48	6.07	0.234	4.70
557418		270	47.6	97.1	0.019	9.01	3.41	15.8	6	2.3	94.0	0.68	0.42	5.44	0.241	5.07
557419		400	98.5	82.7	0.038	>10.0	6.56	12.7	9	1.8	50.7	0.56	0.59	5.29	0.156	4.81
557420		380	96.5	84.0	0.037	>10.0	5.11	11.7	13	1.7	57.8	0.36	0.47	4.63	0.149	4.37

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18198520

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557401		11.1	423	1.5	15.8	1520	98.2
557402		10.6	524	1.7	15.5	1420	108.0
557403		2.4	232	2.3	10.9	372	135.0
557404		3.9	194	3.1	11.0	471	140.5
557405		10.8	178	1.9	10.5	404	164.5
557406		16.0	400	1.1	13.9	586	51.2
557407		13.6	350	1.1	12.2	437	64.3
557408		14.5	289	1.7	12.3	532	144.5
557409		0.6	144	9.5	14.7	82	104.5
557410		10.1	220	1.0	12.8	349	112.0
557411		16.1	390	0.9	13.3	211	57.5
557412		19.8	433	1.1	15.0	871	107.5
557413		9.8	240	0.8	10.0	480	86.0
557414		19.5	540	1.0	14.8	1370	61.3
557415		11.9	207	1.4	15.6	559	270
557416		0.3	2	<0.1	2.1	5	2.2
557417		14.0	237	1.2	13.7	899	174.0
557418		12.4	198	1.3	12.1	860	152.0
557419		16.7	301	1.4	14.6	1290	129.5
557420		18.6	359	1.5	13.4	1410	111.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 9-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18198520

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 9- SEPT- 2018
Compte: MINVIR

CERTIFICAT VO18198527

Projet: Kan

Bon de commande #: KANDH18- 070

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- AOUT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18198527

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457381		5.01	<0.001	0.11	6.27	0.2	370	2.04	0.16	0.52	0.23	48.0	16.3	74	4.02	17.7
457382		4.96	<0.001	0.23	6.33	0.3	370	2.11	0.14	0.55	0.27	45.7	16.8	75	4.06	20.0
457383		4.85	<0.001	0.08	7.37	<0.2	420	2.25	0.10	0.24	0.17	53.7	16.0	87	4.71	17.0
457384		4.72	<0.001	0.15	7.55	0.6	440	2.17	0.19	0.27	0.15	54.2	16.3	91	4.84	18.0
457385		4.83	<0.001	0.17	7.06	<0.2	410	2.31	0.22	0.29	0.16	51.9	16.0	84	4.45	17.4
457386		4.69	<0.001	0.08	7.13	<0.2	430	2.42	0.10	0.29	0.18	48.4	14.9	85	4.71	14.1
457387		4.77	<0.001	0.19	6.90	0.3	410	1.85	0.33	0.25	0.20	51.9	18.0	82	4.41	18.9
457388		4.52	<0.001	0.10	6.83	0.3	410	2.10	0.14	0.35	0.20	52.0	16.9	81	4.41	18.4
457389		0.07	2.53	0.45	7.07	12.2	340	1.14	0.17	4.77	0.08	43.9	56.2	321	0.70	85.1
457390		4.29	0.028	1.90	3.47	54.6	110	2.37	0.27	1.40	32.9	70.3	26.0	68	2.87	636
457391		4.49	0.029	2.13	3.34	35.5	110	2.55	0.31	1.48	30.4	63.0	20.3	62	3.07	740
457392		4.55	0.036	2.37	3.27	40.1	110	2.41	0.31	1.08	37.3	63.2	23.9	62	3.18	714
457393		4.41	0.034	2.00	3.18	29.6	120	2.55	0.34	1.37	28.8	63.6	13.1	63	3.26	529
457394		4.61	0.012	1.51	2.94	51.7	70	2.13	0.29	1.87	6.47	57.4	22.6	53	1.35	444
457395		4.68	0.027	2.27	2.21	25.6	100	1.76	0.45	1.57	18.45	47.6	18.9	59	1.99	518
457396		0.24	<0.001	0.01	0.06	1.9	90	0.08	0.01	18.85	0.09	1.44	0.8	3	0.49	3.8
457397		4.73	0.020	2.07	2.08	20.6	70	1.27	0.39	2.44	14.05	44.5	14.8	44	1.20	648
457398		4.65	0.014	1.65	4.84	25.2	180	2.26	0.26	1.92	9.58	55.2	18.0	63	3.12	450
457399		4.47	0.018	2.08	1.94	38.4	40	0.62	0.24	3.02	8.92	44.8	15.3	47	1.43	509
457400		3.67	0.034	2.26	3.20	105.0	120	1.29	0.33	2.50	13.35	41.5	25.9	52	2.89	298

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Finalisée date: 9- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18198527

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457381		13.20	17.50	0.06	1.9	<0.005	0.036	3.15	24.3	34.4	1.56	16250	1.04	0.70	6.8	28.2
457382		12.35	17.95	0.08	1.9	<0.005	0.036	3.19	23.1	33.7	1.49	14950	1.02	0.69	6.9	27.5
457383		10.20	20.4	0.09	2.1	<0.005	0.042	3.74	27.2	37.8	1.35	10600	0.74	0.74	7.6	29.8
457384		9.29	21.1	0.11	2.2	<0.005	0.040	3.92	27.0	38.3	1.30	9810	0.83	0.66	7.9	31.6
457385		9.68	19.80	0.09	2.0	<0.005	0.044	3.59	26.5	35.2	1.29	11350	1.09	0.71	7.7	30.3
457386		9.11	20.1	0.07	2.1	<0.005	0.039	3.69	25.4	36.2	1.27	10250	0.86	0.59	7.8	28.1
457387		10.05	19.45	0.10	2.0	<0.005	0.040	3.51	26.1	33.5	1.31	11500	1.45	0.69	7.4	32.7
457388		10.70	19.15	0.11	2.0	<0.005	0.043	3.48	26.5	32.7	1.37	12300	2.28	0.62	7.2	30.4
457389		7.80	19.90	0.07	3.7	0.041	0.057	1.03	20.7	9.6	5.82	1120	2.94	2.07	30.3	357
457390		15.00	11.00	0.23	2.7	1.055	0.083	1.28	44.4	25.6	1.03	2000	126.0	0.06	4.0	258
457391		14.90	10.70	0.23	2.5	0.976	0.079	1.28	40.2	25.0	1.01	2170	129.0	0.06	4.0	276
457392		15.40	10.15	0.26	2.5	1.145	0.095	1.32	41.0	24.6	0.78	1670	152.5	0.06	3.9	297
457393		11.90	9.78	0.22	2.6	0.852	0.072	1.31	41.3	31.0	1.02	2320	114.5	0.04	4.0	181.0
457394		14.20	9.70	0.17	2.1	0.213	0.019	0.64	31.6	34.0	1.64	2810	67.8	0.04	3.8	124.0
457395		15.45	7.39	0.23	1.6	0.480	0.062	0.76	30.9	22.0	1.05	2330	98.9	0.03	3.1	184.5
457396		0.18	0.29	<0.05	0.1	<0.005	<0.005	0.03	0.7	13.8	13.30	294	0.44	0.03	0.1	1.9
457397		17.95	6.95	0.20	1.4	0.379	0.062	0.51	26.4	20.8	1.57	3270	69.1	0.03	2.9	188.0
457398		16.60	13.75	0.17	1.9	0.241	0.062	1.84	31.0	30.6	1.26	1680	46.3	0.24	3.9	201
457399		18.20	6.17	0.16	1.1	0.274	0.040	0.49	27.8	18.0	1.88	3190	112.0	0.03	3.5	226
457400		16.05	8.80	0.18	1.4	0.756	0.060	1.33	25.2	23.0	1.35	1470	92.9	0.06	4.0	215

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CERTIFICAT D'ANALYSE VO18198527

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457381		360	12.3	138.5	<0.002	0.39	0.11	9.5	<1	1.1	95.4	0.48	<0.05	7.20	0.235	0.45
457382		350	11.2	142.0	<0.002	0.45	0.12	9.8	1	1.1	101.0	0.48	0.10	7.44	0.229	0.47
457383		390	9.2	167.0	0.002	0.34	0.12	11.5	<1	1.2	65.9	0.56	<0.05	8.62	0.270	0.54
457384		240	26.3	170.5	<0.002	0.33	0.12	11.8	1	1.3	69.6	0.59	<0.05	8.85	0.280	0.57
457385		210	43.4	161.5	0.002	0.36	0.13	11.1	1	1.2	71.7	0.55	0.08	8.49	0.263	0.54
457386		170	19.5	168.5	<0.002	0.30	0.13	11.5	1	1.3	69.7	0.56	<0.05	8.70	0.264	0.50
457387		270	48.6	159.5	<0.002	0.39	0.13	10.7	1	1.3	65.6	0.54	0.05	8.35	0.259	0.50
457388		310	26.6	157.0	<0.002	0.34	0.11	10.8	1	1.2	79.6	0.52	<0.05	8.28	0.248	0.51
457389		1930	5.2	33.3	<0.002	0.04	0.36	22.0	1	1.4	502	1.67	0.10	2.82	1.105	0.08
457390		2270	49.2	50.8	0.117	9.53	5.13	7.1	30	1.2	41.9	0.26	0.52	5.30	0.077	2.91
457391		2230	51.0	52.2	0.124	9.20	5.41	7.2	31	1.1	47.0	0.26	0.48	4.98	0.075	3.18
457392		2260	57.2	54.7	0.125	9.89	6.28	6.7	39	1.2	36.9	0.26	0.50	4.86	0.072	3.35
457393		2470	47.2	54.7	0.111	6.72	5.56	6.6	27	1.2	42.5	0.31	0.58	4.69	0.076	3.32
457394		2080	30.8	28.8	0.061	8.01	3.24	5.5	20	0.8	56.6	0.23	0.68	4.57	0.052	1.65
457395		2160	49.4	33.2	0.103	8.80	5.20	4.6	27	0.9	49.5	0.20	0.83	3.68	0.044	2.00
457396		70	2.4	1.4	<0.002	0.02	0.21	0.2	2	<0.2	114.5	<0.05	<0.05	0.11	0.005	0.08
457397		2440	41.0	22.1	0.063	9.67	3.98	4.5	27	0.6	64.3	0.19	0.78	3.31	0.042	1.36
457398		1110	32.2	66.1	0.050	9.23	2.79	8.9	17	1.2	63.1	0.23	0.48	4.41	0.099	3.80
457399		3000	36.4	20.9	0.063	>10.0	3.65	4.6	16	0.5	62.2	0.20	0.31	2.70	0.061	1.42
457400		1320	61.9	48.9	0.076	>10.0	6.68	6.4	20	0.9	62.0	0.23	0.41	3.34	0.081	3.26

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Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18198527

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457381		1.9	90	1.3	6.3	80	69.9
457382		2.1	104	1.3	5.8	89	72.2
457383		2.0	103	1.5	6.0	82	74.1
457384		2.1	110	1.6	5.6	78	78.1
457385		2.0	103	1.5	5.3	77	73.9
457386		2.1	114	1.6	4.9	76	75.7
457387		2.0	101	1.5	5.3	75	72.1
457388		2.1	103	1.5	5.6	72	73.3
457389		0.7	154	3.5	20.9	108	152.0
457390		66.3	1210	2.4	37.8	4710	105.0
457391		65.9	1180	2.5	36.4	4180	98.4
457392		74.3	1400	2.9	40.4	5210	103.5
457393		62.7	1270	2.3	31.8	3970	96.1
457394		36.5	666	0.6	21.6	900	84.6
457395		58.4	1010	0.8	23.3	2610	63.5
457396		0.4	4	0.4	1.0	17	2.2
457397		36.1	711	0.7	21.8	2170	55.5
457398		27.2	520	1.2	14.4	1510	77.1
457399		44.9	929	2.2	25.3	1510	45.9
457400		39.5	898	2.4	20.8	2250	55.6

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CERTIFICAT D'ANALYSE VO18198527

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 2- SEPT- 2018
Compte: MINVIR

CERTIFICAT VO18198532

Projet: Kan

Bon de commande #: KANDH18- 069

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- AOUT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

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Projet: Kan

CERTIFICAT D'ANALYSE VO18198532

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457361		5.07	<0.001	0.08	6.09	0.4	340	1.88	0.13	0.46	0.21	47.4	14.8	72	4.24	18.1
457362		5.05	<0.001	0.14	6.65	0.2	380	2.00	0.21	0.42	0.17	48.5	15.3	78	4.36	16.7
457363		4.96	<0.001	0.08	6.06	0.2	350	1.86	0.12	0.54	0.19	45.6	14.5	71	4.12	16.1
457364		4.87	<0.001	0.10	6.22	0.9	390	1.86	0.17	0.55	0.24	44.4	14.3	72	3.95	12.6
457365		4.83	<0.001	0.06	6.15	0.2	370	1.95	0.08	0.46	0.20	44.7	14.0	72	3.82	18.2
457366		4.97	0.001	0.10	7.56	0.7	400	2.19	0.10	0.30	0.25	53.3	16.0	90	5.97	23.0
457367		4.61	0.005	0.18	7.65	<0.2	410	2.72	0.18	0.13	0.05	54.2	18.6	95	11.20	27.9
457368		4.96	0.008	0.24	6.19	0.5	260	2.32	0.21	0.08	0.03	27.8	20.5	89	5.93	39.1
457369		0.07	0.677	0.20	6.88	19.8	320	1.50	0.14	4.25	0.18	41.9	40.4	181	1.73	54.1
457370		4.93	0.003	0.15	8.56	<0.2	470	2.63	0.17	0.16	0.27	66.5	20.1	102	13.50	37.1
457371		5.05	<0.001	0.15	7.91	<0.2	430	2.32	0.18	0.33	0.20	61.1	16.9	92	5.53	26.3
457372		4.93	<0.001	0.07	7.63	1.3	440	2.22	0.09	0.29	0.32	55.9	14.5	90	5.46	17.4
457373		4.97	<0.001	0.11	6.98	0.2	420	2.02	0.13	0.32	0.17	52.8	16.0	81	5.37	20.9
457374		4.73	<0.001	0.06	7.32	3.2	520	2.04	0.04	0.17	0.14	49.0	13.7	73	7.72	17.5
457375		4.66	<0.001	0.08	7.05	0.2	540	1.89	0.09	0.18	0.15	45.8	12.7	67	9.38	19.2
457376		0.22	0.001	0.01	0.09	0.2	20	0.08	0.01	32.9	0.03	1.26	0.6	2	0.08	1.8
457377		4.82	<0.001	0.10	6.90	0.2	470	1.95	0.16	0.37	0.17	50.6	15.2	78	5.70	20.4
457378		5.24	<0.001	0.06	2.78	0.8	160	1.00	0.08	0.82	0.14	25.5	11.5	40	3.23	16.3
457379		5.02	<0.001	0.10	7.55	1.4	410	2.37	0.12	0.39	0.19	56.4	16.6	92	13.95	24.7
457380		4.98	<0.001	0.08	6.72	<0.2	370	2.05	0.11	0.32	0.18	53.9	15.7	78	4.42	19.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 2- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18198532

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457361		11.40	16.10	0.08	1.9	<0.005	0.038	2.97	25.1	28.6	1.39	13350	1.34	0.61	6.5	29.4
457362		10.75	16.60	0.10	2.0	<0.005	0.039	3.25	25.7	29.7	1.36	12050	1.25	0.62	6.6	30.4
457363		11.45	15.60	0.08	1.8	<0.005	0.039	2.98	24.9	28.5	1.43	13550	1.06	0.56	6.3	29.1
457364		9.24	15.75	0.08	1.9	<0.005	0.035	3.01	24.0	28.9	1.27	12050	1.06	0.65	6.3	28.6
457365		11.40	15.40	0.09	1.8	0.007	0.042	3.04	24.0	28.9	1.44	13350	1.29	0.57	6.1	29.0
457366		9.97	18.40	0.11	2.0	<0.005	0.044	3.78	28.8	42.7	1.33	9300	0.96	0.72	7.3	33.7
457367		8.58	19.00	0.10	1.9	<0.005	0.048	3.53	28.7	70.0	1.38	445	2.13	0.35	8.2	44.0
457368		12.15	17.30	0.08	1.6	0.007	0.046	2.22	13.5	58.6	1.93	492	5.63	0.02	8.4	46.2
457369		7.14	17.60	0.09	3.6	0.029	0.065	0.85	19.3	15.8	2.78	915	2.20	1.66	19.2	136.5
457370		8.02	21.3	0.11	2.5	0.007	0.053	4.75	34.4	62.4	1.21	3620	0.98	0.28	8.4	45.0
457371		10.45	19.60	0.12	2.3	<0.005	0.044	4.10	32.1	45.0	1.29	10700	1.17	0.58	8.0	36.4
457372		9.56	19.30	0.09	2.3	0.009	0.043	3.96	28.7	44.9	1.26	9640	0.81	0.55	7.9	36.1
457373		8.35	17.75	0.10	2.1	0.005	0.039	3.60	27.8	43.2	1.17	8240	1.13	0.56	7.1	32.6
457374		4.70	17.55	0.08	3.2	0.006	0.037	3.83	24.6	53.5	0.87	1540	1.02	0.61	6.8	28.4
457375		4.05	16.70	0.08	3.0	0.006	0.035	3.74	22.6	58.2	0.83	845	0.86	0.63	6.4	25.7
457376		0.20	0.30	0.07	0.1	0.005	0.006	0.03	1.4	1.7	2.25	157	0.25	0.03	0.1	1.4
457377		9.19	17.00	0.08	2.1	<0.005	0.043	3.57	26.3	42.6	1.29	9420	1.60	0.48	6.9	30.3
457378		15.70	7.80	0.07	0.9	<0.005	0.024	1.49	13.9	19.1	1.95	15300	0.91	0.10	5.1	19.3
457379		9.75	19.65	0.10	2.3	<0.005	0.049	4.24	30.0	66.5	1.51	5930	0.95	0.12	8.7	40.7
457380		10.50	17.15	0.09	2.1	<0.005	0.040	3.38	28.4	39.5	1.30	12850	0.71	0.63	8.0	32.2

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plus les pages d'annexe
Finalisée date: 2- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18198532

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457361		320	5.9	137.0	0.002	0.37	0.16	9.4	<1	1.0	79.3	0.51	<0.05	7.38	0.226	0.44
457362		380	22.7	142.0	<0.002	0.37	0.16	9.9	1	1.1	78.1	0.54	<0.05	7.84	0.243	0.42
457363		370	8.6	132.5	<0.002	0.36	0.14	9.5	1	1.0	91.6	0.49	<0.05	7.33	0.224	0.39
457364		330	16.2	129.0	<0.002	0.26	0.13	9.2	1	1.0	93.4	0.50	<0.05	7.42	0.228	0.42
457365		350	5.6	126.0	<0.002	0.40	0.12	9.3	1	1.0	81.1	0.47	<0.05	7.28	0.226	0.38
457366		350	9.4	160.0	0.002	0.57	0.19	11.7	1	1.2	78.9	0.57	<0.05	8.98	0.269	0.58
457367		310	6.3	176.5	0.004	0.96	0.26	12.3	2	1.3	47.1	0.58	0.07	8.30	0.274	0.85
457368		220	7.6	66.3	0.004	1.64	0.32	10.7	2	1.1	28.3	0.61	0.08	4.72	0.265	0.51
457369		1120	13.6	28.7	<0.002	0.02	0.99	18.4	1	1.6	344	1.19	<0.05	4.31	0.885	0.17
457370		380	7.7	223	0.003	0.97	0.23	14.0	1	1.4	53.4	0.67	<0.05	10.25	0.301	0.97
457371		570	17.3	167.5	0.002	0.47	0.16	11.9	1	1.3	75.6	0.61	<0.05	9.72	0.283	0.55
457372		290	11.3	162.5	0.002	0.27	0.15	11.9	1	1.3	68.3	0.62	<0.05	9.48	0.283	0.53
457373		320	19.3	153.5	0.002	0.41	0.14	11.0	1	1.2	79.8	0.58	<0.05	8.66	0.256	0.47
457374		150	5.4	167.5	<0.002	0.28	0.13	9.2	1	1.1	74.4	0.55	<0.05	9.50	0.229	0.58
457375		130	8.9	171.0	0.002	0.31	0.12	8.6	1	1.0	81.6	0.52	<0.05	8.58	0.215	0.65
457376		80	0.6	1.1	<0.002	0.02	0.11	0.2	1	<0.2	77.8	<0.05	<0.05	0.14	0.006	<0.02
457377		300	21.3	153.0	<0.002	0.36	0.12	9.9	1	1.1	80.8	0.53	<0.05	7.93	0.247	0.44
457378		350	4.7	66.1	<0.002	0.31	0.07	4.5	1	0.5	70.3	0.32	<0.05	3.13	0.136	0.22
457379		350	4.9	208	0.003	0.48	0.16	12.2	1	1.2	74.3	0.66	<0.05	8.67	0.288	0.81
457380		380	5.4	142.0	<0.002	0.40	0.14	10.1	1	1.1	69.9	0.59	<0.05	8.05	0.242	0.39

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QUEBEC QC G1K 7R1

Finalisée date: 2- SEPT- 2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18198532

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457361		2.0	85	1.1	6.0	82	67.2
457362		2.0	93	1.3	5.9	78	69.0
457363		2.0	87	1.2	6.0	75	66.0
457364		1.8	92	1.2	5.3	80	68.7
457365		1.9	87	1.1	5.4	88	64.6
457366		3.2	125	1.3	6.2	126	72.7
457367		3.6	161	1.2	6.1	156	68.8
457368		5.0	178	1.0	4.0	202	57.8
457369		1.2	144	2.0	18.0	126	142.0
457370		3.4	144	1.4	6.5	154	81.9
457371		2.4	117	1.3	6.5	90	82.8
457372		2.2	98	1.4	5.7	106	82.4
457373		2.4	96	1.2	5.4	82	73.4
457374		2.2	77	0.8	5.2	74	115.5
457375		2.0	75	0.8	4.8	88	108.0
457376		0.3	3	0.1	2.2	7	1.9
457377		2.0	90	1.0	5.6	77	77.7
457378		1.2	72	0.5	4.9	46	36.4
457379		2.9	152	1.4	6.7	108	78.4
457380		2.1	91	1.2	6.3	72	77.5

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CERTIFICAT D'ANALYSE VO18198532

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 10- SEPT- 2018
Compte: MINVIR

CERTIFICAT VO18203462

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 035

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17- AOUT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
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CERTIFICAT D'ANALYSE VO18203462

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
555441		2.67	1.085	0.03	0.27	1.4	30	0.44	0.03	1.94	0.17	4.08	4.2	8	4.17	6.5
555442		2.66	0.090	0.03	0.19	0.5	20	0.34	0.02	2.22	0.15	5.82	3.3	6	2.71	3.8
555443		2.59	0.143	0.01	0.12	0.3	10	0.24	0.02	2.33	0.10	3.91	2.6	10	1.95	3.7
555444		2.61	2.49	0.19	0.12	5.6	10	0.37	0.02	1.54	0.08	4.13	3.6	10	1.86	4.9
555445		2.62	0.002	0.02	0.61	18.7	20	0.91	0.04	1.60	0.02	13.85	9.1	28	2.85	4.9
555446		0.29	<0.001	<0.01	0.12	<0.2	20	0.12	0.01	30.8	<0.02	0.99	1.6	3	<0.05	2.6
555447		2.64	<0.001	0.02	0.62	5.9	<10	0.92	0.03	1.92	<0.02	13.35	7.3	26	0.15	5.9
555448		2.32	<0.001	0.02	0.50	9.5	<10	0.86	0.03	5.25	<0.02	13.00	6.8	21	0.24	6.6
555449		2.57	0.206	0.03	0.77	10.1	20	1.44	0.04	4.78	0.02	16.90	9.1	36	0.82	8.8
555450		2.55	<0.001	0.02	0.49	1.5	10	0.94	0.03	2.35	<0.02	11.80	7.2	26	0.65	9.3
555451		2.68	<0.001	0.02	0.56	2.8	10	1.19	0.03	2.02	<0.02	14.45	8.2	28	0.84	8.3
555452		2.72	<0.001	0.01	0.55	0.5	10	0.81	0.02	2.25	<0.02	12.45	6.7	26	0.98	6.1
555453		2.43	<0.001	0.02	0.57	0.6	20	0.96	0.02	1.79	<0.02	12.55	8.4	22	5.66	6.4
555454		1.24	<0.001	0.01	0.58	0.4	20	0.59	0.01	2.95	0.15	13.30	7.5	23	5.38	4.7
555455		2.12	<0.001	0.06	1.48	1.4	40	0.81	0.06	2.09	0.22	19.85	8.1	40	0.94	7.9
555456		2.52	<0.001	0.03	0.70	0.6	10	0.49	0.03	1.42	0.11	12.55	8.7	28	0.18	5.7
555457		2.57	<0.001	0.04	0.90	0.4	10	0.69	0.04	1.81	0.09	13.70	8.9	27	0.14	9.6
555458		2.38	<0.001	0.03	0.64	0.7	10	0.61	0.02	1.26	0.08	11.75	6.6	28	0.16	5.7
555459		0.07	7.56	1.33	5.73	34.0	290	0.94	0.49	2.79	0.09	29.7	42.4	305	0.58	110.0
555460		3.34	0.001	0.04	0.98	1.7	20	0.56	0.05	1.11	0.17	14.80	9.1	29	0.40	9.3

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CERTIFICAT D'ANALYSE VO18203462

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
555441		27.1	1.07	0.13	<0.1	0.022	<0.005	0.14	2.5	0.9	4.06	8110	0.55	0.06	0.8	1.5
555442		26.3	0.86	0.13	<0.1	0.007	<0.005	0.10	3.8	0.7	3.95	8240	0.33	0.04	0.4	1.0
555443		18.40	0.64	0.10	<0.1	0.011	<0.005	0.07	2.6	0.5	2.83	6160	0.62	0.03	0.3	1.2
555444		24.5	0.63	0.13	<0.1	0.027	<0.005	0.06	2.8	0.5	3.64	7350	0.62	0.03	0.3	1.5
555445		21.9	2.73	0.13	0.4	<0.005	0.014	0.10	7.7	1.9	2.94	12150	1.00	0.03	3.9	10.2
555446		0.29	0.38	<0.05	<0.1	<0.005	0.008	0.02	1.1	0.9	1.20	183	0.18	0.06	0.2	0.4
555447		18.95	2.87	0.12	0.3	<0.005	0.014	0.02	7.8	2.6	2.65	12800	0.96	<0.01	3.3	8.8
555448		16.55	1.93	0.10	0.4	<0.005	0.013	0.03	7.2	2.3	3.33	10500	0.74	<0.01	4.9	8.6
555449		16.70	3.23	0.11	0.6	0.005	0.018	0.11	9.3	4.3	3.26	11950	1.35	<0.01	5.5	12.4
555450		17.65	2.12	0.12	0.4	0.006	0.013	0.09	6.6	2.6	2.59	10850	1.04	<0.01	3.4	8.9
555451		21.0	2.59	0.12	0.5	0.007	0.015	0.12	8.0	3.0	3.17	10900	1.23	<0.01	4.6	9.3
555452		19.00	2.92	0.12	0.4	<0.005	0.014	0.10	6.8	2.3	2.90	10800	1.02	0.01	4.2	8.2
555453		19.20	2.79	0.10	0.4	0.033	0.016	0.26	7.0	2.5	2.84	11950	1.00	0.05	4.0	9.1
555454		14.55	2.57	0.10	0.4	0.017	0.015	0.26	7.4	2.6	2.27	13550	1.26	0.05	4.4	10.0
555455		15.65	5.89	0.11	0.7	<0.005	0.021	0.72	11.2	6.0	2.28	20800	3.98	0.02	5.4	14.0
555456		18.75	3.57	0.12	0.5	0.006	0.016	0.16	7.0	6.8	2.58	18800	1.48	0.01	4.3	12.5
555457		17.95	4.54	0.12	0.6	<0.005	0.017	0.12	7.7	10.3	2.78	15000	1.17	<0.01	5.1	14.5
555458		16.50	3.52	0.12	0.4	<0.005	0.013	0.15	6.1	6.3	2.25	13850	1.16	0.01	4.1	8.8
555459		5.25	14.15	0.09	2.3	0.167	0.054	1.00	15.6	14.1	3.74	718	5.85	1.12	16.5	233
555460		19.05	4.63	0.13	0.6	<0.005	0.022	0.48	8.3	4.2	2.48	18050	1.53	0.01	5.2	12.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 10- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203462

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
555441		180	2.2	5.0	<0.002	0.42	0.36	0.2	1	<0.2	55.2	0.06	0.07	0.08	<0.005	<0.02
555442		40	1.1	3.2	<0.002	0.26	0.11	0.2	1	<0.2	52.6	<0.05	<0.05	0.06	<0.005	<0.02
555443		70	0.9	2.4	<0.002	0.27	0.10	0.1	1	<0.2	45.7	<0.05	<0.05	0.03	<0.005	<0.02
555444		110	0.8	2.2	<0.002	0.34	0.09	0.1	1	<0.2	31.2	<0.05	0.05	0.03	<0.005	<0.02
555445		350	1.6	4.1	<0.002	0.19	0.21	1.8	1	0.2	24.9	0.19	0.07	0.78	0.064	<0.02
555446		70	<0.5	0.5	<0.002	<0.01	<0.05	0.2	1	<0.2	80.3	<0.05	<0.05	0.06	0.005	<0.02
555447		370	1.3	0.8	<0.002	0.13	0.12	1.8	1	0.2	18.6	0.16	0.05	0.71	0.056	<0.02
555448		390	2.0	1.5	<0.002	0.17	0.11	1.4	1	0.2	32.0	0.25	<0.05	0.72	0.064	0.02
555449		460	1.8	6.2	<0.002	0.22	0.13	2.4	1	0.4	26.2	0.30	0.08	1.09	0.086	0.11
555450		400	1.2	5.0	<0.002	0.14	0.11	1.5	1	0.2	17.5	0.20	0.06	0.60	0.066	0.09
555451		410	1.5	6.2	<0.002	0.14	0.08	1.7	1	0.2	17.2	0.30	0.05	0.80	0.078	0.08
555452		410	1.0	5.1	<0.002	0.11	0.20	1.7	1	0.2	23.3	0.26	0.05	0.70	0.082	0.04
555453		510	1.3	15.1	<0.002	0.08	0.12	1.7	1	0.2	31.5	0.26	0.05	0.69	0.079	0.07
555454		530	1.3	15.7	<0.002	0.11	0.11	1.7	1	0.2	66.4	0.28	<0.05	0.78	0.080	0.08
555455		530	4.3	37.3	<0.002	0.20	0.07	4.0	1	0.3	190.5	0.31	<0.05	1.59	0.128	0.18
555456		470	1.5	8.3	<0.002	0.12	0.05	2.2	1	<0.2	90.7	0.22	<0.05	0.70	0.086	0.03
555457		540	1.6	6.0	<0.002	0.18	0.06	2.9	1	<0.2	71.8	0.30	<0.05	0.87	0.121	0.02
555458		470	1.1	7.6	<0.002	0.11	<0.05	2.0	1	<0.2	43.9	0.20	<0.05	0.62	0.082	0.03
555459		1050	9.2	39.5	<0.002	0.08	0.79	21.0	1	0.9	263	0.88	0.26	2.26	0.632	0.19
555460		520	2.3	23.2	<0.002	0.25	0.05	2.8	1	0.2	75.0	0.27	<0.05	0.99	0.110	0.08

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Finalisée date: 10- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203462

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
555441		0.1	12	0.2	5.7	34	3.3
555442		<0.1	11	0.1	5.0	27	1.6
555443		<0.1	8	0.1	3.9	18	0.8
555444		<0.1	8	0.1	3.9	16	1.3
555445		0.6	38	0.2	7.7	12	18.8
555446		0.2	2	0.1	1.9	4	1.3
555447		0.6	35	0.2	7.6	11	16.8
555448		0.6	33	0.2	8.0	11	22.1
555449		0.8	50	0.2	9.3	16	26.9
555450		0.5	33	0.2	7.1	11	17.4
555451		0.4	43	0.2	7.9	11	22.6
555452		0.4	45	0.2	6.8	10	21.2
555453		0.3	47	0.2	5.8	12	20.5
555454		0.3	42	0.2	4.6	13	22.3
555455		1.1	93	0.2	5.9	54	32.8
555456		0.4	63	0.1	5.0	46	22.7
555457		0.7	80	0.1	5.5	59	28.8
555458		0.4	58	0.1	4.6	48	22.3
555459		0.6	136	8.4	15.2	80	97.7
555460		0.7	75	0.1	5.2	57	28.8

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CERTIFICAT D'ANALYSE VO18203462

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 11-SEPT-2018
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CERTIFICAT VO18203464

Projet: Kan

Bon de commande #: KANDH18-072

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

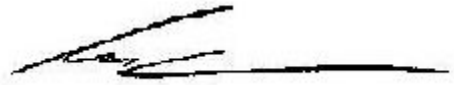
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18203464

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557421		3.42	0.026	1.45	6.74	111.5	110	1.71	0.25	2.07	5.83	59.5	18.6	71	4.38	83.4
557422		4.51	0.054	2.54	5.84	177.5	70	1.63	0.51	0.49	10.85	65.0	23.3	74	4.02	85.1
557423		4.69	0.028	1.46	5.88	114.5	150	1.38	0.25	4.02	3.62	58.9	16.4	64	3.63	96.9
557424		4.75	0.057	1.94	6.67	172.0	100	1.82	0.37	1.10	6.91	66.2	22.2	77	4.58	65.2
557425		4.32	0.024	1.28	6.58	111.0	130	1.79	0.24	3.11	3.79	61.7	18.4	66	4.49	83.2
557426		4.22	0.041	1.86	4.41	100.5	80	1.51	0.31	0.68	14.60	49.9	19.9	64	4.22	148.5
557427		4.62	0.047	1.89	3.35	30.9	130	1.19	0.30	1.64	13.35	47.6	12.4	59	3.30	191.5
557428		4.84	0.019	1.08	8.95	60.6	240	1.90	0.28	1.10	3.43	62.7	27.3	98	5.85	126.5
557429		0.07	0.667	0.20	7.03	19.8	320	1.48	0.14	4.30	0.18	50.2	42.2	183	1.88	54.7
557430		4.96	0.013	0.89	8.45	66.5	190	1.26	0.21	1.21	3.91	56.4	24.5	100	4.43	129.0
557431		4.97	0.033	1.11	6.82	78.6	140	0.99	0.28	2.35	4.52	55.0	20.5	80	3.68	102.0
557432		4.98	0.041	1.36	6.81	104.0	140	0.95	0.30	2.59	6.34	58.8	21.6	73	3.92	73.7
557433		4.99	0.044	1.26	4.34	119.0	100	0.67	0.31	4.24	6.34	45.2	20.6	55	2.69	100.5
557434		4.78	0.050	1.15	6.79	100.5	120	1.18	0.32	2.17	6.14	56.8	21.9	73	4.72	128.0
557435		4.44	0.043	1.02	7.63	92.1	190	1.15	0.34	0.68	4.39	64.5	28.5	84	4.94	118.0
557436		0.38	<0.001	0.01	0.10	<0.2	20	0.05	0.01	34.4	0.03	1.18	0.6	2	0.05	1.7
557437		4.85	0.024	0.90	7.89	84.2	210	1.42	0.29	1.23	4.23	64.6	24.9	87	5.49	123.5
557438		4.96	0.020	0.99	8.09	77.0	210	1.50	0.24	0.68	3.68	65.3	26.7	80	5.56	160.5
557439		4.30	0.016	0.81	8.83	49.6	170	1.08	0.23	1.20	1.93	63.9	22.1	92	4.22	148.5
557440		4.69	0.013	0.80	8.45	53.2	190	1.16	0.18	1.50	2.61	63.4	21.2	94	4.82	165.5

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Projet: Kan

CERTIFICAT D'ANALYSE VO18203464

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557421		12.80	17.10	0.19	3.2	0.501	0.094	2.84	35.1	26.1	1.19	487	25.6	0.21	7.2	150.5
557422		17.20	15.55	0.23	2.4	0.892	0.150	2.51	37.4	22.1	0.45	134	46.0	0.12	7.4	169.5
557423		13.55	14.80	0.17	2.9	0.421	0.070	2.41	34.3	24.8	1.99	836	18.95	0.25	8.3	173.5
557424		15.35	17.40	0.21	2.7	0.823	0.112	2.91	38.4	25.2	0.73	231	32.9	0.15	9.6	172.0
557425		11.95	16.95	0.17	3.2	0.475	0.070	2.83	35.7	27.6	1.62	598	20.9	0.14	8.2	151.0
557426		13.70	11.70	0.19	1.8	0.644	0.132	1.93	30.0	18.7	0.53	258	111.0	0.07	3.2	177.0
557427		11.65	8.70	0.16	1.8	0.336	0.123	1.49	29.3	14.9	0.91	752	109.0	0.05	2.9	179.0
557428		10.45	22.0	0.17	3.8	0.298	0.084	3.83	37.7	28.5	0.88	247	13.95	0.40	7.9	120.0
557429		7.18	18.25	0.12	3.6	0.025	0.070	0.86	22.4	14.2	2.80	897	2.25	1.67	18.8	139.0
557430		11.55	20.3	0.17	3.5	0.219	0.098	3.04	33.5	24.7	0.97	260	12.05	1.01	6.1	127.5
557431		11.70	16.75	0.16	3.1	0.372	0.082	2.41	32.5	17.5	1.26	338	19.60	1.09	6.5	125.0
557432		12.85	17.55	0.17	3.2	0.395	0.089	2.55	34.1	17.1	1.35	372	22.2	0.89	8.5	146.0
557433		16.45	10.85	0.15	1.7	0.487	0.085	1.62	26.2	19.7	2.19	509	31.2	0.29	6.3	146.0
557434		13.55	17.80	0.15	3.3	0.403	0.115	2.89	33.5	20.7	1.19	257	24.1	0.23	7.2	140.0
557435		12.15	20.3	0.09	3.3	0.350	0.112	2.85	36.6	18.3	0.57	120	26.6	0.99	8.5	117.5
557436		0.14	0.23	<0.05	<0.1	<0.005	0.005	0.02	1.3	1.1	1.36	89	0.18	0.04	0.1	<0.2
557437		11.50	20.8	0.09	3.5	0.306	0.102	3.21	37.5	21.4	0.81	229	19.95	0.64	8.4	125.5
557438		12.00	21.5	0.09	4.1	0.321	0.096	3.45	36.4	20.9	0.60	129	15.90	0.46	9.9	146.0
557439		9.90	21.3	0.10	3.8	0.215	0.073	2.61	38.4	18.4	0.86	211	13.45	2.32	9.0	118.0
557440		10.95	21.4	0.10	3.5	0.250	0.090	2.88	36.9	20.2	1.00	247	14.00	1.52	8.0	140.0

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CERTIFICAT D'ANALYSE VO18203464

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557421		270	92.6	75.4	0.026	>10.0	5.09	11.1	7	1.9	71.3	0.47	0.44	5.62	0.151	4.37
557422		720	214	71.0	0.050	>10.0	8.08	9.4	10	1.7	37.8	0.48	0.72	5.54	0.128	4.68
557423		280	75.8	62.9	0.022	>10.0	5.71	11.3	6	1.7	108.5	0.54	0.42	4.94	0.160	3.75
557424		510	125.0	79.2	0.038	>10.0	8.94	10.9	8	1.8	50.0	0.53	0.67	5.48	0.172	5.05
557425		270	89.7	77.3	0.023	>10.0	6.23	11.7	7	1.8	88.8	0.54	0.47	5.44	0.165	4.65
557426		790	99.1	59.8	0.074	>10.0	5.23	8.4	11	1.3	37.5	0.21	0.46	4.44	0.078	3.36
557427		1590	92.3	46.6	0.077	7.40	2.40	6.8	11	1.1	60.5	0.18	0.23	3.77	0.072	2.41
557428		240	51.7	93.0	0.016	8.37	3.59	16.9	4	1.9	68.4	0.41	0.64	5.14	0.248	4.95
557429		1100	13.5	37.1	<0.002	0.02	0.99	19.2	1	1.6	345	1.12	<0.05	4.94	0.867	0.19
557430		250	45.1	72.4	0.015	8.98	2.36	17.3	5	1.6	74.7	0.37	0.35	4.65	0.221	3.63
557431		260	52.2	58.4	0.022	9.92	3.87	12.5	5	1.4	90.5	0.41	0.50	4.83	0.170	3.26
557432		220	73.3	60.3	0.024	>10.0	5.23	11.4	5	1.6	89.8	0.60	0.57	5.24	0.180	3.56
557433		350	70.2	41.6	0.029	>10.0	4.68	9.4	7	1.1	107.0	0.43	0.53	3.65	0.120	2.35
557434		310	78.3	71.2	0.022	>10.0	4.13	12.9	6	1.6	85.1	0.44	0.55	4.90	0.176	3.97
557435		290	62.4	88.6	0.026	>10.0	4.40	12.9	5	1.7	65.1	0.48	0.62	5.70	0.245	4.08
557436		70	0.8	0.7	<0.002	0.02	0.07	0.2	1	<0.2	87.1	<0.05	<0.05	0.08	0.006	0.03
557437		240	83.2	95.1	0.021	>10.0	4.33	13.5	5	1.8	76.8	0.52	0.47	5.71	0.258	4.39
557438		240	57.2	97.3	0.017	>10.0	4.40	13.4	4	2.2	60.8	0.60	0.44	5.72	0.263	4.56
557439		260	91.7	77.0	0.011	7.89	3.54	15.3	3	1.7	86.7	0.51	0.39	5.57	0.309	3.21
557440		250	92.9	83.4	0.013	8.65	3.44	15.1	5	1.7	89.0	0.46	0.39	5.32	0.276	3.59

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 11-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203464

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557421		15.8	262	1.1	12.3	1100	120.0
557422		24.6	392	1.3	17.8	2040	97.4
557423		13.0	217	1.0	10.9	772	106.0
557424		21.3	341	1.3	13.1	1360	104.0
557425		14.5	233	1.2	11.7	708	119.0
557426		46.5	920	2.1	19.8	2280	72.8
557427		49.6	941	1.9	22.6	2000	70.7
557428		12.4	183	1.1	9.9	481	140.0
557429		1.1	144	2.0	19.7	126	141.5
557430		11.3	169	0.7	9.6	538	131.0
557431		13.0	197	0.7	10.0	673	114.5
557432		14.8	252	0.8	11.0	991	123.0
557433		16.3	263	0.8	13.8	1040	68.1
557434		15.9	248	0.9	11.4	1090	120.5
557435		16.3	245	1.0	11.7	774	134.0
557436		0.2	2	0.2	2.1	5	1.8
557437		14.7	212	1.1	10.7	744	136.0
557438		12.8	189	1.1	12.6	701	157.5
557439		11.8	164	1.0	9.7	388	142.0
557440		11.8	169	1.0	9.9	524	137.0

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CERTIFICAT D'ANALYSE VO18203464

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 11-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18203590

Projet: Kan

Bon de commande #: KANDH18-073

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

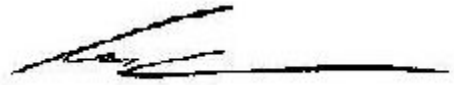
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18203590

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557441		4.80	0.023	1.19	7.86	89.5	210	1.57	0.26	1.80	5.34	65.9	25.7	80	5.50	125.5
557442		4.28	0.019	0.75	9.04	60.5	200	1.30	0.24	0.42	3.73	68.8	27.0	98	5.03	126.5
557443		4.19	0.019	0.87	8.51	72.5	220	1.69	0.24	0.98	6.59	67.9	27.1	85	5.69	116.0
557444		4.86	0.013	0.81	7.43	36.6	170	1.31	0.26	1.43	4.79	56.0	18.7	82	4.67	161.5
557445		3.92	0.015	1.28	8.23	63.1	200	1.46	0.20	1.51	4.90	73.2	25.2	91	5.68	113.5
557446		4.64	0.024	2.12	8.18	27.4	190	1.32	0.30	0.85	21.6	82.4	29.9	86	5.31	193.5
557447		4.70	0.004	1.23	6.38	15.6	210	1.83	0.36	2.92	8.11	89.3	24.8	74	4.50	146.5
557448		2.47	<0.001	0.09	0.04	0.4	<10	0.14	0.03	2.32	0.11	8.44	1.6	29	<0.05	7.9
557449		0.07	2.55	0.47	7.14	12.9	330	1.18	0.17	4.98	0.11	49.7	54.7	321	0.74	83.8
557450		2.35	<0.001	0.06	0.08	0.7	<10	0.11	0.02	4.48	0.12	12.65	3.1	36	0.07	5.1
557451		2.11	<0.001	0.03	0.08	0.6	<10	0.06	0.01	3.82	0.13	5.68	1.2	35	0.06	4.0
557452		2.19	<0.001	0.02	0.16	17.5	<10	0.12	0.02	2.76	0.20	6.10	1.4	39	0.12	1.8
557453		2.65	<0.001	0.03	0.38	2.9	<10	0.19	0.03	4.28	0.11	5.75	3.7	28	0.07	2.8
557454		2.30	<0.001	0.02	0.42	1.2	10	0.32	0.02	1.89	0.07	9.66	5.8	31	0.09	2.6
557455		2.36	<0.001	0.01	0.38	6.2	10	0.56	0.02	2.07	0.03	11.15	6.3	23	0.11	4.0
557456		0.33	<0.001	<0.01	0.18	0.3	30	0.14	0.01	33.7	<0.02	1.14	0.6	3	0.07	1.0
557457		2.46	<0.001	0.02	0.68	16.5	30	1.32	0.03	2.81	0.04	14.40	9.3	27	0.22	8.1
557458		2.45	<0.001	0.02	0.64	5.4	20	0.74	0.03	2.28	0.03	13.30	7.8	22	0.06	8.1
557459		2.58	<0.001	0.03	1.00	5.9	20	0.82	0.03	2.32	0.05	15.90	10.8	34	0.07	12.5
557460		2.39	<0.001	0.01	0.74	2.2	<10	0.64	0.02	1.39	0.06	14.15	8.3	24	0.08	8.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203590

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557441		12.05	20.5	0.08	3.5	0.424	0.106	3.26	36.3	22.5	1.07	323	17.70	0.63	8.1	132.5
557442		10.50	22.6	0.08	3.8	0.271	0.099	3.12	39.4	21.3	0.52	94	15.05	1.80	10.0	130.0
557443		11.85	22.0	0.12	4.0	0.333	0.120	3.51	38.1	26.6	0.81	193	15.75	0.61	10.1	131.5
557444		10.80	18.50	0.09	3.0	0.240	0.089	2.74	32.5	21.0	0.93	246	13.95	1.00	5.9	134.5
557445		12.40	22.2	0.10	4.3	0.304	0.092	3.28	43.1	22.8	0.97	266	24.4	0.75	12.1	138.5
557446		14.00	21.3	0.11	5.2	0.359	0.130	3.06	45.5	19.3	0.67	137	27.3	1.02	11.8	164.0
557447		11.55	19.75	0.10	6.4	0.115	0.090	2.77	47.6	18.8	1.53	1060	28.9	0.13	25.9	106.0
557448		14.75	0.19	<0.05	<0.1	0.005	0.015	0.01	5.2	1.0	3.37	3140	2.08	<0.01	0.5	5.5
557449		7.66	19.45	0.05	3.5	0.052	0.073	1.01	22.9	8.9	5.69	1080	3.48	2.03	30.2	360
557450		14.95	0.40	<0.05	0.2	0.012	0.016	0.03	7.1	1.4	4.18	3700	1.70	0.01	3.0	12.0
557451		11.10	0.35	<0.05	0.1	<0.005	0.012	0.03	3.2	0.9	2.90	3360	2.52	0.01	0.4	3.3
557452		8.94	0.90	<0.05	<0.1	<0.005	<0.005	0.06	3.6	1.5	2.28	1940	3.58	0.01	0.3	4.4
557453		17.50	2.05	<0.05	0.1	0.005	0.009	0.03	3.2	9.2	4.19	5600	1.79	0.01	0.6	10.7
557454		16.70	2.18	<0.05	0.3	<0.005	0.012	0.05	5.1	7.3	2.28	9850	2.14	0.02	1.9	6.8
557455		18.90	1.97	<0.05	0.3	<0.005	0.008	0.05	5.5	6.5	2.60	9660	1.60	<0.01	2.8	6.5
557456		0.29	0.46	<0.05	0.2	<0.005	0.005	0.04	1.2	1.4	1.60	141	0.23	0.09	0.2	<0.2
557457		19.55	4.01	<0.05	0.5	<0.005	0.018	0.12	7.5	10.7	2.98	11750	1.42	0.01	3.3	12.0
557458		20.3	3.18	<0.05	0.5	<0.005	0.011	0.03	7.1	11.5	2.96	13200	1.01	<0.01	2.7	10.9
557459		19.15	5.11	<0.05	0.7	<0.005	0.021	0.03	8.6	17.8	2.89	17550	1.66	<0.01	3.4	17.0
557460		20.2	3.71	<0.05	0.6	<0.005	0.016	0.02	7.4	11.2	2.86	16500	1.08	<0.01	5.4	11.2

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Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18203590

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557441		230	89.9	98.0	0.019	>10.0	5.04	13.7	6	1.9	88.5	0.49	0.52	5.73	0.247	4.38
557442		240	70.2	93.1	0.019	9.37	4.23	15.7	4	1.9	67.7	0.66	0.39	6.10	0.295	3.80
557443		240	79.5	105.0	0.015	>10.0	4.04	14.5	5	2.1	71.2	0.66	0.40	5.88	0.279	4.40
557444		260	154.5	84.4	0.015	7.94	2.62	13.3	4	1.6	81.7	0.32	0.29	4.77	0.219	3.46
557445		340	211	97.9	0.029	9.95	4.85	15.5	6	2.2	87.9	0.69	0.67	6.52	0.258	4.13
557446		300	643	94.3	0.032	>10.0	4.18	14.1	6	2.1	75.7	1.00	0.82	7.53	0.228	3.59
557447		530	351	90.2	0.031	7.03	1.85	11.7	4	2.5	117.0	1.49	0.38	7.89	0.207	2.83
557448		220	2.5	0.4	<0.002	0.85	0.11	0.2	1	<0.2	39.2	<0.05	0.06	0.09	<0.005	0.03
557449		1940	5.5	33.6	<0.002	0.04	0.37	19.5	1	1.4	500	1.62	0.05	3.11	1.090	0.07
557450		340	2.0	1.4	<0.002	0.46	0.08	0.7	1	<0.2	86.6	0.12	<0.05	0.50	0.032	0.03
557451		110	2.1	1.4	<0.002	0.49	0.05	0.2	1	<0.2	98.8	<0.05	<0.05	0.10	<0.005	0.03
557452		160	13.1	2.6	0.002	0.19	0.06	0.2	1	<0.2	44.8	<0.05	<0.05	0.13	<0.005	0.04
557453		170	6.0	1.3	<0.002	0.27	0.11	0.6	1	<0.2	67.5	<0.05	<0.05	0.23	0.010	0.02
557454		330	1.9	2.1	<0.002	0.18	0.12	1.0	1	<0.2	39.4	0.09	<0.05	0.49	0.025	0.03
557455		280	1.2	3.0	<0.002	0.11	0.05	0.9	1	0.2	30.4	0.17	<0.05	0.62	0.040	0.04
557456		60	0.8	1.1	<0.002	0.01	0.05	0.2	1	<0.2	85.8	<0.05	<0.05	0.08	0.006	<0.02
557457		470	1.9	6.5	<0.002	0.14	0.07	1.9	1	0.3	34.2	0.20	<0.05	0.91	0.072	0.06
557458		450	1.6	1.4	<0.002	0.14	0.05	1.9	1	<0.2	26.4	0.18	<0.05	0.74	0.077	0.02
557459		590	2.0	1.7	<0.002	0.23	0.07	2.9	1	0.2	32.0	0.21	0.06	1.16	0.088	0.02
557460		500	1.3	1.2	<0.002	0.13	0.06	2.2	1	0.2	38.6	0.26	<0.05	0.78	0.109	<0.02

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CERTIFICAT D'ANALYSE VO18203590

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557441		14.3	200	1.0	10.9	989	144.5
557442		12.5	185	1.1	10.6	639	148.5
557443		12.9	191	1.1	12.1	1040	152.5
557444		11.4	157	0.9	9.2	690	120.5
557445		15.6	224	1.1	13.0	568	165.0
557446		17.5	269	1.0	13.9	1650	203
557447		15.2	249	1.2	16.1	644	249
557448		0.4	5	0.1	4.3	31	2.4
557449		0.7	152	3.4	21.9	107	155.0
557450		0.4	11	0.3	5.9	39	9.7
557451		0.3	11	0.1	5.8	29	2.8
557452		0.4	9	0.1	3.6	48	1.9
557453		0.2	22	0.1	4.4	41	5.1
557454		0.3	32	0.1	4.6	23	13.8
557455		0.3	32	0.2	5.3	9	15.9
557456		0.2	1	0.1	2.4	3	4.1
557457		0.5	59	0.4	6.4	13	24.9
557458		0.5	54	0.2	6.0	13	22.9
557459		0.8	86	0.2	6.8	17	32.4
557460		0.4	65	0.2	5.8	16	27.1

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Page: Annexe 1
Total # les pages d'annexe: 1
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CERTIFICAT D'ANALYSE VO18203590

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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www.alsglobal.com/geochemistry

À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18203599

Projet: Kan

Bon de commande #: KANDH18-078

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

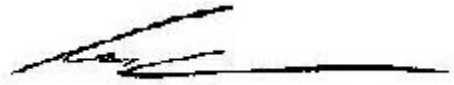
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 10-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203599

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557541		4.55	<0.001	0.05	7.22	3.0	10	0.39	0.02	3.90	0.11	9.13	50.1	164	0.25	158.0
557542		4.59	<0.001	0.03	7.24	14.0	10	0.32	0.01	5.09	0.09	7.65	60.2	152	0.17	129.0
557543		4.78	<0.001	0.04	6.69	37.9	10	0.21	0.01	5.70	0.07	6.58	62.6	105	0.12	138.0
557544		4.72	<0.001	0.04	6.26	32.6	<10	0.23	0.01	5.61	0.05	9.72	68.2	95	0.11	124.5
557545		4.90	<0.001	0.07	5.78	33.6	<10	0.26	0.01	5.78	0.19	6.89	83.6	112	0.15	203
557546		5.29	<0.001	0.07	5.93	8.3	<10	0.27	0.01	6.12	0.08	6.90	67.6	111	0.10	180.5
557547		4.99	<0.001	0.05	5.66	3.8	<10	0.24	0.01	5.80	0.06	5.72	68.3	113	0.12	120.5
557548		5.00	<0.001	0.05	7.11	4.4	<10	0.27	0.01	5.64	0.08	7.33	51.5	133	0.10	149.0
557549		0.07	0.666	0.22	7.26	21.3	340	1.32	0.13	4.54	0.19	44.1	41.6	195	1.84	56.9
557550		5.00	<0.001	0.03	7.45	2.9	<10	0.25	0.01	6.36	0.13	8.33	50.3	132	0.10	110.5
557551		4.94	<0.001	0.09	6.86	4.0	<10	0.26	0.01	6.95	0.23	8.10	47.9	123	0.11	179.5
557552		4.85	0.001	0.10	6.58	2.7	<10	0.27	0.01	6.90	0.70	7.82	44.3	124	0.08	167.5
557553		4.51	<0.001	0.06	6.58	20.0	50	0.30	0.01	6.54	0.32	8.67	45.3	128	0.11	172.5
557554		4.31	0.004	0.42	5.90	34.7	260	0.46	0.03	4.61	0.72	12.85	40.8	120	0.77	166.5
557555		3.65	0.025	0.86	4.74	41.3	220	0.69	0.31	2.16	8.51	28.5	35.5	88	2.00	242
557556		0.32	<0.001	0.01	0.10	<0.2	20	0.10	0.01	33.0	0.02	0.93	0.7	2	<0.05	2.4
557557		4.32	<0.001	0.31	7.13	12.4	260	0.44	0.07	6.45	0.72	11.70	40.4	149	1.66	150.5
557558		5.11	<0.001	0.31	5.31	23.7	100	0.45	0.08	6.01	0.93	9.72	34.4	110	0.64	174.5
557559		3.54	<0.001	0.55	5.90	37.8	90	0.78	0.08	5.63	0.25	16.65	25.3	119	0.86	170.5
557560		4.14	0.016	1.15	6.86	43.6	240	1.39	0.21	0.50	2.55	50.3	37.4	99	2.62	211

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 10-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203599

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557541		9.18	16.20	0.09	0.8	0.006	0.071	0.01	3.2	32.2	5.89	1220	0.30	1.61	3.1	109.5
557542		8.44	13.85	0.08	0.6	0.010	0.060	0.01	2.6	30.3	6.22	1340	0.16	2.21	2.5	224
557543		8.26	13.85	0.07	0.4	0.006	0.045	0.02	2.4	38.9	7.10	1320	0.31	1.75	2.5	393
557544		9.00	15.20	0.08	0.6	0.005	0.057	0.01	3.6	40.1	7.66	1400	0.31	1.05	3.5	432
557545		9.88	14.55	0.08	0.5	0.011	0.053	0.01	2.6	40.6	8.70	1620	0.12	0.67	2.5	484
557546		9.49	15.00	0.07	0.5	0.007	0.050	0.01	2.5	30.1	7.30	1580	0.20	0.88	2.7	367
557547		9.37	13.95	0.06	0.5	0.006	0.049	0.01	2.1	33.2	7.44	1600	0.13	0.76	2.1	387
557548		9.52	16.65	0.06	0.7	0.008	0.066	0.01	2.6	29.1	4.94	1380	0.21	0.35	2.7	157.0
557549		7.42	20.2	0.10	3.5	0.019	0.062	0.89	19.8	14.1	2.94	958	2.46	1.74	20.2	146.0
557550		9.71	18.10	0.05	0.8	0.010	0.090	0.02	3.1	26.5	4.96	1540	0.18	0.96	3.2	141.0
557551		9.11	16.80	0.06	0.6	<0.005	0.072	0.01	3.0	35.1	4.44	1440	0.70	0.44	3.0	132.5
557552		8.86	15.80	0.06	0.6	0.008	0.071	0.01	2.9	51.8	4.09	1340	0.25	0.89	2.8	117.0
557553		8.98	16.85	0.06	0.9	0.015	0.067	0.05	3.3	76.3	4.02	1320	0.36	0.97	1.7	109.0
557554		13.55	15.50	0.08	1.0	0.033	0.088	0.81	6.1	68.4	4.06	1420	2.63	0.41	0.9	126.5
557555		18.15	13.85	0.11	1.7	0.268	0.144	1.72	15.3	18.3	1.68	1060	16.55	0.21	2.8	128.5
557556		0.16	0.30	<0.05	0.2	<0.005	<0.005	0.01	1.1	1.1	1.37	95	0.06	0.04	0.2	0.7
557557		7.79	18.30	0.07	1.8	0.017	0.070	1.62	4.8	59.9	3.41	1260	0.99	0.89	1.3	102.5
557558		9.45	13.25	0.06	1.1	0.081	0.069	0.59	4.2	55.3	2.57	1350	3.27	1.09	0.8	99.4
557559		10.60	14.90	0.07	1.4	0.024	0.051	0.92	8.0	60.2	3.15	1660	4.62	1.05	1.6	114.5
557560		16.65	21.4	0.14	4.7	0.290	0.127	2.69	23.8	30.7	0.88	264	18.75	0.24	11.6	171.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 10-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203599

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557541		370	2.9	0.6	0.002	0.22	0.43	44.6	1	0.5	117.5	0.18	<0.05	0.25	0.664	0.05
557542		300	1.3	0.3	0.003	0.11	0.58	36.4	1	0.5	95.1	0.16	<0.05	0.18	0.537	0.02
557543		290	1.0	0.3	<0.002	0.07	1.04	25.8	<1	0.5	90.0	0.15	<0.05	0.19	0.403	0.02
557544		420	1.2	0.2	<0.002	0.08	1.49	19.8	<1	0.7	116.5	0.22	<0.05	0.25	0.486	<0.02
557545		280	1.2	0.2	<0.002	0.07	1.34	27.3	1	0.8	96.8	0.16	<0.05	0.20	0.440	<0.02
557546		290	1.7	0.1	<0.002	0.09	1.37	21.5	<1	0.4	141.0	0.17	<0.05	0.16	0.497	0.02
557547		270	1.5	0.1	<0.002	0.08	1.23	21.9	<1	0.3	109.5	0.13	0.05	0.15	0.458	<0.02
557548		340	2.7	0.1	0.002	0.33	1.75	40.9	<1	0.8	205	0.18	0.05	0.19	0.625	<0.02
557549		1160	15.1	31.0	<0.002	0.02	1.22	20.0	<1	1.7	359	1.21	<0.05	4.32	0.919	0.19
557550		390	4.2	0.2	0.002	0.21	1.89	44.6	<1	0.7	199.5	0.19	0.05	0.20	0.677	<0.02
557551		330	4.0	0.2	0.005	0.15	2.36	41.0	<1	0.8	201	0.19	<0.05	0.19	0.619	<0.02
557552		330	2.1	0.1	<0.002	0.11	1.24	39.5	<1	0.9	93.4	0.18	0.05	0.18	0.596	<0.02
557553		360	1.9	1.8	0.002	0.29	0.63	42.2	1	0.5	90.9	0.11	0.05	0.20	0.344	0.08
557554		300	6.4	20.8	0.003	4.55	1.56	32.4	3	0.9	62.3	0.06	0.37	0.72	0.104	1.36
557555		550	27.4	54.7	0.016	>10.0	7.00	17.4	6	2.4	41.9	0.17	1.23	2.96	0.101	2.98
557556		60	0.7	0.3	<0.002	0.02	0.19	0.3	1	<0.2	78.1	0.05	<0.05	0.05	0.006	<0.02
557557		440	11.1	47.8	0.002	2.40	2.85	43.7	1	1.1	127.0	0.08	0.19	0.34	0.253	2.26
557558		320	11.4	16.7	0.005	3.17	1.51	31.6	2	1.1	117.0	0.06	0.23	0.58	0.112	0.74
557559		420	11.8	26.7	0.005	3.63	2.29	33.8	2	1.0	139.5	0.09	0.21	1.11	0.142	1.13
557560		410	29.3	55.1	0.024	>10.0	4.49	15.9	4	2.2	34.5	0.68	0.69	4.28	0.243	4.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203599

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557541		0.1	337	0.2	17.2	89	36.3
557542		0.1	276	0.2	18.1	81	19.1
557543		0.1	194	0.2	14.9	84	12.1
557544		0.1	221	0.2	20.6	94	18.2
557545		<0.1	225	0.2	17.3	108	16.3
557546		0.1	261	0.3	17.5	100	12.6
557547		<0.1	258	0.2	15.0	113	12.0
557548		0.1	332	0.3	19.2	141	23.3
557549		1.1	150	2.1	18.6	132	135.0
557550		0.1	355	0.2	21.3	121	47.7
557551		0.1	324	0.2	20.4	134	18.4
557552		0.1	312	0.2	18.8	156	15.2
557553		0.1	314	0.1	19.6	175	25.5
557554		1.1	249	0.2	8.2	302	36.8
557555		8.9	249	0.6	10.1	1850	63.6
557556		0.2	2	<0.1	2.1	5	3.3
557557		0.3	335	0.3	5.4	203	61.6
557558		1.1	242	0.7	3.7	280	39.9
557559		1.6	268	1.7	6.3	124	46.8
557560		16.0	229	1.5	11.3	663	184.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 10-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203599

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 12-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18203602

Projet: Kan

Bon de commande #: KANDH18-077

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

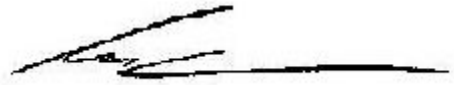
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS
ME-OG62	Teneur marchande éléments - quatre acides	ICP-AES
Zn-OG62	Teneur marchande Zn - quatre acides	

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 12-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203602

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557521		4.70	<0.001	0.07	5.03	109.0	<10	0.21	0.01	5.46	0.19	6.76	82.2	96	0.15	188.0
557522		4.70	<0.001	0.03	5.12	76.9	<10	0.19	0.01	5.16	0.09	5.50	70.1	93	0.20	56.4
557523		4.55	<0.001	0.07	5.05	107.0	<10	0.16	0.01	4.93	0.15	6.10	93.3	100	0.19	188.5
557524		4.57	0.003	0.07	4.95	77.5	<10	0.15	0.01	4.47	0.28	5.21	80.4	92	0.20	183.0
557525		4.60	<0.001	0.25	4.63	83.5	<10	0.20	0.01	5.56	0.59	5.68	74.5	81	0.16	161.0
557526		4.44	0.004	0.21	5.50	98.5	<10	0.19	0.01	4.63	0.33	6.57	87.2	92	0.18	174.0
557527		4.48	0.001	0.06	5.70	60.5	<10	0.19	0.01	4.87	0.11	6.48	62.2	100	0.16	149.0
557528		4.62	0.001	0.05	5.66	83.0	<10	0.17	0.01	5.27	0.12	6.15	62.0	97	0.16	139.5
557529		0.07	7.44	1.25	6.06	32.7	310	0.82	0.48	2.89	0.08	31.3	39.6	295	0.65	107.5
557530		4.43	0.002	0.06	5.76	81.9	<10	0.22	0.01	5.10	0.11	6.32	53.3	110	0.14	121.0
557531		4.46	<0.001	0.16	5.79	96.8	<10	0.15	0.01	5.23	0.14	6.00	49.6	104	0.11	109.5
557532		4.15	<0.001	0.39	5.83	27.8	360	0.41	0.02	5.11	0.53	6.91	49.1	105	0.51	106.0
557533		2.82	0.012	0.91	4.04	44.3	50	0.63	0.26	1.30	3.30	44.0	34.3	92	1.56	287
557534		4.62	0.064	3.04	5.20	126.0	60	1.07	0.49	0.22	122.0	38.8	37.5	85	2.57	194.5
557535		4.87	0.051	1.02	4.77	117.0	50	1.06	0.39	0.21	5.85	29.6	36.4	84	2.34	224
557536		0.33	<0.001	0.01	0.08	0.8	10	0.05	0.01	31.6	0.14	1.10	0.7	5	<0.05	2.2
557537		4.75	0.041	1.13	5.04	77.2	40	0.95	0.43	0.19	18.10	34.4	34.8	80	2.25	272
557538		2.22	0.009	0.87	4.95	29.7	40	0.79	0.20	0.98	1.64	42.3	42.8	113	1.97	371
557539		4.04	<0.001	0.08	6.84	31.6	200	0.35	0.01	4.09	0.23	9.02	50.4	138	0.48	123.5
557540		4.70	<0.001	0.06	7.04	5.4	10	0.30	0.01	2.91	0.15	10.25	44.9	128	0.15	153.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 12-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203602

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557521		8.44	11.95	<0.05	0.6	0.005	0.056	0.01	2.4	31.3	7.25	1500	0.26	0.12	0.9	384
557522		8.82	11.30	<0.05	0.7	<0.005	0.043	<0.01	2.0	21.1	8.20	1400	0.22	0.01	0.7	435
557523		9.13	11.00	<0.05	0.6	0.005	0.052	<0.01	2.2	11.0	8.68	1380	0.20	0.01	1.5	501
557524		9.01	11.05	<0.05	0.6	0.005	0.046	<0.01	1.8	10.0	8.57	1330	0.14	0.01	1.5	488
557525		8.64	10.25	<0.05	0.6	0.008	0.045	<0.01	2.0	10.8	8.10	1620	0.51	0.01	1.1	430
557526		9.45	12.40	<0.05	0.6	<0.005	0.051	<0.01	2.3	22.7	8.31	1570	0.28	0.04	0.9	432
557527		8.59	12.65	<0.05	0.6	0.008	0.053	<0.01	2.3	27.7	6.55	1340	0.46	0.77	0.7	321
557528		8.68	12.80	<0.05	0.7	0.007	0.051	0.01	2.2	29.2	6.76	1420	0.23	1.05	0.7	305
557529		5.42	15.10	<0.05	2.4	0.157	0.047	1.03	14.8	14.7	3.89	718	6.34	1.16	15.7	242
557530		8.87	13.45	<0.05	0.8	0.006	0.049	0.01	2.2	33.6	6.69	1460	0.25	1.09	0.7	315
557531		8.55	12.10	0.05	0.6	<0.005	0.050	0.01	2.1	34.5	6.32	1420	0.19	0.97	0.6	259
557532		8.75	12.60	<0.05	0.8	0.007	0.050	0.68	2.7	46.4	6.01	1550	0.61	0.83	0.6	242
557533		20.7	12.35	0.20	1.9	0.133	0.153	1.14	23.7	18.0	1.87	991	18.60	0.36	5.0	135.0
557534		19.05	15.55	0.12	2.3	0.395	0.381	1.99	20.5	22.8	1.10	261	24.7	0.14	7.1	148.5
557535		21.0	15.25	0.11	2.3	0.353	0.160	1.87	13.5	21.8	1.07	263	22.3	0.18	7.6	129.5
557536		0.23	0.28	<0.05	<0.1	<0.005	<0.005	0.02	1.2	1.1	1.23	80	0.38	0.02	0.2	1.2
557537		22.4	15.05	0.10	2.6	0.262	0.199	1.86	17.8	20.6	1.01	202	21.7	0.26	6.9	151.5
557538		20.7	14.75	0.11	2.1	0.044	0.080	1.67	21.8	21.4	1.98	605	23.1	0.13	5.2	143.5
557539		9.49	16.55	<0.05	1.0	0.006	0.079	0.51	3.3	39.1	4.01	1170	0.37	1.58	1.1	80.7
557540		9.59	16.65	0.05	1.2	0.008	0.074	0.01	3.8	38.2	5.76	987	0.41	1.29	2.2	86.3

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Projet: Kan

CERTIFICAT D'ANALYSE VO18203602

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557521		250	1.1	0.2	0.002	0.05	0.34	25.9	1	0.2	61.2	0.06	0.08	0.18	0.181	<0.02
557522		240	1.2	0.1	<0.002	0.05	0.25	23.5	<1	0.2	70.9	0.05	0.07	0.15	0.137	<0.02
557523		220	1.5	0.1	0.002	0.12	0.28	24.2	1	0.4	75.1	0.09	0.08	0.16	0.360	0.02
557524		210	1.4	0.1	<0.002	0.12	0.32	23.8	1	0.4	67.2	0.10	<0.05	0.13	0.363	0.02
557525		230	1.8	0.1	<0.002	0.10	0.24	22.1	1	0.3	87.0	0.07	<0.05	0.13	0.305	0.02
557526		260	1.6	0.3	<0.002	0.09	0.30	26.4	<1	0.3	70.8	0.06	<0.05	0.18	0.215	0.02
557527		270	1.8	0.1	<0.002	0.14	0.37	27.7	1	0.2	82.8	0.05	<0.05	0.17	0.154	0.02
557528		250	1.6	0.1	0.002	0.07	0.21	27.5	<1	0.2	90.9	0.05	<0.05	0.16	0.151	<0.02
557529		1070	9.6	37.7	<0.002	0.08	0.80	17.7	1	1.0	276	0.89	0.24	2.57	0.651	0.20
557530		240	1.7	0.1	0.002	0.09	0.22	25.7	<1	0.2	86.6	0.05	<0.05	0.16	0.160	0.03
557531		290	1.3	0.2	0.002	0.13	0.27	29.4	1	0.2	64.2	<0.05	0.05	0.15	0.144	0.02
557532		240	2.1	18.5	0.002	1.77	0.31	31.4	1	0.5	86.6	<0.05	0.15	0.18	0.136	0.87
557533		560	19.8	42.6	0.015	>10.0	4.19	8.8	10	3.6	40.0	0.37	1.01	3.92	0.109	2.10
557534		310	136.5	75.4	0.026	>10.0	17.85	10.6	6	3.5	16.6	0.46	1.98	5.27	0.147	4.40
557535		320	70.8	57.5	0.023	>10.0	13.80	9.9	7	3.3	18.4	0.47	1.46	3.89	0.145	4.17
557536		60	0.8	0.6	<0.002	0.09	0.20	0.2	1	<0.2	78.2	<0.05	<0.05	0.10	0.005	0.03
557537		260	59.9	65.5	0.018	>10.0	11.35	9.3	7	3.1	17.8	0.47	1.73	4.96	0.117	3.76
557538		310	21.6	56.6	0.015	>10.0	3.48	12.4	10	2.5	37.1	0.30	0.96	4.18	0.139	2.66
557539		390	2.1	15.8	<0.002	0.82	0.44	44.7	1	0.5	74.0	0.08	0.13	0.25	0.232	0.77
557540		430	1.5	0.3	<0.002	0.22	0.42	45.3	1	0.5	82.0	0.15	0.05	0.28	0.522	0.03

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Finalisée date: 12-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203602

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Zn-OG62 Zn % 0.001
557521		0.1	214	0.1	3.4	84	26.9	
557522		<0.1	196	0.2	3.1	86	23.8	
557523		<0.1	201	0.1	3.2	88	18.4	
557524		<0.1	200	0.1	3.2	107	18.7	
557525		0.1	192	0.2	3.7	173	21.1	
557526		0.1	223	0.1	4.7	137	22.5	
557527		<0.1	225	0.1	4.2	83	24.2	
557528		<0.1	231	0.1	3.6	90	25.9	
557529		0.6	141	9.1	14.0	80	99.4	
557530		0.1	238	0.1	3.7	90	23.7	
557531		0.1	249	0.5	4.7	103	25.1	
557532		0.3	231	0.6	5.7	177	26.9	
557533		6.1	125	1.0	8.8	890	70.0	
557534		11.8	226	1.2	11.9	>10000	88.4	1.820
557535		10.4	190	1.0	9.9	1210	91.2	
557536		0.2	2	<0.1	2.1	24	1.8	
557537		10.6	200	0.9	10.6	3370	101.5	
557538		6.6	153	0.8	8.2	412	82.4	
557539		0.1	344	0.1	6.3	160	37.7	
557540		0.1	368	0.2	6.8	114	48.0	

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 12-SEPT-2018
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CERTIFICAT D'ANALYSE VO18203602

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au-ICP21	Hg-MS42	ME-MS61	ME-OG62
	Zn-OG62			

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Finalisée date: 11-SEPT-2018
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CERTIFICAT VO18203604

Projet: Kan

Bon de commande #: KANDH18-079

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

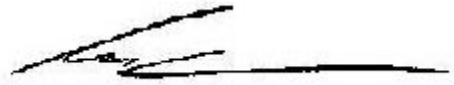
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18203604

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557561		4.69	0.004	0.48	9.56	28.0	320	1.82	0.07	0.69	2.85	69.7	12.2	114	3.68	140.0
557562		4.84	0.011	1.05	8.80	15.3	290	2.29	0.13	0.67	3.92	57.3	16.9	119	4.24	205
557563		4.94	0.032	1.84	5.56	45.1	60	1.28	0.30	1.46	9.23	57.8	30.1	76	2.52	277
557564		4.60	0.007	0.75	8.32	27.6	230	1.56	0.12	0.61	3.34	73.5	17.0	108	3.72	135.0
557565		4.87	0.005	0.63	8.13	44.2	140	1.46	0.19	1.21	3.30	84.3	27.0	94	3.80	148.5
557566		4.99	0.004	0.45	7.58	27.7	180	1.48	0.08	0.72	2.24	57.8	17.5	96	3.47	151.0
557567		5.07	0.037	1.28	8.10	61.7	90	1.80	0.20	1.09	6.31	81.9	19.9	101	4.16	164.5
557568		4.65	0.021	1.07	7.99	60.2	120	1.80	0.15	1.16	5.62	63.0	19.3	101	4.10	149.0
557569		0.07	2.54	0.46	6.86	11.1	320	1.22	0.18	4.80	0.09	44.1	52.5	321	0.68	81.6
557570		4.30	0.007	0.76	10.20	44.5	300	2.35	0.14	0.74	3.30	76.6	21.0	122	4.83	92.7
557571		4.19	<0.001	0.64	9.00	29.6	290	2.52	0.06	0.89	3.09	80.8	16.7	117	4.28	100.5
557572		4.70	0.024	2.35	6.37	41.4	70	1.82	0.30	1.08	8.79	56.6	20.8	90	3.62	244
557573		4.69	0.012	1.06	8.69	55.4	240	2.17	0.29	0.91	4.13	64.0	25.5	104	4.02	111.0
557574		4.47	0.017	0.57	8.83	26.5	280	2.56	0.07	1.06	3.34	76.5	13.9	107	4.10	187.0
557575		4.51	0.013	1.70	7.34	18.2	170	2.56	0.37	0.60	11.55	61.5	15.3	97	3.92	174.5
557576		0.34	<0.001	0.01	0.18	<0.2	20	0.09	0.01	34.4	0.04	1.16	0.8	2	0.05	1.9
557577		4.06	0.023	3.42	3.73	13.2	110	1.24	0.78	0.74	22.6	44.1	18.0	70	2.54	237
557578		4.48	0.008	1.09	8.53	39.5	210	2.28	0.35	0.95	5.03	64.6	29.4	90	4.43	107.0
557579		4.50	0.011	1.23	9.31	47.1	240	2.02	0.30	0.38	3.65	62.4	25.5	107	4.43	88.8
557580		4.79	0.038	1.94	6.82	112.5	60	1.61	0.29	1.73	7.23	52.5	19.1	73	3.61	108.5

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203604

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557561		10.70	25.7	0.16	7.2	0.169	0.145	3.80	33.4	49.9	1.52	451	7.32	0.28	21.9	123.0
557562		13.75	23.2	0.15	4.8	0.207	0.118	3.70	28.8	29.5	0.96	624	24.1	0.22	17.4	163.0
557563		19.75	14.35	0.15	3.5	0.547	0.157	1.87	32.6	27.4	1.17	1320	59.2	0.21	8.9	236
557564		11.15	21.2	0.14	5.2	0.250	0.112	3.08	40.0	35.8	1.02	446	16.75	0.30	17.2	127.0
557565		11.05	21.6	0.14	8.7	0.285	0.095	3.12	44.3	21.8	1.00	470	13.40	0.35	43.8	119.5
557566		9.94	19.20	0.11	4.4	0.174	0.084	2.92	32.1	25.4	0.83	329	8.97	0.25	16.4	127.5
557567		12.95	22.3	0.16	7.7	0.478	0.114	3.03	43.7	30.0	1.10	581	35.3	0.33	34.7	172.5
557568		11.90	20.5	0.14	3.8	0.445	0.101	3.04	36.0	26.9	1.01	550	31.2	0.37	11.3	158.0
557569		7.45	17.70	0.10	3.4	0.059	0.058	1.00	21.9	9.1	5.51	1020	3.16	1.99	29.9	347
557570		9.70	25.9	0.14	6.9	0.329	0.090	4.21	40.2	35.5	1.07	399	15.20	0.31	29.0	109.0
557571		8.68	22.4	0.16	5.0	0.191	0.082	3.58	44.4	34.6	1.12	566	11.80	0.24	16.2	98.0
557572		14.95	15.70	0.14	3.2	0.585	0.088	2.47	33.9	20.0	0.89	627	79.4	0.20	7.9	238
557573		11.20	22.2	0.13	4.5	0.378	0.094	3.39	35.7	30.1	1.02	391	22.7	0.29	16.4	133.5
557574		9.97	22.4	0.15	6.2	0.168	0.091	3.62	41.7	24.5	0.98	479	10.20	0.26	21.2	156.5
557575		10.40	19.05	0.12	4.3	0.474	0.091	2.94	35.1	21.2	0.73	369	51.6	0.23	13.0	175.5
557576		0.18	0.46	0.11	0.1	<0.005	<0.005	0.04	1.2	1.1	1.35	94	0.24	0.06	0.3	1.9
557577		14.30	8.74	0.11	1.5	0.734	0.093	1.16	28.8	11.3	0.68	339	136.0	0.15	4.4	259
557578		9.99	20.9	0.12	3.4	0.352	0.078	3.76	37.1	21.1	0.94	376	13.90	0.34	9.4	131.5
557579		8.97	22.1	0.13	3.9	0.389	0.086	3.95	35.6	17.2	0.60	155	10.95	0.61	10.9	114.0
557580		13.60	16.75	0.13	2.5	0.909	0.076	2.99	30.5	16.8	1.14	486	21.5	0.20	8.2	147.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203604

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557561		690	16.2	83.0	0.009	5.98	1.47	26.9	3	3.0	45.2	1.32	0.26	3.98	0.601	4.81
557562		560	23.3	89.9	0.022	7.39	2.55	18.4	8	2.7	42.5	1.04	0.27	5.35	0.371	5.14
557563		1120	48.5	59.2	0.056	>10.0	6.17	12.1	13	1.8	50.8	0.60	0.63	4.55	0.170	3.09
557564		590	21.2	85.1	0.012	6.62	2.05	20.3	6	2.5	54.6	0.98	0.24	5.53	0.414	4.26
557565		450	23.9	85.1	0.016	8.19	3.14	15.4	5	3.1	67.5	2.75	0.26	8.81	0.352	4.16
557566		400	11.6	77.8	0.007	6.18	1.39	16.4	5	2.3	54.7	0.92	0.15	4.79	0.324	3.90
557567		530	31.0	86.8	0.025	9.30	4.95	16.2	9	2.9	63.2	2.10	0.39	7.85	0.321	4.56
557568		480	27.4	86.5	0.027	8.66	3.91	17.0	8	2.1	66.2	0.65	0.34	5.47	0.287	4.66
557569		1870	5.1	30.8	<0.002	0.05	0.42	20.7	1	1.3	480	1.66	0.08	2.79	1.055	0.08
557570		490	21.2	105.5	0.016	6.44	3.70	20.5	5	3.0	64.0	1.63	0.26	7.18	0.473	5.75
557571		360	12.9	97.4	0.009	4.86	2.00	18.9	6	2.3	57.3	0.98	0.13	6.46	0.394	5.20
557572		700	55.9	77.8	0.055	9.96	7.03	13.7	13	1.8	58.9	0.47	0.34	4.84	0.195	4.20
557573		450	28.2	89.8	0.023	8.13	4.81	18.2	5	2.2	56.4	0.97	0.52	5.78	0.375	4.94
557574		360	9.5	97.3	0.010	5.99	1.04	17.9	5	2.6	63.3	1.30	0.15	7.09	0.334	5.09
557575		600	24.9	89.0	0.043	6.02	4.66	16.4	9	2.3	52.9	0.81	0.33	5.44	0.277	4.91
557576		60	0.5	1.0	<0.002	0.03	0.13	0.4	1	<0.2	84.8	<0.05	<0.05	0.12	0.013	0.06
557577		1010	49.7	46.1	0.099	8.34	7.74	7.2	13	1.4	52.4	0.30	0.57	4.32	0.095	2.70
557578		250	26.1	102.5	0.014	6.78	3.91	16.1	5	2.1	48.6	0.53	0.54	5.10	0.300	5.97
557579		230	35.8	110.0	0.010	7.00	5.70	15.0	4	2.0	51.9	0.67	0.47	5.30	0.312	6.33
557580		290	62.9	83.1	0.029	>10.0	9.05	11.2	7	1.5	50.8	0.51	0.71	4.59	0.181	5.66

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203604

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557561		12.4	173	2.2	16.7	633	277
557562		17.3	312	2.7	12.9	731	184.5
557563		28.1	547	2.0	18.8	1680	136.0
557564		13.3	262	2.2	14.8	720	197.0
557565		11.9	186	1.6	20.1	708	331
557566		9.3	138	1.5	11.1	465	169.5
557567		19.9	370	2.2	20.8	1110	284
557568		17.3	307	2.0	13.6	970	142.5
557569		0.7	148	3.3	21.1	105	141.0
557570		12.9	218	2.4	15.4	638	262
557571		11.0	228	2.5	13.2	564	189.5
557572		39.6	678	2.9	19.2	1440	125.5
557573		16.7	268	2.1	13.7	750	172.0
557574		10.6	147	1.8	14.6	540	235
557575		29.1	498	3.1	17.6	1500	160.0
557576		0.3	5	0.1	2.3	9	4.1
557577		72.2	1280	4.1	20.0	2350	62.3
557578		13.1	204	2.1	10.7	585	132.0
557579		11.2	175	1.9	11.8	523	145.5
557580		15.2	264	1.5	10.1	1230	94.8

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 11-SEPT-2018
Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18203604

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18203680

Projet: Kan

Bon de commande #: KANDH18-074

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

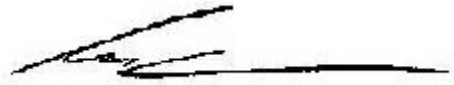
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18203680

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557461		3.05	0.009	0.39	3.10	1.7	110	1.15	0.22	0.77	0.23	22.8	33.2	85	1.48	65.1
557462		4.17	0.001	0.17	7.93	1.7	500	2.78	0.16	0.25	0.30	57.5	17.8	96	4.95	28.4
557463		4.49	0.002	0.47	8.13	1.2	490	2.68	0.44	0.26	0.71	60.0	21.5	99	5.86	39.0
557464		4.64	0.001	0.17	8.11	0.5	470	3.38	0.18	0.18	0.13	61.4	17.5	103	6.02	32.4
557465		4.06	0.004	0.25	7.95	0.4	420	2.76	0.38	0.22	0.45	61.3	20.3	99	5.88	47.9
557466		4.52	0.001	0.13	8.77	1.0	420	2.39	0.15	0.20	0.29	64.5	18.8	105	5.64	37.3
557467		4.75	<0.001	0.27	7.12	3.9	360	2.03	0.31	0.35	1.24	55.9	18.3	84	4.41	25.1
557468		4.72	0.001	0.10	6.76	0.3	380	2.17	0.09	0.39	0.26	51.4	15.5	80	3.95	19.5
557469		0.07	7.58	1.26	6.16	32.4	310	0.98	0.50	2.97	0.08	29.0	40.4	327	0.62	112.0
557470		4.76	0.001	0.10	6.16	0.5	350	1.98	0.10	0.48	0.29	48.6	14.4	72	3.66	17.5
557471		4.83	<0.001	0.08	7.04	1.7	390	2.12	0.08	0.35	0.23	52.8	16.1	84	3.90	18.1
557472		4.46	<0.001	0.11	8.66	0.8	470	2.68	0.10	0.20	0.23	61.1	23.0	107	5.02	41.6
557473		4.68	0.001	0.96	7.75	0.6	420	2.51	0.65	0.13	0.80	58.8	19.6	101	5.30	48.3
557474		4.58	<0.001	0.10	7.61	0.5	380	2.11	0.12	0.19	0.24	56.5	15.9	91	3.92	23.3
557475		4.64	<0.001	0.09	8.63	1.5	460	2.22	0.09	0.14	0.39	59.0	17.3	105	4.88	32.3
557476		0.35	<0.001	<0.01	0.11	<0.2	20	0.06	0.01	35.5	0.02	1.18	0.8	1	<0.05	1.8
557477		4.51	<0.001	0.14	8.57	4.1	460	2.09	0.14	0.22	0.51	59.8	17.4	102	5.09	34.2
557478		4.83	<0.001	0.10	6.82	0.6	390	1.75	0.14	0.48	0.24	50.7	15.1	80	3.72	19.2
557479		4.46	0.002	0.13	8.52	0.2	490	2.12	0.18	0.25	0.18	57.1	16.3	98	5.27	23.5
557480		4.48	0.001	0.17	9.85	0.9	570	2.67	0.22	0.22	0.12	65.3	19.8	109	7.75	34.4

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CERTIFICAT D'ANALYSE VO18203680

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557461		20.8	10.95	0.07	1.2	<0.005	0.026	0.91	11.6	20.1	2.44	14750	9.89	0.02	8.9	68.0
557462		9.54	19.70	0.11	1.9	0.007	0.046	3.91	29.6	35.5	1.52	5270	1.15	0.07	7.4	41.6
557463		8.24	20.7	0.10	2.1	<0.005	0.048	4.44	30.1	30.8	1.16	7540	1.36	0.07	7.8	47.2
557464		9.48	19.75	0.10	2.0	<0.005	0.047	3.85	30.8	44.6	1.63	2000	1.80	0.06	9.4	42.7
557465		9.53	20.9	0.12	2.1	<0.005	0.050	4.35	31.3	39.3	1.46	6130	3.18	0.25	9.4	47.7
557466		7.67	21.9	0.11	2.3	<0.005	0.050	4.68	31.8	35.1	1.10	9980	0.98	0.35	8.4	44.8
557467		10.80	18.35	0.15	2.1	<0.005	0.045	3.51	28.6	29.5	1.36	11850	0.84	0.65	7.6	35.7
557468		10.95	16.75	0.13	2.0	<0.005	0.036	3.35	26.2	27.8	1.39	12050	1.28	0.64	6.8	31.5
557469		5.57	13.95	0.10	2.3	0.165	0.046	1.08	14.2	15.8	4.02	751	5.93	1.21	15.4	249
557470		11.20	15.95	0.14	1.8	<0.005	0.034	3.09	25.4	27.2	1.40	12200	1.19	0.52	6.3	29.2
557471		10.80	17.40	0.15	2.0	<0.005	0.038	3.46	26.8	31.1	1.38	11350	1.18	0.68	6.9	33.5
557472		8.77	21.4	0.16	2.2	<0.005	0.049	4.71	30.8	46.1	1.22	4980	1.00	0.34	8.4	59.0
557473		9.26	19.75	0.16	2.1	0.014	0.041	4.27	30.0	48.8	1.46	3060	5.00	0.14	8.4	43.9
557474		9.37	18.60	0.16	2.2	<0.005	0.048	3.79	27.9	35.9	1.26	7960	0.75	0.83	7.6	37.1
557475		7.13	20.4	0.16	2.3	<0.005	0.049	4.59	29.6	44.6	1.06	4290	0.87	0.45	7.9	43.2
557476		0.14	0.35	0.16	0.1	<0.005	<0.005	0.03	1.2	1.3	1.40	111	<0.05	0.03	0.2	1.0
557477		7.82	19.85	0.13	2.4	<0.005	0.049	4.63	29.4	40.6	1.17	5150	0.73	0.46	7.9	40.1
557478		12.20	16.70	0.16	1.9	<0.005	0.036	3.45	25.6	31.9	1.53	14000	0.81	0.66	6.6	30.8
557479		7.49	19.85	0.15	2.3	<0.005	0.043	4.61	28.8	46.6	1.21	4830	1.14	0.55	8.3	37.3
557480		6.09	23.4	0.19	2.9	<0.005	0.055	5.39	32.5	67.1	1.14	1700	1.63	0.63	9.3	45.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203680

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557461		480	11.6	37.8	0.010	2.92	0.58	8.8	3	0.5	66.0	0.53	0.17	2.40	0.254	0.25
557462		390	5.9	148.5	0.003	1.00	0.30	11.8	1	1.4	44.6	0.56	0.09	8.94	0.262	0.84
557463		300	145.5	168.5	0.004	1.33	0.42	12.4	2	1.5	46.6	0.60	0.15	9.12	0.275	0.81
557464		350	7.4	157.5	0.004	0.99	0.30	12.3	1	1.5	44.1	0.67	0.09	8.88	0.305	0.85
557465		390	13.1	171.5	0.003	1.24	0.31	12.8	2	1.4	57.1	0.63	0.09	8.89	0.282	0.65
557466		280	8.7	180.0	0.002	0.69	0.24	13.1	2	1.5	51.0	0.66	<0.05	10.35	0.307	0.65
557467		310	158.0	139.5	<0.002	0.41	0.33	10.3	1	1.3	69.5	0.59	0.07	8.87	0.261	0.49
557468		380	12.6	128.0	0.002	0.40	0.21	9.8	<1	1.2	74.5	0.52	<0.05	7.97	0.246	0.39
557469		1110	9.4	35.7	<0.002	0.08	0.82	18.7	1	1.0	281	0.91	0.24	2.35	0.671	0.19
557470		370	11.8	122.0	0.002	0.33	0.19	9.2	1	1.0	81.4	0.49	0.07	7.54	0.220	0.40
557471		300	9.1	136.5	<0.002	0.33	0.20	10.1	<1	1.2	71.4	0.55	<0.05	8.53	0.254	0.47
557472		270	6.0	173.0	0.002	0.93	0.23	12.5	1	1.5	57.1	0.63	0.05	9.91	0.299	0.67
557473		220	7.4	163.5	0.005	0.94	0.26	11.8	1	1.4	46.5	0.64	0.60	9.16	0.286	0.61
557474		240	10.3	141.0	0.002	0.40	0.20	11.0	1	1.4	61.2	0.60	<0.05	9.08	0.277	0.51
557475		240	10.5	167.0	0.004	0.45	0.22	12.2	1	1.4	49.7	0.62	<0.05	9.87	0.304	0.56
557476		80	<0.5	1.1	<0.002	0.01	0.11	0.2	<1	<0.2	90.4	<0.05	<0.05	0.12	0.006	<0.02
557477		230	25.4	167.5	0.003	0.47	0.23	11.4	2	1.5	53.6	0.63	0.05	10.10	0.305	0.58
557478		390	12.1	128.5	<0.002	0.36	0.18	9.5	1	1.1	87.2	0.50	0.05	7.77	0.246	0.41
557479		240	7.7	172.5	0.002	0.69	0.25	11.5	1	1.4	69.6	0.66	<0.05	9.43	0.311	0.60
557480		180	14.7	213	0.003	0.69	0.27	13.5	1	1.7	76.4	0.72	0.05	11.20	0.345	0.80

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Finalisée date: 11-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203680

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557461		4.8	217	0.4	6.1	128	50.1
557462		3.3	148	1.6	6.5	142	71.3
557463		3.4	160	1.9	6.6	140	73.7
557464		3.9	171	1.4	7.0	147	72.2
557465		4.2	186	1.6	6.7	128	78.5
557466		2.9	144	1.8	6.1	101	84.4
557467		2.1	93	1.4	5.9	145	78.3
557468		2.0	92	1.3	5.6	90	70.9
557469		0.6	145	8.4	13.6	84	93.3
557470		1.9	95	1.2	5.4	86	65.3
557471		2.0	96	1.3	5.6	94	71.6
557472		3.1	146	1.6	5.5	123	80.0
557473		3.8	160	1.4	5.4	216	73.8
557474		2.0	103	1.3	5.8	95	78.3
557475		2.0	149	1.5	5.3	109	82.0
557476		0.1	2	0.1	2.1	3	2.0
557477		2.1	131	1.5	5.2	152	81.8
557478		1.9	95	1.2	6.1	104	67.1
557479		2.8	123	1.3	6.1	93	84.4
557480		3.4	141	1.4	6.4	112	105.5

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CERTIFICAT D'ANALYSE VO18203680

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 8-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18203682

Projet: Kan

Bon de commande #: KANDH18-075

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

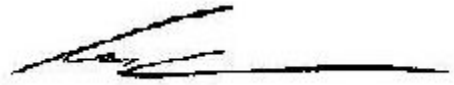
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 8-SEPT-2018
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CERTIFICAT D'ANALYSE VO18203682

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557481		4.57	<0.001	0.08	6.61	0.9	380	1.76	0.07	0.34	0.17	46.3	14.3	79	4.96	18.4
557482		4.58	<0.001	0.10	7.85	3.0	430	2.08	0.12	0.23	0.16	58.7	17.7	94	13.30	22.6
557483		4.60	<0.001	0.19	6.62	3.1	370	1.85	0.23	0.35	0.20	50.9	15.7	79	5.18	18.7
557484		3.62	0.001	0.13	5.54	0.5	280	2.81	0.11	0.48	0.18	40.4	17.5	74	15.80	30.1
557485		4.16	0.002	0.20	8.16	0.3	430	3.77	0.24	0.11	0.02	57.9	22.2	100	9.60	46.2
557486		4.45	<0.001	0.13	8.86	<0.2	490	2.89	0.18	0.09	0.18	64.3	21.8	104	14.75	48.8
557487		4.71	<0.001	0.09	8.79	3.3	470	2.72	0.14	0.13	0.47	63.3	19.7	102	7.07	29.2
557488		4.79	<0.001	0.04	8.43	1.4	440	2.50	0.04	0.21	0.16	61.0	19.8	97	13.35	27.3
557489		0.07	0.652	0.17	7.28	20.2	340	1.84	0.11	4.48	0.19	46.8	46.6	189	1.89	58.3
557490		4.87	<0.001	0.12	7.44	0.3	410	2.74	0.13	0.35	0.13	51.3	20.5	86	4.72	28.8
557491		4.65	<0.001	0.11	7.86	1.3	440	2.74	0.15	0.25	0.13	56.3	18.1	91	6.74	22.3
557492		4.98	<0.001	0.02	6.43	0.3	340	2.05	<0.01	0.67	0.26	47.4	14.6	74	7.65	22.1
557493		4.63	<0.001	0.03	6.43	0.4	340	2.26	0.04	0.40	0.17	47.3	14.9	74	7.13	28.8
557494		4.58	<0.001	0.10	8.20	2.7	440	2.44	0.24	0.23	0.12	57.9	19.3	95	12.05	36.1
557495		4.80	<0.001	0.17	7.12	2.1	390	2.09	0.28	0.36	0.23	53.3	18.3	82	7.52	34.2
557496		0.35	<0.001	<0.01	0.15	0.3	20	0.16	<0.01	34.3	<0.02	1.22	0.8	2	0.08	1.8
557497		4.54	<0.001	0.05	5.80	0.4	340	2.21	0.08	0.51	0.15	42.9	16.6	70	4.13	19.1
557498		4.56	<0.001	0.04	6.56	<0.2	380	2.51	0.07	0.48	0.15	48.1	17.2	76	4.83	18.2
557499		4.67	<0.001	0.06	6.64	0.2	380	2.21	0.10	0.43	0.16	51.3	17.3	77	4.79	20.9
557500		5.06	<0.001	0.17	7.13	0.5	410	2.00	0.24	0.33	0.16	53.1	19.4	82	5.00	23.6

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Finalisée date: 8-SEPT-2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18203682

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557481		10.45	17.60	0.10	1.7	<0.005	0.036	3.32	23.9	36.2	1.38	12050	0.89	0.71	6.9	31.7
557482		8.54	21.8	0.14	2.2	<0.005	0.047	4.30	29.3	63.6	1.29	7170	0.46	0.48	9.5	40.9
557483		10.30	18.65	0.12	1.8	<0.005	0.037	3.47	26.0	47.2	1.35	12750	0.49	0.55	7.2	33.6
557484		10.25	16.45	0.08	1.6	<0.005	0.038	3.03	20.6	53.4	1.51	5430	0.72	0.09	8.7	40.7
557485		9.00	22.4	0.11	2.2	<0.005	0.051	3.71	29.2	79.0	1.56	522	1.09	0.04	9.2	48.8
557486		7.61	23.8	0.12	2.6	<0.005	0.048	4.82	31.9	75.9	1.19	1500	0.66	0.17	9.0	48.4
557487		7.11	23.3	0.10	2.7	<0.005	0.051	4.58	31.0	54.2	1.09	5010	0.39	0.60	9.0	43.5
557488		7.83	22.6	0.10	2.5	<0.005	0.044	4.37	29.9	57.1	1.15	4900	0.71	0.74	8.9	44.5
557489		7.33	20.3	0.08	3.9	0.025	0.067	0.89	20.9	15.9	2.90	957	2.27	1.72	19.8	145.0
557490		10.60	20.3	0.09	2.2	<0.005	0.044	3.72	26.3	44.5	1.31	14100	0.80	0.74	8.3	38.8
557491		8.75	20.9	0.10	2.3	<0.005	0.042	4.10	28.3	51.2	1.17	9500	0.74	0.55	9.2	36.8
557492		11.25	17.85	0.09	2.0	<0.005	0.040	3.27	23.5	44.1	1.33	11400	0.87	0.59	6.9	32.9
557493		11.05	17.95	0.09	2.0	<0.005	0.039	3.21	23.1	43.0	1.28	11300	0.83	0.68	6.8	32.0
557494		6.92	22.1	0.10	2.4	<0.005	0.045	4.29	28.1	57.4	1.06	3580	0.77	0.60	8.5	40.7
557495		10.00	19.70	0.11	2.3	<0.005	0.038	3.65	26.5	47.2	1.26	9810	1.47	0.60	7.7	35.7
557496		0.16	0.42	<0.05	0.1	<0.005	<0.005	0.03	1.2	1.6	1.55	136	<0.05	0.06	0.2	1.2
557497		11.90	16.20	0.09	1.7	<0.005	0.031	2.86	21.7	33.6	1.38	14100	0.80	0.57	6.2	30.0
557498		11.35	18.40	0.10	2.0	<0.005	0.045	3.15	24.8	36.3	1.41	13550	1.55	0.71	6.9	33.1
557499		10.30	18.35	0.09	2.0	<0.005	0.039	3.21	26.2	38.4	1.38	11750	0.91	0.66	7.0	33.1
557500		10.35	19.30	0.09	2.2	<0.005	0.040	3.53	27.0	38.0	1.45	12700	1.16	0.64	7.5	36.6

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CERTIFICAT D'ANALYSE VO18203682

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557481		310	4.8	131.0	0.003	0.36	0.67	9.6	<1	1.2	68.0	0.51	<0.05	7.36	0.242	0.46
557482		190	21.5	204	<0.002	0.33	0.47	12.0	1	1.5	56.8	0.72	<0.05	9.52	0.291	0.87
557483		270	42.0	136.0	<0.002	0.36	2.70	10.1	1	1.2	67.0	0.55	<0.05	8.10	0.241	0.41
557484		550	9.3	173.0	0.002	0.83	0.20	9.5	2	1.0	75.0	0.56	<0.05	6.13	0.224	0.96
557485		240	14.5	166.5	0.005	1.12	0.17	13.3	2	1.4	40.7	0.66	0.09	9.29	0.302	0.76
557486		260	7.8	226	0.002	0.89	0.11	13.9	2	1.5	44.1	0.68	0.06	10.60	0.320	1.03
557487		270	15.2	185.5	0.002	0.29	0.06	13.3	1	1.5	56.7	0.67	<0.05	10.70	0.322	0.63
557488		280	6.2	206	0.002	0.26	<0.05	12.5	1	1.5	64.4	0.65	<0.05	10.10	0.312	0.88
557489		1140	13.5	38.9	<0.002	0.02	0.89	19.8	1	1.7	356	1.16	<0.05	4.94	0.924	0.21
557490		230	18.0	151.0	<0.002	0.53	<0.05	11.0	1	1.3	70.2	0.61	<0.05	8.88	0.272	0.46
557491		210	22.9	175.5	<0.002	0.42	0.05	11.6	1	1.4	59.7	0.67	<0.05	9.60	0.287	0.58
557492		250	3.0	154.0	<0.002	0.25	<0.05	9.6	1	1.1	111.0	0.50	<0.05	7.66	0.228	0.61
557493		330	4.3	151.5	<0.002	0.18	<0.05	9.6	1	1.1	79.3	0.48	<0.05	7.65	0.230	0.57
557494		190	14.6	211	0.002	0.21	0.07	12.2	1	1.4	68.0	0.61	0.05	9.95	0.294	0.90
557495		260	44.2	173.0	0.002	0.30	<0.05	10.8	2	1.3	77.7	0.58	0.08	8.84	0.258	0.64
557496		60	<0.5	1.6	<0.002	<0.01	<0.05	0.4	3	<0.2	86.1	<0.05	<0.05	0.12	0.009	<0.02
557497		260	6.8	131.0	<0.002	0.37	<0.05	9.1	1	1.0	89.8	0.44	<0.05	7.05	0.212	0.42
557498		330	4.3	150.5	0.002	0.32	<0.05	10.2	1	1.2	92.2	0.52	<0.05	8.03	0.239	0.53
557499		420	7.1	149.0	0.002	0.42	<0.05	10.2	1	1.2	89.9	0.50	<0.05	8.13	0.243	0.51
557500		260	34.3	159.5	0.003	0.52	0.07	10.6	1	1.2	74.9	0.55	0.05	8.66	0.258	0.55

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203682

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557481		1.9	92	1.1	5.6	95	59.7
557482		2.1	98	1.5	6.0	115	79.5
557483		2.0	87	1.3	5.9	77	64.2
557484		2.7	134	1.0	5.9	97	56.6
557485		3.9	178	1.7	6.4	220	74.5
557486		2.8	135	1.7	6.3	185	146.0
557487		1.9	113	1.8	5.9	162	94.4
557488		2.0	100	1.6	5.8	121	92.0
557489		1.1	147	2.3	19.1	132	148.5
557490		2.3	106	1.6	5.9	79	80.3
557491		2.2	108	1.7	5.8	92	84.5
557492		1.3	83	1.2	5.1	118	70.9
557493		1.3	89	1.3	5.2	105	70.0
557494		1.8	127	1.6	5.4	127	87.3
557495		1.8	100	1.5	5.6	100	81.4
557496		0.1	3	0.2	2.3	3	3.0
557497		1.8	87	1.2	5.3	73	63.9
557498		2.0	94	1.3	5.7	75	73.3
557499		2.1	97	1.3	6.2	70	75.0
557500		2.3	106	1.4	6.0	70	81.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 8-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18203682

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 16-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18211339

Projet: Kan

Bon de commande #: KANDH18-086

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211339

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557701		2.43	<0.001	0.11	0.80	12.1	10	0.72	0.03	1.73	0.07	13.20	9.2	22	0.30	10.0
557702		2.34	<0.001	0.08	0.98	10.1	20	0.74	0.05	2.08	0.08	15.20	10.2	25	0.76	10.6
557703		2.52	<0.001	0.03	0.66	3.2	10	1.34	0.02	2.11	0.05	11.80	7.3	23	0.28	7.9
557704		2.66	<0.001	0.03	0.55	1.6	30	1.50	0.02	1.81	0.05	12.75	7.5	19	1.22	6.2
557705		3.15	<0.001	0.04	0.69	4.4	20	1.07	0.03	1.84	0.08	11.90	8.2	21	2.06	6.3
557706		2.66	<0.001	0.04	0.94	2.2	20	0.91	0.02	1.87	0.10	14.80	9.8	24	0.81	16.2
557707		2.96	<0.001	0.03	0.62	6.2	10	1.57	0.02	2.64	0.04	11.70	7.4	19	0.14	7.4
557708		2.28	<0.001	0.02	0.61	2.4	30	0.89	0.02	1.62	0.02	13.40	7.9	22	0.61	6.5
557709		0.07	7.06	1.37	6.31	35.4	320	1.02	0.46	2.99	0.07	30.8	42.0	327	0.65	112.5
557710		2.60	<0.001	0.01	0.47	7.6	20	0.53	0.02	2.58	0.08	10.20	10.6	25	0.34	4.0
557711		2.58	<0.001	0.01	0.51	1.2	20	0.64	0.02	3.38	<0.02	10.75	8.1	17	0.35	4.8
557712		2.37	<0.001	0.01	0.18	1.8	20	0.45	0.01	11.45	<0.02	6.19	3.6	12	0.93	1.8
557713		2.48	<0.001	0.02	0.19	2.5	10	0.37	<0.01	11.25	<0.02	7.07	4.0	10	0.86	1.6
557714		4.51	0.004	0.19	2.84	29.2	80	0.65	0.06	3.14	2.66	19.75	18.7	61	0.69	89.0
557715		4.38	0.048	0.75	5.38	112.5	70	0.94	0.29	0.26	4.09	46.4	26.8	78	2.60	267
557716		0.31	<0.001	0.01	0.17	<0.2	20	0.10	<0.01	31.8	0.03	0.88	0.6	2	<0.05	1.1
557717		3.98	0.048	0.74	5.13	134.5	70	0.85	0.33	0.30	3.65	38.3	32.1	85	2.53	262
557718		4.37	0.061	0.88	4.80	155.5	90	0.85	0.39	0.31	3.53	46.2	31.1	66	2.33	269
557719		4.13	0.046	0.59	6.18	116.0	70	1.16	0.30	0.18	3.67	67.2	27.1	75	3.05	169.0
557720		3.50	0.074	0.75	5.10	137.0	70	0.98	0.37	0.25	6.80	46.1	30.7	77	2.58	242

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211339

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557701		21.0	4.10	0.07	0.6	<0.005	0.012	0.03	7.3	9.6	3.01	15050	0.70	<0.01	5.2	12.3
557702		19.35	4.99	0.07	0.8	<0.005	0.017	0.08	8.1	13.4	2.84	17100	0.59	0.01	6.3	13.6
557703		20.7	3.25	0.07	0.5	<0.005	0.014	0.03	6.4	7.9	2.87	13100	0.49	0.05	4.4	9.4
557704		21.4	2.77	0.06	0.5	<0.005	0.015	0.17	6.8	10.6	2.76	11900	0.73	0.03	4.4	8.5
557705		19.30	3.40	0.05	0.5	<0.005	0.013	0.16	6.6	14.2	2.96	13600	0.85	0.01	4.7	10.6
557706		21.0	4.70	0.06	0.7	<0.005	0.020	0.09	8.1	12.5	3.11	17100	0.63	<0.01	6.2	14.3
557707		20.2	3.09	0.06	0.5	<0.005	0.014	0.02	6.3	7.6	2.95	12300	0.43	0.01	4.3	9.2
557708		21.5	3.07	0.08	0.6	<0.005	0.012	0.14	7.0	10.2	2.70	12100	0.74	0.01	5.0	8.9
557709		5.63	15.60	0.06	2.5	0.160	0.049	1.07	14.4	15.5	4.08	774	6.59	1.21	16.3	253
557710		21.1	2.34	0.06	0.4	<0.005	0.010	0.09	5.6	7.5	3.00	10450	1.03	<0.01	3.3	12.1
557711		22.5	2.83	0.06	0.4	<0.005	0.012	0.10	5.9	7.6	3.55	10450	1.16	0.01	3.4	11.5
557712		14.45	1.18	<0.05	0.2	<0.005	<0.005	0.12	3.4	7.6	5.39	6100	0.30	<0.01	2.4	5.3
557713		13.05	1.18	<0.05	0.2	<0.005	0.005	0.11	4.3	7.5	5.18	5220	0.33	<0.01	2.3	7.3
557714		16.75	7.88	0.06	1.1	0.088	0.052	0.53	10.5	17.2	3.01	5220	3.78	0.48	4.5	70.3
557715		20.4	17.00	0.13	2.8	0.326	0.182	2.05	22.3	19.3	1.03	272	23.8	0.29	8.6	168.5
557716		0.20	0.57	0.06	0.1	<0.005	<0.005	0.03	1.0	1.2	1.51	120	0.06	0.09	0.2	0.5
557717		22.1	16.35	0.15	2.2	0.419	0.181	1.91	17.9	18.3	1.08	343	21.9	0.35	5.9	150.5
557718		23.8	15.65	0.16	2.5	0.665	0.185	1.66	22.9	16.6	0.99	268	22.4	0.33	7.3	163.0
557719		18.40	19.95	0.17	4.1	0.369	0.195	2.31	36.3	18.3	0.89	204	22.8	0.66	15.9	146.5
557720		20.8	17.10	0.15	2.7	0.497	0.284	1.94	22.6	18.5	0.96	285	25.9	0.33	7.1	179.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211339

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557701		580	1.8	1.2	<0.002	0.15	0.09	2.5	1	0.2	25.4	0.27	0.05	0.88	0.112	<0.02
557702		540	7.7	3.5	<0.002	0.18	0.11	3.3	1	0.3	27.7	0.35	0.07	1.15	0.127	0.02
557703		470	2.3	1.4	<0.002	0.12	0.08	2.2	1	0.2	22.0	0.26	<0.05	0.71	0.097	<0.02
557704		480	1.3	7.0	<0.002	0.11	0.08	1.7	1	0.2	24.0	0.24	<0.05	0.82	0.075	0.05
557705		520	1.7	8.3	0.002	0.13	0.08	2.2	1	0.2	36.5	0.23	0.06	0.79	0.084	0.06
557706		590	1.4	3.8	0.002	0.24	0.12	3.1	1	0.2	25.7	0.34	0.07	1.00	0.127	0.02
557707		440	1.4	0.9	<0.002	0.11	0.09	2.1	1	0.2	23.2	0.24	<0.05	0.71	0.091	<0.02
557708		500	1.4	5.3	<0.002	0.13	0.06	1.9	1	0.2	19.3	0.28	<0.05	0.87	0.078	0.03
557709		1130	10.1	37.6	0.002	0.08	0.87	21.1	1	1.1	289	0.88	0.28	2.43	0.686	0.19
557710		400	1.2	3.5	<0.002	0.09	0.13	1.5	1	0.2	24.8	0.14	0.06	0.56	0.057	0.03
557711		420	0.9	4.0	<0.002	0.09	0.07	1.6	1	0.2	25.3	0.16	0.07	0.55	0.057	0.02
557712		250	1.3	6.5	<0.002	0.02	0.10	0.6	1	<0.2	65.2	0.11	<0.05	0.32	0.032	0.05
557713		380	1.4	6.0	<0.002	0.03	0.10	0.6	1	<0.2	77.2	0.11	<0.05	0.34	0.031	0.06
557714		370	10.9	20.8	0.004	2.88	2.25	9.6	2	0.7	57.3	0.25	0.12	1.55	0.102	0.73
557715		300	77.1	70.3	0.029	>10.0	16.30	10.4	7	2.7	16.4	0.52	0.98	5.11	0.142	4.55
557716		60	0.7	0.7	<0.002	0.01	0.07	0.2	1	<0.2	79.0	<0.05	<0.05	0.14	0.006	<0.02
557717		340	76.1	59.4	0.024	>10.0	15.90	10.6	7	3.0	20.1	0.34	1.21	3.80	0.136	4.49
557718		260	89.9	60.4	0.022	>10.0	17.65	9.5	9	3.0	17.8	0.47	1.28	4.51	0.119	4.38
557719		290	70.0	79.9	0.020	>10.0	13.70	9.9	6	4.1	20.8	1.14	0.96	6.97	0.158	5.18
557720		290	89.1	68.1	0.024	>10.0	16.60	10.2	7	4.3	23.6	0.46	1.15	5.14	0.130	4.83

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211339

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557701		0.5	74	0.8	6.1	13	26.2
557702		0.8	88	0.5	6.5	16	32.5
557703		0.4	56	0.4	5.6	12	21.3
557704		0.5	49	0.4	5.8	11	21.1
557705		0.5	62	0.3	5.6	14	22.8
557706		0.7	87	0.2	6.4	29	30.1
557707		0.4	55	0.5	5.7	10	20.3
557708		0.5	53	0.6	6.5	12	23.8
557709		0.6	148	9.4	14.5	85	102.0
557710		0.3	37	0.5	5.6	24	15.5
557711		0.4	38	0.8	6.2	10	15.9
557712		0.2	16	0.5	4.7	5	8.2
557713		0.2	16	0.9	6.8	4	8.0
557714		2.2	104	1.7	6.7	607	40.9
557715		9.7	232	1.1	11.8	1120	110.0
557716		0.1	1	0.1	2.6	4	1.8
557717		10.2	203	1.2	10.1	987	86.3
557718		11.4	217	1.0	11.6	1020	96.2
557719		11.2	234	1.2	14.2	1220	148.5
557720		12.2	248	1.1	11.0	2180	101.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 16-SEPT-2018
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CERTIFICAT D'ANALYSE VO18211339

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au-ICP21	Hg-MS42	ME-MS61

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300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18211343

Projet: Kan

Bon de commande #: KANDH18-087

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

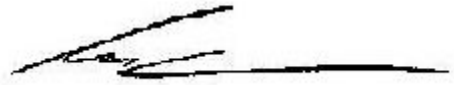
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211343

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557721		3.97	0.060	0.76	5.15	140.0	120	0.98	0.40	0.26	3.16	43.1	32.5	77	2.35	265
557722		3.19	0.051	0.85	4.75	94.9	50	0.80	0.62	0.44	4.54	35.6	43.7	78	1.94	318
557723		1.91	0.001	0.28	4.77	22.1	120	0.94	0.13	1.78	0.10	43.2	32.7	105	2.09	296
557724		4.67	0.001	0.08	6.50	45.0	200	0.41	0.02	3.48	0.16	11.40	44.3	133	0.59	150.0
557725		4.34	<0.001	0.09	6.75	92.1	20	0.36	<0.01	3.59	0.11	8.39	46.2	130	0.18	138.0
557726		3.94	<0.001	0.02	5.94	200	50	0.36	0.01	5.34	0.10	4.89	62.6	106	0.23	46.5
557727		3.40	<0.001	0.07	6.59	52.2	70	0.37	0.01	5.23	1.01	9.92	45.6	118	0.20	121.5
557728		4.89	0.063	1.03	5.35	80.6	140	0.97	0.29	1.11	1.52	55.4	52.6	104	1.91	220
557729		0.07	0.666	0.21	6.87	20.3	330	1.50	0.14	4.29	0.20	44.2	41.3	190	1.83	56.8
557730		4.35	0.082	1.08	5.34	114.5	90	0.95	0.20	0.28	1.13	43.9	49.2	104	2.18	167.0
557731		4.30	0.006	0.31	6.20	45.7	80	0.54	0.13	3.38	1.49	21.2	41.6	124	0.97	184.0
557732		4.62	0.001	0.19	5.60	120.5	50	0.54	0.02	6.79	0.16	13.90	52.9	117	0.58	149.5
557733		4.15	0.065	1.48	4.44	103.0	130	0.96	0.48	0.42	4.17	48.0	46.2	67	1.99	274
557734		3.74	0.003	0.50	6.25	6.6	360	0.75	0.08	4.23	1.09	16.95	26.5	129	2.21	222
557735		3.78	<0.001	0.12	6.29	28.9	320	0.39	0.03	6.66	0.18	11.40	43.5	130	1.26	160.5
557736		0.29	<0.001	<0.01	0.08	<0.2	20	0.05	<0.01	33.3	0.02	0.92	0.9	1	<0.05	1.5
557737		3.78	<0.001	0.05	6.35	49.4	280	0.35	0.03	7.55	0.21	9.18	43.4	123	0.84	143.0
557738		4.44	<0.001	0.07	7.10	45.3	100	0.51	0.03	5.82	0.17	13.70	49.7	139	0.27	144.5
557739		4.31	0.001	0.09	6.70	63.8	40	0.47	0.03	7.47	0.42	13.65	51.5	116	0.11	124.0
557740		4.30	0.001	0.12	6.57	44.9	30	0.33	0.03	5.97	0.35	11.25	44.9	133	0.10	131.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211343

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557721		22.2	15.40	0.16	2.4	0.365	0.168	1.85	21.1	17.1	0.95	271	22.9	0.43	7.0	158.0
557722		23.5	15.20	0.16	2.1	0.668	0.229	1.55	17.9	18.2	1.34	395	19.65	0.42	4.3	129.5
557723		15.60	15.25	0.11	1.9	0.016	0.063	1.73	22.6	20.7	2.25	882	17.90	0.08	5.9	93.6
557724		9.49	16.00	0.08	1.2	0.007	0.079	0.57	4.4	61.7	5.65	911	1.44	0.75	1.1	85.0
557725		8.22	15.85	0.08	1.0	0.005	0.071	0.05	3.0	69.9	6.16	1060	0.25	1.25	0.7	132.5
557726		8.66	13.95	0.07	0.6	0.010	0.049	0.07	1.7	71.7	7.30	1600	0.17	0.50	0.5	345
557727		8.76	15.50	0.07	1.0	<0.005	0.065	0.12	3.8	54.2	4.42	1320	1.37	1.32	1.0	138.5
557728		20.4	16.55	0.16	2.5	0.282	0.094	1.53	30.1	14.9	1.07	309	15.80	1.37	2.1	95.6
557729		7.12	18.80	0.09	3.6	0.022	0.068	0.84	19.5	14.5	2.80	903	2.41	1.68	19.9	139.5
557730		19.95	17.05	0.16	2.8	0.231	0.085	1.61	22.1	20.4	0.99	141	13.60	0.95	2.3	93.4
557731		12.55	16.50	0.10	1.3	0.093	0.128	0.76	10.1	47.6	3.10	1000	6.11	1.49	1.8	112.5
557732		8.29	14.35	0.06	1.1	0.018	0.064	0.51	5.8	66.2	4.71	1530	1.09	0.93	1.2	217
557733		22.1	14.15	0.18	2.7	0.446	0.165	1.42	25.4	18.6	0.99	320	23.5	0.38	7.5	161.5
557734		10.30	15.55	0.09	1.8	0.058	0.088	2.21	7.8	21.5	2.61	1440	6.02	0.71	1.5	119.5
557735		6.93	15.50	0.08	1.7	0.014	0.083	1.33	4.5	50.3	3.35	1140	1.42	0.68	0.9	92.0
557736		0.15	0.27	0.09	<0.1	<0.005	<0.005	0.01	1.1	1.5	1.61	94	<0.05	0.03	0.1	0.9
557737		7.68	15.25	0.06	1.6	0.007	0.074	0.91	3.5	66.4	3.49	1100	1.02	0.61	0.6	90.5
557738		9.48	18.00	0.07	1.7	0.009	0.093	0.21	5.3	89.4	3.41	1180	2.55	1.32	0.8	104.0
557739		7.74	17.00	0.06	1.3	0.029	0.091	0.07	5.4	83.5	2.88	1250	1.61	1.20	1.0	98.3
557740		9.68	16.10	0.07	1.2	0.027	0.078	0.06	4.4	86.9	3.30	1120	1.80	1.35	0.7	87.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211343

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557721		340	92.2	66.2	0.022	>10.0	16.90	9.8	7	2.8	22.1	0.43	1.87	4.61	0.133	4.34
557722		280	69.8	46.6	0.019	>10.0	14.35	9.8	9	3.5	26.0	0.28	3.12	3.75	0.100	3.35
557723		320	9.8	59.2	0.014	8.08	2.06	15.0	8	1.9	59.7	0.34	0.88	3.70	0.156	2.70
557724		360	3.3	19.7	0.002	1.53	0.43	40.8	1	0.4	76.5	0.08	0.20	0.41	0.166	0.87
557725		330	1.2	2.5	0.002	0.10	0.27	39.6	<1	<0.2	68.5	0.05	0.05	0.24	0.131	0.13
557726		220	1.5	2.5	<0.002	0.12	0.28	25.6	1	<0.2	83.0	<0.05	0.06	0.13	0.108	0.13
557727		350	3.5	4.2	0.003	0.61	0.32	37.4	1	<0.2	78.8	0.07	0.17	0.58	0.141	0.15
557728		260	71.9	62.0	0.015	>10.0	15.10	12.0	7	1.5	35.6	0.12	3.10	5.12	0.063	2.78
557729		1130	14.3	24.0	<0.002	0.03	1.01	18.9	1	1.7	342	1.15	0.05	4.39	0.890	0.20
557730		200	77.4	54.9	0.012	>10.0	15.25	12.6	9	1.2	24.3	0.13	3.98	3.69	0.067	3.23
557731		360	17.4	29.5	0.008	4.10	2.69	34.9	3	1.4	59.0	0.11	0.43	1.41	0.114	1.42
557732		310	6.2	18.6	0.003	1.15	0.57	35.3	1	0.5	117.0	0.09	0.13	0.56	0.166	0.97
557733		310	68.1	47.2	0.027	>10.0	11.85	9.0	8	2.8	18.4	0.62	1.43	5.36	0.104	3.31
557734		450	15.7	70.3	0.008	4.60	2.08	35.8	3	1.6	88.8	0.10	0.23	1.04	0.164	3.96
557735		360	8.6	39.5	0.003	1.21	0.61	39.1	1	0.7	97.8	0.06	0.15	0.41	0.176	2.21
557736		70	<0.5	0.5	<0.002	0.01	<0.05	0.3	1	<0.2	81.4	<0.05	<0.05	0.06	0.006	0.02
557737		360	5.4	26.1	0.002	0.58	0.37	37.6	1	0.4	72.4	<0.05	0.10	0.32	0.132	1.57
557738		420	5.5	5.3	0.005	1.17	0.33	42.2	1	0.4	73.2	0.05	0.14	0.59	0.124	0.34
557739		390	7.3	1.0	0.004	0.73	0.37	40.9	2	0.6	106.5	0.07	0.10	0.63	0.142	0.06
557740		400	6.1	0.9	0.004	1.56	0.46	42.4	1	0.5	70.5	0.05	0.22	0.49	0.115	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211343

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557721		10.8	215	0.9	11.6	903	95.8
557722		9.4	159	0.7	9.4	1170	79.4
557723		5.6	159	0.7	8.0	76	74.3
557724		0.4	312	0.2	4.7	109	48.2
557725		0.1	279	0.8	4.2	86	42.3
557726		0.1	222	2.1	3.7	121	21.0
557727		0.4	287	0.4	7.6	255	32.1
557728		7.3	126	0.7	8.6	363	97.9
557729		1.1	146	2.1	18.4	128	143.5
557730		6.5	123	0.6	7.6	281	109.0
557731		2.4	275	0.3	5.7	446	50.6
557732		0.7	250	0.5	5.2	101	37.1
557733		12.9	218	0.7	12.7	1060	101.0
557734		3.8	309	0.8	10.3	264	65.9
557735		0.7	297	0.1	3.7	133	59.3
557736		0.1	3	0.2	2.0	3	1.5
557737		0.6	297	0.1	4.3	138	55.6
557738		1.2	324	0.1	6.8	200	64.2
557739		0.7	305	0.1	7.6	266	44.5
557740		0.7	318	0.1	6.3	250	52.1

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211343

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18211348

Projet: Kan

Bon de commande #: KANDH18-088

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

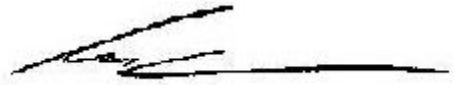
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211348

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557741		4.41	0.002	0.09	6.42	8.4	10	0.39	0.02	8.00	0.28	9.85	48.5	113	0.07	181.5
557742		4.47	0.003	0.10	6.42	2.6	<10	0.34	0.02	8.16	0.35	9.41	42.6	114	0.08	123.0
557743		4.43	<0.001	0.04	6.36	3.4	<10	0.29	0.03	6.14	0.18	10.20	45.5	124	0.05	131.5
557744		4.71	0.001	0.06	6.31	38.7	<10	0.37	0.01	7.70	0.26	8.70	45.7	111	0.06	132.0
557745		4.56	<0.001	0.06	6.51	44.5	10	0.43	0.01	7.12	0.20	10.75	41.6	124	0.11	120.0
557746		4.77	0.001	0.14	5.92	57.6	10	0.31	0.01	6.28	0.15	9.61	43.8	115	0.10	133.0
557747		4.56	0.007	0.25	5.74	45.8	20	0.41	0.06	5.67	0.85	13.30	40.9	113	0.10	177.0
557748		4.55	0.001	0.18	6.26	40.8	110	0.60	0.06	6.30	0.44	12.50	41.3	126	0.17	127.0
557749		0.07	2.52	0.43	6.70	11.7	310	1.17	0.16	4.62	0.08	42.5	51.2	308	0.68	82.8
557750		4.55	<0.001	0.07	6.03	41.9	60	0.65	0.01	6.36	0.09	7.83	40.4	119	0.17	115.5
557751		4.67	<0.001	0.15	6.59	62.9	100	0.56	<0.01	5.23	0.12	10.55	46.4	126	0.43	96.6
557752		4.61	0.056	2.64	3.89	47.1	110	0.91	0.31	1.60	12.05	67.2	26.0	64	2.47	288
557753		3.85	0.014	1.00	7.59	55.8	170	1.47	0.16	0.80	4.33	60.1	19.8	92	3.85	144.0
557754		4.44	0.016	1.21	7.25	41.7	170	1.75	0.17	0.91	9.70	80.4	20.4	94	4.01	183.0
557755		4.65	0.005	1.27	7.89	84.7	180	1.71	0.25	1.40	4.95	65.6	33.7	102	4.72	94.0
557756		0.32	<0.001	<0.01	0.17	0.3	20	0.07	0.01	32.2	0.03	1.21	1.1	2	<0.05	2.7
557757		4.82	0.031	2.28	4.44	114.0	120	1.09	0.37	1.85	13.55	45.8	32.5	64	3.26	237
557758		4.57	0.046	1.98	3.89	160.0	100	0.66	0.45	1.66	15.35	40.5	38.2	65	2.38	129.5
557759		4.66	0.038	2.07	5.17	124.0	120	0.98	0.52	1.71	9.76	56.8	37.8	73	2.93	160.0
557760		4.36	0.007	0.65	9.32	30.1	200	2.03	0.13	1.07	2.50	100.5	12.8	107	3.97	124.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211348

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557741		8.78	17.45	0.07	0.9	0.008	0.080	0.02	3.6	67.6	3.10	1440	0.97	1.09	2.5	98.5
557742		8.94	14.95	0.06	0.8	0.010	0.072	0.01	3.4	69.5	3.36	1440	0.73	0.38	3.1	87.5
557743		9.38	15.40	0.06	1.1	0.012	0.078	<0.01	3.8	82.1	3.59	1270	1.25	0.93	1.6	95.0
557744		8.44	15.20	0.05	0.6	<0.005	0.070	0.03	3.2	99.7	3.20	1400	0.47	0.54	0.8	92.3
557745		8.99	16.30	0.06	0.8	0.007	0.070	0.08	4.0	98.7	3.50	1400	0.95	0.86	0.8	93.3
557746		8.56	14.65	0.06	0.9	0.007	0.070	0.08	3.6	86.6	3.16	1240	1.17	0.84	0.8	85.0
557747		10.45	14.65	0.06	1.3	0.066	0.098	0.09	5.5	79.3	3.23	1210	3.07	0.94	0.9	92.2
557748		8.94	16.15	0.06	1.1	0.042	0.082	0.19	5.0	81.3	3.19	1200	1.90	1.36	1.1	83.5
557749		7.24	17.85	0.09	3.2	0.049	0.056	0.96	21.0	8.9	5.37	1000	3.26	1.93	28.4	341
557750		7.92	14.40	0.05	0.9	0.009	0.058	0.17	2.9	85.7	3.37	1340	0.25	1.21	1.1	83.8
557751		8.30	16.85	0.07	1.1	0.023	0.067	0.41	4.0	104.5	3.65	1290	0.33	1.13	1.5	114.5
557752		19.30	11.70	0.20	2.7	0.632	0.165	1.34	38.7	19.2	0.92	1310	83.2	0.23	8.2	255
557753		12.05	19.20	0.15	4.0	0.331	0.100	2.67	33.9	36.5	1.00	512	19.05	0.36	10.9	146.5
557754		12.05	20.6	0.17	5.8	0.498	0.143	2.50	44.3	36.8	0.95	653	43.9	0.47	16.7	153.0
557755		11.10	21.7	0.15	6.4	0.463	0.081	2.96	35.5	34.7	1.20	840	32.6	0.28	23.7	118.5
557756		0.22	0.53	0.08	0.1	<0.005	0.006	0.02	1.3	2.7	1.35	92	0.09	0.05	0.2	1.1
557757		16.50	11.85	0.16	1.7	0.978	0.139	1.70	28.2	14.2	0.89	993	77.7	0.31	4.5	237
557758		16.40	10.40	0.15	1.4	1.165	0.169	1.34	25.5	15.0	0.81	749	86.0	0.19	3.7	193.5
557759		15.55	14.05	0.16	2.2	0.882	0.127	1.61	35.3	23.6	1.03	704	64.0	0.44	5.7	192.0
557760		9.86	26.8	0.18	8.6	0.141	0.087	2.68	54.7	49.9	1.22	378	10.60	0.78	37.5	118.0

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Projet: Kan

CERTIFICAT D'ANALYSE VO18211348

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557741		350	3.6	0.3	0.003	0.56	0.83	41.3	1	0.6	88.4	0.16	0.06	0.33	0.453	0.02
557742		380	3.1	0.1	0.002	0.47	1.54	39.6	1	0.6	106.5	0.21	0.09	0.30	0.617	<0.02
557743		360	2.1	0.1	0.003	0.76	0.71	40.4	1	0.5	58.4	0.11	0.10	0.37	0.263	<0.02
557744		360	3.8	0.3	0.003	0.32	0.31	38.9	1	0.3	98.5	0.06	0.05	0.25	0.166	<0.02
557745		350	5.9	0.9	0.003	0.64	0.24	40.8	1	0.3	121.5	0.06	0.10	0.37	0.146	0.03
557746		340	5.6	0.9	0.002	0.62	0.24	36.1	1	0.3	96.9	0.06	0.08	0.33	0.144	0.04
557747		350	10.6	1.1	0.006	2.17	0.87	34.2	2	0.4	94.0	0.07	0.27	0.75	0.113	0.06
557748		370	12.6	3.9	0.002	1.70	0.78	38.6	2	0.7	83.7	0.07	0.25	0.52	0.172	0.20
557749		1820	5.5	31.0	<0.002	0.03	0.41	20.8	<1	1.3	469	1.62	0.10	2.69	1.030	0.06
557750		330	5.5	3.6	0.002	0.61	0.20	37.0	1	0.3	115.5	0.07	0.06	0.21	0.229	0.16
557751		360	8.8	12.0	<0.002	0.93	0.29	40.7	1	0.5	120.0	0.10	0.06	0.26	0.298	0.55
557752		1290	80.6	48.5	0.060	>10.0	6.54	7.9	11	1.4	52.0	0.50	0.56	5.32	0.091	2.96
557753		410	36.9	77.5	0.021	8.36	4.19	17.4	7	1.9	54.9	0.65	0.37	4.83	0.316	4.60
557754		700	41.9	77.8	0.034	8.23	3.27	16.6	9	2.3	61.9	1.05	0.23	6.26	0.246	4.33
557755		480	39.0	81.2	0.029	8.78	6.28	17.7	7	2.3	67.9	1.61	0.51	6.80	0.331	5.18
557756		70	1.2	0.6	<0.002	0.01	0.05	1.2	1	<0.2	82.8	<0.05	<0.05	0.08	0.014	<0.02
557757		830	60.1	57.5	0.067	>10.0	8.04	8.7	14	1.2	66.2	0.28	0.63	4.00	0.116	3.94
557758		810	61.0	48.5	0.080	>10.0	8.37	7.2	12	1.0	60.1	0.22	0.78	3.67	0.090	3.17
557759		780	63.1	55.5	0.059	>10.0	9.29	10.7	13	1.3	68.8	0.35	0.99	4.66	0.140	3.76
557760		430	19.2	73.6	0.010	5.70	1.39	20.0	3	3.2	148.5	2.16	0.17	9.07	0.365	3.75

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QUEBEC QC G1K 7R1

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211348

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557741		0.3	310	0.1	20.2	107	34.7
557742		0.3	323	0.2	21.9	118	22.4
557743		0.6	305	0.1	18.7	158	20.2
557744		0.2	294	0.1	7.5	106	17.9
557745		0.4	300	0.1	4.9	137	43.3
557746		0.5	275	0.1	4.3	124	53.2
557747		1.4	260	0.1	4.7	290	40.5
557748		0.7	289	0.5	4.0	224	54.6
557749		0.6	146	3.2	20.6	105	138.5
557750		0.1	281	1.3	3.3	140	34.6
557751		0.1	300	0.9	4.9	154	40.9
557752		38.6	713	1.8	21.1	2130	101.0
557753		14.0	239	1.8	13.2	775	147.0
557754		23.6	399	1.8	18.9	1580	207
557755		19.5	421	2.0	18.2	863	234
557756		0.3	6	<0.1	2.6	8	2.5
557757		35.3	824	2.1	19.1	2340	67.0
557758		37.0	878	1.9	18.7	2800	55.7
557759		32.1	661	1.8	18.0	1660	86.3
557760		10.9	155	1.3	19.0	501	326

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CERTIFICAT D'ANALYSE VO18211348

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 16-SEPT-2018
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CERTIFICAT VO18211352

Projet: Kan

Bon de commande #: KANDH18-089

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

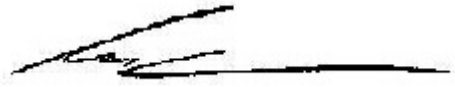
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18211352

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557761		4.43	0.003	0.77	9.27	18.2	210	1.96	0.18	0.74	2.35	87.3	12.8	115	4.29	106.5
557762		4.67	0.003	1.09	8.74	53.5	230	1.86	0.21	0.54	6.81	55.3	51.3	108	4.33	91.4
557763		4.31	0.002	1.20	8.58	45.5	270	2.08	0.27	0.59	3.13	56.3	31.1	105	4.01	125.0
557764		4.17	0.004	0.76	9.78	41.9	320	2.85	0.15	0.25	2.98	73.6	26.0	125	4.98	99.7
557765		4.41	0.038	3.07	5.67	21.7	150	1.87	0.42	0.54	13.45	59.8	16.1	81	3.89	229
557766		1.66	0.026	2.95	3.50	5.1	140	1.24	0.23	1.29	16.95	50.3	1.8	63	3.25	222
557767		4.70	0.016	1.41	7.07	55.9	180	1.98	0.27	1.46	7.24	60.8	19.0	73	4.40	145.0
557768		4.56	0.024	1.26	7.72	56.8	230	1.85	0.24	1.50	3.37	62.4	21.4	84	4.42	131.0
557769		0.07	7.57	1.26	6.02	35.9	310	0.95	0.51	2.84	0.09	30.1	41.4	314	0.67	110.5
557770		4.51	0.018	0.92	8.18	54.9	230	2.14	0.18	0.97	3.74	66.5	21.8	93	4.57	125.5
557771		3.89	0.044	2.69	5.72	116.5	130	2.74	0.30	2.01	9.32	57.7	22.4	67	4.20	161.5
557772		4.57	0.062	3.78	2.55	54.3	120	2.02	0.30	1.79	23.4	64.1	17.9	54	2.91	554
557773		4.49	0.053	3.80	2.33	94.4	100	1.76	0.54	1.71	22.2	47.7	37.1	57	2.74	520
557774		3.90	0.039	2.75	3.39	23.1	160	2.61	0.26	0.64	30.8	42.0	10.7	68	4.75	462
557775		4.28	0.026	1.84	3.44	99.4	120	1.98	0.25	1.35	17.55	53.9	24.5	57	2.28	367
557776		0.29	<0.001	0.01	0.06	0.3	10	0.07	0.01	31.4	0.05	1.07	1.0	1	<0.05	1.9
557777		4.74	0.043	2.81	2.83	168.5	140	2.85	0.33	1.25	22.3	60.7	22.7	56	2.96	401
557778		4.66	0.036	3.62	2.04	209	120	2.70	0.46	1.87	24.9	43.1	14.7	51	3.04	754
557779		4.35	0.033	2.15	2.25	186.5	90	1.69	0.29	1.71	16.90	48.0	10.1	48	2.17	406
557780		4.61	0.049	2.29	3.09	205	140	2.89	0.29	0.91	23.1	56.0	16.1	59	2.94	372

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18211352

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557761		9.03	27.0	0.15	8.1	0.153	0.097	2.90	47.5	43.5	0.96	297	10.70	0.87	31.2	116.0
557762		10.50	24.8	0.15	4.1	0.305	0.130	3.19	30.7	38.2	0.86	256	10.95	0.54	11.0	101.5
557763		11.35	23.2	0.14	4.2	0.162	0.108	3.49	30.3	31.5	0.93	294	9.68	0.24	11.9	131.5
557764		8.56	27.2	0.17	5.0	0.160	0.108	4.10	40.3	32.4	0.76	162	11.45	0.26	15.1	109.0
557765		13.95	14.40	0.18	2.6	0.550	0.121	2.09	37.1	14.6	0.68	314	106.5	0.18	6.4	233
557766		14.30	9.13	0.15	1.4	0.627	0.113	1.28	35.9	9.5	0.82	770	154.0	0.11	3.6	267
557767		12.45	19.15	0.15	3.3	0.526	0.101	3.04	35.9	19.2	1.05	558	44.1	0.32	7.5	169.0
557768		10.85	20.6	0.14	3.4	0.426	0.068	3.49	36.0	21.3	1.12	595	12.85	0.21	9.9	132.0
557769		5.42	15.25	0.09	2.4	0.177	0.049	1.05	15.7	15.6	3.90	714	6.13	1.17	17.1	243
557770		9.59	23.9	0.16	6.4	0.439	0.094	3.67	35.3	27.1	0.93	450	12.05	0.18	22.8	112.5
557771		12.70	15.80	0.18	2.4	0.968	0.065	2.51	35.2	27.1	1.24	1640	52.6	0.11	7.1	179.0
557772		16.65	8.21	0.23	2.4	1.120	0.070	1.08	38.1	18.3	1.05	2880	132.5	0.04	7.5	356
557773		17.65	6.83	0.21	1.5	1.420	0.068	1.00	30.0	17.0	0.95	2430	114.5	0.03	3.0	345
557774		15.20	9.22	0.18	1.4	1.375	0.092	1.59	29.2	23.8	0.54	647	163.0	0.04	2.9	337
557775		15.60	10.25	0.18	1.7	0.862	0.052	1.27	28.3	23.6	1.21	3290	73.0	0.09	2.3	216
557776		0.14	0.26	0.10	<0.1	<0.005	<0.005	0.01	1.2	1.2	1.45	84	0.28	0.02	0.1	1.1
557777		16.15	9.07	0.21	2.3	0.917	0.063	1.21	36.1	24.0	0.98	2660	115.5	0.05	5.8	224
557778		18.45	6.93	0.20	1.2	0.963	0.071	0.90	28.5	21.7	1.24	3490	128.0	0.03	2.7	296
557779		14.70	7.23	0.16	1.2	0.779	0.051	0.80	28.5	19.8	1.30	3560	108.0	0.03	2.9	203
557780		14.05	9.58	0.19	2.2	0.870	0.078	1.39	34.3	20.8	0.83	2340	107.0	0.10	4.0	219

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211352

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557761		320	20.1	79.7	0.011	4.90	1.23	20.0	2	3.0	129.0	1.69	0.21	8.47	0.319	4.22
557762		310	21.5	89.0	0.012	7.63	1.80	20.3	3	2.1	87.4	0.57	0.29	5.02	0.299	5.01
557763		300	17.3	86.9	0.010	7.72	2.40	19.7	3	2.0	48.6	0.60	0.38	4.66	0.279	4.93
557764		320	10.6	117.0	0.011	5.42	2.04	22.0	3	2.4	50.5	0.77	0.26	6.14	0.369	6.19
557765		930	36.0	72.7	0.072	8.58	5.99	11.8	11	1.7	49.5	0.36	0.39	4.96	0.164	4.13
557766		1060	39.7	55.0	0.107	7.89	3.85	7.7	12	1.4	57.7	0.22	0.23	4.53	0.085	3.15
557767		310	37.1	95.5	0.041	9.09	6.20	13.1	6	2.1	48.3	0.42	0.47	5.26	0.192	5.89
557768		230	32.1	97.6	0.017	8.17	4.75	17.3	5	1.9	46.3	0.47	0.47	4.76	0.233	7.06
557769		1080	9.9	38.2	<0.002	0.09	0.81	21.1	1	1.0	274	0.90	0.25	2.38	0.656	0.22
557770		250	25.2	102.5	0.014	7.15	3.68	17.1	4	2.7	44.4	1.25	0.34	6.54	0.259	7.37
557771		940	54.5	90.7	0.044	>10.0	10.50	10.7	13	1.6	56.0	0.43	0.61	4.75	0.145	6.00
557772		2820	43.3	48.2	0.115	>10.0	8.39	5.2	30	1.1	51.3	0.44	0.37	4.78	0.063	3.06
557773		2170	53.3	44.4	0.100	>10.0	11.90	5.0	29	0.9	47.8	0.19	0.87	3.63	0.056	2.90
557774		970	42.6	73.1	0.141	9.01	5.31	7.2	24	1.1	26.8	0.18	0.29	4.31	0.074	4.42
557775		1360	26.2	59.1	0.058	8.77	3.30	6.6	19	0.8	46.3	0.12	0.41	4.90	0.049	3.37
557776		60	0.5	0.2	<0.002	0.01	0.06	0.3	1	<0.2	79.3	<0.05	<0.05	0.06	0.005	<0.02
557777		1720	44.3	63.0	0.092	9.26	6.46	6.1	27	1.2	45.6	0.34	0.69	4.52	0.052	3.51
557778		2480	56.4	48.0	0.094	9.94	10.05	5.2	28	0.9	62.5	0.15	0.81	3.20	0.044	2.66
557779		2110	37.6	43.4	0.070	7.38	6.27	5.0	19	0.8	52.6	0.17	0.53	3.34	0.041	2.36
557780		1540	43.5	61.2	0.090	7.87	5.57	6.0	26	1.2	36.8	0.27	0.55	4.91	0.051	3.20

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Projet: Kan

CERTIFICAT D'ANALYSE VO18211352

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557761		10.9	156	1.4	16.2	444	305
557762		9.9	161	1.5	10.2	1000	164.0
557763		9.3	154	1.7	10.2	502	170.0
557764		11.0	175	2.0	12.0	453	199.0
557765		52.7	999	4.1	21.4	1890	105.5
557766		83.8	1640	4.8	21.0	2520	59.4
557767		26.5	445	2.1	14.6	1130	130.0
557768		11.9	179	1.7	11.4	577	138.5
557769		0.6	142	8.7	14.7	83	99.1
557770		11.8	164	1.6	16.3	643	241
557771		27.3	463	1.9	18.9	1390	100.0
557772		63.0	1220	2.3	37.9	3350	100.5
557773		55.1	1040	2.2	30.7	3260	62.4
557774		78.0	1690	3.6	20.1	4500	60.1
557775		38.3	702	1.2	19.2	2510	66.5
557776		0.2	3	<0.1	2.2	6	1.7
557777		51.9	967	1.6	26.7	2790	96.4
557778		57.2	1230	1.7	28.1	3100	50.8
557779		46.2	954	0.8	24.8	2170	52.2
557780		52.4	959	1.1	26.3	2930	89.8

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CERTIFICAT D'ANALYSE VO18211352

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 16-SEPT-2018
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CERTIFICAT VO18211354

Projet: Kan

Bon de commande #: KANDH18-090

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

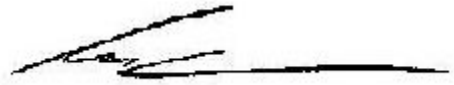
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18211354

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557781		4.75	0.027	2.00	1.53	180.0	60	1.11	0.23	3.84	9.25	43.5	14.2	37	1.56	384
557782		4.55	0.052	2.61	2.21	128.0	110	1.40	0.34	2.67	16.45	44.2	19.9	55	2.66	410
557783		4.38	0.027	1.86	3.69	83.9	150	2.21	0.25	1.83	16.05	52.2	20.8	63	3.58	296
557784		4.45	0.048	2.53	2.73	263	110	1.86	0.37	0.68	25.1	37.3	25.5	63	3.25	301
557785		4.65	0.032	2.15	2.11	39.0	100	1.24	0.16	1.75	19.65	48.6	6.0	54	2.74	661
557786		4.46	0.049	2.88	2.40	156.0	100	1.40	0.41	1.43	15.40	45.1	24.6	52	2.92	423
557787		4.74	0.050	2.36	3.25	393	70	1.86	0.46	0.91	26.4	41.9	30.7	67	4.00	120.5
557788		4.64	0.053	2.40	2.46	378	90	1.48	0.43	1.19	23.8	41.0	28.4	61	3.47	168.0
557789		0.07	0.663	0.18	6.76	21.5	320	1.38	0.13	4.13	0.20	46.5	43.1	180	1.88	53.9
557790		4.37	0.044	2.72	2.40	279	100	1.30	0.40	1.55	19.85	38.0	25.4	59	3.48	264
557791		4.22	0.055	2.27	3.32	243	120	1.77	0.39	1.68	21.6	45.6	26.6	81	3.74	224
557792		4.76	0.051	2.50	3.19	126.0	100	1.43	0.26	2.44	11.35	45.7	18.7	53	2.73	273
557793		4.56	0.010	0.83	7.65	63.2	210	2.27	0.17	1.34	2.72	80.3	18.7	93	4.83	169.5
557794		4.77	0.019	1.85	3.45	48.6	90	1.02	0.22	4.15	4.70	41.1	12.3	55	2.77	314
557795		4.77	0.017	2.34	4.24	78.8	110	1.85	0.45	0.73	8.26	52.8	25.1	64	3.96	383
557796		0.31	0.002	0.01	0.07	<0.2	10	<0.05	0.01	31.3	0.02	0.92	0.7	1	<0.05	1.1
557797		3.76	0.014	1.45	2.89	17.5	140	1.51	0.21	2.56	17.80	60.2	14.3	61	2.38	269
557798		1.73	<0.001	0.40	6.07	15.7	340	2.28	0.18	0.49	3.41	83.6	20.2	55	3.47	113.5
557799		3.51	0.015	1.38	4.51	14.4	210	2.11	0.60	1.34	2.34	68.5	26.1	51	2.56	216
557800		4.82	0.011	1.51	4.56	6.7	240	2.63	0.46	1.41	2.25	68.9	26.2	53	3.00	207

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CERTIFICAT D'ANALYSE VO18211354

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557781		16.85	4.94	0.18	0.9	0.490	0.036	0.53	27.7	13.6	2.07	5550	103.5	0.02	3.2	243
557782		15.60	6.68	0.18	1.2	0.914	0.081	0.96	29.4	15.2	1.47	2300	127.5	0.05	3.5	300
557783		11.75	10.85	0.19	2.1	0.982	0.086	1.69	32.6	20.7	1.00	1180	91.6	0.08	5.2	241
557784		14.05	8.27	0.18	1.5	1.855	0.068	1.28	24.5	17.1	0.46	447	124.5	0.05	3.4	351
557785		13.40	6.17	0.19	1.3	0.793	0.052	0.94	32.7	13.0	0.90	1500	150.5	0.06	2.5	353
557786		15.45	7.04	0.21	1.3	1.145	0.045	1.04	30.1	14.6	0.82	1220	141.5	0.07	3.5	328
557787		16.60	9.65	0.26	1.5	2.55	0.080	1.51	28.2	20.2	0.63	476	142.5	0.07	4.4	380
557788		15.75	7.47	0.21	1.2	2.36	0.088	1.15	28.0	14.8	0.64	613	150.5	0.03	2.9	388
557789		6.91	19.25	0.10	3.5	0.027	0.066	0.84	20.7	13.7	2.71	868	2.52	1.63	20.1	138.0
557790		14.70	7.17	0.19	1.3	2.01	0.094	1.12	26.2	13.1	0.78	913	159.0	0.04	3.1	409
557791		13.35	9.35	0.17	1.6	2.04	0.117	1.49	31.0	18.6	0.95	810	148.0	0.06	5.5	375
557792		14.70	9.12	0.17	1.4	0.897	0.096	1.33	28.9	15.1	1.24	1400	103.5	0.12	4.1	236
557793		9.82	21.2	0.15	5.0	0.349	0.072	3.33	45.2	26.1	1.04	463	23.0	0.16	16.6	119.0
557794		12.15	8.98	0.15	1.8	0.406	0.050	1.41	25.1	14.0	2.13	2390	76.0	0.07	3.7	205
557795		15.20	11.85	0.18	1.9	0.566	0.048	1.81	31.0	20.7	0.69	455	98.0	0.12	4.4	243
557796		0.10	0.21	0.09	<0.1	<0.005	<0.005	0.01	1.1	1.0	1.16	85	0.16	0.02	0.1	0.6
557797		7.35	9.06	0.15	2.2	0.706	0.064	1.26	30.6	17.3	1.28	1020	56.0	0.07	2.6	152.5
557798		4.10	17.05	0.13	3.6	0.177	0.098	2.62	36.0	44.8	1.03	240	2.20	0.11	4.1	46.8
557799		13.25	13.05	0.14	2.6	0.153	0.068	1.66	32.1	36.4	1.73	1060	6.75	0.06	2.1	70.7
557800		13.00	13.00	0.15	2.5	0.195	0.067	2.09	31.7	29.3	1.52	1200	7.03	0.06	2.0	64.2

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Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557781		3750	36.2	27.7	0.065	8.61	4.54	3.9	18	0.6	96.1	0.18	0.40	2.18	0.043	1.47
557782		1710	58.5	41.9	0.094	>10.0	8.53	5.4	21	0.8	73.7	0.21	0.53	3.46	0.066	2.61
557783		1730	40.4	63.5	0.069	8.33	4.31	7.6	20	1.3	66.2	0.31	0.32	4.09	0.097	3.55
557784		1280	90.1	51.1	0.109	>10.0	17.45	7.0	24	1.0	28.2	0.23	0.78	3.71	0.070	3.94
557785		2830	38.3	37.9	0.105	8.00	1.80	4.7	28	0.8	52.0	0.16	0.10	3.17	0.051	2.28
557786		1920	78.6	42.6	0.081	>10.0	8.91	5.9	27	0.8	46.2	0.21	0.62	3.31	0.067	2.97
557787		840	128.5	59.4	0.132	>10.0	24.6	7.9	22	1.1	33.1	0.31	0.91	4.52	0.073	5.30
557788		1190	120.0	47.1	0.119	>10.0	20.6	6.3	24	0.9	37.0	0.21	0.73	3.53	0.061	4.29
557789		1080	13.9	30.1	<0.002	0.03	1.04	19.2	1	1.7	332	1.06	<0.05	4.43	0.862	0.19
557790		1380	102.5	45.2	0.110	>10.0	14.70	5.9	23	0.8	46.2	0.20	0.63	3.40	0.064	3.89
557791		1200	87.8	56.3	0.137	>10.0	12.65	8.5	22	1.3	46.1	0.35	0.59	4.24	0.125	4.36
557792		1110	57.6	48.0	0.069	>10.0	6.84	7.5	16	1.1	64.9	0.26	0.45	3.67	0.079	3.22
557793		520	23.9	94.4	0.022	7.00	2.85	17.6	5	2.2	57.3	0.95	0.29	6.74	0.254	5.72
557794		1670	42.3	46.6	0.045	7.58	4.65	7.5	13	1.0	94.4	0.25	0.28	3.07	0.096	2.64
557795		670	57.9	67.7	0.060	>10.0	6.39	9.7	20	1.3	34.2	0.29	0.54	4.39	0.085	3.66
557796		50	<0.5	0.3	<0.002	<0.01	<0.05	0.2	2	<0.2	78.7	<0.05	<0.05	0.06	<0.005	<0.02
557797		1690	30.9	50.5	0.056	4.08	2.98	5.6	14	1.1	74.7	0.17	0.15	5.23	0.057	2.40
557798		540	9.7	99.4	0.006	2.14	0.39	11.5	4	2.4	32.7	0.28	0.14	10.35	0.122	3.81
557799		2550	17.8	71.0	0.024	5.87	1.97	9.5	8	1.6	64.0	0.13	0.36	8.33	0.073	2.32
557800		2580	16.5	88.2	0.022	5.89	1.90	9.4	7	1.8	76.6	0.13	0.29	8.15	0.087	2.55

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211354

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557781		41.4	840	1.5	31.4	1240	39.7
557782		56.0	1160	2.9	26.3	2370	51.7
557783		46.1	859	2.3	26.8	2210	85.5
557784		55.4	1240	2.6	25.1	3220	64.1
557785		66.7	1280	2.4	29.6	2730	57.0
557786		59.6	1180	2.6	28.2	2050	55.9
557787		56.4	1480	3.1	18.9	3410	61.1
557788		59.6	1400	2.9	21.1	3240	52.2
557789		1.1	141	1.9	19.1	125	145.0
557790		58.3	1440	3.0	26.5	2770	55.9
557791		55.4	1720	4.0	27.4	3160	69.2
557792		40.6	755	2.2	20.6	1740	60.5
557793		16.2	208	1.6	15.9	473	200
557794		29.6	647	1.7	17.6	744	68.1
557795		36.6	689	2.1	16.8	1200	74.8
557796		0.4	2	<0.1	1.9	4	1.4
557797		37.3	650	1.1	21.3	2560	78.2
557798		3.5	234	1.3	10.0	437	122.5
557799		10.3	282	0.6	16.7	323	91.3
557800		11.3	308	0.8	14.3	329	88.2

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 16-SEPT-2018
Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18211354

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 13-SEPT-2018
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CERTIFICAT VO18211359

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-036

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

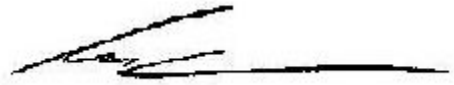
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18211359

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555461		3.20	<0.001	0.05	0.79	7.6	40	0.55	0.02	1.07	0.26	10.60	13.0	21	3.48	12.3
555462		2.54	<0.001	0.04	0.86	0.2	50	0.49	0.02	0.44	0.24	11.15	10.4	25	3.97	13.4
555463		2.33	<0.001	0.05	1.16	0.2	70	0.73	0.02	1.29	0.39	16.80	11.5	28	2.27	16.0
555464		2.69	<0.001	0.07	1.86	0.3	80	1.22	0.05	0.88	0.49	21.5	16.0	46	1.21	17.8
555465		3.26	<0.001	0.08	1.56	0.3	60	0.91	0.08	0.84	0.45	17.10	12.4	39	0.97	17.3
555466		0.30	<0.001	<0.01	0.06	<0.2	10	0.07	0.02	32.7	<0.02	0.95	1.3	1	<0.05	1.0
555467		1.99	<0.001	0.43	0.33	3.1	10	0.18	0.13	7.12	0.25	18.70	8.4	20	0.10	42.7
555468		3.40	<0.001	0.04	0.03	0.7	<10	0.18	0.01	2.49	0.05	9.50	1.8	15	<0.05	4.2
555469		1.29	<0.001	0.03	0.02	1.6	<10	0.14	0.02	1.48	0.03	6.23	1.2	10	<0.05	1.8
555470		2.43	<0.001	0.02	0.08	0.8	<10	0.26	0.02	3.87	0.05	11.45	2.4	23	<0.05	2.3
555471		2.35	<0.001	0.02	0.05	0.8	<10	0.18	0.02	2.45	0.04	5.64	1.5	12	<0.05	1.3
555472		2.23	<0.001	0.02	0.09	1.4	<10	0.27	0.02	2.30	0.03	6.20	1.7	12	<0.05	1.0
555473		2.29	<0.001	0.02	0.18	2.7	10	1.22	0.02	1.91	0.02	10.25	4.1	14	0.08	2.3
555474		2.38	<0.001	0.06	0.59	16.3	30	0.93	0.02	4.92	0.06	12.85	7.3	17	0.35	4.6
555475		2.19	<0.001	0.04	0.44	2.3	20	0.68	0.02	2.40	0.03	9.08	5.3	17	0.31	6.0
555476		2.43	<0.001	0.03	0.93	2.3	10	1.39	0.04	1.51	0.05	16.95	8.7	27	0.09	11.7
555477		2.34	<0.001	0.04	0.70	3.1	10	0.88	0.03	1.82	0.06	11.35	6.8	22	0.14	7.4
555478		2.35	<0.001	0.05	0.75	3.0	10	1.20	0.03	2.56	0.07	12.55	8.8	20	0.51	10.2
555479		0.07	0.669	0.23	7.13	20.4	320	1.45	0.15	4.38	0.18	49.3	43.4	186	1.93	54.5
555480		2.35	<0.001	0.03	0.62	0.6	10	0.60	0.02	1.77	0.10	11.15	8.2	16	0.16	6.6

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QUEBEC QC G1K 7R1

Finalisée date: 13-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211359

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555461		20.3	3.34	0.09	0.4	0.008	0.017	0.40	5.8	9.0	2.91	15150	1.11	0.01	4.0	14.7
555462		21.7	3.62	0.10	0.4	<0.005	0.014	0.38	6.1	10.6	3.01	15100	1.08	0.01	3.9	12.8
555463		21.6	5.17	0.12	0.6	<0.005	0.021	0.57	8.4	10.2	2.72	23000	1.17	0.01	5.0	16.7
555464		23.5	9.16	0.13	1.1	<0.005	0.032	0.95	11.9	13.4	2.75	33800	1.29	0.05	8.6	32.1
555465		18.85	7.46	0.09	0.9	0.005	0.028	0.80	9.0	9.1	2.30	27500	1.02	0.02	6.3	23.2
555466		0.23	0.15	<0.05	<0.1	<0.005	0.005	0.01	1.1	0.8	1.31	221	<0.05	0.03	0.1	<0.2
555467		11.40	1.54	0.07	0.4	0.018	0.025	0.03	10.1	6.2	3.95	3550	3.20	<0.01	3.1	35.6
555468		14.95	0.22	0.07	<0.1	0.006	0.006	<0.01	5.8	0.8	3.24	2670	0.24	<0.01	0.4	6.5
555469		14.25	0.16	0.06	<0.1	0.006	<0.005	<0.01	3.9	0.6	2.70	2140	0.18	<0.01	0.3	6.7
555470		15.05	0.70	0.07	0.2	0.005	<0.005	<0.01	6.7	2.4	3.80	2680	0.42	<0.01	1.4	12.3
555471		12.75	0.32	0.05	<0.1	0.006	<0.005	<0.01	3.6	1.5	2.82	2220	0.39	<0.01	0.4	4.7
555472		14.25	0.72	0.06	0.1	<0.005	<0.005	<0.01	3.8	2.3	2.96	2540	0.29	0.01	0.7	3.9
555473		17.85	1.17	0.09	0.2	0.007	0.005	0.03	6.4	3.6	3.08	5820	0.53	0.02	1.1	6.6
555474		19.90	3.60	0.10	0.5	0.005	0.018	0.19	6.8	9.3	3.74	11550	0.74	0.01	4.1	8.5
555475		15.55	2.33	0.08	0.3	<0.005	0.011	0.18	4.8	6.3	2.38	9080	0.39	0.01	3.2	6.8
555476		21.6	4.61	0.10	0.7	<0.005	0.019	0.03	8.8	12.3	2.82	15200	0.56	0.02	6.2	14.6
555477		16.35	3.75	0.07	0.5	0.007	0.012	0.04	6.1	8.2	2.30	14150	0.50	<0.01	4.6	9.6
555478		19.25	3.92	0.10	0.6	0.005	0.011	0.05	6.8	8.3	2.88	16700	0.73	<0.01	5.1	13.6
555479		7.22	18.85	0.11	3.6	0.028	0.062	0.87	22.1	13.7	2.84	939	2.36	1.69	19.5	140.5
555480		19.85	3.55	0.10	0.4	<0.005	0.013	0.09	6.1	5.4	2.29	26800	0.68	<0.01	3.6	10.8

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CERTIFICAT D'ANALYSE VO18211359

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555461		340	3.1	22.2	<0.002	0.23	0.30	2.1	1	0.3	111.5	0.21	<0.05	0.63	0.078	0.12
555462		380	1.4	22.3	<0.002	0.27	0.12	2.5	1	0.2	37.5	0.22	<0.05	0.64	0.084	0.12
555463		1450	2.6	25.7	<0.002	0.33	0.12	3.9	1	0.4	146.0	0.30	<0.05	1.00	0.117	0.11
555464		860	5.9	35.1	0.002	0.39	0.17	6.7	1	0.5	90.3	0.48	<0.05	1.76	0.205	0.10
555465		660	13.4	24.9	0.002	0.44	0.16	5.3	1	0.4	90.3	0.40	<0.05	1.36	0.169	0.07
555466		60	<0.5	0.3	<0.002	<0.01	0.10	0.2	1	<0.2	79.4	<0.05	<0.05	0.06	0.005	<0.02
555467		650	5.9	1.0	0.003	2.73	0.62	1.7	2	<0.2	137.5	0.15	0.24	0.74	0.026	0.05
555468		310	0.7	0.1	<0.002	0.42	0.12	0.2	<1	<0.2	35.5	<0.05	<0.05	0.09	<0.005	<0.02
555469		190	0.7	<0.1	<0.002	0.27	0.15	0.1	<1	<0.2	14.5	<0.05	<0.05	0.05	<0.005	<0.02
555470		290	1.3	0.1	<0.002	0.16	0.17	0.4	1	<0.2	46.5	0.07	<0.05	0.39	0.016	<0.02
555471		180	0.9	0.1	<0.002	0.17	0.15	0.1	1	<0.2	33.5	<0.05	<0.05	0.09	<0.005	<0.02
555472		180	1.2	0.1	<0.002	0.17	0.13	0.2	1	<0.2	22.6	0.05	<0.05	0.17	<0.005	<0.02
555473		310	1.6	1.9	<0.002	0.13	0.12	0.5	1	<0.2	17.8	0.05	<0.05	0.27	0.015	0.03
555474		470	1.7	8.2	0.002	0.09	0.11	1.5	1	0.2	55.1	0.26	<0.05	0.83	0.063	0.08
555475		350	1.3	7.2	<0.002	0.11	0.10	1.4	1	0.2	28.2	0.19	<0.05	0.51	0.058	0.06
555476		610	3.9	1.0	<0.002	0.21	0.15	3.1	1	0.2	26.5	0.38	0.05	1.01	0.138	<0.02
555477		430	1.4	1.8	<0.002	0.13	0.12	2.1	1	0.2	31.9	0.27	<0.05	0.75	0.077	0.02
555478		500	2.1	3.0	<0.002	0.18	0.12	2.2	1	0.2	57.3	0.28	0.05	0.78	0.102	0.04
555479		1110	13.9	40.0	<0.002	0.02	1.03	19.2	<1	1.7	338	1.15	<0.05	5.03	0.892	0.19
555480		510	1.6	3.1	<0.002	0.09	0.11	2.2	1	0.2	72.0	0.19	<0.05	0.60	0.074	0.02

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211359

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555461		0.4	58	0.1	4.9	34	18.9
555462		0.4	64	0.3	4.1	33	19.9
555463		0.7	97	0.1	9.8	42	28.1
555464		1.4	177	0.2	8.5	60	48.3
555465		1.0	142	0.2	6.2	51	38.2
555466		0.1	1	0.1	2.2	3	1.4
555467		1.4	25	0.4	8.0	33	17.0
555468		0.2	4	0.1	4.6	10	2.3
555469		0.1	4	0.1	3.1	7	1.3
555470		0.2	10	0.2	5.5	11	9.0
555471		0.3	7	0.1	3.9	8	2.4
555472		0.2	9	0.1	4.1	7	4.8
555473		0.5	16	0.2	5.5	8	9.7
555474		0.4	53	1.7	6.7	14	21.9
555475		0.3	38	0.7	4.7	12	14.0
555476		0.7	89	0.5	7.0	18	31.2
555477		0.5	64	0.3	5.5	13	22.5
555478		0.5	65	0.4	6.0	14	25.5
555479		1.1	143	2.1	20.2	128	147.5
555480		0.3	57	0.2	5.6	16	18.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

2103 Dollarton Hwy
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À: **MINIÈRE OSISKO INC.**
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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 13-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211359

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18211361

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-037

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 13-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211361

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555481		1.98	<0.001	0.04	0.40	3.2	20	0.50	0.02	0.93	0.16	8.91	6.9	21	0.16	5.1
555482		2.77	<0.001	0.04	0.90	2.4	40	1.14	0.03	1.37	0.14	16.10	9.6	27	0.65	9.3
555483		2.60	<0.001	0.03	0.87	1.0	40	1.43	0.03	3.36	0.05	16.45	8.3	25	0.62	9.7
555484		2.59	<0.001	0.02	0.62	6.8	20	0.87	0.03	1.62	0.03	12.10	7.4	22	0.50	9.2
555485		2.34	<0.001	0.02	0.59	8.3	40	1.06	0.02	2.56	0.03	13.25	6.9	24	0.53	6.9
555486		0.29	<0.001	<0.01	0.10	0.2	20	0.07	0.01	31.8	0.02	0.90	0.8	2	<0.05	1.0
555487		2.57	<0.001	0.04	0.62	1.7	40	1.26	0.02	1.98	0.02	13.55	7.5	25	0.36	8.6
555488		2.44	<0.001	0.02	0.64	1.9	50	1.39	0.02	2.15	<0.02	13.75	7.0	18	0.51	4.7
555489		2.57	<0.001	0.01	0.41	4.0	20	0.90	0.02	4.19	0.04	13.45	7.4	14	0.17	4.3
555490		2.34	<0.001	0.01	0.13	0.2	<10	0.26	0.01	3.30	0.04	6.61	1.6	12	0.07	2.6
555491		3.22	<0.001	0.06	0.12	11.6	<10	0.33	0.02	8.73	0.09	18.25	3.6	12	0.13	6.7
555492		2.78	0.004	0.28	2.53	8.8	90	1.62	0.13	4.94	1.16	56.7	11.2	32	3.54	49.4
555493		3.99	0.003	0.30	6.21	2.0	170	3.01	0.20	3.66	4.72	134.0	14.9	58	5.39	43.1
555494		2.72	<0.001	0.08	0.19	13.2	10	0.28	0.03	4.14	0.10	14.80	5.6	30	0.46	15.0
555495		3.67	<0.001	0.07	0.03	6.7	<10	0.21	0.01	0.67	<0.02	4.36	1.6	22	0.05	1.8
555496		2.41	<0.001	0.01	0.81	39.7	60	1.13	0.02	15.15	0.06	28.6	13.2	123	2.12	5.6
555497		2.72	<0.001	0.03	0.17	0.7	10	0.37	0.02	11.25	0.06	6.60	2.6	9	0.26	3.7
555498		2.59	<0.001	0.03	0.31	2.1	20	0.70	0.03	2.25	0.03	9.41	7.7	13	0.14	4.6
555499		0.07	2.54	0.42	6.66	11.7	310	1.17	0.17	4.75	0.08	41.4	53.5	305	0.65	82.6
555500		2.60	0.001	0.06	0.66	3.9	40	1.22	0.04	2.31	0.07	15.90	9.6	23	0.51	10.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 13-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211361

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555481		14.80	2.53	0.07	0.3	<0.005	0.008	0.16	4.8	2.3	1.41	25100	0.51	0.01	2.4	8.6
555482		20.2	4.86	0.11	0.6	<0.005	0.015	0.31	8.2	8.4	2.50	23400	0.58	0.01	5.9	14.7
555483		20.1	4.67	0.09	0.7	<0.005	0.017	0.24	8.4	10.5	3.18	18950	0.63	0.01	6.2	13.8
555484		21.8	3.70	0.09	0.5	0.010	0.014	0.12	6.6	7.1	2.89	14500	0.39	<0.01	4.6	10.8
555485		16.50	3.29	0.08	0.5	<0.005	0.015	0.25	6.9	8.2	2.45	10800	0.48	0.01	4.2	9.9
555486		0.25	0.26	<0.05	0.1	<0.005	<0.005	0.01	1.0	1.1	1.57	197	<0.05	0.05	0.1	<0.2
555487		19.70	3.36	0.09	0.6	<0.005	0.017	0.22	6.8	7.6	2.68	11400	0.58	<0.01	4.6	9.7
555488		20.0	3.63	0.09	0.6	<0.005	0.013	0.27	7.0	8.3	2.78	11750	0.58	<0.01	5.9	8.7
555489		18.80	2.54	0.09	0.4	<0.005	0.011	0.09	7.3	5.7	3.29	9080	0.73	0.01	3.8	9.3
555490		15.40	0.93	0.07	<0.1	0.014	<0.005	0.02	4.0	2.1	3.52	3020	0.24	0.02	0.4	5.2
555491		14.30	0.89	0.08	0.1	0.012	0.005	0.03	10.6	2.6	5.25	3100	0.72	<0.01	2.8	11.1
555492		9.04	11.55	0.12	6.4	0.081	0.056	1.32	28.3	20.9	2.49	2150	10.10	0.13	47.6	36.0
555493		8.54	24.8	0.21	16.7	0.176	0.111	2.76	63.6	39.9	1.89	1340	14.05	1.08	102.0	48.0
555494		15.55	1.45	0.08	0.5	0.019	0.023	0.11	8.2	3.1	3.91	2970	0.61	0.01	4.3	19.6
555495		13.10	0.33	0.07	<0.1	0.005	<0.005	0.01	2.6	0.7	2.29	2130	0.38	<0.01	0.4	4.1
555496		8.77	3.68	0.07	0.6	0.025	0.009	0.39	19.1	19.5	6.73	2740	2.23	0.02	8.0	38.6
555497		15.00	1.23	<0.05	0.1	0.009	0.007	0.02	3.9	4.7	5.65	4830	0.51	<0.01	0.6	6.9
555498		21.9	1.72	0.07	0.3	0.005	0.008	0.08	5.1	5.1	3.07	10750	0.73	<0.01	2.4	10.6
555499		7.60	18.50	0.09	3.4	0.057	0.059	0.97	21.2	8.8	5.58	1060	2.97	2.03	28.2	351
555500		21.7	3.50	0.08	0.6	<0.005	0.020	0.32	8.3	12.7	3.06	13250	0.74	0.01	5.5	12.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 13-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211361

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555481		450	1.0	4.5	<0.002	0.08	0.12	1.5	<1	0.2	77.8	0.13	<0.05	0.42	0.053	0.02
555482		610	1.5	10.7	<0.002	0.22	0.18	2.9	<1	0.3	53.0	0.32	0.05	0.95	0.121	0.07
555483		540	1.9	8.4	<0.002	0.17	0.15	2.8	1	0.3	71.3	0.34	<0.05	1.02	0.118	0.07
555484		490	1.4	5.0	<0.002	0.16	0.15	2.0	1	0.2	29.2	0.28	<0.05	0.70	0.100	0.06
555485		400	1.4	8.6	<0.002	0.14	0.15	1.9	1	0.3	42.0	0.24	<0.05	0.77	0.077	0.09
555486		80	<0.5	0.3	<0.002	<0.01	0.11	0.4	1	<0.2	76.3	<0.05	<0.05	0.07	0.010	<0.02
555487		410	1.4	7.3	<0.002	0.21	0.13	1.8	<1	0.4	35.1	0.27	<0.05	0.92	0.074	0.07
555488		370	1.3	9.9	<0.002	0.16	0.12	1.7	1	0.4	36.3	0.36	<0.05	0.93	0.080	0.12
555489		540	1.5	3.4	<0.002	0.20	0.13	1.2	1	0.2	64.7	0.21	<0.05	0.72	0.051	0.05
555490		180	1.3	0.6	<0.002	0.11	0.11	0.3	<1	<0.2	64.6	<0.05	<0.05	0.10	0.005	<0.02
555491		380	3.9	1.4	<0.002	0.48	0.20	0.6	1	<0.2	132.5	0.17	<0.05	0.30	0.027	0.03
555492		580	26.3	46.3	0.008	3.10	0.88	5.3	2	2.6	147.0	2.49	0.24	5.62	0.119	0.77
555493		480	74.0	83.3	0.013	3.70	0.89	9.3	3	6.1	101.0	6.41	0.32	15.50	0.179	1.19
555494		490	2.5	5.1	<0.002	1.22	0.18	0.8	1	0.2	66.6	0.24	0.08	0.70	0.060	0.10
555495		230	0.6	0.5	<0.002	0.21	0.10	0.1	1	<0.2	7.5	<0.05	<0.05	0.06	<0.005	0.02
555496		900	2.6	19.4	0.003	0.08	0.13	2.8	1	0.4	120.0	0.48	<0.05	1.94	0.169	0.26
555497		130	3.5	2.1	<0.002	0.01	0.30	0.6	1	<0.2	114.0	<0.05	<0.05	0.20	0.013	0.03
555498		400	1.3	3.5	<0.002	0.13	0.12	1.0	1	<0.2	32.1	0.12	<0.05	0.40	0.040	0.03
555499		1840	4.6	31.2	<0.002	0.03	0.39	22.2	1	1.3	461	1.67	0.08	2.68	1.045	0.06
555500		580	1.9	12.6	<0.002	0.17	0.15	2.1	1	0.4	35.6	0.35	0.05	1.06	0.097	0.08

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211361

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555481		0.2	40	0.2	4.0	14	12.2
555482		0.6	83	0.4	6.2	24	28.8
555483		0.7	81	0.7	7.5	14	33.3
555484		0.4	56	0.6	5.9	11	22.3
555485		0.4	52	0.8	5.2	11	20.3
555486		0.2	3	<0.1	1.9	3	1.8
555487		0.5	52	0.8	6.2	11	24.9
555488		0.5	53	0.6	6.3	10	25.4
555489		0.4	33	0.5	6.6	10	18.6
555490		0.1	9	0.1	4.4	11	2.2
555491		0.7	12	0.4	9.5	18	6.6
555492		4.6	77	1.1	27.5	127	252
555493		9.7	125	1.5	43.4	436	>500
555494		0.4	16	0.4	8.2	37	20.3
555495		0.1	4	0.2	3.2	5	2.1
555496		1.5	41	0.6	17.2	9	22.1
555497		0.1	13	0.4	9.1	9	5.2
555498		0.3	26	0.4	5.6	7	11.7
555499		0.6	142	3.2	21.3	100	144.5
555500		0.5	57	0.8	7.2	20	30.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 13-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211361

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18211363

Projet: Kan

Bon de commande #: KANDH18-082

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

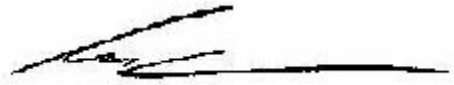
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211363

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557621		3.11	0.023	1.40	5.89	102.0	130	1.77	0.26	1.76	8.65	63.2	29.5	87	3.72	134.0
557622		3.92	0.003	0.42	4.05	27.2	200	1.63	0.22	4.12	1.04	57.2	14.3	45	2.12	113.0
557623		5.24	0.003	0.54	3.51	50.6	180	2.08	0.31	2.25	1.00	54.5	22.4	41	1.86	117.0
557624		3.26	0.016	1.58	2.88	30.6	160	2.16	0.31	1.37	19.65	56.6	21.8	66	2.70	337
557625		3.94	0.025	2.60	2.78	38.8	150	1.99	0.43	1.98	16.70	53.9	22.5	52	3.27	384
557626		3.22	0.010	1.53	2.29	71.9	30	0.57	0.23	2.89	0.23	38.7	38.9	28	0.34	464
557627		4.84	0.007	1.37	4.00	327	190	6.33	0.26	2.23	0.17	61.2	15.9	45	1.49	435
557628		4.54	0.016	1.33	2.60	33.1	150	1.96	0.31	1.19	17.25	52.4	16.0	62	2.73	345
557629		0.07	2.54	0.46	6.72	11.7	310	1.23	0.15	4.61	0.09	43.8	52.2	304	0.68	84.3
557630		4.35	0.028	1.73	2.49	62.9	110	1.47	0.39	1.78	17.50	62.2	24.8	58	3.50	467
557631		4.21	0.026	1.50	2.41	115.5	110	1.44	0.36	0.78	17.25	58.3	26.3	63	4.39	271
557632		4.60	0.027	1.39	3.23	122.0	120	1.43	0.32	2.38	9.14	45.9	18.5	59	3.51	257
557633		4.82	0.030	1.42	5.39	168.5	100	2.12	0.29	1.03	7.82	58.6	20.1	70	3.97	302
557634		5.03	0.041	1.66	5.30	216	90	1.71	0.32	0.89	8.06	55.8	21.0	70	3.83	194.0
557635		4.76	0.034	1.31	5.66	195.0	140	1.53	0.29	2.20	7.10	57.9	20.5	70	4.02	126.5
557636		0.35	0.001	<0.01	0.18	0.5	10	0.07	0.01	31.6	0.02	1.20	1.1	3	<0.05	4.5
557637		4.55	0.052	1.97	3.60	165.5	110	0.95	0.33	1.82	7.46	45.4	20.8	59	3.74	178.0
557638		4.91	0.050	1.94	4.99	223	100	1.25	0.52	1.04	7.45	56.0	24.4	66	4.00	104.0
557639		5.05	0.009	0.87	8.43	78.4	200	1.73	0.23	1.59	4.38	69.1	24.8	93	5.99	98.4
557640		4.64	0.017	0.95	8.43	84.8	190	1.79	0.32	0.54	3.10	62.5	29.8	90	5.61	102.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211363

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557621		11.65	15.40	0.17	3.5	0.853	0.122	2.54	34.3	21.7	1.17	611	33.6	0.11	8.6	175.0
557622		9.78	11.20	0.12	2.2	0.078	0.062	1.53	25.5	32.0	2.47	2070	5.70	0.09	3.2	55.6
557623		16.10	9.85	0.12	1.9	0.059	0.059	1.34	25.3	29.3	2.08	2240	4.05	0.07	2.6	41.0
557624		9.56	8.23	0.17	1.9	1.185	0.066	1.31	30.2	21.5	0.87	917	83.1	0.04	2.2	141.5
557625		15.10	7.35	0.18	1.9	0.877	0.067	1.21	32.5	24.6	1.25	1590	127.0	0.04	3.4	240
557626		21.3	5.99	0.14	1.2	0.102	0.011	0.16	18.7	37.0	3.21	3820	2.63	0.01	1.2	212
557627		17.85	11.00	0.14	2.5	0.068	0.029	1.07	27.8	45.5	2.61	2650	4.56	0.04	2.4	157.0
557628		9.50	7.26	0.15	1.9	0.748	0.061	1.08	31.1	22.5	0.78	991	103.0	0.03	2.4	197.5
557629		7.24	17.55	0.11	3.3	0.057	0.055	0.95	21.8	8.8	5.37	1010	3.05	1.94	28.7	342
557630		14.30	7.08	0.20	2.8	0.822	0.074	0.90	38.4	21.4	1.06	1460	191.0	0.03	7.8	395
557631		11.40	7.26	0.17	2.7	1.105	0.099	0.95	36.3	18.6	0.56	497	202	0.03	7.6	321
557632		14.00	8.42	0.15	1.7	1.065	0.086	1.30	27.5	18.0	1.24	933	118.0	0.06	6.5	253
557633		16.65	14.10	0.19	2.0	1.330	0.109	2.19	33.8	26.2	0.76	293	41.6	0.11	6.7	182.5
557634		17.30	13.25	0.20	1.7	1.490	0.114	2.25	32.0	22.4	0.63	222	37.3	0.11	5.4	188.5
557635		15.80	14.50	0.18	2.3	1.155	0.118	2.28	33.8	23.1	1.23	440	35.8	0.29	7.1	185.0
557636		0.18	0.48	0.07	0.1	0.006	<0.005	0.01	1.2	1.1	1.30	88	0.18	0.09	0.2	1.0
557637		14.80	9.57	0.16	1.7	1.165	0.166	1.51	28.2	15.4	0.93	423	115.5	0.08	6.4	237
557638		17.65	13.10	0.20	1.9	1.430	0.124	2.00	32.5	18.4	0.68	192	49.3	0.15	5.7	185.5
557639		10.85	21.9	0.15	4.6	0.524	0.116	3.32	38.9	28.9	1.17	281	16.80	0.51	12.4	108.0
557640		10.85	22.4	0.16	3.8	0.494	0.088	3.15	35.4	23.9	0.60	104	16.50	0.94	9.2	113.5

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211363

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557621		800	37.9	76.1	0.035	9.72	5.52	12.5	11	1.7	55.6	0.53	0.42	5.44	0.185	4.50
557622		1190	6.4	64.1	0.008	2.86	0.53	7.9	4	1.5	93.2	0.21	0.16	6.97	0.082	2.45
557623		2640	9.9	75.5	0.013	3.72	0.84	7.1	5	1.7	66.8	0.16	0.21	6.16	0.059	2.92
557624		2050	43.8	52.5	0.068	6.33	4.66	5.3	19	1.2	49.6	0.14	0.45	4.64	0.054	1.97
557625		2280	90.7	50.7	0.073	8.50	8.16	6.0	22	1.1	65.5	0.22	0.58	4.56	0.064	2.12
557626		3190	26.1	6.5	0.008	>10.0	3.77	3.8	6	0.3	80.7	0.08	0.39	4.23	0.027	0.34
557627		2910	21.7	42.9	0.014	7.71	2.93	7.3	6	1.3	69.0	0.12	0.31	7.31	0.050	1.52
557628		2420	46.5	42.2	0.080	6.09	4.11	5.0	18	1.1	37.7	0.17	0.35	4.36	0.054	1.86
557629		1820	4.6	31.1	<0.002	0.04	0.28	20.9	1	1.3	470	1.64	0.11	2.78	1.035	0.06
557630		2790	78.0	37.6	0.097	9.45	7.33	5.3	24	1.1	41.1	0.70	0.60	4.46	0.060	2.09
557631		1680	64.7	42.9	0.103	9.03	8.57	5.8	16	1.2	27.2	0.67	0.69	4.82	0.059	2.62
557632		1150	68.3	46.1	0.068	>10.0	7.19	7.2	14	1.1	51.0	0.42	0.53	3.84	0.080	2.87
557633		530	80.6	70.1	0.042	>10.0	8.09	10.2	14	1.3	39.6	0.38	0.55	5.15	0.120	4.21
557634		470	101.5	69.5	0.040	>10.0	10.45	10.6	12	1.3	33.4	0.32	0.61	4.63	0.122	4.66
557635		380	80.8	70.0	0.037	>10.0	8.22	10.3	11	1.5	61.1	0.46	0.57	5.10	0.136	4.23
557636		80	<0.5	0.2	<0.002	0.04	<0.05	1.0	2	<0.2	76.7	<0.05	<0.05	0.10	0.020	<0.02
557637		830	86.2	51.9	0.064	>10.0	8.02	7.8	12	1.3	52.4	0.41	0.57	4.05	0.091	3.51
557638		500	111.0	61.3	0.044	>10.0	11.25	8.6	12	1.3	44.0	0.38	0.77	4.92	0.106	4.08
557639		270	39.8	85.1	0.018	8.66	3.62	17.7	5	2.3	78.7	0.72	0.42	6.09	0.255	4.71
557640		240	52.8	82.8	0.016	9.76	4.19	17.2	4	2.1	78.0	0.56	0.64	5.38	0.260	4.53

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211363

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557621		19.9	380	1.6	17.6	1500	132.5
557622		5.2	217	0.7	11.3	237	77.6
557623		6.3	185	0.4	14.3	219	67.4
557624		45.2	873	1.2	27.6	3050	72.3
557625		53.9	1060	2.3	28.1	2200	71.9
557626		3.6	111	0.2	11.4	128	42.7
557627		7.2	182	0.5	13.8	123	81.3
557628		53.2	1060	1.5	30.9	2610	72.6
557629		0.6	145	3.1	20.7	105	139.5
557630		71.2	1540	2.7	36.6	2660	107.0
557631		74.2	1560	3.2	34.0	2560	113.0
557632		44.8	854	2.2	23.1	1560	70.6
557633		22.8	379	1.3	13.9	1390	80.7
557634		20.7	360	1.3	12.5	1530	66.9
557635		20.6	335	1.2	12.1	1400	86.9
557636		0.2	7	<0.1	2.5	5	3.1
557637		42.4	856	2.5	23.3	1640	70.6
557638		22.7	425	1.3	13.6	1570	74.6
557639		13.5	203	1.3	12.8	923	167.5
557640		14.1	202	1.1	11.1	609	141.5

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 16-SEPT-2018
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CERTIFICAT D'ANALYSE VO18211363

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18211367

Projet: Kan

Bon de commande #: KANDH18-083

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

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Signature:

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CERTIFICAT D'ANALYSE VO18211367

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557641		4.75	0.011	1.15	8.46	61.3	190	1.78	0.26	0.75	2.81	59.9	25.3	100	5.36	127.5
557642		4.86	0.044	1.05	8.40	78.4	180	1.60	0.24	0.83	4.08	66.3	24.6	88	5.76	152.5
557643		4.94	0.023	1.05	7.15	84.2	180	1.57	0.20	2.61	4.71	63.7	20.3	74	5.62	122.0
557644		4.79	0.068	1.67	3.97	120.5	120	1.13	0.28	2.86	14.15	53.0	18.6	58	3.79	150.0
557645		4.96	0.064	1.99	3.99	160.0	100	1.16	0.33	1.66	6.87	45.6	32.7	56	3.61	153.5
557646		2.75	0.059	2.83	5.13	173.5	100	1.55	0.45	0.46	10.55	53.8	22.8	69	4.22	95.3
557647		4.93	0.057	2.37	5.50	92.7	110	1.73	0.50	0.65	20.5	60.8	27.5	71	4.39	232
557648		2.89	0.005	0.57	4.15	11.0	180	1.98	0.36	1.73	0.17	72.1	18.6	59	2.21	80.7
557649		0.07	7.63	1.34	5.90	35.6	300	1.10	0.50	2.79	0.08	31.5	41.6	304	0.67	113.0
557650		5.13	0.004	0.26	7.27	3.1	510	3.68	0.25	0.29	0.15	60.7	18.0	91	23.3	28.6
557651		4.82	0.002	0.33	7.23	35.2	430	2.91	0.18	0.40	0.18	53.8	19.3	104	20.7	53.0
557652		2.36	<0.001	0.04	0.70	2.8	20	0.57	0.01	1.42	0.29	11.50	6.9	20	0.31	5.9
557653		2.38	<0.001	0.03	0.54	3.7	10	0.47	0.02	3.81	0.14	8.77	7.9	20	0.93	5.4
557654		2.36	<0.001	0.06	0.50	291	10	0.51	0.02	2.42	0.09	8.90	12.5	14	1.15	6.4
557655		2.45	<0.001	0.02	0.79	1.7	10	0.82	0.03	2.73	0.11	13.00	8.5	20	1.77	8.6
557656		0.36	<0.001	<0.01	0.07	<0.2	20	<0.05	0.01	31.9	0.02	0.92	0.4	1	<0.05	0.7
557657		2.44	<0.001	0.02	0.69	36.1	10	0.94	0.03	1.83	0.05	11.55	9.1	20	0.73	11.2
557658		2.88	<0.001	0.04	1.00	2.6	10	1.17	0.02	1.93	0.06	18.15	10.7	26	0.74	12.9
557659		2.42	<0.001	0.03	0.62	1.3	30	1.03	0.02	1.30	0.04	10.70	6.6	20	0.13	7.9
557660		2.71	<0.001	0.03	1.18	12.3	30	3.08	0.04	1.21	0.03	19.05	10.8	31	0.22	15.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211367

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557641		11.10	20.7	0.15	3.5	0.333	0.086	3.21	34.4	26.0	0.74	142	12.20	0.70	6.5	127.0
557642		11.90	22.4	0.17	4.1	0.455	0.092	3.19	37.0	28.6	0.80	131	17.15	0.70	8.2	138.5
557643		11.00	19.50	0.15	3.8	0.413	0.089	3.01	36.3	23.6	1.41	330	19.80	0.24	7.9	149.5
557644		14.25	10.20	0.18	1.9	0.737	0.126	1.63	32.3	17.8	1.36	656	96.3	0.16	6.2	257
557645		17.25	10.65	0.17	1.6	0.670	0.064	1.53	27.0	19.8	1.01	407	68.5	0.08	4.2	254
557646		16.35	13.10	0.18	2.0	1.010	0.076	2.15	31.2	20.1	0.44	107	64.2	0.12	4.3	161.0
557647		18.25	14.60	0.22	2.2	0.779	0.129	2.34	34.9	22.5	0.54	143	53.3	0.12	4.0	199.0
557648		10.35	12.90	0.13	3.8	0.031	0.049	1.46	37.8	30.1	1.37	1210	24.4	0.07	8.2	70.5
557649		5.33	15.05	0.08	2.5	0.171	0.054	1.02	15.7	16.0	3.82	701	6.29	1.15	16.8	238
557650		10.45	19.45	0.11	1.9	<0.005	0.048	3.49	31.3	57.5	1.75	2550	1.91	0.19	7.2	41.2
557651		13.00	20.2	0.12	2.0	<0.005	0.050	3.31	28.4	52.1	1.85	2720	6.74	0.19	8.7	61.2
557652		16.60	3.32	0.05	0.5	<0.005	0.015	0.28	6.2	4.4	1.94	22800	0.39	0.01	4.0	10.4
557653		16.95	2.73	0.05	0.4	<0.005	0.011	0.07	4.8	5.8	2.69	19050	0.49	<0.01	3.8	11.1
557654		15.90	2.62	0.05	0.4	<0.005	0.010	0.08	4.9	5.7	2.36	15900	0.46	<0.01	3.9	11.8
557655		17.70	3.94	0.06	0.6	<0.005	0.014	0.10	6.8	9.1	2.77	16300	0.38	<0.01	4.9	12.7
557656		0.13	0.19	<0.05	0.1	<0.005	<0.005	0.01	1.1	1.0	1.38	105	<0.05	0.04	0.1	0.2
557657		17.10	3.72	0.05	0.5	0.008	0.012	0.04	6.3	7.7	2.37	13950	0.38	<0.01	4.8	13.1
557658		20.8	5.20	0.05	0.7	<0.005	0.025	0.04	9.0	10.2	2.83	18250	0.54	<0.01	6.5	17.6
557659		16.55	3.26	<0.05	0.5	<0.005	0.011	0.05	5.8	6.4	2.01	17250	0.46	0.03	4.1	10.7
557660		21.8	6.49	0.05	0.9	<0.005	0.031	0.04	9.3	10.8	2.73	19150	0.55	0.02	7.3	19.6

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Projet: Kan

CERTIFICAT D'ANALYSE VO18211367

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557641		240	58.3	80.7	0.013	8.99	3.35	17.1	4	1.8	80.5	0.41	0.46	5.00	0.233	4.20
557642		250	71.8	83.1	0.019	9.91	4.26	18.2	5	2.1	80.5	0.56	0.52	5.80	0.231	4.60
557643		200	127.0	84.6	0.019	9.15	4.50	14.0	5	2.1	93.3	0.54	0.48	5.99	0.186	4.53
557644		1280	203	52.3	0.061	>10.0	7.57	7.9	11	1.2	79.8	0.41	0.44	4.39	0.110	2.93
557645		470	329	50.8	0.046	>10.0	10.85	8.4	13	1.0	54.8	0.33	0.67	4.09	0.085	3.07
557646		390	558	64.7	0.050	>10.0	10.95	8.3	11	1.2	36.0	0.30	0.84	4.95	0.092	3.97
557647		440	492	72.5	0.051	>10.0	6.12	9.6	13	1.3	42.5	0.25	0.58	5.19	0.091	3.70
557648		930	17.7	43.2	0.015	5.42	1.61	11.9	5	1.2	55.6	0.47	0.33	4.11	0.145	1.61
557649		1050	9.7	38.6	<0.002	0.09	0.74	20.9	1	1.0	270	1.00	0.24	2.49	0.649	0.20
557650		390	20.4	155.5	0.003	1.06	0.42	11.8	1	1.3	64.5	0.54	0.10	8.40	0.254	1.04
557651		380	15.2	145.0	0.007	2.07	0.46	12.9	2	1.3	90.8	0.62	0.13	7.59	0.307	0.90
557652		520	1.9	7.3	<0.002	0.20	0.11	2.4	<1	0.2	126.5	0.22	<0.05	0.71	0.088	0.03
557653		390	2.0	4.3	<0.002	0.07	0.11	1.7	<1	0.2	181.0	0.18	<0.05	0.57	0.070	0.05
557654		370	2.1	4.9	<0.002	0.09	0.16	1.6	<1	0.2	102.5	0.19	0.25	0.55	0.072	0.04
557655		500	3.3	6.7	<0.002	0.12	0.12	2.5	1	0.3	87.5	0.26	<0.05	0.90	0.112	0.06
557656		60	0.5	0.3	<0.002	<0.01	0.08	0.1	<1	<0.2	81.0	<0.05	<0.05	0.09	0.005	<0.02
557657		440	1.9	2.4	0.002	0.17	0.12	2.1	<1	0.3	29.6	0.23	0.07	0.79	0.090	0.03
557658		650	3.4	2.2	<0.002	0.22	0.15	3.1	1	0.3	27.9	0.35	<0.05	1.21	0.121	0.02
557659		440	1.5	1.5	<0.002	0.14	0.13	2.0	1	0.4	16.8	0.23	<0.05	0.69	0.081	<0.02
557660		590	2.9	1.5	<0.002	0.30	0.20	4.3	1	0.4	16.7	0.45	0.08	1.34	0.173	0.02

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Projet: Kan

CERTIFICAT D'ANALYSE VO18211367

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557641		11.4	169	0.8	9.7	546	129.5
557642		15.8	202	1.0	12.5	685	147.5
557643		15.0	210	1.0	12.9	683	138.5
557644		40.8	761	2.5	21.6	1480	73.0
557645		27.9	613	1.8	13.9	693	63.4
557646		27.5	495	1.5	12.9	1010	77.2
557647		28.3	438	1.4	13.9	1790	81.5
557648		9.2	181	1.2	14.3	44	154.5
557649		0.6	140	9.3	15.2	80	97.2
557650		3.4	136	1.3	6.9	116	72.4
557651		5.0	189	1.2	6.8	149	77.5
557652		0.3	61	0.2	4.4	30	21.8
557653		0.3	47	0.1	4.6	14	18.1
557654		0.2	47	0.2	3.9	10	17.6
557655		0.6	67	0.4	5.3	14	25.1
557656		0.1	1	<0.1	2.1	3	2.2
557657		0.5	67	0.2	5.3	11	23.2
557658		0.8	94	0.4	7.6	15	35.5
557659		0.5	59	0.3	5.3	11	20.3
557660		0.9	121	0.6	7.1	20	41.9

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Page: Annexe 1
Total # les pages d'annexe: 1
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CERTIFICAT D'ANALYSE VO18211367

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 16-SEPT-2018
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CERTIFICAT VO18211370

Projet: Kan

Bon de commande #: KANDH18-085

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18211370

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557681		2.28	0.002	0.19	7.89	4.2	420	3.60	0.16	0.19	0.15	65.0	18.4	107	12.55	38.7
557682		2.52	<0.001	0.02	0.67	1.3	20	1.69	0.02	1.81	0.15	10.75	6.5	17	1.63	6.9
557683		2.65	<0.001	0.04	0.70	1.5	30	0.81	0.04	1.11	0.29	10.65	7.9	21	5.40	11.1
557684		2.54	<0.001	0.10	0.78	0.9	30	1.10	0.07	0.81	0.41	13.85	8.7	21	1.11	7.6
557685		2.57	<0.001	0.12	1.04	4.9	50	0.97	0.16	0.96	0.47	19.35	9.7	26	10.55	4.4
557686		2.62	<0.001	0.02	0.60	1.6	30	0.55	0.01	0.78	0.41	9.45	7.0	19	10.60	8.4
557687		3.68	<0.001	0.09	0.90	11.0	50	0.79	0.01	0.81	0.58	12.40	10.4	24	4.59	11.6
557688		3.50	0.003	0.23	6.12	12.1	260	2.15	0.13	0.17	0.14	45.7	17.6	84	9.86	49.1
557689		0.07	2.54	0.43	6.57	12.3	310	1.19	0.16	4.61	0.08	43.5	54.5	302	0.65	79.6
557690		4.61	0.003	0.21	7.97	4.3	460	2.79	0.16	0.16	0.36	59.6	18.7	98	13.50	52.3
557691		4.61	0.002	0.23	8.20	2.8	490	2.99	0.18	0.09	1.77	57.5	19.3	100	13.30	47.5
557692		4.64	0.002	0.22	7.87	2.1	480	2.97	0.26	0.18	0.37	59.8	18.5	99	15.05	41.8
557693		4.70	0.003	0.38	8.46	1.0	510	2.92	0.39	0.12	0.94	54.5	21.0	104	15.60	48.9
557694		4.66	0.002	0.21	8.09	3.4	430	2.32	0.16	0.08	1.03	64.0	20.7	95	14.95	47.1
557695		4.59	0.003	0.26	8.49	3.6	480	2.57	0.23	0.10	5.00	62.4	20.4	102	13.45	50.7
557696		0.33	<0.001	<0.01	0.19	0.2	20	0.10	0.01	30.9	0.02	1.06	0.9	2	0.07	1.0
557697		3.30	0.002	0.25	7.94	4.9	440	2.75	0.19	0.14	0.56	60.4	19.2	102	15.40	48.1
557698		3.93	<0.001	0.03	0.68	3.2	20	0.69	0.02	2.11	0.20	10.75	7.1	19	2.02	7.2
557699		2.46	<0.001	0.02	0.70	20.1	20	0.68	0.02	1.71	0.08	11.50	7.8	21	1.99	7.4
557700		2.47	0.001	0.05	0.93	5.6	20	0.95	0.03	2.11	0.21	16.10	8.5	23	0.71	10.0

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CERTIFICAT D'ANALYSE VO18211370

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557681		9.44	23.5	0.12	2.1	0.018	0.056	4.00	33.9	69.9	1.45	3210	5.37	0.04	10.3	51.7
557682		17.85	3.70	0.06	0.5	<0.005	0.013	0.23	5.8	11.4	2.89	13600	0.51	0.01	4.7	10.2
557683		16.70	3.54	0.05	0.5	0.007	0.014	0.49	5.7	16.4	2.89	14300	0.45	0.01	4.5	11.8
557684		17.80	3.91	0.06	0.6	<0.005	0.016	0.32	7.1	9.2	2.55	19950	0.62	0.07	5.7	12.6
557685		19.05	5.18	0.06	0.7	<0.005	0.018	0.59	9.4	27.1	3.45	15750	0.60	0.05	6.1	16.7
557686		16.75	3.05	0.05	0.4	<0.005	0.015	0.21	5.1	12.1	2.63	13050	0.50	0.05	4.0	9.9
557687		17.90	4.36	0.06	0.6	<0.005	0.020	0.37	6.7	11.7	2.51	18950	0.61	0.08	5.2	14.3
557688		11.30	17.75	0.08	1.6	<0.005	0.044	2.36	23.9	72.6	1.91	1120	3.70	0.14	7.9	45.7
557689		7.15	18.00	0.09	3.3	0.063	0.059	0.95	21.8	9.4	5.27	985	2.91	1.91	29.8	339
557690		7.65	21.2	0.12	2.0	<0.005	0.050	4.11	30.5	85.2	1.27	322	1.22	0.62	7.2	48.9
557691		7.37	22.6	0.11	2.2	<0.005	0.052	4.47	28.1	91.0	1.20	220	0.99	0.40	8.0	48.3
557692		7.68	21.3	0.11	2.0	<0.005	0.053	4.52	30.6	97.3	1.38	263	1.22	0.06	8.3	46.3
557693		6.88	23.6	0.11	2.2	0.008	0.054	5.15	27.1	94.7	1.10	205	1.37	0.23	8.0	51.4
557694		7.65	22.1	0.11	2.5	0.007	0.051	4.61	30.9	87.3	1.12	504	0.89	0.44	8.4	52.0
557695		7.16	22.7	0.11	2.6	0.011	0.056	4.99	30.3	88.2	1.05	867	1.02	0.44	8.5	52.0
557696		0.18	0.66	<0.05	0.1	<0.005	<0.005	0.09	1.1	1.2	1.27	93	0.05	0.05	0.1	1.1
557697		8.73	21.8	0.11	2.0	<0.005	0.053	4.38	31.5	87.4	1.38	961	1.25	0.33	8.6	49.1
557698		17.05	3.43	<0.05	0.5	<0.005	0.012	0.25	5.8	12.4	2.67	15700	0.50	<0.01	4.2	10.6
557699		17.30	3.68	<0.05	0.5	<0.005	0.015	0.18	6.2	14.1	2.75	14050	0.51	<0.01	4.6	11.2
557700		18.55	4.63	0.06	0.6	0.008	0.019	0.10	7.7	12.5	2.75	17250	0.68	0.01	5.8	15.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211370

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557681		310	8.2	182.0	0.005	1.41	0.49	14.1	2	1.5	47.9	0.73	0.05	9.49	0.309	1.24
557682		430	2.3	11.7	<0.002	0.11	0.08	2.1	1	0.3	46.7	0.23	<0.05	0.72	0.081	0.09
557683		410	11.3	28.8	<0.002	0.18	0.10	2.3	1	0.3	63.3	0.23	0.07	0.71	0.095	0.19
557684		540	11.2	9.2	<0.002	0.14	0.09	2.4	1	0.2	61.8	0.30	0.06	0.81	0.126	0.06
557685		740	58.9	32.1	0.002	0.08	0.11	3.3	<1	0.4	85.1	0.31	0.21	1.08	0.124	0.22
557686		380	2.8	9.0	<0.002	0.12	0.10	1.9	1	0.2	68.4	0.21	<0.05	0.59	0.079	0.08
557687		480	3.7	12.2	<0.002	0.22	0.10	2.9	1	0.3	85.4	0.29	<0.05	0.92	0.112	0.07
557688		250	18.8	102.5	0.007	1.00	0.38	10.8	2	1.0	49.1	0.55	0.08	7.17	0.239	0.52
557689		1760	4.9	31.2	<0.002	0.03	0.35	20.6	<1	1.4	460	1.50	0.08	2.78	1.005	0.07
557690		290	14.9	163.0	0.006	0.84	0.36	13.0	2	1.4	55.9	0.55	0.05	9.22	0.266	0.75
557691		220	15.6	168.5	0.004	0.92	0.36	13.7	1	1.5	44.0	0.62	<0.05	9.65	0.286	0.77
557692		240	23.0	183.5	0.006	0.69	0.36	13.4	2	1.4	48.1	0.61	0.09	9.05	0.279	0.82
557693		230	32.0	184.0	0.004	1.03	0.41	14.3	2	1.6	43.1	0.61	0.14	9.34	0.292	0.90
557694		180	6.7	186.0	0.002	1.12	0.30	13.2	2	1.6	40.4	0.64	<0.05	10.25	0.290	0.84
557695		220	11.3	186.5	0.003	1.17	0.39	13.7	2	1.6	46.6	0.67	0.08	10.35	0.306	0.78
557696		60	0.5	3.2	<0.002	<0.01	0.07	0.4	1	<0.2	76.1	<0.05	<0.05	0.09	0.011	0.02
557697		250	10.6	181.5	0.005	1.12	0.39	13.3	2	1.5	44.3	0.63	0.08	9.16	0.292	0.84
557698		440	2.4	12.6	<0.002	0.13	0.10	2.1	<1	0.2	85.0	0.22	<0.05	0.76	0.077	0.08
557699		470	1.6	9.1	<0.002	0.12	0.08	2.2	<1	0.3	39.2	0.22	0.05	0.70	0.086	0.07
557700		530	1.9	3.7	<0.002	0.25	0.12	2.9	1	0.3	38.0	0.32	<0.05	1.02	0.111	0.04

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QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211370

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557681		5.1	206	2.0	7.2	152	78.6
557682		0.4	64	0.3	4.9	14	22.1
557683		0.5	59	0.1	4.2	29	22.0
557684		0.5	68	0.4	5.2	22	31.0
557685		0.8	81	0.2	6.4	28	31.3
557686		0.4	49	0.1	4.3	17	19.4
557687		0.6	73	0.4	5.1	23	26.7
557688		3.5	175	1.1	5.1	213	62.2
557689		0.6	140	3.4	21.3	101	143.5
557690		2.9	168	1.8	5.7	228	72.1
557691		2.9	149	2.0	5.2	270	82.1
557692		3.3	168	1.9	5.6	272	71.4
557693		3.5	176	2.1	5.2	243	80.4
557694		2.8	119	1.8	5.5	232	94.8
557695		3.3	139	2.2	5.8	300	91.9
557696		0.1	3	<0.1	2.1	4	1.9
557697		3.7	176	2.1	6.0	231	74.8
557698		0.5	62	0.2	4.7	21	20.6
557699		0.5	67	0.2	4.9	12	22.0
557700		0.8	83	0.4	6.1	33	31.6

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CERTIFICAT D'ANALYSE VO18211370

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18211374

Projet: Kan

Bon de commande #: KANDH18-081

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

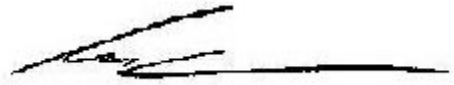
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18211374

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557601		4.94	0.021	1.18	7.60	75.0	160	3.56	0.26	1.72	5.14	63.8	22.9	78	4.45	326
557602		4.78	0.043	1.46	7.25	91.2	110	2.54	0.32	0.69	8.10	55.6	22.4	75	3.84	206
557603		4.73	0.011	0.88	8.45	56.2	290	3.16	0.20	0.85	4.70	85.5	21.8	96	4.60	201
557604		4.50	0.030	1.95	3.86	99.1	160	2.16	0.33	1.14	14.30	55.6	20.0	58	3.23	308
557605		4.38	0.044	2.34	2.57	113.0	120	1.62	0.34	1.15	24.0	61.2	23.7	59	3.43	363
557606		4.47	0.040	2.23	1.99	77.7	100	1.21	0.25	2.77	12.20	33.9	16.6	40	2.14	589
557607		4.91	0.043	1.99	2.45	163.5	110	1.40	0.33	3.79	15.65	33.8	18.4	59	2.41	433
557608		4.79	0.062	2.80	3.40	289	80	2.05	0.54	1.38	16.65	43.8	28.5	57	3.36	231
557609		0.07	0.681	0.23	7.05	21.9	330	1.49	0.16	4.35	0.24	52.5	45.4	188	2.01	58.7
557610		4.54	0.055	2.32	2.42	146.5	110	1.42	0.26	2.71	18.45	46.1	17.6	54	2.78	458
557611		4.43	0.039	1.76	2.55	235	110	1.53	0.29	4.61	13.15	34.6	20.7	53	2.66	200
557612		4.53	0.049	2.09	2.43	214	110	1.45	0.33	2.79	15.30	32.9	22.4	53	2.96	276
557613		4.22	0.087	2.46	2.78	266	130	1.59	0.44	1.24	22.6	42.1	27.5	60	3.91	253
557614		4.67	0.057	2.36	2.51	343	120	1.47	0.46	2.77	20.5	37.8	26.9	58	2.97	178.0
557615		4.31	0.040	2.43	2.39	190.5	110	1.37	0.38	1.99	16.80	38.1	24.7	55	2.68	365
557616		0.29	<0.001	0.01	0.05	0.3	10	0.07	0.01	32.9	0.05	1.09	0.6	2	<0.05	2.7
557617		4.65	0.051	2.28	2.70	171.5	120	1.47	0.41	1.53	18.10	42.7	29.5	65	2.95	304
557618		4.71	0.053	2.38	3.12	211	110	1.43	0.41	2.03	14.85	39.6	24.2	59	2.85	210
557619		4.68	0.015	1.09	7.75	83.7	240	2.43	0.26	1.13	4.46	71.4	24.5	103	4.73	160.5
557620		3.33	0.026	1.56	5.83	107.0	140	1.61	0.29	1.26	7.57	46.4	26.2	73	3.56	195.5

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211374

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557601		13.75	19.70	0.20	3.7	0.555	0.098	3.59	37.2	29.3	1.21	773	15.80	0.16	8.2	208
557602		12.70	18.10	0.17	3.1	0.849	0.125	3.37	31.9	22.9	0.68	310	18.90	0.15	7.8	172.0
557603		9.47	22.8	0.20	6.3	0.390	0.104	3.85	47.4	31.9	0.89	412	13.65	0.18	22.6	124.0
557604		10.45	10.40	0.18	2.6	1.015	0.113	1.68	35.2	18.9	0.69	773	105.5	0.08	5.9	225
557605		11.50	7.65	0.21	2.9	1.245	0.124	1.18	39.2	15.9	0.70	890	153.5	0.04	6.5	276
557606		14.20	5.53	0.19	1.0	0.651	0.040	0.92	22.2	11.2	1.23	1900	136.0	0.04	2.1	349
557607		14.25	6.46	0.18	1.1	1.170	0.047	1.15	22.1	13.4	1.80	2000	103.0	0.05	3.8	319
557608		17.10	9.39	0.25	1.4	1.745	0.054	1.60	28.3	17.9	0.81	736	112.0	0.08	6.9	299
557609		7.23	19.65	0.12	3.8	0.023	0.074	0.85	23.5	13.5	2.82	919	2.59	1.70	21.4	148.0
557610		14.25	6.83	0.20	1.3	1.085	0.066	1.13	31.1	12.1	1.19	1650	144.0	0.08	3.7	335
557611		12.80	6.83	0.16	1.2	1.290	0.046	1.19	23.9	14.3	2.22	2050	111.5	0.05	3.6	239
557612		13.80	6.49	0.16	1.1	1.305	0.051	1.12	22.7	13.3	1.39	1750	127.5	0.04	3.6	320
557613		13.90	7.59	0.19	1.2	1.920	0.075	1.29	31.3	13.3	0.75	801	220	0.04	3.1	418
557614		15.70	6.98	0.20	1.2	1.960	0.067	1.14	26.2	13.9	1.44	1420	142.0	0.04	3.5	381
557615		14.80	6.71	0.18	1.3	1.275	0.056	1.06	25.7	12.3	1.03	1300	160.0	0.04	3.1	347
557616		0.14	0.22	0.09	<0.1	<0.005	0.008	0.01	1.2	0.9	1.40	96	0.49	0.02	0.2	1.4
557617		13.30	7.47	0.15	1.3	1.295	0.079	1.19	28.4	13.6	0.90	844	147.0	0.05	3.4	272
557618		15.65	8.35	0.17	1.5	1.440	0.092	1.36	25.6	12.4	0.98	1080	128.0	0.09	4.7	292
557619		11.05	19.70	0.18	4.2	0.548	0.080	3.37	42.0	24.0	0.96	500	38.8	0.15	11.3	167.0
557620		13.95	13.95	0.15	2.4	0.788	0.095	2.46	28.6	16.8	0.94	630	44.0	0.11	5.0	199.5

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Projet: Kan

CERTIFICAT D'ANALYSE VO18211374

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557601		340	35.5	108.0	0.018	>10.0	5.81	19.4	10	2.0	60.1	0.50	0.57	5.31	0.236	6.30
557602		370	47.6	97.8	0.022	>10.0	5.90	14.5	7	1.7	36.4	0.45	0.76	5.00	0.218	5.77
557603		370	25.9	116.5	0.015	6.93	3.49	19.6	6	2.5	44.7	1.30	0.41	7.89	0.284	6.29
557604		1420	55.7	59.3	0.073	8.22	7.60	8.0	17	1.4	49.9	0.39	0.52	4.75	0.109	3.74
557605		2270	63.9	47.2	0.125	8.83	8.60	6.1	23	1.2	43.2	0.68	0.45	5.00	0.074	3.17
557606		2340	48.5	34.2	0.075	9.90	5.01	4.7	27	0.8	73.7	0.14	0.27	2.62	0.053	2.31
557607		1540	64.8	41.0	0.095	>10.0	9.83	6.5	24	0.8	87.1	0.24	0.50	2.88	0.104	3.17
557608		760	118.0	58.2	0.078	>10.0	19.35	7.5	20	1.0	41.0	0.47	0.90	3.97	0.108	4.83
557609		1130	15.9	37.8	<0.002	0.04	1.14	21.1	1	1.7	348	1.19	0.05	5.37	0.906	0.22
557610		2230	69.0	43.2	0.102	>10.0	7.59	6.1	27	0.9	73.2	0.25	0.32	3.37	0.080	3.18
557611		1070	75.7	43.2	0.089	>10.0	11.00	6.5	18	0.8	83.1	0.24	0.35	2.91	0.097	3.51
557612		1060	89.2	42.4	0.076	>10.0	11.30	5.8	19	0.8	67.8	0.26	0.47	3.20	0.080	3.34
557613		1190	110.5	50.5	0.125	>10.0	13.75	5.9	21	0.9	37.1	0.22	0.73	4.21	0.077	4.53
557614		980	110.0	43.0	0.111	>10.0	17.45	6.2	21	0.8	62.6	0.24	0.85	3.21	0.093	3.90
557615		1680	81.6	39.7	0.097	>10.0	9.81	5.7	25	0.8	51.9	0.21	0.52	3.19	0.067	3.03
557616		60	0.9	0.3	<0.002	0.02	0.15	0.2	1	<0.2	82.3	<0.05	<0.05	0.09	0.005	0.02
557617		1050	75.8	44.5	0.105	>10.0	10.15	6.6	19	0.9	38.5	0.24	0.57	3.68	0.086	3.37
557618		1210	98.3	47.4	0.081	>10.0	12.95	6.8	16	0.9	50.2	0.33	0.70	3.59	0.090	3.65
557619		520	40.6	98.1	0.028	8.64	5.03	16.7	9	2.0	50.2	0.71	0.38	6.24	0.244	6.34
557620		610	46.8	72.1	0.036	>10.0	6.46	11.7	12	1.3	47.4	0.30	0.48	3.86	0.163	4.63

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211374

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557601		13.8	248	2.4	11.9	864	140.5
557602		15.1	222	2.0	10.7	1380	121.5
557603		13.2	182	2.2	17.2	740	235
557604		54.7	882	2.7	29.0	2040	98.5
557605		78.3	1370	3.1	39.8	3250	117.0
557606		46.9	1100	2.3	23.5	1660	41.7
557607		38.8	1060	2.7	18.1	2140	46.3
557608		42.5	1010	2.7	21.1	2160	63.3
557609		1.3	145	2.1	21.7	130	154.0
557610		55.3	1280	2.9	25.3	2490	54.5
557611		41.0	1080	2.6	16.8	1900	50.3
557612		54.9	1240	2.8	21.8	2150	46.8
557613		102.5	1860	4.1	25.1	3270	49.8
557614		50.3	1340	3.1	21.6	2880	49.5
557615		56.2	1320	2.8	26.5	2400	52.3
557616		0.2	3	<0.1	2.0	7	1.7
557617		53.8	1390	3.1	25.9	2600	56.0
557618		52.6	1080	2.8	23.6	2320	61.6
557619		20.4	382	2.2	17.3	725	164.0
557620		21.5	468	1.8	15.2	1320	96.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18211374

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 17-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18214791

Projet: Kan

Bon de commande #: 20920 - KAN

Ce rapport s'applique aux 10 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 31-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

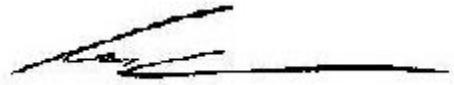
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 17-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214791

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
454951		2.76	<0.001	0.01	0.04	1.0	<10	0.23	0.01	8.74	0.04	4.03	1.3	5	<0.05	0.8
454952		3.03	<0.001	<0.01	0.22	4.0	<10	0.29	0.01	6.67	0.02	7.06	2.9	10	<0.05	0.8
454953		0.60	<0.001	0.02	0.03	34.9	<10	1.08	0.02	0.82	0.02	3.50	3.3	6	<0.05	2.6
454954		2.49	<0.001	<0.01	0.07	2.0	10	8.15	0.01	8.08	0.13	4.83	1.4	11	0.05	0.6
454955		1.49	<0.001	0.01	0.01	9.4	<10	0.35	0.01	5.68	<0.02	4.34	1.6	12	<0.05	1.1
454956		1.63	<0.001	<0.01	0.05	2.0	10	0.18	0.01	7.95	0.02	7.80	1.4	6	0.05	0.8
454957		2.39	<0.001	0.01	0.12	1.4	10	0.59	0.02	5.04	0.05	5.93	2.8	12	0.07	0.9
454958		3.15	<0.001	<0.01	0.06	0.2	<10	0.22	0.01	4.94	0.07	4.98	1.6	17	0.06	0.6
454959		0.80	<0.001	0.03	0.07	1.5	<10	0.26	0.01	8.68	0.11	11.00	2.7	7	0.10	5.9
454960		2.32	<0.001	0.01	0.09	0.4	<10	0.38	0.01	13.45	0.15	17.80	1.2	3	0.11	2.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214791

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
454951		15.65	0.20	0.05	<0.1	0.018	<0.005	0.01	2.6	1.3	5.14	3770	0.11	<0.01	0.6	0.8
454952		17.55	1.46	0.06	0.2	0.012	0.007	0.01	4.4	3.5	4.31	4740	0.46	<0.01	1.2	2.3
454953		11.55	0.29	<0.05	<0.1	0.086	<0.005	0.01	2.3	0.7	1.27	2160	0.22	<0.01	0.5	2.8
454954		10.75	0.51	<0.05	<0.1	0.008	0.011	0.04	2.9	1.6	3.71	3180	0.22	<0.01	0.5	1.3
454955		8.28	0.17	<0.05	<0.1	0.013	<0.005	0.01	2.8	0.7	2.79	1860	0.16	<0.01	0.1	1.4
454956		9.81	0.94	<0.05	<0.1	0.021	<0.005	0.03	4.9	2.2	3.27	2300	0.29	<0.01	0.3	1.2
454957		13.25	0.74	<0.05	0.1	0.007	0.006	0.04	3.9	1.9	3.04	4010	0.18	0.01	0.6	2.1
454958		9.51	0.41	<0.05	<0.1	<0.005	0.007	0.03	3.3	1.3	2.63	2930	0.24	<0.01	0.5	1.3
454959		17.10	0.51	0.05	<0.1	<0.005	0.010	0.04	7.6	1.6	5.18	4150	0.61	<0.01	0.2	1.2
454960		16.25	0.63	0.05	<0.1	0.007	0.013	0.05	11.7	2.6	7.34	4390	0.30	<0.01	0.2	0.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214791

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
454951		40	1.1	0.5	<0.002	<0.01	0.08	0.2	1	<0.2	34.8	<0.05	<0.05	0.11	<0.005	<0.02
454952		180	0.8	0.4	<0.002	0.01	0.08	0.6	1	<0.2	37.5	0.08	<0.05	0.31	0.012	<0.02
454953		230	0.7	0.3	<0.002	0.14	0.12	0.1	1	<0.2	5.2	<0.05	0.09	0.06	<0.005	0.02
454954		50	1.4	1.3	<0.002	<0.01	0.07	0.2	<1	<0.2	66.9	<0.05	<0.05	0.08	<0.005	0.03
454955		170	0.7	0.2	<0.002	0.26	0.08	0.1	1	<0.2	14.8	<0.05	<0.05	0.03	<0.005	<0.02
454956		120	0.9	1.0	<0.002	0.10	0.07	0.1	1	<0.2	29.9	<0.05	<0.05	0.07	<0.005	0.05
454957		230	1.0	1.4	<0.002	0.02	0.19	0.3	<1	<0.2	28.0	<0.05	<0.05	0.09	0.005	0.04
454958		40	0.9	1.2	<0.002	<0.01	0.06	0.1	<1	<0.2	43.8	<0.05	<0.05	0.06	<0.005	0.03
454959		170	1.7	1.5	<0.002	0.53	0.12	0.1	1	<0.2	67.1	<0.05	<0.05	0.09	<0.005	0.05
454960		90	2.6	2.1	<0.002	0.07	0.06	0.1	1	<0.2	139.0	<0.05	<0.05	0.15	<0.005	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 17-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214791

Description échantillon	Méthode élément unités LDl	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
454951		0.2	6	0.2	5.7	8	2.0
454952		0.2	22	0.4	5.9	5	9.2
454953		0.2	5	0.2	2.5	3	1.9
454954		0.1	9	0.1	5.8	16	1.7
454955		0.4	4	0.1	4.1	3	0.7
454956		0.3	5	0.1	5.9	4	1.8
454957		0.1	13	0.2	5.0	13	3.5
454958		<0.1	7	0.1	4.8	13	1.0
454959		0.1	4	0.1	8.6	27	1.0
454960		0.5	5	0.2	14.8	28	2.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214791

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU-31	CRU-QC	LOG-21	PUL-31
PUL-QC	SPL-21	WEI-21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18214805

Projet: Kan

Bon de commande #: KANDH18-080

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 31-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

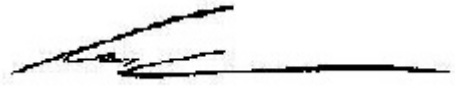
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214805

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557581		4.66	0.055	2.17	6.01	172.0	150	2.07	0.39	0.82	5.14	55.3	21.7	71	3.32	105.5
557582		3.84	0.048	5.89	4.86	141.5	140	2.43	0.34	1.66	17.15	50.1	20.4	62	3.04	244
557583		4.42	0.046	2.80	2.95	52.6	140	2.41	0.27	1.29	28.1	53.1	12.5	63	2.58	484
557584		4.91	0.027	2.33	2.63	88.4	100	1.92	0.32	1.44	19.40	55.4	15.3	53	1.71	583
557585		2.87	0.043	2.98	3.23	52.2	170	3.06	0.34	1.27	31.0	57.4	23.1	79	2.71	621
557586		3.91	0.066	4.29	2.42	12.4	130	2.71	0.60	0.86	38.8	34.0	5.2	56	3.57	923
557587		4.45	0.026	2.41	2.76	45.9	150	2.26	0.32	1.79	21.0	49.6	20.4	57	1.97	513
557588		4.66	0.041	3.15	2.30	111.5	110	2.19	0.40	2.22	17.20	51.3	24.0	54	2.08	536
557589		0.07	7.73	1.20	5.80	32.4	300	0.94	0.48	2.83	0.09	28.6	42.2	312	0.63	111.0
557590		4.60	0.045	2.83	2.04	120.5	120	2.35	0.34	3.08	18.30	48.4	30.1	50	2.27	501
557591		4.74	0.038	2.49	2.04	255	120	2.39	0.31	2.96	17.10	47.0	16.4	49	2.57	333
557592		4.49	0.047	2.76	2.15	152.0	110	2.15	0.33	2.06	18.10	51.9	22.4	51	2.42	482
557593		4.60	0.065	2.52	3.77	143.5	120	3.10	0.44	1.09	21.8	47.2	26.5	62	3.93	347
557594		4.64	0.071	3.00	3.71	173.0	130	2.98	0.44	1.41	20.9	52.8	29.7	80	4.17	302
557595		4.32	0.058	2.75	2.45	116.0	130	2.05	0.32	1.31	21.1	46.1	22.5	70	3.34	240
557596		0.39	0.001	0.01	0.05	1.1	10	<0.05	<0.01	32.0	0.05	0.92	0.7	1	<0.05	1.7
557597		4.69	0.063	2.57	2.66	246	120	2.25	0.52	0.88	17.05	41.4	23.3	64	3.05	157.0
557598		4.54	0.055	1.93	1.82	195.0	100	1.35	0.24	3.82	10.40	39.8	28.3	53	1.95	322
557599		4.49	0.050	3.05	2.37	47.8	120	1.74	0.29	1.99	14.15	54.5	13.8	62	2.88	387
557600		4.61	0.053	2.93	3.33	79.8	170	2.02	0.34	2.15	16.35	49.4	18.9	68	3.41	366

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214805

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557581		14.30	16.35	0.17	2.3	0.966	0.049	2.68	32.6	19.4	0.65	453	41.8	0.13	5.9	157.5
557582		14.85	13.55	0.17	2.1	1.275	0.063	2.09	30.4	22.4	1.05	1090	64.4	0.10	4.2	263
557583		13.30	8.80	0.19	2.0	1.080	0.069	1.15	32.9	27.0	0.97	1870	121.5	0.03	3.2	285
557584		13.40	8.24	0.18	1.9	0.919	0.049	0.81	31.6	29.6	1.31	2510	85.4	0.03	3.9	224
557585		13.80	9.67	0.18	1.9	1.525	0.069	1.34	34.5	31.4	1.02	2010	120.5	0.04	3.2	249
557586		20.7	7.57	0.21	1.1	1.825	0.084	1.10	23.7	25.0	0.67	995	169.0	0.02	1.7	448
557587		16.90	9.47	0.19	1.7	1.035	0.056	0.91	27.3	28.8	1.38	2850	92.0	0.04	2.3	270
557588		18.00	7.43	0.19	1.8	0.957	0.060	0.94	29.9	21.8	1.37	3970	118.5	0.04	4.1	258
557589		5.38	15.05	0.08	2.3	0.157	0.046	1.03	14.6	14.3	3.89	720	6.16	1.16	15.6	241
557590		18.40	6.51	0.20	1.6	0.944	0.056	0.88	31.0	22.5	1.64	3860	116.0	0.03	4.9	252
557591		15.25	6.58	0.17	1.8	0.947	0.055	0.90	30.4	24.0	1.73	4140	129.0	0.03	5.1	209
557592		17.80	6.87	0.19	1.4	0.929	0.057	0.88	33.3	21.4	1.33	2950	117.0	0.03	3.4	276
557593		17.15	10.30	0.18	1.8	1.665	0.076	1.86	29.9	27.6	0.77	943	115.0	0.06	4.2	284
557594		15.65	10.45	0.19	1.7	1.780	0.074	1.75	34.2	27.4	0.99	1190	120.5	0.07	5.0	288
557595		12.15	6.95	0.16	1.8	1.600	0.074	1.21	30.4	20.3	0.69	1140	155.5	0.04	4.4	289
557596		0.12	0.24	0.15	<0.1	<0.005	0.005	0.01	1.1	1.0	1.27	84	0.45	0.02	0.1	2.3
557597		14.25	7.91	0.17	1.4	2.04	0.056	1.33	27.5	18.7	0.57	757	135.5	0.04	4.4	299
557598		14.40	5.25	0.16	1.2	0.871	0.043	0.84	25.9	15.4	1.92	2530	107.0	0.04	4.8	273
557599		14.30	7.22	0.19	2.1	0.827	0.098	1.05	34.3	14.5	1.10	1930	146.0	0.05	4.9	349
557600		14.15	9.28	0.16	2.4	1.285	0.136	1.56	31.0	16.2	1.06	1410	137.5	0.06	7.3	300

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Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214805

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557581		530	83.0	88.9	0.037	>10.0	10.90	10.5	8	1.5	43.0	0.37	0.69	4.79	0.144	6.48
557582		720	58.6	76.0	0.054	>10.0	13.40	9.7	17	1.3	52.4	0.26	0.76	4.02	0.109	5.47
557583		1760	24.7	53.6	0.101	7.71	3.51	6.0	29	1.2	43.1	0.22	0.43	5.20	0.063	3.30
557584		1900	21.9	38.4	0.063	7.82	4.03	5.1	26	1.1	41.2	0.26	0.50	4.55	0.055	2.38
557585		1410	31.7	62.5	0.100	8.35	6.42	6.3	24	1.4	40.8	0.20	0.54	5.01	0.070	3.82
557586		1250	61.8	58.7	0.137	>10.0	12.15	6.2	37	1.0	33.3	0.11	0.74	3.91	0.047	3.56
557587		1600	31.2	46.9	0.069	9.06	4.75	6.8	27	1.1	56.4	0.13	0.47	4.39	0.045	2.70
557588		2150	46.0	52.3	0.082	9.90	6.78	5.8	25	1.0	70.0	0.23	0.66	3.85	0.048	2.96
557589		1040	9.0	38.1	<0.002	0.08	0.75	22.0	1	0.9	266	0.86	0.21	2.28	0.641	0.20
557590		2380	48.0	42.2	0.088	>10.0	7.40	5.3	23	1.1	78.6	0.31	0.57	3.20	0.057	2.43
557591		2710	45.7	46.4	0.084	7.65	7.64	5.7	17	1.0	81.5	0.32	0.51	3.11	0.057	2.58
557592		2070	48.4	44.1	0.085	9.58	6.38	5.7	23	0.9	62.6	0.22	0.49	3.35	0.053	2.51
557593		950	73.2	72.1	0.093	>10.0	13.75	8.3	20	1.3	43.0	0.26	0.80	3.82	0.093	4.62
557594		1030	91.0	68.7	0.097	>10.0	17.30	8.9	21	1.2	58.9	0.31	0.83	4.23	0.110	4.72
557595		2070	76.6	48.7	0.107	8.84	11.10	6.0	18	1.1	52.8	0.30	0.46	3.76	0.076	3.30
557596		60	0.6	0.5	<0.002	0.01	0.07	0.2	2	<0.2	81.6	<0.05	<0.05	0.06	<0.005	0.02
557597		960	104.5	52.4	0.100	>10.0	22.9	7.0	16	1.0	37.3	0.29	0.99	3.66	0.090	4.08
557598		1910	47.1	32.7	0.071	>10.0	8.25	5.5	19	0.8	92.2	0.29	0.37	2.56	0.090	2.05
557599		2300	70.6	44.0	0.098	8.50	8.35	6.0	22	1.1	76.0	0.35	0.28	4.11	0.071	2.54
557600		1750	64.5	57.5	0.095	9.61	10.50	7.3	17	1.2	72.5	0.48	0.48	4.19	0.099	3.45

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Finalisée date: 16-SEPT-2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18214805

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557581		21.0	361	1.9	13.3	902	90.7
557582		31.3	657	2.4	17.1	2510	84.3
557583		69.1	1100	2.4	30.1	3740	77.8
557584		45.2	712	1.4	27.4	2590	76.0
557585		60.7	1160	2.7	26.5	4300	74.9
557586		76.2	1420	3.2	23.6	5570	44.5
557587		44.2	681	1.4	23.6	2960	64.0
557588		52.4	876	1.3	28.5	2290	66.3
557589		0.6	137	8.4	14.9	83	91.7
557590		48.8	976	1.6	28.0	2370	66.0
557591		50.6	1080	1.7	31.7	2270	73.8
557592		50.0	970	1.7	27.0	2420	52.3
557593		48.7	1000	2.9	18.5	3130	66.9
557594		50.9	1080	3.5	22.3	2850	66.6
557595		68.9	1320	3.3	30.7	2950	67.9
557596		0.2	4	<0.1	2.2	10	1.3
557597		58.1	1190	3.1	21.5	2300	54.6
557598		42.6	874	2.7	22.3	1460	46.1
557599		61.0	1120	3.0	30.3	2110	80.3
557600		57.2	1140	3.1	30.0	2680	91.1

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CERTIFICAT D'ANALYSE VO18214805

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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Finalisée date: 17- SEPT- 2018
Compte: MINVIR

CERTIFICAT VO18214819

Projet: Kan

Bon de commande #: KANDH18- 084

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 31- AOUT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

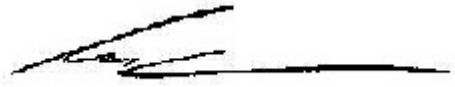
CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 17- SEPT- 2018
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CERTIFICAT D'ANALYSE VO18214819

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
557661		2.60	<0.001	0.03	0.75	4.6	20	1.60	0.03	1.62	0.04	14.05	7.4	22	0.22	10.4
557662		2.67	<0.001	0.02	0.78	2.5	30	0.99	0.03	1.59	0.03	15.60	8.1	21	0.18	9.7
557663		2.50	<0.001	0.01	0.54	6.8	20	1.40	0.03	2.60	0.02	10.70	5.9	18	0.25	7.1
557664		2.59	<0.001	0.01	0.45	3.1	30	0.67	0.02	2.38	<0.02	8.86	6.8	16	0.30	6.8
557665		2.62	<0.001	0.01	0.37	0.7	20	0.55	0.01	3.03	<0.02	8.82	4.2	16	0.58	3.5
557666		2.44	<0.001	0.02	0.75	2.9	20	1.15	0.04	1.96	<0.02	14.00	7.0	24	0.25	10.1
557667		2.45	<0.001	0.02	0.60	3.3	10	1.04	0.02	1.91	0.02	12.30	7.2	19	0.16	7.9
557668		2.51	<0.001	0.02	0.58	4.4	30	1.92	0.02	1.52	0.03	11.50	6.1	21	0.18	9.7
557669		0.07	0.666	0.21	7.26	20.8	340	1.32	0.14	4.53	0.18	47.2	41.6	190	1.92	55.8
557670		2.55	<0.001	0.02	0.88	3.5	30	1.49	0.02	1.88	0.04	16.55	7.3	24	0.30	8.8
557671		2.58	<0.001	0.03	1.26	2.5	20	2.03	0.03	1.87	0.05	15.95	10.9	30	0.57	14.4
557672		2.49	<0.001	0.03	0.98	3.4	20	2.18	0.03	2.17	0.07	15.70	9.4	26	0.44	12.2
557673		2.64	<0.001	0.03	1.10	0.3	10	1.24	0.04	1.76	0.07	15.80	10.5	27	0.40	23.3
557674		3.73	<0.001	0.02	0.81	2.7	10	0.77	0.03	1.86	0.06	13.55	8.8	22	0.64	9.9
557675		2.80	<0.001	0.04	0.73	0.5	20	0.60	0.02	1.90	0.18	12.65	6.8	18	0.69	11.9
557676		0.31	<0.001	<0.01	0.07	<0.2	20	0.06	0.01	32.7	<0.02	1.02	0.5	2	<0.05	0.8
557677		3.45	0.003	0.36	7.31	5.2	420	3.20	0.17	0.42	0.14	62.9	20.0	112	19.80	46.1
557678		4.57	0.001	0.49	8.18	9.6	430	2.48	0.20	0.22	0.43	58.2	19.8	104	7.57	35.1
557679		4.10	<0.001	0.25	9.47	6.9	410	2.54	0.31	0.20	0.71	86.5	22.0	113	7.60	37.5
557680		4.67	0.001	0.17	8.68	18.1	410	2.54	0.17	0.31	1.39	80.0	20.3	103	6.04	32.9

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CERTIFICAT D'ANALYSE VO18214819

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
557661		21.9	3.88	0.06	0.6	0.005	0.018	0.03	7.8	7.6	2.82	15750	0.75	0.01	5.5	12.8
557662		25.1	3.37	0.07	0.6	<0.005	0.017	0.05	8.6	7.8	3.18	17350	0.68	0.01	5.9	12.4
557663		17.90	2.14	0.06	0.5	<0.005	0.015	0.04	6.0	5.9	2.63	10450	0.43	<0.01	4.6	9.0
557664		19.80	1.65	<0.05	0.3	<0.005	0.013	0.06	5.1	4.9	2.79	11750	0.42	0.01	3.4	9.1
557665		15.05	1.35	0.05	0.3	<0.005	0.010	0.08	5.0	4.8	2.39	9610	0.39	0.04	3.0	5.3
557666		22.6	3.20	0.06	0.7	<0.005	0.016	0.04	7.7	7.3	3.02	13050	0.71	0.01	6.4	11.8
557667		20.6	3.30	0.06	0.5	<0.005	0.014	0.02	6.9	6.7	2.78	13950	0.62	0.01	4.7	11.6
557668		17.45	3.16	0.06	0.5	<0.005	0.015	0.05	6.6	6.3	2.29	14550	0.42	0.07	4.5	11.9
557669		7.34	20.3	0.10	3.8	0.032	0.068	0.88	21.9	14.4	2.98	976	2.51	1.72	20.4	147.0
557670		18.40	4.35	0.06	0.6	<0.005	0.021	0.05	9.2	8.7	2.54	16450	0.57	0.14	5.5	14.2
557671		23.6	6.69	0.06	0.9	0.005	0.026	0.05	8.7	12.8	3.18	19600	0.75	0.01	8.1	19.5
557672		20.9	5.44	0.06	0.7	<0.005	0.022	0.05	8.5	10.7	2.83	19100	0.66	0.01	7.3	16.5
557673		26.1	5.98	0.06	0.8	<0.005	0.024	0.02	8.5	11.2	3.51	18250	0.55	<0.01	7.5	18.0
557674		18.90	4.52	0.06	0.7	0.006	0.015	0.04	7.3	8.3	2.64	16200	0.51	<0.01	5.9	14.0
557675		17.90	3.66	0.06	0.5	<0.005	0.015	0.18	7.1	5.5	2.29	21000	0.72	<0.01	4.7	12.5
557676		0.14	0.25	0.11	<0.1	<0.005	0.005	0.01	1.2	0.7	1.39	133	0.05	0.03	0.1	<0.2
557677		11.20	22.6	0.13	2.3	0.011	0.062	3.77	34.5	54.2	1.64	5000	17.55	0.12	16.4	65.5
557678		8.24	24.6	0.15	2.3	0.016	0.053	4.48	29.5	44.3	1.18	11650	1.27	0.34	10.0	48.5
557679		8.10	26.3	0.17	3.0	0.040	0.061	4.67	41.9	49.2	1.15	8510	1.44	0.34	10.3	50.4
557680		8.19	22.7	0.15	2.5	0.027	0.051	4.78	39.1	44.6	1.15	13600	1.11	0.22	8.7	47.3

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214819

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
557661		530	1.9	1.4	<0.002	0.19	0.14	2.7	1	0.3	19.6	0.32	<0.05	0.84	0.114	<0.02
557662		590	2.5	1.7	<0.002	0.15	0.13	2.6	1	0.3	17.8	0.34	0.05	0.87	0.125	<0.02
557663		370	2.9	1.6	<0.002	0.10	0.11	1.9	1	0.2	24.7	0.26	0.06	0.67	0.094	0.02
557664		380	1.6	2.3	<0.002	0.10	0.11	1.8	1	0.2	20.7	0.19	<0.05	0.46	0.068	0.02
557665		340	1.5	3.6	<0.002	0.05	0.09	1.5	<1	0.2	27.4	0.18	<0.05	0.41	0.057	0.03
557666		510	2.8	1.6	<0.002	0.20	0.14	2.4	1	0.2	18.9	0.37	0.08	0.85	0.130	0.02
557667		460	1.9	0.8	<0.002	0.13	0.14	2.2	1	0.2	20.8	0.27	0.05	0.67	0.092	<0.02
557668		460	1.7	1.6	<0.002	0.15	0.16	1.9	1	0.4	16.8	0.26	<0.05	0.68	0.091	<0.02
557669		1150	13.8	35.9	<0.002	0.02	1.04	20.1	1	1.8	357	1.19	0.06	4.88	0.936	0.19
557670		620	2.3	2.0	<0.002	0.16	0.13	3.1	1	0.3	22.4	0.32	<0.05	0.95	0.114	0.02
557671		600	2.8	2.6	<0.002	0.24	0.16	4.2	1	0.4	22.1	0.48	0.05	1.34	0.167	0.03
557672		560	2.4	2.2	<0.002	0.19	0.15	3.3	1	0.4	25.6	0.41	0.05	1.15	0.121	0.02
557673		540	2.1	1.3	<0.002	0.21	0.15	3.5	1	0.3	21.7	0.39	0.05	1.19	0.140	0.02
557674		490	1.7	2.9	<0.002	0.13	0.11	2.7	1	0.2	36.0	0.32	0.05	0.87	0.113	0.03
557675		490	2.0	7.5	<0.002	0.30	0.12	2.6	1	0.2	112.0	0.24	0.06	0.68	0.092	0.04
557676		40	<0.5	0.5	<0.002	<0.01	0.05	0.2	2	<0.2	78.6	<0.05	<0.05	0.06	0.006	<0.02
557677		720	17.2	192.5	0.009	2.15	0.94	14.9	2	1.5	73.4	0.88	0.11	7.69	0.364	1.14
557678		300	13.6	174.5	0.003	1.03	0.51	14.2	1	1.6	51.7	0.72	0.24	9.36	0.307	0.67
557679		350	41.0	167.5	0.002	0.84	0.37	16.0	2	1.7	59.6	0.76	0.10	12.85	0.358	0.73
557680		680	11.6	173.5	0.003	0.94	0.38	14.1	2	1.4	67.7	0.64	0.07	11.60	0.317	0.67

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CERTIFICAT D'ANALYSE VO18214819

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
557661		0.6	66	0.7	7.1	13	26.1
557662		0.5	65	0.8	7.6	13	27.1
557663		0.3	49	0.5	5.3	9	20.9
557664		0.2	44	0.5	5.1	9	14.4
557665		0.2	34	0.4	5.1	7	13.6
557666		0.5	69	0.7	6.9	11	30.0
557667		0.4	54	0.6	6.3	11	22.3
557668		0.5	53	0.5	5.7	11	21.7
557669		1.1	150	2.1	20.1	133	150.5
557670		0.7	81	0.4	6.5	15	27.2
557671		1.0	131	0.5	7.6	20	39.4
557672		0.8	95	0.4	7.4	15	37.6
557673		0.7	107	0.4	8.2	17	37.1
557674		0.6	71	0.2	5.7	13	29.6
557675		0.5	63	0.1	5.0	32	22.9
557676		0.2	1	0.2	2.1	2	1.6
557677		7.4	282	1.5	9.6	139	91.7
557678		3.8	157	1.9	7.0	116	84.7
557679		2.9	137	1.6	8.9	188	112.5
557680		3.1	133	1.6	9.3	174	92.5

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CERTIFICAT D'ANALYSE VO18214819

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 16-SEPT-2018
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CERTIFICAT VO18214845

Projet: Kan

Bon de commande #: KANDH18-076

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 31-AOUT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

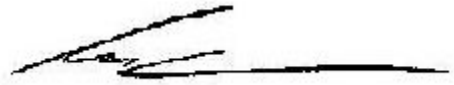
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18214845

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557501		2.02	0.004	0.07	7.05	0.5	400	1.90	0.11	0.30	0.15	52.1	13.7	83	5.03	16.0
557502		3.53	0.002	0.09	6.79	0.3	380	1.98	0.13	0.34	0.18	54.3	14.5	82	5.32	18.3
557503		3.60	0.003	0.07	6.60	14.5	10	0.43	0.01	8.43	0.18	9.12	43.8	133	0.09	152.0
557504		3.83	0.003	0.07	6.71	14.0	<10	0.35	0.01	7.15	0.16	10.10	47.8	137	0.18	144.0
557505		3.64	0.005	0.11	4.66	7.2	70	0.34	0.08	5.76	0.73	9.76	39.3	97	0.09	210
557506		2.84	0.002	0.10	6.80	25.5	<10	0.38	0.02	6.90	1.53	9.93	46.3	132	0.15	151.5
557507		4.75	0.004	0.08	6.66	16.8	10	0.43	0.02	7.01	0.19	9.56	52.0	133	0.15	150.5
557508		4.42	0.003	0.06	6.86	13.6	<10	0.38	0.01	7.17	0.14	9.66	48.2	129	0.08	132.5
557509		0.07	2.53	0.45	6.75	11.7	320	1.30	0.17	4.74	0.09	44.1	54.4	313	0.70	78.8
557510		4.66	0.003	0.04	6.66	12.1	<10	0.35	0.01	6.62	0.13	10.45	51.2	127	0.09	165.0
557511		4.42	0.002	0.05	6.83	13.3	10	0.38	0.01	7.66	0.11	10.50	51.7	123	0.09	131.5
557512		4.87	0.003	0.06	7.25	9.7	10	0.33	0.01	7.40	0.21	10.20	50.0	135	0.09	184.5
557513		4.49	0.003	0.08	6.83	11.8	<10	0.42	0.01	7.92	0.25	10.80	55.9	134	0.13	176.5
557514		4.48	0.003	0.26	6.72	11.0	10	0.38	0.01	5.22	2.96	4.95	49.3	131	0.07	159.5
557515		4.14	0.002	0.12	5.80	20.9	10	0.34	0.01	7.31	2.07	6.13	42.5	105	0.07	117.5
557516		0.30	0.001	<0.01	0.12	0.5	30	0.07	0.01	30.6	<0.02	0.89	0.5	2	0.05	1.2
557517		4.09	0.002	0.08	5.85	16.3	30	0.31	0.01	5.96	0.44	7.37	37.1	109	0.08	153.0
557518		4.60	0.002	0.04	6.09	33.5	10	0.29	0.01	6.70	0.10	8.18	47.2	111	0.07	152.5
557519		4.87	0.004	0.05	4.96	125.0	20	0.19	0.01	4.84	0.15	5.62	71.8	96	0.12	147.5
557520		4.68	0.004	0.06	5.41	121.0	<10	0.21	0.01	4.68	0.13	5.67	73.4	105	0.11	156.0

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CERTIFICAT D'ANALYSE VO18214845

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557501		8.23	17.40	0.09	2.0	<0.005	0.042	3.62	26.3	38.1	1.27	8790	1.06	0.59	6.7	29.9
557502		8.54	17.80	0.11	2.1	0.006	0.039	3.44	28.2	39.1	1.25	9800	1.18	0.60	7.0	30.0
557503		8.28	15.35	0.06	1.1	<0.005	0.076	0.03	3.4	13.1	3.14	1380	0.35	0.38	3.0	87.8
557504		8.74	17.10	0.07	1.1	0.010	0.080	0.02	3.7	18.3	3.39	1380	0.48	0.66	3.4	94.7
557505		9.14	11.55	0.06	0.9	0.009	0.080	0.09	4.4	21.1	2.24	976	4.45	1.56	2.5	78.6
557506		9.09	18.05	0.07	1.0	<0.005	0.085	0.01	3.9	32.5	3.61	1290	1.00	1.23	3.7	94.9
557507		8.75	16.75	0.06	0.8	0.010	0.079	0.01	3.5	17.9	3.44	1280	0.72	0.38	3.3	90.9
557508		8.14	16.55	0.06	1.3	0.008	0.083	0.01	3.6	17.9	3.32	1340	0.41	1.91	3.3	97.1
557509		7.49	18.30	0.09	3.5	0.060	0.064	1.00	22.2	9.6	5.54	1040	3.24	2.00	29.0	350
557510		8.29	16.75	0.06	0.9	<0.005	0.080	0.01	3.8	19.3	3.46	1240	0.79	1.52	3.5	97.2
557511		7.92	17.95	0.06	0.9	0.015	0.085	0.02	3.7	15.9	3.50	1260	0.44	1.72	3.6	90.1
557512		8.16	18.20	0.06	0.8	0.018	0.084	0.02	3.7	14.9	3.52	1220	0.39	1.42	3.6	110.5
557513		7.81	18.15	0.07	0.9	0.006	0.087	0.02	3.8	20.7	3.47	1240	0.43	1.73	3.7	125.5
557514		7.29	16.30	<0.05	1.1	0.007	0.130	0.02	2.0	22.8	3.29	1060	0.38	2.40	3.1	92.8
557515		7.59	14.75	<0.05	1.1	0.015	0.076	0.01	2.5	27.5	3.32	1580	0.30	1.57	2.7	75.7
557516		0.13	0.34	<0.05	<0.1	0.006	<0.005	0.03	1.0	1.5	1.28	81	0.06	0.03	0.3	0.6
557517		7.99	14.10	<0.05	0.8	0.011	0.063	0.02	2.7	32.8	3.52	1280	0.24	1.28	1.3	75.9
557518		7.85	15.55	<0.05	0.9	0.005	0.070	0.01	3.0	28.9	3.55	1130	0.23	1.47	1.2	80.7
557519		8.51	11.75	0.05	0.7	<0.005	0.054	<0.01	2.0	29.8	7.26	1420	0.17	0.03	0.8	401
557520		8.22	11.75	<0.05	0.9	<0.005	0.043	<0.01	2.1	34.3	7.42	1280	0.14	0.41	0.8	403

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CERTIFICAT D'ANALYSE VO18214845

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557501		210	5.5	157.5	0.002	0.44	0.14	10.5	1	1.2	67.3	0.51	<0.05	8.37	0.256	0.51
557502		250	10.2	163.0	0.002	0.39	0.12	10.8	1	1.2	74.5	0.51	<0.05	8.61	0.244	0.55
557503		380	2.8	0.7	0.002	0.16	0.90	43.2	1	0.6	159.5	0.18	<0.05	0.27	0.638	0.02
557504		380	2.7	0.4	0.002	0.27	0.70	47.2	1	0.7	108.5	0.20	0.05	0.30	0.658	<0.02
557505		270	3.3	2.4	0.005	2.43	0.62	29.2	2	0.8	49.3	0.15	0.45	0.74	0.243	0.08
557506		370	1.8	0.2	0.003	0.49	0.82	48.3	2	0.8	88.3	0.21	0.12	0.35	0.654	<0.02
557507		380	3.5	0.2	0.002	0.30	1.00	45.6	1	0.7	166.5	0.20	0.07	0.31	0.652	0.02
557508		390	1.2	0.2	0.002	0.22	0.36	47.7	1	0.6	73.5	0.20	<0.05	0.26	0.665	<0.02
557509		1820	4.9	32.9	<0.002	0.03	0.34	23.4	1	1.3	471	1.59	0.09	2.82	1.035	0.07
557510		380	1.7	0.2	0.002	0.35	0.55	47.0	1	0.7	88.0	0.22	0.06	0.33	0.653	<0.02
557511		380	1.4	0.2	0.002	0.21	0.89	50.9	1	0.7	127.5	0.21	<0.05	0.28	0.681	<0.02
557512		420	1.8	0.2	0.003	0.18	1.27	51.7	1	0.7	176.0	0.21	<0.05	0.28	0.713	<0.02
557513		400	1.5	0.3	0.003	0.17	1.10	40.0	1	0.7	140.0	0.23	0.05	0.32	0.673	0.02
557514		390	1.0	0.2	<0.002	0.21	0.51	44.9	1	0.7	61.7	0.20	0.05	0.28	0.665	<0.02
557515		330	0.9	0.1	0.002	0.24	0.37	39.8	1	0.6	68.8	0.17	<0.05	0.23	0.571	<0.02
557516		60	<0.5	1.3	<0.002	<0.01	0.08	0.3	1	<0.2	74.6	0.06	<0.05	0.11	0.007	0.02
557517		330	0.9	0.5	0.002	0.33	0.25	38.3	1	0.3	71.0	0.09	<0.05	0.24	0.294	0.02
557518		340	1.3	0.2	0.002	0.22	0.30	38.9	2	0.2	101.0	0.08	<0.05	0.26	0.248	<0.02
557519		230	0.5	0.1	<0.002	0.03	0.24	21.0	<1	<0.2	39.5	0.06	0.11	0.15	0.155	<0.02
557520		240	0.7	0.1	0.002	0.03	0.29	29.2	<1	0.2	54.0	0.06	0.09	0.18	0.175	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214845

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557501		2.3	101	1.4	5.4	70	68.6
557502		2.2	98	1.5	6.2	72	73.9
557503		0.1	328	0.5	22.9	99	39.0
557504		0.2	337	0.4	24.8	116	39.3
557505		1.6	220	0.3	16.6	220	34.1
557506		0.4	343	0.6	24.1	370	51.7
557507		0.2	340	0.5	24.2	115	22.5
557508		0.1	345	0.5	24.2	103	48.1
557509		0.7	145	3.3	21.9	106	138.5
557510		0.3	333	0.4	24.6	111	31.9
557511		0.2	352	0.3	26.2	97	37.3
557512		0.2	368	0.3	25.9	100	26.3
557513		0.2	338	0.3	25.5	114	32.5
557514		0.5	334	0.3	14.7	554	39.7
557515		0.3	301	0.4	19.0	423	34.9
557516		0.1	3	0.1	1.9	4	1.6
557517		0.2	286	0.4	17.0	149	24.7
557518		0.1	286	0.1	7.7	76	28.0
557519		<0.1	208	0.1	3.6	92	25.7
557520		<0.1	206	0.1	3.3	87	22.0

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 16-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18214845

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 17- SEPT- 2018
Compte: MINVIR

CERTIFICAT VO18222692

Projet: KAN

Bon de commande #: KANDH18- PRIORITY- 040

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 6- SEPT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 17- SEPT- 2018
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO18222692

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
555541		2.47	0.015	0.15	0.57	31.3	10	0.10	0.06	1.33	0.07	5.43	3.8	21	0.14	25.4
555542		2.40	0.002	0.06	0.58	45.8	20	0.38	0.03	2.74	0.10	16.95	3.9	19	0.27	13.6
555543		2.46	1.385	0.03	0.27	48.5	20	0.24	0.04	4.03	0.13	13.80	3.6	10	0.37	14.1
555544		1.40	0.017	0.02	0.96	3.1	10	0.30	0.03	2.57	0.18	14.70	3.5	17	0.34	6.0
555545		3.85	0.002	0.02	0.61	15.0	10	0.95	0.04	2.48	0.03	16.65	7.7	20	0.34	7.1
555546		0.30	<0.001	0.01	0.08	0.2	30	0.09	0.01	32.0	0.02	1.70	0.5	2	0.13	1.4
555547		2.39	<0.001	0.01	0.24	9.5	<10	0.78	0.02	1.60	<0.02	9.64	4.4	9	0.23	2.8
555548		2.67	0.002	0.02	0.15	6.3	10	0.91	0.05	1.76	<0.02	10.10	4.0	6	0.25	6.9
555549		2.51	<0.001	0.01	0.24	12.7	<10	0.92	0.02	1.73	<0.02	8.51	5.4	11	0.30	5.1
555550		2.49	<0.001	0.02	0.32	2.5	<10	0.62	0.03	1.94	0.04	8.45	4.8	12	0.13	6.1
555551		2.61	<0.001	0.01	0.09	0.2	<10	0.31	0.03	3.79	0.07	5.37	2.2	6	0.12	2.4
555552		2.43	0.003	0.01	0.11	7.3	<10	0.34	0.02	1.49	0.04	5.47	2.8	6	0.34	3.3
555553		2.42	0.001	0.12	3.76	91.8	170	2.70	0.09	0.76	0.23	37.1	14.9	56	14.40	17.7
555554		3.36	<0.001	0.20	7.91	7.2	450	1.83	0.18	0.85	0.27	56.2	17.2	83	13.60	56.6
555555		2.36	<0.001	0.13	8.19	37.2	430	1.77	0.18	0.36	0.19	53.7	13.3	83	6.66	42.8
555556		2.32	0.001	0.18	8.18	5.9	440	2.14	0.20	0.27	0.17	56.5	19.2	83	4.67	76.6
555557		2.31	<0.001	0.16	8.36	16.1	480	2.22	0.20	0.32	0.42	55.7	17.0	91	4.37	65.4
555558		2.75	<0.001	0.37	8.32	28.7	420	1.84	0.19	0.66	0.48	57.2	17.0	92	4.25	65.8
555559		0.06	2.56	0.44	6.79	12.3	320	1.19	0.16	4.76	0.09	45.8	51.8	319	0.67	80.9
555560		2.99	0.001	0.39	1.05	394	10	0.42	0.03	3.12	0.11	17.90	9.8	21	0.32	52.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17- SEPT- 2018
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO18222692

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
555541		5.62	2.64	<0.05	0.1	0.005	0.012	0.10	3.1	5.5	0.87	1240	0.49	0.01	0.3	5.2
555542		16.60	2.22	0.07	0.4	0.006	0.013	0.17	9.6	5.5	2.65	3870	2.77	0.01	3.5	8.1
555543		17.80	1.27	0.07	0.2	0.014	0.009	0.07	8.3	3.6	3.33	5570	2.57	<0.01	2.0	7.2
555544		17.85	4.59	0.07	0.3	0.007	0.022	0.03	8.7	8.1	3.00	8110	1.49	<0.01	2.6	5.6
555545		21.3	3.21	0.08	0.5	<0.005	0.013	0.02	8.7	3.4	3.19	10900	0.43	<0.01	4.5	10.6
555546		0.25	0.32	0.05	0.1	<0.005	0.007	0.02	1.6	2.7	2.80	200	0.06	0.03	0.2	0.4
555547		21.9	1.12	0.06	0.2	<0.005	0.010	0.01	5.7	1.4	3.27	8150	0.27	<0.01	2.0	5.1
555548		24.3	0.70	0.07	0.1	<0.005	0.008	0.02	5.9	0.9	3.93	7920	0.18	<0.01	2.2	3.7
555549		22.2	1.25	0.06	0.2	<0.005	0.009	0.02	5.1	1.2	3.66	7500	0.21	<0.01	2.1	5.4
555550		18.90	1.97	0.06	0.3	<0.005	0.012	0.01	4.8	1.4	2.96	7400	0.35	<0.01	2.4	6.0
555551		20.6	0.54	0.05	0.1	<0.005	0.007	0.01	3.4	0.8	3.89	6360	0.14	<0.01	0.6	2.1
555552		17.35	0.60	<0.05	0.1	<0.005	<0.005	0.03	3.5	1.1	2.42	6480	0.16	<0.01	0.7	2.9
555553		16.40	12.15	0.09	1.3	0.007	0.039	2.34	19.0	29.0	2.07	7490	0.91	0.01	9.1	32.9
555554		7.05	22.0	0.12	2.5	0.005	0.053	4.37	29.4	54.0	1.43	822	1.95	0.03	7.4	41.6
555555		7.63	23.3	0.10	2.4	<0.005	0.053	3.91	27.6	59.7	1.42	901	1.55	0.03	7.5	37.9
555556		8.69	22.5	0.10	2.2	<0.005	0.053	3.57	30.3	58.0	1.41	872	1.63	0.04	7.2	40.9
555557		8.07	22.9	0.13	2.5	0.016	0.060	3.78	28.9	53.6	1.34	761	2.22	0.06	6.0	48.3
555558		7.61	23.6	0.11	2.9	0.029	0.059	3.59	28.7	54.4	1.50	587	3.54	0.10	3.8	53.2
555559		7.31	19.30	0.10	3.7	0.052	0.060	0.97	22.6	9.2	5.54	1040	3.29	1.93	29.2	346
555560		20.8	4.89	0.08	0.7	0.018	0.023	0.21	9.5	12.7	4.10	15550	1.50	0.06	2.2	56.5

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Finalisée date: 17- SEPT- 2018
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO18222692

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
555541		20	2.1	3.7	<0.002	1.43	1.52	1.0	1	<0.2	34.0	<0.05	0.10	0.11	0.006	0.08
555542		540	2.3	5.5	0.002	0.92	0.55	1.5	<1	0.2	41.1	0.17	0.09	0.56	0.031	0.18
555543		530	1.3	3.5	<0.002	0.99	0.13	0.6	1	<0.2	72.6	0.17	0.12	0.38	0.013	0.14
555544		790	2.4	1.6	<0.002	0.41	0.21	1.6	1	<0.2	68.5	0.21	<0.05	0.60	0.031	0.06
555545		560	1.6	1.4	<0.002	0.18	0.32	1.8	1	0.2	25.5	0.23	0.06	0.77	0.061	0.07
555546		70	0.8	0.8	<0.002	0.01	0.10	0.2	1	<0.2	86.1	<0.05	<0.05	0.10	0.006	0.02
555547		310	0.8	0.9	<0.002	0.05	0.18	0.7	<1	<0.2	14.7	0.09	<0.05	0.35	0.022	0.03
555548		300	0.9	0.9	<0.002	0.05	0.15	0.4	<1	<0.2	14.3	0.07	0.06	0.34	0.014	0.03
555549		250	0.8	1.1	<0.002	0.07	0.19	0.7	<1	<0.2	15.1	0.09	<0.05	0.30	0.024	0.04
555550		330	1.0	0.4	<0.002	0.14	0.16	0.8	<1	<0.2	20.9	0.12	0.05	0.36	0.028	<0.02
555551		260	0.7	0.4	<0.002	0.04	0.09	0.2	<1	<0.2	38.9	<0.05	<0.05	0.11	0.005	<0.02
555552		320	0.7	1.7	<0.002	0.09	0.12	0.3	<1	<0.2	16.4	<0.05	<0.05	0.13	0.007	0.02
555553		350	5.8	113.0	0.003	1.02	1.31	7.3	1	0.8	24.1	0.58	0.07	3.92	0.173	1.00
555554		170	7.5	187.0	0.006	1.14	1.96	12.3	2	1.5	47.1	0.64	0.10	9.45	0.269	1.95
555555		190	9.1	146.5	0.005	0.80	1.56	11.2	2	1.5	27.8	0.65	0.10	9.14	0.261	1.72
555556		160	4.8	136.5	0.004	1.21	1.43	12.1	2	1.4	18.4	0.65	0.10	9.39	0.260	1.55
555557		210	6.6	137.0	0.005	1.53	1.32	14.5	2	1.4	24.8	0.51	0.08	9.04	0.275	2.24
555558		170	5.1	118.5	0.008	2.45	1.69	15.4	3	1.5	34.9	0.27	0.19	9.28	0.154	3.40
555559		1890	5.0	33.3	<0.002	0.04	0.36	22.5	<1	1.3	474	1.73	0.06	2.75	1.045	0.06
555560		720	5.2	7.3	0.002	2.74	0.79	2.8	1	<0.2	68.6	0.14	0.16	0.87	0.041	0.35

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CERTIFICAT D'ANALYSE VO18222692

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
555541		0.3	20	0.3	2.2	40	3.4
555542		1.1	34	0.4	6.4	27	18.2
555543		0.4	22	0.7	6.9	31	11.6
555544		0.4	60	0.4	6.1	57	15.3
555545		0.6	39	0.5	8.8	14	21.5
555546		0.1	1	0.1	2.7	4	2.0
555547		0.2	18	0.4	7.2	7	7.4
555548		0.1	14	0.3	8.4	6	6.1
555549		0.2	19	0.2	6.3	7	8.4
555550		0.4	21	0.2	5.7	13	11.7
555551		0.1	9	0.1	4.8	15	2.8
555552		0.1	10	0.2	3.6	9	3.4
555553		2.2	118	1.6	5.7	58	47.9
555554		2.5	121	1.4	5.6	144	84.8
555555		2.2	108	1.2	4.9	172	83.8
555556		2.1	125	1.1	4.8	178	74.9
555557		2.6	164	1.1	5.7	200	81.8
555558		3.1	161	0.9	6.1	176	97.8
555559		0.6	146	3.5	21.0	105	148.0
555560		0.7	67	0.2	6.0	69	31.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- SEPT- 2018
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO18222692

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 22- SEPT- 2018
Compte: MINVIR

CERTIFICAT VO18223086

Projet: Kan

Bon de commande #: KANDH18- PRIORITY- 028

Ce rapport s'applique aux 20 échantillons de reject soumis à notre laboratoire de Val d'Or, QC, Canada le 9- SEPT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

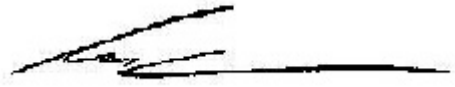
CODE ALS	DESCRIPTION
SCR- 21	Filtrer à - 100 - 106 um
FND- 03	Localiser rejet par analyse suppl.
BAG- 01	Entreposage pulp de ref.
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
PUL- QC	Test concassage QC
SPL- 21	Échant. fractionné - div. riffles
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 22- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223086

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
403751		2.14	<0.05	<0.05	<0.05	<0.001	29.52	1006.0	0.04	0.02
403752		2.43	<0.05	<0.05	<0.05	<0.001	23.13	955.4	0.02	0.02
403753		2.70	0.72	0.51	0.74	0.028	54.53	957.2	0.81	0.66
403754		2.33	1.70	11.75	1.03	0.731	62.16	937.3	0.77	1.29
403755		2.39	8.09	27.3	7.17	1.273	46.66	967.5	7.27	7.06
403756		1.88	0.83	2.21	0.74	0.142	64.23	941.4	0.74	0.73
403757		2.22	<0.05	0.13	<0.05	0.009	68.03	967.1	0.03	0.03
403758		2.06	0.18	<0.05	0.19	0.001	58.52	956.2	0.17	0.20
403759		<0.02							2.63	
403760		2.39	0.41	1.54	0.34	0.095	61.52	928.1	0.30	0.37
403761		2.09	4.65	38.3	3.03	1.757	45.93	952.2	2.82	3.24
403762		2.47	4.71	17.30	3.90	1.023	59.07	924.6	3.76	4.04
403763		2.29	6.44	29.8	4.96	1.774	59.45	934.8	4.80	5.11
403764		3.70	2.80	13.80	2.10	0.826	59.80	935.5	2.36	1.84
403765		3.67	<0.05	<0.05	<0.05	<0.001	34.49	951.5	0.01	0.01
403766		<0.02							<0.01	
403767		2.33	<0.05	<0.05	<0.05	<0.001	70.37	937.9	0.01	0.01
403768		2.07	0.13	0.23	0.13	0.010	43.04	942.8	0.13	0.13
403769		1.92	1.44	8.56	1.12	0.372	43.45	963.4	1.06	1.17
403770		2.28	<0.05	<0.05	<0.05	<0.001	40.86	962.7	0.01	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 22- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223086

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:	BAG- 01	FND- 03	PUL- 32	PUL- QC
	SCR- 21	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au- AA25	Au- AA25D	Au- SCR21

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18223930

Projet: Kan

Bon de commande #: KANDH18-102

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

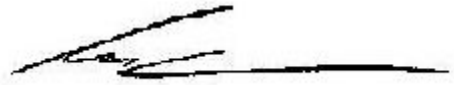
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 25-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223930

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558021		2.29	<0.001	0.07	0.15	4.1	<10	0.51	0.02	1.06	<0.02	8.55	5.0	8	0.19	2.3
558022		1.50	<0.001	0.10	0.10	<0.2	<10	0.46	0.03	0.88	<0.02	7.32	4.1	6	0.31	0.9
558023		2.31	<0.001	0.06	0.15	2.2	<10	0.36	0.03	1.39	0.02	8.69	4.8	9	0.15	1.3
558024		4.30	0.003	0.20	8.03	3.3	730	1.58	0.17	1.84	0.55	68.6	10.5	64	2.85	36.0
558025		4.50	0.002	0.17	8.33	11.6	750	1.69	0.16	1.32	0.55	68.0	10.3	58	3.37	39.1
558026		4.34	0.002	0.17	8.84	20.0	860	2.01	0.13	0.71	0.69	72.9	9.8	67	3.96	41.8
558027		4.50	0.003	0.33	8.87	0.6	840	1.99	0.27	0.34	0.34	68.1	9.2	64	4.50	47.6
558028		4.39	0.004	0.18	8.76	0.8	810	1.87	0.17	0.31	0.27	77.8	10.0	67	4.75	46.8
558029		0.07	0.682	0.20	7.43	19.9	340	1.50	0.14	4.37	0.19	50.3	41.8	187	1.98	57.3
558030		4.16	0.002	0.13	8.45	1.2	740	1.86	0.14	0.82	0.12	75.1	11.5	64	6.14	35.9
558031		4.45	0.001	0.10	8.83	5.0	780	1.98	0.13	0.70	0.08	78.7	12.7	62	6.77	33.9
558032		4.45	0.003	0.20	8.77	0.3	740	1.92	0.20	1.21	0.29	79.3	11.7	64	5.87	37.7
558033		4.42	0.002	0.15	8.67	0.4	750	1.93	0.15	0.98	0.24	75.5	10.9	64	5.37	39.0
558034		4.39	<0.001	0.10	8.74	2.1	730	2.06	0.16	0.65	0.09	73.9	12.2	63	4.73	44.2
558035		4.27	<0.001	0.15	8.55	4.1	690	2.14	0.19	0.86	0.09	78.5	13.3	61	4.52	47.2
558036		0.25	<0.001	<0.01	0.12	<0.2	20	0.09	0.01	33.1	<0.02	1.47	0.8	2	0.05	1.7
558037		4.11	<0.001	0.11	8.75	7.1	670	2.35	0.15	0.45	0.06	80.7	13.9	63	3.99	33.8
558038		4.34	<0.001	0.10	8.75	9.2	680	2.09	0.18	0.69	0.08	78.8	14.2	63	3.66	30.7
558039		4.35	<0.001	0.08	9.20	4.1	690	1.99	0.14	0.50	0.09	81.8	12.1	62	3.44	43.5
558040		4.55	<0.001	0.07	8.80	3.0	710	2.14	0.38	0.33	0.03	78.2	15.0	64	3.74	59.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 25-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223930

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558021		24.0	1.27	0.08	0.1	<0.005	<0.005	0.01	5.3	1.1	3.25	6370	0.68	<0.01	2.1	3.7
558022		24.9	0.83	0.15	0.1	<0.005	0.005	0.02	4.4	1.6	3.69	6630	0.28	<0.01	1.7	3.7
558023		20.2	1.05	0.11	0.1	<0.005	0.007	0.01	5.3	1.0	2.46	5830	0.63	<0.01	1.2	4.4
558024		3.27	19.40	0.11	4.5	0.031	0.041	4.33	35.6	32.8	1.50	443	2.55	0.55	4.9	35.2
558025		3.23	19.60	0.13	4.7	0.039	0.042	4.37	35.2	32.9	1.32	469	4.03	0.72	4.8	37.7
558026		3.08	21.6	0.13	5.1	0.035	0.044	5.05	37.6	36.7	1.21	329	3.96	0.47	6.3	36.5
558027		3.17	21.8	0.12	4.8	0.019	0.042	4.96	34.4	35.2	1.11	216	3.10	0.59	6.1	36.9
558028		3.19	21.9	0.12	4.7	0.020	0.045	4.92	40.1	34.8	1.09	154	2.99	0.61	6.8	37.8
558029		7.32	19.80	0.09	3.5	0.015	0.070	0.88	22.4	14.2	2.90	951	2.30	1.71	19.4	139.5
558030		3.47	20.7	0.12	4.6	0.009	0.040	4.55	38.1	32.9	1.23	306	1.39	0.91	9.3	33.0
558031		3.53	22.0	0.13	4.6	<0.005	0.042	4.79	39.4	35.8	1.21	278	0.45	0.80	9.5	31.9
558032		3.76	21.3	0.12	4.3	0.008	0.048	4.60	40.8	33.1	1.23	359	1.69	0.89	9.4	35.0
558033		3.73	21.1	0.12	4.5	0.013	0.046	4.68	38.6	34.1	1.25	363	1.48	0.75	9.3	34.2
558034		3.65	21.4	0.12	4.4	0.009	0.044	4.38	37.5	35.3	1.23	292	0.60	0.81	9.1	29.9
558035		3.61	21.1	0.12	4.5	<0.005	0.044	4.08	40.3	36.5	1.23	321	0.54	0.84	9.2	31.3
558036		0.12	0.39	0.13	0.1	<0.005	<0.005	0.04	1.4	1.5	1.65	89	0.05	0.04	0.2	0.7
558037		3.80	22.0	0.15	4.2	0.005	0.045	4.09	40.4	39.8	1.28	327	0.50	0.90	9.5	33.2
558038		3.83	22.3	0.14	4.0	0.009	0.044	4.08	40.4	34.4	1.26	331	0.43	0.78	9.6	34.2
558039		4.07	22.9	0.13	4.5	0.005	0.057	4.05	41.3	35.7	1.39	304	0.36	1.00	9.6	32.4
558040		3.99	22.1	0.13	4.4	0.006	0.061	4.35	39.5	41.4	1.40	273	0.52	0.55	9.6	34.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 25-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223930

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558021		190	0.6	0.7	<0.002	0.08	0.17	0.3	<1	<0.2	11.5	0.11	<0.05	0.22	0.008	0.03
558022		190	0.6	1.2	<0.002	0.01	0.23	0.2	1	<0.2	9.9	0.11	<0.05	0.19	0.006	0.04
558023		290	0.8	0.4	<0.002	0.08	0.21	0.4	1	<0.2	15.1	0.06	<0.05	0.16	0.009	<0.02
558024		300	26.2	138.0	0.006	1.02	1.19	10.0	2	1.2	141.5	0.29	0.06	14.10	0.251	0.58
558025		280	18.2	142.0	0.004	0.97	1.34	9.4	2	1.3	114.0	0.28	0.06	14.45	0.245	0.63
558026		300	20.0	164.5	0.005	0.92	1.26	10.1	2	1.4	76.1	0.36	0.07	15.15	0.284	0.77
558027		290	82.2	165.0	0.006	0.93	1.42	10.0	2	1.4	46.2	0.32	0.13	14.75	0.282	0.82
558028		300	23.9	171.0	0.005	0.95	1.33	9.8	2	1.4	47.1	0.41	0.06	15.80	0.293	0.82
558029		1120	13.7	39.7	<0.002	0.02	0.99	19.6	1	1.7	357	1.12	<0.05	4.87	0.910	0.18
558030		300	18.2	172.0	0.005	0.56	0.81	9.7	1	1.3	83.5	0.66	0.10	14.90	0.321	0.92
558031		310	13.4	178.0	0.003	0.30	0.62	9.9	1	1.4	76.8	0.66	0.09	15.25	0.332	0.98
558032		290	38.8	175.0	0.005	0.83	1.02	10.1	2	1.4	107.5	0.65	0.12	15.65	0.321	0.91
558033		300	20.5	169.0	0.005	0.84	0.92	10.1	2	1.4	85.8	0.64	0.09	14.95	0.326	0.86
558034		300	19.0	157.5	0.004	0.38	0.58	10.0	1	1.4	67.4	0.64	0.09	15.05	0.322	0.80
558035		310	18.5	157.0	0.003	0.30	0.48	10.0	1	1.3	81.3	0.64	0.15	15.15	0.313	0.75
558036		50	0.6	1.3	<0.002	<0.01	<0.05	0.2	1	<0.2	81.4	<0.05	<0.05	0.18	0.008	<0.02
558037		310	14.0	150.0	0.002	0.15	0.39	10.8	1	1.4	49.4	0.65	0.12	15.20	0.330	0.70
558038		310	21.5	151.5	0.002	0.08	0.31	10.6	1	1.5	49.6	0.67	0.09	15.15	0.331	0.68
558039		400	16.7	146.0	0.002	0.13	0.29	10.8	1	1.6	53.0	0.66	0.07	15.95	0.333	0.67
558040		330	11.8	149.5	0.003	0.39	0.40	10.3	1	1.9	37.0	0.66	0.11	15.35	0.330	0.73

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223930

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558021		0.1	16	0.3	5.2	8	6.9	69.9	98.8
558022		0.1	12	0.8	4.8	7	6.1		99.4
558023		0.2	18	0.3	6.5	6	3.9		
558024		3.2	111	0.8	9.1	91	171.0		
558025		3.8	110	0.7	9.8	87	178.5		
558026		4.1	136	0.8	10.0	104	191.0		
558027		4.0	132	0.8	9.0	79	183.5		
558028		3.9	126	0.8	9.3	75	177.0		
558029		1.1	147	2.2	19.9	129	145.0		
558030		3.3	96	0.8	9.7	87	169.0		
558031		2.8	79	0.9	10.1	78	173.0		
558032		3.6	105	0.7	10.2	89	161.5		
558033		3.4	100	0.7	10.1	87	169.0		
558034		2.8	85	0.9	9.6	81	162.0	76.4	
558035		2.8	77	0.9	9.9	78	165.5		
558036		0.1	1	0.1	2.1	5	2.7		
558037		2.9	74	1.0	10.0	82	160.5		
558038		2.4	74	1.1	9.7	82	150.5		
558039		2.4	76	1.0	9.2	96	168.0		
558040		3.4	81	0.9	10.0	79	163.5		

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CERTIFICAT D'ANALYSE VO18223930

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18223932

Projet: Kan

Bon de commande #: KANDH18-101

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

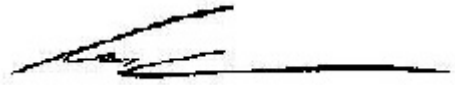
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18223932

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558001		2.31	0.001	0.03	0.12	37.4	<10	0.38	0.01	0.63	<0.02	7.71	2.3	21	0.05	2.8
558002		2.30	<0.001	0.02	0.08	14.7	<10	0.56	0.01	1.81	<0.02	9.24	2.5	16	<0.05	4.7
558003		2.40	<0.001	0.01	0.06	7.5	<10	0.30	<0.01	1.07	<0.02	5.41	1.1	24	<0.05	3.5
558004		2.20	<0.001	0.02	0.08	13.6	<10	0.52	<0.01	0.36	<0.02	6.20	1.6	35	<0.05	1.8
558005		2.49	<0.001	0.01	0.07	13.4	<10	0.54	<0.01	0.56	<0.02	6.74	1.9	23	<0.05	1.8
558006		2.73	<0.001	0.03	0.05	17.6	<10	0.77	<0.01	0.82	<0.02	7.91	2.8	28	0.05	2.9
558007		2.47	<0.001	0.04	0.08	7.6	<10	0.61	<0.01	1.05	<0.02	9.19	3.1	14	0.09	2.0
558008		2.29	<0.001	0.06	0.08	7.7	<10	0.55	<0.01	0.83	<0.02	6.71	2.2	25	<0.05	2.2
558009		0.06	7.51	1.25	5.69	31.3	280	0.96	0.44	2.61	0.08	29.0	39.7	290	0.59	109.0
558010		2.29	0.002	0.01	0.05	4.7	<10	0.53	<0.01	1.57	<0.02	6.64	2.1	21	<0.05	2.2
558011		2.34	<0.001	0.01	0.04	1.6	<10	0.35	<0.01	1.58	<0.02	9.02	2.0	10	<0.05	2.2
558012		2.53	0.001	0.02	0.16	2.1	<10	1.03	0.01	0.78	0.02	9.59	3.1	13	<0.05	3.2
558013		2.43	0.001	0.03	0.37	9.0	<10	0.81	0.02	1.86	0.02	12.50	5.0	15	<0.05	7.1
558014		2.46	<0.001	0.03	0.37	4.4	<10	1.31	0.01	2.00	0.02	11.35	4.7	17	<0.05	3.7
558015		2.54	<0.001	0.03	0.27	1.8	<10	1.23	0.01	1.29	<0.02	11.40	5.2	16	<0.05	4.1
558016		0.30	<0.001	0.01	0.07	0.2	20	0.08	<0.01	34.7	<0.02	0.99	0.5	4	<0.05	2.5
558017		2.84	<0.001	0.01	0.03	6.8	<10	0.43	<0.01	2.11	<0.02	7.28	3.2	10	<0.05	2.2
558018		1.83	<0.001	0.02	0.10	2.7	<10	0.52	<0.01	7.50	0.02	11.35	2.6	6	0.27	1.5
558019		2.36	<0.001	0.01	0.11	1.7	<10	0.68	<0.01	6.63	0.02	10.05	3.4	7	0.12	1.4
558020		2.52	<0.001	0.01	0.10	4.1	<10	0.46	<0.01	4.43	<0.02	8.57	3.8	8	0.06	2.6

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223932

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558001		16.55	1.03	<0.05	<0.1	<0.005	<0.005	0.02	4.5	1.6	2.50	4300	1.58	0.01	0.6	5.7
558002		13.75	0.75	<0.05	0.1	<0.005	<0.005	0.01	5.4	1.4	2.39	3480	1.42	<0.01	0.9	3.8
558003		10.10	0.43	<0.05	<0.1	<0.005	<0.005	0.01	3.1	1.1	1.70	2490	1.74	<0.01	0.4	2.7
558004		9.89	0.64	<0.05	<0.1	<0.005	<0.005	0.01	3.6	1.2	1.47	2490	2.56	<0.01	0.6	4.4
558005		12.20	0.62	<0.05	<0.1	<0.005	<0.005	0.01	3.9	1.1	1.93	3090	1.72	<0.01	0.5	4.3
558006		12.80	0.54	<0.05	<0.1	<0.005	<0.005	0.01	4.5	1.0	2.05	3200	2.28	<0.01	0.5	4.9
558007		18.20	0.91	0.05	<0.1	0.005	<0.005	0.01	5.3	1.3	3.09	4340	1.24	<0.01	0.6	5.2
558008		10.15	0.73	<0.05	<0.1	<0.005	<0.005	0.01	3.9	1.3	1.62	2600	1.91	<0.01	0.6	3.7
558009		5.04	13.60	0.07	2.1	0.150	0.044	0.96	14.3	14.3	3.64	685	5.60	1.09	14.1	229
558010		11.00	0.44	<0.05	<0.1	<0.005	<0.005	0.01	3.8	1.0	1.93	2740	1.63	<0.01	0.5	3.1
558011		22.0	0.49	0.06	<0.1	<0.005	<0.005	0.01	5.4	1.2	4.16	4860	0.84	<0.01	0.5	2.9
558012		22.9	1.19	0.05	0.1	<0.005	<0.005	0.01	5.9	2.3	3.18	5390	1.67	<0.01	1.3	4.4
558013		24.0	2.11	<0.05	0.2	0.006	0.007	<0.01	7.8	3.8	2.85	5390	2.47	<0.01	2.2	8.2
558014		24.4	2.39	0.06	0.2	<0.005	0.009	<0.01	7.1	3.7	2.85	5140	2.89	<0.01	2.0	6.9
558015		21.1	2.43	0.05	0.2	<0.005	0.005	<0.01	7.1	2.7	2.65	5310	1.45	<0.01	3.8	7.1
558016		0.27	0.20	<0.05	<0.1	<0.005	<0.005	0.01	1.1	1.0	1.30	124	0.28	0.03	0.1	0.3
558017		22.0	0.38	0.05	<0.1	<0.005	<0.005	0.01	4.5	0.9	3.32	5470	0.91	<0.01	0.6	4.0
558018		18.90	0.88	0.05	0.1	<0.005	<0.005	0.02	6.9	2.8	4.36	4990	0.42	<0.01	1.3	3.0
558019		20.1	0.91	0.05	0.1	<0.005	<0.005	0.01	6.1	1.7	4.08	5770	0.60	<0.01	1.5	3.0
558020		19.65	0.85	<0.05	0.1	<0.005	<0.005	<0.01	5.3	1.3	3.41	5700	0.65	<0.01	1.1	3.1

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CERTIFICAT D'ANALYSE VO18223932

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558001		150	1.0	1.1	<0.002	0.26	0.30	0.5	1	<0.2	4.6	<0.05	<0.05	0.07	<0.005	0.03
558002		150	1.3	0.6	<0.002	0.32	0.32	0.3	1	0.2	9.9	<0.05	0.05	0.09	0.005	0.02
558003		100	0.7	0.4	<0.002	0.10	0.24	0.3	<1	0.2	5.8	<0.05	<0.05	0.05	<0.005	0.02
558004		90	0.9	0.6	<0.002	0.21	0.31	0.4	1	<0.2	2.7	<0.05	<0.05	0.06	<0.005	0.02
558005		100	0.9	0.6	<0.002	0.19	0.31	0.4	<1	<0.2	4.2	<0.05	<0.05	0.06	<0.005	0.02
558006		110	0.8	0.6	<0.002	0.25	0.30	0.3	1	<0.2	5.9	<0.05	<0.05	0.06	<0.005	0.03
558007		160	0.8	0.9	<0.002	0.27	0.24	0.3	1	<0.2	7.8	<0.05	<0.05	0.07	<0.005	0.04
558008		90	0.8	0.5	<0.002	0.23	0.28	0.4	1	<0.2	6.6	<0.05	<0.05	0.06	<0.005	0.02
558009		990	9.0	35.7	<0.002	0.07	0.72	19.0	1	0.9	255	0.85	0.22	2.13	0.616	0.17
558010		100	0.6	0.4	<0.002	0.11	0.21	0.2	1	<0.2	13.6	<0.05	<0.05	0.05	<0.005	<0.02
558011		150	0.5	0.5	<0.002	0.04	0.13	0.3	1	<0.2	18.3	<0.05	<0.05	0.04	<0.005	0.02
558012		240	0.8	0.2	<0.002	0.22	0.20	0.5	1	<0.2	11.2	0.06	0.05	0.15	0.012	<0.02
558013		380	1.3	0.2	<0.002	0.36	0.29	1.0	1	<0.2	28.0	0.11	0.08	0.34	0.029	<0.02
558014		390	1.1	<0.1	0.002	0.25	0.25	1.0	1	<0.2	28.9	0.09	0.05	0.29	0.024	<0.02
558015		240	0.9	0.2	<0.002	0.26	0.24	0.7	<1	<0.2	15.6	0.13	0.05	0.33	0.021	<0.02
558016		60	<0.5	0.4	<0.002	<0.01	0.09	0.2	1	<0.2	82.0	<0.05	<0.05	0.09	0.005	<0.02
558017		360	<0.5	0.3	<0.002	0.03	0.35	0.1	<1	<0.2	12.7	<0.05	<0.05	0.07	<0.005	<0.02
558018		260	1.1	1.7	<0.002	0.03	0.17	0.3	1	<0.2	52.1	<0.05	<0.05	0.18	0.006	0.08
558019		200	1.7	0.5	<0.002	0.02	0.16	0.3	1	<0.2	50.3	0.06	<0.05	0.16	0.008	0.02
558020		210	1.1	0.2	<0.002	0.06	0.17	0.2	1	<0.2	32.4	0.05	<0.05	0.14	0.006	<0.02

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CERTIFICAT D'ANALYSE VO18223932

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558001		0.4	13	0.2	3.6	6	3.3	73.0	99.2
558002		0.5	9	0.1	4.6	5	4.1		96.8
558003		0.2	7	0.1	3.0	4	1.8		
558004		0.4	9	0.1	2.3	4	2.9		
558005		0.4	10	0.1	2.8	5	2.8		
558006		0.3	9	0.1	3.3	4	2.8		
558007		0.4	11	0.1	4.0	6	2.8		
558008		0.4	9	0.1	2.9	4	3.3		
558009		0.5	132	8.1	13.4	77	88.8		
558010		0.2	6	0.1	3.8	4	1.8		
558011		0.1	11	0.1	4.8	10	2.2		
558012		0.2	19	0.1	4.6	12	4.7		
558013		0.4	33	0.2	5.8	11	9.9		
558014		0.4	31	0.2	6.1	8	8.1		
558015		0.5	30	0.2	5.2	6	9.9		
558016		0.2	1	0.1	2.1	3	1.3		
558017		0.1	8	0.2	4.7	6	1.9		
558018		0.2	11	0.2	7.8	6	4.5		
558019		0.1	11	0.2	7.1	6	4.3		
558020		0.1	11	0.1	6.0	6	3.7		

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COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
Au-ICP21	Hg-MS42	ME-MS61	

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24- SEPT- 2018
Compte: MINVIR

CERTIFICAT VO18223949

Projet: Kan

Bon de commande #: KANDH18- 104

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2018.

Les résultats sont transmis à:

GLENN ASCH	KAREN CHIU	PAUL DOBAK
SIMON HEBERT	SIMON HOULE	LEE SCHOLL
LIZ STOCK	CORPORATIF WEBTRIEVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 24- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223949

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
558061		4.75	0.001	0.10	7.08	15.0	30	0.34	0.01	6.65	0.13	9.17	52.1	127	4.39	132.0
558062		4.66	0.003	0.07	6.89	9.3	30	0.26	0.01	6.17	0.15	7.97	47.7	121	2.16	136.5
558063		4.53	0.001	0.06	6.76	18.8	20	0.27	0.01	5.83	0.15	7.68	53.5	108	1.54	145.0
558064		4.66	0.001	0.05	6.73	23.9	10	0.31	0.01	6.14	0.15	7.14	50.0	112	0.53	118.5
558065		4.59	<0.001	0.06	6.45	6.1	40	0.30	0.01	6.98	0.15	8.98	43.8	123	2.98	136.5
558066		4.52	<0.001	0.05	6.63	11.7	50	0.35	0.01	5.46	0.13	8.92	44.6	137	3.67	116.0
558067		4.52	0.001	0.08	6.23	22.7	30	0.45	0.01	5.56	0.27	9.55	43.5	122	1.27	165.0
558068		3.57	0.001	0.06	6.80	17.8	80	0.72	0.01	1.61	0.29	8.75	49.1	153	7.93	129.5
558069		0.06	7.58	1.38	6.21	33.8	320	0.83	0.52	2.92	0.09	32.4	41.1	322	0.72	111.5
558070		3.36	0.002	0.06	6.46	0.5	830	2.29	0.09	0.16	0.03	41.4	24.1	93	1.88	62.0
558071		4.49	0.004	0.09	6.93	0.5	790	2.80	0.17	0.08	0.03	66.0	22.2	95	3.86	51.9
558072		5.18	0.006	0.09	6.85	0.5	730	3.00	0.18	0.13	0.02	71.2	22.4	101	3.53	32.7
558073		4.13	0.001	0.12	6.55	34.9	40	0.64	0.01	4.81	0.19	9.86	45.4	121	2.09	131.0
558074		4.49	0.002	0.07	6.31	28.0	30	0.39	0.01	5.56	0.10	8.84	41.7	117	2.52	131.0
558075		4.40	<0.001	0.08	6.45	37.4	30	0.48	0.01	5.82	0.10	9.69	45.8	113	2.14	119.5
558076		0.35	<0.001	0.01	0.24	1.0	10	0.05	0.01	30.9	0.02	1.26	1.9	5	0.10	3.7
558077		4.58	0.001	0.09	6.53	28.3	20	0.57	0.02	4.27	0.11	16.65	42.8	127	0.43	173.5
558078		4.40	0.002	0.09	6.67	38.4	30	0.45	0.01	3.85	0.13	11.05	46.2	130	2.46	141.5
558079		4.71	0.002	0.07	7.29	34.3	70	0.38	0.01	2.67	0.11	10.75	51.3	144	7.11	146.0
558080		4.69	0.001	0.04	7.03	20.2	70	0.29	<0.01	2.88	0.08	9.50	44.6	135	6.84	113.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 24- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223949

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
558061		9.04	17.45	0.06	0.9	0.037	0.076	0.58	3.2	23.9	4.26	1580	0.28	1.95	3.2	126.0
558062		8.67	15.80	0.06	0.9	0.063	0.069	0.36	2.8	18.6	4.52	1380	0.31	2.31	2.8	139.0
558063		8.89	15.75	0.07	1.2	0.033	0.066	0.26	2.8	26.1	5.13	1420	0.22	1.95	2.7	192.0
558064		8.18	15.15	0.06	0.9	0.026	0.064	0.05	2.6	29.9	4.63	1310	0.26	1.50	2.6	171.0
558065		8.74	16.10	0.06	0.8	0.036	0.073	0.45	3.2	28.8	3.97	1410	0.22	1.33	3.1	81.8
558066		8.96	16.80	0.07	1.0	0.032	0.074	0.58	3.1	29.8	4.08	1220	0.26	1.41	3.3	87.1
558067		9.02	16.05	0.06	1.3	0.018	0.080	0.19	3.3	30.5	4.08	964	0.24	1.13	3.3	75.5
558068		13.80	17.90	0.10	1.7	0.014	0.075	0.91	3.0	46.6	6.06	651	0.26	0.02	3.5	97.2
558069		5.64	16.05	0.07	2.5	0.157	0.051	1.07	16.1	13.3	4.08	733	6.55	1.21	17.3	252
558070		8.94	20.6	0.10	2.3	0.022	0.039	2.50	18.9	31.3	2.04	329	3.14	0.03	17.0	61.1
558071		10.70	21.9	0.12	2.5	0.027	0.057	2.80	31.0	38.7	1.88	671	3.52	0.03	22.2	59.6
558072		11.20	19.95	0.13	2.5	0.040	0.059	2.31	35.7	36.9	1.92	926	3.41	0.02	17.2	59.9
558073		9.88	16.80	0.08	1.7	0.021	0.079	0.26	3.7	43.4	5.13	1020	0.24	0.84	3.0	85.3
558074		8.48	15.80	0.07	1.2	0.032	0.072	0.25	3.1	29.0	4.07	1370	0.21	1.58	3.1	81.5
558075		9.53	16.45	0.06	1.5	0.019	0.073	0.23	3.5	36.4	5.17	1320	0.21	0.94	2.6	84.2
558076		0.39	0.69	<0.05	0.1	<0.005	0.005	0.02	1.3	2.0	1.43	113	0.07	0.05	0.2	2.9
558077		11.45	17.25	0.06	1.6	0.032	0.073	0.06	6.7	31.9	5.36	1080	0.57	0.47	4.0	82.8
558078		10.00	17.55	0.08	1.5	0.019	0.077	0.30	4.0	39.4	6.64	1020	0.49	0.58	2.1	94.9
558079		10.15	18.45	0.09	1.5	0.023	0.083	0.79	3.8	40.8	6.89	774	0.25	0.75	2.5	88.7
558080		9.54	17.85	0.08	1.6	0.028	0.076	0.79	3.2	40.7	6.81	765	0.20	0.70	3.4	90.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 24- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223949

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
558061		360	2.0	35.0	<0.002	0.11	0.77	43.2	1	0.6	197.5	0.19	<0.05	0.24	0.649	0.28
558062		310	2.1	17.9	0.002	0.12	0.87	38.6	1	0.5	182.0	0.18	<0.05	0.21	0.597	0.17
558063		300	1.5	12.4	<0.002	0.05	0.53	37.2	1	0.6	114.0	0.16	<0.05	0.20	0.543	0.12
558064		300	1.6	2.6	0.002	0.04	0.32	35.4	1	0.5	127.0	0.16	<0.05	0.19	0.528	0.03
558065		340	1.9	22.5	<0.002	0.08	0.34	40.6	1	0.6	130.0	0.19	<0.05	0.23	0.640	0.20
558066		380	2.0	28.7	0.002	0.12	0.31	42.3	1	0.6	103.5	0.20	<0.05	0.24	0.660	0.27
558067		370	2.2	8.2	<0.002	0.07	0.27	40.7	1	0.7	106.0	0.20	<0.05	0.24	0.658	0.07
558068		380	0.7	45.7	0.002	0.10	0.19	41.1	1	0.5	27.4	0.21	<0.05	0.28	0.709	0.42
558069		1120	10.0	40.1	<0.002	0.08	0.85	20.8	1	1.1	285	0.98	0.24	2.55	0.685	0.20
558070		260	3.5	31.7	0.008	1.41	0.33	12.5	2	1.2	11.0	1.06	0.07	5.54	0.335	0.21
558071		330	5.6	58.6	0.005	2.12	0.51	13.5	2	1.6	12.5	1.27	0.07	8.27	0.340	0.34
558072		550	8.1	54.5	0.006	1.72	0.84	13.3	2	1.6	11.2	1.06	0.08	8.19	0.335	0.40
558073		370	2.8	11.5	0.002	0.10	0.17	40.6	1	0.4	128.0	0.18	<0.05	0.39	0.573	0.11
558074		350	2.4	13.5	<0.002	0.09	0.12	40.5	1	0.5	159.0	0.19	<0.05	0.23	0.635	0.12
558075		350	2.7	11.6	0.002	0.06	0.14	41.7	1	0.5	159.5	0.17	<0.05	0.25	0.581	0.11
558076		70	0.5	0.6	<0.002	<0.01	0.06	1.4	1	<0.2	82.0	<0.05	<0.05	0.06	0.022	<0.02
558077		370	2.2	2.2	0.002	0.33	0.16	37.3	1	0.4	115.0	0.24	<0.05	1.07	0.504	0.02
558078		370	4.0	14.0	0.002	0.07	0.16	40.8	1	0.5	108.0	0.12	<0.05	0.24	0.383	0.14
558079		420	1.8	39.9	0.003	0.05	0.21	46.0	1	0.6	82.5	0.16	<0.05	0.29	0.631	0.35
558080		390	1.3	38.0	0.003	0.02	0.29	44.6	<1	0.7	84.9	0.22	<0.05	0.25	0.698	0.32

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 24- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223949

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01
558061		0.1	340	0.3	22.6	96	24.4	82.7	90.2
558062		0.1	320	0.3	20.2	97	31.5		91.4
558063		0.1	295	0.3	19.8	97	27.7		
558064		0.1	274	0.6	18.5	95	31.9		
558065		0.1	337	0.7	22.0	93	27.2		
558066		0.1	348	0.5	23.2	78	37.4		
558067		0.1	337	0.5	23.8	81	44.0		
558068		0.1	377	0.2	21.4	106	60.6		
558069		0.6	148	9.5	15.7	85	102.5		
558070		5.4	208	2.7	10.4	88	86.6		
558071		5.8	240	2.6	10.7	111	98.8		
558072		4.7	201	2.2	11.2	111	95.5		
558073		0.1	335	0.7	7.9	87	47.7		
558074		0.1	329	0.3	9.2	83	56.1		93.2
558075		0.1	331	0.7	9.5	85	61.2		96.0
558076		0.2	11	0.3	2.3	5	2.9		
558077		0.6	319	1.0	9.5	89	65.9		
558078		0.1	351	1.8	8.5	94	52.5		
558079		0.1	383	0.6	18.1	95	52.7		
558080		0.1	369	0.5	25.4	88	43.5		

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 24- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223949

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351- B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18223954

Projet: Kan

Bon de commande #: KANDH18-103

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

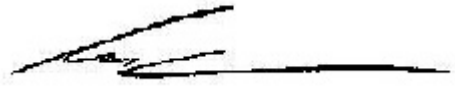
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223954

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558041		4.42	0.002	0.29	8.38	23.9	710	1.96	0.75	0.27	0.10	71.5	12.8	74	3.67	150.0
558042		4.61	0.003	0.11	8.49	1.7	700	1.92	0.27	0.40	0.17	76.0	10.6	65	3.71	34.2
558043		4.57	<0.001	0.21	8.24	0.2	730	1.72	0.16	0.83	0.20	71.2	8.7	62	3.78	37.9
558044		4.41	0.002	0.17	8.28	0.6	760	1.56	0.12	0.73	0.16	71.3	8.2	63	4.22	42.2
558045		4.46	0.001	0.19	7.21	11.2	380	1.45	0.12	3.04	0.21	48.5	20.7	81	6.21	67.9
558046		4.50	0.002	0.11	8.40	0.9	440	1.97	0.19	0.37	0.08	59.1	9.1	78	6.66	46.5
558047		3.88	0.001	0.08	8.56	4.4	460	1.93	0.17	0.25	0.03	52.0	10.8	84	5.75	35.7
558048		4.11	0.001	0.07	9.56	<0.2	510	2.54	0.21	0.13	0.04	65.6	10.4	80	7.06	27.4
558049		0.06	2.56	0.47	6.77	11.4	310	1.19	0.16	4.54	0.08	42.6	49.6	304	0.67	79.1
558050		4.42	0.001	0.07	8.93	<0.2	450	2.11	0.18	0.14	0.03	58.3	9.0	77	6.36	26.8
558051		4.34	<0.001	0.07	9.43	5.7	440	2.19	0.16	0.10	0.02	62.8	9.8	81	7.32	23.4
558052		4.15	<0.001	0.11	9.30	1.2	410	2.16	0.22	0.28	0.05	67.6	10.5	85	8.19	26.3
558053		4.41	0.007	0.10	9.05	1.3	430	2.24	0.13	0.14	0.03	61.2	10.5	85	9.11	31.3
558054		4.55	0.001	0.18	8.99	1.6	480	2.11	0.12	0.15	0.05	66.5	11.1	81	9.57	57.7
558055		4.54	0.005	0.28	8.55	1.6	500	2.39	0.19	0.15	1.25	57.4	12.5	89	8.34	65.1
558056		0.22	<0.001	<0.01	0.13	<0.2	20	0.07	0.01	31.9	0.02	1.27	0.5	2	0.08	0.9
558057		4.48	0.009	0.32	8.54	1.8	550	1.91	0.19	0.08	1.46	57.9	15.7	86	5.75	80.1
558058		2.72	<0.001	0.08	7.30	18.6	430	1.14	0.01	1.43	0.08	42.8	23.0	111	4.02	37.7
558059		3.64	0.001	0.24	6.59	41.9	60	0.37	0.02	6.52	0.24	11.85	42.5	108	0.87	145.0
558060		4.40	0.002	0.18	6.52	28.4	20	0.33	0.01	5.84	0.17	8.06	46.6	118	2.18	145.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223954

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558041		3.65	19.30	0.11	4.3	0.029	0.061	4.45	34.7	40.0	1.20	247	0.47	0.40	8.1	37.1
558042		3.91	20.3	0.11	4.5	0.020	0.089	3.99	37.6	37.2	1.20	253	1.29	0.86	8.4	32.1
558043		2.95	20.0	0.11	5.3	0.022	0.039	4.40	35.4	38.9	1.29	293	3.32	0.66	5.2	36.0
558044		2.97	19.70	0.13	4.5	0.014	0.042	4.48	36.5	42.1	1.28	272	3.42	0.45	5.4	36.6
558045		6.80	17.40	0.09	2.7	0.009	0.046	2.75	23.9	44.8	2.26	931	1.56	0.98	4.9	61.2
558046		7.15	20.1	0.10	2.0	0.011	0.047	3.26	30.6	42.7	1.52	432	0.35	0.99	6.9	27.5
558047		6.27	20.9	0.10	2.0	<0.005	0.046	3.63	26.1	40.8	1.49	316	0.29	0.69	7.2	32.7
558048		4.96	24.8	0.12	2.2	<0.005	0.053	4.67	30.9	44.7	1.16	172	0.57	0.52	8.4	31.1
558049		7.24	17.15	0.09	3.2	0.062	0.062	0.96	20.4	9.5	5.31	1020	2.84	1.93	27.5	346
558050		5.17	22.6	0.10	2.1	<0.005	0.046	4.24	29.4	39.5	1.12	225	0.32	0.58	7.6	28.3
558051		4.09	24.3	0.13	2.3	<0.005	0.049	4.96	29.4	39.2	0.96	174	0.52	0.30	8.4	30.7
558052		4.43	23.8	0.12	2.5	<0.005	0.054	4.97	33.3	40.3	1.02	230	0.81	0.31	8.3	31.0
558053		4.53	23.3	0.12	2.4	0.005	0.048	5.00	29.2	41.6	1.04	167	0.71	0.41	8.3	31.0
558054		3.78	23.6	0.12	2.6	0.007	0.045	5.05	32.6	42.5	0.92	183	1.46	0.36	8.2	32.8
558055		5.67	21.7	0.12	2.1	0.059	0.052	4.56	27.9	44.6	1.04	343	2.87	0.15	7.1	39.5
558056		0.15	0.37	0.14	0.1	<0.005	<0.005	0.03	1.2	1.8	2.09	90	0.06	0.05	0.2	0.5
558057		6.38	20.5	0.13	2.2	0.062	0.048	4.10	28.1	38.8	1.20	603	4.10	0.04	7.0	45.9
558058		7.18	17.55	0.07	2.3	0.007	0.047	2.42	20.1	34.2	2.06	1580	3.87	0.35	6.4	45.7
558059		8.66	15.45	0.06	1.1	0.016	0.061	0.32	4.5	36.5	3.98	2030	0.27	1.12	3.5	106.0
558060		8.63	15.05	0.05	0.8	0.033	0.074	0.40	2.8	34.4	4.05	1570	0.21	1.29	2.8	121.0

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QUEBEC QC G1K 7R1

Finalisée date: 24-SEPT-2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18223954

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558041		330	21.7	137.5	0.002	0.48	0.42	11.9	2	2.1	31.8	0.60	0.50	12.65	0.345	0.72
558042		300	13.5	126.0	0.004	0.54	0.63	9.2	1	3.3	46.4	0.61	0.09	13.75	0.303	0.67
558043		300	30.6	134.0	0.004	0.85	0.92	9.3	1	1.3	65.6	0.34	0.07	14.05	0.244	0.67
558044		270	13.9	141.5	0.007	0.86	1.09	8.9	1	1.3	61.9	0.36	0.06	13.30	0.248	0.66
558045		490	15.0	113.5	0.004	1.14	0.70	16.0	1	1.1	200	0.35	0.11	8.43	0.307	0.66
558046		700	10.8	130.5	0.002	0.44	0.47	9.7	1	1.5	47.8	0.54	0.12	10.85	0.261	0.62
558047		180	16.6	127.5	<0.002	0.29	0.38	12.0	<1	1.3	38.5	0.54	0.09	9.99	0.309	0.57
558048		180	21.1	169.0	0.002	0.30	0.39	11.4	<1	1.6	37.7	0.66	0.08	12.00	0.300	0.67
558049		1780	4.7	29.3	<0.002	0.03	0.35	20.5	<1	1.2	471	1.60	0.10	2.60	1.010	0.07
558050		200	14.5	154.0	<0.002	0.23	0.35	10.2	1	1.5	40.8	0.60	0.09	10.95	0.286	0.59
558051		290	13.3	164.5	0.003	0.13	0.33	11.0	1	1.6	40.3	0.65	0.05	11.75	0.314	0.64
558052		180	20.4	167.0	0.002	0.45	0.40	11.1	1	1.6	53.7	0.65	0.06	12.40	0.316	0.64
558053		250	10.1	167.0	0.003	0.49	0.40	11.2	1	1.6	38.8	0.65	0.06	11.45	0.314	0.74
558054		170	14.5	169.0	0.004	0.58	0.56	10.6	2	1.5	35.6	0.64	0.10	13.10	0.304	0.72
558055		190	13.7	144.5	0.009	1.16	1.01	11.2	3	1.5	26.1	0.61	0.10	10.75	0.247	0.73
558056		50	<0.5	1.1	<0.002	<0.01	0.08	0.3	<1	<0.2	73.5	<0.05	<0.05	0.13	0.009	<0.02
558057		180	12.6	120.0	0.011	1.42	1.12	10.3	3	1.4	17.9	0.60	0.13	10.10	0.249	0.54
558058		260	3.6	74.1	0.006	0.08	0.28	19.5	<1	0.8	35.7	0.50	<0.05	6.27	0.419	0.34
558059		330	5.0	9.8	<0.002	0.03	0.26	36.2	1	0.5	154.0	0.24	<0.05	1.05	0.583	0.06
558060		340	3.5	20.5	<0.002	0.07	0.33	39.8	1	0.6	141.5	0.18	<0.05	0.22	0.612	0.19

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

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Projet: Kan

CERTIFICAT D'ANALYSE VO18223954

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558041		2.4	100	0.9	8.8	92	153.0	71.1	97.1
558042		3.1	91	0.7	8.8	135	163.5		
558043		3.8	114	0.6	8.5	79	191.0		
558044		3.7	117	0.7	8.5	54	160.5		
558045		2.7	143	0.6	9.3	103	96.9		
558046		2.1	71	0.8	7.3	95	67.9		
558047		1.7	91	1.1	5.9	72	71.0		
558048		2.4	78	1.5	6.9	69	76.1		
558049		0.6	143	3.0	19.8	100	134.0		
558050		1.9	80	1.2	6.9	66	69.6		
558051		2.2	80	1.4	8.1	67	83.5		
558052		2.2	93	1.3	7.8	70	84.5		
558053		2.2	95	1.1	7.8	73	84.1		
558054		2.4	89	1.2	7.3	73	91.9		
558055		3.7	170	1.2	7.7	219	68.9		
558056		0.1	2	0.1	2.0	4	2.0		
558057		4.6	216	1.1	8.2	258	74.1		
558058		1.5	167	0.9	10.4	96	81.4		
558059		0.3	305	0.3	22.8	94	52.7		
558060		0.1	325	0.2	20.2	95	32.0		

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CERTIFICAT D'ANALYSE VO18223954

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 25-SEPT-2018
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CERTIFICAT VO18223962

Projet: Kan

Bon de commande #: KANDH18-105

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 10-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

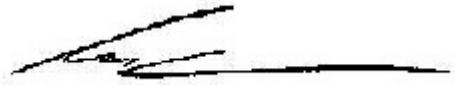
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18223962

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558081		4.57	<0.001	0.06	7.13	15.7	130	0.44	0.01	3.33	0.09	9.39	46.2	127	10.45	145.0
558082		4.59	0.001	0.05	6.86	16.4	120	0.54	0.01	4.42	0.12	8.99	44.7	112	9.17	152.5
558083		4.40	<0.001	0.05	7.21	15.1	70	0.35	<0.01	3.76	0.11	6.59	50.1	120	4.83	134.5
558084		4.61	<0.001	0.05	7.53	10.3	170	0.45	0.01	3.69	0.09	8.38	53.8	119	7.94	144.0
558085		4.59	<0.001	0.05	7.22	10.6	60	0.38	0.01	5.40	0.12	8.00	52.0	112	1.83	139.0
558086		4.80	0.001	0.07	7.09	5.5	50	0.48	0.01	6.61	0.14	9.04	47.4	118	1.82	178.0
558087		4.87	<0.001	0.07	7.15	19.8	50	0.45	0.01	6.03	0.13	8.21	56.3	111	1.87	145.5
558088		4.52	<0.001	0.10	6.87	14.0	50	0.36	0.01	6.16	0.17	7.83	47.6	103	2.72	149.5
558089		0.07	0.672	0.19	7.60	20.3	340	1.74	0.13	4.44	0.20	51.8	44.0	185	2.03	58.3
558090		2.62	0.002	0.14	6.81	17.1	50	0.47	<0.01	6.17	0.26	9.27	51.5	113	2.57	163.0
558091		4.01	<0.001	0.04	8.31	0.9	630	2.09	0.05	0.82	0.11	60.1	17.6	96	8.52	29.1
558092		2.41	0.001	0.13	8.62	3.3	580	2.35	0.36	1.38	0.37	61.8	20.6	95	6.63	31.7
558093		4.38	<0.001	0.19	6.83	24.9	40	0.46	0.02	5.54	0.39	7.78	45.3	113	4.31	134.5
558094		4.56	0.001	0.14	6.62	9.2	30	0.37	0.01	6.06	0.14	8.16	44.5	108	5.55	141.0
558095		4.57	<0.001	0.16	6.52	13.9	30	0.32	0.01	7.85	0.18	7.71	42.4	103	3.39	136.0
558096		0.30	<0.001	<0.01	0.16	<0.2	20	0.07	0.01	32.4	0.02	1.11	1.3	3	0.08	3.4
558097		4.53	0.001	0.14	6.85	26.9	330	1.15	0.07	5.42	1.07	22.4	35.9	103	2.07	121.5
558098		4.58	0.004	0.09	8.68	3.2	640	1.80	0.07	0.73	0.62	61.6	14.7	88	7.06	77.9
558099		4.65	0.001	0.15	6.85	5.6	50	0.50	0.01	6.39	0.27	10.40	42.5	118	3.91	149.5
558100		4.72	0.001	0.10	7.29	16.4	20	0.31	0.01	6.64	0.13	8.71	49.3	119	0.84	139.5

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Projet: Kan

CERTIFICAT D'ANALYSE VO18223962

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558081		9.23	16.35	0.07	0.8	0.033	0.077	1.36	3.2	52.9	6.20	758	0.23	0.98	3.2	89.4
558082		8.92	15.60	0.08	1.0	0.039	0.076	1.13	3.1	49.0	5.91	952	0.19	1.03	3.1	105.0
558083		8.61	15.10	0.07	0.8	0.029	0.065	0.66	2.3	51.1	6.32	1120	0.16	1.15	2.5	149.5
558084		8.78	15.85	0.07	0.7	0.056	0.069	1.24	2.8	42.2	5.42	1150	0.20	2.12	2.9	167.5
558085		9.07	15.45	0.06	0.5	0.048	0.066	0.36	2.7	31.8	5.05	1440	0.18	2.31	2.7	179.5
558086		9.37	16.20	0.06	0.6	0.051	0.071	0.36	3.0	29.7	4.37	1570	0.20	1.57	3.0	136.0
558087		9.14	15.50	0.05	0.7	0.047	0.068	0.38	2.8	29.6	4.83	1420	0.18	2.02	2.8	158.5
558088		8.68	14.90	0.06	0.8	0.025	0.065	0.48	2.6	42.2	4.74	1440	0.17	1.28	2.6	158.0
558089		7.48	20.2	0.09	3.6	0.019	0.069	0.89	23.1	16.5	2.97	960	1.79	1.74	19.9	141.5
558090		8.99	15.45	0.06	0.9	0.022	0.074	0.47	3.2	41.7	4.15	1620	0.20	1.35	3.1	126.5
558091		8.96	21.4	0.11	2.0	0.013	0.044	3.26	29.8	50.9	2.08	4070	1.19	0.16	9.0	39.4
558092		8.72	21.7	0.13	2.1	0.011	0.065	3.34	29.8	47.6	1.92	8840	0.80	0.05	8.4	44.3
558093		8.86	15.15	0.07	0.8	0.017	0.070	0.66	2.7	47.1	4.40	1810	0.17	1.29	2.7	123.5
558094		8.41	14.65	0.06	0.9	0.029	0.062	0.85	2.8	41.8	4.14	1360	0.17	1.37	2.7	118.0
558095		8.36	14.15	0.06	0.8	0.025	0.065	0.55	2.6	39.6	4.17	1520	0.18	1.26	2.7	119.0
558096		0.22	0.46	0.06	0.1	<0.005	<0.005	0.02	1.2	1.9	1.50	109	0.08	0.05	0.2	2.0
558097		7.88	16.45	0.08	1.2	0.046	0.057	2.00	10.9	42.0	3.17	1400	1.78	0.08	3.9	106.5
558098		5.18	21.3	0.12	2.0	0.040	0.023	4.75	31.8	34.5	1.17	292	3.48	0.09	6.9	49.4
558099		8.89	15.90	0.07	0.6	0.030	0.076	0.78	3.7	34.2	3.89	1380	0.22	1.10	3.1	86.6
558100		8.90	15.50	<0.05	0.8	0.033	0.067	0.21	3.0	20.7	4.70	1420	0.48	1.38	2.8	150.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 25-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223962

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558081		380	2.5	58.9	0.002	0.07	0.23	44.8	1	0.5	97.4	0.19	<0.05	0.27	0.696	0.49
558082		390	2.3	47.6	0.002	0.10	0.23	40.7	1	0.5	122.5	0.19	<0.05	0.26	0.654	0.41
558083		300	1.6	27.8	<0.002	0.06	0.23	37.4	1	0.5	92.8	0.16	<0.05	0.19	0.550	0.22
558084		360	1.5	53.1	0.002	0.14	0.33	40.0	1	0.5	94.2	0.17	<0.05	0.23	0.611	0.40
558085		330	1.3	14.7	<0.002	0.06	0.47	39.8	1	0.5	145.0	0.17	<0.05	0.20	0.609	0.11
558086		360	2.6	15.5	0.002	0.13	0.79	43.7	1	0.6	267	0.18	<0.05	0.23	0.660	0.11
558087		320	2.0	16.3	0.002	0.10	0.64	39.9	1	0.6	208	0.17	<0.05	0.21	0.619	0.11
558088		310	4.1	22.4	0.002	0.05	0.26	38.6	1	0.6	147.5	0.16	<0.05	0.19	0.580	0.14
558089		1160	13.8	43.0	<0.002	0.02	0.98	20.4	1	1.7	360	1.13	<0.05	5.14	0.921	0.19
558090		360	1.8	22.2	0.002	0.09	0.22	42.0	1	0.6	146.0	0.19	<0.05	0.30	0.631	0.15
558091		340	3.6	107.5	0.002	0.37	0.24	14.1	1	1.4	31.4	0.61	<0.05	9.92	0.306	0.46
558092		260	7.9	105.5	<0.002	0.41	0.26	16.0	1	1.5	44.3	0.63	0.07	10.15	0.333	0.42
558093		340	5.4	34.3	0.002	0.06	0.19	40.6	1	0.5	167.0	0.17	<0.05	0.24	0.616	0.22
558094		330	3.2	45.4	<0.002	0.13	0.22	39.0	1	0.5	178.5	0.16	<0.05	0.23	0.581	0.28
558095		300	3.2	28.2	<0.002	0.07	0.25	37.8	1	0.5	196.5	0.16	<0.05	0.20	0.574	0.17
558096		50	0.5	0.8	<0.002	<0.01	<0.05	0.8	1	<0.2	84.0	<0.05	<0.05	0.07	0.012	<0.02
558097		260	2.6	36.2	0.005	0.49	0.24	27.7	2	0.8	115.0	0.26	0.05	3.10	0.444	0.16
558098		200	5.4	124.5	0.010	0.81	0.42	11.6	3	0.8	23.6	0.61	<0.05	11.85	0.255	0.48
558099		360	2.2	37.7	0.002	0.09	0.54	41.6	1	0.7	129.5	0.19	<0.05	0.48	0.643	0.21
558100		340	5.2	7.9	0.002	0.10	1.58	37.3	1	0.6	247	0.17	0.05	0.25	0.598	0.06

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223962

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558081		0.1	370	0.5	22.1	80	31.5	80.7	91.2
558082		0.1	342	0.6	21.6	86	40.2		
558083		0.1	294	0.5	18.5	85	23.8		
558084		0.1	318	0.4	20.2	88	34.6		
558085		0.1	316	0.3	19.9	96	24.5		
558086		0.1	348	0.4	21.9	99	33.3		
558087		0.1	320	0.7	20.7	97	19.5		
558088		0.1	306	0.6	19.5	96	29.8		
558089		1.1	148	1.9	20.5	130	149.0		
558090		0.1	333	0.5	21.4	101	30.6		
558091		2.8	127	1.2	11.6	132	75.8		
558092		2.2	128	1.5	12.6	190	76.1		
558093		0.1	325	0.4	19.9	102	40.0		
558094		0.1	306	0.5	19.9	89	27.9		
558095		0.1	301	0.9	18.6	92	32.1		
558096		0.1	5	0.1	2.6	5	2.2		
558097		1.7	286	1.7	14.8	166	41.6		
558098		4.7	198	1.4	12.0	170	70.2		
558099		0.1	339	0.3	22.1	103	22.9		
558100		0.1	314	0.2	19.9	96	21.8		

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CERTIFICAT D'ANALYSE VO18223962

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18223970

Projet: Kan

Bon de commande #: KANDH18-106

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

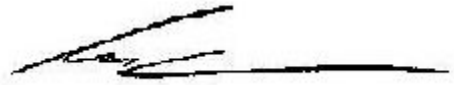
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18223970

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558101		4.86	<0.001	0.07	7.70	17.6	20	0.33	0.02	7.18	0.13	8.44	55.9	115	0.80	136.5
558102		4.91	<0.001	0.06	7.39	31.6	10	0.31	0.02	6.60	0.14	7.80	63.3	112	0.59	145.5
558103		4.69	0.002	0.08	7.14	9.7	20	0.36	0.03	6.62	0.15	7.76	48.9	115	2.79	146.0
558104		4.51	0.001	0.10	6.76	14.4	30	0.35	0.02	6.63	0.16	7.26	46.0	125	3.85	150.0
558105		2.02	<0.001	0.05	8.85	12.5	660	1.52	0.05	1.75	0.63	50.9	17.1	97	5.03	35.5
558106		4.26	0.001	0.06	10.10	2.6	680	2.26	0.16	0.12	0.32	71.6	11.6	86	7.26	36.8
558107		4.44	0.001	0.09	10.00	0.8	540	2.21	0.17	0.10	0.06	80.1	11.5	84	7.06	49.4
558108		4.50	0.002	0.08	10.25	0.8	510	2.26	0.11	0.09	0.03	76.8	11.0	89	7.34	51.7
558109		0.06	2.61	0.48	6.95	12.0	320	1.25	0.17	4.71	0.06	44.6	50.5	309	0.70	77.2
558110		4.64	0.002	0.60	9.45	0.2	430	2.23	1.05	0.35	0.15	97.6	11.1	98	7.54	38.0
558111		4.45	<0.001	0.06	8.78	2.6	380	2.06	0.12	0.20	0.05	70.4	9.6	86	6.38	24.4
558112		4.52	<0.001	0.06	10.05	2.2	440	2.14	0.17	0.12	0.02	77.4	9.2	83	6.69	24.4
558113		4.49	<0.001	0.07	10.40	2.0	480	2.34	0.22	0.07	0.03	79.7	10.8	87	7.12	33.4
558114		4.39	0.001	0.10	9.50	0.7	460	2.25	0.22	0.21	0.04	68.6	10.8	84	6.72	43.1
558115		4.48	0.001	0.06	9.28	0.2	490	2.13	0.20	0.06	<0.02	71.8	10.2	80	7.15	32.7
558116		0.29	<0.001	<0.01	0.12	0.4	20	0.08	0.02	34.9	<0.02	1.28	0.6	2	<0.05	0.9
558117		4.56	<0.001	0.09	8.65	<0.2	460	1.88	0.22	0.43	0.04	67.2	8.7	81	7.89	38.1
558118		4.46	<0.001	0.07	8.90	1.7	470	2.19	0.15	0.47	0.05	66.8	10.8	82	8.53	35.7
558119		4.73	<0.001	0.05	9.52	0.7	530	2.17	0.12	0.09	<0.02	73.1	9.3	86	6.02	31.5
558120		4.33	<0.001	0.03	9.57	<0.2	590	2.12	0.13	0.09	0.02	70.2	9.2	90	5.74	26.8

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Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558101		9.22	16.90	0.10	0.8	0.021	0.071	0.25	3.2	19.8	5.29	1520	0.36	1.52	2.9	197.5
558102		9.31	15.75	0.09	0.8	0.028	0.068	0.15	2.9	18.6	5.56	1480	0.52	1.60	2.7	213
558103		8.93	15.35	0.09	0.6	0.027	0.071	0.40	2.9	26.4	4.65	1460	0.22	1.60	2.6	141.5
558104		9.19	15.40	0.08	0.8	0.012	0.073	0.55	2.7	33.0	4.19	1630	0.23	1.27	2.8	117.0
558105		5.12	21.8	0.14	2.5	0.021	0.057	3.56	27.6	31.8	1.47	748	0.36	1.34	7.0	41.9
558106		4.79	25.7	0.18	2.6	0.019	0.053	5.03	38.5	37.4	1.08	369	0.97	0.14	8.7	31.6
558107		4.43	26.2	0.20	2.8	0.014	0.051	5.29	43.8	37.6	1.03	252	1.43	0.08	9.0	35.3
558108		4.23	26.4	0.21	2.8	0.013	0.055	5.36	42.5	36.6	0.99	172	2.94	0.19	9.1	37.3
558109		7.40	17.70	0.14	3.3	0.048	0.062	1.00	23.3	9.0	5.54	1040	2.83	1.98	28.2	349
558110		4.56	24.8	0.20	2.5	0.012	0.056	4.95	53.3	34.8	1.05	229	1.76	0.28	8.4	35.3
558111		4.22	22.1	0.17	2.3	0.009	0.046	4.46	39.6	31.8	0.96	182	1.07	0.29	7.4	26.9
558112		4.86	24.8	0.14	2.2	0.005	0.050	5.05	41.3	35.7	1.15	166	0.42	0.39	8.0	33.3
558113		4.35	25.8	0.16	2.5	0.006	0.052	5.39	42.3	36.5	1.05	146	0.42	0.32	8.6	33.9
558114		5.55	23.7	0.14	2.1	0.009	0.050	4.32	36.9	35.7	1.21	185	0.63	0.84	7.6	35.3
558115		5.53	23.6	0.14	2.2	0.010	0.048	4.34	38.7	38.9	1.21	133	0.37	0.63	7.8	31.9
558116		0.13	0.32	<0.05	<0.1	<0.005	<0.005	0.03	1.3	1.0	1.21	90	0.38	0.04	0.2	0.4
558117		6.61	21.1	0.12	1.9	<0.005	0.044	3.60	36.2	36.3	1.40	453	0.43	0.93	6.9	28.2
558118		6.52	22.6	0.14	2.1	0.008	0.049	3.98	35.8	38.1	1.43	498	0.33	0.93	7.2	33.4
558119		4.97	24.2	0.15	2.5	0.011	0.050	4.57	39.5	35.1	1.14	188	0.87	0.62	8.1	32.5
558120		5.40	24.8	0.15	2.2	0.007	0.057	4.45	36.6	36.7	1.26	198	0.41	0.76	8.2	32.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223970

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558101		350	3.7	9.1	<0.002	0.10	1.49	42.2	1	0.6	240	0.19	<0.05	0.25	0.622	0.11
558102		310	3.1	5.4	<0.002	0.09	1.25	40.9	1	0.6	236	0.17	<0.05	0.22	0.595	0.06
558103		320	3.9	20.8	<0.002	0.10	0.57	40.8	1	0.5	174.0	0.17	<0.05	0.22	0.605	0.14
558104		350	4.6	29.5	0.002	0.12	0.23	42.5	1	0.6	154.0	0.18	<0.05	0.24	0.639	0.18
558105		220	6.1	86.4	<0.002	0.11	0.17	16.1	1	1.5	69.9	0.59	<0.05	10.30	0.376	0.39
558106		190	10.4	148.5	<0.002	0.54	0.19	11.4	1	1.7	31.9	0.68	0.07	15.30	0.349	0.60
558107		200	16.1	167.5	0.003	0.69	0.30	12.2	2	1.8	39.3	0.71	0.10	16.50	0.348	0.57
558108		210	10.2	170.0	0.003	0.74	0.35	12.4	2	1.9	46.6	0.71	0.05	16.50	0.353	0.62
558109		1870	5.0	30.6	<0.002	0.03	0.33	22.1	<1	1.3	481	1.65	0.06	3.01	1.085	0.07
558110		470	148.0	173.5	0.002	0.61	0.27	12.2	2	1.9	73.1	0.69	0.34	15.35	0.335	0.66
558111		190	11.7	159.5	<0.002	0.34	0.21	10.8	1	1.6	58.7	0.60	<0.05	13.75	0.294	0.56
558112		210	13.2	181.5	0.002	0.17	0.22	11.3	<1	1.7	57.2	0.64	<0.05	14.90	0.336	0.64
558113		210	18.4	191.0	<0.002	0.24	0.25	12.5	1	1.8	57.2	0.70	<0.05	16.30	0.357	0.65
558114		190	17.3	166.5	0.002	0.32	0.22	10.7	<1	1.6	70.5	0.59	0.05	12.70	0.309	0.60
558115		190	12.9	176.0	0.002	0.28	0.22	11.2	1	1.7	53.3	0.60	0.06	13.10	0.306	0.67
558116		50	0.6	1.0	<0.002	<0.01	0.08	0.3	1	<0.2	87.4	<0.05	<0.05	0.12	0.008	<0.02
558117		880	16.4	158.5	0.002	0.36	0.21	9.8	1	1.5	84.3	0.53	0.08	12.05	0.279	0.68
558118		350	14.2	166.5	0.002	0.51	0.23	10.9	1	1.6	64.3	0.58	0.05	12.45	0.299	0.74
558119		290	6.3	171.0	0.003	0.57	0.22	11.3	1	1.7	50.9	0.64	0.06	15.10	0.321	0.62
558120		180	4.4	162.0	0.002	0.38	0.15	11.4	<1	1.8	43.6	0.62	0.05	14.45	0.322	0.63

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CERTIFICAT D'ANALYSE VO18223970

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558101		0.1	311	0.3	21.8	94	20.7	70.9	96.1
558102		0.1	307	0.3	20.7	94	19.5		92.4
558103		0.1	317	0.4	20.0	94	20.2		
558104		0.1	332	0.4	20.8	101	28.6		
558105		1.2	127	1.2	9.9	99	82.6		
558106		2.2	75	1.3	7.3	93	91.7		
558107		2.7	97	1.3	7.6	83	95.5		
558108		2.8	108	1.2	7.3	77	95.7		
558109		0.6	148	3.2	20.6	101	139.0		
558110		2.6	105	1.2	8.2	72	88.1		
558111		2.1	79	1.1	6.3	64	78.9		
558112		2.0	80	1.3	7.0	74	79.7		
558113		2.4	98	1.5	7.5	72	90.8		
558114		2.2	84	1.2	6.8	70	73.4		
558115		2.6	82	1.2	7.6	68	79.5		
558116		0.1	1	0.1	2.2	3	1.6		
558117		2.5	74	0.9	8.7	84	69.0		
558118		1.9	82	1.0	7.7	80	73.4		
558119		2.5	88	1.2	7.5	76	88.7		
558120		2.1	79	1.2	7.5	79	79.5		

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CERTIFICAT D'ANALYSE VO18223970

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18223978

Projet: Kan

Bon de commande #: KANDH18-107

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

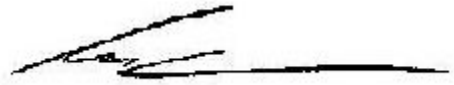
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18223978

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558121		4.22	0.002	0.11	8.15	1.6	580	1.64	0.17	1.24	0.11	65.8	11.8	75	4.42	41.0
558122		4.21	<0.001	0.09	8.44	11.2	620	1.80	0.10	1.24	0.11	71.7	17.9	83	3.65	80.1
558123		4.16	<0.001	0.06	8.88	5.2	580	2.02	0.17	0.21	<0.02	87.2	15.0	71	3.05	36.4
558124		4.55	<0.001	0.07	8.01	16.7	490	1.92	0.12	2.62	0.08	53.3	27.9	98	2.46	93.7
558125		4.44	<0.001	0.10	7.23	17.7	310	1.20	0.09	3.82	0.20	39.2	31.6	107	1.58	77.0
558126		4.33	0.002	0.17	8.20	10.7	260	1.30	0.07	2.54	0.27	32.0	39.1	140	1.75	152.5
558127		2.45	0.001	0.10	6.37	20.2	320	1.47	0.13	3.57	0.21	30.9	28.6	109	2.06	50.1
558128		4.22	<0.001	0.05	8.01	9.6	570	1.92	0.04	0.62	0.07	68.5	17.6	82	2.98	60.9
558129		0.06	7.92	1.32	6.04	33.1	310	0.84	0.48	2.82	0.08	31.0	39.5	314	0.66	108.5
558130		4.52	<0.001	0.01	8.50	5.4	600	1.91	0.01	0.47	0.02	95.1	14.0	75	2.60	14.2
558131		2.59	<0.001	0.01	9.69	5.1	810	2.18	<0.01	0.38	<0.02	95.5	13.5	81	2.81	1.8
558132		3.87	0.001	0.03	6.55	7.5	50	0.53	0.01	4.78	0.08	27.5	35.5	68	3.09	67.4
558133		4.27	<0.001	0.05	6.16	6.3	50	0.60	<0.01	4.68	0.10	18.55	44.9	21	3.29	93.1
558134		4.59	<0.001	0.05	6.52	5.1	<10	0.53	0.01	5.30	0.08	14.75	42.5	63	0.27	94.6
558135		4.43	<0.001	0.05	6.31	1.1	10	0.48	0.01	5.26	0.06	18.75	39.9	32	0.34	83.9
558136		0.26	<0.001	0.01	0.12	<0.2	10	0.08	0.01	31.2	<0.02	1.01	0.8	2	<0.05	1.5
558137		4.63	<0.001	0.04	6.42	2.8	10	0.52	0.01	5.68	0.10	12.65	44.4	41	0.26	115.0
558138		4.60	0.002	0.06	6.24	2.0	10	0.44	0.01	5.96	0.10	12.75	45.0	31	0.45	175.5
558139		4.98	<0.001	0.04	6.50	1.1	10	0.43	0.01	5.92	0.07	12.40	43.7	53	0.26	102.5
558140		5.02	0.004	0.02	6.76	1.8	30	0.42	0.01	5.83	0.06	10.50	40.7	118	0.84	86.7

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CERTIFICAT D'ANALYSE VO18223978

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558121		6.38	19.35	0.09	3.3	0.016	0.046	3.47	34.1	33.6	1.59	911	1.43	0.38	7.6	34.3
558122		4.89	20.9	0.13	3.0	0.012	0.051	3.90	35.4	32.9	1.66	604	0.50	0.37	8.4	47.0
558123		4.41	22.6	0.13	3.2	0.007	0.052	4.15	43.2	30.7	1.35	443	0.40	0.36	10.5	33.3
558124		5.86	20.3	0.11	2.7	0.007	0.056	3.29	25.8	34.4	2.06	1080	0.39	0.38	7.6	54.8
558125		6.68	17.60	0.08	2.2	0.017	0.055	1.83	19.2	33.2	2.80	1200	0.28	0.91	5.5	76.0
558126		9.52	19.25	0.08	2.5	0.033	0.100	1.48	15.0	41.9	3.93	1540	0.23	1.03	5.4	113.0
558127		6.92	17.40	0.07	2.7	0.025	0.061	1.84	14.5	39.7	3.32	2220	0.25	0.49	5.5	75.8
558128		5.14	19.75	0.11	3.1	0.015	0.046	3.29	34.4	31.2	1.89	744	0.80	0.54	7.6	45.6
558129		5.40	14.65	0.07	2.4	0.170	0.046	1.03	14.9	14.6	3.89	733	5.82	1.17	16.4	243
558130		4.33	22.3	0.13	3.1	0.013	0.033	3.60	48.4	30.7	1.44	504	0.77	0.64	10.6	33.2
558131		4.37	25.4	0.14	3.2	0.008	0.018	3.88	46.5	34.0	1.61	451	0.87	1.32	11.8	35.1
558132		9.72	19.05	0.08	1.9	0.005	0.119	0.49	11.6	28.5	3.02	1490	0.45	1.43	6.6	33.0
558133		11.10	19.35	0.05	1.6	0.017	0.115	0.46	6.5	24.9	3.46	1640	0.37	0.85	5.9	37.6
558134		10.15	17.30	0.05	1.0	0.014	0.090	0.05	5.3	14.3	3.98	1660	0.35	1.88	4.6	49.6
558135		10.40	18.55	0.05	1.4	0.012	0.104	0.06	6.6	14.8	3.48	1720	0.36	1.45	6.0	38.1
558136		0.22	0.38	0.09	<0.1	<0.005	0.006	0.01	1.1	1.3	1.33	100	<0.05	0.03	0.2	1.1
558137		10.20	18.45	<0.05	1.0	0.007	0.097	0.05	4.5	14.6	3.69	1650	0.35	1.51	4.2	53.4
558138		9.96	17.05	0.05	1.2	0.013	0.086	0.08	4.6	12.3	3.46	1580	0.38	1.54	4.4	46.9
558139		9.60	17.90	0.06	1.2	0.009	0.095	0.06	4.4	11.5	3.66	1540	0.26	1.82	4.3	59.9
558140		8.75	16.90	0.05	1.2	0.006	0.085	0.16	3.8	12.6	3.69	1490	0.24	2.16	3.8	70.4

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Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558121		1030	19.3	132.0	0.004	0.72	0.21	10.3	1	1.4	91.6	0.57	0.09	12.75	0.293	0.56
558122		330	14.5	126.0	<0.002	0.16	0.11	15.8	1	1.4	78.5	0.62	0.11	11.00	0.380	0.60
558123		350	15.7	137.5	<0.002	0.12	0.10	11.8	<1	1.6	24.1	0.74	0.16	13.65	0.357	0.60
558124		340	12.3	80.0	<0.002	0.13	0.10	22.6	<1	1.2	85.4	0.57	0.08	7.62	0.447	0.48
558125		310	20.7	50.6	0.002	0.05	0.08	26.3	1	1.3	103.5	0.38	0.06	5.06	0.479	0.27
558126		350	22.9	43.5	0.002	0.16	0.13	33.8	1	3.1	66.1	0.38	0.08	4.88	0.543	0.25
558127		310	18.2	32.7	<0.002	0.01	0.09	20.8	1	2.2	77.5	0.41	0.11	4.12	0.419	0.33
558128		350	5.8	105.0	0.002	0.11	0.09	13.5	1	1.5	23.4	0.57	<0.05	10.55	0.342	0.49
558129		1060	9.4	36.3	<0.002	0.08	0.75	19.9	<1	0.9	275	0.92	0.25	2.21	0.642	0.19
558130		340	3.3	119.0	<0.002	0.02	0.11	11.7	<1	1.5	23.9	0.76	<0.05	13.40	0.351	0.45
558131		380	3.8	114.5	<0.002	<0.01	0.10	13.4	<1	1.1	32.7	0.86	<0.05	14.85	0.387	0.48
558132		680	2.1	29.7	0.002	0.05	0.10	37.9	<1	1.2	73.1	0.42	<0.05	2.06	0.902	0.19
558133		650	1.6	28.7	0.002	0.04	0.15	45.1	<1	1.2	92.0	0.37	<0.05	0.68	1.080	0.19
558134		560	2.2	1.6	0.004	0.03	0.23	43.5	1	0.8	133.0	0.29	<0.05	0.54	0.915	<0.02
558135		700	2.1	2.3	0.003	0.11	0.24	42.2	1	0.9	113.5	0.38	<0.05	0.60	0.963	0.02
558136		50	1.1	0.3	<0.002	<0.01	0.05	0.6	<1	<0.2	76.6	<0.05	<0.05	0.07	0.013	<0.02
558137		500	2.5	1.5	0.002	0.07	0.28	45.7	1	0.8	148.5	0.27	<0.05	0.42	0.929	<0.02
558138		540	2.3	3.0	0.003	0.21	0.24	43.0	1	0.8	133.5	0.29	<0.05	0.40	0.954	0.02
558139		520	2.0	1.7	0.003	0.09	0.23	45.2	1	0.7	116.0	0.28	<0.05	0.36	0.871	<0.02
558140		470	1.9	6.5	0.002	0.06	0.21	43.8	1	0.7	111.0	0.25	<0.05	0.31	0.796	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223978

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558121		3.0	89	0.9	9.5	98	120.0	72.5	96.3
558122		1.9	114	0.9	10.1	89	106.5		
558123		2.3	68	1.0	11.5	74	119.0		
558124		1.5	163	0.9	8.4	83	91.7		
558125		1.2	207	0.6	11.0	111	75.8		
558126		0.9	264	0.5	18.0	143	92.2		
558127		0.9	182	0.6	14.6	148	94.4		
558128		1.8	100	0.9	14.3	103	110.5		
558129		0.5	141	8.6	14.6	81	95.7		
558130		2.3	68	1.0	16.3	50	110.0		
558131		2.6	76	1.4	19.3	39	112.5		
558132		0.4	314	0.3	34.6	101	76.9		
558133		0.2	493	0.4	34.0	112	45.2		
558134		0.2	435	0.3	28.2	103	33.5		
558135		0.2	405	0.3	35.0	102	49.7		
558136		0.1	5	<0.1	2.2	5	1.9		
558137		0.1	491	0.3	27.7	102	25.9		
558138		0.1	478	0.3	27.2	99	27.0		
558139		0.1	424	0.3	27.7	93	37.8		
558140		0.1	390	0.3	24.3	84	36.6		

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 24-SEPT-2018
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CERTIFICAT D'ANALYSE VO18223978

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 25-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18223983

Projet: Kan

Bon de commande #: KANDH18-109

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

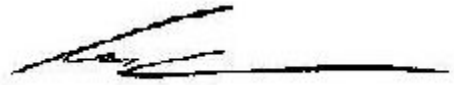
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18223983

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558161		4.74	<0.001	0.03	6.40	6.5	50	0.23	0.02	6.14	0.09	4.55	83.8	282	0.28	58.9
558162		4.82	<0.001	0.03	6.00	0.4	50	0.22	0.02	5.47	0.07	4.27	79.1	193	0.32	45.7
558163		4.90	<0.001	0.03	6.47	0.3	70	0.19	0.05	5.94	0.08	3.87	65.9	204	0.30	68.3
558164		4.79	<0.001	0.05	5.84	<0.2	30	0.17	0.04	5.62	0.11	3.87	77.5	239	0.22	145.0
558165		4.54	<0.001	0.03	6.28	0.2	50	0.22	0.05	5.97	0.08	4.41	76.3	221	0.28	71.2
558166		4.74	<0.001	0.03	6.43	0.3	50	0.19	0.05	5.90	0.08	4.23	74.5	207	0.25	66.4
558167		4.61	<0.001	0.04	6.23	<0.2	30	0.17	0.04	5.57	0.12	3.97	71.5	195	0.26	122.5
558168		4.67	<0.001	0.04	6.04	<0.2	20	0.18	0.04	5.56	0.10	4.10	78.5	223	0.24	89.0
558169		0.07	2.54	0.42	6.75	11.4	320	1.10	0.17	4.64	0.07	41.3	50.0	330	0.62	77.9
558170		4.64	<0.001	0.04	6.09	1.2	30	0.21	0.04	5.68	0.11	4.22	76.4	227	0.25	87.3
558171		4.69	<0.001	0.04	5.97	0.8	20	0.19	0.04	5.74	0.08	3.93	79.0	287	0.23	73.8
558172		4.69	<0.001	0.02	5.27	0.6	30	0.23	0.03	5.36	0.09	5.02	88.4	242	0.27	51.2
558173		4.76	0.001	0.01	5.95	0.5	30	0.25	0.03	5.67	0.04	4.43	83.7	249	0.26	12.5
558174		4.65	<0.001	0.03	6.25	0.4	20	0.25	0.03	5.75	0.07	4.70	82.5	317	0.25	56.2
558175		4.73	<0.001	0.02	5.91	0.3	30	0.17	0.03	5.55	0.06	4.33	82.1	276	0.26	39.2
558176		0.23	<0.001	<0.01	0.17	<0.2	20	0.05	0.02	31.7	<0.02	0.95	2.0	8	<0.05	3.6
558177		4.55	<0.001	0.04	5.81	0.4	20	0.17	0.04	5.59	0.13	4.16	78.6	234	0.24	115.0
558178		4.68	<0.001	0.03	5.89	0.4	40	0.17	0.03	5.71	0.10	4.43	80.0	242	0.29	55.0
558179		4.72	<0.001	0.03	5.91	0.4	80	0.22	0.03	5.84	0.08	4.73	77.4	262	0.39	58.7
558180		4.75	<0.001	0.03	5.84	0.6	40	0.20	0.02	5.52	0.11	3.99	81.6	259	0.24	70.0

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Finalisée date: 25-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223983

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558161		8.54	13.10	0.06	0.5	0.012	0.043	0.19	1.6	30.2	8.38	1470	0.17	0.67	1.7	526
558162		8.20	11.90	0.06	0.4	0.011	0.040	0.19	1.5	29.8	8.43	1410	0.11	0.70	1.7	490
558163		7.49	12.40	0.08	0.4	0.010	0.042	0.26	1.4	27.2	6.86	1190	0.14	1.02	1.6	414
558164		8.23	11.35	0.08	0.4	0.009	0.038	0.13	1.3	30.5	7.78	1340	0.17	0.77	1.5	485
558165		8.18	12.50	0.09	0.5	0.015	0.067	0.19	1.5	31.8	8.21	1320	0.17	0.69	1.7	494
558166		7.95	12.95	0.08	0.4	0.009	0.041	0.18	1.5	30.3	7.42	1270	0.31	0.91	1.6	453
558167		7.83	11.95	0.07	0.4	0.010	0.038	0.14	1.4	30.7	7.34	1260	0.16	1.04	1.5	433
558168		8.43	11.85	0.07	0.4	0.010	0.044	0.10	1.4	32.5	8.19	1370	0.13	0.85	1.6	496
558169		7.33	16.95	0.14	3.1	0.048	0.058	0.97	20.7	9.7	5.44	1010	3.00	1.95	27.8	345
558170		8.03	12.35	0.07	0.4	0.011	0.040	0.11	1.5	32.0	7.98	1340	0.15	0.80	1.6	478
558171		8.37	12.85	0.07	0.4	0.014	0.042	0.10	1.4	33.2	7.96	1360	0.12	0.68	1.6	503
558172		8.70	10.35	0.07	0.6	0.012	0.036	0.11	1.7	33.8	9.51	1410	0.15	0.38	1.8	616
558173		8.94	12.60	0.07	0.5	0.007	0.050	0.10	1.5	36.1	9.15	1440	0.09	0.50	1.7	565
558174		8.80	12.90	0.08	0.5	0.009	0.048	0.10	1.6	34.4	8.50	1420	0.12	0.75	1.9	521
558175		8.72	11.70	0.07	0.6	0.008	0.041	0.11	1.5	34.7	8.80	1410	0.10	0.66	1.7	550
558176		0.25	0.39	<0.05	<0.1	<0.005	0.005	0.01	1.1	2.1	1.75	105	0.05	0.03	0.2	9.0
558177		8.12	11.50	0.06	0.4	0.019	0.044	0.09	1.4	32.5	8.07	1340	0.17	0.82	1.6	505
558178		8.30	11.55	0.06	0.4	0.019	0.038	0.15	1.5	34.3	8.43	1360	0.14	0.78	1.7	507
558179		8.09	12.65	0.08	0.6	0.012	0.048	0.29	1.5	32.8	8.25	1350	0.07	0.68	2.1	503
558180		8.28	12.15	0.07	0.5	0.010	0.044	0.15	1.4	34.0	8.26	1360	0.22	0.71	1.6	524

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CERTIFICAT D'ANALYSE VO18223983

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558161		220	2.3	5.3	<0.002	0.02	0.25	12.5	<1	0.4	102.0	0.11	<0.05	0.10	0.350	0.03
558162		210	1.9	5.4	<0.002	0.02	0.21	13.2	<1	0.3	70.1	0.11	<0.05	0.12	0.322	0.02
558163		220	3.2	6.4	<0.002	0.05	0.23	10.8	<1	0.4	128.5	0.12	<0.05	0.10	0.331	0.04
558164		190	2.4	3.4	<0.002	0.07	0.20	10.2	1	0.4	95.0	0.10	<0.05	0.09	0.323	0.02
558165		180	2.5	5.0	<0.002	0.04	0.22	13.9	1	0.4	98.5	0.11	<0.05	0.12	0.332	0.02
558166		210	3.1	4.4	0.002	0.06	0.23	12.0	1	0.4	122.0	0.10	<0.05	0.10	0.325	0.02
558167		210	2.5	3.8	<0.002	0.05	0.19	11.1	1	0.4	103.5	0.10	<0.05	0.09	0.303	0.02
558168		200	2.3	2.8	<0.002	0.06	0.18	12.7	1	0.4	90.7	0.10	<0.05	0.09	0.321	0.02
558169		1850	4.7	28.4	<0.002	0.03	0.30	19.8	<1	1.2	477	1.53	0.08	2.62	1.040	0.06
558170		200	2.4	3.0	<0.002	0.03	0.20	12.5	1	0.4	103.0	0.11	<0.05	0.11	0.320	0.02
558171		200	2.6	2.7	<0.002	0.06	0.22	10.6	1	0.4	114.5	0.11	<0.05	0.08	0.319	0.02
558172		240	1.2	3.2	<0.002	0.06	0.14	15.1	1	0.4	49.9	0.12	<0.05	0.15	0.315	0.02
558173		220	1.7	2.7	<0.002	0.03	0.16	12.8	<1	0.4	78.2	0.12	<0.05	0.09	0.334	<0.02
558174		220	2.4	2.7	<0.002	0.08	0.19	12.7	1	0.4	98.7	0.12	<0.05	0.11	0.385	<0.02
558175		200	1.9	3.2	0.002	0.05	0.18	12.6	1	0.4	83.5	0.11	<0.05	0.10	0.338	0.02
558176		80	<0.5	0.3	<0.002	<0.01	<0.05	0.6	1	<0.2	85.8	<0.05	<0.05	0.07	0.010	<0.02
558177		250	2.3	2.2	0.002	0.04	0.18	10.1	1	0.4	95.1	0.11	<0.05	0.10	0.293	<0.02
558178		230	2.0	4.6	<0.002	0.03	0.19	11.0	<1	0.4	87.7	0.11	<0.05	0.10	0.309	0.03
558179		230	2.3	7.9	<0.002	0.03	0.15	11.2	1	0.4	97.3	0.15	<0.05	0.12	0.361	0.04
558180		190	2.3	4.2	0.002	0.05	0.17	11.5	1	0.4	93.0	0.11	<0.05	0.08	0.325	0.02

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CERTIFICAT D'ANALYSE VO18223983

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558161		<0.1	175	0.1	9.9	95	15.7	85.5	93.2
558162		<0.1	160	0.1	10.1	91	13.3		90.3
558163		<0.1	168	0.1	8.5	80	12.2		
558164		<0.1	169	0.1	8.2	94	14.0	78.6	
558165		<0.1	167	0.1	9.9	92	14.7		
558166		<0.1	167	0.1	9.1	91	12.3		
558167		<0.1	164	<0.1	8.5	91	11.3		
558168		<0.1	171	0.1	9.2	96	10.3		
558169		0.6	148	3.0	19.8	103	133.5		
558170		<0.1	171	0.1	9.3	94	13.0		
558171		<0.1	167	0.1	8.5	95	12.7		
558172		<0.1	157	0.1	10.5	97	21.4		
558173		<0.1	174	0.1	10.3	97	13.1		
558174		<0.1	191	0.1	10.3	96	15.1		
558175		<0.1	175	<0.1	9.5	98	18.6		
558176		0.2	4	0.1	2.0	4	1.5		
558177		<0.1	156	<0.1	9.0	95	14.2		
558178		<0.1	161	<0.1	9.0	97	13.6		
558179		<0.1	171	<0.1	11.2	96	18.4		
558180		<0.1	168	<0.1	8.6	103	11.8		

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COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18223985

Projet: Kan

Bon de commande #: KANDH18-112

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

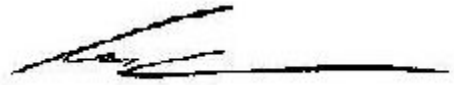
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223985

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558221		4.41	<0.001	0.01	8.26	4.7	660	1.37	0.01	0.74	0.03	85.6	12.6	67	4.30	6.0
558222		4.45	0.003	0.02	8.54	7.4	650	1.92	0.04	0.30	0.02	77.8	13.2	67	3.73	21.6
558223		4.31	<0.001	0.06	7.49	30.5	460	1.15	0.07	1.95	0.15	50.3	27.4	95	2.40	47.6
558224		4.59	<0.001	0.04	7.76	14.2	520	1.63	0.11	0.75	0.05	53.7	19.4	95	3.17	53.2
558225		4.44	<0.001	0.03	8.63	0.7	420	1.99	0.15	0.11	<0.02	68.4	10.6	82	4.51	32.7
558226		4.48	0.009	0.08	8.99	4.6	410	1.92	0.12	0.10	0.31	72.7	9.6	85	5.26	43.0
558227		2.24	0.004	0.31	8.09	10.1	330	2.04	0.12	0.71	1.89	60.1	8.2	80	5.08	108.5
558228		2.46	0.040	1.36	2.26	273	90	0.70	0.25	4.35	8.10	47.1	9.1	42	2.11	224
558229		0.06	2.52	0.42	6.62	10.8	310	0.98	0.16	4.55	0.07	39.3	48.2	313	0.63	79.9
558230		4.52	0.039	1.04	5.19	82.3	130	1.34	0.30	1.57	7.45	48.3	26.8	67	3.54	201
558231		4.51	0.021	0.44	8.24	61.9	230	1.52	0.26	0.74	2.70	56.8	27.9	100	3.79	81.0
558232		5.45	0.022	1.40	4.87	34.8	160	1.39	0.79	0.73	9.78	52.9	33.5	64	2.48	217
558233		2.51	0.007	0.80	3.43	1.8	140	1.29	0.28	0.97	3.89	35.3	24.9	58	1.65	309
558234		3.94	0.003	0.24	7.30	60.3	380	2.52	0.14	1.20	0.38	54.7	26.5	115	24.1	39.1
558235		4.00	0.023	1.14	8.18	80.4	250	1.35	0.30	1.15	2.77	53.2	28.4	96	5.40	93.8
558236		0.22	0.003	0.01	0.22	5.9	20	0.18	0.01	30.9	0.03	1.27	0.6	2	0.07	0.9
558237		4.80	0.036	1.26	7.27	83.1	210	1.06	0.22	1.08	2.64	48.0	21.7	101	4.88	137.5
558238		4.91	0.024	0.90	7.87	67.6	220	1.09	0.18	1.28	2.66	65.5	18.7	82	5.15	115.5
558239		4.85	0.029	1.21	8.62	88.1	230	1.21	0.24	0.93	3.00	62.0	22.6	90	5.32	105.0
558240		4.70	0.024	1.02	7.87	71.0	210	1.43	0.19	1.05	3.31	56.2	20.9	86	4.96	177.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223985

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558221		4.03	21.2	0.13	3.4	<0.005	0.027	4.09	45.2	50.4	1.56	454	0.26	0.07	10.0	31.5
558222		4.04	21.8	0.12	3.1	<0.005	0.042	4.22	39.6	47.2	1.54	296	0.31	0.05	9.5	33.6
558223		5.86	18.15	0.10	2.7	0.006	0.052	2.86	26.3	47.7	2.69	655	0.31	0.05	5.7	56.3
558224		5.57	19.90	0.11	2.7	<0.005	0.052	3.33	27.5	42.2	1.75	505	0.55	0.06	6.0	41.4
558225		4.49	23.0	0.11	2.4	0.011	0.052	4.11	35.7	37.4	1.06	182	1.24	0.09	7.7	31.5
558226		4.53	24.0	0.11	2.6	0.035	0.050	4.53	38.9	34.7	0.97	180	3.61	0.22	7.1	40.7
558227		7.59	20.9	0.12	2.8	0.134	0.061	4.20	32.8	35.6	0.93	535	15.60	0.10	5.2	94.1
558228		15.95	6.33	0.12	1.1	0.569	0.091	1.14	29.9	10.1	1.87	3920	108.0	0.05	3.5	233
558229		7.11	16.60	0.09	3.2	0.048	0.057	0.93	19.9	8.3	5.30	1020	2.85	1.88	26.5	340
558230		14.50	12.80	0.11	2.1	0.687	0.091	2.67	29.7	19.7	0.94	1300	71.6	0.05	5.5	192.0
558231		9.90	20.4	0.10	5.2	0.398	0.113	4.09	31.1	24.1	0.76	362	12.45	0.42	17.1	119.5
558232		21.8	14.90	0.11	2.7	1.010	0.253	2.45	29.5	22.5	0.89	599	16.30	0.05	7.0	132.5
558233		24.9	10.75	0.10	1.6	0.377	0.125	1.62	19.9	19.2	1.08	1060	12.30	0.03	2.4	132.5
558234		8.89	19.40	0.10	2.3	0.010	0.059	4.44	27.8	50.3	1.66	505	2.89	0.02	15.4	65.9
558235		11.60	21.3	0.12	4.1	0.263	0.109	3.90	29.0	25.3	0.86	324	15.55	0.15	9.5	123.5
558236		0.18	0.71	0.11	0.1	<0.005	0.006	0.05	1.3	1.3	1.24	91	0.17	0.09	0.4	0.7
558237		13.35	19.35	0.11	4.0	0.291	0.104	3.40	24.8	22.4	0.80	310	13.30	0.16	9.7	155.0
558238		10.65	20.6	0.11	4.7	0.271	0.103	3.48	36.6	18.4	0.81	276	12.95	0.28	12.4	124.0
558239		10.75	22.4	0.12	4.0	0.366	0.099	3.54	36.0	19.5	0.78	316	15.25	0.68	10.5	121.0
558240		11.55	19.95	0.10	3.3	0.316	0.077	3.25	32.9	21.0	0.83	481	15.15	0.53	8.0	136.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223985

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558221		350	3.3	111.5	<0.002	<0.01	0.62	11.1	1	1.5	22.4	0.74	<0.05	13.75	0.338	0.77
558222		350	2.7	110.0	<0.002	0.03	0.60	11.7	<1	1.4	15.1	0.70	0.05	12.35	0.340	0.89
558223		380	4.4	78.4	0.002	0.04	0.40	22.9	<1	1.0	48.7	0.42	0.08	8.16	0.369	0.73
558224		320	3.9	91.6	0.002	0.51	0.68	16.2	1	1.3	41.9	0.42	0.07	9.41	0.349	1.18
558225		330	4.3	136.0	0.002	0.52	1.30	10.6	1	1.6	24.0	0.62	0.05	12.50	0.289	1.92
558226		320	8.3	145.5	0.004	1.35	2.61	11.0	2	1.6	24.2	0.48	0.07	13.70	0.245	2.61
558227		560	26.3	120.0	0.012	4.67	8.57	10.7	5	1.7	40.9	0.28	0.07	9.94	0.171	3.10
558228		3450	115.0	36.0	0.064	9.45	33.9	4.9	13	0.8	143.0	0.19	0.27	2.67	0.071	1.28
558229		1810	4.8	28.9	<0.002	0.04	0.36	19.7	1	1.2	462	1.55	0.09	2.48	1.015	0.05
558230		1310	81.9	69.4	0.057	>10.0	26.8	9.5	11	1.4	53.4	0.32	0.48	3.84	0.161	2.75
558231		340	35.5	86.1	0.018	8.25	14.10	18.2	5	2.8	35.3	1.07	0.61	5.06	0.354	3.73
558232		180	280	65.7	0.019	>10.0	13.80	8.5	7	5.6	32.3	0.45	1.42	4.50	0.122	2.57
558233		290	30.4	46.9	0.016	>10.0	5.63	6.9	7	3.8	39.2	0.12	1.17	3.01	0.075	1.60
558234		320	12.1	192.0	0.007	1.93	2.81	18.5	2	1.3	55.6	0.98	0.07	7.12	0.420	1.86
558235		300	37.5	92.6	0.025	9.38	11.50	16.8	4	2.1	44.1	0.59	0.52	4.57	0.255	5.49
558236		40	0.7	1.7	<0.002	0.04	0.11	0.3	1	0.2	76.9	<0.05	<0.05	0.10	0.007	0.04
558237		300	45.5	73.7	0.019	>10.0	12.75	14.7	5	1.9	44.3	0.65	0.47	4.08	0.236	5.46
558238		280	27.9	86.4	0.015	8.60	9.36	13.9	4	2.1	48.4	0.80	0.37	5.58	0.238	5.59
558239		230	34.0	90.9	0.022	9.19	12.20	16.0	4	2.0	56.6	0.69	0.54	5.22	0.275	6.42
558240		230	31.9	86.6	0.022	9.07	9.58	16.4	6	1.7	59.0	0.49	0.39	4.46	0.248	5.92

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223985

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558221		2.2	66	1.0	10.6	22	118.0	74.3	98.0
558222		2.2	75	1.1	7.9	44	108.0		98.8
558223		1.8	175	0.7	6.5	67	99.6		
558224		1.8	134	0.8	6.1	90	98.1		
558225		2.1	90	1.1	5.8	75	79.5		
558226		3.2	94	1.0	6.2	118	90.7		
558227		8.0	174	1.7	8.5	362	97.4		
558228		41.9	792	2.2	24.2	1440	47.8		
558229		0.6	145	3.0	19.1	103	130.5		
558230		31.4	658	2.5	17.7	1410	79.9		
558231		12.8	200	1.4	14.6	614	196.0		
558232		8.5	140	0.8	6.9	2040	100.0		
558233		4.9	95	0.8	4.9	830	60.9		
558234		4.7	270	2.4	7.2	129	85.4		
558235		14.6	231	2.0	10.9	661	146.0		
558236		0.2	2	0.1	2.5	9	2.5		
558237		14.4	182	1.5	10.7	646	147.5		
558238		11.4	190	1.9	12.8	691	169.5		
558239		14.3	228	1.7	11.3	727	141.0		
558240		12.7	207	2.7	10.5	686	120.0		

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223985

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18223988

Projet: Kan

Bon de commande #: KANDH18-111

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

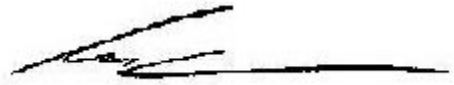
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18223988

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558201		4.78	0.002	0.06	8.18	0.3	10	0.30	0.01	7.20	0.23	7.39	51.7	309	0.34	292
558202		4.90	<0.001	0.04	8.32	0.2	10	0.32	0.01	7.67	0.08	6.09	43.0	320	0.26	113.0
558203		4.70	<0.001	0.04	6.77	0.6	90	0.44	<0.01	5.65	0.10	15.30	47.5	73	5.99	127.0
558204		4.72	<0.001	0.04	6.66	<0.2	10	0.44	<0.01	6.96	0.17	12.90	47.0	70	0.63	146.0
558205		4.83	<0.001	0.06	6.76	0.2	<10	0.28	<0.01	6.98	0.16	8.36	50.1	122	0.23	171.5
558206		4.70	<0.001	0.04	7.16	<0.2	10	0.32	<0.01	7.40	0.11	7.77	52.0	125	0.26	106.5
558207		4.88	<0.001	0.05	7.55	0.3	10	0.30	<0.01	7.04	0.14	7.95	54.7	125	0.41	160.5
558208		4.93	<0.001	0.04	7.73	0.5	20	0.37	<0.01	7.42	0.13	7.47	53.1	121	0.48	132.5
558209		0.06	0.674	0.21	7.26	20.1	320	1.31	0.13	4.20	0.19	51.1	43.5	181	1.90	57.0
558210		4.64	<0.001	0.04	6.82	2.2	20	0.39	<0.01	7.24	0.12	10.70	45.7	135	0.68	149.0
558211		4.72	0.001	0.04	6.94	0.6	20	0.46	<0.01	7.54	0.13	9.61	48.3	129	1.09	146.5
558212		4.91	<0.001	0.03	7.19	2.0	30	0.51	0.01	6.94	0.07	8.66	33.8	182	1.15	42.5
558213		4.83	<0.001	0.06	6.64	1.1	40	0.41	0.01	5.26	0.16	10.10	42.7	174	2.49	169.5
558214		4.70	<0.001	0.04	6.63	4.3	40	0.45	0.01	4.84	0.14	10.35	42.7	145	2.69	164.0
558215		4.52	<0.001	<0.01	6.68	3.0	40	0.52	0.01	3.70	0.09	13.65	47.5	97	3.28	94.0
558216		0.26	<0.001	0.01	0.27	1.2	140	0.06	0.03	17.10	0.10	2.02	2.3	3	0.36	3.2
558217		4.53	<0.001	0.05	5.89	1.6	90	0.43	0.01	4.22	0.08	12.45	41.6	42	8.09	113.5
558218		4.65	<0.001	0.03	7.84	4.2	650	1.39	0.01	1.82	0.06	58.5	23.7	83	5.58	68.2
558219		4.21	<0.001	<0.01	8.47	1.5	950	1.51	0.01	0.36	<0.02	82.4	12.6	65	6.32	13.3
558220		4.67	<0.001	<0.01	8.87	5.9	800	1.54	<0.01	0.51	<0.02	85.5	14.6	68	5.76	1.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223988

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558201		7.85	17.70	0.05	0.8	0.008	0.071	0.06	2.6	19.0	5.05	1230	0.34	1.69	2.4	178.0
558202		7.31	16.90	0.05	0.7	0.007	0.060	0.06	2.2	14.1	4.63	1210	0.49	2.11	2.0	113.5
558203		10.55	18.60	0.06	1.3	0.005	0.106	0.67	5.4	19.5	3.52	1460	0.44	0.89	4.9	53.4
558204		10.15	17.55	0.05	1.2	0.007	0.097	0.09	4.7	16.8	3.37	1580	0.44	0.84	4.4	58.3
558205		9.00	15.35	<0.05	0.7	0.013	0.073	0.04	3.0	14.6	4.06	1500	0.26	1.46	2.8	125.0
558206		9.20	15.75	0.05	0.8	0.009	0.069	0.05	2.8	19.0	4.51	1580	0.21	1.48	2.7	146.0
558207		9.37	16.45	<0.05	0.6	0.009	0.071	0.08	2.9	21.9	4.68	1560	0.24	1.38	2.6	151.0
558208		8.85	15.80	<0.05	0.5	0.010	0.061	0.11	2.7	21.4	4.61	1500	0.19	1.57	2.5	153.0
558209		7.10	18.40	0.09	3.4	0.018	0.063	0.86	23.7	13.8	2.83	906	1.80	1.69	19.9	141.5
558210		8.68	15.45	0.05	0.8	0.008	0.079	0.13	3.8	21.9	3.79	1480	0.24	1.11	3.5	89.6
558211		9.50	16.90	0.06	0.7	0.013	0.080	0.18	3.4	19.4	3.81	1620	0.33	1.04	3.3	80.6
558212		7.93	16.55	0.06	1.0	<0.005	0.069	0.23	3.2	15.8	4.16	1360	0.52	2.09	3.1	78.1
558213		8.94	16.55	0.07	0.9	0.007	0.078	0.35	3.7	22.3	4.28	1360	0.45	2.05	3.6	68.5
558214		9.03	17.15	0.08	0.8	0.006	0.076	0.38	3.9	21.5	4.32	1320	0.35	2.17	3.6	68.7
558215		10.35	19.55	0.09	1.1	0.010	0.086	0.47	5.2	40.3	5.49	1460	0.34	1.44	4.5	63.2
558216		0.40	0.87	0.11	0.1	<0.005	0.005	0.04	1.1	20.3	12.40	345	0.07	0.08	0.3	2.0
558217		10.30	17.85	0.08	0.9	0.005	0.096	1.14	4.8	48.8	4.39	1420	0.33	0.16	4.5	42.9
558218		5.58	21.8	0.13	2.4	<0.005	0.050	2.70	31.1	41.8	2.20	729	0.27	1.54	8.8	40.6
558219		4.14	22.2	0.15	2.9	0.006	0.020	4.26	45.2	47.9	1.61	377	0.29	0.37	10.9	32.3
558220		4.03	23.0	0.14	3.1	<0.005	0.016	4.45	47.2	53.5	1.59	382	0.35	0.50	11.0	35.2

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Projet: Kan

CERTIFICAT D'ANALYSE VO18223988

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558201		300	2.3	1.7	0.002	0.03	0.29	39.2	1	0.6	156.5	0.16	<0.05	0.24	0.562	0.02
558202		260	2.3	1.3	<0.002	0.01	0.32	45.0	<1	0.5	163.5	0.13	<0.05	0.18	0.500	<0.02
558203		640	1.8	34.5	0.002	0.12	0.21	48.3	1	0.8	98.7	0.32	<0.05	0.45	0.961	0.19
558204		570	2.2	3.4	0.003	0.05	0.23	47.7	1	0.9	111.0	0.29	0.05	0.40	0.898	0.02
558205		370	2.1	1.0	0.002	0.09	0.27	42.7	1	0.6	98.4	0.18	0.05	0.21	0.621	<0.02
558206		370	2.3	1.2	<0.002	0.10	0.28	43.0	1	0.5	96.2	0.18	<0.05	0.20	0.637	<0.02
558207		360	2.0	2.4	0.002	0.10	0.31	44.3	1	0.6	112.0	0.17	<0.05	0.20	0.635	0.02
558208		320	1.7	3.5	0.002	0.09	0.29	41.9	1	0.5	115.5	0.16	<0.05	0.19	0.577	0.02
558209		1110	15.2	42.2	<0.002	0.02	0.95	19.8	1	1.6	344	1.10	0.05	4.99	0.900	0.18
558210		460	1.7	4.7	0.002	0.10	0.38	44.2	1	0.6	104.5	0.24	<0.05	0.30	0.612	0.03
558211		420	2.4	6.7	0.002	0.10	0.57	48.9	1	0.6	141.0	0.22	<0.05	0.25	0.740	0.05
558212		390	4.1	8.1	<0.002	0.03	0.75	42.9	1	0.7	167.5	0.20	0.05	0.25	0.696	0.06
558213		460	2.2	15.8	0.003	0.05	0.52	46.2	1	0.8	118.5	0.23	0.05	0.30	0.769	0.12
558214		470	1.9	17.3	0.003	0.08	0.60	45.4	1	0.7	113.0	0.23	<0.05	0.31	0.769	0.14
558215		530	1.5	23.0	0.002	0.01	0.68	48.4	1	0.9	47.8	0.29	<0.05	0.41	0.888	0.20
558216		30	2.7	1.6	<0.002	0.01	0.18	1.6	1	<0.2	157.0	<0.05	<0.05	0.13	0.030	0.05
558217		580	1.1	51.4	<0.002	0.09	0.36	41.2	1	0.9	43.2	0.29	0.05	0.43	0.957	0.42
558218		400	2.9	59.0	<0.002	0.06	0.41	21.2	1	0.9	43.3	0.63	<0.05	9.04	0.495	0.49
558219		390	3.4	105.0	<0.002	0.02	0.51	12.1	1	0.7	16.4	0.75	<0.05	14.00	0.364	0.62
558220		370	3.0	115.5	<0.002	<0.01	0.68	12.7	1	1.3	20.2	0.76	<0.05	14.65	0.376	0.71

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Projet: Kan

CERTIFICAT D'ANALYSE VO18223988

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558201		0.1	294	0.1	19.1	72	26.2	73.6	98.3
558202		0.1	276	0.1	16.4	63	18.1		98.4
558203		0.1	423	0.1	33.7	102	50.8		
558204		0.1	423	0.1	30.6	102	37.7		
558205		0.1	322	0.1	22.4	100	18.3		
558206		0.1	333	0.1	21.7	106	25.9		
558207		0.1	333	<0.1	21.7	104	20.3		
558208		0.1	304	0.1	20.7	94	12.8		
558209		1.1	143	1.8	20.8	126	144.0		
558210		0.1	309	0.1	28.2	96	16.5		
558211		0.1	373	0.1	26.7	97	20.5		
558212		0.1	348	0.1	22.4	63	34.8		
558213		0.1	375	0.1	24.9	77	29.7		
558214		0.1	379	0.1	25.1	83	21.6		
558215		0.1	429	0.2	29.9	102	34.0		
558216		0.2	15	0.3	2.0	28	1.6		
558217		0.1	459	0.2	28.4	100	31.5		
558218		1.7	163	0.5	19.6	49	89.3		
558219		2.4	70	0.7	14.0	21	107.0		
558220		2.3	71	0.8	12.0	20	114.0		

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CERTIFICAT D'ANALYSE VO18223988

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18223996

Projet: Kan

Bon de commande #: KANDH18-110

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

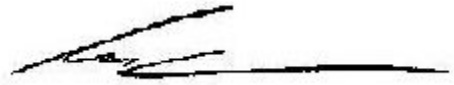
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18223996

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558181		4.76	<0.001	0.04	7.38	1.0	40	0.22	0.04	5.86	0.11	4.73	84.2	247	0.25	76.2
558182		4.69	<0.001	0.03	7.26	0.4	20	0.16	0.03	5.60	0.09	4.37	82.1	248	0.28	73.7
558183		4.71	<0.001	0.06	7.27	0.2	30	0.20	0.03	5.61	0.12	5.03	84.4	254	0.25	115.5
558184		4.75	<0.001	0.05	7.23	0.5	50	0.17	0.04	5.55	0.11	6.03	81.4	245	0.36	96.8
558185		4.90	<0.001	0.03	7.98	0.4	30	0.23	0.04	5.83	0.07	4.48	80.3	265	0.32	65.2
558186		4.55	<0.001	0.04	7.54	0.8	30	0.19	0.04	5.94	0.10	4.33	83.1	270	0.31	64.9
558187		4.77	<0.001	0.03	7.35	<0.2	40	0.22	0.04	6.01	0.11	4.81	80.1	261	0.26	72.9
558188		4.90	<0.001	0.05	7.11	0.5	20	0.15	0.04	5.57	0.14	4.67	78.6	233	0.22	122.0
558189		0.06	7.64	1.30	6.23	33.2	310	0.92	0.52	2.90	0.07	30.6	41.2	325	0.63	114.0
558190		4.55	0.001	0.04	7.15	0.9	40	0.20	0.04	5.61	0.10	4.71	83.7	243	0.28	86.3
558191		4.39	<0.001	0.04	8.08	<0.2	40	0.24	0.05	6.09	0.09	4.98	78.5	277	0.30	76.4
558192		4.57	<0.001	0.03	7.51	<0.2	40	0.19	0.04	5.71	0.08	4.70	81.6	284	0.25	72.7
558193		4.59	<0.001	0.05	7.47	<0.2	20	0.21	0.04	6.11	0.13	4.93	80.9	233	0.31	108.5
558194		4.70	<0.001	0.03	7.85	0.9	80	0.21	0.04	5.94	0.10	5.08	76.4	287	0.48	81.0
558195		4.62	<0.001	0.06	7.27	<0.2	30	0.19	0.04	5.89	0.12	5.24	79.0	284	0.37	112.5
558196		0.21	<0.001	<0.01	0.17	0.5	20	<0.05	0.02	31.5	<0.02	1.02	1.6	8	0.05	2.9
558197		4.88	0.001	0.08	7.63	1.8	30	0.17	0.03	6.36	0.10	5.64	72.6	294	0.30	114.0
558198		4.85	<0.001	0.05	7.85	1.9	20	0.25	0.03	6.32	0.11	6.14	70.1	299	0.28	129.0
558199		4.77	<0.001	0.04	7.76	0.4	20	0.36	0.03	6.76	0.09	7.02	58.6	274	0.38	102.5
558200		4.77	0.001	0.02	7.14	0.3	120	0.43	0.02	6.23	0.05	17.85	42.7	57	6.63	65.4

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Projet: Kan

CERTIFICAT D'ANALYSE VO18223996

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558181		9.10	12.00	0.05	0.6	0.006	0.045	0.17	1.8	33.9	9.61	1460	0.16	0.75	1.5	559
558182		8.76	12.10	<0.05	0.6	0.015	0.043	0.11	1.6	34.0	9.12	1390	0.16	0.75	1.5	525
558183		9.04	12.30	0.05	0.6	0.007	0.044	0.12	1.8	34.8	9.42	1420	0.17	0.71	1.6	547
558184		8.57	12.35	0.06	0.6	0.009	0.050	0.19	2.2	33.9	9.10	1380	0.13	0.77	1.9	531
558185		8.86	12.40	0.06	0.6	0.008	0.041	0.14	1.7	34.0	9.24	1400	0.10	1.02	1.5	517
558186		9.02	12.85	<0.05	0.5	0.011	0.044	0.14	1.6	34.7	9.41	1440	0.14	0.83	1.5	554
558187		8.62	13.40	0.07	0.5	0.009	0.044	0.16	1.8	32.5	8.70	1360	0.12	0.73	1.6	517
558188		8.27	11.75	0.06	0.5	0.011	0.042	0.09	1.7	31.2	8.53	1300	0.14	0.98	1.5	501
558189		5.53	14.70	0.07	2.3	0.184	0.048	1.06	15.6	15.0	4.02	737	6.07	1.20	16.0	246
558190		8.87	11.85	0.06	0.5	0.009	0.037	0.19	1.8	34.4	9.25	1370	0.17	0.69	1.6	534
558191		8.67	13.30	0.07	0.4	0.008	0.040	0.17	1.9	33.3	8.84	1340	0.19	0.90	1.6	494
558192		8.73	12.10	0.05	0.5	0.008	0.039	0.16	1.8	34.6	9.04	1360	0.17	0.87	1.6	513
558193		8.62	12.35	0.05	0.4	0.010	0.039	0.11	1.8	33.2	9.02	1370	0.16	0.95	1.6	515
558194		8.25	12.65	0.05	0.5	0.010	0.038	0.32	1.9	32.3	8.51	1290	0.13	0.94	1.6	492
558195		8.45	12.25	0.06	0.5	0.011	0.046	0.16	2.0	32.1	8.68	1330	0.19	0.86	1.6	499
558196		0.31	0.41	<0.05	<0.1	<0.005	0.005	0.02	1.2	1.9	3.01	187	<0.05	0.05	0.1	8.2
558197		8.30	13.25	<0.05	0.5	0.010	0.043	0.13	2.1	29.4	8.14	1280	0.14	1.02	1.9	459
558198		8.27	13.85	0.05	0.7	0.014	0.047	0.11	2.3	27.5	7.48	1250	0.20	1.27	2.0	405
558199		8.02	14.60	<0.05	0.9	0.006	0.054	0.12	2.5	21.8	6.45	1280	0.17	1.72	2.4	289
558200		10.00	20.4	0.07	2.0	<0.005	0.117	1.05	5.8	19.5	3.48	1420	0.26	1.07	6.0	67.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223996

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558181		190	2.3	4.2	<0.002	0.04	0.25	23.5	1	0.4	86.8	0.10	<0.05	0.15	0.362	0.02
558182		170	2.2	3.1	<0.002	0.04	0.21	21.3	1	0.4	88.5	0.10	<0.05	0.14	0.359	0.02
558183		200	2.2	3.3	0.002	0.06	0.22	23.9	1	0.4	83.0	0.10	<0.05	0.14	0.346	0.02
558184		270	2.1	5.6	<0.002	0.05	0.22	21.3	1	0.4	83.8	0.12	<0.05	0.19	0.307	0.03
558185		190	2.5	3.7	<0.002	0.05	0.22	20.9	<1	0.4	95.0	0.10	<0.05	0.13	0.339	<0.02
558186		180	2.3	3.7	<0.002	0.04	0.21	21.7	1	0.4	92.3	0.10	<0.05	0.12	0.351	0.02
558187		180	2.8	4.1	<0.002	0.05	0.22	24.2	<1	0.4	105.5	0.10	<0.05	0.13	0.351	0.02
558188		180	2.4	2.4	<0.002	0.05	0.21	22.6	<1	0.4	89.2	0.10	<0.05	0.14	0.341	<0.02
558189		1110	9.6	36.8	<0.002	0.08	0.76	19.8	1	1.0	282	0.90	0.25	2.29	0.693	0.18
558190		210	2.0	5.4	<0.002	0.05	0.20	25.0	1	0.4	76.7	0.10	<0.05	0.15	0.341	0.03
558191		210	2.6	4.6	0.002	0.05	0.23	24.8	<1	0.4	103.0	0.10	<0.05	0.15	0.353	0.02
558192		170	2.5	4.4	<0.002	0.04	0.22	24.5	<1	0.4	83.0	0.10	<0.05	0.14	0.353	0.03
558193		220	2.4	3.0	<0.002	0.05	0.23	22.3	1	0.4	93.4	0.11	<0.05	0.15	0.352	0.02
558194		230	2.2	8.6	<0.002	0.05	0.21	22.1	1	0.4	89.9	0.10	<0.05	0.16	0.356	0.04
558195		210	2.0	4.5	<0.002	0.05	0.24	24.4	<1	0.4	83.8	0.11	<0.05	0.16	0.376	0.02
558196		60	0.5	0.4	<0.002	<0.01	0.08	0.5	1	<0.2	81.1	<0.05	<0.05	0.06	0.010	<0.02
558197		220	2.0	3.3	<0.002	0.03	0.26	21.0	1	0.4	102.0	0.12	0.05	0.17	0.403	0.02
558198		260	1.9	2.7	0.002	0.02	0.24	27.5	1	0.4	105.0	0.13	<0.05	0.18	0.440	0.02
558199		310	2.0	3.1	<0.002	0.06	0.23	32.4	<1	0.4	107.0	0.15	<0.05	0.22	0.525	0.02
558200		780	2.2	52.5	0.002	0.15	0.18	45.4	1	0.9	106.5	0.39	<0.05	0.56	1.105	0.34

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18223996

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558181		<0.1	171	<0.1	10.7	105	16.7	89.0	95.0
558182		<0.1	165	<0.1	10.5	100	18.3		97.1
558183		<0.1	163	<0.1	11.0	101	19.3		
558184		<0.1	141	<0.1	13.2	97	21.2		
558185		<0.1	156	0.1	10.3	95	15.9		
558186		<0.1	167	<0.1	10.3	100	15.6		
558187		<0.1	167	<0.1	11.1	94	15.9		
558188		<0.1	156	<0.1	10.6	89	13.8		
558189		0.6	146	8.5	14.9	81	97.9		
558190		<0.1	165	0.1	11.0	98	13.7		
558191		<0.1	168	<0.1	11.5	94	12.6		
558192		<0.1	162	<0.1	10.9	96	15.3		
558193		<0.1	164	0.1	11.0	94	12.8		
558194		<0.1	170	0.1	11.5	87	14.0		
558195		0.1	176	0.1	11.8	90	14.4		
558196		0.1	3	<0.1	2.3	5	1.3		
558197		<0.1	188	0.1	13.0	79	15.4		
558198		<0.1	206	<0.1	14.2	74	23.3		
558199		0.1	253	0.1	17.4	67	30.5		
558200		0.2	498	0.1	40.3	78	72.4		

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CERTIFICAT D'ANALYSE VO18223996

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18224002

Projet: Kan

Bon de commande #: KANDH18-108

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

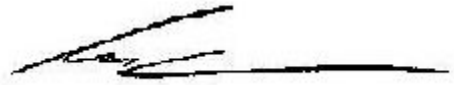
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18224002

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558141		4.79	<0.001	0.02	6.78	<0.2	90	0.34	0.01	5.72	0.06	14.00	42.5	62	2.45	136.0
558142		4.90	0.001	0.03	7.23	1.9	50	0.30	0.01	6.75	0.08	12.90	38.6	146	1.30	144.5
558143		4.91	0.001	0.01	7.54	4.0	10	0.37	0.01	6.58	0.04	4.59	43.4	416	0.17	31.4
558144		4.65	0.001	0.01	7.62	2.5	10	0.32	0.01	6.58	0.04	5.25	45.2	327	0.18	28.5
558145		4.66	<0.001	0.01	7.16	0.7	10	0.27	<0.01	6.50	0.05	6.11	40.4	364	0.19	36.2
558146		4.52	<0.001	0.02	7.20	4.2	30	0.22	<0.01	5.65	0.06	5.02	55.3	255	0.20	43.8
558147		4.84	<0.001	0.02	7.48	9.1	100	0.22	0.01	6.29	0.07	4.65	57.1	279	0.37	69.5
558148		4.86	<0.001	0.04	7.20	10.1	20	0.19	0.01	6.15	0.08	4.73	62.5	277	0.19	102.5
558149		0.07	0.695	0.20	6.98	18.9	310	1.13	0.12	4.09	0.17	47.7	40.4	185	1.87	53.5
558150		4.89	0.001	0.05	7.22	9.0	40	0.18	0.01	6.05	0.11	4.75	64.7	281	0.26	149.0
558151		4.90	<0.001	0.04	6.99	7.4	40	0.17	0.01	6.22	0.07	3.79	63.9	297	0.23	87.1
558152		4.65	0.001	0.07	7.28	6.9	50	0.23	0.01	5.95	0.11	4.24	64.3	263	0.23	152.5
558153		4.71	<0.001	0.04	7.48	1.1	30	0.22	0.01	5.69	0.08	4.69	71.4	267	0.22	102.5
558154		4.83	<0.001	0.03	7.39	<0.2	50	0.23	0.01	6.15	0.06	5.01	67.4	242	0.24	54.9
558155		4.88	<0.001	0.04	7.18	1.0	30	0.21	0.01	5.83	0.13	5.13	74.3	242	0.25	108.5
558156		0.25	<0.001	<0.01	0.14	<0.2	10	0.05	<0.01	32.2	<0.02	0.92	1.3	5	<0.05	1.7
558157		5.01	<0.001	0.04	7.23	0.5	60	0.17	0.01	6.10	0.08	4.51	68.1	248	0.27	72.5
558158		5.13	<0.001	0.04	7.09	1.3	20	0.21	0.01	6.13	0.10	4.80	72.8	284	0.19	115.5
558159		4.90	<0.001	0.04	6.69	<0.2	30	0.20	0.01	6.12	0.09	4.86	69.9	217	0.18	112.0
558160		4.89	<0.001	0.02	7.26	0.7	40	0.19	0.02	6.20	0.06	4.50	72.7	283	0.24	55.3

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CERTIFICAT D'ANALYSE VO18224002

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558141		10.05	18.25	0.06	1.4	0.008	0.097	0.46	5.0	12.2	3.55	1420	0.41	1.67	4.8	60.1
558142		8.55	18.30	0.06	2.0	0.012	0.087	0.27	4.5	10.4	3.81	1320	0.29	1.95	4.6	81.5
558143		6.71	14.20	0.06	0.6	0.013	0.052	0.05	1.6	13.8	4.87	1190	0.21	1.92	1.7	173.5
558144		7.31	15.30	0.05	0.8	0.009	0.053	0.05	1.9	13.5	4.93	1260	0.16	2.11	2.0	195.5
558145		6.89	13.90	<0.05	0.7	0.008	0.053	0.06	2.1	15.9	4.52	1180	0.14	2.13	2.2	153.5
558146		7.71	13.45	0.05	0.6	0.011	0.054	0.09	1.8	23.4	6.10	1240	0.06	1.73	1.9	298
558147		7.79	13.85	0.05	0.6	0.011	0.048	0.30	1.6	19.4	6.41	1200	0.07	1.32	1.7	327
558148		8.16	13.15	0.05	0.6	0.020	0.049	0.07	1.7	20.8	6.69	1240	0.09	1.26	1.6	362
558149		6.87	18.15	0.08	3.6	0.021	0.068	0.83	21.8	12.0	2.72	879	2.13	1.60	18.7	136.0
558150		7.86	13.25	0.06	0.6	0.033	0.044	0.14	1.7	20.6	6.70	1220	0.10	1.11	1.6	349
558151		7.85	12.80	0.06	0.5	0.019	0.044	0.15	1.3	20.6	6.86	1260	0.13	1.08	1.4	375
558152		7.67	12.65	0.06	0.5	0.026	0.038	0.17	1.5	25.1	6.55	1220	0.73	1.24	1.6	360
558153		8.50	13.15	0.06	0.5	0.012	0.040	0.12	1.8	29.8	7.21	1330	0.20	1.12	1.7	388
558154		8.03	13.80	0.06	0.5	0.008	0.046	0.17	1.7	25.7	6.94	1290	0.26	1.12	1.9	390
558155		8.43	12.75	0.06	0.5	0.017	0.045	0.11	1.9	28.3	7.82	1360	0.23	1.02	1.8	417
558156		0.23	0.32	0.08	<0.1	0.006	<0.005	0.01	1.1	1.6	1.43	104	0.08	0.04	0.1	5.7
558157		8.13	12.45	0.05	0.6	0.019	0.039	0.23	1.6	27.7	7.53	1310	0.14	0.99	1.7	430
558158		8.56	12.35	<0.05	0.5	0.018	0.043	0.07	1.8	27.3	7.73	1400	0.12	0.80	1.6	437
558159		8.19	12.55	<0.05	0.5	0.026	0.045	0.12	1.7	23.3	7.21	1330	0.17	0.91	1.7	404
558160		8.53	12.55	<0.05	0.5	0.011	0.043	0.16	1.5	27.0	8.15	1390	0.13	0.89	1.7	471

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18224002

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558141		610	1.8	22.2	0.002	0.29	0.19	46.4	1	1.0	99.0	0.31	<0.05	0.39	1.020	0.15
558142		520	1.9	11.7	0.002	0.13	0.23	43.0	1	1.9	123.5	0.30	<0.05	0.41	0.890	0.08
558143		210	2.2	0.9	<0.002	0.01	0.29	33.3	<1	0.4	162.5	0.12	<0.05	0.13	0.413	<0.02
558144		240	1.9	0.7	0.002	<0.01	0.25	28.1	<1	0.6	151.0	0.14	<0.05	0.15	0.463	<0.02
558145		290	1.2	1.3	<0.002	0.01	0.11	33.9	<1	0.5	91.7	0.16	<0.05	0.18	0.511	0.02
558146		220	1.1	1.9	<0.002	0.01	0.16	23.9	1	0.4	76.7	0.13	<0.05	0.14	0.408	0.02
558147		200	1.6	6.6	<0.002	0.01	0.26	22.4	1	0.4	113.0	0.12	<0.05	0.12	0.410	0.04
558148		190	1.6	1.6	0.002	0.01	0.27	23.7	<1	0.4	111.5	0.11	<0.05	0.11	0.390	<0.02
558149		1090	13.4	38.1	<0.002	0.02	0.94	18.7	<1	1.6	332	1.11	<0.05	4.72	0.864	0.18
558150		190	1.9	3.4	<0.002	0.02	0.30	23.6	<1	0.4	116.0	0.11	<0.05	0.13	0.366	0.03
558151		180	2.0	3.4	<0.002	0.01	0.30	21.7	<1	0.3	121.0	0.09	<0.05	0.10	0.333	0.02
558152		190	4.7	4.1	<0.002	0.02	0.53	19.9	<1	0.4	114.0	0.11	<0.05	0.11	0.358	0.03
558153		190	2.4	3.2	<0.002	0.05	0.27	21.9	<1	0.4	107.5	0.11	<0.05	0.11	0.359	0.02
558154		220	3.1	4.3	<0.002	0.05	0.33	20.6	<1	0.4	126.5	0.12	<0.05	0.12	0.400	0.03
558155		240	2.3	3.0	<0.002	0.05	0.24	22.3	<1	0.4	104.5	0.13	<0.05	0.14	0.382	<0.02
558156		40	0.5	0.2	<0.002	<0.01	0.05	0.4	<1	<0.2	78.9	<0.05	<0.05	0.05	0.008	<0.02
558157		220	2.5	5.6	0.002	0.05	0.22	18.4	<1	0.4	111.5	0.12	<0.05	0.11	0.364	0.03
558158		190	2.6	1.9	0.003	0.06	0.25	21.6	<1	0.4	110.5	0.11	<0.05	0.12	0.357	<0.02
558159		220	2.4	3.0	<0.002	0.09	0.22	19.5	<1	0.4	114.5	0.11	<0.05	0.11	0.380	<0.02
558160		210	2.3	4.0	<0.002	0.04	0.24	17.7	<1	0.4	107.0	0.11	<0.05	0.11	0.361	0.02

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Finalisée date: 24-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18224002

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	CRU-QC Pass2mm % 0.01	PUL-QC Pass75um % 0.01
558141		0.2	475	0.3	30.0	86	46.9	73.4	91.8
558142		0.2	430	0.3	28.3	75	54.7		
558143		<0.1	229	0.1	12.7	60	20.8		97.7
558144		0.1	247	0.1	13.0	62	22.9		97.7
558145		0.1	268	0.1	15.4	61	22.6		
558146		<0.1	211	0.1	11.5	67	18.3		
558147		<0.1	212	0.1	10.9	64	19.2		
558148		<0.1	208	0.1	10.9	70	18.4		
558149		1.1	140	2.0	19.2	121	139.0		
558150		<0.1	192	0.1	10.9	71	19.1		
558151		<0.1	184	0.1	8.9	74	16.3		
558152		<0.1	182	0.1	9.4	79	12.4		
558153		0.1	181	0.1	10.3	84	12.7		
558154		<0.1	195	0.1	11.3	79	14.5		
558155		0.1	187	0.1	11.8	86	15.0		
558156		0.1	3	<0.1	2.0	4	1.4		
558157		<0.1	182	0.1	9.9	82	14.5		
558158		<0.1	182	0.1	10.5	90	15.1		
558159		<0.1	194	0.1	10.8	82	12.7		
558160		<0.1	182	0.1	10.1	87	15.0		

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Projet: Kan

CERTIFICAT D'ANALYSE VO18224002

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Sudbury, 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applique à la Méthode:				
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
Au-ICP21	Hg-MS42	ME-MS61	

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 26-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18230512

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-017

Ce rapport s'applique aux 7 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND-02a	Localiser échantillon au laboratoire subsidiair

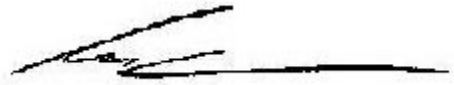
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 26-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18230512

Description échantillon	Méthode élément unités LDI	Au-ICP21 Au ppm 0.001
403545		0.124
403546		<0.001
403547		0.058
403548		0.281
403549		0.042
403550		0.007
486377		0.671

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Finalisée date: 26-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18230512

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ICP21 FND-02a

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 1-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233786

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-041

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

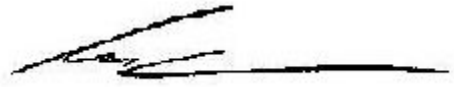
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233786

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555561		3.22	<0.001	0.06	1.34	8.0	50	0.88	0.04	1.15	0.20	20.0	10.1	28	0.54	9.7
555562		2.22	<0.001	0.12	8.03	16.8	440	2.86	0.18	0.14	0.22	59.3	21.3	95	4.33	30.9
555563		2.47	<0.001	0.10	7.90	5.1	420	2.47	0.14	0.11	0.20	48.3	20.6	92	4.13	27.6
555564		2.28	<0.001	0.12	7.78	7.5	430	2.64	0.19	0.12	0.20	43.6	20.6	94	4.07	39.7
555565		2.30	<0.001	0.15	7.39	2.4	420	3.24	0.17	0.11	0.08	43.7	20.9	92	3.52	27.6
555566		0.24	<0.001	<0.01	0.11	0.3	20	0.07	0.01	32.4	0.02	1.21	0.6	2	<0.05	1.7
555567		2.53	<0.001	0.11	2.61	1.5	90	1.01	0.03	1.03	0.10	23.6	10.7	43	1.00	16.9
555568		2.62	<0.001	0.07	0.69	1.7	10	0.40	0.02	3.84	0.09	12.45	8.2	17	0.12	7.2
555569		2.44	<0.001	0.05	0.33	1.6	<10	0.14	0.01	4.51	0.10	6.13	2.1	10	<0.05	3.6
555570		1.19	<0.001	0.31	0.81	1.6	20	0.28	0.02	2.83	0.08	20.8	2.3	23	0.31	41.0
555571		1.38	<0.001	0.09	0.10	12.5	<10	0.18	0.01	2.24	0.02	6.62	1.6	13	<0.05	4.7
555572		2.38	<0.001	0.09	0.13	10.7	<10	0.25	0.01	2.59	0.02	9.26	1.8	22	<0.05	5.1
555573		2.36	<0.001	0.08	0.08	1.7	<10	0.18	0.01	2.67	0.02	4.57	1.7	18	<0.05	6.7
555574		2.39	<0.001	0.02	0.20	4.8	<10	0.27	0.01	5.19	0.02	6.49	3.4	17	<0.05	4.8
555575		2.57	<0.001	0.03	0.41	0.7	<10	0.33	0.01	5.69	0.02	12.05	7.2	19	<0.05	3.7
555576		1.59	<0.001	0.40	0.67	1.7	10	0.33	0.07	2.75	0.06	13.10	8.8	18	0.20	43.4
555577		2.69	<0.001	0.08	0.11	0.6	<10	0.24	0.01	3.15	0.02	9.83	3.7	17	<0.05	5.7
555578		1.96	<0.001	0.03	0.09	5.6	<10	0.23	0.01	2.35	0.03	4.72	1.7	17	0.06	1.9
555579		0.07	7.59	1.35	5.99	32.3	310	0.83	0.47	2.83	0.09	30.0	37.9	316	0.65	110.0
555580		2.22	<0.001	0.03	0.04	1.0	<10	0.14	0.01	1.86	<0.02	1.66	1.1	19	<0.05	1.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233786

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555561		22.5	5.18	0.09	0.7	<0.005	0.022	0.45	10.6	12.4	2.67	24900	1.43	0.01	5.6	15.6
555562		7.98	21.0	0.16	2.1	0.010	0.050	4.20	29.5	37.9	1.22	5580	1.07	0.08	8.0	44.9
555563		7.14	20.8	0.18	2.0	0.017	0.048	4.21	22.2	30.4	1.04	5180	0.77	0.10	8.1	40.9
555564		8.18	21.0	0.17	2.0	0.014	0.049	4.13	19.7	30.6	1.19	6580	0.91	0.11	7.3	41.1
555565		9.19	19.80	0.16	1.9	0.010	0.052	3.49	20.4	46.6	1.42	3520	1.02	0.09	7.5	43.1
555566		0.16	0.34	0.09	0.1	<0.005	<0.005	0.03	1.2	1.3	1.26	114	<0.05	0.02	0.2	0.3
555567		15.60	8.02	0.09	0.8	0.009	0.023	0.79	12.7	30.0	2.33	8440	0.55	0.02	5.4	23.1
555568		18.80	2.69	0.06	0.4	<0.005	0.013	0.09	6.8	14.1	3.41	10450	0.66	<0.01	1.7	10.4
555569		11.95	1.37	<0.05	0.1	<0.005	0.006	0.02	3.5	8.5	3.14	4670	0.51	<0.01	0.4	3.4
555570		8.39	2.85	0.06	0.5	0.011	0.010	0.23	11.6	11.9	1.88	3260	5.57	0.01	2.1	31.9
555571		10.30	0.61	<0.05	0.1	<0.005	<0.005	0.02	3.8	1.9	2.38	1680	0.75	<0.01	0.9	6.3
555572		10.95	0.68	<0.05	0.1	<0.005	<0.005	0.01	5.1	3.3	2.53	1780	0.75	<0.01	1.1	8.1
555573		8.48	0.56	<0.05	0.1	0.006	<0.005	<0.01	2.8	2.4	2.12	1620	0.79	<0.01	0.4	6.7
555574		11.05	1.15	<0.05	0.1	<0.005	0.005	<0.01	3.7	7.3	3.31	4020	0.63	<0.01	0.9	5.5
555575		15.75	1.92	<0.05	0.3	<0.005	0.011	<0.01	6.9	12.7	3.70	9120	0.65	<0.01	1.6	9.7
555576		15.80	2.77	0.06	0.5	0.005	0.026	0.14	7.4	8.5	3.04	9410	0.91	0.02	1.9	35.1
555577		9.13	0.68	<0.05	0.1	0.005	0.006	0.02	5.7	2.5	2.48	1540	0.82	<0.01	0.8	6.0
555578		8.17	0.53	<0.05	0.1	<0.005	<0.005	0.03	2.8	1.8	2.22	1400	0.46	<0.01	0.5	4.6
555579		5.37	13.55	<0.05	2.3	0.136	0.043	1.02	15.1	14.4	3.93	726	5.98	1.16	15.6	246
555580		3.69	0.24	<0.05	<0.1	0.006	<0.005	0.01	0.9	1.1	1.04	873	0.44	<0.01	0.3	4.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233786

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555561		700	2.0	16.4	<0.002	0.42	0.27	3.5	1	0.3	41.6	0.30	<0.05	1.53	0.114	0.19
555562		200	3.8	154.5	0.004	0.85	0.76	14.1	2	1.3	21.9	0.61	0.06	10.05	0.281	2.00
555563		200	4.1	142.0	0.003	0.79	0.57	14.0	1	1.3	21.1	0.59	<0.05	9.41	0.287	2.27
555564		180	3.8	124.5	0.004	0.90	0.60	13.7	1	1.3	20.4	0.53	0.06	8.57	0.274	2.36
555565		260	5.0	112.5	0.004	1.05	0.58	13.1	1	1.4	19.1	0.51	0.07	8.03	0.263	2.14
555566		50	<0.5	1.0	<0.002	0.01	0.07	0.2	1	<0.2	81.5	<0.05	<0.05	0.12	0.006	0.02
555567		330	1.6	30.6	0.002	0.88	0.21	4.8	1	0.4	35.1	0.33	<0.05	2.73	0.128	0.56
555568		630	1.1	3.1	<0.002	0.56	0.08	1.7	1	<0.2	73.6	0.13	<0.05	0.79	0.045	0.07
555569		170	1.1	0.6	<0.002	0.29	0.08	0.7	<1	<0.2	106.0	<0.05	<0.05	0.19	0.005	0.02
555570		150	4.3	6.5	0.005	2.00	0.38	1.9	1	0.2	88.8	0.11	0.05	1.13	0.030	0.21
555571		200	1.3	0.6	<0.002	0.61	0.16	0.4	<1	<0.2	33.5	0.05	<0.05	0.18	0.007	0.03
555572		210	1.5	0.3	<0.002	0.68	0.13	0.3	1	<0.2	25.4	0.06	<0.05	0.26	0.011	0.02
555573		120	1.3	0.1	<0.002	0.96	0.09	0.2	1	<0.2	25.9	<0.05	<0.05	0.11	<0.005	<0.02
555574		170	1.2	0.1	<0.002	0.15	0.05	0.6	1	<0.2	48.2	<0.05	<0.05	0.25	0.010	<0.02
555575		630	1.2	0.1	<0.002	0.26	0.07	1.3	1	<0.2	49.6	0.09	<0.05	0.48	0.025	<0.02
555576		600	4.0	3.7	<0.002	2.25	0.44	1.6	1	<0.2	50.7	0.10	0.13	0.66	0.025	0.18
555577		190	1.5	0.5	<0.002	0.59	0.11	0.4	1	<0.2	31.9	<0.05	<0.05	0.16	0.007	0.02
555578		80	1.5	0.7	<0.002	0.31	0.07	0.2	<1	<0.2	16.8	<0.05	<0.05	0.11	<0.005	0.03
555579		1080	11.4	35.7	0.002	0.08	0.99	18.1	<1	0.9	273	0.85	0.23	2.26	0.680	0.20
555580		30	2.1	0.5	<0.002	0.42	0.22	0.1	1	<0.2	8.9	<0.05	<0.05	0.04	<0.005	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233786

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555561		1.0	87	0.4	6.7	58	32.0
555562		3.3	146	2.1	6.9	159	76.1
555563		2.7	124	1.9	5.6	161	75.3
555564		3.4	149	1.9	5.7	147	74.3
555565		3.4	151	1.6	6.2	171	71.2
555566		0.2	2	<0.1	2.0	5	2.0
555567		1.3	79	0.4	5.1	120	32.9
555568		0.5	35	0.1	5.5	49	19.1
555569		0.4	19	0.1	4.4	28	3.8
555570		2.0	45	1.3	4.6	29	24.4
555571		0.8	7	0.1	3.5	15	3.7
555572		1.0	8	0.2	4.0	13	5.7
555573		0.9	7	0.1	2.9	10	3.2
555574		0.5	13	0.1	4.3	10	7.0
555575		0.6	31	0.2	6.2	22	13.2
555576		0.6	35	0.2	5.0	53	21.4
555577		1.0	11	0.1	4.0	13	4.3
555578		1.2	8	0.1	2.6	12	3.4
555579		0.5	141	8.6	14.4	85	92.6
555580		2.0	4	0.1	1.6	6	1.3

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CERTIFICAT D'ANALYSE VO18233786

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 1-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233804

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-042

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

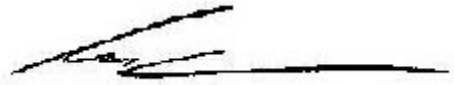
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233804

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555581		2.20	0.002	0.13	0.07	4.4	10	0.24	0.09	2.33	0.03	4.31	1.8	17	0.10	4.5
555582		2.31	<0.001	0.06	0.05	3.1	10	0.20	0.05	1.59	<0.02	3.13	2.9	21	0.06	2.1
555583		2.45	<0.001	0.01	0.08	3.9	10	0.29	0.04	3.73	<0.02	4.99	2.5	18	0.10	1.3
555584		2.61	<0.001	0.01	0.48	7.1	30	0.74	0.06	6.12	0.03	9.88	6.0	20	0.49	5.2
555585		2.40	<0.001	0.02	0.52	5.7	30	2.29	0.06	2.27	0.02	11.40	6.4	23	0.62	4.6
555586		0.20	<0.001	<0.01	0.11	<0.2	20	0.08	0.04	33.6	<0.02	1.02	0.6	3	<0.05	1.2
555587		2.42	<0.001	0.06	0.48	3.6	30	1.91	0.05	1.85	0.02	14.20	7.5	16	0.57	4.4
555588		2.30	<0.001	0.02	0.33	1.9	20	1.03	0.05	1.64	<0.02	12.35	5.2	13	0.21	2.9
555589		2.46	<0.001	0.03	0.50	6.5	20	1.13	0.06	3.04	<0.02	12.80	6.9	14	0.18	5.9
555590		2.36	<0.001	0.02	0.63	2.2	20	0.98	0.05	2.65	<0.02	13.05	8.0	16	0.19	7.2
555591		2.52	<0.001	0.03	0.71	7.1	20	1.04	0.05	1.76	<0.02	15.90	7.4	20	0.20	8.2
555592		2.53	<0.001	0.04	0.26	7.2	10	0.36	0.04	2.60	<0.02	8.67	7.6	21	0.17	5.3
555593		2.14	<0.001	0.07	0.09	14.9	10	0.28	0.03	1.74	<0.02	4.68	2.9	24	0.10	2.6
555594		1.74	<0.001	0.03	0.05	6.4	<10	0.15	0.03	1.45	<0.02	2.85	1.9	21	0.06	1.7
555595		2.62	<0.001	0.02	0.04	3.0	<10	0.27	0.03	1.84	0.02	5.25	1.6	21	<0.05	1.5
555596		2.07	<0.001	0.03	0.05	3.2	<10	0.21	0.03	2.43	0.02	3.81	1.7	22	<0.05	1.3
555597		2.15	<0.001	0.02	0.23	3.1	10	0.48	0.02	4.09	<0.02	7.09	2.1	20	0.06	1.6
555598		2.11	<0.001	0.01	0.05	3.4	30	0.28	0.03	1.85	<0.02	4.11	1.8	12	<0.05	1.6
555599		0.07	0.668	0.19	7.28	19.1	330	1.44	0.15	4.31	0.20	52.2	42.3	183	1.96	53.7
555600		2.24	0.001	0.02	0.16	13.6	10	0.27	0.03	2.65	0.03	7.14	1.9	18	0.06	4.6

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Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233804

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555581		8.59	0.39	<0.05	<0.1	<0.005	0.008	0.03	2.4	1.7	2.09	2200	0.42	<0.01	0.3	5.2
555582		6.82	0.27	<0.05	<0.1	<0.005	<0.005	0.02	1.8	1.2	1.52	1580	0.59	<0.01	0.3	7.1
555583		8.34	0.42	<0.05	0.1	<0.005	<0.005	0.04	3.0	1.8	2.38	2800	0.28	<0.01	0.8	4.9
555584		16.90	2.31	<0.05	0.3	<0.005	0.011	0.15	4.9	6.6	3.99	7960	0.69	<0.01	3.0	9.0
555585		18.45	2.62	<0.05	0.4	<0.005	0.012	0.16	5.3	6.3	2.69	11100	0.77	<0.01	3.4	9.3
555586		0.32	0.26	0.07	0.1	<0.005	<0.005	0.01	1.1	0.7	1.69	175	0.06	0.06	0.2	<0.2
555587		21.4	2.33	0.05	0.3	<0.005	0.013	0.14	6.9	6.0	2.78	13300	0.66	<0.01	3.2	7.6
555588		20.1	1.37	0.05	0.3	<0.005	0.009	0.04	5.8	3.7	2.66	11300	0.38	<0.01	2.9	5.0
555589		20.7	2.03	0.05	0.4	<0.005	0.014	0.03	5.9	4.9	3.25	12300	0.42	<0.01	4.1	7.4
555590		20.0	2.77	0.05	0.5	<0.005	0.017	0.03	6.1	6.2	3.02	13200	0.34	<0.01	4.5	9.6
555591		21.8	3.58	0.05	0.5	<0.005	0.015	0.03	7.4	6.2	3.03	14300	0.40	<0.01	5.1	10.3
555592		11.60	1.19	0.05	0.2	<0.005	0.007	0.02	4.5	2.8	2.12	5530	0.88	<0.01	1.9	12.5
555593		4.46	0.40	<0.05	0.1	<0.005	<0.005	0.03	2.6	1.8	1.07	897	0.61	<0.01	0.4	7.5
555594		6.14	0.31	<0.05	<0.1	<0.005	<0.005	0.02	1.5	1.1	1.35	1310	0.46	<0.01	0.5	5.4
555595		10.85	0.25	<0.05	<0.1	<0.005	<0.005	0.01	3.0	1.0	2.26	1840	0.42	<0.01	0.5	4.6
555596		8.09	0.29	<0.05	<0.1	<0.005	<0.005	0.01	2.2	1.5	2.05	1620	0.41	<0.01	0.4	4.6
555597		7.31	1.31	<0.05	0.1	<0.005	<0.005	0.02	4.3	4.4	2.52	2060	0.44	0.01	0.7	5.0
555598		11.45	0.26	<0.05	<0.1	<0.005	<0.005	0.01	2.4	1.8	2.48	2190	0.28	<0.01	0.3	4.0
555599		7.22	18.25	0.11	3.5	0.023	0.071	0.90	21.9	13.2	2.87	917	2.26	1.69	19.9	143.0
555600		13.30	0.97	0.05	0.1	<0.005	0.008	0.02	4.2	3.3	2.94	1940	0.66	<0.01	0.5	10.7

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CERTIFICAT D'ANALYSE VO18233804

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555581		230	1.8	1.2	<0.002	0.42	0.21	0.2	<1	<0.2	13.7	<0.05	0.05	0.12	<0.005	0.04
555582		170	1.8	0.8	<0.002	0.33	0.14	0.1	<1	<0.2	9.6	<0.05	<0.05	0.07	<0.005	0.02
555583		190	0.7	1.5	<0.002	0.10	0.09	0.2	1	<0.2	16.1	<0.05	<0.05	0.12	0.009	0.03
555584		250	1.2	6.0	<0.002	0.12	0.11	1.3	1	0.2	33.6	0.16	<0.05	0.51	0.057	0.10
555585		300	1.3	6.4	<0.002	0.13	0.11	1.3	<1	0.2	22.5	0.19	<0.05	0.61	0.064	0.08
555586		70	<0.5	0.2	<0.002	0.01	0.07	0.4	1	<0.2	81.3	<0.05	<0.05	0.06	0.015	<0.02
555587		570	1.4	5.4	<0.002	0.12	0.13	1.3	1	0.2	19.4	0.15	0.05	0.53	0.053	0.06
555588		400	0.9	1.6	<0.002	0.06	0.09	0.8	<1	<0.2	16.3	0.14	<0.05	0.43	0.036	0.02
555589		410	1.3	1.2	<0.002	0.12	0.11	1.4	<1	0.2	23.9	0.23	<0.05	0.73	0.061	0.02
555590		420	1.4	1.4	<0.002	0.11	0.11	1.7	1	0.2	21.4	0.28	<0.05	0.83	0.075	0.03
555591		530	1.1	1.3	<0.002	0.15	0.10	2.1	1	0.3	19.9	0.31	0.05	0.79	0.105	0.03
555592		420	1.9	0.9	<0.002	0.34	0.12	0.8	1	<0.2	31.8	0.09	<0.05	0.30	0.032	0.02
555593		300	2.0	1.2	<0.002	0.56	0.17	0.2	1	<0.2	17.5	<0.05	<0.05	0.12	0.005	0.05
555594		140	1.1	0.7	<0.002	0.37	0.13	0.2	1	<0.2	14.3	<0.05	<0.05	0.07	0.006	0.03
555595		190	1.1	0.4	<0.002	0.23	0.12	0.1	<1	<0.2	20.2	<0.05	<0.05	0.07	0.005	0.02
555596		140	1.9	0.4	<0.002	0.23	0.10	0.2	1	<0.2	28.7	<0.05	<0.05	0.07	<0.005	0.02
555597		160	1.0	0.7	<0.002	0.24	0.11	0.3	1	<0.2	30.6	<0.05	<0.05	0.28	0.007	0.04
555598		230	0.6	0.5	<0.002	0.13	0.09	0.1	1	<0.2	11.7	<0.05	<0.05	0.07	<0.005	0.02
555599		1120	13.9	41.8	<0.002	0.02	1.00	20.0	<1	1.6	346	1.11	<0.05	5.02	0.904	0.19
555600		140	1.4	1.0	<0.002	0.55	0.11	0.3	1	<0.2	19.1	<0.05	<0.05	0.19	0.006	0.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233804

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555581		0.7	7	0.1	3.3	10	2.1
555582		0.5	4	0.1	2.6	5	1.9
555583		0.3	7	0.2	4.8	4	2.8
555584		0.4	34	0.6	5.5	8	13.5
555585		0.5	37	0.6	4.8	11	15.8
555586		0.1	3	<0.1	2.4	3	2.4
555587		0.5	40	0.7	6.7	9	14.8
555588		0.3	25	0.4	5.3	7	12.1
555589		0.4	38	0.6	5.9	9	17.1
555590		0.4	54	0.5	5.6	11	21.4
555591		0.5	58	0.5	6.4	13	24.8
555592		0.9	20	0.3	4.5	7	7.6
555593		1.9	5	0.4	2.8	4	3.2
555594		1.2	5	0.1	2.0	3	1.7
555595		0.8	6	0.2	3.3	5	2.3
555596		0.9	5	0.2	3.1	6	2.0
555597		1.0	10	0.2	3.4	5	4.2
555598		0.3	4	0.1	3.7	6	2.3
555599		1.2	145	2.0	20.6	130	144.5
555600		0.5	12	0.1	3.6	14	4.2

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CERTIFICAT D'ANALYSE VO18233804

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 1-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233805

Projet: Kan

Bon de commande #: KANDH18-RUSH-043

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

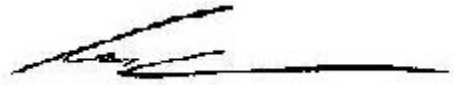
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalisée date: 1-OCT-2018
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CERTIFICAT D'ANALYSE VO18233805

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555601		2.25	<0.001	0.02	0.10	1.2	<10	0.25	0.01	4.60	0.02	15.20	3.1	36	<0.05	4.9
555602		3.03	<0.001	0.09	0.30	10.2	20	0.46	0.02	1.97	0.02	11.25	3.9	27	0.18	32.2
555603		3.49	0.005	0.20	5.23	2.6	260	2.15	0.16	4.55	0.38	42.0	14.7	70	2.43	61.8
555604		2.37	0.004	0.17	0.20	0.4	10	0.37	0.02	7.76	0.04	9.58	7.0	7	0.10	31.9
555605		2.23	<0.001	0.01	0.12	0.4	<10	0.47	0.01	4.24	<0.02	7.96	1.8	8	<0.05	1.3
555606		0.18	<0.001	0.01	0.09	<0.2	20	0.07	0.01	33.3	<0.02	1.12	0.6	2	<0.05	1.0
555607		1.68	0.006	0.47	0.22	23.2	10	0.36	0.08	5.23	0.06	7.80	6.8	7	0.17	170.0
555608		1.83	0.001	0.15	0.27	0.5	<10	0.34	0.02	5.32	0.08	9.97	6.2	8	0.09	13.2
555609		2.12	0.003	0.03	0.32	2.9	10	0.60	0.02	3.36	0.10	11.05	5.2	9	0.10	5.6
555610		2.37	0.003	0.01	0.29	1.4	10	0.47	0.02	3.67	0.04	12.10	5.6	9	0.06	3.0
555611		1.47	<0.001	0.01	0.28	1.5	<10	0.40	0.02	2.69	0.03	10.05	6.3	8	<0.05	2.8
555612		1.66	<0.001	0.01	0.53	0.6	20	0.53	0.02	3.60	0.08	11.75	5.7	13	0.12	8.1
555613		1.76	<0.001	0.01	0.18	0.4	10	0.74	0.01	6.27	0.02	8.21	4.1	9	0.26	1.8
555614		1.58	0.001	0.02	0.40	14.0	10	0.65	0.03	4.71	0.06	13.20	9.9	10	0.23	5.8
555615		1.59	<0.001	0.02	0.42	3.4	<10	0.57	0.03	3.31	0.05	14.50	8.0	14	0.31	4.5
555616		2.09	0.001	0.01	0.38	1.4	<10	0.54	0.02	5.66	0.05	15.65	8.3	13	0.34	4.5
555617		1.82	0.001	0.01	0.37	12.9	10	0.75	0.03	3.17	0.02	14.45	8.1	10	0.89	4.6
555618		2.52	1.620	0.06	0.55	84.2	20	0.42	0.05	1.95	0.10	15.10	8.6	14	3.03	29.0
555619		0.07	2.59	0.46	6.91	11.8	330	1.22	0.18	4.85	0.08	44.6	53.2	329	0.67	88.0
555620		2.56	5.34	0.17	0.36	12.3	10	0.28	0.03	2.06	0.16	4.48	3.5	4	3.23	15.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233805

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555601		11.10	0.74	0.06	0.3	0.009	0.005	0.01	8.4	3.2	3.32	2160	0.68	<0.01	2.8	10.6
555602		11.25	1.24	0.06	0.3	0.015	0.006	0.12	6.2	3.7	2.35	1600	2.95	0.01	2.4	13.3
555603		12.25	14.80	0.11	1.4	0.018	0.045	2.32	22.0	21.0	3.06	8280	1.04	0.19	2.5	37.4
555604		17.65	1.70	0.07	0.1	0.019	<0.005	0.02	5.5	3.7	4.50	4670	0.78	0.01	1.0	8.8
555605		15.50	1.47	0.05	0.1	<0.005	<0.005	0.01	4.8	2.8	3.43	4000	0.19	<0.01	0.6	1.8
555606		0.22	0.26	0.07	0.1	<0.005	0.008	0.02	1.2	1.1	1.49	129	<0.05	0.03	0.1	0.3
555607		24.0	2.26	0.07	0.1	0.005	0.005	0.02	4.5	4.5	3.03	3030	1.70	<0.01	0.7	42.0
555608		18.80	1.71	0.05	0.2	<0.005	0.008	0.01	5.5	4.7	3.58	6070	1.42	<0.01	2.1	7.5
555609		24.9	1.84	0.06	0.2	0.006	0.011	0.04	6.2	4.6	3.80	8780	0.51	0.01	1.7	7.5
555610		21.4	1.18	0.06	0.2	<0.005	0.008	0.03	6.5	3.3	3.47	11350	0.34	<0.01	2.6	5.8
555611		19.00	1.04	0.06	0.2	<0.005	0.008	0.01	5.4	3.1	2.85	13450	0.21	<0.01	2.3	5.1
555612		17.25	2.20	0.06	0.3	<0.005	0.011	0.06	6.4	5.0	2.88	12800	1.10	0.01	2.8	5.7
555613		13.65	0.82	0.05	0.2	<0.005	0.005	0.02	4.8	3.0	3.26	9960	0.24	<0.01	1.6	3.3
555614		20.9	1.79	0.06	0.2	<0.005	0.009	0.02	7.0	4.2	3.85	13500	0.39	<0.01	3.6	9.1
555615		17.95	2.08	0.06	0.3	<0.005	0.010	0.02	7.3	4.1	3.13	13600	0.34	<0.01	4.1	8.3
555616		18.30	2.10	0.06	0.2	<0.005	0.009	0.02	7.9	4.0	3.77	11650	0.48	<0.01	4.0	8.4
555617		21.7	1.87	0.07	0.2	<0.005	0.008	0.05	7.7	3.8	3.30	14400	0.51	<0.01	3.7	7.6
555618		22.6	2.05	0.07	0.2	0.019	0.014	0.15	7.3	4.3	2.89	10050	0.24	<0.01	4.4	5.9
555619		7.50	18.40	0.12	3.4	0.057	0.061	1.01	22.2	9.8	5.63	1070	3.05	1.99	30.3	359
555620		23.5	1.19	0.06	<0.1	0.019	0.012	0.08	2.7	1.7	3.71	6910	0.06	0.01	1.3	1.5

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233805

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555601		280	1.6	0.4	<0.002	0.59	0.07	0.9	<1	<0.2	37.0	0.12	<0.05	0.64	0.027	0.02
555602		220	2.1	3.7	0.002	1.37	0.13	1.0	1	0.3	18.8	0.14	<0.05	0.44	0.024	0.16
555603		260	11.5	84.1	0.002	1.93	0.40	10.7	1	1.0	69.8	0.13	0.10	5.66	0.093	1.61
555604		250	2.1	1.0	<0.002	1.59	0.21	0.7	1	<0.2	63.2	0.05	0.07	0.22	0.010	0.04
555605		210	0.7	0.4	<0.002	0.15	0.10	0.4	1	<0.2	23.8	<0.05	<0.05	0.13	<0.005	0.02
555606		70	<0.5	0.5	<0.002	0.01	<0.05	0.2	1	<0.2	82.6	<0.05	<0.05	0.08	0.005	<0.02
555607		80	3.5	1.4	<0.002	6.58	0.28	0.9	2	<0.2	57.2	<0.05	0.27	0.20	0.005	0.06
555608		230	2.1	0.6	<0.002	1.57	0.14	0.7	1	<0.2	67.1	0.08	0.06	0.39	0.008	0.02
555609		190	1.9	1.5	<0.002	0.41	0.17	0.9	1	<0.2	31.9	0.09	0.05	0.43	0.013	0.05
555610		330	1.3	1.2	<0.002	0.16	0.15	0.8	1	<0.2	28.1	0.12	<0.05	0.42	0.038	0.04
555611		260	0.9	0.5	<0.002	0.07	0.14	0.9	1	<0.2	17.4	0.12	<0.05	0.36	0.039	0.02
555612		320	1.1	2.6	<0.002	0.06	0.15	1.3	1	0.3	20.6	0.15	<0.05	0.61	0.054	0.07
555613		270	1.3	1.6	<0.002	0.02	0.12	0.6	1	<0.2	28.7	0.08	<0.05	0.27	0.024	0.07
555614		300	1.5	1.2	<0.002	0.08	0.19	1.2	1	<0.2	24.1	0.15	0.05	0.58	0.044	0.06
555615		350	1.3	1.5	<0.002	0.09	0.20	1.2	1	0.2	20.8	0.17	<0.05	0.71	0.051	0.07
555616		420	1.6	1.7	<0.002	0.09	0.17	1.2	1	0.2	39.8	0.15	<0.05	0.66	0.037	0.08
555617		440	1.1	3.8	<0.002	0.18	0.18	1.0	1	0.2	34.6	0.14	<0.05	0.61	0.039	0.18
555618		290	1.5	8.8	<0.002	1.88	0.17	1.2	1	0.2	56.5	0.17	0.25	0.93	0.037	0.32
555619		1890	4.8	32.1	<0.002	0.03	0.35	22.0	1	1.2	486	1.63	0.06	2.83	1.070	0.07
555620		120	1.3	4.8	<0.002	0.97	0.13	0.3	1	<0.2	73.1	0.08	0.06	0.08	0.006	0.09

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233805

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555601		1.6	11	0.4	6.4	11	13.1
555602		1.9	21	0.5	3.9	11	12.8
555603		2.4	112	1.1	7.4	96	53.6
555604		0.4	30	0.4	5.5	10	5.5
555605		0.2	14	0.1	4.6	6	3.9
555606		0.1	1	<0.1	2.1	3	2.1
555607		0.4	20	0.1	4.6	18	5.8
555608		0.5	24	0.2	5.7	22	8.1
555609		0.8	30	0.2	5.9	35	10.2
555610		0.3	23	0.2	5.8	15	10.5
555611		0.2	21	0.2	5.1	13	10.3
555612		0.3	27	0.2	5.7	22	12.4
555613		0.1	15	0.1	5.5	7	7.1
555614		0.6	26	0.2	6.4	15	11.2
555615		0.3	29	0.2	5.9	11	13.5
555616		0.3	26	0.2	6.0	10	10.7
555617		0.3	24	0.1	5.4	9	11.0
555618		0.3	28	0.2	5.8	33	12.6
555619		0.6	150	3.2	21.6	110	145.5
555620		0.1	11	0.2	4.5	39	3.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233805

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 3-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233807

Projet: Kan

Bon de commande #: KANDH18-RUSH-044

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

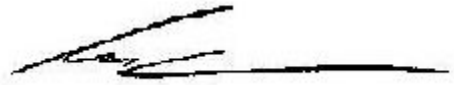
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233807

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555621		2.07	0.599	0.03	0.22	1115	10	0.31	0.05	3.06	0.21	5.15	4.7	4	2.68	8.8
555622		2.46	0.005	<0.01	0.02	11.4	<10	0.48	0.03	0.96	0.04	3.53	3.9	2	0.41	2.1
555623		2.40	<0.001	<0.01	0.02	2.1	<10	0.51	0.03	1.02	0.02	3.45	5.1	2	0.44	2.0
555624		2.26	0.004	0.01	0.04	0.7	<10	0.33	0.02	1.21	0.07	6.18	5.4	4	0.74	1.5
555625		2.05	0.306	0.02	0.08	1.4	<10	0.44	0.02	1.25	0.09	12.50	5.3	4	1.03	2.1
555626		0.22	0.001	<0.01	0.12	0.2	20	0.06	0.03	32.7	<0.02	0.98	1.1	2	<0.05	6.5
555627		2.77	0.001	0.02	0.06	2.0	20	0.60	0.02	1.11	<0.02	6.12	4.5	4	1.06	1.3
555628		2.67	0.003	0.01	0.07	0.7	<10	0.46	0.03	1.83	0.02	8.77	4.1	3	1.84	0.9
555629		2.07	<0.001	0.01	0.04	1.0	10	0.42	0.02	1.45	0.03	5.42	4.1	3	1.12	1.0
555630		2.80	<0.001	0.01	0.03	0.3	<10	0.42	0.02	1.39	0.06	5.99	3.7	3	0.61	1.0
555631		2.50	<0.001	0.02	0.04	0.9	<10	0.36	0.02	1.46	0.07	7.12	3.0	3	0.78	0.7
555632		2.32	<0.001	0.01	0.03	1.6	<10	0.24	0.02	1.53	0.08	8.40	3.4	1	0.40	1.2
555633		2.39	<0.001	0.02	0.49	1.8	<10	0.63	0.03	1.26	0.05	12.80	7.8	15	0.41	3.9
555634		2.38	0.003	0.12	0.75	34.4	20	0.73	0.06	1.86	0.42	17.65	14.9	22	4.58	12.0
555635		3.50	0.342	0.20	1.12	0.8	50	0.61	0.08	4.08	0.37	20.1	7.9	30	0.89	26.3
555636		2.25	0.007	0.05	0.49	0.6	10	0.21	0.02	1.82	0.14	11.80	4.6	14	0.79	3.5
555637		2.65	0.004	0.07	0.75	11.7	10	0.30	0.02	1.95	0.13	16.55	6.6	19	1.02	7.3
555638		2.22	0.005	0.02	0.57	3.3	10	0.23	0.02	1.27	0.09	15.45	8.4	15	0.92	3.2
555639		0.07	7.64	1.35	6.34	34.3	320	0.99	0.52	3.01	0.09	31.9	40.9	327	0.70	116.5
555640		2.57	0.042	0.03	0.20	0.3	10	0.27	0.02	1.63	0.12	6.28	3.7	3	0.71	9.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233807

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555621		25.5	0.75	0.05	<0.1	<0.005	0.009	0.05	2.7	1.0	4.11	6810	0.11	0.01	0.4	1.2
555622		28.4	0.16	0.06	<0.1	<0.005	<0.005	0.01	2.2	0.4	3.92	6210	0.07	<0.01	0.5	1.0
555623		27.6	0.15	<0.05	<0.1	<0.005	<0.005	0.01	2.2	0.3	4.09	6110	0.10	<0.01	0.5	1.1
555624		26.8	0.25	<0.05	<0.1	<0.005	0.005	0.02	4.1	0.4	3.71	12150	0.07	<0.01	0.7	1.2
555625		28.3	0.35	0.05	<0.1	<0.005	<0.005	0.02	8.1	0.5	4.01	10950	0.10	<0.01	0.8	1.2
555626		0.42	0.30	0.05	0.1	<0.005	<0.005	0.01	1.0	0.9	1.54	157	<0.05	0.06	0.1	0.6
555627		26.8	0.33	0.05	0.1	<0.005	<0.005	0.02	4.2	0.5	3.51	11600	0.12	<0.01	1.3	1.2
555628		26.0	0.38	0.05	<0.1	<0.005	<0.005	0.03	6.0	0.5	3.71	10300	0.06	0.01	0.8	1.1
555629		29.1	0.28	0.05	<0.1	<0.005	<0.005	0.02	3.6	0.3	4.06	10150	0.07	<0.01	0.3	1.0
555630		27.8	0.22	0.05	<0.1	<0.005	<0.005	0.01	3.9	0.3	4.01	9840	0.05	<0.01	0.3	0.9
555631		25.4	0.23	0.05	<0.1	<0.005	<0.005	0.01	4.4	0.4	3.91	7800	0.09	<0.01	0.5	1.0
555632		30.2	0.21	0.06	<0.1	<0.005	0.006	0.01	4.9	0.4	4.55	10200	<0.05	<0.01	0.7	1.4
555633		24.3	1.78	0.06	0.3	<0.005	0.010	0.03	6.5	3.1	3.07	14600	0.31	<0.01	2.7	8.6
555634		22.1	2.31	0.06	0.6	<0.005	0.015	0.37	8.6	6.4	2.85	13950	0.54	<0.01	5.2	15.8
555635		17.40	3.47	0.05	0.7	0.018	0.026	0.41	9.8	7.2	2.46	9790	1.57	0.01	5.3	19.0
555636		19.10	1.61	<0.05	0.4	<0.005	0.013	0.04	5.5	4.1	2.44	11050	0.23	<0.01	3.7	6.0
555637		22.8	2.71	0.06	0.5	<0.005	0.021	0.04	8.4	6.0	2.99	13100	0.59	<0.01	4.3	9.9
555638		21.6	2.19	0.05	0.5	<0.005	0.016	0.04	8.0	4.5	2.71	12150	0.36	<0.01	4.1	10.6
555639		5.73	14.95	0.12	2.4	0.165	0.042	1.13	16.2	15.3	4.14	774	6.06	1.23	16.5	259
555640		28.3	0.69	0.05	0.1	<0.005	0.009	0.06	3.9	2.0	3.75	10400	0.11	<0.01	0.6	4.6

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Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233807

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555621		50	1.5	3.1	<0.002	0.60	0.27	0.2	1	<0.2	97.6	<0.05	1.64	0.06	<0.005	0.03
555622		70	<0.5	0.6	<0.002	0.02	0.08	0.1	<1	0.2	17.7	<0.05	<0.05	0.11	<0.005	<0.02
555623		90	<0.5	0.5	<0.002	0.01	0.14	0.1	<1	0.2	18.1	<0.05	<0.05	0.04	<0.005	<0.02
555624		150	<0.5	1.0	<0.002	0.02	0.09	0.2	<1	<0.2	22.9	<0.05	<0.05	0.09	0.005	<0.02
555625		250	0.5	1.1	<0.002	0.08	0.07	0.2	<1	<0.2	25.2	<0.05	<0.05	0.06	<0.005	<0.02
555626		80	<0.5	0.3	<0.002	0.06	0.05	0.4	1	<0.2	78.3	<0.05	<0.05	0.06	0.012	<0.02
555627		190	0.5	1.3	<0.002	0.02	0.09	0.2	<1	<0.2	15.7	<0.05	<0.05	0.12	0.007	<0.02
555628		150	0.5	2.0	<0.002	0.01	0.12	0.2	<1	<0.2	28.3	<0.05	<0.05	0.09	<0.005	<0.02
555629		130	<0.5	1.1	<0.002	0.06	0.09	0.1	<1	<0.2	23.4	<0.05	0.05	0.04	<0.005	<0.02
555630		180	<0.5	0.6	<0.002	0.15	0.07	0.1	<1	<0.2	22.8	<0.05	<0.05	0.05	<0.005	<0.02
555631		150	<0.5	0.8	<0.002	0.04	0.35	0.2	<1	<0.2	28.2	<0.05	<0.05	0.06	<0.005	<0.02
555632		150	0.5	0.5	<0.002	0.09	0.14	0.2	<1	<0.2	29.8	<0.05	<0.05	0.08	<0.005	<0.02
555633		330	1.0	1.3	<0.002	0.14	0.18	1.2	<1	<0.2	24.4	0.12	<0.05	0.51	0.041	0.04
555634		390	6.0	27.8	<0.002	1.24	0.49	2.3	1	0.3	72.2	0.29	0.07	0.93	0.088	0.42
555635		460	8.1	14.6	0.002	2.07	1.15	3.4	1	0.5	178.5	0.34	0.11	1.12	0.126	0.20
555636		360	0.9	3.3	<0.002	0.18	0.15	1.3	<1	0.2	47.9	0.28	<0.05	0.84	0.060	0.11
555637		480	3.0	3.5	<0.002	0.40	0.45	2.2	1	0.2	53.2	0.29	<0.05	0.83	0.084	0.11
555638		370	1.1	2.9	<0.002	0.19	0.26	1.7	1	<0.2	30.8	0.26	<0.05	0.79	0.067	0.11
555639		1150	10.0	39.1	<0.002	0.08	0.86	20.3	1	1.0	286	0.93	0.26	2.34	0.695	0.19
555640		230	1.4	3.1	<0.002	0.61	0.14	0.5	1	<0.2	50.9	0.05	<0.05	0.12	0.005	0.11

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QUEBEC QC G1K 7R1

Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233807

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555621		<0.1	13	0.1	7.5	33	2.3
555622		<0.1	12	0.1	4.9	9	2.0
555623		<0.1	13	0.1	5.1	7	1.9
555624		0.1	7	0.2	4.3	14	2.2
555625		0.1	8	0.1	5.9	21	2.3
555626		0.1	3	<0.1	2.5	3	1.8
555627		0.1	8	0.1	5.4	5	2.7
555628		0.1	10	0.1	6.4	8	2.7
555629		<0.1	8	0.1	5.6	7	1.6
555630		0.1	5	0.1	4.6	13	1.7
555631		0.1	6	0.1	4.3	14	2.1
555632		0.1	8	0.1	4.7	18	4.0
555633		0.5	30	0.2	5.0	9	11.8
555634		1.0	48	0.2	5.5	37	25.9
555635		1.7	60	0.4	7.9	60	32.3
555636		0.3	34	0.3	4.7	23	18.6
555637		0.6	48	0.3	6.2	30	22.7
555638		0.5	35	0.2	5.0	24	20.2
555639		0.6	150	8.8	15.5	88	97.5
555640		0.1	10	0.1	4.8	26	3.5

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CERTIFICAT D'ANALYSE VO18233807

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 30-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18233809

Projet: Kan

Bon de commande #: KANDH18-RUSH-045

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

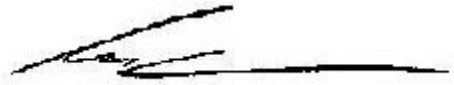
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233809

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555641		2.29	0.177	0.07	0.19	1.6	10	0.24	0.01	1.37	0.09	5.87	4.3	2	1.08	13.4
555642		2.23	0.075	0.17	0.54	368	20	0.23	0.02	2.49	0.18	5.65	11.7	3	2.31	39.5
555643		2.20	0.179	0.42	0.68	214	10	0.17	0.03	6.12	0.29	7.54	18.8	3	3.16	110.5
555644		2.03	<0.001	0.07	1.04	9.6	20	0.29	0.02	1.16	0.16	15.75	10.3	26	0.58	16.5
555645		2.51	<0.001	0.03	0.81	5.7	<10	0.36	0.01	1.34	0.11	16.30	8.2	20	0.09	5.5
555646		0.24	<0.001	<0.01	0.08	<0.2	20	0.09	<0.01	33.4	0.02	0.99	0.6	2	<0.05	0.8
555647		2.11	<0.001	0.03	0.39	4.9	<10	0.34	0.01	3.80	0.09	12.90	4.6	10	0.07	4.0
555648		1.85	<0.001	0.01	0.32	3.1	<10	0.47	0.01	6.29	0.02	10.20	4.2	9	0.07	2.6
555649		2.43	<0.001	0.01	0.68	11.5	<10	0.41	0.02	1.97	0.07	14.10	8.6	15	0.78	4.0
555650		2.48	0.830	0.02	1.26	1.2	10	0.41	0.06	2.01	0.22	24.8	9.1	30	2.55	15.8
555651		2.28	0.386	0.02	0.41	629	10	0.30	0.04	6.39	0.23	10.85	6.2	10	5.28	9.2
555652		2.49	0.067	0.04	0.08	4.9	10	0.24	0.01	1.27	0.10	9.54	3.2	5	1.63	2.7
555653		2.21	0.213	0.01	0.12	3.3	10	0.18	0.02	1.25	0.09	5.91	4.9	7	2.92	6.1
555654		2.41	0.161	<0.01	0.20	2.4	10	0.21	0.01	1.34	0.13	8.13	3.7	3	2.11	5.8
555655		2.54	0.035	0.01	0.13	0.2	10	0.21	0.01	1.87	0.13	8.54	2.9	3	0.96	2.0
555656		2.40	<0.001	<0.01	0.07	<0.2	<10	0.22	<0.01	1.19	0.08	6.61	3.0	4	1.29	2.4
555657		2.51	<0.001	0.01	0.07	0.3	10	0.34	<0.01	1.48	0.07	7.42	4.2	3	1.96	4.5
555658		2.42	0.002	0.02	0.07	0.6	10	0.22	<0.01	1.23	0.07	4.84	4.2	4	2.42	5.1
555659		0.07	0.673	0.19	6.99	20.0	320	1.40	0.13	4.17	0.17	50.7	41.3	178	1.83	52.2
555660		2.56	<0.001	0.02	0.05	0.2	10	0.29	0.01	1.32	0.05	5.33	5.2	3	1.50	3.5

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QUEBEC QC G1K 7R1

Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233809

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555641		26.7	0.81	<0.05	0.1	<0.005	0.016	0.08	3.8	2.4	3.40	8660	0.11	<0.01	0.6	9.3
555642		23.3	1.97	<0.05	0.1	0.006	0.038	0.17	3.4	7.2	3.89	5560	0.10	<0.01	0.8	24.0
555643		19.80	2.41	<0.05	0.1	0.010	0.044	0.34	4.2	12.6	3.74	5800	0.14	<0.01	1.1	79.5
555644		18.90	4.02	<0.05	0.8	0.007	0.020	0.10	8.5	7.3	2.43	13500	0.45	<0.01	6.2	26.0
555645		22.3	3.22	<0.05	0.6	<0.005	0.018	0.01	9.0	5.0	2.77	15350	0.32	<0.01	5.7	12.2
555646		0.19	0.31	<0.05	0.1	0.005	0.006	0.01	1.2	0.9	1.26	138	<0.05	0.04	0.2	<0.2
555647		18.25	1.86	<0.05	0.3	<0.005	0.014	<0.01	6.4	2.2	3.02	11300	0.24	<0.01	2.8	6.7
555648		13.80	1.44	<0.05	0.3	<0.005	0.008	<0.01	5.1	1.5	3.33	7440	0.23	<0.01	2.4	5.1
555649		20.9	2.90	<0.05	0.5	<0.005	0.015	0.01	7.3	2.9	2.91	13250	0.34	<0.01	5.1	13.0
555650		26.9	5.25	0.05	1.1	0.018	0.034	0.10	14.7	6.3	3.78	14800	0.35	<0.01	7.3	19.7
555651		19.30	1.65	<0.05	0.3	0.010	0.015	0.08	6.2	1.8	4.06	7970	0.15	0.02	1.9	5.5
555652		26.2	0.46	<0.05	<0.1	<0.005	0.008	0.02	5.5	0.7	4.03	4570	0.09	0.01	0.4	1.1
555653		20.4	0.50	<0.05	<0.1	0.009	0.006	0.04	3.5	0.6	3.26	3640	0.12	0.01	0.4	1.4
555654		25.3	0.99	<0.05	<0.1	<0.005	0.009	0.03	5.0	1.2	3.79	6140	0.11	0.01	0.3	1.0
555655		23.6	0.68	<0.05	<0.1	<0.005	0.006	0.03	5.4	1.6	3.73	6880	0.10	<0.01	0.3	0.8
555656		21.8	0.46	<0.05	<0.1	<0.005	<0.005	0.02	4.4	0.5	3.28	6050	0.10	0.01	0.2	0.9
555657		25.5	0.47	<0.05	<0.1	<0.005	<0.005	0.02	5.0	0.5	3.89	6010	0.10	0.01	0.4	1.1
555658		25.4	0.39	<0.05	<0.1	<0.005	<0.005	0.03	3.3	0.4	3.79	4500	0.11	0.01	0.4	1.2
555659		6.98	19.15	0.05	3.7	0.026	0.065	0.85	23.0	13.9	2.80	902	1.78	1.62	19.9	136.0
555660		28.4	0.36	<0.05	<0.1	<0.005	<0.005	0.02	3.6	0.5	4.22	5520	0.08	0.01	0.4	1.4

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CERTIFICAT D'ANALYSE VO18233809

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555641		190	1.3	4.5	<0.002	0.96	0.17	0.4	1	<0.2	40.1	0.05	0.06	0.14	<0.005	0.26
555642		80	2.4	10.6	<0.002	2.46	0.29	0.9	1	0.2	95.4	0.11	0.35	0.25	0.005	0.59
555643		50	5.0	23.3	<0.002	6.67	0.38	1.4	4	0.2	293	0.15	0.47	0.17	0.007	0.93
555644		410	4.6	6.1	<0.002	1.23	0.56	3.1	1	0.2	43.8	0.36	0.07	1.20	0.138	0.16
555645		560	1.8	0.3	<0.002	0.31	0.22	2.7	1	<0.2	31.0	0.34	<0.05	0.89	0.119	0.02
555646		60	0.5	0.4	<0.002	<0.01	<0.05	0.2	1	<0.2	83.0	<0.05	<0.05	0.08	0.005	<0.02
555647		490	1.4	0.3	<0.002	0.35	0.16	1.4	1	<0.2	73.8	0.19	<0.05	0.59	0.052	<0.02
555648		330	1.3	0.1	<0.002	0.07	0.13	1.0	<1	<0.2	80.9	0.16	<0.05	0.49	0.041	<0.02
555649		420	1.6	0.8	<0.002	0.21	0.16	2.1	1	<0.2	33.9	0.33	0.06	0.87	0.096	0.02
555650		660	2.5	7.4	<0.002	1.45	0.31	4.0	1	0.2	58.3	0.46	0.08	1.73	0.172	0.34
555651		240	2.1	4.4	<0.002	0.66	0.29	1.1	1	<0.2	141.5	0.11	0.80	0.37	0.033	0.07
555652		100	0.6	1.2	<0.002	0.14	0.09	0.2	<1	<0.2	28.6	<0.05	<0.05	0.06	<0.005	<0.02
555653		100	0.8	2.0	<0.002	0.37	0.19	0.1	<1	<0.2	31.8	<0.05	<0.05	0.03	<0.005	<0.02
555654		140	0.8	1.8	<0.002	0.37	0.10	0.2	1	<0.2	32.4	<0.05	<0.05	0.08	<0.005	0.03
555655		140	0.9	2.0	<0.002	0.14	0.09	0.3	<1	<0.2	49.6	<0.05	<0.05	0.08	<0.005	0.08
555656		80	0.6	0.8	<0.002	0.09	0.08	0.1	<1	<0.2	27.5	<0.05	<0.05	0.06	<0.005	<0.02
555657		170	0.7	1.2	<0.002	0.18	0.07	0.1	<1	0.2	31.5	<0.05	<0.05	0.07	<0.005	<0.02
555658		100	0.6	1.4	<0.002	0.22	0.06	0.1	1	0.2	24.5	<0.05	<0.05	0.04	<0.005	<0.02
555659		1110	12.8	39.4	<0.002	0.02	1.00	19.9	<1	1.6	335	1.15	0.05	5.07	0.883	0.18
555660		100	0.7	0.9	<0.002	0.17	0.07	0.1	<1	<0.2	24.3	<0.05	<0.05	0.06	<0.005	<0.02

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QUEBEC QC G1K 7R1

Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233809

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555641		0.1	9	0.1	4.1	39	3.6
555642		0.1	18	0.1	4.2	92	4.8
555643		0.1	19	0.1	5.6	90	5.3
555644		0.8	87	0.3	5.1	63	33.9
555645		0.6	73	0.3	5.4	36	28.3
555646		0.2	1	<0.1	2.2	3	1.9
555647		0.3	33	0.2	4.8	18	14.0
555648		0.2	25	0.1	4.7	8	11.8
555649		0.5	53	0.2	5.9	19	25.3
555650		1.4	80	0.7	9.1	69	50.4
555651		0.4	21	0.3	7.2	43	11.5
555652		0.1	13	0.1	4.6	21	3.6
555653		<0.1	10	0.1	4.0	20	2.1
555654		0.1	13	0.1	4.4	33	2.7
555655		<0.1	8	0.1	5.6	31	2.2
555656		<0.1	5	0.1	3.9	17	1.9
555657		<0.1	8	0.1	4.5	15	2.6
555658		<0.1	8	0.1	3.8	14	1.7
555659		1.1	142	1.8	19.2	126	145.0
555660		<0.1	8	0.1	4.4	13	2.0

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CERTIFICAT D'ANALYSE VO18233809

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 30-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18233811

Projet: Kan

Bon de commande #: KANDH18-RUSH-046

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

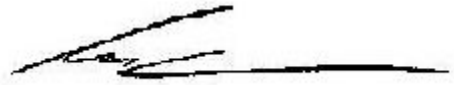
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233811

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555661		2.36	<0.001	0.01	0.04	0.3	10	0.32	<0.01	1.39	0.04	6.08	4.0	5	1.02	2.0
555662		2.58	<0.001	0.09	0.16	173.0	10	0.20	0.04	1.55	0.06	9.54	9.7	6	2.20	11.4
555663		2.34	<0.001	0.01	0.07	0.3	10	0.27	<0.01	1.46	0.06	5.05	3.5	6	1.61	2.2
555664		2.61	<0.001	0.01	0.09	0.5	10	0.31	<0.01	1.58	0.07	3.97	4.1	6	2.03	2.5
555665		2.72	<0.001	0.02	0.15	0.6	10	0.31	<0.01	1.14	0.05	3.93	4.0	7	1.84	4.3
555666		0.21	<0.001	0.01	0.09	0.5	20	0.08	0.12	32.1	<0.02	1.19	0.9	2	0.06	2.0
555667		2.34	<0.001	0.05	0.17	1.5	10	0.33	0.01	1.43	0.07	7.40	6.5	14	1.36	11.1
555668		2.37	<0.001	0.01	0.07	1.3	10	0.31	0.01	1.32	0.03	10.55	3.0	8	1.50	1.5
555669		2.68	<0.001	0.02	0.23	1.1	10	0.49	0.02	2.29	0.04	11.70	5.0	10	3.38	3.6
555670		2.28	<0.001	0.01	0.15	4.1	10	0.19	0.01	5.43	0.06	9.59	3.3	12	0.83	2.8
555671		2.51	<0.001	0.02	0.21	3.0	10	0.30	0.02	6.87	0.15	11.00	3.4	13	1.50	3.0
555672		2.24	0.004	0.07	0.39	3.1	<10	0.18	0.04	4.18	0.19	10.25	6.3	16	0.77	18.2
555673		2.39	0.003	0.04	0.41	0.4	10	0.37	0.03	8.58	0.21	16.30	3.8	10	0.09	11.6
555674		1.63	0.003	0.05	0.28	11.2	<10	0.21	0.05	4.57	0.15	17.85	6.5	17	0.10	13.1
555675		1.97	0.055	0.49	3.16	2.9	30	0.66	0.40	0.33	0.08	55.2	27.3	52	0.43	128.0
555676		3.52	0.059	0.03	0.34	46.4	<10	0.20	0.02	7.92	0.23	11.95	3.2	8	0.16	6.8
555677		2.35	0.083	0.01	0.20	20.6	10	0.18	0.02	8.27	0.15	10.45	3.4	7	1.79	4.8
555678		2.23	<0.001	0.01	0.20	<0.2	10	0.25	0.01	8.12	0.15	10.65	3.4	11	2.55	3.2
555679		0.07	2.53	0.43	6.76	11.9	320	1.14	0.18	4.70	0.07	43.0	52.9	305	0.67	82.4
555680		2.39	0.001	0.01	0.23	0.2	20	0.41	0.02	4.03	0.06	13.80	5.8	9	5.71	5.1

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CERTIFICAT D'ANALYSE VO18233811

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555661		26.0	0.38	<0.05	<0.1	<0.005	<0.005	0.02	4.2	0.5	4.07	6880	0.05	0.01	0.4	2.4
555662		26.2	0.87	<0.05	0.1	0.015	0.007	0.03	5.5	0.7	3.98	7710	0.16	0.01	1.4	6.1
555663		23.0	0.43	<0.05	0.1	<0.005	<0.005	0.02	3.2	0.5	3.87	5540	0.08	0.01	0.4	1.9
555664		24.3	0.48	<0.05	0.1	0.005	0.006	0.03	2.5	0.6	4.22	5030	0.09	0.01	0.6	2.3
555665		21.6	0.80	<0.05	0.1	<0.005	0.007	0.02	2.5	0.8	3.56	4680	0.08	0.01	0.5	1.9
555666		0.39	0.33	<0.05	0.1	<0.005	<0.005	0.02	1.4	21.9	1.61	134	0.26	0.03	0.1	1.1
555667		23.7	0.81	<0.05	0.1	<0.005	0.007	0.02	4.8	0.9	3.59	5700	0.13	0.01	1.0	4.2
555668		20.3	0.54	<0.05	<0.1	<0.005	<0.005	0.02	6.4	0.5	2.81	6700	0.16	0.01	0.7	5.2
555669		22.0	1.46	<0.05	0.1	<0.005	0.007	0.04	7.1	1.1	3.04	6750	0.36	0.01	1.7	4.7
555670		16.85	1.01	<0.05	0.2	<0.005	0.005	0.01	5.4	1.0	3.60	4750	0.35	<0.01	1.7	5.1
555671		18.25	1.29	<0.05	0.1	<0.005	0.007	0.02	6.1	1.4	4.23	5000	0.54	0.01	1.6	4.7
555672		14.30	1.89	<0.05	0.2	<0.005	0.016	0.02	5.7	6.4	2.88	4010	1.35	0.01	1.5	6.7
555673		20.5	2.76	<0.05	0.2	0.006	0.015	0.01	10.2	8.1	5.29	5350	0.95	<0.01	1.9	5.8
555674		13.05	1.64	<0.05	0.2	0.013	0.007	0.01	11.2	4.7	2.93	3610	2.56	<0.01	2.8	7.8
555675		20.3	15.30	0.07	2.2	0.057	0.034	0.14	31.0	51.7	1.53	703	22.1	0.01	11.8	39.6
555676		16.10	1.90	<0.05	0.1	0.009	0.016	0.01	6.7	6.2	4.27	5050	0.52	<0.01	0.8	3.7
555677		15.90	1.06	0.06	0.1	0.006	0.008	0.02	5.7	1.4	4.09	4950	0.46	0.01	1.0	4.4
555678		14.15	1.07	0.05	0.1	0.007	0.007	0.03	5.9	1.5	3.79	4390	0.42	0.02	1.1	5.9
555679		7.37	17.80	0.10	3.2	0.048	0.060	0.97	21.5	8.9	5.53	1060	2.93	1.96	29.1	355
555680		23.2	1.59	0.09	0.1	0.008	0.006	0.06	8.2	1.0	3.67	6110	0.47	0.02	1.8	5.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233811

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555661		100	0.5	0.7	<0.002	0.01	0.05	0.2	<1	<0.2	25.2	<0.05	<0.05	0.11	<0.005	<0.02
555662		270	1.6	1.4	<0.002	0.56	0.26	0.5	1	<0.2	31.2	0.07	0.10	0.35	0.019	<0.02
555663		100	0.6	0.9	<0.002	0.02	0.07	0.2	<1	0.2	30.9	<0.05	<0.05	0.08	<0.005	<0.02
555664		50	0.7	1.1	<0.002	0.05	0.13	0.2	<1	0.2	31.5	<0.05	<0.05	0.09	0.005	<0.02
555665		90	0.6	1.1	<0.002	0.26	0.12	0.3	<1	<0.2	22.9	<0.05	<0.05	0.09	0.005	<0.02
555666		80	0.5	0.6	<0.002	0.01	0.38	0.3	1	<0.2	78.7	<0.05	0.07	0.08	0.007	<0.02
555667		220	1.1	0.9	<0.002	0.75	0.13	0.4	1	0.2	26.4	0.06	0.06	0.14	0.009	0.02
555668		470	0.8	0.9	<0.002	0.04	0.71	0.2	1	<0.2	19.9	<0.05	<0.05	0.09	<0.005	<0.02
555669		290	1.4	1.8	<0.002	0.26	0.22	0.5	<1	<0.2	36.0	0.09	<0.05	0.26	0.013	<0.02
555670		110	1.8	0.5	<0.002	0.16	0.26	0.4	1	<0.2	72.2	0.10	<0.05	0.29	0.013	0.02
555671		130	2.3	1.2	<0.002	0.26	0.25	0.6	<1	<0.2	122.0	0.09	0.05	0.32	0.014	0.04
555672		160	2.6	1.0	<0.002	0.99	0.27	1.0	1	<0.2	83.4	0.11	0.17	0.35	0.019	0.05
555673		130	3.6	0.3	<0.002	0.59	0.25	1.0	1	<0.2	137.0	0.12	0.08	0.48	0.025	0.03
555674		800	4.0	0.5	0.003	0.81	0.54	0.7	1	0.2	82.1	0.15	0.10	0.44	0.022	0.06
555675		500	14.3	4.5	0.016	6.90	2.87	7.7	6	0.5	12.7	0.61	1.21	3.83	0.240	0.40
555676		100	2.7	0.3	<0.002	0.38	0.22	0.7	1	0.2	155.5	0.06	0.09	0.24	0.010	0.03
555677		200	2.7	1.2	<0.002	0.26	0.17	0.6	<1	<0.2	161.5	0.07	<0.05	0.24	0.011	0.03
555678		90	2.8	1.6	<0.002	0.11	0.17	0.6	<1	<0.2	176.0	0.07	<0.05	0.22	0.015	0.02
555679		1880	5.0	31.3	<0.002	0.03	0.32	22.1	<1	1.2	478	1.58	0.07	2.80	1.050	0.06
555680		220	2.1	2.9	<0.002	0.37	0.17	0.6	<1	<0.2	64.3	0.09	0.06	0.27	0.017	0.03

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Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233811

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555661		<0.1	7	0.1	4.5	9	1.7
555662		0.1	12	0.8	5.2	16	5.9
555663		0.1	7	0.1	4.2	17	3.1
555664		<0.1	8	0.2	4.1	17	3.1
555665		<0.1	12	0.1	3.5	15	2.7
555666		0.1	2	<0.1	2.1	7	2.0
555667		0.1	14	0.2	4.6	21	4.3
555668		0.1	10	0.1	5.3	8	2.4
555669		0.3	25	0.2	6.1	12	7.2
555670		0.3	21	0.1	5.6	13	7.3
555671		0.4	26	0.2	7.0	22	7.6
555672		0.5	28	0.1	5.4	44	9.0
555673		0.6	43	0.2	9.3	43	12.2
555674		1.2	21	0.6	7.3	29	8.9
555675		8.3	142	0.4	11.0	192	97.1
555676		0.3	25	0.2	7.6	41	5.3
555677		0.3	16	0.1	7.4	21	5.5
555678		0.2	17	0.1	8.3	16	5.9
555679		0.6	149	3.0	21.4	107	142.5
555680		0.3	23	0.2	6.4	13	7.5

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CERTIFICAT D'ANALYSE VO18233811

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 1-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233813

Projet: Kan

Bon de commande #: KANDH18-RUSH-047

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

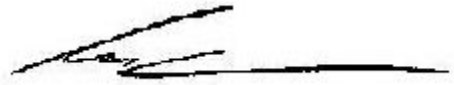
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 1-OCT-2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18233813

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555681		2.40	<0.001	0.02	0.18	2.5	20	0.27	0.03	3.21	0.06	12.05	5.3	9	5.49	5.5
555682		2.51	<0.001	0.01	0.45	3.3	10	0.24	0.02	6.17	0.06	7.83	4.9	12	4.52	3.1
555683		2.32	<0.001	0.01	0.61	2.5	20	0.57	0.03	2.60	0.07	25.6	6.9	13	8.25	4.3
555684		2.46	0.003	0.01	0.23	1.6	20	0.30	0.02	0.96	0.05	11.25	4.8	10	5.76	4.3
555685		2.39	<0.001	0.01	0.32	1.5	20	0.33	0.02	1.54	0.06	12.30	5.5	14	8.62	2.6
555686		0.22	<0.001	<0.01	0.05	<0.2	10	<0.05	0.01	33.3	<0.02	0.92	0.5	2	<0.05	0.7
555687		2.20	0.012	0.02	0.04	75.1	<10	0.22	0.01	1.02	0.04	3.53	3.5	9	1.34	2.7
555688		2.30	0.846	0.03	0.13	1.2	10	0.27	0.02	2.30	0.12	5.53	4.1	5	4.66	5.4
555689		2.45	0.616	0.01	0.13	11.6	10	0.27	0.01	1.54	0.08	6.17	3.4	17	5.29	3.9
555690		2.65	0.545	0.02	0.17	6.9	20	0.38	0.01	1.49	0.05	9.53	4.5	6	7.43	5.0
555691		2.64	<0.001	<0.01	0.13	0.6	10	0.31	0.01	2.07	0.07	5.78	3.6	6	5.73	1.7
555692		2.33	<0.001	<0.01	0.31	2.4	30	0.45	0.01	4.85	0.08	9.37	6.7	9	12.40	2.0
555693		2.60	<0.001	0.01	0.75	3.9	30	0.56	0.02	2.43	0.05	17.80	7.3	18	14.25	3.6
555694		2.59	<0.001	0.02	0.80	25.9	20	0.86	0.03	2.31	0.02	19.25	7.5	20	8.34	4.8
555695		2.43	<0.001	0.02	0.69	5.8	20	0.96	0.04	3.19	<0.02	15.85	8.2	23	6.59	4.6
555696		2.39	<0.001	0.01	0.22	3.1	10	0.71	0.02	2.30	<0.02	13.15	6.0	8	1.88	1.6
555697		2.43	0.006	0.05	0.24	1.0	10	0.75	0.02	3.03	<0.02	13.20	5.5	8	2.38	2.1
555698		2.33	<0.001	0.04	0.17	3.9	10	0.67	0.02	2.98	<0.02	9.28	5.3	8	4.10	2.2
555699		0.07	7.62	1.33	6.27	33.9	320	0.91	0.51	2.99	0.09	31.4	40.7	334	0.70	114.5
555700		2.32	0.002	0.01	0.24	12.5	10	0.75	0.03	1.89	<0.02	9.90	4.7	9	5.77	2.9

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Projet: Kan

CERTIFICAT D'ANALYSE VO18233813

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555681		22.2	1.03	0.05	0.1	<0.005	0.005	0.06	6.9	0.9	3.51	5820	0.36	0.02	1.1	5.5
555682		17.55	2.00	<0.05	0.2	<0.005	0.005	0.05	4.8	1.8	3.60	6010	1.07	0.02	1.3	4.2
555683		26.9	2.59	0.06	0.6	0.005	0.013	0.08	13.8	2.0	3.72	12950	0.55	0.03	5.7	7.3
555684		23.3	0.90	<0.05	0.1	<0.005	0.006	0.06	6.3	0.7	2.77	11300	0.37	0.02	1.2	4.4
555685		24.8	1.20	0.05	0.2	<0.005	0.008	0.09	6.7	0.9	3.63	9360	0.33	0.03	2.3	5.8
555686		0.20	0.14	0.05	<0.1	<0.005	<0.005	0.01	1.1	0.7	1.06	120	<0.05	0.02	0.1	<0.2
555687		16.70	0.19	0.05	<0.1	<0.005	<0.005	0.01	2.1	0.3	2.77	4810	0.08	0.01	0.5	2.1
555688		25.0	0.52	0.05	0.1	0.032	0.006	0.05	3.2	0.5	4.42	5870	0.08	0.02	0.9	1.9
555689		24.3	0.55	<0.05	0.1	<0.005	0.005	0.05	3.7	0.5	4.10	5950	0.10	0.02	0.8	1.8
555690		24.7	0.66	0.06	0.1	0.005	0.005	0.08	5.7	0.6	4.04	7050	0.15	0.03	1.6	3.4
555691		23.8	0.46	<0.05	<0.1	<0.005	<0.005	0.06	3.4	0.6	4.27	6620	0.08	0.02	0.6	1.6
555692		21.2	1.06	0.05	0.1	0.006	0.006	0.12	5.4	1.1	4.24	8210	0.22	0.04	1.5	4.8
555693		28.8	2.59	0.06	0.4	0.012	0.013	0.14	9.9	2.3	4.39	13700	0.27	0.05	3.5	7.7
555694		27.8	2.66	0.08	0.4	0.024	0.013	0.09	10.2	2.8	4.22	13800	0.35	0.03	3.8	8.5
555695		21.5	2.41	0.05	0.5	0.020	0.011	0.07	8.2	2.5	3.68	9510	0.35	0.03	4.6	10.0
555696		23.4	0.79	0.05	0.1	0.011	0.006	0.02	6.8	1.0	3.79	10500	0.33	0.01	3.0	4.7
555697		24.9	0.86	0.05	0.1	0.011	0.005	0.03	7.0	1.2	4.25	10650	0.37	0.01	3.6	4.4
555698		21.7	0.69	<0.05	0.1	0.013	0.005	0.04	5.0	0.8	3.93	8700	0.24	0.02	2.4	3.6
555699		5.71	14.70	0.11	2.4	0.160	0.046	1.10	16.1	15.1	4.11	768	6.01	1.22	16.6	256
555700		23.4	1.04	0.05	0.1	0.009	0.006	0.06	5.7	0.9	3.63	10250	0.24	0.02	2.3	4.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233813

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555681		250	1.5	2.6	<0.002	0.40	0.36	0.4	1	<0.2	54.7	0.05	<0.05	0.28	0.011	0.02
555682		200	1.7	2.1	<0.002	0.16	0.23	0.7	<1	<0.2	91.7	0.08	<0.05	0.53	0.020	0.02
555683		810	1.7	3.8	0.002	0.30	0.29	1.4	1	<0.2	43.7	0.26	0.05	1.13	0.043	0.02
555684		430	0.7	2.6	<0.002	0.27	0.14	0.5	1	<0.2	16.4	0.06	<0.05	0.33	0.016	<0.02
555685		360	1.2	3.8	<0.002	0.13	0.17	0.8	<1	<0.2	28.6	0.10	<0.05	0.44	0.030	<0.02
555686		60	<0.5	0.1	<0.002	<0.01	0.06	0.1	1	<0.2	82.6	<0.05	<0.05	0.06	<0.005	<0.02
555687		80	0.5	0.6	<0.002	0.04	0.07	0.2	<1	0.2	18.2	<0.05	0.07	0.06	<0.005	<0.02
555688		190	1.1	2.1	<0.002	0.32	0.07	0.3	<1	<0.2	53.3	0.05	<0.05	0.11	0.008	<0.02
555689		160	0.7	2.3	<0.002	0.24	0.08	0.3	1	<0.2	32.4	<0.05	<0.05	0.12	0.007	<0.02
555690		270	0.8	3.3	<0.002	0.20	0.13	0.4	1	<0.2	29.8	0.07	<0.05	0.24	0.019	<0.02
555691		150	0.8	2.5	<0.002	<0.01	0.10	0.2	<1	0.2	41.6	<0.05	<0.05	0.10	0.005	<0.02
555692		270	1.3	5.2	<0.002	0.05	0.30	0.7	1	0.2	69.5	0.08	<0.05	0.31	0.020	<0.02
555693		530	1.2	6.1	<0.002	0.14	0.48	2.1	<1	<0.2	36.2	0.17	<0.05	0.69	0.062	0.02
555694		630	1.6	3.7	<0.002	0.18	0.41	2.2	1	0.2	29.8	0.18	0.07	0.75	0.067	0.02
555695		530	2.1	3.0	<0.002	0.16	0.36	1.9	1	<0.2	39.1	0.22	0.06	0.85	0.073	0.02
555696		510	1.0	0.8	<0.002	0.05	0.24	0.6	1	<0.2	24.2	0.09	<0.05	0.49	0.023	<0.02
555697		420	1.1	1.1	<0.002	0.05	0.18	0.7	1	<0.2	28.7	0.12	<0.05	0.54	0.023	<0.02
555698		260	1.2	1.8	<0.002	0.06	0.23	0.5	1	<0.2	30.3	0.07	<0.05	0.42	0.016	<0.02
555699		1130	9.9	38.7	<0.002	0.08	0.82	20.1	1	1.0	284	0.94	0.25	2.32	0.685	0.19
555700		290	1.0	2.6	<0.002	0.08	0.20	0.6	<1	<0.2	20.2	0.08	<0.05	0.35	0.021	<0.02

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QUEBEC QC G1K 7R1

Finalisée date: 1-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233813

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555681		0.3	18	0.2	5.6	10	5.5
555682		0.4	22	0.2	5.6	9	6.4
555683		0.8	41	0.3	9.7	16	33.9
555684		0.3	17	0.2	4.8	12	5.8
555685		0.4	25	0.2	5.7	13	10.0
555686		0.1	1	<0.1	2.0	2	1.4
555687		0.1	6	0.2	2.6	10	1.9
555688		0.1	11	0.1	4.7	20	3.0
555689		0.1	11	0.1	3.6	18	2.9
555690		0.1	14	0.2	4.9	11	5.2
555691		0.1	10	0.1	4.9	15	2.8
555692		0.3	21	0.2	6.5	15	7.1
555693		0.6	40	0.3	8.2	15	17.1
555694		0.8	42	0.3	9.3	9	18.0
555695		0.7	46	0.2	9.1	7	21.4
555696		0.3	17	0.2	7.1	4	6.8
555697		0.3	18	0.3	7.3	5	7.4
555698		0.4	14	0.2	6.2	4	5.2
555699		0.6	148	9.0	15.2	89	95.9
555700		0.3	19	0.1	6.7	5	6.5

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CERTIFICAT D'ANALYSE VO18233813

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 30-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18233836

Projet: Kan

Bon de commande #: KANDH18-RUSH-055

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

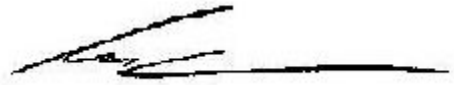
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 30-SEPT-2018
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CERTIFICAT D'ANALYSE VO18233836

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555841		1.81	<0.001	0.13	0.35	0.4	<10	0.37	0.01	1.22	0.11	9.85	4.2	6	0.55	2.2
555842		1.44	<0.001	0.08	1.23	8.9	20	0.65	0.04	1.25	0.22	19.60	10.3	27	1.24	9.1
555843		3.09	0.002	0.19	7.51	6.4	380	3.06	0.17	0.55	0.24	64.4	21.1	104	4.28	47.7
555844		2.23	<0.001	0.11	7.42	67.7	370	1.53	0.05	3.28	0.60	30.3	34.4	137	3.42	34.0
555845		2.04	<0.001	0.05	8.05	25.6	480	1.68	0.03	1.62	0.22	41.4	25.0	116	3.93	60.4
555846		0.19	<0.001	<0.01	0.15	0.4	20	0.07	<0.01	34.2	0.02	1.34	0.8	3	0.07	1.2
555847		2.05	<0.001	0.10	7.14	67.3	520	1.31	0.01	4.69	0.71	13.10	39.5	140	2.98	39.8
555848		1.23	<0.001	0.13	7.25	74.0	500	1.13	0.01	4.07	0.84	10.50	47.0	156	2.70	74.6
555849		1.82	0.001	0.13	1.00	0.5	20	0.26	0.04	8.75	0.49	12.50	7.3	17	3.57	24.1
555850		2.47	0.001	0.09	0.50	1.8	40	0.26	0.05	8.00	0.32	8.59	2.6	9	5.59	15.7
555851		2.18	0.002	0.19	0.28	1.6	10	0.10	0.15	1.73	0.08	5.96	3.5	17	0.43	28.0
555852		2.46	<0.001	0.13	0.18	0.8	20	0.14	0.05	10.00	0.39	8.24	2.8	4	1.73	25.3
555853		2.42	0.004	0.08	0.41	0.9	30	0.22	0.05	6.47	0.28	14.85	4.8	9	2.43	16.1
555854		1.25	0.013	0.19	0.80	3.6	20	0.25	0.12	4.00	0.37	13.55	8.9	18	0.28	30.8
555855		3.25	<0.001	0.38	6.22	64.6	300	1.76	0.15	2.54	0.37	39.5	14.7	76	2.38	98.0
555856		2.34	<0.001	0.26	7.89	26.8	460	2.39	0.07	2.23	0.75	42.0	19.5	109	3.43	92.6
555857		0.91	0.002	0.30	6.01	9.0	300	1.81	0.02	4.10	0.18	19.20	21.0	108	2.57	116.5
555858		2.03	<0.001	0.18	0.11	0.2	<10	0.15	0.01	2.76	0.03	10.85	1.4	13	0.05	17.6
555859		0.07	2.55	0.45	6.80	11.6	320	1.10	0.16	4.66	0.07	43.8	51.2	310	0.67	84.1
555860		2.33	<0.001	0.09	0.07	1.8	10	0.31	0.01	4.05	0.04	7.52	1.6	13	<0.05	10.1

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Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233836

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555841		26.9	1.26	<0.05	0.2	<0.005	0.006	0.03	5.7	2.9	3.52	10150	0.25	<0.01	1.7	3.9
555842		23.4	3.82	<0.05	0.7	<0.005	0.017	0.15	10.0	7.5	2.85	14350	0.43	<0.01	6.0	11.5
555843		12.30	20.6	0.05	2.2	0.011	0.057	2.66	31.9	55.0	1.99	890	2.25	0.03	16.2	48.3
555844		9.00	17.25	<0.05	1.8	<0.005	0.055	2.84	15.1	52.5	2.94	1300	1.18	0.04	4.9	92.4
555845		7.22	18.80	0.05	2.0	<0.005	0.055	3.16	21.6	52.4	2.24	557	2.57	0.05	5.1	71.9
555846		0.20	0.40	<0.05	0.1	<0.005	<0.005	0.06	1.3	1.7	1.73	110	0.07	0.03	0.2	0.7
555847		8.76	16.10	<0.05	1.5	0.005	0.067	2.42	5.6	59.4	3.68	1120	0.50	0.04	3.4	84.1
555848		9.95	16.75	<0.05	1.5	0.008	0.077	2.14	3.8	58.4	3.68	1300	0.21	0.04	3.0	91.3
555849		17.40	3.19	<0.05	0.3	<0.005	0.024	0.11	6.8	10.6	4.26	6190	0.32	<0.01	2.9	8.4
555850		13.65	1.65	<0.05	0.1	0.005	0.040	0.14	4.5	6.5	3.78	5050	0.53	<0.01	0.8	3.7
555851		10.65	1.39	<0.05	0.1	0.005	0.009	0.02	3.5	3.3	1.54	2240	1.84	<0.01	2.1	9.2
555852		16.30	0.66	<0.05	<0.1	0.007	0.024	0.04	4.1	3.0	4.60	7280	0.40	<0.01	0.5	4.7
555853		20.7	1.43	<0.05	0.2	<0.005	0.029	0.11	7.8	5.3	4.15	10500	0.20	<0.01	2.0	5.7
555854		20.2	2.91	<0.05	0.4	0.005	0.034	0.04	6.9	12.8	2.91	11550	0.27	<0.01	3.0	17.0
555855		10.55	14.90	<0.05	1.6	0.014	0.045	2.02	21.1	52.2	2.29	2360	2.63	0.07	2.3	48.7
555856		8.02	19.05	<0.05	2.1	0.023	0.058	2.95	21.9	67.0	2.55	1000	3.85	0.11	3.1	72.4
555857		8.44	14.50	<0.05	1.4	<0.005	0.056	2.13	8.6	67.8	3.60	2550	0.99	0.08	1.9	80.9
555858		14.05	0.53	<0.05	0.1	<0.005	0.005	0.03	6.3	1.8	3.11	2220	0.78	<0.01	1.6	10.3
555859		7.33	17.00	<0.05	3.4	0.054	0.059	0.96	21.6	9.1	5.52	1040	2.93	1.95	28.5	351
555860		12.75	0.61	<0.05	0.1	<0.005	<0.005	0.01	4.8	2.6	3.56	1990	0.43	<0.01	0.9	5.8

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CERTIFICAT D'ANALYSE VO18233836

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555841		680	1.4	2.7	<0.002	0.05	0.21	0.6	<1	<0.2	24.8	0.07	<0.05	0.56	0.025	0.08
555842		560	1.9	10.3	<0.002	0.37	0.30	2.5	<1	0.4	29.5	0.30	0.08	1.43	0.107	0.30
555843		270	7.3	101.0	0.004	1.83	1.37	13.1	1	1.6	30.3	0.95	0.07	8.49	0.348	1.59
555844		280	5.8	99.7	0.004	0.86	0.96	27.9	1	1.0	127.0	0.34	0.05	4.34	0.449	1.34
555845		280	3.2	106.5	0.009	0.54	1.47	24.3	1	1.3	62.9	0.40	<0.05	6.85	0.438	1.59
555846		50	0.5	1.7	<0.002	0.01	0.06	0.4	1	<0.2	82.2	<0.05	<0.05	0.18	0.010	0.03
555847		340	2.9	75.8	0.003	0.03	0.64	39.4	<1	0.8	152.0	0.22	<0.05	1.47	0.640	1.20
555848		430	3.0	66.6	0.002	0.12	0.69	44.1	1	0.8	131.5	0.20	<0.05	0.36	0.753	1.12
555849		140	3.3	9.9	<0.002	1.51	0.26	1.8	1	<0.2	211	0.17	0.09	1.10	0.051	0.62
555850		70	2.3	12.3	<0.002	0.79	0.25	0.9	1	0.2	177.5	0.06	0.08	0.18	0.012	0.75
555851		110	2.1	1.3	0.002	1.74	0.36	0.7	1	<0.2	36.2	0.09	0.16	0.30	0.019	0.06
555852		20	2.8	2.3	<0.002	1.13	0.22	0.3	1	<0.2	264	<0.05	0.07	0.06	<0.005	0.10
555853		570	1.9	6.4	<0.002	0.92	0.14	0.7	1	<0.2	140.5	0.12	0.06	0.55	0.030	0.27
555854		440	2.1	2.1	<0.002	1.98	0.23	1.8	1	<0.2	104.5	0.20	0.14	0.71	0.071	0.08
555855		180	5.0	60.6	0.008	2.33	1.12	10.9	3	0.9	75.5	0.15	0.16	6.55	0.119	2.77
555856		250	5.0	90.9	0.009	2.31	1.06	22.9	3	1.4	68.3	0.18	0.07	6.77	0.141	4.31
555857		280	5.8	68.1	0.003	2.31	0.68	29.2	1	1.4	120.5	0.12	0.09	2.23	0.196	3.06
555858		190	1.5	0.9	<0.002	1.46	0.17	0.4	<1	<0.2	33.5	0.12	<0.05	0.30	0.009	0.04
555859		1860	5.4	30.6	<0.002	0.04	0.33	19.9	<1	1.3	476	1.55	0.08	2.83	1.070	0.07
555860		230	1.2	0.3	<0.002	0.52	0.09	0.3	<1	<0.2	30.0	<0.05	<0.05	0.17	0.009	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233836

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555841		2.3	16	1.0	5.7	8	8.2
555842		1.1	63	0.5	6.1	22	29.7
555843		5.3	229	1.5	6.6	146	81.6
555844		1.4	255	1.0	5.0	202	60.5
555845		3.0	304	1.0	5.4	197	69.3
555846		0.2	3	0.1	2.2	5	2.2
555847		0.4	342	0.8	5.2	165	67.8
555848		0.1	381	0.7	5.3	258	49.1
555849		0.9	41	0.3	7.3	69	12.3
555850		0.3	20	0.2	6.6	42	5.0
555851		0.6	16	0.1	2.7	26	7.1
555852		<0.1	10	0.2	7.7	31	2.4
555853		0.4	19	0.2	7.5	38	7.9
555854		0.6	44	0.2	5.8	51	16.9
555855		3.1	202	0.6	5.6	125	54.9
555856		3.8	286	0.9	6.0	199	74.2
555857		1.1	272	1.2	5.5	107	50.1
555858		0.6	7	0.2	4.7	18	4.1
555859		0.6	145	3.3	20.8	104	140.0
555860		0.8	7	0.4	4.6	11	4.1

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CERTIFICAT D'ANALYSE VO18233836

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 2-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233838

Projet: Kan

Bon de commande #: KANDH18-RUSH-048

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

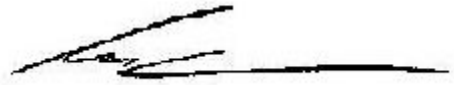
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233838

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555701		2.48	0.002	0.04	0.22	5.6	20	1.05	0.02	1.98	<0.02	10.25	6.1	9	7.06	2.6
555702		2.36	0.001	0.01	0.29	16.1	20	0.60	0.02	1.59	0.04	12.05	5.9	14	8.63	3.4
555703		2.36	<0.001	0.01	0.07	10.1	10	0.37	0.01	1.38	0.05	7.11	4.8	5	2.72	1.4
555704		2.47	0.001	0.01	0.05	1.6	10	0.40	0.01	2.04	0.08	6.42	2.5	3	1.96	0.4
555705		2.55	<0.001	<0.01	0.07	4.0	10	0.27	0.01	1.76	0.09	5.50	3.5	10	2.82	1.1
555706		0.21	<0.001	<0.01	0.05	<0.2	20	<0.05	0.01	35.0	<0.02	0.85	0.6	2	0.08	0.8
555707		2.33	0.094	<0.01	0.07	0.3	10	0.29	<0.01	1.86	0.06	4.50	2.5	7	3.06	1.2
555708		2.45	<0.001	<0.01	0.07	1.9	<10	0.26	0.01	1.52	0.06	4.77	4.2	5	2.24	2.3
555709		2.42	0.003	0.03	0.10	123.0	10	0.46	0.05	1.50	0.03	6.06	8.5	5	3.47	5.8
555710		2.36	<0.001	0.01	0.33	11.0	10	0.60	0.02	1.16	0.02	10.10	7.0	9	3.42	3.4
555711		2.44	<0.001	0.01	0.58	0.7	20	0.58	0.02	1.72	0.02	12.75	5.1	18	1.02	5.1
555712		2.57	0.001	0.06	0.50	18.7	10	0.27	0.03	4.18	0.04	20.8	7.9	27	0.12	24.3
555713		2.24	0.006	0.04	0.34	31.0	<10	0.23	0.02	5.40	0.03	10.95	4.9	14	<0.05	12.7
555714		2.44	0.001	0.01	0.09	4.5	<10	0.28	0.01	9.08	0.05	13.65	2.6	5	<0.05	2.0
555715		2.46	0.018	0.04	0.09	61.5	<10	0.25	0.02	5.31	0.07	15.20	3.4	12	<0.05	5.3
555716		1.86	0.004	0.05	0.04	1.1	<10	0.22	0.02	4.45	0.03	7.98	4.5	9	<0.05	6.7
555717		2.98	<0.001	0.01	0.20	2.5	<10	0.54	0.01	3.58	<0.02	7.78	2.8	7	0.18	2.0
555718		2.33	<0.001	<0.01	0.07	0.6	<10	0.28	<0.01	6.63	0.05	6.55	2.0	6	0.24	1.2
555719		0.07	0.673	0.20	7.60	19.5	340	1.29	0.12	4.53	0.16	49.4	42.2	182	1.81	52.8
555720		2.39	<0.001	0.04	0.36	7.8	10	0.60	0.02	3.08	0.03	11.85	6.2	10	0.41	4.2

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Finalisée date: 2-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233838

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555701		25.8	1.09	0.07	0.2	0.009	0.006	0.08	6.0	0.8	3.98	11450	0.33	0.03	2.8	5.3
555702		23.2	1.39	0.07	0.2	0.007	0.006	0.10	7.3	1.0	3.31	10650	0.24	0.03	2.5	5.3
555703		23.5	0.45	0.07	0.1	0.005	<0.005	0.03	4.5	0.4	3.51	9440	0.19	0.01	1.0	3.0
555704		24.4	0.37	0.06	<0.1	0.006	<0.005	0.02	4.2	0.4	3.90	9460	0.05	0.01	0.5	0.8
555705		27.1	0.44	0.08	<0.1	<0.005	<0.005	0.03	3.6	0.4	4.36	8630	0.06	0.01	0.5	1.2
555706		0.24	0.20	0.05	<0.1	<0.005	<0.005	0.01	1.1	1.4	1.51	139	<0.05	0.02	0.1	0.2
555707		19.10	0.40	0.05	<0.1	<0.005	<0.005	0.04	2.8	0.4	3.17	5510	0.06	0.01	0.5	1.0
555708		25.3	0.41	0.09	0.1	<0.005	<0.005	0.03	3.1	0.4	4.06	6950	0.13	0.01	0.8	1.7
555709		26.2	1.40	0.08	0.1	<0.005	<0.005	0.05	4.0	0.4	4.00	7820	0.24	0.02	1.3	3.8
555710		26.6	1.76	0.09	0.2	<0.005	0.006	0.04	5.3	1.0	3.61	10700	0.32	0.02	2.0	6.3
555711		19.55	1.84	0.08	0.4	<0.005	0.008	0.12	7.0	2.5	2.73	9030	0.34	0.07	2.2	6.9
555712		11.90	1.92	0.06	0.5	0.007	0.013	0.08	11.3	6.6	2.95	2570	3.75	0.01	4.0	12.8
555713		16.60	1.34	0.05	0.2	0.011	0.010	<0.01	6.1	6.4	3.63	3330	1.98	<0.01	1.7	11.6
555714		21.4	0.52	0.09	0.1	0.006	<0.005	<0.01	8.6	2.4	6.06	5210	0.83	<0.01	0.9	4.9
555715		20.9	0.58	0.08	0.1	0.007	<0.005	<0.01	10.3	1.9	4.16	5250	1.96	<0.01	0.9	8.8
555716		18.00	0.32	0.06	<0.1	<0.005	<0.005	<0.01	5.0	1.2	3.31	4060	0.78	<0.01	0.6	5.9
555717		19.85	0.99	0.07	0.1	<0.005	0.006	0.01	4.9	1.2	2.78	5140	1.59	<0.01	1.4	2.6
555718		19.15	0.38	0.07	<0.1	0.005	<0.005	0.01	4.2	0.9	3.98	5160	0.84	<0.01	0.6	1.4
555719		7.57	18.70	0.13	3.5	0.022	0.063	0.90	22.1	12.3	3.03	978	1.75	1.75	19.4	142.5
555720		24.0	1.91	0.09	0.2	<0.005	0.009	0.02	6.7	2.0	3.38	6720	0.72	<0.01	2.0	6.5

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Finalisée date: 2-OCT-2018
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CERTIFICAT D'ANALYSE VO18233838

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555701		310	1.0	3.4	<0.002	0.10	0.29	0.7	1	<0.2	25.4	0.09	<0.05	0.53	0.024	<0.02
555702		380	0.8	4.1	<0.002	0.12	0.19	0.8	1	<0.2	23.7	0.09	<0.05	0.45	0.024	<0.02
555703		220	0.6	1.3	<0.002	0.05	0.13	0.3	1	<0.2	22.9	<0.05	<0.05	0.16	0.007	<0.02
555704		130	0.5	1.0	<0.002	0.01	<0.05	0.1	<1	<0.2	38.5	<0.05	<0.05	0.08	<0.005	<0.02
555705		150	0.5	1.4	<0.002	0.03	0.06	0.1	<1	<0.2	33.3	<0.05	<0.05	0.06	<0.005	<0.02
555706		60	<0.5	0.8	<0.002	<0.01	0.05	0.2	1	<0.2	85.6	<0.05	<0.05	0.06	0.005	<0.02
555707		100	0.6	1.5	<0.002	0.01	0.08	0.1	<1	<0.2	41.6	<0.05	<0.05	0.06	<0.005	<0.02
555708		130	0.6	1.2	<0.002	0.05	0.17	0.1	1	<0.2	26.2	0.05	<0.05	0.11	0.007	<0.02
555709		200	1.1	1.8	<0.002	0.23	0.23	0.2	1	<0.2	23.5	0.06	0.09	0.14	0.007	<0.02
555710		360	0.8	1.8	<0.002	0.13	0.34	0.9	1	<0.2	15.5	0.10	<0.05	0.35	0.028	<0.02
555711		510	1.3	3.9	<0.002	0.12	0.20	1.2	1	0.2	26.3	0.11	<0.05	0.62	0.035	0.05
555712		330	2.9	2.0	0.005	1.19	0.68	1.4	1	0.2	36.7	0.20	0.09	0.60	0.033	0.09
555713		380	1.7	0.1	<0.002	1.16	0.30	0.7	2	<0.2	35.3	0.07	0.08	0.24	0.011	<0.02
555714		690	1.4	<0.1	<0.002	0.11	0.47	0.3	1	<0.2	60.8	<0.05	<0.05	0.14	0.005	<0.02
555715		720	2.4	<0.1	<0.002	0.53	0.56	0.4	1	<0.2	42.7	<0.05	0.09	0.17	0.006	<0.02
555716		390	1.2	<0.1	<0.002	1.27	0.18	0.1	1	<0.2	29.8	<0.05	0.07	0.07	<0.005	<0.02
555717		320	0.7	0.2	<0.002	0.09	0.08	0.5	1	<0.2	25.4	0.07	<0.05	0.18	0.010	<0.02
555718		320	0.9	0.4	<0.002	0.04	0.07	0.1	1	<0.2	50.8	<0.05	<0.05	0.07	<0.005	<0.02
555719		1190	12.6	39.7	<0.002	0.02	0.94	19.5	1	1.6	363	1.11	0.05	4.64	0.951	0.18
555720		240	1.5	1.2	<0.002	0.33	0.14	0.9	1	<0.2	29.0	0.11	0.05	0.33	0.022	0.03

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CERTIFICAT D'ANALYSE VO18233838

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555701		0.4	20	0.2	7.5	6	9.1
555702		0.3	24	0.1	6.5	11	8.8
555703		0.1	9	0.2	4.5	10	3.5
555704		0.1	5	0.1	4.7	17	2.7
555705		0.1	7	0.1	4.4	18	2.6
555706		0.1	1	<0.1	2.0	3	1.2
555707		0.1	6	0.1	4.1	13	2.3
555708		0.1	6	0.1	3.6	18	3.0
555709		0.1	8	0.1	4.4	8	4.0
555710		0.3	26	0.1	5.8	7	9.9
555711		0.5	24	0.1	6.2	9	15.1
555712		2.0	74	0.3	6.1	23	26.3
555713		0.6	41	0.2	6.3	17	9.0
555714		0.3	13	0.1	8.0	16	4.2
555715		0.3	14	0.2	7.2	17	5.5
555716		0.1	7	0.1	4.5	10	2.4
555717		0.2	19	0.2	6.9	8	5.1
555718		0.1	8	0.1	5.5	9	2.2
555719		1.0	153	1.8	20.1	131	147.0
555720		0.5	37	0.3	7.3	11	8.5

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QUEBEC QC G1K 7R1

Finalisée date: 2-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233838

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Applique à la Méthode: CRU-31, CRU-QC, LOG-21, LOG-23, PUL-31, PUL-QC, SPL-21, WEI-21

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: Au-ICP21, Hg-MS42, ME-MS61

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ALS Canada Ltd.

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 30-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18233839

Projet: Kan

Bon de commande #: KANDH18-RUSH-049

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

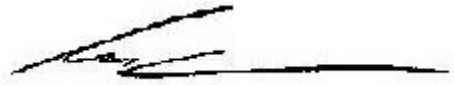
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233839

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555721		2.59	<0.001	0.11	0.23	7.0	<10	0.78	0.01	1.79	<0.02	11.60	5.0	8	0.23	2.7
555722		2.53	<0.001	0.20	0.13	21.1	<10	0.96	0.02	1.51	<0.02	13.35	6.5	5	0.49	2.2
555723		2.11	<0.001	0.14	0.27	8.4	<10	1.20	0.02	2.56	<0.02	13.30	7.0	12	0.31	4.3
555724		2.55	<0.001	0.08	0.24	4.3	<10	0.95	0.02	3.58	<0.02	12.00	5.3	8	0.28	2.5
555725		2.38	<0.001	0.01	0.15	10.8	<10	0.46	0.01	2.81	<0.02	8.10	4.6	10	0.34	2.1
555726		0.28	<0.001	<0.01	0.06	<0.2	20	0.06	0.01	31.7	<0.02	0.87	0.6	1	<0.05	0.8
555727		2.22	<0.001	0.02	0.17	15.9	<10	0.61	0.02	3.46	<0.02	10.60	6.0	6	0.22	2.4
555728		3.29	0.052	0.04	0.15	13.9	<10	0.24	0.01	5.25	0.08	10.45	5.4	8	0.22	2.1
555729		1.56	0.060	0.01	0.26	0.3	10	0.31	<0.01	2.12	0.10	8.05	4.4	6	0.11	1.0
555730		2.35	0.021	0.04	0.31	1.2	10	0.33	0.01	3.81	0.08	11.90	5.0	19	0.15	3.4
555731		2.50	0.049	0.02	0.33	18.4	10	0.62	0.02	4.23	0.02	10.05	6.7	17	0.97	3.9
555732		2.41	<0.001	0.15	0.32	11.3	<10	0.52	0.02	3.91	<0.02	10.55	6.1	15	0.11	4.7
555733		2.47	0.001	0.03	0.91	43.6	<10	0.84	0.04	3.49	0.03	19.70	10.4	24	0.08	8.8
555734		2.10	<0.001	0.04	0.57	46.7	<10	0.60	0.02	1.91	0.03	12.15	8.0	24	<0.05	11.7
555735		2.29	<0.001	0.05	0.98	3.5	<10	1.06	0.04	1.79	0.03	19.30	9.9	28	0.07	9.6
555736		2.51	<0.001	0.06	0.39	2.3	<10	0.49	0.02	2.47	<0.02	11.75	6.7	16	<0.05	14.2
555737		2.28	<0.001	0.04	0.64	22.5	<10	0.71	0.03	1.95	<0.02	14.75	9.9	17	0.09	8.9
555738		2.56	<0.001	0.03	0.67	21.2	<10	0.87	0.02	1.88	<0.02	13.70	8.4	21	0.16	6.6
555739		0.07	2.54	0.47	7.06	12.2	340	1.16	0.19	4.91	0.07	45.4	56.9	318	0.71	86.3
555740		2.78	<0.001	0.03	0.61	10.1	10	1.17	0.03	1.66	<0.02	14.95	9.2	15	0.42	8.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233839

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555721		24.2	1.49	0.07	0.1	<0.005	0.007	0.01	6.7	1.3	2.93	8010	0.39	<0.01	1.4	3.6
555722		24.9	0.85	0.08	0.1	<0.005	<0.005	0.02	8.4	0.7	2.95	11100	0.24	<0.01	1.7	3.3
555723		24.1	1.40	0.09	0.2	0.005	0.009	0.01	7.2	1.0	3.17	11450	0.36	<0.01	3.0	6.2
555724		23.3	1.16	0.08	0.1	<0.005	0.006	0.01	6.5	1.1	3.46	10900	0.36	<0.01	2.7	3.2
555725		19.80	0.72	0.07	0.1	0.007	0.005	0.01	4.7	0.8	2.96	8820	0.34	<0.01	2.0	3.2
555726		0.17	0.21	0.08	0.1	<0.005	<0.005	0.01	1.1	1.0	1.27	108	<0.05	0.03	0.1	<0.2
555727		21.6	0.76	0.07	0.1	0.008	0.007	0.01	5.7	0.9	3.28	9440	0.28	<0.01	2.3	2.8
555728		19.70	0.82	0.07	<0.1	0.011	0.005	0.01	6.3	1.3	3.63	7530	0.17	<0.01	0.8	2.3
555729		24.6	1.22	0.08	<0.1	0.007	<0.005	0.07	5.1	2.6	3.60	8260	0.18	<0.01	0.4	1.3
555730		18.60	1.50	0.07	0.2	0.013	0.007	0.03	6.1	1.9	3.02	8530	0.40	<0.01	3.3	4.7
555731		20.0	1.58	0.06	0.3	<0.005	0.008	0.03	5.1	1.2	3.51	10650	0.48	0.01	3.3	6.2
555732		17.25	1.52	0.07	0.2	<0.005	0.006	0.01	5.5	1.7	3.11	10100	0.39	<0.01	2.2	6.7
555733		21.2	4.21	0.09	0.6	<0.005	0.016	<0.01	10.9	4.6	3.37	13700	0.72	<0.01	5.6	15.8
555734		16.50	2.74	0.06	0.4	0.005	0.011	<0.01	6.2	2.8	2.12	11550	0.85	<0.01	4.0	12.0
555735		20.6	4.75	0.08	0.7	0.006	0.022	0.01	10.3	4.5	2.52	14750	0.69	<0.01	6.9	15.5
555736		18.40	2.12	0.06	0.3	<0.005	0.009	0.01	6.0	2.0	2.47	12400	0.24	<0.01	2.9	7.7
555737		23.4	3.41	0.09	0.5	<0.005	0.014	0.01	7.3	3.0	3.06	15600	0.34	<0.01	5.0	12.8
555738		21.3	3.38	0.08	0.5	<0.005	0.015	0.02	7.0	3.2	2.92	14050	0.26	<0.01	4.9	9.3
555739		7.70	18.70	0.12	3.5	0.057	0.063	1.02	23.1	9.4	5.78	1100	3.07	2.05	30.8	369
555740		21.5	3.15	0.08	0.5	0.005	0.014	0.06	8.0	3.1	3.04	14600	0.31	<0.01	4.5	10.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233839

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555721		330	1.0	0.5	<0.002	0.13	0.12	0.6	<1	<0.2	17.2	0.07	<0.05	0.23	0.012	<0.02
555722		630	0.8	0.7	<0.002	0.04	0.14	0.4	<1	<0.2	13.2	0.06	0.05	0.25	0.012	<0.02
555723		350	1.1	0.7	<0.002	0.08	0.15	0.9	<1	<0.2	19.6	0.12	<0.05	0.51	0.029	<0.02
555724		370	1.1	0.5	<0.002	0.04	0.10	0.7	<1	<0.2	26.4	0.09	<0.05	0.44	0.023	<0.02
555725		270	1.2	0.3	<0.002	0.02	0.11	0.5	<1	<0.2	19.8	0.06	<0.05	0.37	0.014	<0.02
555726		60	<0.5	0.3	<0.002	<0.01	0.05	0.2	1	<0.2	81.7	<0.05	<0.05	0.08	<0.005	<0.02
555727		360	1.0	0.5	<0.002	0.09	0.10	0.4	1	<0.2	27.4	0.08	<0.05	0.31	0.014	<0.02
555728		400	1.2	0.3	<0.002	0.08	0.08	0.3	1	<0.2	60.7	<0.05	<0.05	0.21	0.006	<0.02
555729		110	0.7	1.6	<0.002	0.02	0.09	0.4	<1	<0.2	26.7	<0.05	<0.05	0.16	<0.005	0.03
555730		390	1.5	0.9	<0.002	0.12	0.11	0.9	<1	<0.2	56.8	0.14	0.05	0.60	0.035	0.02
555731		360	1.5	1.1	<0.002	0.09	0.14	1.0	1	<0.2	44.9	0.14	0.05	0.49	0.039	<0.02
555732		460	1.5	0.3	<0.002	0.12	0.17	1.0	<1	0.2	35.7	0.10	<0.05	0.41	0.034	<0.02
555733		720	2.7	0.1	<0.002	0.29	0.18	2.5	1	0.2	37.4	0.29	0.06	1.05	0.085	<0.02
555734		360	1.7	0.1	<0.002	0.21	0.16	1.8	1	0.2	16.7	0.23	<0.05	0.78	0.060	<0.02
555735		490	2.2	0.3	<0.002	0.22	0.23	3.0	1	0.3	14.5	0.41	0.05	1.35	0.115	<0.02
555736		320	1.5	0.2	<0.002	0.11	0.12	1.3	1	0.2	17.0	0.17	<0.05	0.50	0.051	<0.02
555737		420	1.6	0.3	<0.002	0.20	0.14	1.9	1	0.2	14.8	0.29	0.05	0.82	0.085	<0.02
555738		490	1.7	1.0	<0.002	0.15	0.15	2.1	1	0.2	15.2	0.30	0.06	0.82	0.087	<0.02
555739		1970	5.1	32.9	<0.002	0.03	0.36	23.4	<1	1.3	498	1.68	0.08	2.90	1.100	0.07
555740		500	1.6	3.0	<0.002	0.16	0.15	2.2	1	0.2	14.6	0.26	<0.05	0.74	0.083	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233839

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555721		0.3	25	0.5	10.7	8	5.3
555722		0.1	13	0.7	11.1	9	4.2
555723		0.2	22	0.7	11.0	10	9.1
555724		0.2	19	0.6	9.5	9	7.5
555725		0.1	13	0.2	6.3	7	4.9
555726		0.2	1	<0.1	2.1	2	2.2
555727		0.1	15	0.2	7.3	7	5.4
555728		0.1	14	0.4	6.7	15	3.0
555729		0.1	21	0.2	4.4	25	2.1
555730		0.4	23	0.5	6.7	14	10.7
555731		0.3	24	0.3	7.4	9	13.5
555732		0.3	21	0.3	6.2	9	10.1
555733		0.7	49	0.3	9.4	17	27.1
555734		0.6	36	0.3	6.0	15	19.7
555735		0.8	60	0.5	9.5	21	33.2
555736		0.3	29	0.3	6.9	10	13.1
555737		0.5	51	0.5	9.5	16	25.2
555738		0.4	53	0.5	9.0	13	23.9
555739		0.6	156	3.3	22.4	111	149.0
555740		0.5	47	0.4	8.1	11	19.5

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 30-SEPT-2018
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CERTIFICAT D'ANALYSE VO18233839

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 2-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233841

Projet: Kan

Bon de commande #: KANDH18-RUSH -050

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

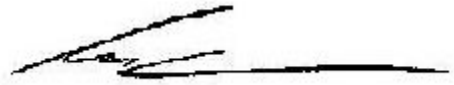
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 2-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233841

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555741		2.96	<0.001	0.04	0.59	5.9	10	0.90	0.02	2.40	<0.02	13.35	7.9	15	1.88	6.4
555742		2.47	<0.001	0.03	1.08	8.5	10	1.30	0.04	1.44	0.02	20.7	11.0	27	2.87	11.2
555743		2.58	<0.001	0.01	0.40	0.8	20	0.47	0.02	2.78	<0.02	10.75	4.1	16	4.28	4.2
555744		2.31	<0.001	0.02	0.53	71.4	20	0.99	0.03	2.31	0.02	17.25	10.4	14	4.34	7.8
555745		2.46	0.001	0.02	0.65	1.5	40	1.45	0.02	2.22	0.03	17.25	9.0	15	9.12	8.1
555746		0.19	0.001	<0.01	0.05	0.3	10	0.06	0.01	33.9	<0.02	1.02	0.6	2	0.06	0.7
555747		2.50	0.001	0.03	1.38	0.5	50	1.44	0.04	1.73	0.05	22.4	12.0	29	11.25	10.1
555748		2.26	<0.001	0.03	0.52	0.7	50	0.94	0.02	2.22	0.17	9.99	6.3	18	8.22	3.8
555749		0.80	0.006	0.14	3.29	1.0	60	1.65	0.23	0.43	0.19	30.5	16.2	60	10.70	31.4
555750		1.57	<0.001	0.06	1.71	0.7	60	1.08	0.07	2.42	0.52	19.55	14.4	41	10.15	33.3
555751		2.52	0.067	0.04	0.51	3.9	40	0.48	0.02	3.71	0.15	12.90	5.4	20	0.41	11.4
555752		2.49	0.001	0.02	0.13	1.3	10	0.23	0.01	5.89	0.09	6.80	3.6	24	0.30	4.8
555753		2.00	<0.001	0.09	0.38	0.4	10	0.35	0.03	2.87	0.07	13.60	3.4	15	0.14	25.9
555754		5.13	0.076	0.73	2.41	22.9	110	1.05	0.44	0.85	1.53	39.6	50.7	45	1.97	157.5
555755		2.55	7.28	0.36	0.27	25.1	20	0.26	0.02	4.21	0.12	11.40	2.9	9	2.94	13.7
555756		2.24	0.225	0.09	0.24	0.7	10	0.27	0.01	9.17	0.17	9.26	2.4	10	0.77	14.5
555757		2.34	0.030	0.12	0.24	1.7	10	0.21	0.05	5.57	0.13	10.45	5.4	9	1.40	34.5
555758		2.57	0.023	0.08	0.30	2.4	10	0.30	0.03	2.52	0.07	14.65	4.0	10	1.39	28.1
555759		0.07	7.68	1.44	6.47	36.6	330	0.89	0.53	3.10	0.07	32.9	44.7	338	0.70	122.0
555760		2.43	0.005	0.07	0.53	5.3	10	0.31	0.04	3.77	0.08	32.0	3.1	11	1.08	28.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 2-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233841

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555741		20.3	2.67	0.05	0.4	0.008	0.014	0.14	6.9	2.6	3.18	14250	0.27	0.01	4.2	8.0
555742		20.4	4.84	0.06	0.8	0.017	0.023	0.31	11.5	5.2	3.34	17450	0.62	0.01	7.1	16.6
555743		13.65	1.60	<0.05	0.3	0.014	0.014	0.14	5.5	1.1	2.22	9330	0.23	0.04	2.6	5.2
555744		22.2	2.31	0.05	0.4	0.051	0.012	0.16	8.8	1.6	3.44	16350	0.32	0.05	3.9	9.6
555745		22.5	3.01	0.06	0.6	0.070	0.014	0.31	8.7	1.7	3.67	16300	0.32	0.10	5.4	10.2
555746		0.25	0.18	0.07	<0.1	<0.005	<0.005	0.01	1.2	1.0	1.42	186	0.05	0.02	0.1	<0.2
555747		21.5	5.59	0.06	1.1	0.071	0.024	0.66	12.0	8.4	3.78	18150	0.58	0.11	9.3	19.5
555748		16.95	2.28	0.05	0.4	0.025	0.016	0.30	5.6	1.2	2.78	15700	0.57	0.10	3.2	8.3
555749		19.55	10.15	0.06	1.1	0.187	0.020	1.04	16.1	16.2	3.01	9570	3.60	0.07	9.1	40.9
555750		18.75	6.13	0.06	0.9	0.104	0.028	0.67	10.8	9.0	2.69	15600	1.47	0.09	6.6	29.8
555751		19.40	1.62	0.05	0.3	<0.005	0.015	0.19	6.6	3.9	3.46	10450	0.65	0.02	2.9	6.9
555752		17.35	0.56	0.05	0.1	<0.005	0.009	0.03	4.0	1.7	3.53	8080	0.30	<0.01	0.8	2.5
555753		16.35	2.46	0.10	0.3	0.016	0.013	0.15	7.8	3.8	2.95	5260	2.01	0.02	2.1	10.0
555754		18.15	9.45	0.12	1.8	0.201	0.122	1.22	21.3	18.5	1.21	1440	13.05	0.05	5.4	73.7
555755		16.70	1.85	0.06	0.1	0.044	0.007	0.13	6.3	1.9	3.69	4750	0.48	0.02	1.3	3.8
555756		14.75	1.07	0.05	0.1	0.009	0.008	0.04	5.3	2.4	4.50	4640	0.63	0.01	1.0	2.5
555757		16.95	1.66	0.06	0.1	0.005	0.007	0.05	6.0	1.5	3.44	4120	1.20	0.01	1.9	6.3
555758		20.6	2.25	0.07	0.4	0.006	0.010	0.05	8.4	1.6	2.73	4930	0.30	0.01	5.5	5.0
555759		5.89	16.25	0.11	2.5	0.178	0.050	1.12	16.6	16.4	4.24	784	6.21	1.26	18.6	265
555760		16.75	4.01	0.08	1.3	0.008	0.014	0.09	18.1	3.7	2.64	4440	0.55	<0.01	18.5	3.9

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Finalisée date: 2-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233841

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555741		470	1.6	5.9	<0.002	0.12	0.17	1.6	1	0.2	25.3	0.24	<0.05	0.74	0.078	0.05
555742		620	1.9	14.3	<0.002	0.22	0.21	3.3	1	0.4	21.3	0.42	0.06	1.24	0.139	0.12
555743		320	1.4	5.1	<0.002	0.08	0.12	1.3	1	<0.2	39.2	0.15	<0.05	0.43	0.046	<0.02
555744		770	1.5	5.9	<0.002	0.14	0.20	1.7	1	0.2	32.2	0.22	0.10	0.65	0.076	0.02
555745		510	1.8	11.6	<0.002	0.17	0.18	1.8	1	0.2	38.1	0.32	0.05	0.81	0.106	0.02
555746		70	<0.5	0.3	<0.002	<0.01	0.06	0.1	1	<0.2	82.7	<0.05	<0.05	0.05	0.005	<0.02
555747		710	2.4	28.7	<0.002	0.26	0.32	3.9	1	0.4	32.7	0.61	0.06	1.72	0.169	0.16
555748		410	1.4	11.0	<0.002	0.17	0.23	1.6	1	0.2	40.4	0.17	<0.05	0.56	0.060	0.02
555749		450	8.7	48.4	0.008	2.03	1.15	7.2	2	0.7	13.3	0.51	0.19	3.18	0.217	0.37
555750		590	5.8	31.2	<0.002	1.78	0.41	5.4	3	0.4	82.0	0.41	0.10	1.62	0.183	0.19
555751		430	1.7	5.4	<0.002	0.76	0.17	1.4	1	0.3	73.9	0.15	0.06	0.64	0.049	0.11
555752		250	1.6	1.3	<0.002	0.25	0.12	0.4	<1	<0.2	83.0	<0.05	<0.05	0.18	0.010	0.03
555753		210	2.6	4.0	0.003	1.26	0.22	1.0	1	0.3	41.9	0.10	0.07	0.45	0.015	0.10
555754		430	54.5	38.7	0.015	8.60	3.75	6.7	6	4.2	30.7	0.30	1.12	2.65	0.084	0.92
555755		150	1.3	5.4	<0.002	0.68	0.11	0.6	1	<0.2	71.2	0.06	0.06	0.18	0.009	0.08
555756		80	2.3	1.9	<0.002	0.57	0.11	0.5	1	<0.2	136.5	0.05	<0.05	0.15	0.007	0.03
555757		140	2.3	1.7	<0.002	1.80	0.11	0.5	1	<0.2	75.6	0.08	0.05	0.27	0.014	0.02
555758		230	2.5	2.2	<0.002	1.55	0.09	0.3	1	<0.2	39.2	0.36	0.07	0.65	0.009	0.03
555759		1160	9.9	40.8	<0.002	0.09	0.81	22.1	1	1.0	293	0.98	0.24	2.49	0.714	0.20
555760		360	9.9	4.1	<0.002	0.87	0.09	0.4	1	<0.2	47.2	1.18	0.06	1.79	0.017	0.06

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Finalisée date: 2-OCT-2018
Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18233841

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555741		0.4	51	0.4	7.5	10	19.8
555742		0.9	102	0.4	7.6	16	35.5
555743		0.3	29	0.3	5.1	8	10.9
555744		0.5	42	0.5	8.9	10	17.5
555745		0.4	60	0.6	8.9	12	26.1
555746		0.1	2	<0.1	2.1	3	1.1
555747		1.0	121	0.4	8.7	22	44.0
555748		0.4	48	0.4	6.0	14	16.3
555749		4.4	155	0.3	6.6	62	46.5
555750		1.7	112	0.3	7.0	36	39.2
555751		0.5	31	0.2	5.8	35	14.6
555752		0.1	10	0.1	5.0	17	3.9
555753		0.9	37	0.2	4.8	24	13.7
555754		6.2	102	0.8	7.6	486	81.7
555755		0.3	20	0.1	6.0	21	5.1
555756		0.2	15	0.2	6.7	17	4.8
555757		0.4	23	0.2	5.1	17	7.7
555758		0.2	15	0.2	5.6	19	19.3
555759		0.6	153	9.3	16.2	91	106.0
555760		0.5	17	0.2	8.8	21	63.1

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CERTIFICAT D'ANALYSE VO18233841

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 30-SEPT-2018
Compte: MINVIR

CERTIFICAT VO18233842

Projet: Kan

Bon de commande #: KANDH18-RUSH-054

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

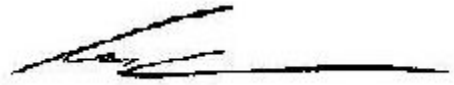
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555821		2.48	0.001	<0.01	0.86	12.4	30	0.67	0.03	1.42	0.02	15.95	6.6	26	3.67	5.4
555822		2.55	<0.001	0.02	0.73	18.6	40	0.49	0.02	2.86	0.05	17.95	8.0	22	5.51	7.3
555823		2.38	0.004	0.02	0.82	25.1	30	0.68	0.03	3.78	0.03	19.60	9.8	24	4.05	6.5
555824		2.35	0.001	0.03	0.58	4.9	60	0.70	0.02	2.18	<0.02	13.80	6.5	18	7.65	6.6
555825		2.37	<0.001	0.07	0.80	4.0	60	0.50	0.02	5.10	0.04	14.90	9.9	20	8.72	15.3
555826		0.28	<0.001	<0.01	0.06	<0.2	20	0.06	0.01	33.1	<0.02	1.10	0.6	2	0.05	1.0
555827		2.36	<0.001	0.01	0.54	0.4	60	0.51	0.01	4.79	0.02	10.55	6.0	15	8.14	6.9
555828		3.31	<0.001	0.03	1.53	1.1	100	0.61	0.03	4.02	0.02	15.30	9.3	34	6.05	19.4
555829		3.19	<0.001	0.05	0.32	11.6	<10	0.26	0.01	4.15	0.05	11.95	3.8	12	0.18	19.6
555830		2.31	<0.001	0.01	0.14	0.9	<10	0.48	<0.01	1.44	0.04	6.25	3.0	8	<0.05	1.5
555831		2.34	<0.001	0.02	0.28	4.6	<10	0.65	0.01	6.44	0.04	13.30	6.0	8	<0.05	2.4
555832		2.64	<0.001	0.02	0.57	4.0	10	0.67	0.02	4.42	<0.02	16.70	6.6	10	0.24	3.2
555833		2.41	<0.001	0.02	0.11	0.3	<10	0.40	0.01	2.41	<0.02	5.16	3.3	8	<0.05	1.4
555834		2.47	<0.001	0.02	0.25	1.7	<10	0.45	0.01	2.86	<0.02	12.15	6.1	9	0.13	2.3
555835		2.57	<0.001	0.03	0.30	2.8	<10	0.61	0.02	3.12	<0.02	15.30	6.2	10	0.13	2.7
555836		2.52	<0.001	0.07	0.40	2.4	<10	0.89	0.02	2.45	<0.02	23.8	6.2	10	<0.05	2.9
555837		2.34	0.004	0.02	0.36	2.7	10	0.37	0.01	6.61	0.11	15.75	5.8	8	0.43	2.5
555838		2.56	<0.001	0.02	0.19	1.7	10	0.48	<0.01	1.54	0.10	10.85	4.5	5	0.17	1.2
555839		0.07	0.679	0.19	7.71	19.5	350	1.25	0.12	4.58	0.17	48.8	42.1	188	1.85	53.5
555840		2.57	0.001	0.12	0.33	1.1	10	0.37	0.01	1.59	0.08	11.10	4.7	10	0.15	2.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30-SEPT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233842

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555821		18.45	3.51	0.09	0.6	0.026	0.012	0.11	8.1	1.5	2.79	13350	0.50	0.05	5.4	9.8
555822		20.1	3.19	0.08	0.6	0.029	0.013	0.17	9.7	1.3	3.42	12950	1.25	0.07	5.5	11.9
555823		18.00	3.35	0.09	0.7	0.043	0.019	0.11	10.6	1.6	3.13	12800	0.47	0.05	6.6	13.5
555824		19.40	2.79	0.08	0.4	0.053	0.018	0.22	7.0	1.0	2.97	13600	0.30	0.09	4.4	8.7
555825		19.10	3.88	0.08	0.5	0.033	0.042	0.26	7.8	1.6	4.59	8230	0.92	0.10	4.8	16.5
555826		0.23	0.24	0.15	<0.1	<0.005	<0.005	0.01	1.2	1.3	2.60	194	<0.05	0.03	0.1	0.2
555827		16.25	2.64	0.06	0.4	0.025	0.052	0.25	5.3	1.0	3.89	7840	0.30	0.10	3.4	6.1
555828		12.35	5.50	0.05	0.6	0.020	0.043	0.29	7.4	6.0	3.08	5970	1.36	0.08	4.3	17.2
555829		18.05	2.04	0.08	0.2	<0.005	0.011	0.03	6.6	2.0	3.19	6530	0.76	0.09	2.5	8.8
555830		22.3	0.86	0.07	0.1	<0.005	<0.005	0.01	3.6	1.7	3.79	7090	0.18	<0.01	1.2	2.5
555831		21.0	1.59	0.08	0.2	<0.005	0.008	<0.01	7.4	2.2	4.52	10300	0.43	<0.01	2.6	5.2
555832		21.0	2.13	0.09	0.3	<0.005	0.008	0.13	9.0	2.7	3.65	10350	0.36	<0.01	3.6	6.2
555833		19.45	0.60	0.07	<0.1	0.006	<0.005	<0.01	3.0	0.8	3.10	6700	0.17	<0.01	0.9	2.5
555834		24.3	1.10	0.09	0.2	<0.005	0.005	0.01	6.1	1.3	3.67	10200	0.40	<0.01	3.4	5.3
555835		26.8	1.33	0.12	0.2	<0.005	0.006	0.01	7.8	1.5	3.91	11600	0.44	<0.01	3.7	5.7
555836		26.7	1.64	0.12	0.2	<0.005	0.006	<0.01	14.2	1.6	3.75	11350	0.46	<0.01	3.9	5.9
555837		22.8	1.56	0.10	0.2	0.006	0.007	0.04	8.8	2.6	4.59	8870	0.44	<0.01	2.3	5.2
555838		30.7	1.00	0.12	0.1	<0.005	0.007	0.07	6.4	1.6	4.60	9640	0.19	<0.01	1.4	2.7
555839		7.66	18.25	0.13	3.6	0.024	0.063	0.92	21.9	13.0	3.06	993	2.18	1.77	19.7	145.0
555840		26.6	1.38	0.11	0.2	0.006	0.008	0.05	6.3	2.5	3.88	8700	0.23	<0.01	1.5	3.3

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Projet: Kan

CERTIFICAT D'ANALYSE VO18233842

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555821		370	1.2	3.5	<0.002	0.17	0.19	2.1	1	0.2	18.7	0.34	<0.05	1.09	0.077	<0.02
555822		550	1.7	5.4	<0.002	0.21	0.15	2.0	1	0.2	41.0	0.33	0.05	1.08	0.078	<0.02
555823		540	1.5	3.9	<0.002	0.20	0.17	2.4	1	0.2	45.3	0.39	<0.05	1.16	0.091	<0.02
555824		470	1.0	7.4	<0.002	0.15	0.16	1.8	1	0.3	31.1	0.25	0.05	0.67	0.084	0.02
555825		500	5.1	8.8	<0.002	0.22	0.57	2.5	1	0.4	86.1	0.28	<0.05	0.76	0.102	0.02
555826		60	0.6	0.3	<0.002	<0.01	<0.05	0.2	1	<0.2	78.4	<0.05	<0.05	0.07	0.005	<0.02
555827		350	1.4	8.1	<0.002	0.18	0.15	1.4	1	0.3	84.2	0.20	<0.05	0.50	0.067	0.02
555828		390	1.5	8.0	0.002	0.52	0.17	4.4	1	0.6	68.3	0.24	<0.05	1.15	0.120	0.03
555829		190	2.1	1.6	<0.002	1.14	0.31	0.8	1	<0.2	75.3	0.11	0.16	0.40	0.024	0.08
555830		150	0.5	0.4	<0.002	0.07	0.18	0.3	1	<0.2	26.3	0.05	<0.05	0.23	0.009	<0.02
555831		530	1.3	0.1	<0.002	0.09	0.22	0.8	1	<0.2	71.1	0.12	0.05	0.45	0.032	<0.02
555832		430	1.0	4.8	<0.002	0.07	0.23	1.0	1	<0.2	43.4	0.14	<0.05	0.96	0.035	0.05
555833		140	<0.5	0.1	<0.002	0.03	0.10	0.2	1	<0.2	25.2	<0.05	<0.05	0.15	0.007	<0.02
555834		360	1.0	0.4	<0.002	0.05	0.23	0.7	1	<0.2	30.1	0.12	<0.05	0.54	0.025	<0.02
555835		610	1.5	0.5	<0.002	0.04	0.19	0.8	1	<0.2	37.5	0.12	<0.05	0.63	0.027	<0.02
555836		1300	0.8	0.1	<0.002	0.08	0.20	0.9	1	<0.2	32.4	0.15	<0.05	0.71	0.037	<0.02
555837		620	2.0	2.1	<0.002	0.14	0.23	0.9	1	<0.2	148.0	0.11	<0.05	0.62	0.028	0.04
555838		330	0.6	2.9	<0.002	0.04	0.18	0.5	1	<0.2	37.5	0.06	<0.05	0.28	0.015	0.05
555839		1190	12.9	39.7	<0.002	0.02	0.94	19.7	1	1.6	369	1.14	0.05	4.61	0.954	0.16
555840		490	0.9	2.1	<0.002	0.07	0.15	1.0	1	<0.2	35.5	0.07	<0.05	0.39	0.021	0.03

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Projet: Kan

CERTIFICAT D'ANALYSE VO18233842

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555821		0.8	49	0.2	6.7	16	29.0
555822		0.8	45	0.4	6.5	22	27.5
555823		0.8	56	0.2	8.0	13	31.7
555824		0.5	49	0.3	6.4	12	21.4
555825		0.5	80	0.3	6.3	22	25.0
555826		0.1	1	0.1	2.0	4	1.6
555827		0.3	50	0.3	5.9	13	16.6
555828		1.0	89	0.3	5.3	15	25.0
555829		0.6	28	0.1	4.7	36	9.5
555830		0.1	13	0.2	3.4	19	4.4
555831		1.4	20	0.2	7.1	13	9.4
555832		0.4	21	0.3	6.4	9	11.2
555833		0.1	8	0.2	4.0	7	2.8
555834		0.2	18	0.2	6.4	8	8.1
555835		0.3	19	0.2	8.0	10	7.9
555836		0.5	25	0.2	8.9	10	10.4
555837		1.7	21	0.3	9.1	30	9.4
555838		0.2	15	0.4	4.9	29	5.6
555839		1.0	153	2.0	19.6	133	149.0
555840		1.2	20	0.7	5.6	17	7.7

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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 30-SEPT-2018
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CERTIFICAT D'ANALYSE VO18233842

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 2-OCT-2018
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CERTIFICAT VO18233843

Projet: Kan

Bon de commande #: KANDH18-RUSH-051

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233843

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555761		2.62	0.008	0.06	0.25	20.6	20	0.94	0.03	3.79	0.02	13.10	7.3	8	2.24	30.0
555762		2.59	<0.001	0.06	0.30	26.2	20	0.74	0.02	1.72	0.03	15.50	7.3	9	3.15	5.2
555763		2.56	<0.001	0.04	0.29	16.3	20	0.57	0.02	1.97	0.03	11.65	5.9	9	3.24	8.3
555764		2.48	<0.001	0.03	0.17	8.3	10	0.60	0.02	1.66	<0.02	10.00	4.9	10	1.55	4.6
555765		2.58	0.002	0.05	0.33	42.5	10	0.95	0.04	3.21	<0.02	14.00	7.6	11	2.10	6.3
555766		0.22	<0.001	<0.01	0.05	<0.2	20	0.05	<0.01	32.7	<0.02	0.94	0.6	1	<0.05	0.7
555767		2.58	<0.001	0.06	0.33	12.7	20	0.69	0.03	5.09	<0.02	11.95	6.2	9	2.71	3.5
555768		2.42	0.101	0.02	0.15	2.0	10	0.41	0.01	5.57	0.02	10.70	5.1	6	2.26	1.7
555769		2.53	0.017	0.06	0.21	12.1	20	0.40	0.02	4.47	0.02	9.64	6.0	11	3.30	2.5
555770		2.57	0.010	0.02	0.17	5.3	10	0.42	0.01	7.57	<0.02	10.95	5.1	7	2.45	1.8
555771		2.08	0.018	0.09	0.14	8.4	10	0.21	0.02	7.44	0.03	8.39	3.9	6	1.34	3.7
555772		2.62	<0.001	0.03	0.09	3.8	10	0.30	0.01	5.72	0.04	6.61	3.8	8	1.24	1.6
555773		2.28	1.970	0.31	0.10	2.0	10	0.20	0.03	2.10	0.07	11.30	4.3	13	0.75	28.8
555774		2.37	1.305	0.18	0.16	4.4	10	0.33	0.02	3.50	0.09	11.35	6.3	9	0.82	14.0
555775		2.78	0.041	0.02	0.23	6.2	20	0.55	0.01	2.37	0.03	12.65	6.1	8	1.76	3.6
555776		2.50	<0.001	0.06	0.15	6.0	10	0.59	0.01	2.91	<0.02	10.75	4.3	7	1.19	1.9
555777		2.59	0.043	0.03	0.24	6.2	20	0.49	0.01	3.02	0.08	10.40	5.1	7	1.82	2.8
555778		2.43	0.062	0.05	0.13	3.8	20	0.31	<0.01	1.77	0.05	5.13	3.3	12	2.60	1.9
555779		0.07	0.672	0.20	6.73	19.4	320	1.37	0.13	4.14	0.19	50.5	39.2	177	1.88	52.6
555780		2.53	1.475	0.06	0.15	47.1	20	0.39	0.02	1.40	0.05	7.47	5.1	8	2.89	15.2

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Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555761		24.6	1.50	0.10	0.1	0.005	0.008	0.06	8.3	0.9	3.29	7000	0.47	0.02	3.1	6.7
555762		27.1	1.97	0.10	0.1	0.007	0.007	0.08	9.5	1.0	3.47	8240	0.49	0.03	2.0	5.1
555763		27.8	1.94	0.09	0.2	<0.005	0.008	0.08	7.2	1.1	3.83	7950	0.44	0.03	2.8	4.1
555764		21.0	1.29	0.07	0.1	0.005	0.006	0.04	5.9	0.7	2.82	6830	0.34	0.02	1.7	4.2
555765		22.2	2.24	0.08	0.2	0.009	0.008	0.05	8.1	2.2	2.99	7960	0.49	0.02	2.4	5.4
555766		0.26	0.18	0.05	<0.1	<0.005	<0.005	<0.01	1.1	0.9	1.22	135	<0.05	0.02	0.1	0.3
555767		20.8	1.80	0.08	0.2	0.007	0.008	0.07	6.5	0.9	3.65	7910	0.45	0.03	3.0	4.8
555768		19.70	0.89	0.07	0.1	0.014	0.005	0.05	5.8	0.7	3.69	8100	0.34	0.02	2.7	3.4
555769		18.35	1.08	0.07	0.1	0.008	0.007	0.08	5.3	0.7	3.30	7670	0.31	0.03	2.5	4.1
555770		17.90	0.89	0.08	0.1	0.012	0.006	0.06	6.1	0.8	4.09	7840	0.29	0.02	2.6	3.2
555771		14.45	0.64	0.06	0.1	<0.005	0.008	0.04	4.6	0.8	3.63	6300	0.23	0.02	1.7	2.6
555772		16.00	0.44	<0.05	0.1	<0.005	0.005	0.04	3.8	0.6	3.88	4670	0.14	0.02	1.2	2.1
555773		16.45	0.55	0.08	<0.1	0.049	0.005	0.04	7.1	1.2	2.98	2830	0.41	0.01	0.4	3.0
555774		19.80	0.74	0.07	<0.1	0.052	<0.005	0.06	6.8	2.7	3.86	4420	0.18	0.02	0.8	2.8
555775		24.9	0.84	0.06	0.1	0.005	0.006	0.11	7.7	3.6	3.63	10850	0.29	0.01	2.9	4.1
555776		21.9	0.58	0.07	0.1	<0.005	0.005	0.05	6.0	2.5	3.37	9180	0.33	0.01	2.2	2.6
555777		25.9	0.91	0.07	0.2	0.010	0.006	0.11	5.8	3.3	4.02	9300	0.40	0.01	2.6	3.3
555778		19.50	0.52	0.05	0.1	0.008	<0.005	0.07	2.9	0.6	3.14	5590	0.14	0.03	1.2	2.3
555779		6.91	17.45	0.08	3.6	0.021	0.065	0.83	22.8	13.2	2.76	899	2.20	1.61	19.1	132.5
555780		22.3	0.66	0.06	0.1	0.015	<0.005	0.08	4.6	0.5	3.00	9050	0.17	0.03	1.2	2.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233843

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555761		340	1.9	2.0	<0.002	0.72	0.14	0.8	1	<0.2	40.9	0.09	0.06	0.31	0.017	<0.02
555762		500	1.2	2.8	<0.002	0.30	0.13	0.7	<1	<0.2	22.8	0.09	0.07	0.37	0.018	<0.02
555763		220	1.4	2.8	<0.002	0.42	0.10	0.7	1	<0.2	23.1	0.11	0.05	0.42	0.022	<0.02
555764		310	1.2	1.4	<0.002	0.33	0.10	0.5	1	<0.2	19.3	0.07	<0.05	0.28	0.016	<0.02
555765		340	2.2	1.8	0.002	0.35	0.15	1.1	1	<0.2	31.6	0.11	<0.05	0.40	0.028	<0.02
555766		60	0.5	0.1	<0.002	<0.01	0.05	0.2	1	<0.2	81.5	<0.05	<0.05	0.06	<0.005	<0.02
555767		260	1.7	2.2	<0.002	0.20	0.15	0.9	1	<0.2	42.1	0.11	<0.05	0.51	0.026	<0.02
555768		280	1.2	1.8	<0.002	0.06	0.09	0.5	1	<0.2	51.0	0.09	<0.05	0.41	0.015	<0.02
555769		240	1.3	2.7	<0.002	0.07	0.11	0.5	<1	<0.2	38.1	0.08	<0.05	0.44	0.018	<0.02
555770		280	1.6	2.1	<0.002	0.04	0.09	0.5	1	<0.2	60.4	0.09	<0.05	0.41	0.020	<0.02
555771		300	1.7	1.3	<0.002	0.09	0.25	0.3	<1	<0.2	56.5	0.06	<0.05	0.41	0.012	<0.02
555772		130	1.1	1.2	<0.002	0.05	0.27	0.2	<1	<0.2	48.8	<0.05	<0.05	0.18	0.009	<0.02
555773		100	4.9	1.7	<0.002	0.67	0.24	0.1	1	<0.2	25.7	<0.05	0.11	0.05	<0.005	0.03
555774		130	2.0	2.4	<0.002	0.50	0.12	0.2	1	<0.2	40.3	<0.05	0.09	0.12	0.005	0.04
555775		460	1.3	4.3	<0.002	0.10	0.16	0.5	1	<0.2	25.0	0.10	0.05	0.49	0.022	0.05
555776		420	3.7	2.1	<0.002	0.05	0.12	0.4	<1	<0.2	25.9	0.08	<0.05	0.38	0.016	0.03
555777		280	3.9	4.6	<0.002	0.07	0.10	0.6	1	0.2	39.6	0.09	<0.05	0.41	0.025	0.07
555778		130	1.1	2.2	<0.002	0.08	0.11	0.2	1	<0.2	27.3	0.05	<0.05	0.16	0.009	<0.02
555779		1110	13.4	36.0	<0.002	0.02	0.99	18.8	1	1.7	333	1.07	0.05	4.89	0.876	0.18
555780		220	1.0	2.4	<0.002	0.39	0.12	0.3	1	0.2	21.9	0.05	0.11	0.19	0.011	<0.02

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Finalisée date: 2-OCT-2018
Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18233843

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555761		0.4	28	0.3	9.2	10	8.7
555762		0.3	34	0.4	8.3	10	7.8
555763		0.3	37	0.3	6.7	13	9.3
555764		0.4	22	0.2	6.4	7	7.0
555765		0.6	33	0.3	8.9	7	12.0
555766		0.1	2	<0.1	2.1	2	1.3
555767		0.4	28	0.3	7.2	8	9.6
555768		0.1	13	0.2	5.9	8	5.3
555769		0.1	16	0.2	4.9	8	6.5
555770		0.1	14	0.2	6.4	7	6.5
555771		0.1	10	0.3	5.2	8	3.9
555772		0.1	8	0.4	4.1	8	3.1
555773		<0.1	10	0.5	3.2	16	3.6
555774		0.1	12	0.3	4.2	19	4.1
555775		0.1	16	0.5	5.6	10	6.2
555776		0.1	11	0.4	5.8	7	5.4
555777		0.2	16	0.5	5.6	14	7.4
555778		0.1	10	0.4	3.7	10	4.1
555779		1.1	140	2.1	19.7	126	140.5
555780		0.1	10	0.2	3.7	9	3.8

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CERTIFICAT D'ANALYSE VO18233843

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 2-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233845

Projet: Kan

Bon de commande #: KANDH18-RUSH-052

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

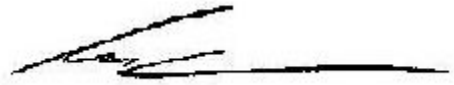
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233845

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555781		2.50	0.158	0.01	0.13	18.3	10	0.25	0.02	4.38	0.11	9.62	4.9	8	2.43	21.4
555782		2.60	0.215	0.13	0.27	0.8	10	0.27	0.02	4.79	0.12	7.10	4.1	6	1.57	41.4
555783		2.36	0.198	0.17	1.05	1.6	20	0.31	0.06	5.33	0.21	15.55	9.9	23	3.43	112.5
555784		2.48	0.691	0.45	0.48	6.9	20	0.29	0.03	0.64	0.50	14.45	6.2	15	2.11	42.8
555785		2.77	0.004	0.01	1.40	35.9	30	0.65	0.04	0.41	0.41	26.7	13.7	41	4.05	9.8
555786		0.21	<0.001	<0.01	0.05	0.4	20	<0.05	0.01	34.8	0.02	0.90	0.7	1	<0.05	0.9
555787		2.52	0.087	0.02	1.29	53.3	10	0.48	0.03	0.63	0.28	23.7	9.7	33	1.84	13.4
555788		2.39	0.042	0.02	0.32	18.9	10	0.23	0.02	1.95	0.11	7.83	4.2	12	1.33	10.7
555789		2.46	0.544	0.05	0.72	12.6	20	0.35	0.04	7.77	0.22	19.75	6.9	18	3.00	11.4
555790		2.33	0.038	0.02	0.40	2.0	30	0.23	0.03	7.47	0.25	13.10	5.6	15	3.51	30.3
555791		1.16	1.155	0.10	0.78	9.1	50	0.37	0.03	4.76	0.23	18.70	6.4	20	7.33	18.6
555792		1.30	0.029	0.01	0.35	3.6	30	0.61	0.01	1.33	0.04	11.45	5.2	9	4.31	7.5
555793		2.50	0.003	0.02	0.36	6.7	10	0.64	0.01	2.05	0.02	10.55	6.4	12	1.23	3.6
555794		2.31	<0.001	0.01	0.32	4.9	30	0.72	0.01	4.82	<0.02	10.20	4.7	11	3.54	2.5
555795		2.42	1.135	0.08	0.67	31.5	30	0.65	0.03	2.61	0.05	16.30	9.1	19	4.79	8.4
555796		2.40	0.103	0.95	0.60	20.3	30	0.63	0.03	1.66	0.03	15.65	7.8	19	4.36	9.1
555797		2.51	0.067	0.02	0.27	11.3	20	0.62	0.01	1.49	<0.02	10.80	6.1	10	3.03	2.6
555798		2.40	0.396	0.18	0.45	12.1	30	0.55	0.02	5.37	<0.02	12.05	6.4	13	3.75	7.1
555799		0.07	2.53	0.42	7.23	11.5	340	1.13	0.17	5.00	0.07	42.9	52.5	320	0.66	81.9
555800		2.41	0.001	0.03	0.38	4.8	20	0.65	0.02	3.05	<0.02	16.35	6.2	14	3.25	3.4

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Projet: Kan

CERTIFICAT D'ANALYSE VO18233845

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555781		23.2	0.76	0.10	0.1	<0.005	0.009	0.07	5.9	0.6	4.21	9290	0.16	0.03	1.4	2.3
555782		19.90	1.36	0.08	<0.1	0.023	0.009	0.05	4.3	0.8	3.81	6310	0.11	0.02	0.6	3.4
555783		19.60	4.68	0.10	0.5	0.019	0.025	0.10	7.8	1.7	3.21	9450	0.95	0.04	4.5	12.1
555784		25.6	2.75	0.13	0.6	0.035	0.046	0.06	7.7	1.1	2.47	32600	0.78	0.03	3.9	8.6
555785		30.1	7.93	0.17	1.2	0.029	0.034	0.13	14.8	2.8	3.05	30700	1.77	0.05	10.0	26.5
555786		0.25	0.20	0.10	<0.1	<0.005	<0.005	0.01	1.1	0.9	1.45	225	0.05	0.02	0.1	0.3
555787		25.2	4.84	0.12	1.0	0.021	0.030	0.07	13.0	2.3	2.74	25100	1.39	0.02	7.7	16.8
555788		17.20	1.28	0.08	0.4	0.010	0.014	0.06	4.1	0.8	2.28	15850	0.79	0.02	3.2	4.9
555789		18.15	2.66	0.10	0.9	0.070	0.023	0.10	10.2	1.8	4.18	15200	0.97	0.04	6.8	8.9
555790		14.75	1.46	0.08	0.2	0.015	0.022	0.11	6.5	1.1	3.46	10350	0.93	0.04	2.0	6.5
555791		21.6	3.19	0.12	0.5	0.059	0.025	0.22	10.5	1.5	3.86	12600	1.24	0.09	4.2	8.8
555792		21.9	1.87	0.10	0.3	0.017	0.011	0.12	5.8	0.8	2.87	14000	0.45	0.05	2.8	6.0
555793		20.7	1.77	0.10	0.3	0.008	0.008	0.04	5.4	0.9	3.24	12400	0.29	0.02	3.0	6.9
555794		19.30	1.55	0.10	0.3	<0.005	0.008	0.10	5.2	0.8	3.51	11850	0.21	0.04	2.6	4.5
555795		23.8	3.04	0.12	0.6	0.017	0.026	0.16	8.5	1.9	3.60	14250	0.35	0.05	5.3	10.5
555796		24.0	2.64	0.12	0.4	0.014	0.031	0.13	8.5	1.3	3.39	14000	0.71	0.05	3.8	7.7
555797		23.2	1.35	0.13	0.2	0.010	0.005	0.09	5.7	0.6	3.42	10700	0.39	0.04	2.3	5.7
555798		20.5	2.19	0.10	0.2	0.035	0.008	0.11	5.8	1.3	3.85	9260	0.25	0.04	3.2	5.7
555799		7.86	18.05	0.19	3.4	0.046	0.064	1.02	21.7	9.0	5.86	1120	3.08	2.07	27.9	368
555800		22.3	2.06	0.13	0.2	0.005	0.008	0.09	8.1	1.0	3.43	10650	0.29	0.04	3.4	5.9

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CERTIFICAT D'ANALYSE VO18233845

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555781		350	1.5	2.1	<0.002	0.48	0.16	0.4	1	0.2	65.9	0.05	0.06	0.23	0.012	<0.02
555782		80	2.2	1.5	<0.002	1.30	0.11	0.3	2	0.2	72.6	<0.05	0.08	0.08	<0.005	<0.02
555783		390	4.1	3.4	<0.002	3.12	0.21	2.0	6	0.7	113.0	0.24	0.17	0.90	0.082	0.02
555784		350	2.6	2.1	<0.002	0.62	0.15	1.2	1	1.0	8.3	0.27	0.05	0.89	0.046	<0.02
555785		640	1.4	4.2	<0.002	0.22	0.27	4.1	1	1.4	4.9	0.53	0.10	1.80	0.171	0.02
555786		40	0.9	0.1	<0.002	<0.01	<0.05	0.2	1	<0.2	84.8	<0.05	<0.05	0.06	<0.005	<0.02
555787		710	1.3	2.5	0.002	0.46	0.15	3.3	1	1.0	9.2	0.47	0.11	1.59	0.141	0.02
555788		360	1.0	2.1	<0.002	0.25	0.11	0.9	1	0.4	24.3	0.19	<0.05	0.58	0.039	<0.02
555789		520	5.8	3.3	<0.002	0.45	0.20	1.8	1	0.9	120.0	0.49	<0.05	1.41	0.081	0.02
555790		850	3.4	3.5	<0.002	0.92	0.15	1.1	2	0.6	118.0	0.13	0.07	0.52	0.033	<0.02
555791		540	7.8	7.0	<0.002	0.57	0.28	2.0	1	0.9	69.6	0.23	0.06	0.86	0.073	0.02
555792		370	0.9	3.9	<0.002	0.16	0.14	1.1	1	0.5	19.0	0.17	0.05	0.45	0.048	<0.02
555793		350	0.9	1.1	<0.002	0.08	0.08	1.0	1	<0.2	22.4	0.19	0.05	0.48	0.053	<0.02
555794		310	1.6	3.1	<0.002	0.08	0.10	1.0	1	0.2	59.2	0.16	<0.05	0.42	0.044	<0.02
555795		480	2.8	5.6	<0.002	0.39	0.19	2.0	1	0.4	39.5	0.32	0.12	0.86	0.094	0.03
555796		520	1.3	4.3	<0.002	0.33	0.12	1.5	1	0.2	25.0	0.19	0.07	0.67	0.061	0.02
555797		340	0.7	2.6	<0.002	0.10	0.06	0.7	1	<0.2	18.9	0.09	<0.05	0.39	0.029	<0.02
555798		190	1.8	3.4	<0.002	0.23	0.08	1.1	1	<0.2	51.7	0.13	0.06	0.68	0.033	<0.02
555799		1950	4.5	30.2	<0.002	0.04	0.32	21.0	1	1.3	505	1.53	0.08	2.58	1.115	0.06
555800		640	1.0	2.9	<0.002	0.10	0.08	1.1	1	<0.2	30.5	0.13	<0.05	0.63	0.033	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233845

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555781		0.1	12	0.2	5.2	14	4.3
555782		0.1	14	0.4	4.2	18	3.5
555783		0.5	46	0.3	6.3	43	23.6
555784		0.5	27	0.2	5.3	103	26.4
555785		1.3	87	0.3	9.2	183	51.2
555786		0.1	1	<0.1	1.8	4	1.2
555787		1.0	77	0.2	6.8	141	44.4
555788		0.4	21	0.2	3.8	32	15.9
555789		0.8	47	0.3	7.7	44	40.8
555790		1.0	23	0.2	6.8	41	9.9
555791		0.7	42	0.2	6.5	64	24.0
555792		0.2	29	0.2	5.2	16	14.1
555793		0.2	29	0.2	5.2	10	14.7
555794		0.2	25	0.2	5.6	9	12.0
555795		0.5	45	0.3	7.4	17	27.2
555796		0.5	36	0.5	6.6	15	17.4
555797		0.2	18	0.2	5.0	8	9.0
555798		0.4	26	0.4	5.8	10	9.7
555799		0.6	156	3.2	21.0	109	149.0
555800		0.4	24	0.3	7.1	9	9.8

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CERTIFICAT D'ANALYSE VO18233845

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 13-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233846

Projet: Kan

Bon de commande #: KANDH18-124

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

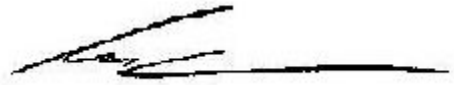
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233846

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558511		4.96	<0.001	0.02	6.51	<0.2	30	0.22	0.02	6.47	0.06	6.19	66.5	315	0.20	85.7
558512		4.89	<0.001	0.04	7.02	1.3	30	0.25	0.02	6.82	0.08	6.10	59.6	261	0.24	124.0
558513		4.74	<0.001	0.02	6.74	0.8	30	0.25	0.02	6.73	0.06	6.18	63.2	292	0.27	79.9
558514		4.89	<0.001	0.02	6.57	0.2	10	0.27	0.02	6.75	0.04	6.35	60.0	303	0.30	50.1
558515		4.83	<0.001	0.04	7.13	<0.2	10	0.29	0.03	6.70	0.07	8.36	47.0	286	0.42	102.0
558516		0.18	<0.001	0.01	0.14	<0.2	20	<0.05	0.02	33.9	<0.02	1.06	1.2	7	<0.05	2.1
558517		4.95	<0.001	0.04	6.80	0.3	70	0.37	0.03	6.25	0.07	15.95	57.7	44	2.85	309
558518		4.89	<0.001	0.04	7.86	<0.2	10	0.34	0.04	7.08	0.05	8.29	52.6	237	0.25	55.6
558519		4.72	<0.001	0.03	7.17	0.2	10	0.29	0.04	6.99	0.12	7.38	52.0	195	0.55	138.0
558520		4.57	<0.001	0.03	6.77	0.5	40	0.31	0.04	6.09	0.06	5.15	63.8	271	0.50	92.6
558521		5.03	<0.001	0.04	7.75	0.6	100	0.28	0.05	6.68	0.12	5.39	49.5	261	0.60	164.0
558522		4.85	<0.001	0.03	7.13	0.2	170	0.39	0.04	4.83	0.08	7.81	53.2	246	1.30	125.5
558523		2.26	<0.001	0.03	7.13	<0.2	240	0.70	0.04	5.89	0.06	27.7	37.8	142	3.91	74.7
558524		4.42	<0.001	0.01	7.93	<0.2	830	1.72	0.02	0.54	<0.02	81.3	11.4	64	12.15	1.0
558525		2.83	<0.001	0.01	8.15	<0.2	800	2.02	0.02	0.73	<0.02	85.6	10.1	65	8.39	1.5
558526		6.45	<0.001	0.03	7.14	0.2	130	0.51	0.03	6.67	0.12	11.50	50.3	118	4.05	146.5
558527		4.76	<0.001	0.05	7.39	0.8	80	0.40	0.03	6.57	0.12	8.83	53.7	123	2.04	195.5
558528		4.62	<0.001	0.04	7.56	10.5	80	0.47	0.03	6.19	0.11	9.40	53.0	115	2.21	185.0
558529		0.07	7.70	1.38	6.26	35.2	320	1.08	0.51	3.05	0.09	31.7	42.4	326	0.70	117.0
558530		2.31	<0.001	0.01	8.16	<0.2	920	1.87	0.02	1.47	<0.02	86.9	15.4	71	6.88	7.2

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Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233846

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558511		7.90	14.40	0.06	0.7	0.011	0.050	0.14	2.3	24.3	6.32	1180	0.26	1.15	2.1	352
558512		7.30	15.40	0.06	0.7	0.014	0.046	0.16	2.2	21.4	5.64	1080	0.39	1.41	2.3	310
558513		7.79	14.20	0.07	0.7	0.018	0.050	0.15	2.3	23.3	6.28	1200	0.19	1.29	2.2	338
558514		7.86	14.60	0.07	0.7	0.007	0.053	0.11	2.3	21.8	5.82	1270	0.23	1.38	2.2	296
558515		7.89	17.25	0.07	0.7	0.020	0.064	0.13	2.9	17.2	4.51	1260	0.32	1.89	2.7	137.0
558516		0.27	0.34	<0.05	<0.1	<0.005	<0.005	0.01	1.2	1.2	1.24	107	0.09	0.04	0.1	1.7
558517		11.65	18.55	0.07	1.1	0.010	0.109	0.57	5.8	18.6	3.65	1580	0.43	1.34	5.4	60.6
558518		8.56	16.80	0.07	0.8	0.005	0.059	0.04	3.3	20.2	4.76	1380	0.72	1.90	2.6	160.5
558519		8.35	15.30	0.06	0.6	0.008	0.067	0.11	2.7	20.2	4.83	1380	0.35	1.96	2.6	172.0
558520		8.13	12.60	0.07	0.4	0.007	0.041	0.20	1.9	32.0	6.62	1360	0.18	1.48	1.7	320
558521		7.45	16.35	0.06	0.5	<0.005	0.052	0.45	2.1	28.9	5.16	1160	0.21	1.70	2.0	215
558522		8.67	15.95	0.09	0.5	<0.005	0.066	0.89	3.0	40.5	6.43	1220	0.24	1.39	2.8	188.0
558523		8.35	17.45	0.09	1.3	0.006	0.061	1.68	13.7	51.4	4.38	1320	0.31	0.65	4.6	63.9
558524		3.85	18.15	0.14	2.9	<0.005	0.006	3.71	42.3	41.2	2.09	356	0.16	2.18	10.2	34.3
558525		3.11	18.65	0.16	2.8	<0.005	0.005	3.40	45.3	38.4	2.06	374	0.15	2.71	10.7	33.8
558526		9.29	16.65	0.09	0.6	0.009	0.076	1.22	4.5	39.7	4.58	1410	0.32	1.00	3.3	120.0
558527		9.59	17.25	0.07	0.6	0.006	0.080	0.69	3.2	31.2	5.02	1410	0.35	1.49	3.2	142.0
558528		8.93	17.60	0.07	0.7	0.005	0.078	0.70	3.4	37.4	4.94	1380	0.29	1.63	3.3	135.0
558529		5.65	15.55	0.08	2.4	0.162	0.049	1.08	16.5	16.8	4.10	771	6.08	1.22	17.7	257
558530		5.40	23.5	0.15	2.7	<0.005	0.023	3.31	44.6	46.7	2.27	639	0.26	1.34	10.3	37.1

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Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233846

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558511		240	1.5	3.0	<0.002	0.07	0.30	15.0	1	0.4	118.0	0.13	<0.05	0.19	0.401	0.03
558512		250	1.5	3.4	0.002	0.03	0.33	17.0	<1	0.5	136.0	0.15	<0.05	0.16	0.421	0.04
558513		260	1.4	3.1	<0.002	0.01	0.29	16.0	<1	0.4	121.0	0.13	<0.05	0.16	0.425	0.03
558514		240	1.4	2.4	0.002	0.01	0.33	19.0	1	0.5	124.5	0.13	<0.05	0.17	0.428	0.04
558515		310	1.5	3.2	0.002	0.01	0.27	28.0	<1	0.9	138.0	0.16	<0.05	0.20	0.545	0.03
558516		50	0.6	0.2	<0.002	<0.01	<0.05	0.6	1	<0.2	82.7	<0.05	<0.05	0.08	0.010	<0.02
558517		610	1.5	22.1	0.003	0.67	0.21	50.7	3	1.0	85.2	0.33	<0.05	0.45	1.230	0.13
558518		320	3.6	0.8	0.002	0.01	0.62	34.5	1	0.6	136.0	0.16	<0.05	0.45	0.554	<0.02
558519		300	1.3	2.7	0.002	0.02	0.29	35.4	1	0.6	104.5	0.16	<0.05	0.21	0.596	0.02
558520		210	1.1	3.9	<0.002	0.01	0.40	23.5	1	0.4	102.0	0.10	<0.05	0.13	0.395	0.02
558521		240	1.6	6.1	0.002	0.02	0.45	26.6	1	0.5	166.0	0.13	<0.05	0.14	0.452	0.03
558522		350	0.9	16.0	0.002	0.02	0.36	34.3	1	0.5	66.7	0.17	<0.05	0.22	0.583	0.06
558523		440	1.7	41.5	0.002	0.02	0.26	34.3	<1	0.6	70.5	0.31	<0.05	2.85	0.667	0.20
558524		400	2.3	69.8	<0.002	<0.01	0.14	10.8	<1	0.3	16.2	0.69	<0.05	13.45	0.353	0.25
558525		350	2.3	58.1	<0.002	<0.01	0.14	11.4	<1	0.3	17.0	0.71	<0.05	13.75	0.365	0.20
558526		380	2.2	29.5	0.003	0.07	0.66	40.6	1	0.5	128.5	0.20	<0.05	0.51	0.666	0.13
558527		390	2.3	13.5	0.002	0.08	1.05	40.7	1	0.6	160.5	0.18	<0.05	0.25	0.676	0.07
558528		390	2.1	16.6	0.003	0.11	1.36	41.1	1	0.6	152.0	0.19	<0.05	0.26	0.705	0.09
558529		1160	9.8	39.2	<0.002	0.08	0.77	19.0	1	1.0	287	0.93	0.22	2.38	0.707	0.20
558530		370	2.7	49.7	<0.002	<0.01	0.12	11.7	1	0.6	31.6	0.71	<0.05	11.80	0.386	0.22

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CERTIFICAT D'ANALYSE VO18233846

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558511		0.1	204	0.1	13.3	73	23.8
558512		0.1	210	0.1	14.2	64	25.5
558513		0.1	209	0.1	13.9	70	26.4
558514		0.1	225	0.1	14.5	74	23.0
558515		0.1	284	0.1	18.4	76	21.2
558516		0.3	4	0.1	2.2	4	1.4
558517		0.1	587	0.2	33.6	103	37.9
558518		0.1	280	0.1	17.1	87	29.2
558519		0.1	298	0.1	18.4	83	16.7
558520		<0.1	202	0.1	12.1	81	13.4
558521		0.1	237	0.1	13.5	66	15.7
558522		0.1	294	0.1	18.3	80	15.9
558523		0.5	301	0.2	26.2	74	55.7
558524		2.4	71	0.6	17.8	12	110.0
558525		2.2	71	0.6	18.0	13	108.5
558526		0.1	340	0.2	23.6	98	17.6
558527		0.1	349	0.1	22.7	103	16.8
558528		0.1	355	0.1	24.3	94	23.0
558529		0.6	148	9.0	15.4	87	103.0
558530		2.1	84	0.5	18.9	26	106.5

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QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233846

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2018
Compte: MINVIR

CERTIFICAT VO18233848

Projet: Kan

Bon de commande #: KANDH18- RUSH- 053

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20- SEPT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 30- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233848

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
555801		2.46	0.089	0.03	0.35	7.7	30	0.51	0.02	2.74	0.03	11.95	5.7	13	3.84	10.2
555802		2.49	<0.001	0.01	0.28	13.7	20	0.66	0.02	1.52	<0.02	10.75	5.4	11	2.19	4.4
555803		2.37	0.042	0.01	0.32	12.6	10	0.73	0.02	2.74	<0.02	10.25	6.0	14	1.65	5.7
555804		2.41	0.009	0.01	0.30	8.2	10	0.64	0.01	2.76	<0.02	13.10	5.4	17	1.59	3.8
555805		2.45	<0.001	0.01	0.23	4.3	10	0.45	0.01	3.98	<0.02	12.10	4.9	12	1.84	2.2
555806		0.47	0.002	<0.01	0.06	0.6	10	0.08	0.01	32.7	0.02	1.29	0.6	1	<0.05	0.9
555807		2.73	<0.001	0.02	0.68	8.1	40	0.49	0.03	3.43	0.03	25.8	9.9	27	7.19	3.7
555808		2.60	0.001	0.01	0.31	6.9	30	0.60	0.02	3.95	0.02	19.75	6.0	14	5.05	9.2
555809		2.65	0.115	0.02	0.21	5.0	20	0.58	0.01	1.99	0.02	12.75	5.2	11	3.76	4.6
555810		2.62	0.093	0.01	0.11	6.0	10	0.46	0.01	1.34	0.03	7.88	3.4	5	1.20	8.4
555811		2.85	0.122	0.03	0.16	7.2	20	0.33	0.02	2.99	0.07	13.25	4.8	7	2.80	12.9
555812		2.57	<0.001	0.01	0.31	6.1	30	0.63	0.01	3.47	0.02	15.70	6.4	14	5.35	3.1
555813		2.66	<0.001	0.01	0.41	3.3	40	0.65	0.02	1.95	<0.02	11.75	6.4	15	6.72	3.9
555814		2.40	<0.001	0.02	0.41	4.1	30	0.72	0.01	3.41	<0.02	11.15	5.4	18	4.78	5.3
555815		2.44	<0.001	0.01	0.45	5.9	40	0.94	0.01	2.49	0.02	18.85	7.3	19	6.09	6.3
555816		2.54	0.101	0.02	0.24	2.5	20	0.44	0.03	2.60	0.04	11.70	4.1	16	3.59	11.7
555817		2.46	0.001	0.01	0.39	3.0	20	0.56	0.01	2.10	<0.02	12.10	6.1	15	3.41	3.6
555818		2.46	0.011	0.01	0.27	3.4	10	0.71	0.01	7.60	<0.02	8.28	4.2	12	1.71	2.4
555819		0.07	7.82	1.30	5.99	33.6	310	0.90	0.49	2.86	0.09	30.7	39.6	298	0.64	113.0
555820		2.45	0.016	0.03	0.50	11.2	10	0.80	0.02	3.40	<0.02	12.90	6.0	17	2.15	4.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233848

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
555801		21.1	1.72	0.06	0.2	<0.005	0.009	0.12	6.5	0.9	3.13	10000	0.25	0.04	3.5	6.3
555802		21.7	1.16	0.06	0.2	0.006	0.006	0.08	6.5	1.0	3.27	11150	0.21	0.02	2.3	5.7
555803		19.55	1.40	0.05	0.3	0.007	0.006	0.06	5.7	1.1	3.22	10000	0.28	0.02	3.0	6.4
555804		19.70	1.40	0.06	0.2	0.005	0.007	0.05	7.0	1.0	3.15	9190	0.22	0.02	3.2	5.1
555805		18.90	1.01	0.05	0.2	<0.005	0.005	0.06	6.0	0.8	3.75	7600	0.18	0.02	4.3	4.4
555806		0.27	0.19	<0.05	<0.1	<0.005	<0.005	0.01	1.4	1.4	2.36	209	<0.05	0.03	0.1	0.3
555807		22.1	2.88	0.06	0.5	0.028	0.014	0.21	10.4	1.7	3.78	8430	0.28	0.08	10.0	10.3
555808		24.0	1.33	0.07	0.3	0.018	0.008	0.15	8.8	0.9	3.65	9210	0.24	0.06	6.4	4.7
555809		20.7	1.07	0.05	0.2	0.016	0.006	0.11	6.8	0.6	3.02	7500	0.21	0.04	3.4	4.0
555810		23.2	0.47	0.06	0.1	0.014	<0.005	0.04	4.8	0.4	3.32	7150	0.20	0.02	0.8	3.1
555811		23.0	0.72	0.06	0.1	0.024	0.005	0.08	7.7	0.6	3.63	8510	0.13	0.03	1.6	3.6
555812		21.6	1.41	0.06	0.2	0.020	0.007	0.16	7.8	0.8	3.60	10000	0.20	0.06	3.0	5.7
555813		22.2	1.89	0.06	0.2	0.026	0.009	0.19	6.3	0.8	3.32	10300	0.25	0.08	3.9	6.2
555814		17.85	1.89	<0.05	0.3	0.027	0.008	0.14	5.7	1.1	3.11	8600	0.30	0.06	3.8	4.5
555815		20.7	2.07	0.07	0.3	0.088	0.009	0.17	9.0	1.0	3.20	9990	0.30	0.07	4.0	6.8
555816		15.85	1.03	0.05	0.1	0.021	0.006	0.11	6.0	0.7	2.67	7720	0.28	0.04	2.3	4.1
555817		20.5	1.79	0.05	0.2	0.015	0.007	0.10	6.3	1.0	3.18	10500	0.23	0.04	3.2	5.8
555818		14.50	1.23	0.05	0.2	0.018	0.006	0.05	4.5	1.2	3.96	7960	0.21	0.02	1.8	4.3
555819		5.44	14.25	0.07	2.3	0.164	0.051	1.03	15.7	14.8	3.98	741	5.73	1.16	16.7	249
555820		20.9	2.03	0.06	0.4	0.014	0.009	0.06	7.2	1.4	3.73	12850	0.43	0.03	3.3	7.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233848

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
555801		370	1.5	3.8	<0.002	0.29	0.10	0.9	<1	0.2	27.3	0.13	<0.05	0.70	0.033	0.02
555802		370	1.0	2.8	<0.002	0.13	0.10	0.7	1	<0.2	16.5	0.10	<0.05	0.48	0.032	<0.02
555803		420	1.5	2.2	<0.002	0.19	0.11	0.8	1	<0.2	22.8	0.13	0.06	0.57	0.036	0.02
555804		400	1.2	1.9	<0.002	0.10	0.10	0.8	<1	<0.2	22.4	0.11	<0.05	0.61	0.030	<0.02
555805		340	1.4	1.9	<0.002	0.04	0.09	0.7	1	<0.2	34.8	0.17	<0.05	0.68	0.033	<0.02
555806		70	0.5	0.1	<0.002	<0.01	0.06	0.1	1	<0.2	78.7	<0.05	<0.05	0.07	0.005	<0.02
555807		560	1.6	6.5	<0.002	0.08	0.15	1.7	1	0.2	41.6	0.39	0.07	1.92	0.079	0.02
555808		420	1.7	4.7	<0.002	0.23	0.13	0.9	1	<0.2	53.2	0.20	0.05	1.16	0.042	0.02
555809		320	0.9	3.6	<0.002	0.20	0.12	0.5	1	<0.2	25.4	0.11	0.06	0.48	0.023	<0.02
555810		270	0.8	1.3	<0.002	0.34	0.08	0.3	<1	<0.2	19.3	<0.05	<0.05	0.13	0.010	<0.02
555811		510	1.3	2.6	<0.002	0.58	0.10	0.3	1	<0.2	45.2	0.06	0.08	0.26	0.012	<0.02
555812		440	1.2	5.0	<0.002	0.10	0.14	0.8	<1	<0.2	42.3	0.11	<0.05	0.56	0.029	<0.02
555813		300	1.2	6.1	<0.002	0.12	0.27	1.0	1	<0.2	23.3	0.14	0.05	0.81	0.037	0.02
555814		330	1.6	4.3	<0.002	0.17	0.18	1.1	1	<0.2	36.3	0.14	<0.05	0.79	0.043	<0.02
555815		950	1.4	5.5	<0.002	0.17	0.29	1.2	1	<0.2	28.8	0.15	<0.05	0.89	0.043	0.02
555816		420	1.4	3.5	<0.002	0.28	0.09	0.7	1	<0.2	30.3	0.07	<0.05	0.49	0.021	<0.02
555817		410	1.0	3.0	<0.002	0.09	0.12	1.1	1	<0.2	20.3	0.12	<0.05	0.66	0.037	<0.02
555818		340	2.0	1.8	<0.002	0.05	0.09	0.8	1	<0.2	59.2	0.08	<0.05	0.33	0.026	<0.02
555819		1090	9.6	37.6	<0.002	0.08	0.79	20.0	1	1.0	273	0.91	0.25	2.40	0.665	0.20
555820		430	1.3	2.1	<0.002	0.14	0.11	1.3	1	<0.2	30.5	0.16	<0.05	0.60	0.051	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233848

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
555801		0.4	22	0.4	5.8	10	10.0
555802		0.2	18	0.3	5.9	7	10.1
555803		0.3	21	0.3	6.6	7	10.7
555804		0.3	21	0.2	6.5	7	8.7
555805		0.1	17	0.2	5.4	7	9.8
555806		0.1	1	0.1	2.2	7	1.4
555807		0.3	37	0.3	6.6	16	21.7
555808		0.2	22	0.3	6.8	11	12.0
555809		0.1	15	0.2	5.1	7	7.4
555810		0.1	8	0.2	4.0	7	3.5
555811		0.1	12	0.2	5.2	11	4.8
555812		0.3	21	0.3	6.4	9	8.3
555813		0.4	25	0.2	5.7	8	10.4
555814		0.5	25	0.2	5.6	8	11.7
555815		1.2	27	0.3	7.8	8	11.8
555816		0.2	17	0.2	5.1	8	6.3
555817		0.4	24	0.2	6.2	8	9.7
555818		0.2	19	0.4	6.3	5	7.5
555819		0.6	142	9.2	14.9	84	96.8
555820		0.4	29	0.4	6.7	10	14.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233848

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 13-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233850

Projet: Kan

Bon de commande #: KANDH18-125

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

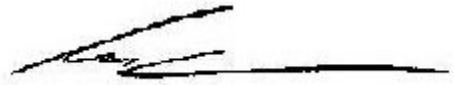
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233850

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558531		4.25	<0.001	0.04	6.64	5.0	100	0.36	0.12	6.09	0.09	9.63	44.6	151	4.42	128.5
558532		3.12	<0.001	0.12	6.80	36.2	180	0.49	0.08	5.99	0.07	10.05	58.6	149	8.68	116.5
558533		3.87	<0.001	0.04	6.61	8.8	930	1.60	0.05	3.02	0.02	53.0	16.8	75	9.78	2.6
558534		4.21	<0.001	0.04	7.11	8.8	900	1.68	0.05	2.74	0.08	46.4	23.4	115	15.30	53.8
558535		4.16	<0.001	0.03	7.58	<0.2	850	1.91	0.11	0.84	<0.02	68.1	12.4	71	7.24	25.7
558536		0.32	<0.001	0.01	0.10	<0.2	20	0.07	0.05	32.8	<0.02	1.45	0.6	2	0.07	1.0
558537		4.29	<0.001	0.07	6.81	3.5	620	1.67	0.22	0.36	0.03	51.0	12.2	67	7.12	28.5
558538		4.33	<0.001	0.45	7.19	1.8	700	1.68	0.17	0.35	0.04	50.8	11.2	69	4.82	30.1
558539		4.44	<0.001	0.08	8.44	13.5	670	1.77	0.17	1.16	0.14	48.1	30.8	130	2.74	80.6
558540		4.27	<0.001	0.09	7.51	21.8	400	1.67	0.15	2.51	0.19	47.3	25.4	112	2.15	92.6
558541		4.45	<0.001	0.09	7.49	10.6	420	2.25	0.22	0.55	0.06	38.6	15.9	97	3.15	38.2
558542		4.48	<0.001	0.09	6.99	2.6	370	2.29	0.21	0.24	0.04	28.8	12.5	96	3.45	57.0
558543		4.38	<0.001	0.04	6.81	7.8	360	2.08	0.19	0.15	0.03	28.4	12.1	89	4.01	30.1
558544		2.19	0.002	0.30	6.31	15.7	310	1.87	0.27	1.50	0.40	47.2	17.2	76	3.68	94.2
558545		2.55	0.025	1.40	5.56	5.9	190	1.16	1.28	0.84	5.13	50.8	26.2	70	3.54	459
558546		4.76	<0.001	0.34	6.63	19.6	360	1.84	0.34	0.63	1.41	48.7	23.6	81	4.56	156.0
558547		4.91	<0.001	0.06	6.93	61.9	360	2.08	0.14	0.07	0.02	25.1	12.3	91	4.53	31.1
558548		4.10	0.005	0.72	7.05	2.5	380	2.06	1.14	0.71	1.54	50.5	13.8	83	4.40	78.5
558549		0.07	0.673	0.21	6.92	20.5	330	1.44	0.16	4.46	0.19	48.6	42.6	205	1.74	54.6
558550		3.92	0.007	0.44	7.11	3.2	220	1.51	0.27	0.54	2.32	61.9	30.7	112	4.67	115.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233850

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558531		8.95	15.95	0.06	0.7	<0.005	0.070	1.07	3.4	54.4	4.25	1380	0.23	1.09	3.1	81.7
558532		8.75	16.55	0.06	0.8	0.027	0.072	1.92	3.7	62.3	4.09	1420	0.21	1.30	3.3	84.6
558533		4.26	15.65	0.11	2.8	<0.005	0.015	3.99	24.3	51.3	2.14	860	0.11	0.82	8.4	40.9
558534		5.24	16.00	0.12	2.4	0.005	0.028	4.71	22.1	56.8	2.33	907	0.23	0.35	7.0	60.0
558535		4.00	21.9	0.16	3.6	<0.005	0.034	4.97	31.1	61.2	1.55	537	0.27	0.04	9.6	32.4
558536		0.14	0.28	0.05	0.1	<0.005	<0.005	0.03	1.4	1.4	1.42	93	0.06	0.03	0.2	0.5
558537		3.81	20.5	0.14	4.3	0.008	0.042	4.57	22.2	52.3	1.30	399	0.28	0.25	8.8	32.0
558538		3.40	20.9	0.14	4.6	<0.005	0.037	4.59	22.0	49.4	1.30	294	0.64	0.26	8.4	32.6
558539		6.16	20.2	0.13	3.5	0.008	0.062	3.60	24.2	52.6	2.77	744	2.37	0.04	3.4	73.6
558540		8.42	19.30	0.14	2.0	0.006	0.052	2.59	23.9	48.3	3.00	1130	0.90	0.05	5.1	57.8
558541		5.51	23.7	0.13	2.3	<0.005	0.050	3.90	16.9	44.2	1.38	368	0.54	0.08	7.5	38.9
558542		4.82	26.0	0.13	2.6	0.006	0.057	4.23	12.2	45.7	1.07	223	1.50	0.11	8.0	39.6
558543		4.64	24.8	0.12	2.8	0.008	0.053	4.30	11.9	39.9	0.95	311	0.50	0.15	8.4	33.7
558544		8.01	17.95	0.14	1.6	0.041	0.059	3.09	22.9	32.0	1.34	822	4.26	0.29	5.2	59.3
558545		16.60	14.85	0.18	2.5	0.373	0.185	2.68	27.8	21.7	0.70	254	31.3	0.61	4.5	145.5
558546		7.75	22.2	0.13	2.5	0.100	0.094	4.00	22.2	36.6	1.01	257	4.97	0.11	4.0	56.0
558547		4.44	25.3	0.12	3.1	0.015	0.048	4.50	10.3	37.0	0.88	219	0.72	0.28	6.9	34.5
558548		6.54	22.6	0.15	2.7	0.153	0.434	4.10	23.4	38.8	1.08	373	2.31	0.21	3.6	35.6
558549		7.30	19.65	0.13	3.9	0.021	0.064	0.87	20.6	15.4	2.85	942	2.30	1.72	19.4	142.0
558550		12.45	22.2	0.17	4.4	0.268	0.137	3.96	32.6	31.9	0.75	267	11.85	0.51	7.5	85.0

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Projet: Kan

CERTIFICAT D'ANALYSE VO18233850

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558531		390	1.7	30.5	0.002	0.08	0.67	43.2	<1	0.5	81.4	0.20	<0.05	0.33	0.692	0.15
558532		410	2.2	61.6	0.003	0.06	0.38	44.4	<1	0.4	75.4	0.21	<0.05	0.27	0.691	0.30
558533		330	3.9	47.2	<0.002	<0.01	0.54	13.8	<1	0.3	55.2	0.61	<0.05	7.66	0.378	0.41
558534		320	3.6	81.4	0.002	0.05	0.58	22.3	<1	0.4	51.3	0.50	<0.05	6.50	0.471	0.73
558535		380	3.8	81.7	0.002	0.10	0.68	10.9	1	1.2	23.4	0.71	0.05	12.10	0.351	0.60
558536		60	<0.5	0.9	<0.002	<0.01	0.09	0.2	1	<0.2	83.2	<0.05	<0.05	0.15	0.007	<0.02
558537		340	12.9	96.8	0.003	0.11	0.68	9.4	<1	1.3	18.4	0.66	0.11	10.85	0.323	0.79
558538		300	15.5	105.5	0.005	0.34	0.81	9.3	1	1.4	22.4	0.62	0.27	11.80	0.317	0.76
558539		410	5.9	114.5	0.004	0.92	0.84	29.7	2	1.0	47.8	0.24	0.12	8.79	0.296	0.59
558540		590	5.6	93.7	0.003	0.68	0.55	24.1	2	1.1	93.3	0.40	0.13	7.95	0.401	0.54
558541		220	11.8	91.0	0.003	0.37	0.81	14.7	1	1.4	33.0	0.58	0.08	8.73	0.360	0.85
558542		200	11.8	103.5	0.003	0.61	1.28	11.9	1	1.7	29.1	0.62	0.09	7.97	0.324	1.01
558543		190	9.5	116.0	<0.002	0.30	1.05	10.4	1	1.6	27.2	0.66	0.09	8.39	0.318	1.14
558544		310	37.8	97.2	0.009	3.22	2.21	9.6	4	1.6	107.5	0.38	0.27	8.48	0.168	1.30
558545		340	257	93.2	0.043	9.72	11.55	11.0	9	2.0	53.7	0.26	1.26	4.75	0.126	1.47
558546		200	27.1	102.0	0.007	4.46	3.55	10.0	3	2.3	48.9	0.25	0.37	9.80	0.162	1.93
558547		200	6.5	116.5	0.002	0.88	1.34	10.8	1	1.7	25.5	0.46	0.09	8.32	0.266	2.00
558548		200	118.5	117.5	0.004	3.24	1.47	10.8	4	4.2	65.0	0.21	1.14	10.85	0.159	1.76
558549		1160	14.3	24.5	0.002	0.03	1.05	18.6	<1	1.7	347	1.19	0.05	4.79	0.918	0.20
558550		310	25.5	105.5	0.013	7.41	6.40	18.4	4	2.7	56.1	0.42	0.49	5.37	0.222	2.47

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QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233850

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558531		0.1	351	0.2	23.8	94	23.8
558532		0.1	356	0.8	24.9	75	33.3
558533		1.7	106	0.8	17.0	28	93.3
558534		1.4	175	0.7	12.5	40	81.9
558535		2.4	69	1.1	10.3	49	125.0
558536		0.2	2	0.1	2.4	4	2.1
558537		2.2	71	0.9	7.1	83	149.0
558538		2.6	81	0.8	6.2	82	160.0
558539		2.5	254	0.8	7.8	111	122.0
558540		1.8	189	0.8	7.1	115	67.7
558541		1.6	117	1.3	4.3	79	78.6
558542		1.8	113	1.2	3.3	86	89.2
558543		1.3	73	1.3	3.1	78	88.3
558544		3.0	107	1.0	5.4	141	56.5
558545		21.7	311	1.3	8.7	1200	91.4
558546		3.6	95	1.0	5.2	380	85.2
558547		1.3	68	1.3	2.5	74	103.5
558548		2.3	70	1.6	4.6	504	87.9
558549		1.2	147	2.3	19.8	132	145.5
558550		12.2	165	1.1	9.7	654	164.5

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CERTIFICAT D'ANALYSE VO18233850

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 12-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233859

Projet: Kan

Bon de commande #: KANDH18-119

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

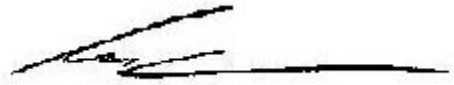
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233859

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558361		4.45	<0.001	0.10	7.96	2.2	540	1.96	0.20	0.72	0.58	45.8	12.6	77	6.32	57.9
558362		4.47	<0.001	0.08	8.64	5.1	800	1.97	0.09	1.48	0.15	60.9	18.6	87	3.60	64.5
558363		4.46	<0.001	0.08	8.27	9.1	680	1.99	0.13	0.44	0.08	71.4	14.3	66	3.84	41.1
558364		4.84	<0.001	0.07	9.44	3.7	670	2.52	0.17	0.10	0.03	131.0	14.1	66	3.78	32.9
558365		4.51	<0.001	0.05	9.40	4.5	690	2.46	0.18	0.15	0.04	96.4	14.7	68	3.66	19.6
558366		4.41	<0.001	0.05	9.59	6.6	700	2.67	0.18	0.17	0.06	159.5	15.9	71	4.01	36.5
558367		4.40	<0.001	0.10	10.10	5.7	690	2.43	0.20	0.15	0.04	103.0	16.3	71	3.45	34.0
558368		4.59	<0.001	0.03	9.36	2.9	620	2.38	0.12	0.24	<0.02	110.5	15.8	68	3.02	38.1
558369		0.07	0.672	0.22	7.58	20.7	350	1.58	0.15	4.70	0.23	54.3	45.4	190	2.11	61.0
558370		4.35	<0.001	0.02	8.92	4.4	670	2.29	0.02	0.44	<0.02	110.0	13.0	67	2.70	7.9
558371		4.46	<0.001	0.02	9.33	0.4	960	2.50	0.01	0.47	<0.02	134.0	12.5	71	2.38	3.0
558372		4.41	<0.001	<0.01	8.77	0.5	520	1.72	0.01	0.50	<0.02	95.9	14.2	68	1.37	11.6
558373		4.71	0.001	0.04	7.48	3.3	30	0.56	0.02	6.78	0.12	15.70	46.1	176	0.78	132.0
558374		4.42	0.001	0.04	7.99	3.3	40	0.53	0.02	6.66	0.10	14.80	48.1	193	0.58	147.0
558375		4.56	<0.001	0.02	7.18	11.5	10	0.33	0.02	6.69	0.08	7.23	54.3	242	0.14	68.7
558376		0.25	<0.001	<0.01	0.13	<0.2	20	0.05	0.01	34.2	<0.02	1.12	0.9	3	<0.05	1.6
558377		4.24	0.002	0.05	7.80	13.2	10	0.44	0.02	6.89	0.14	11.40	61.3	211	0.22	159.0
558378		4.61	<0.001	0.02	6.24	0.5	220	0.41	0.01	6.45	0.05	21.7	46.0	10	10.25	120.5
558379		4.51	<0.001	0.02	7.62	1.5	30	0.40	0.01	6.74	0.07	12.75	48.4	147	0.63	45.0
558380		4.50	<0.001	<0.01	7.75	3.8	10	0.35	0.02	6.89	0.04	5.35	59.4	309	0.19	3.8

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CERTIFICAT D'ANALYSE VO18233859

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558361		5.94	21.8	0.12	2.7	0.020	0.058	3.79	22.3	36.6	1.55	382	1.01	0.77	7.5	35.4
558362		5.17	20.4	0.14	4.3	<0.005	0.050	4.20	31.2	34.5	2.01	741	2.23	0.14	6.5	52.5
558363		4.45	21.4	0.17	3.4	0.008	0.056	4.23	35.2	31.1	1.44	379	0.25	0.37	9.0	35.7
558364		4.46	26.6	0.16	3.2	<0.005	0.054	4.74	75.7	41.7	1.32	467	0.24	0.28	10.6	33.2
558365		4.45	26.3	0.14	3.0	0.005	0.059	4.95	50.2	38.9	1.37	387	0.21	0.17	10.8	36.2
558366		4.40	28.4	0.18	3.8	0.006	0.056	4.95	92.1	45.6	1.36	448	0.23	0.22	11.2	35.0
558367		4.90	25.5	0.16	3.4	0.006	0.059	4.85	54.0	39.1	1.46	464	0.26	0.31	10.8	34.4
558368		4.83	24.0	0.15	3.2	0.007	0.055	4.25	61.0	40.4	1.47	472	0.27	0.44	10.6	34.3
558369		7.56	20.6	0.11	3.7	0.023	0.075	0.93	23.9	16.8	3.03	982	2.50	1.77	19.9	150.5
558370		4.10	24.1	0.16	3.1	<0.005	0.025	3.95	60.6	39.7	1.60	542	0.30	0.65	11.0	31.9
558371		3.70	26.3	0.18	3.6	<0.005	0.020	3.68	75.5	38.7	1.77	582	0.18	1.67	11.3	34.1
558372		4.47	23.3	0.15	3.1	<0.005	0.028	1.47	51.3	24.1	1.67	605	0.31	3.88	10.4	32.0
558373		9.57	18.85	0.08	1.3	0.007	0.092	0.22	5.8	26.8	4.15	1550	0.33	1.34	4.4	75.3
558374		9.78	19.60	0.07	0.9	<0.005	0.079	0.19	5.8	21.8	4.88	1530	0.29	1.56	4.0	111.5
558375		8.42	16.05	0.06	0.6	<0.005	0.062	0.03	2.6	19.3	5.30	1440	0.21	1.95	2.4	215
558376		0.17	0.33	0.06	<0.1	<0.005	0.005	0.02	1.2	1.4	1.52	96	<0.05	0.04	0.2	1.7
558377		9.63	18.45	0.07	0.9	0.008	0.077	0.04	4.0	22.7	5.71	1580	0.25	1.68	3.4	225
558378		12.05	20.9	0.09	2.6	0.005	0.127	1.33	8.0	26.2	3.00	1770	0.42	0.22	6.9	29.8
558379		9.72	19.90	0.06	1.3	<0.005	0.089	0.23	4.5	17.7	4.44	1540	0.30	1.52	4.1	121.0
558380		8.03	15.30	0.05	0.5	<0.005	0.054	0.05	1.9	22.6	6.53	1340	0.12	1.86	1.5	310

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233859

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558361		320	11.3	117.0	0.002	0.49	0.24	9.7	1	2.1	73.7	0.55	0.11	10.25	0.287	0.82
558362		310	10.9	128.5	0.006	0.72	0.34	16.1	1	1.4	88.4	0.46	0.06	12.70	0.362	0.62
558363		340	12.0	129.5	<0.002	0.08	0.15	11.3	1	1.5	36.7	0.68	0.11	12.70	0.334	0.65
558364		360	19.2	174.0	<0.002	0.07	0.12	13.0	<1	1.7	22.4	0.75	0.09	20.4	0.357	0.66
558365		340	21.2	152.5	<0.002	0.04	0.11	12.5	1	1.7	19.5	0.80	0.10	15.25	0.368	0.61
558366		390	24.8	140.0	<0.002	0.03	0.12	14.1	<1	1.7	20.3	0.82	0.09	24.2	0.379	0.67
558367		390	26.9	153.5	<0.002	0.04	0.11	12.7	1	1.7	18.4	0.79	0.11	16.95	0.372	0.59
558368		380	8.6	149.5	<0.002	0.11	0.10	11.9	1	1.6	17.0	0.79	0.07	17.30	0.373	0.56
558369		1210	14.2	38.7	<0.002	0.02	1.07	19.0	1	1.7	359	1.17	<0.05	5.13	0.958	0.18
558370		390	3.4	139.0	<0.002	0.03	0.09	13.1	<1	1.0	19.7	0.77	<0.05	18.65	0.369	0.46
558371		450	3.3	117.0	<0.002	<0.01	0.10	14.5	<1	1.0	24.4	0.82	<0.05	22.0	0.397	0.39
558372		360	2.8	45.2	0.002	0.01	0.10	11.9	<1	0.9	43.2	0.74	<0.05	15.55	0.366	0.18
558373		530	2.3	9.2	<0.002	0.04	0.43	39.9	1	0.8	151.5	0.29	<0.05	0.83	0.782	0.07
558374		490	2.2	6.7	0.003	0.06	0.45	39.9	1	0.8	164.5	0.26	<0.05	0.87	0.794	0.05
558375		310	1.8	0.5	0.002	0.01	0.49	26.6	1	0.6	151.0	0.16	<0.05	0.22	0.547	<0.02
558376		60	<0.5	0.5	<0.002	<0.01	<0.05	0.3	1	<0.2	86.4	<0.05	<0.05	0.09	0.010	<0.02
558377		440	1.9	1.0	0.003	0.02	0.52	35.8	1	0.8	148.0	0.22	<0.05	0.35	0.688	<0.02
558378		850	1.9	70.4	0.003	0.41	0.24	44.0	2	1.3	96.9	0.44	<0.05	0.69	1.295	0.45
558379		520	2.0	8.2	0.002	0.01	0.34	41.1	1	1.0	142.0	0.28	<0.05	0.41	0.838	0.05
558380		190	1.8	1.1	0.002	<0.01	0.51	29.5	1	0.6	137.5	0.10	<0.05	0.17	0.396	<0.02

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CERTIFICAT D'ANALYSE VO18233859

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558361		2.6	80	1.0	6.5	144	97.1
558362		3.0	161	0.9	9.3	88	158.0
558363		2.2	77	1.0	9.9	81	124.5
558364		2.6	70	1.2	24.4	81	116.5
558365		2.3	74	1.2	12.7	87	97.7
558366		3.0	74	1.3	16.9	91	132.0
558367		2.6	77	1.2	13.2	86	112.0
558368		2.4	71	1.4	17.2	71	134.5
558369		1.2	154	2.1	20.3	136	143.0
558370		2.7	69	2.0	20.5	30	102.5
558371		3.0	76	0.9	22.6	26	113.5
558372		2.4	73	0.5	17.2	40	103.5
558373		0.2	373	0.3	26.7	99	50.4
558374		0.2	383	0.3	23.9	97	24.0
558375		0.1	282	0.2	15.4	83	15.6
558376		0.1	3	0.1	2.1	3	1.5
558377		0.1	337	0.3	23.0	98	27.6
558378		0.2	522	0.4	42.8	116	80.9
558379		0.1	401	0.3	26.4	92	38.7
558380		<0.1	219	0.1	12.2	76	14.4

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CERTIFICAT D'ANALYSE VO18233859

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18233860

Projet: Kan

Bon de commande #: KANDH18-126

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

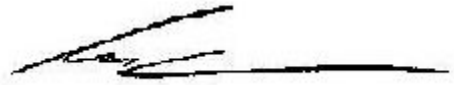
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Projet: Kan

CERTIFICAT D'ANALYSE VO18233860

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558551		1.80	0.002	0.15	6.87	0.3	460	2.09	0.25	0.11	0.09	24.6	16.4	94	5.44	149.0
558552		3.56	<0.001	0.19	6.71	67.0	180	0.56	0.04	5.25	0.59	9.36	46.8	148	2.20	153.0
558553		4.33	0.005	0.17	6.46	51.5	160	0.61	0.04	5.01	0.28	15.35	43.7	132	2.20	138.5
558554		2.46	<0.001	0.05	7.85	5.3	410	2.12	0.05	0.15	0.02	59.6	18.1	102	2.73	45.1
558555		2.45	0.004	0.20	7.35	1.6	400	3.06	0.20	0.06	0.02	62.0	19.0	100	2.72	41.3
558556		2.55	0.001	0.19	7.35	34.3	380	2.62	0.21	1.01	0.08	45.5	25.6	98	2.54	60.2
558557		4.08	0.025	1.35	6.07	109.0	190	1.69	0.23	1.09	3.20	59.6	24.8	74	3.54	195.0
558558		4.47	0.026	1.73	5.80	125.0	150	2.24	0.39	0.95	9.68	50.3	24.5	74	4.67	175.5
558559		0.07	2.55	0.42	6.75	12.2	320	1.19	0.16	4.77	0.06	41.6	52.5	311	0.65	79.7
558560		4.34	0.025	2.39	3.04	113.0	100	1.39	0.31	2.83	11.65	39.2	21.2	53	3.07	222
558561		4.38	0.026	2.18	3.17	93.3	90	1.25	0.26	2.03	15.20	43.5	15.5	59	2.85	315
558562		4.36	0.024	2.02	2.44	148.5	90	1.13	0.20	1.84	15.10	46.9	19.8	52	2.38	322
558563		4.27	0.018	2.10	2.71	172.0	90	1.41	0.20	2.37	15.55	53.2	30.8	55	2.90	354
558564		4.80	0.020	2.08	2.35	248	80	0.98	0.29	3.79	11.55	43.2	20.0	51	2.40	272
558565		4.78	0.045	2.98	3.90	368	100	1.90	0.46	1.12	13.15	39.5	25.1	69	3.70	128.0
558566		0.20	<0.001	0.01	0.13	2.2	20	0.11	0.01	33.2	0.04	1.93	0.7	2	0.06	2.6
558567		5.24	0.041	2.91	4.59	435	110	2.11	0.45	0.50	6.82	44.4	25.1	64	3.65	44.4
558568		5.00	0.041	2.65	3.68	407	120	1.90	0.43	1.96	17.05	45.9	24.9	67	3.26	104.0
558569		4.21	0.042	2.66	2.42	305	110	1.36	0.33	5.20	18.40	39.7	21.2	50	2.94	173.0
558570		2.84	0.005	0.87	5.49	223	320	2.51	0.19	1.58	1.05	65.3	14.4	54	3.12	239

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CERTIFICAT D'ANALYSE VO18233860

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558551		6.33	22.8	0.13	2.3	0.016	0.051	4.01	10.0	42.5	1.08	103	3.98	0.06	7.4	51.3
558552		9.10	16.05	0.11	2.0	<0.005	0.068	1.94	3.5	43.4	3.73	1060	0.28	0.22	2.6	115.0
558553		8.14	15.85	0.10	1.1	0.006	0.065	1.71	6.7	44.1	3.90	1180	0.36	0.40	2.1	96.3
558554		9.03	21.1	0.13	2.7	0.007	0.044	2.48	30.1	59.1	1.89	510	2.27	0.04	11.2	49.1
558555		11.15	21.1	0.15	2.6	0.010	0.059	2.50	30.6	58.3	1.64	384	1.94	0.04	17.6	58.6
558556		10.20	19.85	0.14	2.1	0.005	0.056	2.39	22.6	75.9	1.88	820	3.18	0.09	7.1	60.2
558557		15.85	18.05	0.18	4.8	0.302	0.092	2.82	31.1	33.4	0.95	642	16.10	0.11	12.2	162.0
558558		13.30	15.65	0.21	2.6	0.624	0.082	2.73	30.8	32.8	0.72	613	74.0	0.14	4.5	201
558559		7.34	18.35	0.13	3.4	0.070	0.054	0.97	19.9	9.9	5.45	1040	3.21	1.96	28.2	349
558560		13.25	8.65	0.17	1.7	0.522	0.058	1.12	24.0	23.6	1.24	2120	107.0	0.06	4.2	198.5
558561		16.00	9.08	0.20	1.5	0.565	0.074	1.12	26.6	22.9	1.22	1840	111.5	0.04	3.1	275
558562		14.15	7.26	0.21	1.6	0.532	0.060	0.89	27.0	21.0	1.09	1800	97.5	0.03	2.7	239
558563		16.50	8.24	0.21	1.6	0.494	0.060	0.95	31.4	27.8	1.44	2620	102.5	0.03	2.8	259
558564		15.90	6.98	0.15	1.2	0.498	0.047	0.78	25.3	25.4	2.04	3200	106.5	0.06	3.0	240
558565		16.20	10.65	0.19	1.7	1.215	0.073	1.82	23.9	26.7	0.71	506	103.0	0.17	6.2	249
558566		0.18	0.41	0.06	0.1	<0.005	<0.005	0.03	1.6	1.3	1.49	93	0.20	0.06	0.2	0.6
558567		19.20	12.25	0.26	1.7	1.115	0.046	2.18	25.9	30.1	0.45	207	65.2	0.20	5.2	205
558568		15.10	10.50	0.21	1.8	1.300	0.068	1.80	29.7	24.0	0.96	754	112.0	0.13	7.5	297
558569		13.75	6.92	0.17	1.6	1.125	0.062	1.23	26.2	17.9	2.29	2260	123.5	0.04	4.6	325
558570		8.44	14.90	0.14	3.7	0.059	0.042	2.35	30.2	40.5	1.64	2650	7.62	0.10	3.3	109.5

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233860

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558551		170	7.8	115.0	0.013	1.75	2.82	11.2	3	1.5	20.6	0.64	0.13	7.27	0.264	2.00
558552		350	4.1	69.5	0.003	0.16	0.51	42.1	1	0.6	174.0	0.17	0.05	0.37	0.603	1.11
558553		300	6.3	66.0	0.002	0.16	0.48	34.9	1	0.6	177.0	0.16	<0.05	1.54	0.386	1.32
558554		250	4.9	81.5	0.004	0.57	0.98	14.7	1	1.8	14.3	0.80	0.09	10.05	0.349	1.43
558555		270	9.4	79.1	0.008	2.27	1.74	13.4	1	1.8	10.6	1.05	0.10	9.18	0.340	1.44
558556		250	4.4	75.5	0.007	1.90	0.78	16.8	2	1.3	34.9	0.50	0.09	7.53	0.261	2.73
558557		300	37.1	72.4	0.020	>10.0	9.48	11.8	5	2.2	45.1	0.80	0.68	5.92	0.161	4.59
558558		500	55.9	83.0	0.066	>10.0	18.20	11.5	11	1.5	38.2	0.26	0.84	4.53	0.146	5.30
558559		1860	5.2	30.2	0.002	0.04	0.38	20.6	1	1.2	471	1.60	0.08	2.83	1.055	0.08
558560		1700	64.7	38.7	0.070	9.20	14.50	6.3	16	0.9	57.6	0.25	0.56	3.27	0.086	2.50
558561		1780	60.1	37.1	0.082	>10.0	12.15	7.1	20	0.9	54.4	0.19	0.41	3.52	0.076	2.48
558562		1780	49.3	31.4	0.073	9.35	11.30	4.8	19	0.8	43.8	0.18	0.23	3.94	0.050	2.17
558563		2430	49.0	36.0	0.071	>10.0	10.25	5.5	20	0.8	55.7	0.18	0.34	4.17	0.060	2.42
558564		2490	43.1	30.1	0.081	>10.0	11.10	5.2	15	0.7	69.3	0.19	0.47	3.21	0.062	2.37
558565		710	93.2	61.1	0.089	>10.0	37.2	8.1	15	1.1	28.6	0.40	0.78	4.20	0.113	5.60
558566		60	0.8	1.0	<0.002	0.02	0.14	0.2	1	<0.2	83.5	<0.05	<0.05	0.36	0.006	0.02
558567		230	108.0	70.8	0.052	>10.0	42.1	8.8	16	1.2	19.0	0.36	0.77	4.50	0.093	6.81
558568		650	79.1	61.2	0.095	>10.0	34.4	8.7	17	1.2	38.5	0.58	0.66	4.52	0.127	5.76
558569		1270	65.9	44.4	0.106	>10.0	25.9	6.5	20	0.9	76.6	0.33	0.44	3.65	0.093	4.46
558570		930	13.1	82.2	0.014	4.71	3.52	9.2	6	1.8	60.9	0.15	0.21	8.72	0.079	5.56

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233860

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558551		3.9	278	1.5	3.1	131	74.8
558552		0.1	334	0.5	5.0	136	44.2
558553		0.4	275	0.6	4.7	98	44.0
558554		3.5	165	1.4	6.5	162	94.3
558555		5.5	237	1.7	7.1	147	94.0
558556		3.3	197	1.1	5.6	136	71.0
558557		11.6	180	0.9	14.4	671	171.5
558558		34.0	813	2.1	20.6	1580	96.7
558559		0.6	147	3.3	20.3	106	138.5
558560		41.2	957	2.1	27.6	1820	62.2
558561		42.6	954	1.8	24.9	2370	58.8
558562		40.2	884	1.3	25.1	2320	60.9
558563		44.7	914	1.4	27.4	2360	61.5
558564		39.5	959	1.5	24.0	1800	47.1
558565		43.4	1040	2.6	22.3	2070	65.7
558566		0.3	3	0.1	2.5	9	2.4
558567		25.4	570	1.7	13.6	1050	67.6
558568		40.5	1240	3.1	24.2	2340	68.4
558569		50.6	1360	3.3	28.7	2500	59.7
558570		7.1	183	1.0	12.6	191	126.5

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CERTIFICAT D'ANALYSE VO18233860

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 14-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233863

Projet: Kan

Bon de commande #: KANDH18-127

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

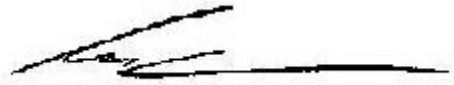
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233863

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558571		4.30	<0.001	0.43	5.32	114.0	360	2.59	0.21	1.59	0.19	72.0	13.5	50	3.28	86.1
558572		4.49	<0.001	0.17	4.65	65.4	310	2.32	0.15	1.44	0.23	73.8	11.5	46	2.72	47.6
558573		4.41	0.002	0.56	6.67	64.5	470	3.06	0.48	0.74	0.53	83.1	23.4	56	4.07	148.5
558574		2.55	0.001	0.66	6.08	37.4	320	3.35	0.30	1.43	3.00	75.9	20.1	52	3.62	167.0
558575		4.01	0.056	5.13	2.28	90.8	120	1.89	0.45	1.57	20.3	40.9	27.6	52	4.21	426
558576		4.71	0.062	4.63	2.06	152.0	120	1.67	0.42	3.00	14.50	40.9	27.8	47	3.71	276
558577		4.21	0.075	5.06	2.75	217	90	2.11	0.50	1.38	20.2	48.0	26.4	57	4.95	190.0
558578		4.37	0.062	4.84	2.19	92.8	120	1.69	0.32	1.53	13.85	38.9	18.4	43	4.31	311
558579		0.07	7.61	1.35	6.05	33.3	310	0.94	0.50	2.91	0.08	30.2	40.3	316	0.67	112.0
558580		4.62	0.042	4.72	2.68	62.2	140	2.22	0.29	0.83	31.4	42.0	14.1	53	6.13	373
558581		4.53	0.035	4.92	3.04	47.8	90	2.14	0.32	0.20	17.40	35.3	35.6	59	4.67	531
558582		4.90	0.023	4.11	3.49	23.7	150	2.99	0.24	0.87	22.7	49.4	20.6	66	5.82	392
558583		3.91	0.079	5.82	2.29	16.5	130	1.81	0.35	2.02	30.8	46.8	8.4	47	3.48	386
558584		2.82	0.028	2.66	2.51	158.0	150	1.89	0.22	3.00	12.60	51.3	16.2	55	2.79	242
558585		4.78	<0.001	0.56	3.88	59.4	250	2.38	0.26	2.05	1.08	57.2	14.1	49	4.12	124.0
558586		4.67	<0.001	0.22	4.96	22.3	370	2.31	0.23	1.53	1.12	67.1	13.2	52	4.05	65.3
558587		4.43	<0.001	0.48	4.54	145.5	270	2.35	0.30	1.96	0.83	61.7	12.1	50	3.63	114.0
558588		2.28	0.012	1.34	2.06	126.5	90	1.09	0.22	2.18	7.86	48.3	14.4	47	1.42	189.5
558589		0.23	<0.001	0.01	0.07	0.3	20	0.07	0.01	33.9	0.02	1.05	0.6	3	<0.05	1.4
558590		4.71	0.047	4.52	2.07	8.6	90	0.96	0.32	2.04	17.15	41.3	12.9	43	3.02	315

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18233863

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558571		8.88	14.30	0.12	3.6	0.020	0.052	2.40	34.6	28.1	1.66	5420	3.59	0.17	4.3	32.6
558572		9.74	12.85	0.11	3.5	0.021	0.052	1.99	35.6	19.1	1.73	5870	3.92	0.47	4.3	26.7
558573		7.79	18.00	0.14	4.3	0.031	0.078	2.98	40.6	52.0	1.50	1180	3.80	0.16	5.3	45.4
558574		8.79	16.60	0.15	3.9	0.078	0.061	2.71	36.0	57.2	1.76	2000	3.78	0.10	4.1	106.0
558575		17.00	6.42	0.18	1.3	0.743	0.065	1.18	28.1	23.5	0.79	1300	170.5	0.03	2.7	374
558576		15.30	6.00	0.18	1.0	0.813	0.054	1.07	28.9	21.9	1.47	2940	149.5	0.03	3.0	347
558577		13.55	8.01	0.17	1.8	1.240	0.070	1.40	33.7	25.5	0.80	1060	194.0	0.04	5.0	358
558578		13.60	6.09	0.15	1.0	0.751	0.045	1.12	26.1	22.0	0.83	1220	141.5	0.03	1.9	354
558579		5.48	14.90	0.07	2.2	0.184	0.044	1.04	16.0	15.6	3.90	742	6.00	1.15	16.8	248
558580		13.75	7.59	0.16	1.1	1.195	0.076	1.39	31.2	26.0	0.61	842	223	0.04	2.3	308
558581		19.30	8.52	0.20	1.4	0.533	0.044	1.56	24.6	27.1	0.35	290	121.0	0.04	4.2	391
558582		15.35	9.79	0.19	2.0	0.822	0.065	1.81	34.2	33.8	0.64	866	184.5	0.05	4.3	307
558583		14.25	6.62	0.18	1.8	1.020	0.089	1.18	30.6	25.0	0.85	1800	141.5	0.03	3.6	294
558584		10.80	7.28	0.15	1.6	0.429	0.050	1.22	27.9	24.2	1.60	3210	64.6	0.05	2.9	190.0
558585		15.70	10.60	0.12	2.0	0.059	0.048	1.73	27.6	24.7	2.08	2840	4.93	0.18	3.2	50.4
558586		9.61	13.60	0.10	3.2	0.064	0.063	2.19	32.6	30.1	1.77	3270	7.08	0.44	3.3	35.4
558587		13.75	12.15	0.12	2.6	0.043	0.052	1.82	29.3	39.0	2.06	2340	4.74	0.11	3.5	57.8
558588		14.10	6.10	0.14	1.2	0.281	0.045	0.66	26.5	20.7	1.40	2010	52.8	0.02	2.4	163.0
558589		0.16	0.25	0.06	<0.1	<0.005	0.007	0.01	1.2	1.2	1.23	107	0.23	0.03	0.1	0.4
558590		17.00	5.67	0.17	1.1	0.591	0.132	1.02	28.0	11.6	0.99	1560	145.0	0.03	2.4	300

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Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558571		1090	7.5	89.5	0.006	1.82	1.67	8.0	1	1.7	79.4	0.20	0.07	8.82	0.086	4.59
558572		1130	5.7	75.3	0.005	0.87	1.06	7.0	1	1.5	86.2	0.21	0.05	8.98	0.070	3.77
558573		1280	11.3	109.0	0.014	2.73	2.88	10.6	5	2.3	59.4	0.26	0.19	10.85	0.123	5.06
558574		1290	14.2	94.1	0.012	4.63	3.25	9.5	6	2.1	67.2	0.18	0.10	9.56	0.099	4.93
558575		1650	127.0	48.9	0.113	>10.0	27.7	4.9	26	1.0	59.2	0.16	0.50	3.30	0.060	3.47
558576		2480	112.5	43.0	0.107	>10.0	30.4	4.8	22	0.8	103.5	0.19	0.72	3.03	0.075	3.30
558577		1380	116.0	56.8	0.134	>10.0	40.8	6.0	17	1.0	52.0	0.38	0.97	4.13	0.086	4.50
558578		1410	108.0	45.7	0.079	9.74	24.6	4.5	20	0.8	53.1	0.13	0.44	3.19	0.057	3.29
558579		1080	9.4	37.1	<0.002	0.09	0.75	17.9	1	0.9	272	0.90	0.20	2.33	0.675	0.20
558580		1250	100.0	63.4	0.137	9.11	23.7	5.5	23	1.1	39.1	0.17	0.40	3.83	0.067	4.32
558581		770	117.5	61.2	0.127	>10.0	25.9	6.8	31	1.0	16.4	0.30	0.45	3.29	0.100	4.08
558582		1730	91.9	71.9	0.145	9.25	20.6	7.5	24	1.1	38.9	0.23	0.30	4.11	0.110	4.54
558583		2570	120.0	45.4	0.114	8.46	29.8	4.6	20	0.9	68.1	0.21	0.41	3.33	0.069	3.01
558584		2230	51.6	48.7	0.052	5.65	12.15	4.6	13	0.9	97.3	0.16	0.25	3.88	0.062	2.85
558585		2570	9.6	77.5	0.015	2.89	2.35	6.8	5	1.3	89.0	0.17	0.18	6.25	0.071	4.00
558586		1460	9.2	89.8	0.009	1.11	1.41	7.8	3	1.8	96.5	0.14	0.10	7.60	0.073	3.15
558587		2360	13.1	80.6	0.014	3.32	2.10	7.3	5	1.5	86.2	0.18	0.18	7.03	0.078	2.82
558588		2490	64.5	24.0	0.048	7.18	7.73	3.7	14	0.8	69.8	0.15	0.35	3.30	0.041	1.02
558589		60	0.5	0.3	<0.002	0.01	0.07	0.2	2	<0.2	85.8	<0.05	<0.05	0.07	0.005	0.02
558590		1870	198.0	37.3	0.085	9.89	27.2	4.2	20	0.9	72.1	0.16	0.63	3.24	0.054	1.90

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233863

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558571		5.2	93	0.8	13.5	115	138.5
558572		5.1	81	0.7	13.6	124	134.5
558573		8.7	144	1.1	15.5	168	164.5
558574		7.1	129	1.2	15.3	352	149.0
558575		64.4	1540	2.8	27.4	2890	56.2
558576		63.3	1430	2.9	28.0	2110	44.7
558577		83.3	1780	3.7	32.0	2970	75.9
558578		57.4	1320	2.5	23.6	2160	45.5
558579		0.6	143	8.5	14.6	84	98.1
558580		93.1	1820	3.9	30.0	4650	49.9
558581		49.5	1460	3.1	20.2	2530	61.9
558582		82.5	1780	4.0	32.2	3310	82.2
558583		60.7	1250	2.4	31.5	4480	77.1
558584		33.4	652	1.2	21.2	1740	65.8
558585		6.0	171	0.4	14.2	358	78.4
558586		7.0	128	0.7	14.8	288	127.0
558587		6.6	142	0.5	15.5	266	99.9
558588		28.8	551	0.8	20.5	1260	53.1
558589		0.2	2	<0.1	2.2	7	1.5
558590		58.2	1220	2.2	26.2	2750	48.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233863

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 13-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233864

Projet: Kan

Bon de commande #: KANDH18-120

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

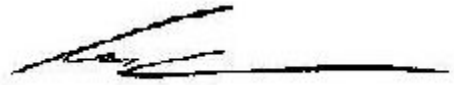
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233864

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558381		4.47	0.001	0.06	6.56	14.7	40	0.48	0.01	5.52	0.09	9.87	45.7	131	3.06	133.5
558382		4.51	0.001	0.05	6.79	2.7	60	0.36	0.02	6.44	0.09	8.88	44.3	130	6.40	116.0
558383		4.50	0.001	0.08	6.93	34.9	10	0.30	0.01	6.94	0.16	7.33	57.2	126	1.14	134.0
558384		3.86	0.005	0.14	6.94	41.3	100	0.57	0.02	6.31	0.50	9.34	48.9	123	2.33	143.5
558385		4.48	0.002	0.09	8.79	4.5	520	2.31	0.20	0.52	2.13	65.7	18.2	96	5.02	51.9
558386		4.25	<0.001	0.02	10.80	6.3	640	3.40	0.07	0.12	0.03	83.3	12.7	91	6.45	23.1
558387		4.66	<0.001	0.03	9.72	7.1	540	3.06	0.05	0.09	0.04	79.6	12.1	84	6.00	16.5
558388		4.54	0.001	0.10	9.97	0.6	540	3.00	0.14	0.11	0.07	81.8	12.4	87	6.77	56.8
558389		0.07	7.60	1.36	6.34	36.2	330	0.90	0.50	3.11	0.08	30.8	42.2	320	0.70	117.0
558390		4.30	0.004	0.08	8.92	1.6	480	2.68	0.17	0.16	0.06	71.4	13.2	86	6.39	60.7
558391		4.38	<0.001	0.07	9.59	0.6	460	2.66	0.12	0.12	0.03	75.9	12.9	95	6.71	35.1
558392		2.31	<0.001	0.08	9.61	1.4	460	2.57	0.14	0.14	0.04	74.9	11.4	88	7.00	28.5
558393		4.43	0.001	0.16	9.59	0.5	480	2.47	0.37	0.12	0.04	69.3	10.8	81	7.17	33.3
558394		5.08	0.002	0.08	9.13	0.7	480	2.24	0.18	0.18	0.03	70.3	9.3	80	5.78	37.4
558395		4.81	0.004	0.22	7.49	5.4	440	2.18	0.27	0.89	0.20	65.4	12.0	82	7.56	78.9
558396		0.23	<0.001	<0.01	0.13	0.2	30	0.09	0.02	35.5	0.02	1.51	0.6	2	0.07	1.4
558397		4.74	0.021	0.13	8.16	0.5	650	1.72	0.14	0.93	0.15	70.7	11.4	73	7.33	35.4
558398		4.65	0.002	0.22	8.68	2.3	700	2.14	0.20	0.87	0.35	81.1	11.2	85	8.73	45.3
558399		4.79	0.007	0.30	8.23	0.9	640	2.23	0.26	0.49	3.58	72.4	14.2	86	10.95	94.6
558400		4.84	0.001	0.16	8.26	0.6	640	1.89	0.13	0.79	0.10	67.0	12.2	79	5.96	43.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233864

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558381		8.97	16.15	0.06	0.8	0.026	0.079	0.44	3.5	33.2	4.81	1140	0.22	1.24	3.2	84.8
558382		8.64	17.20	0.05	0.8	0.026	0.086	0.86	3.0	31.3	4.15	1400	0.18	1.62	3.2	86.3
558383		9.08	15.75	0.05	0.8	0.030	0.072	0.14	2.6	32.6	5.07	1670	0.20	1.32	2.7	176.5
558384		9.78	16.60	0.05	1.1	0.019	0.078	0.63	3.5	32.8	4.42	1570	0.21	1.08	3.0	127.5
558385		7.49	23.4	0.09	2.6	0.010	0.059	3.79	33.4	33.5	1.41	4320	1.48	0.51	10.0	41.7
558386		5.28	30.0	0.12	3.1	<0.005	0.065	5.11	43.9	42.7	1.29	680	0.67	0.87	9.2	35.5
558387		5.04	27.9	0.12	2.9	<0.005	0.061	4.60	40.9	45.7	1.24	405	0.54	0.82	8.8	32.4
558388		4.36	26.7	0.13	2.6	0.007	0.054	5.22	44.0	42.6	1.00	224	1.59	0.42	8.4	36.0
558389		5.78	16.00	0.09	2.6	0.149	0.053	1.11	15.0	14.6	4.20	782	6.41	1.24	17.8	260
558390		4.27	25.7	0.11	2.5	0.012	0.054	4.81	38.0	40.4	0.96	202	1.48	0.39	8.3	35.7
558391		5.05	27.3	0.13	2.6	0.005	0.058	4.92	38.8	45.7	1.12	181	0.62	0.44	9.0	34.3
558392		4.78	28.1	0.12	2.7	0.006	0.060	5.00	38.7	49.2	1.10	172	0.59	0.39	9.2	34.7
558393		5.39	25.7	0.12	2.2	0.006	0.056	4.61	38.0	49.6	1.20	143	0.32	0.48	7.7	32.5
558394		6.51	24.1	0.12	2.1	<0.005	0.051	3.72	38.6	45.6	1.34	267	0.46	0.99	7.7	30.1
558395		7.83	20.1	0.12	1.9	0.010	0.053	3.25	35.6	44.4	1.65	800	1.37	0.84	5.7	35.3
558396		0.15	0.38	0.11	0.1	<0.005	0.005	0.04	1.4	1.4	1.43	93	0.05	0.04	0.2	0.5
558397		3.99	20.6	0.14	4.3	0.011	0.040	4.10	37.8	34.8	1.40	319	1.40	0.95	5.0	33.8
558398		4.55	23.2	0.12	4.0	0.020	0.047	4.73	42.6	41.8	1.49	271	1.82	0.72	6.4	40.6
558399		6.32	22.0	0.12	2.7	0.047	0.056	4.73	38.2	45.8	1.46	206	2.31	0.57	5.7	43.7
558400		4.37	21.2	0.12	4.1	0.008	0.047	4.00	35.1	38.1	1.58	329	1.59	1.02	5.1	38.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233864

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558381		390	2.0	19.0	0.003	0.07	0.30	39.3	1	0.5	121.5	0.20	<0.05	0.37	0.689	0.21
558382		350	2.1	39.3	<0.002	0.11	0.36	41.4	1	0.5	154.5	0.20	<0.05	0.26	0.695	0.37
558383		310	2.1	6.1	0.002	0.08	0.28	35.9	1	0.5	182.0	0.17	<0.05	0.22	0.583	0.06
558384		360	4.3	22.0	0.002	0.11	0.17	38.3	1	0.7	198.0	0.20	<0.05	0.32	0.651	0.15
558385		240	12.2	110.0	0.002	0.82	0.38	12.2	1	1.6	47.6	0.74	0.07	11.30	0.329	0.47
558386		200	7.3	155.0	0.002	0.26	0.36	12.4	1	2.7	44.5	0.75	0.05	18.10	0.376	0.57
558387		190	6.1	142.5	0.002	0.21	0.28	12.8	<1	2.5	41.7	0.69	<0.05	16.50	0.351	0.52
558388		190	13.2	167.0	0.004	0.59	0.48	11.0	2	1.8	44.5	0.68	0.08	16.50	0.336	0.57
558389		1150	10.5	37.8	<0.002	0.09	0.87	21.1	1	1.1	286	0.95	0.20	2.30	0.699	0.20
558390		180	17.3	150.5	0.004	0.56	0.44	11.3	2	1.8	43.5	0.66	0.05	14.45	0.311	0.54
558391		340	8.0	154.0	<0.002	0.48	0.40	13.0	1	1.9	50.5	0.70	<0.05	15.15	0.341	0.65
558392		200	11.0	148.0	0.002	0.35	0.40	12.0	1	1.9	54.3	0.70	<0.05	15.35	0.339	0.59
558393		190	29.3	167.5	0.002	0.37	0.27	10.5	1	1.6	47.6	0.62	0.08	14.05	0.304	0.70
558394		250	10.8	137.5	<0.002	0.44	0.26	9.4	1	1.6	56.1	0.59	0.06	13.70	0.294	0.57
558395		720	26.8	134.5	0.006	1.71	0.54	10.5	2	1.5	105.0	0.43	0.17	12.20	0.253	0.63
558396		70	0.6	1.2	<0.002	<0.01	<0.05	0.2	1	<0.2	88.2	<0.05	<0.05	0.18	0.009	<0.02
558397		420	16.6	155.5	0.003	1.00	0.45	8.9	1	1.3	115.0	0.34	0.07	13.25	0.251	0.69
558398		370	46.4	172.0	0.004	1.23	0.62	11.6	2	1.6	108.0	0.44	0.11	15.10	0.294	0.83
558399		210	28.1	191.5	0.008	2.13	0.76	11.8	3	1.6	71.7	0.41	0.16	13.85	0.281	0.99
558400		360	19.1	149.0	0.003	0.93	0.68	11.5	1	1.4	89.1	0.34	0.09	12.95	0.269	0.74

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233864

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558381		0.1	355	0.6	22.3	79	31.5
558382		0.1	362	0.6	23.1	68	26.7
558383		0.1	313	1.2	18.4	109	26.1
558384		0.1	350	0.6	14.7	104	32.9
558385		2.8	131	1.4	8.2	151	82.4
558386		2.5	97	1.6	6.5	87	95.9
558387		2.3	94	1.4	5.9	79	90.5
558388		2.7	106	1.4	7.1	64	81.0
558389		0.6	151	9.8	20.8	88	105.5
558390		2.5	103	1.3	5.7	72	76.5
558391		2.5	108	1.3	7.6	72	83.1
558392		2.4	96	1.2	7.0	78	86.6
558393		2.4	89	1.2	6.3	69	69.0
558394		2.1	74	1.2	6.6	85	67.0
558395		2.7	112	0.9	8.3	119	61.7
558396		0.2	2	0.2	2.2	3	2.1
558397		3.5	84	0.9	9.8	74	144.0
558398		3.4	112	1.0	10.8	93	131.5
558399		3.5	146	1.0	8.6	172	86.3
558400		3.2	93	0.8	8.8	92	144.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233864

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 12-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233866

Projet: Kan

Bon de commande #: KANDH18-121

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

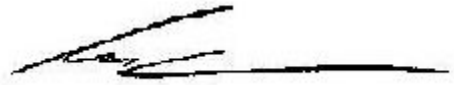
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233866

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558401		4.69	<0.001	0.01	7.88	4.5	10	0.35	0.01	7.45	0.04	7.46	52.6	276	0.19	4.7
558402		4.81	<0.001	0.01	7.17	0.4	40	0.30	0.01	6.52	0.05	11.00	39.5	130	0.81	49.6
558403		4.81	<0.001	0.01	6.72	5.6	<10	0.32	0.01	7.36	0.03	5.30	59.2	280	0.26	4.9
558404		4.75	<0.001	0.04	6.66	4.6	<10	0.26	0.01	6.55	0.07	6.26	64.0	270	0.15	107.5
558405		4.78	<0.001	0.02	6.54	6.8	<10	0.24	0.01	6.04	0.05	6.49	62.6	329	0.17	59.8
558406		4.83	0.099	0.02	7.07	9.4	10	0.22	0.01	6.68	0.06	5.53	62.9	285	0.20	49.1
558407		4.78	<0.001	0.03	7.01	6.4	50	0.22	0.02	6.77	0.07	6.75	54.6	345	0.23	78.9
558408		4.67	<0.001	0.04	6.32	14.9	40	0.18	0.02	6.21	0.07	5.80	66.6	234	0.20	86.1
558409		0.07	0.685	0.22	6.98	20.0	320	1.22	0.14	4.29	0.23	50.6	41.2	183	1.98	54.1
558410		4.89	<0.001	0.03	6.08	18.6	50	0.19	0.01	6.12	0.07	5.29	73.9	272	0.22	73.7
558411		4.91	<0.001	0.03	7.25	5.5	40	0.17	0.01	7.20	0.07	6.42	58.2	254	0.19	84.6
558412		4.76	<0.001	0.02	7.71	1.4	20	0.27	0.02	7.63	0.06	5.73	49.3	308	0.16	78.6
558413		4.73	<0.001	0.03	7.74	0.5	10	0.28	0.02	7.55	0.07	7.76	47.6	290	0.19	116.0
558414		4.78	<0.001	0.05	6.32	7.8	30	0.24	0.02	5.94	0.09	4.35	69.4	280	0.24	100.5
558415		4.70	<0.001	0.04	6.73	5.2	40	0.27	0.02	6.70	0.07	5.31	60.9	312	0.23	92.1
558416		0.29	<0.001	<0.01	0.15	<0.2	20	0.08	0.02	32.1	<0.02	0.91	0.8	3	<0.05	1.7
558417		4.37	<0.001	0.03	6.35	0.3	20	0.25	0.02	6.32	0.07	4.76	67.0	286	0.17	105.5
558418		4.88	<0.001	0.05	6.75	1.6	30	0.19	0.02	6.66	0.09	5.07	70.7	297	0.21	116.0
558419		4.91	<0.001	0.03	6.00	3.3	30	0.25	0.02	6.28	0.09	4.61	71.0	287	0.16	98.9
558420		4.69	<0.001	0.02	5.97	2.0	30	0.19	0.02	5.64	0.05	4.57	69.4	268	0.16	46.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233866

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558401		7.39	15.70	0.05	0.9	<0.005	0.050	0.04	2.7	21.3	5.51	1260	0.13	1.94	2.4	265
558402		8.60	18.85	0.07	1.4	0.008	0.089	0.22	3.7	15.4	4.11	1380	0.21	2.11	4.5	86.0
558403		8.58	15.65	0.07	0.6	<0.005	0.050	0.04	2.0	22.1	6.07	1460	0.14	1.34	1.6	339
558404		8.27	14.75	0.06	0.7	0.015	0.056	0.03	2.2	23.9	6.36	1350	0.14	1.33	2.1	344
558405		8.04	13.10	0.07	0.7	0.011	0.048	0.03	2.4	23.5	6.40	1300	0.14	1.49	2.0	340
558406		7.95	14.10	0.07	0.6	0.006	0.044	0.05	2.0	23.7	6.37	1310	0.17	1.51	1.7	339
558407		7.24	14.75	0.06	0.7	0.006	0.048	0.17	2.4	20.0	6.06	1160	0.16	1.73	2.1	271
558408		7.77	13.75	0.08	0.7	0.019	0.045	0.16	2.2	24.4	6.67	1260	0.10	1.21	1.7	377
558409		7.13	18.60	0.09	3.5	0.015	0.070	0.86	22.8	13.8	2.81	913	2.98	1.67	19.7	140.5
558410		8.32	12.65	0.09	0.6	0.014	0.041	0.18	1.9	27.1	7.29	1350	0.09	0.94	1.5	436
558411		7.69	15.35	0.08	0.6	0.009	0.048	0.14	2.4	20.2	5.71	1200	0.13	1.37	1.9	310
558412		7.01	15.85	0.06	0.5	<0.005	0.048	0.08	2.0	15.5	4.71	1140	0.19	1.83	2.1	197.5
558413		7.14	16.00	0.06	0.7	0.011	0.057	0.08	2.7	13.6	4.80	1140	0.18	1.82	2.8	163.0
558414		8.04	12.40	0.06	0.5	0.024	0.041	0.14	1.5	25.6	7.00	1300	0.11	1.01	1.6	399
558415		7.60	14.00	0.06	0.5	0.010	0.047	0.17	1.9	20.0	6.26	1240	0.14	1.26	1.9	325
558416		0.15	0.48	<0.05	<0.1	<0.005	<0.005	0.01	1.1	1.0	1.37	91	<0.05	0.07	0.3	1.4
558417		8.08	13.00	0.05	0.5	0.022	0.042	0.11	1.7	23.7	6.92	1310	0.21	1.06	1.7	388
558418		8.44	13.70	0.05	0.5	0.020	0.046	0.15	1.8	24.7	7.20	1350	0.19	1.10	1.8	414
558419		7.96	13.20	0.05	0.4	0.019	0.046	0.13	1.6	24.3	6.93	1280	0.26	0.93	1.7	412
558420		8.07	13.00	0.06	0.5	<0.005	0.039	0.16	1.6	29.0	6.89	1300	0.11	1.08	1.8	397

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QUEBEC QC G1K 7R1

Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233866

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558401		290	2.3	0.9	0.002	<0.01	0.51	21.0	<1	0.6	158.5	0.15	<0.05	0.31	0.438	<0.02
558402		570	1.6	9.9	<0.002	0.01	0.28	46.0	<1	0.8	108.0	0.28	<0.05	0.38	0.965	0.06
558403		170	1.9	1.8	<0.002	<0.01	0.48	17.0	1	0.5	127.0	0.10	<0.05	0.22	0.375	<0.02
558404		250	1.9	0.6	0.002	0.01	0.49	18.0	<1	0.5	126.0	0.13	<0.05	0.17	0.421	<0.02
558405		210	1.8	0.8	<0.002	0.01	0.44	18.0	<1	0.5	102.0	0.12	<0.05	0.20	0.373	<0.02
558406		170	1.8	1.4	0.003	0.01	0.49	18.0	<1	0.5	125.5	0.10	<0.05	0.19	0.336	<0.02
558407		240	1.9	4.2	0.002	0.01	0.47	20.0	<1	0.6	132.0	0.13	<0.05	0.21	0.405	0.02
558408		180	1.6	4.3	<0.002	0.01	0.45	15.0	1	0.5	111.0	0.10	<0.05	0.17	0.342	0.02
558409		1110	14.7	39.0	<0.002	0.02	1.04	18.0	1	1.7	345	1.10	0.05	4.97	0.881	0.21
558410		180	1.5	5.5	<0.002	0.01	0.40	13.0	<1	0.4	90.5	0.10	<0.05	0.17	0.312	0.03
558411		230	2.0	3.4	0.002	0.05	0.48	17.0	1	0.4	155.0	0.12	<0.05	0.22	0.396	0.03
558412		260	2.1	1.8	0.002	0.06	0.57	25.0	<1	0.4	180.5	0.14	<0.05	0.15	0.457	0.02
558413		310	2.0	2.1	<0.002	0.15	0.43	37.3	1	0.6	162.5	0.17	<0.05	0.21	0.560	0.02
558414		190	1.6	3.7	0.002	0.02	0.39	21.5	1	0.3	91.8	0.10	<0.05	0.12	0.333	0.02
558415		220	1.7	4.3	<0.002	0.04	0.37	21.0	<1	0.4	122.0	0.12	<0.05	0.15	0.417	0.03
558416		50	0.5	0.4	<0.002	<0.01	<0.05	0.3	1	<0.2	80.1	<0.05	<0.05	0.06	0.006	<0.02
558417		190	1.6	2.5	0.002	0.06	0.41	24.6	<1	0.4	100.5	0.11	<0.05	0.13	0.374	0.02
558418		250	1.9	3.5	<0.002	0.07	0.38	21.8	<1	0.4	109.0	0.12	<0.05	0.14	0.390	0.03
558419		200	1.8	3.2	<0.002	0.06	0.39	20.4	1	0.4	104.5	0.12	<0.05	0.11	0.354	0.02
558420		180	1.6	3.5	<0.002	0.02	0.42	16.9	<1	0.4	98.0	0.12	<0.05	0.12	0.330	0.02

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QUEBEC QC G1K 7R1

Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233866

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558401		0.1	227	0.2	17.7	65	32.1
558402		0.1	472	0.2	29.4	64	51.7
558403		<0.1	224	0.1	13.1	77	16.8
558404		<0.1	228	0.2	14.7	77	22.1
558405		<0.1	201	0.1	15.4	74	22.5
558406		<0.1	189	0.1	13.4	72	18.4
558407		0.1	224	0.1	17.4	63	23.6
558408		<0.1	193	0.1	13.7	70	18.9
558409		1.3	144	2.1	20.6	126	146.5
558410		<0.1	181	0.1	12.8	76	17.0
558411		0.1	212	0.1	15.7	67	19.7
558412		<0.1	237	0.1	14.3	68	13.2
558413		0.1	282	0.1	18.6	63	20.6
558414		<0.1	176	0.1	10.7	80	14.2
558415		<0.1	212	0.1	13.4	73	15.0
558416		0.2	2	0.1	2.1	4	1.2
558417		<0.1	192	0.1	12.1	77	15.0
558418		0.1	205	0.1	12.1	82	13.9
558419		<0.1	183	0.1	11.4	78	15.2
558420		<0.1	168	0.1	11.1	79	18.7

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CERTIFICAT D'ANALYSE VO18233866

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 12-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233869

Projet: Kan

Bon de commande #: KANDH18-122

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

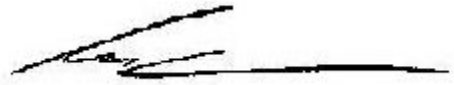
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233869

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558421		4.78	<0.001	0.03	6.39	9.3	30	0.18	<0.01	5.88	0.06	5.52	82.9	254	0.28	63.2
558422		4.77	<0.001	0.01	5.80	5.3	40	0.15	<0.01	5.56	0.05	5.32	68.3	234	0.29	32.0
558423		4.72	<0.001	0.04	7.00	1.5	40	0.21	0.01	6.63	0.09	5.30	71.0	289	0.26	100.5
558424		4.75	<0.001	0.05	6.49	0.6	30	0.18	<0.01	6.22	0.10	4.99	71.6	281	0.23	118.5
558425		4.64	<0.001	0.06	6.70	0.7	30	0.16	<0.01	5.76	0.12	4.43	75.1	252	0.26	126.5
558426		4.85	<0.001	0.03	6.50	0.5	40	0.21	<0.01	5.93	0.07	4.28	73.7	262	0.26	55.0
558427		4.76	<0.001	0.03	6.73	0.2	60	0.20	<0.01	6.01	0.08	4.37	75.4	235	0.34	66.5
558428		4.81	<0.001	0.02	6.79	0.6	50	0.22	<0.01	6.05	0.07	5.75	77.6	249	0.32	51.3
558429		0.07	2.54	0.42	6.61	11.0	310	1.06	0.14	4.63	0.09	41.2	49.0	293	0.64	75.2
558430		4.78	<0.001	0.02	6.56	2.0	40	0.22	<0.01	5.90	0.09	4.38	76.2	229	0.26	65.0
558431		4.52	<0.001	0.02	6.39	0.3	40	0.16	<0.01	5.91	0.06	4.23	79.4	216	0.29	45.2
558432		4.90	<0.001	0.04	6.47	0.2	30	0.16	<0.01	6.42	0.09	4.25	70.5	192	0.25	79.2
558433		4.90	<0.001	0.05	6.37	1.2	20	0.20	<0.01	5.75	0.10	4.43	78.7	260	0.22	88.3
558434		5.00	<0.001	0.02	6.55	<0.2	30	0.19	<0.01	5.93	0.07	4.68	80.2	220	0.27	43.0
558435		4.95	<0.001	0.04	6.50	0.5	30	0.18	<0.01	5.82	0.10	4.84	77.1	256	0.26	76.6
558436		0.26	<0.001	0.01	0.09	0.3	20	<0.05	<0.01	34.2	<0.02	0.97	0.9	4	<0.05	1.1
558437		4.80	<0.001	0.03	6.57	1.3	50	0.23	<0.01	5.89	0.08	4.50	74.8	213	0.30	56.9
558438		4.71	<0.001	0.02	6.63	1.7	40	0.20	<0.01	6.30	0.07	4.26	72.7	178	0.29	29.7
558439		4.47	<0.001	0.04	6.30	4.8	60	0.19	<0.01	6.08	0.10	4.97	74.4	227	0.31	72.7
558440		4.58	<0.001	0.04	6.52	5.0	20	0.24	0.02	5.48	0.12	4.32	86.4	207	0.28	76.6

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QUEBEC QC G1K 7R1

Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233869

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558421		9.36	12.20	0.07	0.7	0.011	0.039	0.13	2.0	30.2	9.16	1490	0.16	0.65	1.8	512
558422		7.92	11.10	0.06	0.7	0.009	0.035	0.19	1.8	27.4	7.39	1270	0.12	0.77	2.0	398
558423		8.46	14.15	0.06	0.4	0.015	0.046	0.19	1.9	25.2	7.49	1310	0.18	0.94	1.8	439
558424		8.25	13.65	0.08	0.5	0.011	0.046	0.15	1.8	25.6	7.35	1300	0.28	1.04	1.8	441
558425		8.44	11.35	0.07	0.5	0.022	0.030	0.12	1.6	28.1	8.46	1350	0.12	0.99	1.5	492
558426		8.28	13.05	0.07	0.5	0.007	0.041	0.17	1.5	30.0	8.25	1360	0.11	0.82	1.6	508
558427		8.29	13.35	0.07	0.5	0.008	0.039	0.25	1.6	30.0	8.15	1340	0.15	0.91	1.6	509
558428		8.63	12.75	0.08	0.8	0.016	0.050	0.20	2.0	31.5	9.13	1450	0.17	0.76	2.4	561
558429		7.17	17.50	0.12	3.2	0.056	0.056	0.95	19.7	8.4	5.32	1020	2.91	1.92	27.0	341
558430		8.22	13.15	0.07	0.4	0.010	0.035	0.17	1.5	29.9	8.22	1340	0.12	0.83	1.6	504
558431		8.74	12.55	0.08	0.4	0.011	0.041	0.19	1.5	31.5	8.60	1400	0.09	0.62	1.5	529
558432		7.90	12.10	0.07	0.4	0.016	0.041	0.11	1.6	27.8	7.55	1320	0.29	1.04	1.4	448
558433		8.48	12.45	0.09	0.5	0.010	0.040	0.11	1.6	30.7	8.41	1410	0.08	0.85	1.6	527
558434		8.90	12.55	0.08	0.5	0.012	0.040	0.12	1.6	31.5	8.98	1440	0.07	0.73	1.6	544
558435		8.26	13.00	0.07	0.5	0.007	0.040	0.15	1.7	30.3	8.18	1340	0.17	0.95	1.6	517
558436		0.14	0.24	<0.05	<0.1	<0.005	<0.005	0.01	1.1	0.9	1.35	94	<0.05	0.03	0.1	2.3
558437		8.24	13.25	0.06	0.5	0.009	0.035	0.20	1.6	30.6	8.16	1320	0.13	0.81	1.7	504
558438		7.94	11.85	0.07	0.5	0.006	0.035	0.16	1.5	29.8	7.99	1330	0.08	1.02	1.6	462
558439		8.03	11.85	0.08	0.5	0.014	0.034	0.24	1.8	29.3	8.11	1370	0.20	0.92	1.7	509
558440		9.13	11.25	0.07	0.5	0.007	0.035	0.08	1.7	36.4	9.80	1480	0.23	0.62	1.5	589

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CERTIFICAT D'ANALYSE VO18233869

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558421		210	1.4	4.2	0.003	0.07	0.38	24.7	1	0.4	66.7	0.12	<0.05	0.21	0.362	0.03
558422		230	1.3	5.8	<0.002	0.02	0.33	18.0	<1	0.3	70.5	0.14	<0.05	0.21	0.310	0.03
558423		220	2.1	5.5	<0.002	0.09	0.43	22.4	1	0.4	121.5	0.12	0.05	0.15	0.373	0.03
558424		220	2.4	4.3	0.003	0.08	0.43	18.5	1	0.5	113.5	0.11	<0.05	0.13	0.353	0.02
558425		190	1.8	3.5	0.002	0.06	0.38	18.1	<1	0.4	81.1	0.11	<0.05	0.13	0.316	0.02
558426		200	2.2	5.2	<0.002	0.03	0.39	16.2	<1	0.4	103.0	0.11	<0.05	0.12	0.314	0.03
558427		210	2.4	8.0	0.002	0.06	0.37	16.3	<1	0.4	105.5	0.11	<0.05	0.12	0.328	0.03
558428		250	2.3	5.9	0.003	0.04	0.35	18.1	1	0.5	83.7	0.15	<0.05	0.21	0.383	0.03
558429		1800	4.7	29.0	<0.002	0.03	0.33	18.8	1	1.2	461	1.50	0.09	2.74	1.020	0.06
558430		220	2.6	5.3	<0.002	0.03	0.36	15.3	1	0.4	100.0	0.11	<0.05	0.11	0.309	0.03
558431		170	2.2	6.0	<0.002	0.06	0.33	17.5	1	0.4	94.4	0.09	<0.05	0.11	0.312	0.04
558432		200	2.4	3.3	<0.002	0.05	0.33	17.3	<1	0.4	104.0	0.09	<0.05	0.11	0.295	0.02
558433		180	2.5	3.2	0.002	0.05	0.35	17.9	1	0.4	94.7	0.11	0.05	0.12	0.312	<0.02
558434		200	2.1	3.6	<0.002	0.05	0.31	19.3	1	0.4	89.3	0.10	<0.05	0.13	0.330	0.02
558435		200	2.5	5.0	0.002	0.05	0.34	17.7	1	0.4	105.0	0.11	<0.05	0.13	0.318	0.02
558436		50	<0.5	0.4	<0.002	<0.01	0.06	0.2	<1	<0.2	85.9	<0.05	<0.05	0.07	0.006	<0.02
558437		190	2.4	6.2	0.002	0.03	0.36	17.0	1	0.4	107.5	0.10	<0.05	0.14	0.316	0.03
558438		200	2.1	4.9	<0.002	0.02	0.32	15.6	<1	0.4	95.7	0.10	<0.05	0.13	0.279	0.03
558439		220	2.3	7.3	0.002	0.02	0.30	15.3	1	0.4	96.5	0.11	<0.05	0.14	0.263	0.03
558440		200	1.8	2.4	0.002	0.02	0.26	18.5	1	0.4	62.9	0.10	<0.05	0.14	0.311	<0.02

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Projet: Kan

CERTIFICAT D'ANALYSE VO18233869

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558421		0.1	178	0.1	13.8	94	20.0
558422		0.1	143	0.1	12.9	81	21.9
558423		<0.1	191	0.1	12.1	83	12.6
558424		0.1	190	0.1	11.4	86	12.7
558425		<0.1	153	0.1	10.0	89	12.7
558426		<0.1	161	0.1	9.9	89	15.8
558427		0.1	169	0.1	10.1	90	13.4
558428		0.1	180	0.1	14.0	95	25.6
558429		0.6	144	3.1	19.8	102	134.0
558430		<0.1	164	0.1	10.0	88	13.6
558431		<0.1	158	0.1	9.6	92	11.7
558432		<0.1	152	0.1	9.2	86	12.1
558433		<0.1	158	0.1	10.0	93	13.5
558434		<0.1	168	0.1	10.5	93	14.4
558435		<0.1	164	0.1	10.7	89	14.0
558436		0.1	2	0.1	2.2	3	1.6
558437		<0.1	162	0.1	10.3	88	17.1
558438		<0.1	143	0.1	9.8	85	16.4
558439		<0.1	133	0.1	10.5	89	16.2
558440		0.1	156	0.1	9.7	102	15.1

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CERTIFICAT D'ANALYSE VO18233869

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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Finalisée date: 12-OCT-2018
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CERTIFICAT VO18233871

Projet: Kan

Bon de commande #: KANDH18-123

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

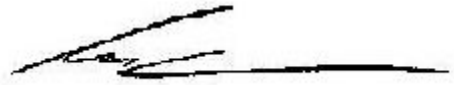
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233871

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558441		4.83	<0.001	0.04	7.10	2.5	10	0.19	0.03	5.59	0.12	4.96	74.7	182	0.22	90.0
558442		4.73	<0.001	0.03	7.26	6.1	20	0.21	0.03	5.63	0.08	6.95	75.0	198	0.26	70.5
558443		4.49	<0.001	0.05	6.99	2.9	20	0.20	0.03	5.82	0.14	6.66	75.7	238	0.29	112.5
558444		4.68	<0.001	0.04	7.15	6.4	60	0.22	0.03	6.02	0.08	5.73	77.1	268	0.38	71.2
558445		4.65	<0.001	0.05	6.54	3.0	30	0.22	0.03	5.70	0.11	4.23	81.5	242	0.29	90.8
558446		4.69	<0.001	0.02	6.81	3.3	30	0.23	0.03	6.03	0.09	5.12	87.6	264	0.31	49.2
558447		4.78	<0.001	0.10	6.17	4.9	20	0.17	0.02	5.49	0.11	4.09	85.6	243	0.26	81.2
558448		4.83	<0.001	0.02	6.35	1.5	20	0.19	0.02	5.66	0.11	5.10	85.3	240	0.26	64.7
558449		0.07	7.09	1.28	6.07	32.7	310	0.98	0.49	2.93	0.07	28.7	39.6	307	0.64	106.5
558450		4.79	<0.001	0.02	6.61	0.4	40	0.18	0.02	5.79	0.07	4.32	71.5	252	0.30	53.8
558501		4.73	<0.001	0.04	6.78	0.6	40	0.20	0.03	6.63	0.12	4.50	73.6	237	0.40	94.9
558502		4.62	<0.001	0.03	6.92	0.2	30	0.17	0.03	6.17	0.08	4.95	74.0	217	0.31	83.4
558503		4.90	<0.001	0.03	7.19	0.4	40	0.23	0.02	6.34	0.06	4.74	72.8	204	0.37	61.0
558504		4.77	<0.001	0.02	7.08	0.2	40	0.22	0.02	6.16	0.07	5.64	79.0	210	0.36	67.1
558505		4.81	<0.001	0.02	6.65	2.1	80	0.19	0.02	6.18	0.06	5.23	73.6	256	0.37	34.9
558506		4.68	<0.001	0.04	6.70	<0.2	50	0.18	0.03	6.27	0.07	5.44	73.1	281	0.27	80.4
558507		4.88	<0.001	0.02	6.73	1.1	60	0.19	0.03	6.03	0.04	5.14	71.5	263	0.35	32.9
558508		4.85	<0.001	0.11	7.33	<0.2	40	0.21	0.03	6.26	0.16	5.65	64.4	263	0.34	287
558509		0.07	2.49	0.39	6.58	10.7	310	1.08	0.16	4.60	0.06	39.8	48.4	287	0.62	74.9
558510		4.64	<0.001	0.03	6.90	1.4	50	0.23	0.02	6.03	0.07	7.17	65.1	256	0.38	99.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18233871

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558441		8.37	12.85	0.08	0.5	0.021	0.033	0.06	1.8	33.8	7.98	1340	0.26	1.14	1.6	472
558442		8.42	12.70	0.10	1.2	0.012	0.036	0.07	2.5	33.4	8.22	1320	0.24	1.08	3.4	474
558443		8.55	12.70	0.07	0.7	0.016	0.037	0.09	2.5	32.1	8.56	1340	0.28	0.87	2.3	528
558444		8.29	12.85	0.07	0.6	0.009	0.038	0.25	2.1	34.3	8.67	1360	0.13	0.74	1.9	514
558445		8.84	11.50	0.08	0.5	0.015	0.035	0.11	1.6	35.6	9.34	1420	0.23	0.67	1.4	560
558446		9.31	13.00	0.06	0.5	0.010	0.045	0.12	1.9	39.2	9.75	1480	0.12	0.45	1.7	616
558447		9.03	11.10	0.08	0.5	0.014	0.034	0.10	1.5	36.3	9.62	1440	0.15	0.63	1.4	580
558448		8.81	11.75	0.07	0.5	0.014	0.038	0.10	1.9	37.8	9.47	1420	0.11	0.58	1.7	588
558449		5.51	14.90	0.09	2.4	0.169	0.047	1.05	14.4	15.8	3.97	737	5.94	1.19	15.4	248
558450		7.81	12.20	0.08	0.4	0.010	0.037	0.18	1.6	30.5	7.92	1250	0.10	0.98	1.5	472
558501		8.10	11.55	0.06	0.4	0.014	0.033	0.19	1.7	34.8	8.15	1320	0.19	0.86	1.5	465
558502		8.29	13.30	0.08	0.6	0.013	0.040	0.14	1.8	31.5	8.34	1300	0.18	0.76	1.7	490
558503		8.40	13.60	0.10	0.5	0.012	0.044	0.20	1.8	30.7	8.18	1290	0.14	0.98	1.6	473
558504		9.01	12.45	0.08	0.7	0.012	0.039	0.19	2.3	33.8	9.21	1360	0.13	0.73	1.6	533
558505		7.98	13.35	0.07	0.7	<0.005	0.042	0.36	1.9	32.6	8.29	1240	0.11	0.88	1.8	512
558506		8.18	13.55	0.09	0.9	0.012	0.044	0.23	1.9	31.5	8.10	1220	0.14	0.94	1.9	506
558507		8.06	13.60	0.09	0.7	0.007	0.041	0.29	1.9	32.4	7.98	1190	0.11	0.88	1.8	485
558508		7.69	13.35	0.06	0.7	0.036	0.039	0.22	2.0	25.9	6.89	1100	0.13	1.26	1.9	441
558509		7.16	16.85	0.10	3.3	0.066	0.055	0.96	19.5	9.1	5.28	1000	2.88	1.92	26.0	339
558510		7.96	12.75	0.08	0.9	0.017	0.040	0.27	2.7	28.5	6.89	1200	0.22	0.92	2.3	386

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233871

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558441		200	2.3	1.8	0.002	0.04	0.33	20.5	1	0.4	105.5	0.10	<0.05	0.17	0.311	0.02
558442		370	2.2	2.2	0.002	0.05	0.30	18.1	<1	0.5	94.2	0.22	<0.05	0.37	0.406	<0.02
558443		290	2.3	2.9	0.002	0.11	0.30	17.4	1	0.5	99.2	0.14	<0.05	0.22	0.330	0.02
558444		240	2.2	7.6	0.002	0.02	0.29	18.2	<1	0.5	102.0	0.12	<0.05	0.17	0.312	0.05
558445		180	1.8	3.4	<0.002	0.04	0.27	19.7	<1	0.3	76.6	0.09	<0.05	0.12	0.307	0.02
558446		210	1.9	3.6	0.002	0.02	0.26	21.7	<1	0.4	88.5	0.11	<0.05	0.15	0.327	0.02
558447		180	1.5	2.8	<0.002	0.04	0.26	20.3	1	0.3	63.5	0.10	<0.05	0.11	0.300	0.02
558448		210	1.7	2.7	<0.002	0.02	0.27	21.9	<1	0.4	79.0	0.10	<0.05	0.17	0.280	0.02
558449		1100	9.1	36.1	<0.002	0.08	0.73	18.7	1	0.9	272	0.91	0.18	2.24	0.669	0.20
558450		180	2.0	5.5	0.002	0.03	0.32	21.4	1	0.3	110.5	0.10	<0.05	0.13	0.304	0.03
558501		190	2.3	6.3	0.002	0.05	0.30	17.7	1	0.3	92.0	0.10	<0.05	0.14	0.306	0.03
558502		200	1.9	4.2	0.002	0.05	0.27	21.7	1	0.4	105.0	0.11	<0.05	0.16	0.361	0.02
558503		190	1.9	6.4	<0.002	0.07	0.30	22.6	1	0.4	118.5	0.10	<0.05	0.16	0.340	0.04
558504		190	1.6	5.8	<0.002	0.10	0.28	19.3	1	0.3	91.5	0.11	<0.05	0.38	0.309	0.03
558505		220	1.6	10.0	<0.002	0.02	0.27	20.0	<1	0.4	98.2	0.12	<0.05	0.20	0.355	0.05
558506		210	1.7	5.8	<0.002	0.07	0.26	23.8	1	0.4	99.5	0.13	<0.05	0.16	0.398	0.02
558507		210	1.4	7.7	<0.002	0.02	0.30	23.4	1	0.5	93.4	0.11	<0.05	0.15	0.363	0.03
558508		250	1.6	5.8	0.002	0.11	0.34	22.7	1	0.4	116.0	0.12	<0.05	0.17	0.389	0.03
558509		1810	4.5	28.6	<0.002	0.03	0.34	18.7	<1	1.2	457	1.54	0.06	2.51	1.010	0.06
558510		280	1.3	7.3	0.002	0.03	0.33	21.9	<1	0.5	102.0	0.14	<0.05	0.22	0.301	0.04

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Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233871

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558441		0.1	159	0.1	10.7	89	15.1
558442		0.1	157	0.1	15.9	91	39.0
558443		0.1	143	0.1	13.5	92	23.2
558444		<0.1	150	0.1	12.7	91	17.4
558445		<0.1	153	0.1	9.4	98	13.4
558446		<0.1	164	0.1	11.5	100	16.2
558447		<0.1	152	0.1	9.5	96	13.7
558448		<0.1	140	0.1	11.3	93	15.3
558449		0.6	145	8.9	14.4	84	95.0
558450		<0.1	152	0.1	10.5	81	13.3
558501		<0.1	148	0.1	10.1	83	12.8
558502		<0.1	171	0.1	11.6	80	16.2
558503		<0.1	164	0.1	11.2	81	15.6
558504		0.1	151	<0.1	10.4	87	21.9
558505		<0.1	185	<0.1	11.1	75	22.7
558506		<0.1	202	<0.1	12.6	75	23.0
558507		<0.1	183	0.1	12.1	67	21.6
558508		<0.1	188	0.1	13.0	65	24.5
558509		0.6	142	3.1	19.3	101	132.0
558510		0.1	136	0.1	14.8	75	32.3

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CERTIFICAT D'ANALYSE VO18233871

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 14- OCT- 2018
Compte: MINVIR

CERTIFICAT VO18233905

Projet: Kan

Bon de commande #: KANDH18- 113

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20- SEPT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233905

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
558241		4.79	0.015	2.69	3.61	85.8	120	1.89	0.30	1.94	20.9	58.1	17.0	69	3.91	525
558242		5.00	0.017	2.29	3.08	143.5	110	1.72	0.29	2.13	18.50	49.2	34.1	61	3.07	416
558243		4.75	0.023	2.92	3.32	182.5	120	2.13	0.59	2.07	21.8	42.1	37.2	72	5.47	382
558244		4.85	0.043	3.55	3.01	176.0	130	2.05	0.59	2.11	21.5	40.6	32.1	71	4.98	260
558245		4.82	0.045	3.14	2.75	186.0	110	1.60	0.53	1.70	19.50	38.7	26.6	65	4.81	378
558246		4.05	0.031	2.17	2.79	347	110	1.31	0.31	3.73	14.95	37.2	18.3	59	2.56	177.5
558247		4.51	0.048	2.86	2.11	362	100	1.33	0.28	4.67	18.10	29.9	20.3	54	3.26	107.5
558248		4.05	0.062	3.99	2.94	117.0	140	1.87	0.37	1.11	20.5	48.1	18.8	66	4.45	382
558249		0.07	7.60	1.30	6.13	33.0	310	0.89	0.47	2.96	0.08	29.3	39.3	314	0.66	107.5
558250		4.74	0.061	4.67	2.83	50.7	130	1.73	0.44	1.70	21.1	46.9	15.9	63	3.45	372
558251		4.30	0.017	1.18	5.95	95.3	430	2.42	0.45	0.96	7.02	72.7	21.3	61	3.85	155.5
558252		1.87	0.010	0.79	3.77	53.6	230	1.72	0.28	1.95	2.54	53.4	16.4	39	2.72	108.5
558253		2.82	0.029	1.87	5.99	8.3	200	1.51	0.25	2.01	11.90	57.3	6.8	74	4.63	107.0
558254		4.69	0.011	0.96	9.17	43.6	220	1.45	0.31	0.90	3.05	63.4	27.4	96	5.24	67.5
558255		4.76	0.001	0.87	8.35	18.1	200	1.27	0.15	1.55	2.84	58.3	19.9	87	4.70	106.0
558256		0.24	<0.001	0.02	0.09	0.3	10	0.08	0.02	32.5	0.03	1.26	0.5	2	0.05	2.2
558257		4.32	0.003	1.26	6.35	6.3	260	2.58	0.12	1.25	0.75	76.7	11.0	75	4.24	121.5
558258		3.54	0.013	1.59	6.76	29.9	190	1.40	0.26	1.99	5.62	59.1	24.4	71	3.87	151.0
558259		4.67	0.025	1.70	7.85	71.9	200	1.35	0.31	1.12	4.23	60.4	22.8	82	4.65	82.6
558260		4.23	0.042	2.56	2.94	20.0	90	0.63	0.23	5.49	5.49	45.3	6.7	48	2.62	151.5

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Finalisée date: 14- OCT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233905

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
558241		16.80	9.92	0.17	2.2	0.698	0.073	1.49	36.2	26.3	1.09	2200	114.5	0.07	4.0	267
558242		17.80	8.84	0.17	1.8	0.619	0.062	1.18	27.6	27.9	1.30	2690	83.6	0.06	2.6	260
558243		17.95	9.07	0.16	1.6	0.858	0.068	1.55	27.1	28.7	1.10	1720	123.5	0.04	3.4	289
558244		15.10	8.33	0.17	1.5	1.030	0.079	1.40	26.8	27.3	1.09	1510	141.0	0.04	3.4	264
558245		15.75	8.02	0.20	1.3	0.981	0.055	1.29	26.4	23.8	0.82	1400	149.0	0.03	3.1	330
558246		14.80	7.64	0.16	1.5	1.245	0.062	1.26	24.8	19.7	1.64	1780	103.0	0.14	6.8	299
558247		13.40	5.84	0.15	1.1	1.455	0.060	1.11	21.4	19.4	2.06	2290	133.5	0.04	3.4	349
558248		14.55	8.24	0.17	1.9	0.873	0.064	1.30	32.3	24.9	0.60	837	186.0	0.03	6.1	313
558249		5.58	15.00	0.09	2.4	0.177	0.044	1.07	14.6	15.0	4.02	748	6.10	1.20	15.6	253
558250		13.60	7.96	0.17	1.7	0.593	0.063	1.07	30.2	26.6	1.03	1700	176.0	0.04	3.6	256
558251		7.61	15.50	0.15	3.8	0.222	0.070	2.39	37.0	37.9	1.25	1900	30.6	0.99	3.3	80.6
558252		15.10	10.25	0.12	2.2	0.112	0.057	1.48	25.5	26.6	1.86	2170	7.88	0.34	2.2	81.8
558253		14.70	15.35	0.17	2.3	0.426	0.148	2.85	35.0	26.3	1.11	865	51.9	0.08	4.3	165.0
558254		10.00	22.7	0.14	3.8	0.264	0.098	3.79	38.2	33.2	0.85	243	13.10	1.20	6.3	93.7
558255		11.85	21.2	0.14	3.5	0.150	0.103	3.34	34.4	32.9	1.17	395	11.90	1.14	3.6	119.5
558256		0.17	0.33	0.10	<0.1	<0.005	<0.005	0.02	1.3	1.5	1.46	90	0.43	0.03	0.2	1.5
558257		14.10	18.40	0.16	5.4	0.054	0.077	2.95	42.1	34.0	0.99	483	16.70	0.13	13.2	147.5
558258		14.05	16.95	0.12	3.3	0.284	0.103	3.22	34.6	24.1	1.18	576	20.2	0.14	5.7	140.0
558259		11.80	19.85	0.12	3.7	0.362	0.099	3.73	34.2	27.3	0.88	397	18.40	0.26	6.8	143.0
558260		13.10	7.92	0.12	1.5	0.246	0.103	1.37	28.4	12.0	2.44	2670	98.1	0.05	4.2	200

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Projet: Kan

CERTIFICAT D'ANALYSE VO18233905

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
558241		1900	55.7	52.4	0.079	>10.0	15.30	6.7	22	1.1	52.1	0.31	0.43	4.33	0.076	3.63
558242		1520	46.2	44.3	0.081	>10.0	12.20	6.0	23	1.0	54.1	0.17	0.46	4.16	0.063	3.07
558243		970	64.6	63.9	0.118	>10.0	20.2	7.9	21	1.2	53.6	0.24	1.01	3.97	0.084	5.04
558244		1240	69.6	56.9	0.108	>10.0	24.7	6.8	17	1.1	53.2	0.24	1.00	3.57	0.084	5.15
558245		1590	71.9	53.8	0.113	>10.0	26.0	6.1	24	1.2	42.8	0.19	0.91	3.38	0.074	5.09
558246		860	70.9	42.8	0.090	>10.0	28.8	6.7	18	1.0	48.6	0.52	0.51	3.54	0.103	4.06
558247		930	79.7	42.4	0.092	>10.0	35.9	5.3	15	0.9	67.8	0.24	0.52	2.91	0.076	4.48
558248		1510	76.7	52.8	0.110	>10.0	20.0	6.1	20	1.2	35.6	0.41	0.52	3.93	0.084	4.20
558249		1110	9.3	36.6	0.002	0.10	0.80	18.5	<1	0.9	277	0.92	0.21	2.29	0.680	0.20
558250		1850	94.0	45.2	0.109	7.94	15.60	5.8	18	1.1	58.8	0.22	0.61	4.14	0.081	3.19
558251		1290	29.4	94.2	0.034	2.94	6.39	10.2	7	2.0	82.4	0.19	0.19	9.49	0.094	4.39
558252		2430	21.5	63.1	0.012	4.24	3.28	6.3	6	1.1	93.2	0.12	0.22	5.72	0.058	2.18
558253		820	67.0	80.2	0.061	8.39	9.16	10.7	9	1.4	66.2	0.22	0.37	4.75	0.126	3.64
558254		230	59.3	97.2	0.015	7.49	7.23	17.1	3	1.8	52.2	0.36	0.61	5.19	0.253	4.59
558255		230	27.1	87.7	0.012	6.97	3.08	17.9	4	1.6	67.4	0.21	0.21	4.79	0.169	4.11
558256		50	1.6	0.7	<0.002	0.01	0.21	0.3	<1	<0.2	80.3	<0.05	<0.05	0.12	0.006	0.03
558257		480	21.5	85.4	0.014	7.77	4.67	13.7	6	2.5	45.9	0.70	0.21	6.31	0.193	4.11
558258		370	61.3	92.1	0.025	8.71	4.36	11.5	5	1.9	67.2	0.38	0.39	5.31	0.174	3.96
558259		240	58.2	94.1	0.021	9.59	8.32	14.5	4	2.2	56.3	0.47	0.73	5.30	0.224	4.86
558260		2170	89.8	43.5	0.051	7.58	10.85	7.0	9	1.1	157.5	0.27	0.30	3.02	0.089	2.27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233905

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
558241		52.1	1100	2.2	26.0	3130	86.5
558242		39.1	831	1.3	21.7	2630	66.9
558243		50.5	1400	2.6	21.9	3070	60.8
558244		58.7	1510	4.0	23.9	3030	58.4
558245		65.0	1580	3.0	26.1	2690	49.8
558246		45.0	1140	3.1	24.1	2080	57.0
558247		52.1	1380	3.1	29.7	2800	45.6
558248		71.9	1760	3.5	36.6	2920	76.0
558249		0.6	148	9.0	14.4	88	95.6
558250		76.4	1560	3.2	35.3	3080	63.5
558251		18.5	359	1.3	18.2	841	136.5
558252		7.8	164	0.6	14.8	466	81.5
558253		29.3	519	1.8	13.4	1880	85.5
558254		11.9	184	1.3	10.2	522	138.0
558255		10.6	166	0.9	8.9	573	126.5
558256		0.2	2	0.1	2.0	7	2.1
558257		11.1	147	2.0	14.1	137	234
558258		14.1	226	1.4	9.6	1130	122.5
558259		14.2	210	1.3	11.2	801	142.5
558260		37.2	756	1.9	19.0	1060	65.9

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CERTIFICAT D'ANALYSE VO18233905

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 5-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233908

Projet: Kan

Bon de commande #: KANDH18-114

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

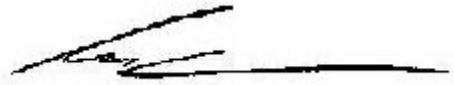
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233908

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558261		4.51	0.016	1.26	8.36	30.2	260	1.92	0.22	1.08	7.17	70.3	23.1	85	4.87	94.7
558262		1.31	0.017	0.99	9.07	12.4	340	2.48	0.12	0.49	1.82	62.5	25.4	99	5.73	79.1
558263		4.85	0.008	1.00	3.47	25.1	140	1.77	0.26	2.48	0.23	54.8	28.9	41	1.72	154.0
558264		4.61	0.011	0.81	4.47	7.0	250	2.53	0.42	1.84	1.11	65.6	13.7	50	3.46	226
558265		3.75	0.040	2.00	2.90	10.7	170	1.99	0.31	1.44	23.7	56.6	24.6	73	3.70	333
558266		3.64	0.055	1.84	2.95	32.5	160	1.49	0.29	1.48	12.45	53.0	17.3	54	3.29	336
558267		5.07	0.036	2.30	4.80	116.5	150	1.50	0.35	1.60	9.88	48.8	24.9	65	4.09	180.5
558268		4.78	0.023	1.21	6.45	67.9	160	1.26	0.28	3.16	5.50	52.3	18.7	64	3.54	120.0
558269		0.07	0.675	0.20	7.47	20.2	340	1.27	0.14	4.52	0.20	50.2	41.4	191	2.03	53.4
558270		3.53	0.014	0.89	6.20	36.9	180	1.42	0.16	2.41	3.73	49.6	20.0	73	3.33	101.0
558271		3.32	0.005	0.66	9.16	4.0	310	3.61	0.25	0.15	1.55	86.9	11.9	116	5.97	46.3
558272		4.74	0.007	0.53	6.34	4.5	200	2.43	0.20	0.95	2.26	71.9	14.2	77	3.48	52.7
558273		1.74	0.001	0.43	4.84	5.2	220	3.07	0.16	1.50	0.71	63.8	18.1	64	3.22	38.2
558274		3.72	0.003	0.17	7.23	3.2	320	3.00	0.20	0.18	0.05	43.6	21.9	103	3.14	35.0
558275		2.19	0.003	0.15	7.67	4.4	410	2.69	0.25	0.29	0.25	48.7	22.0	104	3.86	34.3
558276		0.21	<0.001	<0.01	0.10	<0.2	20	0.07	0.01	35.0	0.02	1.23	0.8	1	<0.05	1.0
558277		3.92	0.007	0.46	4.93	52.3	160	1.42	0.28	1.18	2.78	52.8	19.4	66	2.43	126.5
558278		4.21	0.022	0.83	7.45	105.0	190	1.31	0.30	2.03	4.83	57.3	21.0	81	4.76	161.5
558279		4.97	0.030	1.05	6.22	169.5	160	1.23	0.29	1.17	7.06	61.7	21.2	74	5.00	93.3
558280		4.57	0.040	1.13	4.48	150.0	130	0.89	0.34	3.45	8.33	48.9	18.3	60	3.79	95.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 5-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233908

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558261		11.90	22.0	0.19	5.0	0.224	0.122	3.89	40.1	29.9	0.78	487	24.0	0.47	5.2	135.0
558262		10.45	22.9	0.18	3.8	0.061	0.072	4.42	37.0	37.3	0.67	424	20.6	0.17	3.9	84.7
558263		18.15	9.66	0.15	2.1	0.027	0.036	1.19	26.1	34.1	2.39	2300	4.56	0.12	1.8	77.8
558264		15.25	12.45	0.16	2.5	0.055	0.061	2.22	31.1	36.1	1.86	1150	5.62	0.11	2.4	57.8
558265		10.30	8.46	0.20	2.2	0.614	0.093	1.46	33.1	24.5	0.87	783	120.0	0.04	2.4	229
558266		12.00	8.17	0.17	2.3	0.423	0.078	1.32	31.0	26.3	1.03	1080	116.5	0.04	4.6	250
558267		14.20	12.80	0.14	2.4	0.615	0.090	2.25	29.9	25.4	0.90	751	70.0	0.07	6.4	224
558268		12.00	16.80	0.10	3.4	0.283	0.098	2.51	30.8	24.7	1.60	649	14.10	0.92	7.2	152.0
558269		7.40	19.55	0.09	3.9	0.030	0.070	0.90	22.7	15.1	2.94	953	2.42	1.74	20.5	142.0
558270		11.25	17.10	0.10	2.7	0.148	0.089	2.37	29.5	24.6	1.40	470	15.40	0.84	5.7	112.0
558271		6.43	25.9	0.20	7.6	0.071	0.124	4.35	48.7	45.1	0.55	116	11.85	0.17	28.1	51.6
558272		6.14	18.60	0.17	6.1	0.110	0.092	2.47	39.1	29.6	0.74	360	11.05	0.92	27.2	64.2
558273		5.59	15.20	0.15	4.2	0.035	0.064	2.20	34.4	30.1	0.92	431	13.55	0.27	19.6	49.5
558274		11.00	21.6	0.10	2.2	0.007	0.055	2.51	20.1	79.9	1.73	660	1.66	0.04	14.9	54.0
558275		10.35	22.2	0.13	2.0	0.013	0.056	3.76	23.0	51.4	1.48	4840	1.29	0.06	10.5	50.3
558276		0.18	0.34	0.07	0.1	<0.005	<0.005	0.02	1.3	1.5	1.48	103	0.06	0.03	0.2	<0.2
558277		8.73	14.15	0.08	3.2	0.400	0.126	1.68	29.3	21.1	0.71	168	12.70	1.04	10.4	71.4
558278		13.65	18.85	0.11	3.1	0.379	0.101	3.03	34.0	25.8	1.13	224	22.1	0.92	7.3	153.5
558279		16.40	16.30	0.13	2.6	0.523	0.121	2.84	36.0	23.9	0.74	132	44.9	0.17	7.1	184.0
558280		14.95	12.15	0.09	1.9	0.533	0.148	2.04	29.6	18.1	1.69	383	67.8	0.08	6.1	196.5

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QUEBEC QC G1K 7R1

Finalisée date: 5-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233908

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558261		330	36.8	103.5	0.025	7.91	6.15	15.0	6	2.3	58.1	0.38	0.38	6.67	0.163	4.78
558262		410	24.9	121.0	0.020	6.39	5.32	16.3	5	2.1	44.5	0.23	0.16	5.44	0.208	5.29
558263		2890	20.4	52.1	0.014	7.40	3.16	6.6	5	1.0	103.5	0.11	0.25	6.44	0.050	1.79
558264		2840	12.7	96.2	0.019	4.95	1.76	9.1	5	1.6	83.2	0.15	0.25	7.91	0.079	3.34
558265		2200	59.6	54.0	0.099	6.09	7.95	5.9	19	1.2	66.8	0.17	0.41	4.76	0.059	2.07
558266		2130	55.3	44.5	0.079	7.26	7.44	5.6	14	1.6	65.3	0.27	0.34	5.18	0.060	1.95
558267		710	107.0	61.5	0.047	>10.0	10.20	9.4	13	1.4	58.6	0.38	0.70	4.27	0.136	3.01
558268		210	81.9	63.7	0.014	9.25	5.10	13.2	4	1.6	104.0	0.45	0.52	4.72	0.180	3.11
558269		1180	14.0	40.8	<0.002	0.03	1.06	20.1	1	1.7	356	1.12	0.06	5.08	0.930	0.19
558270		330	29.1	61.6	0.013	7.68	2.87	15.9	5	1.5	87.2	0.28	0.29	3.72	0.176	2.72
558271		320	12.7	105.5	0.012	3.51	2.16	16.4	2	3.6	31.7	1.48	0.32	7.95	0.370	3.96
558272		750	13.7	61.4	0.012	3.25	1.78	12.8	2	2.7	45.4	1.36	0.23	6.61	0.270	2.30
558273		750	10.4	57.0	0.011	2.91	2.01	10.8	2	2.1	44.4	1.19	0.21	5.35	0.226	2.09
558274		340	6.8	72.0	0.005	1.52	1.35	14.0	2	1.5	26.2	0.90	0.08	6.37	0.333	1.33
558275		360	6.5	112.5	0.005	1.30	1.40	13.9	2	1.5	34.0	0.70	0.10	7.85	0.309	1.72
558276		70	<0.5	0.8	<0.002	0.01	0.07	0.2	1	<0.2	84.8	<0.05	<0.05	0.10	0.005	0.02
558277		500	27.8	47.0	0.014	7.01	2.61	10.2	4	2.5	54.1	0.55	0.47	4.31	0.170	2.57
558278		360	52.3	71.2	0.027	>10.0	5.59	14.0	8	1.7	89.0	0.42	0.50	4.94	0.205	4.23
558279		340	76.5	77.3	0.046	>10.0	8.74	11.0	9	1.6	55.9	0.38	0.60	5.26	0.128	4.65
558280		470	76.1	59.2	0.053	>10.0	8.29	9.2	9	1.3	100.5	0.33	0.60	4.15	0.107	3.51

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CERTIFICAT D'ANALYSE VO18233908

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558261		16.8	320	1.4	12.3	1490	174.0
558262		17.1	285	1.8	10.0	376	141.5
558263		7.0	172	0.4	14.0	127	74.1
558264		9.2	250	0.6	14.8	234	88.3
558265		61.5	1120	2.2	26.1	3780	84.6
558266		47.9	1020	2.1	26.6	1960	86.9
558267		29.1	732	3.3	19.3	1520	89.6
558268		10.8	170	1.0	9.6	919	122.5
558269		1.2	148	2.2	19.9	135	149.5
558270		10.7	159	1.1	8.5	700	104.0
558271		11.9	168	2.3	14.7	282	286
558272		11.1	137	1.8	14.8	421	254
558273		8.9	139	1.9	11.3	126	165.5
558274		4.9	208	2.0	6.9	203	80.4
558275		4.3	179	2.2	8.0	190	70.4
558276		0.1	2	0.1	2.2	4	2.0
558277		8.9	134	1.0	10.1	685	121.5
558278		16.1	232	1.6	10.5	980	113.5
558279		23.9	404	1.4	12.0	1360	104.5
558280		27.4	477	1.6	12.8	1570	75.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

2103 Dollarton Hwy
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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233908

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au-ICP21	Hg-MS42	ME-MS61

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QUEBEC QC G1K 7R1

Finalisée date: 5-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233911

Projet: Kan

Bon de commande #: KANDH18-115

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

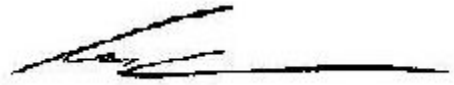
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233911

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558281		4.57	0.016	0.79	7.40	89.3	210	1.49	0.33	2.57	4.43	69.7	20.3	73	5.16	114.0
558282		3.60	0.004	0.64	9.28	10.0	320	2.65	0.25	1.00	2.68	58.0	20.1	97	6.00	186.0
558283		4.26	0.004	0.19	6.35	2.1	340	2.99	0.11	0.70	0.26	54.1	20.2	89	26.2	31.1
558284		5.31	0.008	0.19	7.06	10.2	490	1.98	0.14	0.89	0.32	51.4	25.7	103	26.4	61.1
558285		3.51	<0.001	0.13	6.07	41.2	380	0.69	0.02	5.25	0.60	18.10	41.1	57	18.35	123.0
558286		4.43	0.002	0.16	6.86	72.5	180	0.58	0.01	4.92	0.29	6.88	50.7	167	1.59	143.0
558287		4.32	0.002	0.22	6.12	68.5	180	0.58	<0.01	5.44	0.33	8.53	44.5	118	1.50	139.0
558288		5.73	0.001	0.22	6.45	66.0	260	0.69	0.01	4.89	0.50	13.85	42.6	123	2.13	125.5
558289		0.07	2.58	0.44	6.99	11.6	330	1.09	0.17	4.89	0.10	43.9	51.7	319	0.71	81.1
558290		3.01	0.004	0.25	8.97	1.3	570	1.82	0.20	0.34	0.51	54.7	19.8	89	6.57	74.2
558291		4.39	0.005	0.26	8.42	1.1	570	1.89	0.22	0.23	0.96	53.8	18.8	84	7.35	61.1
558292		4.79	0.004	0.21	8.46	1.2	480	2.05	0.19	0.19	1.43	55.3	16.7	84	8.17	51.2
558293		2.78	0.005	0.23	8.32	0.9	460	2.04	0.19	0.29	1.48	49.7	16.7	83	7.48	57.4
558294		4.74	<0.001	0.17	6.11	60.6	200	0.70	0.01	5.09	0.35	11.95	36.1	117	2.13	106.0
558295		3.27	0.002	0.28	7.02	0.9	330	2.24	0.17	0.57	0.13	82.5	18.4	89	7.28	78.5
558296		0.32	<0.001	0.01	0.08	0.7	10	0.05	0.01	33.5	0.02	1.11	0.9	2	0.05	1.7
558297		2.73	0.036	1.35	5.59	1.4	250	1.76	0.34	1.61	3.49	85.6	38.3	62	3.86	197.0
558298		3.79	<0.001	0.41	6.24	72.6	160	0.44	0.24	6.06	0.41	8.48	43.9	125	1.47	122.5
558299		4.23	<0.001	0.12	7.21	64.8	320	0.73	0.02	3.88	0.39	17.10	47.7	134	2.68	87.5
558300		4.83	0.009	0.20	8.38	0.9	520	2.13	0.23	0.27	2.21	53.8	16.8	83	7.14	78.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 5-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233911

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558281		12.25	20.6	0.10	4.1	0.239	0.096	3.46	40.5	26.1	1.41	274	22.5	0.14	7.0	153.0
558282		11.15	24.5	0.12	4.1	0.079	0.091	4.54	33.0	35.2	0.82	300	17.65	0.17	4.8	130.5
558283		13.50	19.20	0.08	1.9	0.008	0.052	3.67	27.2	49.7	1.70	1620	2.55	0.02	14.1	53.3
558284		10.30	20.1	0.09	2.0	0.012	0.055	4.27	26.2	55.0	1.85	942	3.36	0.03	13.5	64.9
558285		10.05	17.90	0.06	1.7	0.009	0.072	2.76	8.1	46.8	3.12	1320	0.50	0.22	4.5	51.3
558286		10.65	15.95	0.05	1.0	0.007	0.065	1.39	2.5	38.6	3.86	1090	0.20	0.86	2.5	114.5
558287		8.11	14.95	0.05	1.3	<0.005	0.065	1.76	3.2	34.1	3.76	1220	0.24	0.33	2.8	106.0
558288		8.76	16.25	0.05	1.4	0.008	0.064	2.22	5.9	38.5	3.46	1080	0.55	0.04	3.4	102.5
558289		7.62	18.50	0.08	3.4	0.052	0.062	1.01	21.9	9.6	5.65	1070	3.14	2.03	29.3	364
558290		8.83	23.9	0.13	2.5	0.024	0.055	4.29	28.2	53.3	1.57	266	5.57	0.05	8.1	57.8
558291		7.88	22.3	0.11	2.4	0.024	0.056	4.34	28.7	53.6	1.28	241	5.66	0.05	7.6	53.7
558292		6.76	22.8	0.13	2.3	0.026	0.053	4.34	29.1	53.6	1.19	212	4.31	0.05	7.6	50.1
558293		6.88	22.3	0.13	2.2	0.021	0.052	4.38	25.4	49.1	1.16	210	6.67	0.05	7.3	51.5
558294		8.37	15.45	0.09	1.4	0.013	0.056	2.12	4.9	36.5	3.35	1120	0.71	0.17	3.3	95.0
558295		9.71	21.8	0.15	2.8	0.028	0.064	3.65	39.9	47.3	1.41	342	2.76	0.04	21.9	49.9
558296		0.16	0.32	0.06	0.1	<0.005	<0.005	0.02	1.3	1.6	1.70	90	0.09	0.03	0.2	0.6
558297		20.8	18.35	0.11	4.8	0.149	0.128	3.21	45.8	37.8	1.30	586	17.50	0.03	16.3	127.5
558298		8.67	14.75	<0.05	1.3	0.006	0.073	1.68	3.1	37.9	4.26	1440	0.33	0.64	2.5	118.5
558299		9.81	17.40	0.05	2.0	0.010	0.067	2.36	7.5	42.1	3.35	1030	0.87	0.19	4.0	101.0
558300		7.17	21.9	0.11	2.3	0.037	0.050	4.15	28.5	49.5	1.24	223	6.36	0.15	7.3	51.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233911

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558281		230	48.9	94.6	0.022	>10.0	5.56	13.4	7	2.0	98.6	0.41	0.57	6.11	0.153	4.74
558282		270	19.3	119.5	0.022	6.40	2.04	20.2	5	2.3	69.1	0.25	0.16	5.27	0.198	4.59
558283		320	10.1	189.5	0.007	2.69	1.18	12.6	2	1.3	42.1	0.77	0.08	6.61	0.285	2.15
558284		280	10.1	204	0.007	1.71	1.70	18.7	2	1.2	44.8	0.78	0.06	6.96	0.374	2.50
558285		380	8.4	132.5	0.003	0.26	0.31	37.6	1	0.7	160.5	0.28	<0.05	1.94	0.780	1.73
558286		290	3.8	35.6	0.002	0.18	0.33	43.5	1	0.5	165.0	0.14	<0.05	0.19	0.540	0.31
558287		330	3.1	50.0	0.002	0.04	0.27	38.2	1	0.6	163.5	0.16	<0.05	0.34	0.572	0.39
558288		330	3.6	64.5	0.004	0.20	0.32	38.0	1	0.6	167.5	0.20	<0.05	1.16	0.574	0.46
558289		1940	4.8	31.2	<0.002	0.03	0.41	21.8	<1	1.3	497	1.54	0.07	2.78	1.070	0.07
558290		160	11.5	137.0	0.011	2.17	2.78	14.5	3	1.6	27.5	0.60	0.11	9.93	0.312	1.02
558291		160	13.4	139.5	0.011	2.41	2.79	13.7	3	1.5	26.1	0.56	0.12	9.59	0.286	1.05
558292		160	11.0	148.0	0.011	1.76	2.68	12.8	3	1.6	27.8	0.58	0.10	10.25	0.275	1.13
558293		160	11.8	142.0	0.012	2.01	2.61	12.6	3	1.6	29.4	0.54	0.12	9.33	0.267	1.12
558294		320	4.3	61.3	0.002	0.19	0.41	35.7	1	0.6	214	0.20	<0.05	1.04	0.536	0.47
558295		450	14.3	139.5	0.008	3.41	3.03	13.6	3	1.7	46.8	1.12	0.12	10.15	0.303	1.32
558296		70	0.8	0.6	<0.002	<0.01	0.11	0.3	1	<0.2	83.2	<0.05	<0.05	0.08	0.006	<0.02
558297		260	60.4	98.0	0.023	9.92	7.63	9.7	6	3.1	90.9	0.99	1.04	7.43	0.186	1.20
558298		330	130.0	48.6	0.003	0.37	0.34	38.6	1	0.6	243	0.14	0.30	0.23	0.541	0.46
558299		350	4.8	70.3	0.003	0.37	0.58	38.1	1	0.7	157.5	0.25	<0.05	2.02	0.596	0.62
558300		160	16.7	144.5	0.013	1.89	2.48	12.3	3	1.5	31.1	0.54	0.13	9.80	0.268	1.18

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 5-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233911

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558281		14.9	231	1.3	11.2	788	150.0
558282		14.6	215	1.5	8.3	429	150.5
558283		5.2	200	1.4	6.7	129	73.7
558284		4.4	235	1.6	6.8	152	76.0
558285		0.5	411	0.5	6.7	150	55.7
558286		0.1	314	0.4	3.8	140	36.0
558287		0.1	296	0.7	5.4	114	45.0
558288		0.6	307	1.0	6.0	143	56.9
558289		0.6	148	3.3	20.8	110	143.0
558290		6.5	274	1.3	8.2	233	88.1
558291		6.0	274	1.3	7.1	211	80.7
558292		5.5	259	1.3	7.2	220	78.7
558293		5.8	281	1.2	6.9	222	76.0
558294		0.5	290	0.5	5.4	144	51.0
558295		7.6	238	1.6	11.5	117	109.0
558296		0.1	2	0.1	2.1	4	1.9
558297		10.1	182	1.0	15.1	608	179.5
558298		0.1	303	0.6	5.1	133	40.2
558299		0.8	329	0.7	5.2	185	61.3
558300		5.5	263	1.4	7.0	235	76.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 5-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233911

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 13-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233913

Projet: Kan

Bon de commande #: KANDH18-116

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

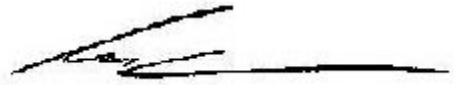
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233913

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558301		4.31	0.023	0.45	7.33	0.8	400	3.25	0.25	0.42	0.18	49.9	19.7	101	6.41	87.6
558302		1.25	0.032	0.93	5.17	0.9	220	2.77	0.37	1.19	0.16	58.8	22.5	125	4.47	109.0
558303		4.51	0.042	0.74	5.38	153.5	250	1.94	0.21	3.43	1.59	60.0	24.1	59	2.46	138.0
558304		4.02	0.019	0.45	8.27	0.8	280	2.19	0.10	0.95	2.17	66.8	12.7	95	3.63	81.7
558305		3.90	0.052	0.68	8.35	1.1	270	1.64	0.14	0.58	4.37	62.3	13.7	121	2.79	101.5
558306		4.31	0.068	1.30	7.62	2.2	250	1.60	0.45	0.49	4.71	78.4	21.3	106	2.95	145.5
558307		4.06	0.062	0.85	6.58	8.0	210	2.27	0.20	0.52	1.93	69.0	33.4	93	3.31	105.5
558308		2.97	0.002	0.14	6.00	5.0	170	2.45	0.10	0.20	0.06	47.7	16.0	79	2.39	25.0
558309		0.07	7.69	1.31	6.08	33.4	310	1.02	0.48	2.94	0.08	30.6	42.6	327	0.67	110.5
558310		3.80	0.007	0.15	5.96	20.4	200	2.77	0.12	0.35	0.11	47.6	17.9	79	2.86	20.0
558311		3.31	0.025	0.38	6.80	28.5	400	4.42	0.15	0.19	0.10	52.3	22.5	123	6.95	48.2
558312		3.73	<0.001	0.26	8.55	21.1	210	1.47	0.17	0.28	1.42	71.7	15.1	110	4.77	99.4
558313		4.12	<0.001	0.23	9.90	11.0	240	1.75	0.13	0.25	1.53	105.0	14.4	124	5.04	114.0
558314		4.30	<0.001	0.24	9.34	6.5	220	1.61	0.10	0.90	1.92	97.9	10.1	131	4.79	131.5
558315		3.89	0.005	0.47	8.97	45.9	200	1.43	0.30	0.41	3.70	47.7	41.9	126	4.46	191.5
558316		0.23	<0.001	0.01	0.08	0.3	20	0.06	0.01	32.7	0.02	1.36	0.7	2	<0.05	1.5
558317		4.62	0.006	0.44	7.00	32.4	190	1.25	0.17	2.62	3.02	70.4	22.0	75	3.48	243
558318		4.54	0.051	0.88	5.53	173.0	100	1.29	0.24	0.44	2.77	78.3	32.4	63	2.90	149.0
558319		5.01	0.033	0.65	5.64	113.5	100	1.43	0.28	1.25	2.17	96.4	24.9	51	3.05	207
558320		4.56	0.037	0.66	5.12	135.5	110	1.31	0.56	0.30	2.56	59.2	36.5	85	3.13	66.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233913

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558301		12.05	20.2	0.11	2.2	0.028	0.054	3.51	25.5	54.1	1.45	354	8.75	0.05	10.7	67.4
558302		23.1	16.15	0.15	2.7	0.110	0.051	2.19	27.9	40.1	2.14	2730	13.10	0.02	21.4	81.2
558303		19.15	15.20	0.14	3.3	0.126	0.087	2.62	33.1	28.8	1.91	1180	11.85	0.58	11.2	108.5
558304		12.30	22.2	0.14	4.8	0.123	0.119	4.02	38.1	40.0	0.90	356	9.00	1.06	11.4	74.7
558305		12.20	21.6	0.15	3.9	0.293	0.142	3.45	34.9	36.8	0.72	230	14.90	1.84	12.3	77.2
558306		16.30	20.4	0.16	4.5	0.274	0.150	3.33	42.4	38.2	0.72	206	17.70	1.44	12.9	101.5
558307		17.75	20.2	0.16	3.6	0.116	0.116	3.37	37.5	40.6	1.02	445	16.15	0.52	10.0	105.5
558308		13.30	17.65	0.09	1.6	0.005	0.044	1.92	24.3	45.2	2.07	2210	1.27	0.42	10.2	38.5
558309		5.55	15.10	0.08	2.3	0.170	0.046	1.05	15.8	16.0	3.97	735	5.81	1.19	16.7	246
558310		13.85	16.90	0.09	1.5	0.010	0.048	2.12	24.2	49.1	1.80	2210	1.14	0.02	11.0	40.0
558311		13.55	20.4	0.11	2.4	0.012	0.063	3.98	26.6	58.1	1.04	283	9.58	0.03	16.7	81.4
558312		8.12	22.9	0.12	4.8	0.266	0.123	3.34	39.9	25.8	0.67	568	10.10	0.28	14.2	107.0
558313		8.31	30.3	0.18	9.2	0.331	0.149	4.09	55.6	37.0	0.89	97	10.70	0.24	29.8	108.0
558314		7.89	26.1	0.16	6.1	0.323	0.167	3.96	54.7	21.9	0.84	201	10.60	0.23	22.2	106.5
558315		13.20	24.7	0.13	4.5	0.735	0.270	3.71	24.5	35.5	0.93	140	14.00	0.20	12.2	161.0
558316		0.17	0.27	0.08	0.1	<0.005	<0.005	0.02	1.3	1.0	1.73	94	0.06	0.03	0.2	<0.2
558317		14.05	19.60	0.14	4.8	0.498	0.202	2.97	39.0	23.5	1.72	515	11.95	0.14	15.3	165.0
558318		20.5	17.35	0.18	4.0	0.858	0.131	2.29	42.1	22.8	0.67	131	19.10	0.11	13.6	148.0
558319		17.75	20.0	0.18	5.8	0.610	0.125	2.36	51.5	27.1	1.16	313	17.05	0.11	21.3	140.0
558320		14.55	16.65	0.15	3.0	0.845	0.134	2.13	30.9	23.4	0.57	100	22.6	0.10	9.9	104.0

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Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233913

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558301		260	21.3	132.5	0.014	4.30	3.56	14.6	3	1.6	51.0	0.68	0.20	7.62	0.351	1.10
558302		1190	39.0	87.3	0.019	7.52	6.16	15.8	3	1.4	79.3	1.33	0.33	4.63	0.545	1.01
558303		200	27.5	80.2	0.018	8.83	5.38	10.3	4	2.1	124.5	0.58	0.56	4.81	0.177	1.45
558304		230	16.7	106.5	0.012	6.21	4.17	18.8	3	2.4	55.9	0.61	0.32	5.74	0.271	2.28
558305		370	38.8	92.7	0.022	6.62	8.13	20.5	3	2.6	50.9	0.63	0.54	5.17	0.343	1.89
558306		360	213	95.2	0.029	9.08	12.00	15.6	4	2.6	41.6	0.77	0.94	6.67	0.253	1.96
558307		340	48.9	109.0	0.025	9.87	8.66	13.5	4	2.6	34.8	0.47	0.59	6.61	0.185	1.86
558308		210	9.8	74.2	0.003	2.10	0.85	10.2	1	1.0	29.1	0.59	0.10	5.95	0.213	1.01
558309		1110	9.5	37.2	<0.002	0.08	0.76	21.8	1	0.9	272	0.89	0.22	2.26	0.674	0.18
558310		220	7.4	81.8	0.004	2.45	1.19	10.3	1	1.1	23.6	0.64	0.07	6.07	0.234	0.97
558311		500	18.2	157.5	0.017	5.72	2.98	15.5	2	1.5	18.6	0.98	0.13	5.58	0.467	1.87
558312		350	18.2	74.1	0.011	4.83	2.47	19.4	2	2.4	54.1	0.77	0.22	5.87	0.287	3.14
558313		410	16.4	78.3	0.014	4.54	2.56	21.3	2	3.5	39.4	1.97	0.18	9.23	0.350	3.34
558314		380	12.9	80.4	0.011	4.27	2.51	20.9	3	3.4	43.5	1.48	0.12	7.18	0.317	3.26
558315		460	24.8	64.6	0.019	8.39	5.32	27.1	4	4.4	34.3	0.69	0.40	3.71	0.329	3.15
558316		60	0.6	0.5	<0.002	0.01	0.08	0.2	1	<0.2	78.3	<0.05	<0.05	0.18	0.006	0.02
558317		410	26.6	64.8	0.015	9.01	5.74	17.4	3	3.4	52.7	0.92	0.34	5.65	0.231	2.76
558318		210	93.2	54.5	0.028	>10.0	19.95	8.0	6	2.4	22.3	0.90	1.49	6.83	0.132	3.18
558319		260	64.8	54.2	0.024	>10.0	14.15	7.8	5	3.0	36.5	1.40	1.21	7.99	0.146	2.90
558320		300	71.7	51.3	0.018	>10.0	14.50	11.3	6	3.6	20.6	0.57	1.91	4.86	0.152	2.61

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QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233913

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558301		8.2	274	1.6	8.3	147	82.0
558302		15.2	257	1.4	16.9	151	126.5
558303		10.8	148	1.5	12.8	368	136.5
558304		9.8	153	1.6	13.8	522	186.5
558305		18.1	215	1.6	14.1	1100	163.0
558306		19.0	214	1.4	14.6	1240	180.0
558307		15.2	230	1.5	11.5	527	149.0
558308		3.8	160	0.7	5.9	114	63.4
558309		0.6	144	8.6	14.6	84	96.8
558310		4.0	183	1.0	6.2	100	61.3
558311		12.8	292	2.4	8.7	74	94.1
558312		11.4	152	0.7	13.5	373	190.5
558313		12.9	158	0.8	19.4	503	334
558314		10.9	158	0.9	16.3	616	266
558315		18.4	203	1.1	11.7	1210	176.5
558316		0.1	2	0.3	2.5	4	2.3
558317		13.0	146	0.7	14.5	993	196.0
558318		13.5	181	0.7	13.5	807	160.0
558319		12.5	159	0.8	16.7	631	228
558320		11.2	169	0.9	12.6	725	124.5

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CERTIFICAT D'ANALYSE VO18233913

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 12-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233915

Projet: Kan

Bon de commande #: KANDH18-117

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

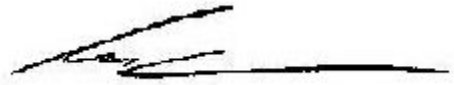
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18233915

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558321		2.75	0.005	0.22	5.45	0.5	290	2.28	0.35	0.59	0.33	47.4	18.8	75	5.98	41.5
558322		2.92	<0.001	0.15	6.66	0.5	550	2.36	0.59	0.07	0.09	51.2	19.2	96	3.71	38.8
558323		4.08	<0.001	0.10	8.24	10.7	690	2.26	0.92	0.35	0.12	52.6	21.3	126	6.82	20.6
558324		4.41	<0.001	0.02	7.74	6.6	730	1.76	0.21	1.14	0.14	56.6	20.7	97	7.10	59.0
558325		4.71	<0.001	0.04	5.31	6.2	290	0.94	0.09	3.22	0.22	34.6	21.6	82	7.43	94.4
558326		0.62	<0.001	0.04	8.12	30.8	560	1.33	0.03	0.64	0.07	7.17	50.8	175	12.60	95.1
558327		3.96	<0.001	0.06	7.14	37.7	210	0.49	0.02	5.78	0.17	8.78	45.8	133	1.80	107.0
558328		4.68	<0.001	0.09	6.53	33.1	70	0.34	0.01	5.24	0.13	7.16	45.7	115	4.97	136.0
558329		0.07	0.662	0.22	7.27	20.0	330	1.26	0.14	4.41	0.22	51.9	41.8	189	1.99	54.4
558330		4.47	<0.001	0.13	6.96	39.2	60	0.38	0.02	5.05	0.18	7.99	46.3	121	4.71	169.0
558331		3.15	<0.001	0.11	7.69	32.7	170	0.75	0.11	2.54	0.14	33.5	42.3	112	3.85	237
558332		3.62	<0.001	0.18	8.23	7.1	650	1.75	0.04	0.14	0.14	58.8	14.4	88	11.05	55.5
558333		4.69	<0.001	0.08	8.30	7.7	650	1.86	0.26	0.16	0.05	62.0	14.7	90	11.10	47.0
558334		4.44	<0.001	0.16	8.70	3.2	590	2.17	0.29	0.11	0.12	63.1	8.4	77	13.00	32.8
558335		4.48	<0.001	0.10	8.34	1.0	540	1.88	0.22	0.51	0.06	48.7	9.4	81	11.45	56.8
558336		0.27	<0.001	<0.01	0.11	<0.2	20	0.10	0.01	31.7	<0.02	1.81	0.6	2	0.25	1.7
558337		4.61	<0.001	0.21	6.78	40.8	300	0.95	0.07	3.50	0.54	34.2	30.7	112	12.90	115.5
558338		4.35	0.006	0.34	7.82	0.9	490	1.90	0.22	0.30	0.12	61.0	11.7	84	10.50	72.8
558339		4.59	0.004	0.35	7.63	0.9	530	2.13	0.19	0.59	0.15	68.9	13.2	85	9.45	92.5
558340		4.48	0.001	0.18	7.56	5.4	550	1.92	0.11	0.86	0.10	65.5	11.2	78	9.25	49.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233915

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558321		14.35	15.75	0.07	1.6	0.041	0.047	2.08	24.2	40.2	2.19	3620	4.73	0.01	12.1	53.5
558322		10.45	19.70	0.09	2.1	0.017	0.057	2.97	25.3	46.4	2.01	1360	2.48	0.02	14.1	53.4
558323		7.83	19.60	0.12	2.4	0.013	0.057	4.23	25.0	59.5	2.93	2750	1.39	0.03	7.7	55.6
558324		8.79	19.55	0.11	2.2	<0.005	0.073	3.65	27.9	47.6	2.46	2290	1.42	0.21	7.7	45.9
558325		8.69	14.15	0.08	1.5	0.012	0.041	2.15	17.2	45.7	3.60	1960	1.35	0.15	5.8	47.8
558326		12.15	19.70	0.09	2.1	0.011	0.086	4.60	2.4	69.2	4.54	822	0.24	0.52	4.4	120.0
558327		9.05	17.00	0.06	1.1	0.012	0.077	1.02	3.2	39.5	3.88	1430	0.32	1.12	3.3	95.0
558328		8.58	14.70	0.05	0.5	0.014	0.064	1.22	2.5	40.1	4.40	1370	0.21	1.33	2.7	143.0
558329		7.31	18.85	0.09	3.6	0.024	0.072	0.88	23.3	14.4	2.90	935	2.42	1.71	19.8	143.5
558330		9.05	15.70	0.05	0.7	0.018	0.078	1.10	2.9	40.0	4.57	1420	0.25	1.29	2.8	138.5
558331		9.86	19.20	0.09	1.5	0.018	0.043	1.19	15.0	39.2	3.44	2170	0.50	1.91	6.0	87.5
558332		6.83	21.1	0.11	3.1	0.014	0.046	4.35	28.1	50.7	1.70	1820	0.97	0.37	8.7	35.0
558333		6.25	21.3	0.11	3.4	0.006	0.052	4.75	28.3	51.6	1.30	1620	0.86	0.30	9.5	33.8
558334		5.02	22.6	0.13	2.4	0.006	0.045	5.08	33.8	54.4	1.35	708	0.23	0.79	8.0	28.0
558335		6.62	20.6	0.11	2.0	0.007	0.048	4.71	25.1	56.8	1.69	882	0.35	0.15	6.9	29.3
558336		0.16	0.64	0.06	0.1	<0.005	<0.005	0.04	1.6	2.1	1.60	96	0.07	0.04	0.5	0.9
558337		8.35	15.85	0.08	1.4	0.011	0.058	3.72	17.2	51.2	2.89	1640	0.46	0.30	4.1	71.3
558338		6.92	19.60	0.10	2.0	0.009	0.046	4.34	32.6	47.0	1.42	260	1.87	0.80	6.8	44.8
558339		6.88	19.75	0.13	2.0	0.012	0.047	4.55	36.7	51.3	1.49	294	1.87	0.39	6.8	43.5
558340		4.76	19.00	0.10	3.4	0.012	0.043	4.23	35.8	50.4	1.56	392	1.43	0.75	6.4	31.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233915

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558321		270	16.2	67.8	0.007	2.93	1.45	9.5	2	1.6	22.6	0.75	0.12	6.14	0.247	0.60
558322		260	12.0	68.8	0.006	2.08	1.05	13.0	3	1.5	8.5	0.95	0.18	8.25	0.321	0.40
558323		360	13.7	91.0	0.003	0.30	0.42	21.9	1	1.5	12.8	0.58	0.69	7.04	0.457	0.59
558324		300	3.2	96.1	0.003	0.32	0.35	14.4	1	2.2	24.0	0.58	<0.05	8.71	0.335	0.50
558325		280	3.9	73.0	0.003	0.36	0.18	17.9	1	0.5	64.4	0.40	<0.05	3.75	0.335	0.42
558326		480	1.1	71.1	<0.002	0.21	0.33	45.2	1	0.7	16.1	0.27	<0.05	0.38	0.807	0.91
558327		370	2.3	16.3	0.002	0.11	0.30	42.6	1	0.5	113.0	0.20	<0.05	0.26	0.690	0.12
558328		340	4.2	33.2	<0.002	0.05	0.44	37.6	1	0.6	96.7	0.18	<0.05	0.18	0.579	0.25
558329		1160	14.6	40.0	<0.002	0.02	1.00	18.3	<1	1.8	354	1.15	<0.05	5.08	0.909	0.19
558330		360	7.6	44.7	<0.002	0.08	0.40	39.0	<1	0.5	98.8	0.18	<0.05	0.22	0.643	0.23
558331		300	2.8	24.9	<0.002	0.45	0.39	26.2	2	0.7	66.0	0.43	<0.05	4.66	0.474	0.21
558332		170	3.3	139.0	<0.002	0.03	0.57	11.2	1	1.7	15.9	0.70	<0.05	10.00	0.309	0.62
558333		180	11.2	143.0	0.002	0.17	0.75	11.2	1	2.0	17.5	0.74	<0.05	11.10	0.319	0.65
558334		180	34.7	166.5	<0.002	0.05	0.70	10.1	<1	1.6	22.4	0.60	0.09	12.55	0.288	0.79
558335		290	11.0	141.0	0.002	0.18	0.71	11.1	1	1.5	32.7	0.54	0.12	9.82	0.285	0.73
558336		50	0.5	3.0	<0.002	<0.01	0.08	0.4	1	<0.2	76.5	0.07	<0.05	0.27	0.006	0.02
558337		420	6.4	163.5	0.002	0.48	0.50	23.4	1	1.0	200	0.30	<0.05	4.78	0.390	1.06
558338		160	14.4	173.0	0.007	2.17	2.16	11.4	2	1.5	40.4	0.51	0.16	11.40	0.260	0.93
558339		1060	22.2	181.0	0.007	2.35	2.04	12.0	3	1.5	66.8	0.52	0.17	11.45	0.273	0.92
558340		720	8.5	173.0	0.004	1.17	0.94	10.5	2	1.3	98.2	0.44	0.11	11.70	0.271	0.96

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Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233915

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558321		5.0	202	1.3	7.4	102	65.3
558322		5.0	208	2.5	8.6	126	80.2
558323		2.2	205	2.6	8.4	108	86.7
558324		2.1	140	1.6	8.2	139	80.1
558325		1.7	184	0.4	9.2	49	56.8
558326		0.3	430	0.6	5.3	97	75.2
558327		0.1	371	0.7	17.8	86	40.0
558328		0.1	310	0.6	19.8	92	17.6
558329		1.1	148	2.1	20.7	129	150.5
558330		0.1	334	0.6	21.7	98	22.0
558331		1.0	229	0.6	15.5	81	58.3
558332		2.2	82	1.4	11.7	56	111.5
558333		2.5	89	1.2	11.8	85	129.0
558334		1.3	66	1.1	7.9	92	82.8
558335		1.4	79	0.9	6.7	75	73.9
558336		0.3	1	<0.1	2.3	3	2.4
558337		1.0	187	0.5	7.3	119	50.4
558338		2.7	126	0.8	6.7	103	72.6
558339		4.7	126	0.9	11.0	104	75.8
558340		3.5	109	0.8	9.1	81	127.0

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CERTIFICAT D'ANALYSE VO18233915

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5-OCT-2018
Compte: MINVIR

CERTIFICAT VO18233917

Projet: Kan

Bon de commande #: KANDH18-118

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 20-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

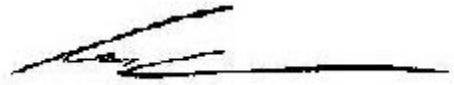
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 5-OCT-2018
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CERTIFICAT D'ANALYSE VO18233917

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558341		4.43	<0.001	0.18	7.52	4.8	550	1.75	0.11	1.00	0.17	68.3	10.7	78	8.33	43.2
558342		4.20	0.002	0.45	7.76	1.1	740	1.63	0.23	0.26	0.72	63.6	12.0	83	4.08	57.0
558343		4.74	<0.001	0.19	7.61	17.5	620	1.27	0.08	2.34	0.31	54.7	20.8	90	5.36	63.8
558344		4.42	<0.001	0.21	8.15	2.6	770	1.58	0.10	1.11	0.59	68.8	10.3	72	4.16	38.9
558345		4.77	0.001	0.14	7.36	28.4	580	1.11	0.05	4.46	0.30	40.4	26.0	104	4.86	71.8
558346		4.82	<0.001	0.19	7.77	4.5	700	1.50	0.11	1.16	0.31	63.5	12.0	75	5.45	44.6
558347		4.24	0.001	0.19	7.76	2.0	480	1.97	0.15	0.50	0.15	62.2	10.2	78	8.83	56.7
558348		4.49	<0.001	0.09	9.32	0.2	460	2.28	0.18	0.10	0.03	68.0	10.1	82	7.39	32.0
558349		0.07	2.53	0.43	6.81	11.3	320	1.16	0.14	4.82	0.09	43.9	51.8	319	0.66	80.6
558350		4.69	0.001	0.09	9.31	4.2	420	2.32	0.17	0.20	<0.02	69.5	10.7	80	8.44	29.1
558351		4.82	0.006	0.16	8.85	5.3	490	2.21	0.19	0.16	1.47	62.3	13.1	85	7.46	45.4
558352		4.44	<0.001	0.09	7.09	17.9	210	0.79	<0.01	4.06	0.13	17.25	37.3	127	1.67	119.5
558353		4.72	<0.001	0.12	6.74	1.0	30	0.37	0.01	6.50	0.18	8.35	48.3	122	3.79	169.0
558354		4.80	<0.001	0.07	7.01	5.8	20	0.31	<0.01	6.63	0.15	7.61	52.1	122	1.37	153.5
558355		4.59	0.016	0.07	6.84	4.4	30	0.37	<0.01	6.23	0.11	8.48	48.2	134	3.13	155.0
558356		0.28	<0.001	1.52	0.26	0.4	30	0.10	<0.01	34.0	<0.02	0.94	1.2	4	0.05	1.9
558357		4.78	0.002	0.10	5.07	7.3	180	1.27	0.02	4.19	0.11	30.4	20.8	94	1.92	70.0
558358		2.20	0.001	0.01	0.65	2.9	20	0.68	<0.01	4.18	0.03	11.65	7.5	20	0.24	4.6
558359		2.49	0.001	0.02	0.70	9.2	30	0.55	<0.01	3.22	0.04	14.45	6.9	20	0.25	3.0
558360		3.38	<0.001	0.11	6.24	15.1	360	1.56	0.04	2.74	0.06	25.4	32.6	114	2.13	95.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18233917

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558341		4.20	19.40	0.15	3.8	0.009	0.043	4.06	36.9	44.2	1.45	353	1.93	1.00	6.0	30.3
558342		4.10	19.15	0.16	4.2	0.032	0.045	4.24	34.1	44.3	1.05	103	6.08	0.32	4.2	50.7
558343		4.92	17.65	0.15	3.5	0.028	0.048	4.19	28.9	38.0	1.87	709	3.71	0.81	3.7	77.7
558344		3.31	19.85	0.16	4.6	0.028	0.043	4.36	37.3	40.5	1.33	376	4.07	0.61	5.3	38.3
558345		5.58	18.00	0.10	2.9	0.020	0.052	3.87	20.4	40.1	2.10	1280	2.34	0.70	3.7	77.9
558346		3.68	18.90	0.14	4.1	0.014	0.048	4.31	34.2	40.1	1.39	358	3.10	0.52	4.4	44.7
558347		6.43	19.40	0.11	2.4	0.010	0.046	3.78	34.5	42.9	1.43	311	1.70	1.10	6.0	34.3
558348		5.49	24.2	0.15	2.1	<0.005	0.051	4.83	36.3	42.2	1.14	389	0.33	0.44	7.8	32.3
558349		7.55	18.00	0.12	3.2	0.048	0.055	1.00	22.0	9.6	5.58	1050	2.92	2.01	28.4	361
558350		5.08	25.6	0.15	2.2	<0.005	0.045	4.79	36.3	43.3	1.09	287	0.32	0.31	8.1	34.2
558351		5.51	23.4	0.14	2.3	0.037	0.050	4.58	32.4	42.1	1.13	378	2.49	0.22	7.4	43.0
558352		9.15	17.50	0.09	1.4	0.010	0.064	1.10	7.6	39.1	3.56	1480	1.61	0.92	4.3	91.5
558353		8.92	15.75	0.07	0.7	0.018	0.067	0.53	3.1	37.2	4.32	1440	0.35	1.38	2.7	121.0
558354		9.19	16.15	0.07	0.7	0.023	0.071	0.21	2.7	25.8	4.95	1510	0.26	1.81	2.7	193.0
558355		9.16	16.45	0.08	0.9	0.024	0.080	0.43	3.1	38.5	4.33	1450	0.26	1.52	2.9	111.0
558356		0.24	0.70	0.05	0.1	<0.005	<0.005	0.06	1.0	1.8	1.55	104	0.09	0.10	0.2	2.7
558357		13.60	13.95	<0.05	1.3	0.008	0.042	0.86	13.7	27.3	3.50	5530	1.41	0.18	8.1	50.4
558358		19.05	2.72	<0.05	0.5	<0.005	0.010	0.12	6.3	4.6	3.45	13050	0.79	0.01	4.8	9.6
558359		20.5	2.93	<0.05	0.6	<0.005	0.015	0.18	7.7	5.3	3.39	13150	0.66	0.01	4.8	9.1
558360		10.90	16.50	<0.05	1.4	0.021	0.052	0.94	11.0	42.1	3.81	974	2.11	0.44	5.5	70.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233917

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558341		1300	17.5	154.0	0.002	1.14	1.01	10.3	2	1.3	124.5	0.36	0.08	12.30	0.250	0.83
558342		200	65.5	136.0	0.008	1.72	2.23	8.8	3	1.3	44.5	0.24	0.18	13.65	0.225	0.64
558343		350	12.3	149.0	0.006	1.27	1.16	15.9	2	1.0	221	0.24	0.06	9.74	0.314	0.82
558344		280	27.6	144.0	0.004	1.17	1.25	10.1	2	1.3	114.0	0.36	0.07	14.15	0.255	0.70
558345		320	8.8	111.5	0.003	0.88	0.81	23.1	1	0.9	316	0.24	<0.05	7.08	0.411	0.80
558346		260	24.0	151.5	0.006	0.98	1.17	11.8	2	1.2	125.5	0.29	0.06	12.60	0.260	0.77
558347		520	20.6	167.0	0.003	1.18	1.13	9.7	2	1.3	67.6	0.47	0.13	12.00	0.257	0.93
558348		210	14.7	181.0	<0.002	0.32	0.57	10.9	1	1.6	39.9	0.62	0.10	13.15	0.298	0.77
558349		1870	5.3	31.8	<0.002	0.03	0.32	21.5	1	1.2	483	1.57	0.09	2.80	1.045	0.06
558350		240	14.3	176.5	<0.002	0.22	0.63	11.1	1	1.6	43.7	0.62	0.06	13.70	0.305	0.90
558351		200	13.7	154.5	0.004	1.00	1.93	11.3	2	1.5	30.9	0.60	0.09	12.10	0.281	0.79
558352		350	2.6	18.2	0.004	0.17	0.66	33.3	1	0.9	99.1	0.31	<0.05	2.27	0.579	0.20
558353		340	9.1	33.9	0.002	0.14	1.08	40.4	1	0.6	144.0	0.17	<0.05	0.38	0.628	0.38
558354		340	2.5	10.2	0.002	0.11	2.77	39.5	1	0.5	184.5	0.17	<0.05	0.23	0.594	0.14
558355		370	3.8	22.7	<0.002	0.10	1.18	42.5	1	0.6	124.0	0.19	<0.05	0.24	0.626	0.29
558356		70	1.2	1.6	<0.002	<0.01	0.08	0.7	1	<0.2	82.0	<0.05	<0.05	0.10	0.011	<0.02
558357		390	3.7	28.3	0.003	0.65	0.67	19.2	1	0.7	69.6	0.52	<0.05	3.38	0.373	0.23
558358		430	1.7	3.4	<0.002	0.15	0.19	2.0	1	0.2	52.2	0.27	<0.05	0.82	0.089	0.06
558359		460	1.6	4.8	<0.002	0.18	0.14	2.1	1	0.2	44.6	0.31	0.05	0.97	0.092	0.09
558360		310	2.6	22.5	0.007	1.02	0.20	29.0	1	0.7	63.4	0.36	<0.05	2.70	0.437	0.18

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Finalisée date: 5-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18233917

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558341		3.8	83	0.8	11.0	84	132.0
558342		3.7	109	0.8	7.2	92	151.5
558343		2.8	164	0.5	7.3	98	127.5
558344		3.6	113	0.7	7.7	93	169.0
558345		2.1	210	0.5	7.6	116	108.5
558346		3.7	123	0.7	8.5	79	151.0
558347		3.1	100	0.8	7.6	95	85.9
558348		2.1	75	1.5	6.9	79	73.5
558349		0.6	146	3.2	20.6	110	138.5
558350		2.1	79	1.5	7.1	74	81.6
558351		3.7	171	1.2	6.8	211	77.7
558352		0.7	285	0.5	13.9	106	54.3
558353		0.1	321	0.1	20.3	106	20.6
558354		0.1	308	0.1	20.7	97	20.0
558355		0.1	329	0.1	21.6	97	21.2
558356		0.2	5	0.1	2.3	5	2.7
558357		2.2	218	0.7	10.5	79	54.9
558358		0.4	56	0.3	5.4	17	21.7
558359		0.6	50	0.2	5.7	21	23.1
558360		1.8	285	0.8	8.5	75	50.2

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CERTIFICAT D'ANALYSE VO18233917

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 3-OCT-2018
Compte: MINVIR

CERTIFICAT VO18236841

Projet: Kan

Bon de commande #: KANDH18-RUSH-056

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 21-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

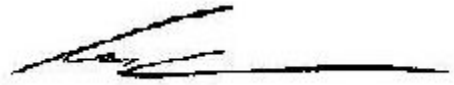
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18236841

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555861		2.38	<0.001	0.05	0.06	0.9	10	0.34	0.01	5.76	0.02	8.66	1.3	16	<0.05	3.1
555862		2.29	0.002	0.12	0.06	1.1	<10	0.23	0.02	4.57	0.03	9.67	2.4	24	<0.05	8.4
555863		2.28	<0.001	0.15	0.04	1.8	<10	0.20	0.02	1.93	0.03	4.00	2.4	17	0.06	10.0
555864		2.30	<0.001	0.11	0.07	1.9	10	0.32	0.02	2.40	0.02	4.20	2.3	16	<0.05	6.2
555865		2.39	<0.001	0.15	0.19	0.4	10	0.34	0.02	5.37	0.03	10.85	3.8	16	0.08	15.1
555866		0.19	<0.001	<0.01	0.04	<0.2	10	<0.05	0.36	31.7	<0.02	0.83	0.6	3	<0.05	1.6
555867		2.31	<0.001	0.12	3.58	425	210	3.13	0.07	4.25	0.06	140.0	119.0	882	1.34	147.0
555868		2.64	<0.001	0.02	0.49	1.0	10	0.27	0.02	3.96	0.03	11.60	6.9	40	0.05	17.6
555869		2.89	<0.001	0.04	0.49	1.0	<10	0.89	0.03	1.63	0.02	16.40	7.4	16	<0.05	5.8
555870		2.36	<0.001	0.02	0.34	0.5	<10	0.82	0.02	1.63	<0.02	12.70	5.8	12	<0.05	4.6
555871		2.42	<0.001	0.11	0.83	1.1	10	0.73	0.06	1.26	0.04	16.75	9.6	22	<0.05	11.0
555872		2.90	<0.001	0.32	0.80	1.1	<10	0.30	0.05	1.73	0.04	15.75	9.1	24	0.10	35.9
555873		1.75	<0.001	0.19	0.13	0.5	<10	0.11	0.05	3.91	0.11	13.95	3.2	16	<0.05	21.9
555874		2.40	<0.001	0.07	0.26	3.2	<10	0.08	0.02	3.18	0.09	5.77	2.5	16	<0.05	6.1
555875		2.44	<0.001	0.05	0.50	1.5	<10	0.24	0.02	8.22	0.17	11.75	5.4	18	0.07	6.8
555876		2.48	<0.001	0.03	0.57	1.1	<10	0.65	0.02	2.18	0.06	14.35	7.8	18	0.05	3.2
555877		2.24	<0.001	0.04	0.81	3.6	30	0.94	0.02	1.38	0.04	16.65	8.0	21	1.06	5.4
555878		2.55	<0.001	0.07	0.83	3.7	20	1.82	0.02	1.42	0.05	14.95	8.3	22	1.06	7.2
555879		0.06	7.77	1.28	5.99	34.9	300	0.90	0.53	2.91	0.07	30.1	41.4	321	0.70	108.0
555880		2.18	<0.001	0.11	0.75	6.6	20	0.56	0.03	0.73	0.04	12.55	10.1	24	0.95	8.8

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Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236841

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555861		12.70	0.54	0.08	0.1	<0.005	<0.005	0.01	4.8	2.0	4.09	2270	0.23	<0.01	1.0	7.4
555862		10.10	0.63	0.06	0.1	<0.005	0.005	0.01	5.3	2.1	3.18	2080	0.72	<0.01	1.6	14.6
555863		9.91	0.30	0.06	<0.1	0.008	0.005	0.01	2.4	1.1	2.11	1660	0.72	<0.01	0.3	12.8
555864		9.93	0.46	0.05	0.1	<0.005	<0.005	0.01	2.7	1.7	2.34	1810	0.45	<0.01	0.4	11.8
555865		11.50	1.23	0.06	0.1	0.005	0.008	0.03	5.8	4.2	3.69	2990	0.61	<0.01	1.8	24.3
555866		0.17	0.20	0.08	<0.1	<0.005	<0.005	0.01	1.0	0.7	1.69	89	0.07	0.02	0.1	1.6
555867		14.60	12.65	0.17	3.2	0.013	0.050	0.69	78.5	77.5	4.10	2980	6.14	0.02	19.1	555
555868		16.00	2.82	0.09	0.3	<0.005	0.013	0.02	6.1	9.4	3.10	8430	0.82	<0.01	2.6	20.3
555869		21.2	2.50	0.10	0.4	<0.005	0.012	<0.01	9.3	9.5	2.67	11750	0.97	<0.01	3.5	9.4
555870		19.55	1.79	0.10	0.3	<0.005	0.009	<0.01	6.4	7.2	2.77	10750	0.51	<0.01	3.1	7.4
555871		22.5	4.57	0.09	0.7	<0.005	0.021	<0.01	9.2	22.1	3.01	17400	0.74	<0.01	4.6	13.9
555872		18.75	4.12	0.07	0.7	0.008	0.022	0.04	8.7	18.7	2.93	13600	1.54	<0.01	3.4	41.2
555873		10.15	0.73	0.06	0.2	0.008	0.018	<0.01	8.0	3.7	2.94	2910	1.16	<0.01	3.1	8.3
555874		8.79	1.57	<0.05	<0.1	0.006	0.015	0.01	3.3	9.0	2.24	3300	0.43	<0.01	0.2	4.6
555875		16.60	2.97	0.06	0.3	0.007	0.019	0.01	6.8	14.0	4.82	8540	0.55	0.01	1.6	6.4
555876		20.9	3.21	0.07	0.5	<0.005	0.015	0.02	7.7	10.5	2.89	13150	0.57	0.01	4.3	8.8
555877		20.8	4.38	0.07	0.7	<0.005	0.018	0.12	9.2	13.3	3.09	16950	0.58	<0.01	6.3	11.3
555878		19.60	4.42	0.07	0.7	<0.005	0.017	0.05	8.1	12.0	2.99	16300	0.75	<0.01	5.7	13.4
555879		5.47	15.70	0.08	2.6	0.171	0.044	1.02	15.2	15.5	3.89	738	6.17	1.16	15.8	241
555880		17.55	4.08	0.07	0.6	<0.005	0.017	0.05	6.8	13.9	2.86	14350	0.70	<0.01	5.2	14.8

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CERTIFICAT D'ANALYSE VO18236841

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555861		180	1.0	0.6	<0.002	0.24	0.09	0.3	<1	<0.2	45.1	0.05	<0.05	0.20	0.008	0.02
555862		220	3.8	0.4	<0.002	0.26	0.39	0.5	1	<0.2	39.6	0.07	<0.05	0.32	0.017	0.02
555863		180	0.9	0.5	<0.002	0.85	0.09	0.1	<1	<0.2	13.6	<0.05	<0.05	0.06	<0.005	0.03
555864		120	1.2	0.7	<0.002	0.29	0.12	0.2	1	<0.2	18.7	<0.05	<0.05	0.10	<0.005	0.03
555865		200	1.1	1.9	<0.002	0.14	0.08	0.5	<1	<0.2	39.3	0.06	<0.05	0.61	0.012	0.06
555866		50	<0.5	0.3	<0.002	<0.01	0.11	0.2	<1	<0.2	75.3	<0.05	<0.05	0.06	<0.005	<0.02
555867		2380	3.1	32.1	0.002	0.47	0.30	21.0	2	1.3	52.5	1.17	0.07	9.30	0.354	0.87
555868		310	1.1	1.2	<0.002	0.13	0.08	1.5	1	<0.2	37.9	0.15	<0.05	0.58	0.057	0.04
555869		520	0.9	0.2	<0.002	0.13	0.07	1.3	1	<0.2	20.0	0.17	<0.05	0.68	0.055	<0.02
555870		460	0.7	0.1	<0.002	0.07	0.08	0.9	<1	<0.2	23.7	0.16	<0.05	0.52	0.042	<0.02
555871		600	1.9	0.1	<0.002	0.17	0.15	2.8	1	<0.2	22.9	0.31	0.06	1.01	0.118	<0.02
555872		480	3.8	1.3	<0.002	2.41	0.35	2.5	1	<0.2	45.8	0.20	0.09	0.94	0.055	0.07
555873		270	2.9	0.2	<0.002	1.17	0.20	0.6	1	<0.2	57.5	0.20	0.10	0.47	0.015	0.02
555874		150	1.3	0.3	<0.002	0.69	0.06	0.6	1	<0.2	42.8	<0.05	<0.05	0.17	<0.005	0.02
555875		570	2.2	0.7	<0.002	0.52	0.14	1.3	1	<0.2	86.6	0.08	<0.05	0.51	0.024	0.02
555876		460	1.5	0.5	<0.002	0.14	0.09	1.9	1	<0.2	28.2	0.25	<0.05	0.81	0.073	0.02
555877		520	1.2	7.0	<0.002	0.15	0.08	2.8	<1	0.2	33.6	0.37	<0.05	1.01	0.124	0.18
555878		500	1.3	4.7	<0.002	0.22	0.10	2.7	1	0.2	33.3	0.32	<0.05	0.96	0.118	0.19
555879		1040	9.9	38.3	<0.002	0.08	0.79	20.5	1	1.0	269	0.93	0.21	2.44	0.650	0.20
555880		430	0.8	4.6	<0.002	0.23	0.06	2.5	1	0.2	25.6	0.27	0.05	0.80	0.097	0.19

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236841

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555861		0.4	6	0.3	5.2	7	3.6
555862		0.8	8	0.7	4.9	12	6.3
555863		0.6	5	0.6	2.8	12	2.3
555864		1.2	5	0.8	3.3	10	3.1
555865		0.7	16	1.5	4.9	12	6.8
555866		0.2	1	0.1	1.9	3	1.2
555867		1.6	192	1.3	15.3	69	132.5
555868		0.5	37	0.6	4.9	19	15.4
555869		0.5	39	0.4	6.0	14	18.7
555870		0.2	25	0.4	5.2	10	15.4
555871		0.7	74	0.7	7.0	32	30.7
555872		1.0	66	0.5	5.4	41	29.5
555873		0.8	10	0.3	4.8	25	8.4
555874		0.7	18	0.1	3.9	27	2.4
555875		0.5	36	0.2	7.8	48	14.0
555876		0.5	46	0.3	6.5	29	22.7
555877		0.7	74	0.4	6.8	27	31.6
555878		0.8	75	0.3	6.4	26	29.5
555879		0.6	140	9.6	15.0	82	99.2
555880		0.5	67	0.4	5.4	25	27.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: Kan

CERTIFICAT D'ANALYSE VO18236841

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 3-OCT-2018
Compte: MINVIR

CERTIFICAT VO18236845

Projet: Kan

Bon de commande #: KANDH18-RUSH-057

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 21-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

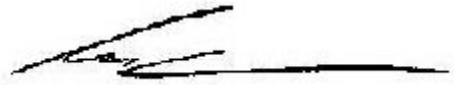
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236845

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555881		2.20	0.001	0.15	1.26	9.8	10	3.81	0.02	1.13	0.06	26.6	10.8	31	0.13	8.1
555882		2.19	<0.001	0.09	1.35	0.5	20	0.41	0.02	0.93	0.10	20.7	8.7	33	0.30	33.3
555883		1.34	0.001	0.14	0.16	4.0	<10	0.14	0.04	3.30	0.03	8.91	3.6	16	0.14	34.0
555884		2.35	<0.001	0.04	0.08	8.7	<10	0.18	0.01	4.41	0.02	5.62	1.8	13	0.07	2.0
555885		2.37	<0.001	0.02	0.30	43.8	10	0.31	0.02	5.38	0.04	11.30	10.0	57	0.77	2.1
555886		0.24	<0.001	<0.01	0.06	<0.2	20	<0.05	0.01	32.5	<0.02	1.01	0.5	2	<0.05	0.8
555887		2.17	<0.001	0.02	0.48	2.1	10	0.85	0.03	1.75	0.03	11.90	7.2	16	0.23	5.3
555888		2.69	<0.001	0.03	0.60	9.2	10	1.04	0.02	2.27	0.03	13.65	7.7	17	0.32	6.9
555889		2.44	<0.001	0.04	0.71	3.9	40	2.02	0.02	1.31	0.05	15.10	7.7	20	14.15	10.5
555890		2.50	<0.001	0.04	0.81	12.9	60	1.15	0.02	0.92	0.05	17.05	8.1	21	20.8	9.7
555891		2.43	0.002	0.05	0.80	4.2	20	1.42	0.02	1.07	0.03	14.65	8.9	20	4.68	9.9
555892		2.33	0.002	0.03	0.73	3.0	10	2.47	0.02	1.33	0.04	12.60	7.5	21	3.56	9.6
555893		2.50	0.001	0.03	0.77	6.1	20	1.36	0.05	1.18	0.10	14.70	9.0	21	3.12	9.9
555894		2.48	0.005	0.04	0.75	2.5	20	0.99	0.02	1.19	0.10	13.00	9.0	20	2.20	8.2
555895		1.99	<0.001	0.04	0.46	0.8	10	0.60	0.01	1.11	0.14	11.00	6.5	15	0.47	5.3
555896		1.64	<0.001	0.04	1.24	0.7	40	0.56	0.05	1.99	0.12	15.80	12.4	30	7.50	15.9
555897		2.55	<0.001	0.02	0.60	0.9	10	0.85	0.02	2.50	0.02	13.10	7.5	17	1.41	5.2
555898		2.48	<0.001	0.01	0.59	1.5	20	1.08	0.04	2.59	<0.02	13.70	8.4	17	1.33	9.8
555899		0.06	0.503	0.21	7.29	19.9	330	1.60	0.14	4.32	0.20	52.7	44.7	191	2.02	58.5
555900		2.39	<0.001	0.01	0.59	11.1	10	0.57	0.02	1.45	0.02	16.10	8.8	18	0.53	8.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236845

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555881		20.2	6.22	0.08	0.9	<0.005	0.021	0.04	15.2	19.4	2.64	27500	2.12	0.01	7.1	18.3
555882		16.60	6.29	0.07	1.1	0.007	0.024	0.22	11.5	19.7	2.24	27500	1.39	0.02	4.8	28.9
555883		10.10	1.28	<0.05	0.1	0.005	0.005	0.02	5.5	3.6	2.33	1600	2.93	<0.01	0.9	22.1
555884		9.05	0.63	<0.05	0.1	<0.005	<0.005	0.01	3.5	2.0	2.98	1840	0.52	<0.01	0.6	4.8
555885		11.65	1.69	<0.05	0.2	<0.005	0.005	0.08	6.7	6.5	3.60	3490	1.27	<0.01	3.1	24.9
555886		0.19	0.23	0.11	<0.1	<0.005	<0.005	0.01	1.1	0.9	1.68	115	0.05	0.03	0.1	0.3
555887		21.1	2.54	0.06	0.4	<0.005	0.012	0.03	6.5	5.0	2.86	12850	0.95	<0.01	3.7	8.5
555888		21.3	3.21	0.07	0.5	0.006	0.012	0.03	7.4	5.7	3.19	13450	0.43	<0.01	5.2	9.9
555889		18.95	3.69	0.08	0.6	0.005	0.017	0.34	8.2	4.8	3.13	15800	0.75	0.07	5.6	11.3
555890		20.8	4.55	0.07	0.7	<0.005	0.018	0.43	9.5	4.7	3.54	15450	0.77	0.10	5.9	13.7
555891		20.6	4.16	0.08	0.6	<0.005	0.013	0.15	7.9	6.2	2.78	20600	0.63	0.02	5.2	13.0
555892		17.20	3.66	0.07	0.5	<0.005	0.013	0.20	6.9	6.7	2.76	12350	0.63	0.01	4.8	11.8
555893		21.1	4.04	0.08	0.6	<0.005	0.012	0.20	7.8	7.6	2.89	18050	0.69	0.01	5.4	11.9
555894		19.55	3.61	0.06	0.5	<0.005	0.013	0.17	7.2	7.6	2.48	22800	0.56	<0.01	4.9	11.7
555895		17.75	2.56	0.06	0.3	<0.005	0.009	0.03	6.1	4.7	1.73	29400	0.37	<0.01	3.3	7.1
555896		19.15	5.09	0.07	0.6	0.058	0.025	0.21	8.7	2.7	2.63	19250	1.24	0.07	5.0	16.6
555897		17.70	3.14	0.07	0.5	0.011	0.014	0.13	7.1	3.2	2.84	13700	0.34	0.01	4.6	9.4
555898		18.65	3.12	0.06	0.5	0.005	0.012	0.17	7.5	5.8	3.17	12750	0.36	<0.01	4.3	9.6
555899		7.29	19.35	0.08	3.7	0.016	0.071	0.88	23.3	15.0	2.91	944	1.83	1.71	20.0	139.5
555900		19.20	3.01	0.07	0.5	<0.005	0.013	0.05	8.8	4.6	2.60	16150	0.64	0.01	4.4	11.8

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236845

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555881		1200	1.2	1.3	<0.002	0.30	0.11	4.1	1	<0.2	41.6	0.40	0.06	1.18	0.156	0.04
555882		760	2.1	6.7	<0.002	1.17	0.12	4.8	1	0.2	33.1	0.29	<0.05	1.41	0.123	0.21
555883		150	2.3	0.8	<0.002	2.24	0.22	0.4	1	<0.2	30.6	0.05	0.07	0.24	0.009	0.03
555884		130	1.0	0.4	<0.002	0.33	0.09	0.3	<1	<0.2	35.5	<0.05	<0.05	0.13	0.005	0.02
555885		300	1.3	5.1	<0.002	0.14	0.10	0.8	<1	<0.2	38.2	0.17	<0.05	0.66	0.061	0.14
555886		70	<0.5	0.2	<0.002	<0.01	0.06	0.2	1	<0.2	77.7	<0.05	<0.05	0.06	0.005	<0.02
555887		420	1.2	1.4	<0.002	0.15	0.08	1.4	1	0.2	20.7	0.20	<0.05	0.59	0.053	<0.02
555888		480	1.5	1.6	<0.002	0.12	0.08	1.8	1	0.2	26.4	0.30	0.05	0.78	0.089	0.02
555889		530	2.8	19.3	<0.002	0.18	0.20	2.2	1	0.3	40.5	0.34	0.05	0.85	0.116	0.08
555890		700	2.8	25.1	<0.002	0.15	0.22	2.7	1	0.3	38.0	0.30	0.06	0.91	0.108	0.08
555891		520	2.4	9.1	<0.002	0.14	0.30	2.7	1	0.2	35.2	0.28	<0.05	0.79	0.109	0.06
555892		490	2.2	12.8	<0.002	0.13	0.09	2.4	1	0.3	34.8	0.25	<0.05	0.72	0.091	0.09
555893		530	3.9	13.4	<0.002	0.14	0.09	2.5	1	0.3	43.5	0.27	0.06	0.77	0.106	0.10
555894		460	2.7	11.5	<0.002	0.12	0.42	2.4	1	0.3	47.6	0.26	<0.05	0.74	0.104	0.09
555895		540	1.6	2.5	<0.002	0.10	0.08	1.5	1	<0.2	64.2	0.16	<0.05	0.42	0.066	0.02
555896		590	1.8	10.2	<0.002	0.57	0.36	3.6	1	0.2	46.7	0.27	0.06	1.08	0.113	0.04
555897		440	1.1	6.3	<0.002	0.11	0.12	1.9	1	0.2	28.6	0.26	<0.05	0.69	0.082	0.09
555898		480	1.6	7.5	<0.002	0.17	0.12	2.0	1	0.3	22.6	0.26	0.28	0.70	0.088	0.11
555899		1160	14.1	40.1	<0.002	0.02	0.97	20.9	1	1.7	351	1.16	0.05	5.01	0.916	0.21
555900		610	1.2	2.5	<0.002	0.14	0.09	1.9	1	0.2	14.4	0.26	<0.05	0.78	0.075	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236845

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555881		0.8	113	0.4	8.6	42	37.9
555882		1.2	109	0.3	6.9	56	44.6
555883		1.1	11	0.4	4.3	10	5.4
555884		1.2	10	0.1	4.1	6	3.4
555885		0.8	17	0.2	6.8	9	8.8
555886		0.1	1	0.1	2.0	3	1.5
555887		0.4	36	0.3	5.6	14	16.6
555888		0.4	51	0.4	6.4	11	23.4
555889		0.7	67	0.8	8.1	13	26.5
555890		0.6	74	0.5	7.9	18	29.1
555891		0.5	65	0.4	8.8	13	27.6
555892		0.5	69	0.4	7.0	13	24.4
555893		0.5	66	0.3	8.8	14	27.1
555894		0.5	66	0.3	7.8	15	24.4
555895		0.2	44	0.4	6.0	12	16.2
555896		1.0	86	0.3	6.5	27	27.5
555897		0.4	55	0.2	5.5	12	21.7
555898		0.5	51	0.3	5.5	11	21.3
555899		1.1	147	1.9	20.6	132	148.5
555900		0.5	41	0.2	6.1	15	20.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18236845

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4-OCT-2018
Compte: MINVIR

CERTIFICAT VO18236847

Projet: Kan

Bon de commande #: KANDH18-RUSH-058

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 21-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

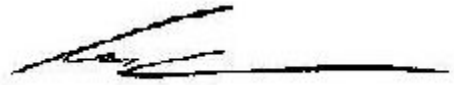
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236847

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555901		2.24	0.024	0.03	0.85	0.8	10	0.59	0.06	3.16	<0.02	16.25	8.2	28	0.92	10.5
555902		2.48	0.001	0.02	0.37	4.5	10	0.53	0.04	3.28	0.02	8.86	5.1	16	1.09	5.5
555903		0.97	<0.001	0.02	0.35	2.6	20	0.58	0.03	4.09	0.04	12.10	5.2	12	2.11	1.7
555904		1.75	0.323	0.09	0.24	0.5	20	0.44	0.05	2.26	0.11	5.36	4.4	7	0.86	8.3
555905		2.52	0.014	0.35	0.04	1.6	10	0.20	0.12	6.92	0.13	6.72	7.2	3	0.22	28.8
555906		0.21	<0.001	<0.01	0.05	<0.2	10	0.06	0.02	33.9	<0.02	0.92	0.6	1	<0.05	1.3
555907		2.61	0.006	0.26	0.03	7.7	<10	0.24	0.11	6.69	0.09	4.61	6.9	2	0.14	23.5
555908		2.66	0.006	0.42	0.04	4.7	10	0.20	0.12	6.00	0.13	5.57	9.5	3	0.18	42.2
555909		1.92	0.003	0.03	0.13	51.4	10	3.44	0.05	5.39	0.05	7.76	5.9	8	0.77	3.0
555910		3.13	0.002	0.03	0.20	4.3	10	0.65	0.03	3.42	<0.02	8.25	5.7	9	1.48	3.8
555911		3.35	<0.001	0.04	0.26	1.3	10	0.35	0.03	2.83	0.03	7.51	3.7	9	0.17	11.7
555912		1.25	0.054	0.76	3.53	66.2	170	1.46	0.17	0.16	1.30	47.6	74.7	45	1.24	128.0
555913		2.73	<0.001	0.11	0.24	144.0	10	0.41	0.03	1.99	0.02	11.55	4.1	11	0.15	26.3
555914		2.39	<0.001	0.02	0.11	6.8	<10	0.82	0.02	1.53	<0.02	7.63	2.1	7	0.20	1.9
555915		2.40	<0.001	0.02	0.22	4.9	10	0.47	0.02	8.03	0.04	9.57	3.6	7	0.67	2.7
555916		2.41	<0.001	0.03	0.23	6.6	10	0.56	0.03	6.14	0.03	8.42	4.1	9	0.68	5.8
555917		2.43	0.001	0.04	0.28	6.1	<10	0.55	0.02	2.75	0.02	12.25	4.2	8	0.27	2.4
555918		2.20	<0.001	0.06	0.47	3.2	<10	0.78	0.02	3.06	0.03	17.40	4.0	9	0.44	4.4
555919		0.06	2.62	0.43	6.87	11.7	330	1.12	0.16	4.74	0.08	44.0	51.9	302	0.67	80.3
555920		2.59	<0.001	0.03	0.20	9.1	<10	0.60	0.02	1.94	<0.02	9.75	5.0	8	0.29	3.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 4-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236847

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555901		19.70	3.63	0.07	0.6	0.007	0.017	0.10	8.7	8.4	4.18	9750	0.63	0.01	5.3	12.5
555902		16.90	1.34	<0.05	0.2	0.006	0.007	0.08	5.1	3.0	3.24	9850	0.62	0.01	2.3	5.5
555903		19.05	1.43	0.05	0.2	<0.005	0.006	0.11	6.4	2.7	3.71	10050	0.35	0.01	2.8	5.7
555904		25.3	0.97	<0.05	0.1	0.008	0.006	0.06	3.3	2.4	4.30	8260	0.50	<0.01	1.0	2.7
555905		26.5	0.27	0.05	<0.1	0.020	<0.005	0.01	4.8	0.9	4.82	6550	1.59	0.01	0.5	4.0
555906		0.34	0.20	<0.05	<0.1	<0.005	<0.005	0.01	1.1	1.0	1.40	189	<0.05	0.02	0.1	1.0
555907		25.2	0.25	<0.05	<0.1	0.013	<0.005	0.01	3.6	0.6	4.32	11200	1.02	<0.01	0.4	4.2
555908		27.5	0.30	<0.05	<0.1	0.024	0.005	0.01	4.2	0.8	3.60	11300	1.64	<0.01	0.5	5.5
555909		18.20	0.54	<0.05	0.1	0.008	0.005	0.04	4.8	1.4	3.53	7750	0.27	0.01	1.2	3.2
555910		22.2	0.73	<0.05	0.1	<0.005	0.005	0.06	4.9	1.6	3.42	10200	0.48	0.01	1.6	3.7
555911		18.40	1.14	<0.05	0.1	0.008	<0.005	0.07	4.5	3.3	2.75	6980	0.40	0.02	1.0	7.2
555912		18.95	10.40	0.10	2.4	0.281	0.082	1.84	25.2	25.5	0.37	121	10.65	0.10	7.5	83.5
555913		16.55	2.22	<0.05	0.2	0.019	0.008	0.08	6.9	3.2	3.38	5490	0.80	0.01	2.3	11.7
555914		19.20	2.16	<0.05	0.1	<0.005	<0.005	0.03	4.5	1.3	3.33	5060	0.20	<0.01	1.1	2.2
555915		18.25	1.63	<0.05	0.1	<0.005	<0.005	0.04	5.8	1.3	4.55	5520	0.36	0.01	1.4	4.0
555916		17.55	2.11	<0.05	0.1	<0.005	0.005	0.04	5.1	1.3	3.78	4790	0.54	0.01	2.1	13.6
555917		22.5	2.20	<0.05	0.3	<0.005	0.007	0.02	6.8	1.4	3.21	6110	0.49	<0.01	4.5	3.9
555918		19.55	2.98	<0.05	0.7	<0.005	0.011	0.02	9.5	2.1	2.86	5570	0.32	<0.01	7.8	3.9
555919		7.49	17.80	0.07	3.3	0.051	0.058	0.99	21.9	9.4	5.60	1060	2.93	2.00	28.1	361
555920		20.1	1.07	<0.05	0.1	<0.005	0.005	0.02	5.9	0.8	2.64	7010	0.44	<0.01	1.5	4.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236847

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555901		480	2.0	4.5	<0.002	0.31	0.13	2.5	1	0.3	28.9	0.34	0.06	1.13	0.086	0.07
555902		350	1.5	3.6	<0.002	0.32	0.13	1.0	1	0.2	28.5	0.11	<0.05	0.48	0.038	0.05
555903		420	1.4	4.9	<0.002	0.12	0.12	0.9	<1	<0.2	45.1	0.12	<0.05	0.63	0.032	0.05
555904		160	2.1	2.2	<0.002	1.19	0.10	0.5	1	<0.2	32.3	0.05	0.07	0.26	0.013	0.03
555905		50	4.9	0.4	<0.002	3.95	0.19	0.1	1	<0.2	65.6	<0.05	0.24	0.05	<0.005	<0.02
555906		70	3.6	0.2	<0.002	0.01	0.06	0.2	1	<0.2	79.9	<0.05	<0.05	0.05	<0.005	<0.02
555907		70	3.6	0.3	<0.002	3.66	0.16	0.1	1	<0.2	47.4	<0.05	0.13	0.05	<0.005	<0.02
555908		80	5.0	0.4	<0.002	5.74	0.19	0.1	1	<0.2	53.0	<0.05	0.20	0.06	<0.005	<0.02
555909		250	1.7	1.7	<0.002	0.33	0.15	0.4	<1	<0.2	45.7	0.05	0.06	0.24	0.012	0.02
555910		420	1.1	3.0	<0.002	0.14	0.08	0.5	<1	<0.2	23.6	0.07	0.06	0.32	0.020	0.03
555911		310	1.3	2.4	<0.002	0.66	0.09	0.6	<1	<0.2	25.5	<0.05	<0.05	0.22	0.012	0.05
555912		430	49.8	50.1	0.011	>10.0	5.76	7.4	7	2.3	7.4	0.40	1.43	3.31	0.153	1.24
555913		250	4.4	2.9	<0.002	1.68	0.57	0.5	<1	<0.2	20.0	0.19	0.12	0.47	0.011	0.09
555914		260	0.8	1.6	<0.002	0.21	0.09	0.2	<1	<0.2	9.9	<0.05	<0.05	0.11	<0.005	0.05
555915		180	2.0	1.7	<0.002	0.23	0.11	0.5	1	<0.2	61.8	0.06	<0.05	0.20	0.011	0.03
555916		120	1.8	1.7	<0.002	0.23	0.10	0.6	1	<0.2	50.8	0.09	0.05	0.28	0.015	0.03
555917		240	1.4	1.2	<0.002	0.25	0.10	0.6	<1	<0.2	23.9	0.21	<0.05	0.50	0.016	0.03
555918		250	1.8	1.1	<0.002	0.42	0.11	0.4	<1	0.2	23.5	0.61	<0.05	1.01	0.013	0.02
555919		1830	5.3	31.2	<0.002	0.03	0.32	21.9	1	1.3	474	1.60	0.09	2.80	1.075	0.06
555920		350	1.3	1.0	<0.002	0.35	0.08	0.5	<1	<0.2	15.2	0.06	<0.05	0.19	0.012	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236847

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555901		0.9	51	0.4	6.8	15	25.2
555902		0.3	23	0.2	4.5	9	8.9
555903		0.3	20	0.2	5.3	10	8.9
555904		0.2	16	0.2	4.2	23	11.8
555905		0.1	7	0.1	5.1	16	5.4
555906		0.1	1	0.1	2.0	3	1.2
555907		<0.1	5	0.2	4.8	12	1.7
555908		<0.1	6	0.1	4.8	16	1.5
555909		0.1	12	0.2	5.3	13	4.0
555910		0.1	13	0.2	5.8	7	5.2
555911		0.2	19	0.2	4.1	18	4.1
555912		7.4	97	1.3	9.4	372	91.4
555913		0.4	20	0.2	4.4	17	8.4
555914		0.1	11	0.1	4.2	7	4.1
555915		0.3	18	0.2	6.6	7	5.2
555916		0.4	27	0.2	6.0	7	7.2
555917		0.5	27	0.2	6.4	9	12.8
555918		0.4	19	0.3	7.8	11	27.1
555919		0.6	150	3.2	20.8	104	135.0
555920		0.3	21	0.2	6.4	6	5.5

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CERTIFICAT D'ANALYSE VO18236847

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 2-OCT-2018
Compte: MINVIR

CERTIFICAT VO18236851

Projet: Kan

Bon de commande #: KANDH18-RUSH-059

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 21-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 2-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236851

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555921		2.20	<0.001	0.09	0.21	5.7	10	0.49	0.05	2.22	0.03	12.25	3.1	9	0.70	4.1
555922		2.50	0.001	0.06	0.21	4.8	<10	0.39	0.04	1.86	0.02	11.60	3.8	9	0.34	4.7
555923		2.58	1.700	0.17	0.28	8.7	10	0.36	0.04	5.07	0.08	9.81	3.9	8	0.51	7.2
555924		2.44	0.081	0.01	0.09	3.4	<10	0.39	0.02	1.54	0.02	7.15	1.9	9	0.24	2.6
555925		2.35	<0.001	0.02	0.08	3.6	<10	0.57	0.02	0.71	<0.02	7.08	1.6	8	0.22	1.0
555926		0.22	<0.001	<0.01	0.09	0.2	20	0.07	0.07	32.2	<0.02	1.29	0.4	2	<0.05	0.7
555927		2.23	0.673	0.02	0.13	2.3	10	0.42	0.02	6.17	0.08	8.16	2.3	10	1.34	4.3
555928		2.57	0.008	0.01	0.21	3.7	10	0.29	0.02	7.92	0.05	11.00	2.9	6	1.12	3.5
555929		2.52	0.007	0.03	0.39	9.6	10	0.44	0.03	4.63	0.05	14.60	6.0	12	2.02	12.0
555930		2.32	0.001	0.02	0.33	6.4	10	0.56	0.03	3.55	0.03	14.15	5.0	16	2.64	7.6
555931		2.58	<0.001	0.01	0.33	4.4	<10	1.18	0.02	2.51	0.02	25.8	3.5	5	0.63	2.7
555932		2.55	<0.001	0.01	0.18	4.1	10	0.45	0.02	3.86	0.02	11.20	3.7	5	1.62	3.5
555933		2.57	<0.001	0.01	0.34	8.2	20	0.49	0.02	3.84	0.02	14.85	5.1	17	2.74	2.9
555934		2.63	0.009	0.01	0.22	2.6	20	0.58	0.01	4.32	<0.02	13.95	5.5	8	3.31	1.6
555935		2.65	<0.001	0.01	0.20	2.0	20	0.55	0.02	3.40	<0.02	11.50	4.7	6	3.16	1.1
555936		2.70	<0.001	0.01	0.17	4.7	10	0.54	0.02	3.00	<0.02	12.95	4.4	6	2.47	1.4
555937		2.57	0.201	0.01	0.27	6.6	20	0.51	0.02	1.80	0.03	16.90	4.8	7	3.65	5.2
555938		2.45	0.002	0.01	0.19	3.2	20	0.49	0.01	6.95	0.02	14.40	3.8	14	2.62	2.4
555939		0.06	7.61	1.28	5.88	30.3	300	0.86	0.48	2.84	0.08	34.4	37.3	303	0.62	104.5
555940		2.71	0.002	0.01	0.17	5.5	20	0.51	0.02	2.93	<0.02	18.85	4.8	6	2.39	2.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 2-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236851

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555921		21.4	1.04	0.05	0.2	<0.005	0.009	0.03	5.4	0.8	2.95	5680	0.36	0.01	3.4	2.8
555922		19.55	0.85	0.05	0.1	<0.005	0.009	0.02	5.6	0.9	2.54	6230	0.43	<0.01	2.1	3.2
555923		16.35	1.73	0.05	0.1	0.013	0.009	0.05	4.7	2.0	3.25	4290	0.53	<0.01	1.5	4.2
555924		15.95	1.08	<0.05	<0.1	0.006	0.005	0.02	3.4	1.2	2.75	4090	0.19	<0.01	0.7	2.4
555925		17.20	1.30	0.05	<0.1	<0.005	<0.005	0.01	3.4	0.9	2.81	4380	0.15	<0.01	0.8	2.0
555926		0.20	0.24	0.07	0.1	<0.005	<0.005	0.02	1.1	0.9	1.27	116	<0.05	0.04	0.2	<0.2
555927		13.50	0.68	<0.05	0.1	0.028	0.007	0.04	3.5	1.0	3.03	4210	0.27	0.02	0.8	2.1
555928		16.85	1.22	<0.05	0.1	<0.005	0.007	0.04	5.3	1.1	4.22	4930	0.44	0.01	1.5	3.0
555929		21.0	2.36	0.05	0.2	0.007	0.012	0.07	7.1	1.4	3.86	5230	0.83	0.02	2.5	6.9
555930		20.7	2.33	<0.05	0.2	0.008	0.009	0.08	6.6	1.1	3.41	5020	0.87	0.03	2.8	5.3
555931		24.0	1.65	0.06	0.6	<0.005	0.008	0.02	11.7	1.2	3.36	6490	0.29	0.01	4.2	2.6
555932		20.7	0.79	0.05	0.1	<0.005	0.007	0.05	5.5	0.7	3.30	6560	0.23	0.02	1.1	2.8
555933		21.5	1.46	<0.05	0.2	0.011	0.006	0.08	6.7	1.0	3.43	9140	0.46	0.03	2.5	3.5
555934		21.7	0.79	0.05	0.1	0.027	0.007	0.10	6.1	1.0	3.71	9870	0.40	0.04	2.8	3.4
555935		23.0	0.65	0.05	0.1	0.017	0.006	0.09	5.0	0.8	3.81	9450	0.28	0.04	2.4	2.7
555936		22.0	0.63	<0.05	0.1	0.012	0.006	0.08	5.4	1.0	3.80	8430	0.22	0.03	2.4	2.7
555937		23.9	0.94	<0.05	0.1	0.023	0.006	0.11	7.2	0.9	3.49	9160	0.21	0.04	3.1	3.4
555938		19.80	0.83	0.05	0.1	0.007	0.007	0.08	6.0	0.8	3.88	9100	0.34	0.03	2.7	2.5
555939		5.36	13.70	0.08	2.2	0.152	0.047	1.01	14.3	14.8	3.89	731	5.41	1.14	15.5	242
555940		23.4	0.58	0.05	0.1	0.020	0.007	0.07	7.0	0.8	3.42	10600	0.37	0.03	5.2	2.9

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Projet: Kan

CERTIFICAT D'ANALYSE VO18236851

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555921		230	1.8	1.0	<0.002	0.30	0.17	0.4	<1	<0.2	21.9	0.12	<0.05	0.32	0.011	<0.02
555922		300	1.3	1.1	<0.002	0.56	0.12	0.4	<1	<0.2	18.6	0.08	<0.05	0.24	0.014	0.02
555923		140	2.5	2.2	<0.002	0.39	0.18	0.5	1	<0.2	61.9	0.07	<0.05	0.22	0.012	0.04
555924		190	1.0	1.1	<0.002	0.15	0.13	0.2	<1	<0.2	14.9	<0.05	<0.05	0.10	<0.005	0.02
555925		170	0.6	0.7	<0.002	0.06	0.15	0.1	<1	<0.2	6.4	<0.05	<0.05	0.09	<0.005	<0.02
555926		60	0.7	0.5	<0.002	<0.01	0.08	0.3	1	<0.2	81.4	<0.05	<0.05	0.07	0.011	<0.02
555927		90	1.8	1.5	<0.002	0.32	0.14	0.4	1	<0.2	71.4	0.05	<0.05	0.12	0.005	<0.02
555928		110	2.1	1.6	<0.002	0.20	0.12	0.5	1	<0.2	74.1	0.07	<0.05	0.22	0.012	0.02
555929		150	2.2	2.4	0.002	0.61	0.16	0.9	1	<0.2	46.4	0.12	0.07	0.47	0.028	0.02
555930		140	1.8	2.8	0.002	0.40	0.17	0.8	1	<0.2	37.0	0.12	0.05	0.44	0.026	0.02
555931		280	1.3	0.9	<0.002	0.19	0.11	0.3	<1	<0.2	24.2	0.48	<0.05	1.03	0.013	<0.02
555932		270	1.1	1.5	<0.002	0.22	0.10	0.4	<1	<0.2	30.9	0.06	<0.05	0.21	0.009	<0.02
555933		430	1.2	2.7	<0.002	0.19	0.14	0.7	1	<0.2	34.1	0.09	0.05	0.54	0.024	<0.02
555934		410	1.2	3.3	<0.002	0.04	0.15	0.5	<1	<0.2	36.5	0.10	<0.05	0.49	0.023	<0.02
555935		310	1.1	3.1	<0.002	0.03	0.14	0.4	<1	<0.2	29.3	0.07	<0.05	0.47	0.019	<0.02
555936		280	1.3	2.9	<0.002	0.05	0.14	0.4	<1	<0.2	28.4	0.07	0.18	0.39	0.017	<0.02
555937		560	1.1	3.9	<0.002	0.28	0.12	0.6	1	<0.2	23.3	0.10	<0.05	0.55	0.023	<0.02
555938		260	1.8	2.6	<0.002	0.04	0.14	0.5	1	<0.2	83.0	0.08	<0.05	0.43	0.016	<0.02
555939		1070	9.4	37.3	<0.002	0.08	0.78	19.3	<1	0.9	268	0.85	0.22	2.35	0.663	0.19
555940		470	0.9	2.4	<0.002	0.03	0.12	0.5	<1	0.2	32.8	0.13	<0.05	0.78	0.017	<0.02

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236851

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555921		0.3	21	0.2	5.7	8	7.8
555922		0.3	21	0.2	5.4	7	5.7
555923		0.3	24	0.1	5.3	12	5.4
555924		0.1	10	0.1	3.8	5	2.8
555925		0.1	10	0.1	4.0	4	3.1
555926		0.2	2	0.1	2.2	2	2.3
555927		0.2	12	0.1	6.9	6	2.7
555928		0.4	19	0.1	6.4	8	5.5
555929		0.7	35	0.2	6.7	10	10.6
555930		0.6	36	0.1	6.1	7	9.8
555931		0.5	21	0.1	8.1	9	26.9
555932		0.2	18	0.2	6.4	6	4.8
555933		0.4	25	0.2	6.5	7	8.5
555934		0.1	16	0.4	5.9	6	6.6
555935		0.1	13	0.2	5.2	5	6.2
555936		0.1	14	0.2	5.4	5	5.5
555937		0.2	17	0.2	5.7	10	6.7
555938		0.1	13	0.2	6.3	8	5.5
555939		0.6	139	8.0	14.2	81	91.2
555940		0.1	13	0.2	5.8	7	6.5

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CERTIFICAT D'ANALYSE VO18236851

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18236852

Projet: Kan

Bon de commande #: KANDH18-RUSH-060

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 21-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

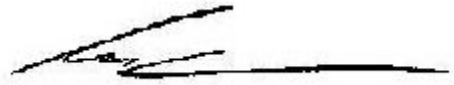
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18236852

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555941		2.58	0.949	0.34	0.20	10.4	20	0.40	0.03	1.89	0.07	12.00	5.6	7	2.97	29.0
555942		2.44	0.022	0.01	0.21	12.9	20	0.44	0.01	1.53	0.04	11.35	5.0	7	3.56	7.3
555943		2.55	0.122	0.04	0.19	5.0	20	0.38	0.02	6.15	0.12	8.08	3.7	7	2.03	19.2
555944		2.72	0.243	0.22	0.14	3.9	20	0.54	0.02	4.50	0.04	10.60	4.0	8	1.99	7.4
555945		2.51	0.043	0.01	0.12	7.9	10	0.65	0.01	2.50	<0.02	10.05	2.9	8	1.62	2.6
555946		0.19	0.002	<0.01	0.06	<0.2	10	0.05	<0.01	31.5	<0.02	1.03	0.6	1	<0.05	1.3
555947		2.45	0.003	0.02	0.17	14.0	20	0.56	0.02	4.73	0.02	10.70	4.6	9	2.70	8.3
555948		2.53	0.013	0.02	0.19	21.6	20	0.29	0.01	5.08	0.05	11.90	5.1	10	3.01	5.7
555949		2.56	0.257	0.01	0.09	6.2	10	0.57	0.01	3.17	0.02	9.26	2.8	10	1.41	2.2
555950		2.20	0.004	0.02	0.19	6.2	20	0.42	0.01	3.32	0.04	8.43	2.7	9	3.25	6.2
555951		2.61	0.147	0.01	0.14	25.5	20	0.37	0.02	2.88	0.04	11.15	4.4	7	2.55	9.5
555952		2.45	0.226	0.04	0.76	13.3	20	0.56	0.03	1.61	0.02	17.00	8.8	26	2.41	9.9
555953		2.20	0.003	0.07	0.39	6.0	10	0.50	0.04	1.18	0.03	9.95	9.7	17	1.64	15.9
555954		2.51	0.002	0.06	0.68	13.1	10	0.54	0.03	2.87	0.02	16.30	9.2	21	1.90	13.9
555955		2.44	0.029	0.02	0.47	11.2	30	0.58	0.01	2.04	0.02	13.05	6.7	18	5.78	5.9
555956		2.59	0.004	0.03	0.31	6.2	10	0.90	0.01	1.94	<0.02	10.65	4.7	12	2.32	3.2
555957		2.54	<0.001	0.01	0.49	13.5	<10	0.71	0.02	1.75	<0.02	14.10	7.4	19	0.37	5.0
555958		2.31	<0.001	0.19	0.41	4.9	10	0.51	0.10	1.03	0.06	8.91	8.8	20	0.51	26.1
555959		0.06	0.675	0.21	7.05	19.8	330	1.52	0.13	4.26	0.19	48.8	42.9	188	1.96	57.5
555960		2.83	<0.001	0.04	0.37	11.5	<10	0.69	0.02	1.21	0.19	10.65	5.4	16	0.22	7.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18236852

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555941		25.3	0.91	0.08	0.1	0.080	0.006	0.09	7.2	0.5	3.27	9140	0.17	0.04	1.8	2.9
555942		24.8	0.89	0.09	0.1	<0.005	0.008	0.11	7.0	0.5	3.61	7540	0.22	0.04	2.5	3.5
555943		18.55	0.84	0.07	0.1	0.020	0.008	0.08	4.2	0.8	4.06	5970	0.14	0.04	1.1	2.5
555944		22.7	0.74	0.09	0.1	0.016	0.005	0.07	6.4	0.5	3.85	8180	0.11	0.03	1.4	2.4
555945		21.6	0.65	0.07	0.1	0.008	<0.005	0.05	6.3	0.4	3.25	7770	0.15	0.03	1.0	1.9
555946		0.23	0.17	<0.05	<0.1	<0.005	<0.005	0.01	1.1	0.8	1.59	127	<0.05	0.03	0.1	<0.2
555947		18.00	0.89	0.07	0.1	0.031	0.005	0.08	5.3	0.6	3.17	7870	0.35	0.04	2.3	3.3
555948		19.10	0.84	0.07	0.1	0.016	0.007	0.09	6.0	0.6	3.36	9010	0.37	0.04	2.4	3.6
555949		19.40	0.49	0.07	0.1	0.013	<0.005	0.04	5.2	0.4	3.35	7270	0.16	0.02	1.7	1.8
555950		17.35	0.80	0.06	0.1	0.011	0.005	0.10	4.7	0.5	3.05	6530	0.15	0.04	1.5	1.8
555951		23.1	0.66	0.07	0.1	0.006	0.006	0.07	6.8	0.4	3.55	8240	0.11	0.03	1.3	2.2
555952		22.9	2.97	0.08	0.4	0.068	0.011	0.07	10.0	1.9	3.08	12900	1.36	0.03	4.7	10.1
555953		19.25	1.80	0.07	0.3	<0.005	0.094	0.05	5.3	1.1	2.11	12500	0.73	0.02	2.8	10.9
555954		19.80	2.85	0.08	0.6	0.010	0.103	0.05	9.0	1.8	2.83	12650	0.75	0.02	5.2	11.7
555955		19.70	1.85	0.07	0.4	0.017	0.011	0.16	7.1	1.0	2.92	10050	0.29	0.06	4.0	7.3
555956		22.8	1.39	0.08	0.3	0.008	0.009	0.07	5.8	0.9	3.47	10900	0.43	0.03	3.1	3.5
555957		19.95	2.20	0.07	0.3	0.007	0.011	0.03	8.0	2.0	2.88	13350	0.82	<0.01	3.4	7.4
555958		19.20	1.67	0.07	0.3	<0.005	0.038	0.06	4.6	2.2	1.99	12350	1.07	<0.01	2.9	12.9
555959		7.23	18.85	0.08	3.6	0.023	0.071	0.87	21.6	13.9	2.86	942	2.30	1.69	19.9	139.5
555960		19.05	1.74	0.07	0.3	<0.005	0.976	0.02	5.6	2.2	2.23	14950	0.58	<0.01	3.0	6.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 2-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236852

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555941		460	1.2	2.9	<0.002	0.77	0.08	0.5	1	0.2	32.7	0.06	0.07	0.25	0.012	<0.02
555942		280	0.8	3.4	<0.002	0.14	0.09	0.6	1	<0.2	21.6	0.08	0.05	0.41	0.017	<0.02
555943		110	1.9	2.6	<0.002	0.40	0.11	0.7	1	<0.2	95.4	<0.05	0.06	0.23	0.010	<0.02
555944		250	1.2	2.1	<0.002	0.23	0.05	0.4	1	<0.2	52.3	0.05	0.05	0.21	0.010	<0.02
555945		410	0.7	1.7	<0.002	0.07	0.06	0.3	<1	<0.2	28.3	<0.05	<0.05	0.16	0.007	<0.02
555946		60	<0.5	0.4	<0.002	<0.01	<0.05	0.2	1	<0.2	78.7	<0.05	<0.05	0.05	<0.005	<0.02
555947		210	1.3	2.6	<0.002	0.18	0.09	0.6	1	<0.2	59.9	0.09	0.07	0.35	0.017	<0.02
555948		290	2.2	3.0	<0.002	0.14	0.20	0.5	1	0.2	71.6	0.10	0.05	0.33	0.015	<0.02
555949		320	0.9	1.5	<0.002	0.05	0.07	0.4	1	<0.2	46.0	0.05	<0.05	0.24	0.011	<0.02
555950		220	1.0	3.3	<0.002	0.20	0.07	0.4	1	0.2	48.5	0.09	<0.05	0.20	0.010	<0.02
555951		450	0.9	2.4	<0.002	0.26	0.08	0.4	1	0.2	42.0	0.05	0.06	0.20	0.010	<0.02
555952		520	1.1	2.6	<0.002	0.30	0.14	2.0	1	0.4	22.5	0.21	0.06	0.98	0.078	<0.02
555953		390	1.0	1.6	<0.002	0.90	0.09	1.3	1	0.3	16.3	0.14	0.05	0.52	0.040	<0.02
555954		510	1.4	1.9	<0.002	0.58	0.11	2.1	1	0.3	35.6	0.31	0.06	0.95	0.071	<0.02
555955		430	0.8	5.6	<0.002	0.13	0.11	1.5	1	0.3	28.1	0.25	0.05	0.66	0.062	<0.02
555956		330	0.7	2.4	<0.002	0.05	0.08	1.0	1	0.2	23.4	0.14	<0.05	0.51	0.038	<0.02
555957		600	0.9	1.6	<0.002	0.10	0.10	1.4	1	0.2	18.1	0.16	<0.05	0.58	0.053	0.03
555958		270	13.9	3.1	<0.002	1.64	0.08	1.1	1	1.0	13.3	0.14	0.09	0.51	0.045	0.05
555959		1150	13.6	36.1	<0.002	0.02	0.97	19.8	<1	1.7	349	1.15	0.05	4.65	0.901	0.19
555960		400	0.7	1.1	<0.002	0.04	0.10	1.0	<1	0.7	11.3	0.16	<0.05	0.56	0.035	0.02

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CERTIFICAT D'ANALYSE VO18236852

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555941		0.1	13	0.3	5.3	13	4.4
555942		0.1	16	0.2	4.9	15	6.4
555943		0.1	12	0.2	6.1	15	3.2
555944		0.1	11	0.3	6.4	10	3.8
555945		0.1	9	0.2	5.8	7	2.8
555946		0.1	1	<0.1	2.0	5	1.4
555947		0.2	13	0.4	6.9	8	6.0
555948		0.1	14	0.2	6.1	15	4.7
555949		0.1	10	0.2	5.7	9	4.9
555950		0.1	13	0.4	5.0	13	3.9
555951		0.1	11	0.1	6.3	13	3.9
555952		0.7	41	0.2	7.0	20	20.2
555953		0.5	26	0.4	5.1	14	13.1
555954		0.6	45	0.3	7.2	14	25.6
555955		0.4	35	0.3	5.9	12	17.8
555956		0.2	22	0.3	6.6	8	12.3
555957		0.5	30	0.2	8.3	11	15.2
555958		0.4	25	0.3	5.1	21	12.5
555959		1.1	146	2.0	20.1	132	145.5
555960		0.4	24	0.6	6.4	61	14.0

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CERTIFICAT D'ANALYSE VO18236852

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 3-OCT-2018
Compte: MINVIR

CERTIFICAT VO18236854

Projet: Kan

Bon de commande #: KANDH18-RUSH-061

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 21-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

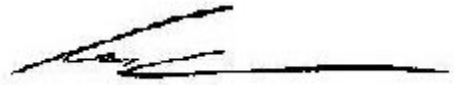
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18236854

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555961		2.56	0.029	0.03	0.84	11.3	<10	0.83	0.05	1.71	0.05	20.2	9.4	25	0.22	10.7
555962		2.57	0.008	0.02	0.61	5.6	<10	0.57	0.03	1.78	0.03	15.00	7.7	19	0.22	7.9
555963		2.62	0.083	0.13	0.53	6.2	<10	0.67	0.03	2.54	0.02	13.70	7.8	15	0.27	10.4
555964		2.62	<0.001	0.02	0.82	0.8	10	0.88	0.04	2.81	0.03	16.35	9.7	21	0.65	9.6
555965		1.81	0.002	0.01	0.56	1.3	10	0.76	0.02	3.40	0.05	11.45	6.8	17	0.93	6.3
555966		0.15	<0.001	0.01	0.15	<0.2	30	0.06	0.02	32.1	0.02	1.23	1.5	5	0.05	24.6
555967		1.36	0.002	0.02	1.05	0.5	10	0.69	0.03	3.09	0.15	20.3	10.0	22	0.79	12.5
555968		2.09	<0.001	0.04	4.21	14.0	230	1.82	0.07	2.87	0.15	27.2	21.7	72	6.22	39.6
555969		2.30	0.001	0.03	0.73	1.9	10	0.57	0.03	3.37	0.09	11.40	8.5	21	2.35	7.9
555970		2.74	0.005	0.04	1.36	2.0	10	1.05	0.05	2.19	0.07	19.45	13.8	35	2.02	15.2
555971		2.36	0.002	0.02	0.86	2.0	10	0.88	0.03	2.25	0.02	13.25	8.1	32	0.49	10.0
555972		2.34	<0.001	0.02	0.79	9.4	10	0.54	0.03	1.91	0.03	15.50	9.2	23	1.47	7.0
555973		2.51	0.780	0.12	0.61	3.8	10	0.56	0.04	2.04	0.06	13.80	10.4	16	3.47	20.2
555974		2.65	0.001	0.05	1.02	9.5	10	0.64	0.04	1.43	0.04	18.40	8.7	32	0.81	10.8
555975		2.00	<0.001	0.02	1.11	11.6	10	0.56	0.04	2.50	0.06	23.5	10.0	33	1.38	7.7
555976		2.28	0.005	0.10	0.58	4.8	20	0.43	0.03	4.63	0.08	15.95	12.4	18	1.45	27.9
555977		2.24	0.020	0.14	0.33	9.1	20	0.28	0.07	4.39	0.06	8.28	12.6	16	1.16	42.2
555978		2.35	<0.001	0.05	0.57	9.4	10	0.43	0.02	2.61	0.08	13.85	6.0	27	0.95	4.9
555979		0.07	2.54	0.42	6.57	11.8	310	1.02	0.17	4.67	0.07	43.2	51.4	309	0.71	77.7
555980		2.41	<0.001	0.02	0.72	16.3	10	0.43	0.02	2.54	0.08	13.85	7.0	23	1.27	4.7

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CERTIFICAT D'ANALYSE VO18236854

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555961		19.60	2.76	0.07	0.8	<0.005	0.019	0.02	10.8	3.5	2.52	14000	0.98	<0.01	6.4	13.6
555962		20.9	2.61	0.07	0.5	<0.005	0.012	0.02	8.0	2.7	3.16	12250	0.39	<0.01	4.6	9.0
555963		19.20	2.16	0.06	0.4	0.008	0.011	0.03	7.4	2.7	3.19	11750	0.33	<0.01	3.7	9.2
555964		20.9	4.42	0.07	0.7	<0.005	0.015	0.07	8.9	4.4	3.37	14200	0.39	<0.01	5.6	13.2
555965		16.40	3.08	0.08	0.5	<0.005	0.013	0.10	6.3	3.3	2.86	12050	0.33	<0.01	4.2	9.2
555966		0.43	0.48	<0.05	0.1	<0.005	<0.005	0.02	1.3	1.0	1.24	166	0.07	0.08	0.2	1.3
555967		19.45	5.05	0.07	1.0	0.005	0.020	0.06	11.0	3.4	3.19	12500	0.42	<0.01	8.7	13.0
555968		11.05	11.90	0.06	1.3	0.022	0.038	1.55	14.0	34.1	2.67	4700	1.38	0.34	6.2	45.7
555969		14.55	3.70	0.06	0.5	0.016	0.014	0.09	6.4	2.1	2.60	11600	0.38	0.02	4.4	12.6
555970		22.2	7.07	0.09	1.2	0.016	0.024	0.19	10.6	4.8	3.60	16350	0.51	<0.01	9.9	21.8
555971		15.05	4.13	0.07	0.6	0.005	0.014	0.05	7.3	3.1	2.38	11850	0.40	<0.01	5.0	11.7
555972		20.7	4.04	0.07	0.6	0.013	0.018	0.12	8.5	3.0	3.20	13450	0.46	0.01	5.0	11.4
555973		21.3	3.16	0.08	0.5	0.034	0.017	0.16	7.6	2.2	3.25	11550	0.29	0.02	3.9	13.8
555974		21.3	4.80	0.08	0.8	0.007	0.020	0.06	9.8	3.5	2.97	13650	0.61	<0.01	6.8	11.5
555975		21.6	5.43	0.10	0.8	0.010	0.026	0.13	12.5	6.1	3.13	15800	1.01	<0.01	7.0	13.4
555976		16.30	2.89	0.07	0.6	0.012	0.169	0.12	8.5	4.7	2.93	8900	1.15	0.07	5.2	23.7
555977		14.80	2.09	0.06	0.3	0.012	0.265	0.11	4.6	3.5	2.66	7160	1.38	0.03	2.5	24.6
555978		17.05	2.46	0.06	0.4	0.007	0.048	0.08	7.8	4.1	2.78	11650	1.53	<0.01	4.1	11.1
555979		7.16	18.35	0.10	3.6	0.050	0.060	0.93	21.6	8.7	5.32	1000	3.10	1.90	28.0	336
555980		18.25	3.23	0.06	0.4	0.006	0.179	0.12	7.7	5.0	3.08	11050	1.49	0.01	3.4	10.1

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Projet: Kan

CERTIFICAT D'ANALYSE VO18236854

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555961		490	2.7	1.1	<0.002	0.21	0.10	2.6	1	0.4	16.7	0.39	0.06	1.40	0.092	0.03
555962		430	1.5	1.1	<0.002	0.14	0.09	2.0	1	0.2	17.0	0.29	<0.05	0.84	0.081	0.02
555963		400	1.7	1.5	<0.002	0.28	0.10	1.6	1	0.2	22.5	0.23	0.05	0.72	0.064	0.03
555964		550	3.3	3.5	<0.002	0.19	0.13	2.8	1	0.2	26.9	0.32	<0.05	0.98	0.110	0.05
555965		390	1.6	5.0	<0.002	0.11	0.11	1.9	1	0.2	37.9	0.23	<0.05	0.70	0.074	0.07
555966		70	0.5	0.4	<0.002	0.09	0.05	1.3	1	<0.2	80.4	<0.05	<0.05	0.08	0.016	<0.02
555967		580	2.5	3.0	<0.002	0.35	0.14	3.1	1	0.2	46.2	0.48	0.06	1.51	0.136	0.03
555968		290	5.9	49.7	0.003	0.61	0.30	14.3	1	0.8	64.4	0.40	<0.05	3.38	0.272	0.42
555969		370	2.0	4.2	<0.002	0.19	0.17	2.5	1	<0.2	54.5	0.22	<0.05	0.77	0.083	0.03
555970		580	2.4	10.6	<0.002	0.31	0.16	4.7	1	0.4	35.4	0.56	0.05	1.60	0.199	0.12
555971		440	2.1	2.5	<0.002	0.24	0.11	2.5	1	<0.2	23.9	0.30	0.05	0.96	0.107	0.03
555972		520	2.0	6.4	<0.002	0.18	0.14	2.6	1	0.2	23.5	0.31	0.05	0.87	0.106	0.07
555973		360	2.2	7.7	<0.002	0.62	0.11	1.7	2	0.2	37.8	0.27	0.07	0.77	0.069	0.06
555974		430	2.0	3.5	<0.002	0.34	0.12	3.1	1	0.2	20.1	0.40	0.07	1.35	0.124	0.05
555975		650	2.2	6.7	<0.002	0.27	0.12	3.6	1	0.3	32.5	0.41	<0.05	1.52	0.116	0.09
555976		400	3.0	4.6	<0.002	1.44	0.11	1.4	2	0.3	69.5	0.35	0.07	1.13	0.055	0.07
555977		310	3.5	4.6	<0.002	1.51	0.15	1.1	1	0.4	47.6	0.13	0.08	0.49	0.035	0.07
555978		430	3.7	3.6	<0.002	0.09	0.36	1.6	1	0.3	30.4	0.19	<0.05	0.96	0.067	0.05
555979		1800	5.1	30.7	<0.002	0.03	0.32	20.6	1	1.3	458	1.58	0.07	2.86	1.010	0.07
555980		380	1.8	5.4	<0.002	0.18	0.10	1.9	1	0.4	35.2	0.18	<0.05	0.77	0.054	0.06

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18236854

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555961		1.0	53	0.3	8.7	23	32.7
555962		0.5	44	0.3	7.1	13	22.2
555963		0.3	38	0.5	6.0	11	17.9
555964		0.7	66	0.3	7.3	15	29.1
555965		0.4	53	0.2	5.4	11	20.7
555966		0.2	6	0.1	2.7	3	3.3
555967		0.7	87	0.3	6.9	19	42.6
555968		1.8	154	1.1	5.8	81	45.3
555969		0.6	66	0.2	5.7	13	23.4
555970		1.1	126	0.7	8.9	22	50.2
555971		0.9	54	0.2	7.3	13	26.2
555972		0.8	60	0.3	6.9	15	24.9
555973		0.4	40	0.2	5.8	14	20.5
555974		1.0	65	0.5	6.6	20	32.8
555975		1.2	73	0.3	7.8	29	35.3
555976		0.7	34	0.2	5.7	25	26.7
555977		0.5	23	0.2	4.3	21	11.6
555978		0.7	34	0.2	5.5	36	18.1
555979		0.7	142	3.4	21.0	101	142.0
555980		0.6	37	0.2	5.4	40	15.3

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CERTIFICAT D'ANALYSE VO18236854

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 17-OCT-2018
Compte: MINVIR

CERTIFICAT VO18239165

Projet: Kan

Bon de commande #: KANDH18-128

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 21-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Projet: Kan

CERTIFICAT D'ANALYSE VO18239165

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558591		4.39	0.055	3.73	3.87	55.2	150	1.42	0.54	1.92	15.95	48.6	37.1	62	3.91	204
558592		1.35	0.002	0.77	9.68	10.8	370	3.24	0.15	0.64	2.04	60.0	10.3	111	6.38	112.5
558593		2.05	<0.001	0.30	7.99	2.3	380	2.41	0.12	0.54	0.53	62.8	13.0	90	3.72	69.1
558594		3.68	0.023	1.95	5.56	95.0	170	2.00	0.43	3.07	7.37	51.3	21.2	65	3.82	162.0
558595		4.09	0.030	2.01	4.10	119.5	150	1.53	0.36	1.62	11.00	44.0	18.3	66	3.78	346
558596		4.02	0.037	2.27	2.72	81.2	130	1.32	0.32	2.18	16.45	58.3	19.3	68	3.52	256
558597		4.40	0.031	2.08	2.13	35.4	100	0.93	0.29	1.03	15.70	39.4	9.3	65	2.67	300
558598		3.92	0.024	1.27	2.14	5.1	140	1.02	0.23	0.57	14.20	42.9	11.1	66	1.91	169.0
558599		0.06	0.680	0.20	7.18	17.7	330	1.32	0.13	4.28	0.18	47.9	40.9	179	1.93	52.8
558600		4.53	0.013	0.81	5.79	12.5	340	2.71	0.38	1.47	3.75	81.5	33.5	68	3.65	247
558601		4.82	0.027	1.90	5.59	54.7	180	1.84	0.31	1.44	5.27	59.2	23.5	72	3.77	250
558602		4.66	0.026	1.67	7.55	61.7	190	2.04	0.48	1.02	10.70	55.4	28.8	86	4.81	157.0
558603		4.76	0.012	0.93	9.20	45.5	230	1.89	0.32	0.55	5.21	69.9	31.3	121	4.55	88.4
558604		4.42	0.012	0.82	5.06	9.7	180	1.75	0.18	2.17	2.07	57.1	11.8	72	2.90	80.7
558605		4.01	0.009	0.73	8.44	4.8	210	1.59	0.09	1.31	2.05	59.7	14.2	95	4.95	90.3
558606		1.98	0.002	1.05	7.95	9.5	190	1.38	0.32	2.85	2.96	54.6	25.7	84	4.57	108.5
558607		3.05	0.007	0.87	7.65	3.2	240	1.95	0.30	0.46	4.14	71.5	22.3	97	4.71	74.7
558608		2.31	0.011	0.79	6.46	51.5	210	2.41	0.16	2.33	2.86	52.9	21.4	92	4.12	194.5
558609		0.06	2.51	0.44	6.81	10.0	320	1.08	0.16	4.56	0.09	41.1	48.6	288	0.66	80.4
558610		5.05	0.035	1.40	3.19	162.5	110	0.99	0.35	5.24	6.58	42.6	15.6	57	3.71	66.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239165

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558591		15.45	9.73	0.16	1.8	0.680	0.131	1.89	31.6	17.0	0.97	1090	126.5	0.06	5.2	227
558592		9.48	25.3	0.16	4.4	0.071	0.082	5.13	32.6	37.7	0.76	524	16.65	0.17	10.1	129.5
558593		8.50	19.55	0.13	2.3	0.024	0.050	3.76	32.0	22.5	1.18	7650	1.12	0.15	2.9	65.0
558594		14.65	13.70	0.18	2.4	0.624	0.073	2.59	30.8	26.3	1.66	1560	46.4	0.08	7.0	182.5
558595		12.70	10.00	0.21	1.8	0.721	0.078	2.04	30.8	19.6	0.93	1260	162.0	0.06	3.5	394
558596		9.48	7.56	0.21	2.8	0.714	0.090	1.36	38.8	16.2	1.01	1360	180.0	0.04	4.9	369
558597		7.26	6.07	0.17	1.7	0.447	0.087	1.02	25.9	12.9	0.51	600	150.0	0.03	4.1	315
558598		4.49	5.88	0.14	2.2	0.253	0.074	1.09	27.2	12.9	0.36	188	189.5	0.03	9.9	238
558599		7.24	18.35	0.12	3.8	0.022	0.067	0.87	21.8	13.0	2.86	918	2.41	1.70	19.7	142.0
558600		9.34	15.90	0.16	3.4	0.068	0.076	2.74	38.9	55.3	1.50	664	9.40	0.09	3.7	114.0
558601		15.15	14.30	0.16	3.3	0.230	0.058	2.33	33.1	35.2	1.26	721	42.7	0.09	5.5	186.5
558602		12.65	19.65	0.19	4.0	0.284	0.106	3.31	32.1	29.4	0.82	313	24.1	0.41	7.1	145.5
558603		8.68	22.7	0.16	4.7	0.176	0.082	3.30	42.0	26.6	0.61	153	13.00	1.88	10.1	91.6
558604		7.43	15.05	0.13	4.3	0.042	0.054	2.13	32.2	18.8	1.20	497	18.45	0.35	15.1	70.3
558605		9.76	20.1	0.16	3.9	0.076	0.087	3.34	35.7	29.3	1.04	429	11.45	0.73	8.4	83.0
558606		11.65	19.90	0.13	3.7	0.097	0.100	2.99	30.0	29.8	1.71	692	10.70	1.19	8.2	104.5
558607		8.47	19.70	0.15	5.2	0.106	0.114	3.17	40.2	32.4	0.69	192	14.85	0.46	15.9	73.4
558608		16.45	16.65	0.18	3.5	0.149	0.072	3.00	31.9	25.7	1.50	782	35.9	0.20	10.2	194.5
558609		7.37	16.70	0.11	3.3	0.067	0.061	0.97	21.0	8.3	5.40	1020	2.94	1.97	28.0	347
558610		12.95	8.08	0.15	1.7	0.635	0.118	1.49	28.2	16.6	2.64	1160	84.2	0.05	8.0	181.5

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QUEBEC QC G1K 7R1

Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239165

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558591		1310	333	59.2	0.090	>10.0	21.7	7.1	14	1.3	69.0	0.33	0.82	4.24	0.115	3.08
558592		270	29.3	114.5	0.017	5.45	3.76	19.5	4	2.6	45.6	0.59	0.22	5.98	0.379	5.99
558593		840	9.4	118.0	0.003	2.49	0.46	11.3	1	1.4	40.4	0.17	0.08	9.08	0.121	3.70
558594		600	86.9	76.8	0.040	>10.0	13.10	10.4	10	1.7	91.0	0.42	0.94	4.42	0.169	3.63
558595		1300	103.0	64.7	0.082	>10.0	14.30	8.7	16	1.4	61.9	0.23	0.58	4.04	0.113	3.51
558596		2440	100.5	49.3	0.108	7.37	11.35	5.1	16	1.2	86.7	0.51	0.50	4.86	0.074	2.64
558597		1540	110.5	37.8	0.085	5.06	6.30	4.2	13	1.1	44.8	0.27	0.26	3.24	0.064	1.70
558598		990	44.0	38.4	0.089	2.71	4.35	4.0	7	1.1	30.7	0.53	0.16	4.13	0.071	1.53
558599		1130	13.0	35.7	<0.002	0.02	1.00	18.5	<1	1.7	350	1.12	0.08	4.80	0.913	0.19
558600		1930	14.9	97.4	0.023	4.82	1.88	10.7	8	2.2	81.9	0.22	0.27	10.05	0.126	3.17
558601		1490	114.5	68.5	0.040	>10.0	5.81	10.3	12	1.7	71.3	0.36	0.48	5.85	0.120	3.35
558602		300	371	84.2	0.022	>10.0	4.10	15.2	8	2.2	71.2	0.45	0.41	5.06	0.194	4.51
558603		270	59.6	84.5	0.015	7.21	3.36	18.2	4	2.2	71.2	0.59	0.71	6.21	0.293	4.36
558604		590	20.5	55.6	0.014	4.19	1.36	10.1	2	2.7	80.1	0.73	0.20	4.81	0.195	2.65
558605		270	17.4	75.1	0.010	5.21	1.07	18.0	3	1.9	68.4	0.49	0.22	5.00	0.276	2.77
558606		260	90.4	55.0	0.013	6.47	1.64	19.1	3	1.8	103.0	0.47	0.37	4.12	0.254	2.66
558607		460	63.0	75.0	0.015	4.51	1.24	15.5	3	2.8	44.6	0.92	0.38	6.32	0.271	2.79
558608		400	32.9	80.8	0.031	>10.0	2.03	13.2	10	2.1	86.0	0.58	0.21	4.63	0.232	3.39
558609		1820	4.5	29.4	0.002	0.04	0.33	19.5	<1	1.3	476	1.53	0.08	2.64	1.030	0.07
558610		670	77.7	46.3	0.068	>10.0	5.67	7.6	7	1.3	89.8	0.62	0.57	3.86	0.156	2.94

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18239165

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558591		55.8	1120	2.9	23.7	2600	72.7
558592		15.8	242	2.4	9.6	356	162.5
558593		3.0	112	1.4	7.4	145	79.6
558594		20.9	415	1.7	13.4	1310	90.8
558595		74.6	1340	3.8	26.3	1910	71.3
558596		80.5	1600	3.8	33.3	2700	110.0
558597		60.1	1240	3.0	24.1	2410	66.6
558598		62.2	1160	3.6	19.3	1940	86.8
558599		1.1	146	2.2	19.6	128	146.0
558600		13.2	377	1.3	15.5	406	118.5
558601		25.6	441	1.3	18.1	682	114.5
558602		14.4	227	1.3	11.7	1200	146.5
558603		12.6	175	1.4	12.0	595	169.0
558604		12.4	152	1.3	12.8	249	169.0
558605		11.4	167	1.4	8.7	276	148.0
558606		11.1	155	1.2	8.9	411	136.5
558607		12.0	170	1.4	12.9	484	194.0
558608		18.5	342	2.2	13.4	537	126.5
558609		0.6	145	3.3	20.1	103	141.0
558610		36.2	741	3.4	20.0	1240	66.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239165

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	SPL-21	WEI-21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 11-OCT-2018
Compte: MINVIR

CERTIFICAT VO18239166

Projet: Kan

Bon de commande #: KANDH18-129

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 21-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

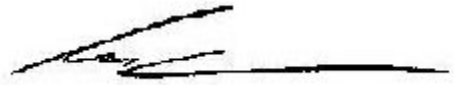
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 11-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239166

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558611		4.71	0.017	0.68	5.64	121.0	160	1.27	0.33	3.63	4.93	49.7	20.3	67	3.98	81.4
558612		2.36	0.013	0.61	8.73	47.2	220	1.62	0.30	1.51	2.28	53.5	23.4	93	4.97	114.5
558613		3.15	0.006	0.48	6.54	21.5	160	1.49	0.18	1.88	1.16	59.5	20.6	91	3.10	84.5
558614		2.75	0.002	0.21	6.71	3.0	250	2.68	0.16	0.16	0.08	30.0	21.8	94	11.70	32.6
558615		4.41	0.002	0.18	8.26	8.9	450	3.01	0.21	0.29	0.22	63.6	24.2	103	6.74	36.5
558616		0.20	<0.001	0.01	0.09	<0.2	20	0.09	0.01	34.0	0.02	1.22	0.4	1	0.05	0.8
558617		4.53	<0.001	0.18	8.21	5.0	470	2.30	0.18	0.27	0.31	58.9	20.9	100	5.60	34.4
558618		4.68	<0.001	0.19	7.95	7.8	400	2.13	0.21	0.31	0.36	58.1	19.5	93	5.45	29.3
558619		3.69	0.003	0.13	6.91	22.8	60	0.34	0.04	6.37	0.25	9.02	47.7	118	1.74	179.0
558620		4.54	<0.001	0.06	7.14	16.9	40	0.35	0.01	6.46	0.14	8.03	50.8	112	1.14	150.5
558621		2.52	<0.001	0.09	7.60	15.3	40	0.34	0.01	6.35	0.18	8.45	52.4	121	1.18	168.5
558622		5.00	<0.001	0.08	7.02	20.6	40	0.36	0.04	6.30	0.16	8.94	56.2	122	1.30	153.5
558623		3.91	<0.001	0.07	6.74	16.3	40	0.39	0.04	6.09	0.16	8.76	48.1	121	2.83	146.0
558624		4.23	<0.001	0.09	7.50	40.6	80	0.52	0.04	4.30	0.24	8.38	58.6	140	2.85	168.5
558625		4.06	0.001	0.02	7.77	8.0	590	1.52	0.04	1.04	0.06	51.3	20.0	89	10.60	39.1
558626		3.54	<0.001	0.05	8.53	0.9	650	2.12	0.17	0.33	0.03	61.6	9.2	76	9.39	19.0
558627		4.03	<0.001	0.13	7.61	24.2	360	1.34	0.17	2.78	0.17	38.8	27.3	95	7.22	77.9
558628		4.29	0.002	0.14	7.63	44.7	300	1.52	0.15	2.57	0.26	27.9	35.2	116	8.84	104.0
558629		0.06	7.76	1.33	6.07	35.0	310	0.90	0.53	2.87	0.08	30.1	43.6	315	0.70	117.0
558630		4.29	0.008	0.09	7.92	1.0	410	2.36	0.19	0.19	0.05	61.7	11.1	81	13.20	57.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 11-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239166

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558611		14.05	13.75	0.13	2.4	0.375	0.095	2.56	30.3	18.8	1.90	396	30.9	0.11	6.4	152.5
558612		10.95	21.3	0.14	3.8	0.160	0.084	3.62	31.8	27.2	1.05	241	13.50	0.97	5.9	116.5
558613		8.19	16.60	0.13	4.2	0.071	0.064	2.20	34.9	17.0	1.03	408	15.40	1.54	10.7	81.5
558614		14.40	19.50	0.11	1.9	<0.005	0.054	2.11	14.0	55.2	2.18	1460	4.64	0.02	10.7	54.4
558615		10.85	21.5	0.14	2.2	0.005	0.057	3.60	32.6	61.4	1.56	5480	1.15	0.03	10.1	51.2
558616		0.14	0.27	0.10	0.1	<0.005	<0.005	0.02	1.3	1.2	1.70	106	0.05	0.03	0.1	0.3
558617		9.09	20.7	0.15	2.3	<0.005	0.050	4.35	28.2	48.0	1.26	13600	1.00	0.04	9.7	44.7
558618		9.06	20.2	0.13	2.2	<0.005	0.050	4.05	28.7	49.8	1.27	13700	0.89	0.19	7.7	41.0
558619		8.59	14.95	0.09	1.3	0.038	0.070	0.58	3.7	27.3	4.85	1260	0.51	1.64	3.4	142.0
558620		8.94	15.70	0.08	0.8	0.042	0.071	0.41	3.0	19.7	4.85	1500	0.20	1.69	2.8	180.5
558621		9.46	17.20	0.07	1.0	0.029	0.076	0.42	3.1	20.7	4.84	1540	0.21	1.66	3.0	151.5
558622		9.31	17.90	0.07	0.9	0.020	0.073	0.39	3.3	23.9	4.68	1480	0.28	1.39	3.4	151.5
558623		8.76	16.65	0.06	1.1	0.011	0.065	0.59	3.1	30.5	4.21	1420	0.27	1.38	3.4	122.0
558624		10.50	19.00	0.06	1.1	0.014	0.069	0.80	3.2	43.8	4.61	1860	0.20	1.29	3.8	137.0
558625		6.22	21.3	0.13	3.0	0.007	0.034	3.97	24.8	40.5	1.75	1220	0.52	0.76	8.8	41.0
558626		4.30	24.6	0.15	2.5	0.009	0.044	5.19	32.9	44.2	1.26	518	0.21	0.20	8.8	30.0
558627		6.68	19.85	0.10	1.7	0.008	0.054	3.32	20.6	44.5	2.66	995	0.19	0.31	5.5	86.3
558628		9.42	19.70	0.10	1.6	0.014	0.062	3.04	14.6	51.4	3.10	1340	0.24	0.28	5.2	118.0
558629		5.50	16.40	0.08	2.5	0.155	0.044	1.05	15.7	15.8	3.92	718	6.56	1.19	17.8	246
558630		7.31	22.2	0.12	2.3	<0.005	0.043	3.96	33.2	47.7	1.66	303	0.51	0.94	8.0	33.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 11-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239166

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558611		230	57.6	68.1	0.037	>10.0	3.54	10.6	7	1.4	89.2	0.38	0.61	4.19	0.157	3.65
558612		240	35.5	82.3	0.017	8.82	2.15	17.8	4	2.0	73.9	0.36	0.49	4.77	0.223	4.62
558613		390	22.5	54.2	0.015	5.50	1.69	12.6	3	1.8	75.3	0.61	0.28	5.07	0.206	2.76
558614		250	9.1	77.5	0.006	1.45	0.31	11.3	2	1.4	35.2	0.75	0.08	4.76	0.304	1.25
558615		380	8.5	149.0	0.005	1.38	0.31	12.3	1	1.5	51.3	0.72	0.12	9.20	0.327	0.84
558616		60	<0.5	0.8	<0.002	0.01	0.05	0.2	<1	<0.2	83.2	<0.05	<0.05	0.13	0.006	<0.02
558617		360	15.2	158.5	0.005	0.93	0.30	11.5	2	1.5	47.9	0.71	0.10	9.00	0.322	0.78
558618		420	18.4	157.5	0.003	0.94	0.27	11.3	1	1.4	56.2	0.59	0.07	8.47	0.281	0.80
558619		330	9.4	19.3	0.002	0.48	0.98	37.6	1	0.7	106.5	0.21	0.07	0.34	0.632	0.25
558620		330	3.3	11.6	0.002	0.11	1.68	37.2	1	0.6	207	0.17	<0.05	0.26	0.595	0.09
558621		350	3.6	13.4	0.002	0.11	1.63	42.6	<1	0.7	215	0.19	0.05	0.26	0.704	0.09
558622		360	4.2	13.3	0.002	0.08	1.70	38.7	1	0.6	204	0.21	<0.05	0.24	0.629	0.09
558623		360	5.2	27.5	<0.002	0.11	0.91	41.7	1	0.6	140.5	0.23	<0.05	0.24	0.677	0.14
558624		420	2.8	19.8	0.002	0.06	0.31	42.9	1	0.7	74.1	0.24	<0.05	0.24	0.736	0.17
558625		680	3.2	127.5	<0.002	0.04	0.37	13.0	<1	1.6	36.0	0.69	<0.05	9.44	0.337	0.56
558626		430	11.9	157.0	<0.002	0.05	0.47	10.6	1	1.7	20.9	0.67	0.06	12.85	0.300	0.59
558627		240	13.9	104.5	<0.002	0.09	0.30	20.5	1	1.3	111.5	0.40	0.06	7.12	0.350	0.50
558628		330	8.9	92.6	<0.002	0.13	0.41	24.0	1	1.1	112.5	0.38	0.06	4.55	0.434	0.67
558629		1080	10.1	39.1	<0.002	0.08	0.79	20.4	1	1.0	277	1.03	0.21	2.43	0.671	0.20
558630		440	5.5	187.5	0.002	0.82	0.82	11.2	1	1.5	35.9	0.61	0.11	11.70	0.258	1.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 11-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239166

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558611		16.0	282	1.6	10.2	937	93.1
558612		13.1	188	1.4	9.6	425	138.5
558613		10.3	158	1.1	12.5	213	161.0
558614		4.3	202	1.5	4.3	143	68.2
558615		4.5	179	2.5	7.2	138	76.7
558616		0.2	2	0.1	2.1	4	1.8
558617		3.4	154	2.3	6.3	139	80.3
558618		3.4	143	1.9	6.8	152	76.1
558619		0.6	310	0.4	20.2	93	28.9
558620		0.1	308	0.5	20.9	93	23.6
558621		0.1	352	0.6	22.5	101	23.8
558622		0.1	326	0.6	22.5	102	25.1
558623		0.1	325	0.6	22.7	97	31.9
558624		0.1	367	0.6	21.2	123	41.4
558625		2.2	103	1.0	14.1	61	105.0
558626		2.0	71	1.3	10.6	66	84.5
558627		1.0	153	0.8	7.3	87	58.6
558628		0.9	193	0.6	6.4	132	55.4
558629		0.6	141	9.5	15.8	82	102.0
558630		2.7	87	0.7	7.9	86	75.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 11-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239166

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	SPL-21	WEI-21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 10-OCT-2018
Compte: MINVIR

CERTIFICAT VO18239175

Projet: Kan

Bon de commande #: KANDH18-130

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 21-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

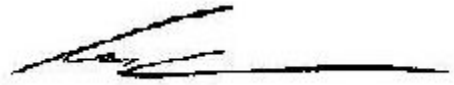
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239175

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558631		4.48	0.012	0.40	7.73	0.8	590	1.75	0.17	0.46	0.10	76.2	14.4	85	9.35	68.4
558632		4.74	0.007	0.31	7.75	23.7	700	1.74	0.19	0.48	0.22	77.1	14.1	74	5.48	48.8
558633		4.38	0.004	0.19	7.68	1.5	750	1.67	0.12	0.77	0.44	71.0	9.6	66	3.81	41.0
558634		4.35	0.003	0.33	7.81	1.6	780	1.84	0.35	0.43	0.44	80.2	10.3	65	3.70	37.2
558635		4.32	0.004	0.20	8.22	0.2	790	2.11	0.11	0.85	0.42	84.7	10.2	67	4.37	37.2
558636		0.19	0.001	<0.01	0.13	<0.2	20	0.06	0.02	33.6	0.02	1.31	0.7	3	0.05	1.5
558637		4.29	0.004	0.19	7.88	5.3	720	1.32	0.14	1.63	0.56	74.5	13.5	92	4.29	43.7
558638		4.38	0.003	0.17	7.96	0.7	750	1.51	0.12	1.14	0.40	78.0	10.8	75	4.47	40.7
558639		4.22	0.003	0.14	7.85	9.4	720	1.43	0.11	1.83	0.35	72.2	14.9	76	5.42	53.1
558640		4.45	0.006	0.21	7.20	14.8	450	1.72	0.22	0.76	0.32	68.0	12.2	77	10.70	68.8
558641		4.42	0.005	0.12	8.24	0.8	480	1.87	0.22	0.23	0.46	65.9	10.7	80	9.23	66.2
558642		4.57	0.002	0.09	8.93	1.7	460	2.46	0.21	0.13	0.02	74.4	12.1	86	8.14	35.7
558643		4.20	0.001	0.06	9.18	2.0	450	2.48	0.14	0.14	0.02	74.6	11.0	81	7.98	26.8
558644		4.49	0.001	0.07	9.32	3.9	480	2.64	0.12	0.19	0.03	76.1	11.9	88	8.99	26.3
558645		4.56	0.003	0.15	8.86	3.2	520	2.50	0.19	0.14	0.97	73.3	12.9	89	9.66	62.8
558646		1.40	0.012	0.25	8.35	4.6	550	2.36	0.21	0.25	2.87	61.1	19.4	87	8.72	74.8
558647		2.83	0.001	0.13	6.46	27.8	310	0.97	0.01	3.54	0.13	22.8	39.1	125	2.38	102.0
558648		4.34	0.001	0.16	6.71	31.2	40	0.40	0.01	6.34	0.16	8.75	57.5	128	3.23	139.0
558649		0.06	0.532	0.22	7.11	20.9	330	1.48	0.15	4.50	0.19	47.9	44.3	190	1.97	58.8
558650		4.42	0.003	0.10	6.68	15.0	50	0.43	0.01	5.63	0.11	9.22	46.2	134	3.86	121.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 10-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239175

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558631		5.20	20.9	0.14	3.3	0.019	0.044	4.76	40.6	32.0	1.46	216	2.17	0.14	7.5	38.3
558632		3.85	21.5	0.12	4.2	0.022	0.042	4.79	39.8	37.3	1.26	187	2.76	0.22	6.7	43.0
558633		3.21	20.5	0.13	4.7	0.029	0.040	4.70	37.2	41.0	1.25	260	3.31	0.21	6.8	36.7
558634		2.84	21.5	0.14	4.9	0.026	0.039	4.67	41.8	39.6	1.06	169	2.73	0.36	6.9	35.5
558635		2.94	23.2	0.14	5.7	0.026	0.047	4.84	44.5	43.2	1.24	260	3.93	0.50	7.2	40.1
558636		0.14	0.37	0.10	0.1	<0.005	<0.005	0.03	1.4	0.7	1.18	88	0.06	0.05	0.2	0.6
558637		3.48	20.9	0.12	4.9	0.030	0.045	4.40	39.3	23.1	1.46	432	3.48	0.51	5.6	49.0
558638		3.03	21.8	0.13	5.0	0.020	0.046	4.52	41.9	24.2	1.24	297	3.68	0.48	6.2	42.3
558639		3.86	21.4	0.13	4.4	0.023	0.049	4.36	37.5	30.3	1.45	491	3.24	0.43	6.0	51.6
558640		6.63	19.90	0.12	2.8	0.020	0.042	3.43	36.5	32.9	1.55	656	1.98	1.07	5.8	38.3
558641		6.26	23.4	0.10	2.3	0.032	0.058	3.75	35.7	36.2	1.35	419	0.53	0.82	8.0	33.5
558642		5.35	26.2	0.13	2.2	<0.005	0.053	4.61	39.3	41.1	1.16	255	0.40	0.45	8.7	33.3
558643		5.19	26.3	0.14	2.2	0.005	0.047	4.67	40.0	45.1	1.15	238	0.30	0.46	8.8	30.9
558644		4.65	27.3	0.13	2.6	<0.005	0.052	5.20	38.3	47.8	1.08	205	0.47	0.40	9.5	33.5
558645		4.80	25.4	0.14	2.3	0.030	0.049	4.86	39.2	51.1	1.01	277	2.21	0.29	8.4	38.6
558646		6.81	23.1	0.11	2.2	0.093	0.049	4.33	31.7	50.6	1.35	479	4.96	0.04	7.4	59.6
558647		8.35	18.75	0.09	1.5	0.020	0.059	1.38	10.6	36.8	3.07	1290	1.83	0.61	5.9	90.4
558648		8.78	17.30	0.07	1.0	0.026	0.070	0.55	3.1	33.3	4.43	1420	0.21	1.36	3.1	123.0
558649		7.31	21.0	0.09	3.7	0.019	0.070	0.87	21.2	12.6	2.90	943	2.44	1.72	20.8	140.5
558650		8.84	17.30	0.07	1.0	0.017	0.070	0.61	3.2	31.6	4.43	1220	0.20	1.43	3.1	103.5

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QUEBEC QC G1K 7R1

Finalisée date: 10-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239175

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558631		440	21.2	187.5	0.006	1.46	1.50	11.5	2	1.4	43.8	0.52	0.14	13.95	0.272	0.83
558632		190	26.0	178.0	0.005	1.29	1.32	10.4	2	1.4	51.1	0.40	0.12	14.55	0.267	0.70
558633		270	17.6	166.0	0.005	1.07	1.14	9.8	2	1.3	74.6	0.41	0.07	15.25	0.267	0.63
558634		280	76.3	164.0	0.005	0.94	1.05	10.3	2	1.3	53.3	0.42	0.11	16.05	0.276	0.65
558635		320	16.6	172.5	0.005	0.87	0.97	11.2	1	1.5	89.3	0.44	0.08	17.05	0.294	0.71
558636		50	<0.5	0.9	<0.002	<0.01	0.05	0.3	1	<0.2	87.1	<0.05	<0.05	0.14	0.014	<0.02
558637		290	19.2	156.5	0.006	1.01	0.90	12.5	2	1.3	145.0	0.35	0.08	14.85	0.262	0.70
558638		290	17.9	166.0	0.006	0.90	0.88	11.0	1	1.3	110.0	0.39	0.07	15.95	0.268	0.71
558639		370	10.2	164.0	0.006	0.88	0.86	14.4	2	1.3	135.0	0.37	0.05	14.45	0.313	0.74
558640		1300	16.3	167.5	0.005	1.35	1.10	10.7	2	1.3	101.5	0.39	0.12	12.80	0.234	0.78
558641		370	22.1	168.5	0.003	0.37	0.40	11.6	1	1.9	54.0	0.57	0.14	14.00	0.276	0.71
558642		210	18.7	180.0	0.002	0.38	0.35	12.4	1	1.7	46.8	0.63	0.07	14.80	0.305	0.70
558643		200	12.8	177.5	<0.002	0.19	0.34	12.2	1	1.7	46.3	0.62	0.05	14.50	0.308	0.67
558644		260	11.3	176.0	0.002	0.30	0.44	13.0	1	1.7	52.5	0.68	<0.05	14.65	0.337	0.75
558645		180	13.6	186.0	0.006	0.85	0.93	12.6	2	1.6	37.6	0.61	0.09	14.80	0.284	0.75
558646		160	9.2	150.5	0.014	1.83	1.24	12.7	4	1.4	26.9	0.57	0.10	11.45	0.263	0.72
558647		330	2.1	25.9	0.004	0.22	0.33	30.9	1	0.6	103.0	0.37	<0.05	2.68	0.531	0.21
558648		340	3.7	28.9	<0.002	0.07	0.42	40.8	1	0.6	176.0	0.19	<0.05	0.26	0.625	0.25
558649		1140	14.7	33.5	<0.002	0.01	1.04	20.3	1	1.8	347	1.17	<0.05	4.56	0.923	0.19
558650		380	2.5	31.5	0.002	0.07	0.28	43.1	1	0.6	166.5	0.19	<0.05	0.25	0.647	0.29

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Finalisée date: 10-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18239175

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558631		4.2	124	1.4	9.5	89	115.0
558632		3.9	88	1.3	9.6	68	146.5
558633		3.9	111	1.2	9.1	69	169.0
558634		3.9	107	1.0	9.9	79	178.0
558635		4.6	125	1.1	10.3	85	202
558636		0.2	2	0.2	3.6	4	3.1
558637		4.0	121	0.8	9.8	108	173.0
558638		4.1	121	0.9	9.9	86	178.0
558639		3.7	140	0.9	9.0	79	157.5
558640		4.4	94	0.9	11.2	85	101.5
558641		2.3	73	1.3	8.0	167	80.9
558642		2.5	79	1.6	8.2	69	77.1
558643		2.0	79	1.4	8.1	68	78.3
558644		2.3	93	1.6	8.5	73	93.1
558645		3.5	130	1.4	8.3	160	83.3
558646		5.8	271	1.0	8.3	340	75.0
558647		1.7	293	0.7	13.0	119	53.7
558648		0.1	322	0.3	22.5	95	32.2
558649		1.1	148	2.1	20.0	129	155.0
558650		0.1	337	0.3	21.6	88	38.4

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CERTIFICAT D'ANALYSE VO18239175

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 10-OCT-2018
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CERTIFICAT VO18241773

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-038

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

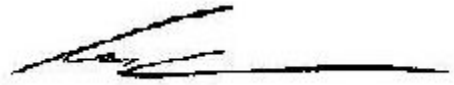
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18241773

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555501		2.32	0.002	0.06	0.55	7.5	30	0.68	0.02	3.62	0.06	10.70	6.7	30	0.65	7.3
555502		2.58	0.001	0.03	0.71	3.0	20	0.62	0.03	1.75	0.09	14.10	7.9	20	0.20	10.3
555503		2.53	<0.001	0.05	0.90	4.6	20	1.03	0.04	2.49	0.13	15.15	10.4	25	1.26	13.1
555504		3.64	0.006	0.38	0.45	12.6	<10	0.20	0.06	9.96	0.16	17.50	9.7	10	0.12	104.5
555505		2.43	0.003	0.22	0.92	53.4	10	0.46	0.06	2.57	0.07	25.8	6.8	19	0.09	47.2
555506		0.30	0.005	0.03	0.12	0.3	20	0.08	0.01	33.3	<0.02	1.45	1.0	4	0.05	2.9
555507		2.20	0.002	0.20	0.16	1.6	<10	0.26	0.01	9.89	0.10	14.55	3.7	8	0.06	12.3
555508		2.52	<0.001	0.02	0.22	1.5	10	0.18	0.01	10.70	0.13	9.90	1.3	7	0.12	5.0
555509		2.15	<0.001	0.04	0.29	0.6	10	0.18	0.01	5.15	0.11	14.20	1.5	4	0.23	5.0
555510		2.07	<0.001	0.04	0.20	0.9	10	0.11	0.01	3.21	0.08	8.98	1.5	10	0.20	5.6
555511		2.38	<0.001	0.05	0.17	1.5	10	0.17	0.01	9.38	0.16	11.45	2.4	8	0.28	12.4
555512		2.21	0.005	0.02	0.16	0.6	10	0.15	<0.01	5.60	0.12	9.67	1.4	5	0.30	4.0
555513		2.25	<0.001	0.01	0.08	0.9	10	0.21	0.01	5.48	0.09	12.30	2.1	4	0.07	2.8
555514		2.45	<0.001	0.02	0.27	0.8	10	0.24	<0.01	12.50	0.23	11.35	2.6	5	0.31	2.8
555515		2.38	0.003	0.02	0.38	2.4	<10	0.25	<0.01	11.55	0.29	8.37	2.4	6	0.16	3.9
555516		2.46	<0.001	0.10	0.42	118.0	<10	0.17	0.02	10.85	0.29	10.10	5.7	8	0.16	20.0
555517		2.35	0.005	0.08	0.31	50.5	<10	0.12	0.01	9.39	0.25	10.40	3.1	8	0.12	17.2
555518		2.20	0.028	0.23	0.23	15.4	<10	0.05	0.04	1.80	0.07	5.53	5.4	9	0.06	43.9
555519		0.07	7.53	1.34	6.13	36.0	310	0.93	0.53	3.01	0.09	31.6	42.9	317	0.71	114.0
555520		2.37	0.008	0.47	0.63	6.2	10	0.12	0.09	6.00	0.19	9.16	7.7	8	0.17	175.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 10-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241773

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555501		14.80	2.24	0.08	0.4	0.005	0.011	0.20	5.5	8.5	2.58	10300	0.70	0.10	3.8	10.5
555502		20.5	3.64	0.09	0.6	<0.005	0.017	0.08	7.5	7.5	2.75	13550	0.48	0.07	5.2	12.0
555503		19.70	4.48	0.09	0.7	<0.005	0.018	0.23	8.1	13.1	3.17	16550	0.64	0.02	5.9	16.8
555504		20.9	3.06	0.09	0.2	0.015	0.019	0.02	10.5	10.7	5.87	6130	2.30	0.02	1.8	41.6
555505		26.7	6.20	0.11	0.4	0.010	0.019	0.05	15.4	19.4	4.21	6530	3.22	0.08	3.6	17.5
555506		0.26	0.39	<0.05	0.1	<0.005	<0.005	0.03	1.4	1.4	1.53	138	0.08	0.05	0.3	1.2
555507		16.40	1.03	0.06	0.2	<0.005	<0.005	0.01	8.7	5.2	5.14	4630	1.19	0.01	1.3	6.2
555508		15.75	1.08	0.06	<0.1	<0.005	0.005	0.02	5.7	7.8	5.39	4720	0.18	0.02	0.3	1.9
555509		19.95	1.34	0.08	<0.1	<0.005	0.007	0.02	9.0	9.5	4.49	5720	0.18	0.01	0.3	1.8
555510		13.60	0.93	0.06	<0.1	<0.005	0.006	0.02	5.7	5.2	2.77	4040	0.24	0.01	0.2	2.3
555511		12.75	0.83	0.06	<0.1	0.007	0.006	0.03	6.6	4.3	4.40	4050	0.41	0.01	0.3	5.2
555512		15.70	0.85	0.07	<0.1	<0.005	0.006	0.04	5.9	3.7	3.96	4720	0.17	0.01	0.2	1.7
555513		20.9	0.59	0.07	<0.1	<0.005	<0.005	0.01	7.3	2.5	4.76	5860	0.24	<0.01	0.2	2.9
555514		15.10	1.63	0.08	0.1	<0.005	0.006	0.03	6.5	7.7	5.89	4650	0.43	0.01	0.6	3.2
555515		15.45	1.81	0.07	<0.1	<0.005	0.009	0.01	4.4	11.6	5.50	4990	0.17	0.01	0.3	3.2
555516		15.65	2.00	0.07	0.1	0.010	0.014	0.02	5.6	10.7	5.17	5120	0.30	0.01	0.5	8.6
555517		15.60	1.49	0.07	0.1	0.009	0.014	0.01	6.0	7.9	4.87	5330	0.35	0.01	0.4	5.9
555518		11.70	1.06	0.06	<0.1	0.009	0.031	0.01	3.2	5.6	2.23	4150	0.16	<0.01	0.2	10.9
555519		5.71	15.20	0.07	2.5	0.158	0.050	1.09	16.0	14.9	4.15	761	6.32	1.22	16.8	258
555520		20.7	2.18	0.09	0.1	0.017	0.020	0.10	5.0	8.3	3.05	5110	0.26	0.01	0.2	84.6

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QUEBEC QC G1K 7R1

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Compte: MINVIR

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CERTIFICAT D'ANALYSE VO18241773

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555501		300	2.0	9.2	<0.002	0.12	0.05	1.8	1	0.2	37.3	0.23	0.05	0.75	0.068	0.06
555502		480	2.5	3.1	<0.002	0.15	0.06	2.5	1	0.2	23.4	0.31	<0.05	0.84	0.110	0.02
555503		520	5.5	11.6	<0.002	0.19	0.07	2.9	1	0.5	38.4	0.34	0.07	1.06	0.115	0.08
555504		370	6.2	0.8	0.002	4.38	1.01	1.1	2	<0.2	175.0	0.08	0.42	0.40	0.016	0.03
555505		620	3.1	1.4	0.002	2.27	0.40	2.5	1	<0.2	45.0	0.16	0.26	0.76	0.035	0.04
555506		70	0.5	1.1	<0.002	0.01	0.05	0.3	2	<0.2	83.7	<0.05	<0.05	0.11	0.007	<0.02
555507		260	1.7	0.3	<0.002	0.68	0.16	0.5	1	<0.2	129.0	0.06	0.06	0.27	0.007	<0.02
555508		130	1.6	0.9	<0.002	0.21	0.11	0.4	1	<0.2	156.5	<0.05	<0.05	0.13	<0.005	<0.02
555509		240	0.8	1.8	<0.002	0.27	0.09	0.3	1	<0.2	69.8	<0.05	<0.05	0.15	<0.005	0.06
555510		190	0.7	1.4	<0.002	0.39	0.09	0.3	1	<0.2	50.2	<0.05	<0.05	0.11	<0.005	0.06
555511		90	1.8	1.8	<0.002	0.69	0.18	0.4	1	<0.2	143.0	<0.05	0.05	0.22	<0.005	0.07
555512		120	1.0	2.7	<0.002	0.18	0.07	0.4	1	<0.2	87.0	<0.05	<0.05	0.13	<0.005	0.11
555513		190	0.8	0.8	<0.002	0.14	0.06	0.3	1	<0.2	68.4	<0.05	<0.05	0.14	<0.005	0.03
555514		80	2.2	2.4	<0.002	0.06	0.17	0.6	1	<0.2	226	0.05	<0.05	0.21	0.006	0.09
555515		70	2.3	0.8	<0.002	0.20	0.10	0.7	1	<0.2	235	<0.05	<0.05	0.15	<0.005	0.02
555516		60	3.0	0.8	<0.002	1.21	0.26	1.0	1	<0.2	222	<0.05	0.15	0.29	0.007	0.02
555517		60	2.7	0.5	<0.002	1.21	0.26	0.7	1	<0.2	201	<0.05	0.10	0.25	0.005	<0.02
555518		80	2.9	0.3	<0.002	2.79	0.62	0.5	1	<0.2	43.3	<0.05	0.22	0.10	<0.005	0.02
555519		1120	10.1	39.8	<0.002	0.08	0.80	21.0	1	1.1	280	0.99	0.25	2.60	0.692	0.20
555520		140	7.5	3.5	<0.002	7.04	1.02	1.6	3	<0.2	159.0	<0.05	0.53	0.25	0.005	0.10

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Finalisée date: 10-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241773

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555501		0.4	43	0.7	5.5	14	18.4
555502		0.5	64	0.5	6.4	21	25.2
555503		0.8	86	0.5	6.7	17	31.1
555504		0.6	34	0.2	8.7	55	12.2
555505		1.2	67	0.5	7.6	73	22.8
555506		0.2	2	0.2	2.5	5	2.4
555507		0.7	13	0.3	9.0	22	8.8
555508		0.2	13	0.2	9.3	27	2.3
555509		0.1	15	0.2	5.8	37	1.9
555510		0.1	11	0.2	4.4	28	1.5
555511		0.1	10	0.2	7.2	26	2.6
555512		0.1	9	0.1	5.8	28	1.6
555513		0.2	7	0.1	6.3	24	1.9
555514		0.3	21	0.2	10.2	29	4.1
555515		0.2	23	0.1	9.3	47	2.6
555516		0.3	25	0.1	8.0	50	6.0
555517		0.3	18	0.1	6.8	45	5.2
555518		0.1	13	0.1	2.5	48	2.6
555519		0.6	145	9.9	15.9	88	103.5
555520		0.2	19	0.2	5.4	61	5.0

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CERTIFICAT D'ANALYSE VO18241773

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 15-OCT-2018
Compte: MINVIR

CERTIFICAT VO18241788

Projet: Kan

Bon de commande #: KANDH18-091

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

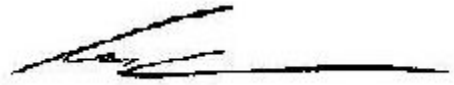
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18241788

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557801		4.93	0.015	1.82	4.71	24.8	250	2.82	0.57	1.76	1.15	67.3	23.0	54	2.96	284
557802		4.56	0.019	1.54	4.79	11.2	260	2.59	0.40	1.38	12.90	69.6	24.2	70	3.56	600
557803		4.52	0.025	1.38	2.57	17.8	150	1.89	0.27	0.80	20.3	49.5	18.6	58	2.34	407
557804		4.20	0.019	1.32	4.06	158.5	270	3.18	0.32	1.56	10.35	67.5	21.8	61	3.33	334
557805		4.65	0.004	1.14	3.65	36.8	210	2.61	0.36	1.00	6.29	56.8	22.7	58	2.91	406
557806		3.88	0.009	1.26	2.30	9.1	150	1.86	0.26	0.88	17.25	51.9	10.5	63	3.35	275
557807		4.19	0.028	1.95	2.84	87.9	140	1.97	0.41	1.03	24.1	52.9	22.5	68	4.64	445
557808		3.99	0.033	1.67	2.49	93.7	110	1.35	0.37	0.90	11.25	48.0	21.0	54	4.26	297
557809		0.09	2.54	0.45	7.03	12.0	330	1.20	0.18	4.96	0.08	45.6	53.7	316	0.71	82.9
557810		4.11	0.023	1.14	4.28	56.3	240	2.47	0.30	1.19	8.86	72.3	16.2	60	4.06	283
557811		4.65	0.002	0.79	6.27	53.9	320	3.52	0.22	0.84	1.93	93.1	32.0	72	3.55	230
557812		4.63	0.012	1.49	5.96	77.6	160	2.38	0.32	1.27	3.07	75.4	34.6	69	4.22	256
557813		4.41	0.041	1.94	6.52	78.2	170	1.92	0.38	1.62	11.00	82.5	25.7	70	4.83	99.9
557814		4.78	0.012	1.52	5.46	43.0	190	2.11	0.42	2.06	7.13	71.4	27.1	64	3.82	103.0
557815		2.22	<0.001	0.20	0.18	0.8	10	0.27	0.03	6.15	0.13	12.25	2.7	16	0.09	27.5
557816		0.34	<0.001	0.01	0.09	<0.2	30	0.07	0.02	33.7	0.03	1.13	0.8	<1	0.06	3.9
557817		2.33	<0.001	0.03	0.04	0.8	<10	0.23	0.01	3.80	0.04	8.90	2.0	16	<0.05	4.1
557818		2.44	<0.001	0.02	0.02	<0.2	<10	0.22	0.01	3.71	0.03	8.39	1.3	12	<0.05	2.1
557819		2.44	<0.001	0.03	0.03	2.8	<10	0.22	0.01	2.75	0.03	9.78	2.0	21	<0.05	4.3
557820		2.27	<0.001	0.07	0.13	3.0	<10	0.21	0.01	5.66	0.07	6.69	1.6	18	<0.05	3.1

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CERTIFICAT D'ANALYSE VO18241788

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557801		17.20	12.40	0.14	2.3	0.090	0.063	2.24	32.3	26.7	1.89	1800	7.31	0.07	2.1	83.6
557802		10.75	12.50	0.17	2.6	0.588	0.075	2.34	33.8	30.7	1.26	1350	34.6	0.07	2.3	143.0
557803		8.72	7.17	0.15	1.6	0.898	0.052	1.32	27.9	19.2	0.69	1040	66.7	0.04	1.9	116.0
557804		11.55	11.85	0.16	2.8	0.410	0.051	1.92	36.4	26.5	1.80	2690	51.2	0.06	2.7	120.0
557805		11.45	10.75	0.11	2.6	0.285	0.030	1.38	30.2	35.9	1.21	805	54.6	0.04	2.2	172.5
557806		5.43	7.12	0.11	2.1	0.637	0.053	1.04	33.9	18.7	0.43	304	107.5	0.03	2.8	246
557807		12.20	8.41	0.16	2.0	1.125	0.104	1.23	34.6	24.8	0.71	665	170.5	0.03	3.3	330
557808		10.75	7.62	0.12	1.4	0.758	0.065	0.99	32.3	19.7	0.66	646	209	0.03	2.6	257
557809		7.57	18.95	0.07	3.6	0.048	0.062	1.00	23.0	9.7	5.63	1080	3.35	2.01	29.0	362
557810		10.35	12.65	0.14	3.1	0.378	0.066	1.60	38.1	39.7	1.02	549	110.5	0.06	6.4	198.0
557811		10.50	18.70	0.13	3.7	0.081	0.051	2.25	40.8	65.6	1.49	420	5.35	0.09	3.8	137.5
557812		14.25	17.20	0.13	3.2	0.271	0.055	2.27	38.6	38.2	1.13	431	31.1	0.10	5.7	186.5
557813		12.30	19.65	0.14	6.2	0.531	0.096	2.81	44.4	24.9	1.00	308	29.8	0.16	23.1	118.0
557814		11.80	17.00	0.09	3.4	0.245	0.079	2.16	39.3	25.6	1.30	884	27.8	0.10	7.9	107.5
557815		11.80	0.86	<0.05	0.2	0.011	0.008	0.05	7.0	2.5	3.93	3140	1.85	<0.01	2.1	22.5
557816		0.15	0.26	<0.05	0.1	<0.005	<0.005	0.02	1.3	0.9	1.35	96	0.13	0.03	0.2	0.4
557817		14.60	0.37	<0.05	0.1	0.005	<0.005	<0.01	5.3	1.4	3.78	2660	0.42	<0.01	1.0	7.4
557818		12.60	0.26	<0.05	<0.1	<0.005	<0.005	<0.01	5.2	1.0	3.26	2240	0.37	<0.01	0.4	3.4
557819		13.60	0.37	<0.05	0.1	0.007	<0.005	<0.01	5.7	1.0	3.23	2230	0.44	<0.01	0.9	8.6
557820		10.05	1.02	<0.05	0.1	0.006	<0.005	<0.01	4.2	4.9	3.40	2100	0.43	<0.01	0.9	6.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241788

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557801		3020	19.9	89.2	0.029	7.48	1.96	9.1	8	1.8	85.7	0.14	0.36	7.28	0.092	2.76
557802		1410	33.3	95.5	0.036	5.67	2.57	8.8	16	1.9	62.3	0.13	0.43	7.26	0.094	2.84
557803		1870	36.1	54.3	0.062	5.20	3.42	4.4	19	1.3	39.2	0.11	0.39	4.27	0.054	1.71
557804		2900	35.8	77.3	0.050	5.37	3.75	7.7	13	1.5	66.8	0.15	0.42	6.94	0.078	2.36
557805		2070	111.0	56.7	0.047	6.19	3.12	7.0	15	1.3	41.2	0.13	0.37	5.84	0.068	1.93
557806		2580	194.0	43.8	0.095	3.12	4.40	4.6	14	1.0	38.0	0.21	0.33	3.82	0.059	1.84
557807		2100	151.0	52.0	0.126	9.19	10.50	5.8	22	1.3	38.6	0.24	0.77	4.56	0.065	2.72
557808		1400	115.5	43.3	0.088	7.93	10.05	5.9	15	1.0	30.7	0.20	0.54	3.94	0.061	2.54
557809		1890	5.3	32.1	<0.002	0.04	0.37	21.2	1	1.4	490	1.72	0.10	2.94	1.105	0.08
557810		1970	65.8	61.6	0.074	6.56	4.70	8.3	14	1.6	41.6	0.49	0.29	7.05	0.091	2.80
557811		1790	37.3	80.2	0.017	5.84	1.82	12.2	10	2.3	38.8	0.25	0.18	12.15	0.116	3.35
557812		1670	104.0	76.2	0.037	9.92	4.56	11.9	12	1.9	51.2	0.38	0.30	8.34	0.132	3.67
557813		520	458	83.4	0.029	>10.0	7.36	12.7	6	2.6	64.6	1.50	0.76	7.63	0.189	4.03
557814		590	482	66.9	0.022	7.89	2.34	12.5	6	1.5	68.7	0.50	0.41	4.80	0.164	3.00
557815		310	4.0	1.8	<0.002	1.03	0.27	0.9	1	<0.2	84.5	0.12	<0.05	0.39	0.018	0.08
557816		70	1.1	0.6	<0.002	0.01	0.06	0.2	1	<0.2	85.5	<0.05	<0.05	0.07	0.006	0.02
557817		220	1.2	0.1	<0.002	0.16	0.06	0.2	<1	<0.2	27.9	0.05	<0.05	0.13	0.009	<0.02
557818		230	0.8	0.1	<0.002	0.13	0.05	0.1	<1	<0.2	26.5	<0.05	<0.05	0.05	<0.005	<0.02
557819		200	1.1	<0.1	<0.002	0.22	0.08	0.2	<1	<0.2	25.7	<0.05	<0.05	0.20	0.008	<0.02
557820		150	1.4	0.1	<0.002	0.13	0.06	0.2	1	<0.2	71.7	0.05	<0.05	0.14	0.007	<0.02

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CERTIFICAT D'ANALYSE VO18241788

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557801		10.6	302	0.8	15.7	208	87.3
557802		23.1	561	1.1	17.2	1950	99.0
557803		37.3	740	0.9	20.8	2940	66.0
557804		29.2	580	1.2	23.5	1300	102.0
557805		29.9	651	1.3	16.9	989	90.9
557806		59.4	1160	1.8	30.6	2670	73.4
557807		75.4	1680	2.9	34.4	3910	78.1
557808		73.0	1610	3.5	29.2	1860	58.6
557809		0.7	153	3.4	20.5	110	148.5
557810		44.6	1010	2.5	29.1	1440	118.0
557811		8.9	378	1.2	15.2	362	130.0
557812		20.1	471	1.5	17.1	576	121.0
557813		17.6	275	1.4	17.7	1080	246
557814		13.5	231	1.3	12.9	651	138.0
557815		0.7	15	0.2	5.4	16	10.6
557816		0.2	2	0.1	2.1	5	3.6
557817		0.2	6	0.2	5.5	9	3.9
557818		0.2	5	0.1	5.9	6	1.7
557819		0.3	6	0.2	4.2	11	3.8
557820		0.2	13	0.8	5.3	12	4.3

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CERTIFICAT D'ANALYSE VO18241788

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18241790

Projet: Kan

Bon de commande #: KANDH18-092

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

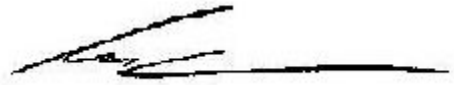
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18241790

Description échantillon / Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557821	2.29	0.010	0.04	0.07	7.9	<10	0.26	0.02	4.04	0.05	7.26	1.8	15	<0.05	2.4
557822	2.53	<0.001	0.04	0.05	1.4	<10	0.26	0.01	2.21	0.04	6.10	2.2	19	<0.05	2.5
557823	2.45	<0.001	0.02	0.10	2.6	<10	0.43	0.01	4.59	0.04	10.50	2.3	21	0.06	1.8
557824	2.65	<0.001	0.03	0.44	7.7	20	1.16	0.02	4.06	0.07	13.25	7.8	17	0.35	4.5
557825	2.50	<0.001	0.03	0.69	3.2	30	1.08	0.03	5.26	0.09	17.25	8.3	21	0.53	8.2
557826	2.37	<0.001	0.02	0.41	2.4	20	1.18	0.01	1.93	0.04	9.57	5.8	18	0.23	4.0
557827	2.63	<0.001	0.02	0.61	2.2	30	1.10	0.02	1.73	0.06	13.30	6.6	22	0.22	5.8
557828	2.34	<0.001	0.05	0.42	162.0	20	1.67	0.06	2.14	0.04	10.90	9.2	24	0.10	14.0
557829	0.08	7.48	1.27	5.98	33.6	310	1.01	0.48	2.90	0.08	31.8	41.8	314	0.67	111.5
557830	2.47	<0.001	0.02	0.54	5.0	20	0.97	0.02	2.15	0.06	13.00	7.6	23	0.11	8.4
557831	2.59	<0.001	0.05	1.17	3.2	20	1.30	0.04	1.63	0.07	18.75	9.6	34	0.16	13.1
557832	2.45	<0.001	0.05	0.57	4.1	20	0.69	0.01	1.51	0.06	10.45	6.8	20	0.15	4.6
557833	2.48	<0.001	0.02	0.66	0.8	10	0.65	0.01	1.28	0.06	10.65	7.4	23	0.17	5.0
557834	2.73	<0.001	0.02	0.80	2.1	20	0.82	0.02	1.23	0.07	12.75	9.2	21	0.15	9.8
557835	2.48	<0.001	0.02	0.82	0.8	10	0.85	0.02	2.09	0.06	14.35	9.1	22	0.14	8.2
557836	0.30	<0.001	<0.01	0.07	<0.2	20	0.08	0.01	33.0	<0.02	1.01	0.7	2	<0.05	0.9
557837	2.69	<0.001	0.02	0.92	2.8	10	1.12	0.02	1.86	0.07	15.80	9.5	22	0.16	9.8
557838	2.58	<0.001	0.03	0.67	1.5	10	0.72	0.05	2.79	0.05	11.90	6.6	28	0.12	7.5
557839	2.41	<0.001	0.03	0.83	1.9	20	0.98	0.05	2.17	0.04	14.00	7.1	26	0.16	8.2
557840	2.61	<0.001	0.03	0.83	3.3	20	1.06	0.05	1.69	0.04	12.80	7.5	25	0.16	9.8

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Projet: Kan

CERTIFICAT D'ANALYSE VO18241790

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557821		12.55	0.57	<0.05	0.1	0.011	<0.005	<0.01	4.5	2.0	3.34	2450	0.53	<0.01	0.4	7.6
557822		16.35	0.48	0.06	<0.1	<0.005	<0.005	<0.01	3.6	1.3	3.45	2840	0.51	<0.01	0.4	12.9
557823		14.70	0.76	0.05	0.1	0.006	<0.005	0.01	6.2	2.9	3.85	3140	0.52	<0.01	0.8	5.7
557824		19.35	2.43	0.06	0.4	<0.005	0.012	0.10	6.8	8.4	3.60	9410	0.67	0.01	3.3	11.6
557825		20.2	3.90	0.07	0.7	0.005	0.019	0.21	8.9	10.2	3.90	11700	0.64	0.01	5.3	10.8
557826		15.70	2.04	0.07	0.3	<0.005	0.009	0.11	4.9	5.4	2.31	8960	0.43	0.01	3.2	8.0
557827		19.85	2.71	0.06	0.5	<0.005	0.013	0.10	6.9	7.3	2.63	11650	0.51	<0.01	4.4	9.4
557828		15.80	2.08	0.05	0.3	0.006	0.010	0.05	5.7	4.9	2.15	10550	0.69	<0.01	3.1	10.2
557829		5.47	14.60	0.07	2.3	0.168	0.044	1.03	16.1	15.7	3.91	753	5.87	1.15	16.8	246
557830		18.85	2.65	0.07	0.4	0.005	0.011	0.05	6.7	6.4	2.57	13150	0.55	<0.01	3.9	11.9
557831		21.3	5.82	0.08	0.8	<0.005	0.021	0.06	9.8	12.5	2.83	15850	0.72	<0.01	7.1	17.5
557832		16.00	2.85	0.06	0.4	<0.005	0.014	0.08	5.7	6.1	1.99	18750	0.45	<0.01	3.6	9.8
557833		17.10	3.28	0.06	0.5	<0.005	0.012	0.09	5.6	5.8	1.98	22100	0.48	<0.01	4.1	9.8
557834		19.85	3.87	0.08	0.5	<0.005	0.015	0.09	6.6	6.7	2.16	27200	0.51	<0.01	4.8	12.4
557835		21.0	3.99	0.08	0.6	<0.005	0.015	0.06	7.2	7.5	2.65	25700	0.56	<0.01	5.3	12.5
557836		0.19	0.25	<0.05	0.1	<0.005	<0.005	0.01	1.2	1.3	1.41	157	<0.05	0.03	0.1	0.4
557837		22.6	4.39	0.09	0.6	<0.005	0.016	0.05	8.0	8.6	3.06	20200	0.53	<0.01	5.7	13.3
557838		18.30	3.35	0.06	0.6	<0.005	0.015	0.03	6.5	6.3	2.77	14250	0.54	<0.01	5.0	10.7
557839		18.65	4.11	0.06	0.6	0.005	0.017	0.06	7.6	7.5	2.49	17300	0.65	<0.01	5.3	12.8
557840		20.2	3.72	0.06	0.6	0.008	0.019	0.06	6.9	7.6	2.55	14650	0.69	<0.01	5.4	12.3

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Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557821		180	1.2	0.1	<0.002	0.23	0.09	0.2	1	<0.2	44.9	<0.05	<0.05	0.11	<0.005	<0.02
557822		430	1.1	0.1	<0.002	0.32	0.13	0.1	1	<0.2	22.0	<0.05	<0.05	0.08	<0.005	<0.02
557823		240	1.2	0.7	<0.002	0.14	0.06	0.3	1	<0.2	38.2	0.05	<0.05	0.22	0.005	0.02
557824		460	1.7	5.6	<0.002	0.17	0.06	1.2	1	<0.2	44.2	0.17	<0.05	0.71	0.047	0.09
557825		640	1.9	10.6	<0.002	0.18	0.06	2.1	1	0.2	58.3	0.33	<0.05	1.20	0.090	0.14
557826		270	1.0	4.5	<0.002	0.08	0.05	1.3	1	<0.2	28.4	0.18	<0.05	0.53	0.060	0.05
557827		460	1.3	4.0	<0.002	0.11	0.06	2.0	1	0.2	30.8	0.24	<0.05	0.66	0.095	0.05
557828		410	2.1	1.7	<0.002	0.33	0.11	1.5	1	0.2	34.0	0.17	0.20	0.48	0.068	0.02
557829		1080	9.1	37.6	<0.002	0.08	0.74	20.0	1	1.0	272	0.89	0.25	2.41	0.672	0.18
557830		470	1.8	1.8	<0.002	0.15	0.07	2.0	1	0.2	34.1	0.22	0.06	0.62	0.085	0.02
557831		600	2.4	2.3	<0.002	0.24	0.13	3.8	1	0.3	31.6	0.42	0.07	1.26	0.169	0.02
557832		430	1.1	2.7	<0.002	0.07	0.06	1.9	<1	0.2	39.1	0.18	<0.05	0.55	0.074	0.02
557833		470	1.1	3.2	<0.002	0.07	0.05	2.1	<1	0.2	37.4	0.22	<0.05	0.65	0.089	0.03
557834		590	1.4	2.7	<0.002	0.12	0.07	2.4	1	0.2	40.6	0.26	<0.05	0.79	0.104	<0.02
557835		600	1.3	2.1	<0.002	0.11	0.07	2.6	1	0.2	57.0	0.29	<0.05	0.88	0.113	0.02
557836		60	<0.5	0.4	<0.002	<0.01	<0.05	0.2	2	<0.2	80.9	<0.05	<0.05	0.07	0.006	<0.02
557837		610	1.5	2.3	<0.002	0.13	0.07	2.9	1	0.3	47.2	0.29	0.05	0.94	0.124	0.02
557838		460	1.8	1.4	<0.002	0.12	0.07	1.8	1	0.2	43.1	0.27	<0.05	0.76	0.090	0.02
557839		530	2.1	2.5	<0.002	0.17	0.09	2.4	1	0.3	33.8	0.31	<0.05	0.85	0.100	0.02
557840		500	2.3	2.3	<0.002	0.17	0.11	2.4	1	0.2	27.6	0.34	<0.05	0.85	0.124	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241790

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557821		0.2	11	0.2	4.7	10	3.4
557822		0.2	8	0.2	4.6	11	2.0
557823		0.4	13	0.1	5.7	9	4.8
557824		0.3	33	0.4	6.9	22	18.5
557825		0.5	61	0.5	7.5	26	30.6
557826		0.3	35	0.4	5.0	13	13.9
557827		0.3	55	0.4	6.0	18	19.6
557828		0.3	37	0.3	5.2	12	14.0
557829		0.6	142	8.7	15.0	83	96.3
557830		0.4	45	0.4	5.9	15	18.0
557831		1.0	111	0.4	7.6	24	36.1
557832		0.3	53	0.5	4.8	15	17.2
557833		0.3	60	0.2	5.0	16	21.1
557834		0.3	70	0.3	5.8	15	25.4
557835		0.4	71	0.3	6.6	15	28.1
557836		0.1	2	0.1	2.0	4	2.0
557837		0.5	77	0.3	6.7	15	29.7
557838		0.4	64	0.3	6.0	11	26.1
557839		0.7	79	0.4	6.5	15	26.8
557840		0.6	78	0.5	6.3	16	26.8

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CERTIFICAT D'ANALYSE VO18241790

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

Applique à la Méthode: ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 16-OCT-2018
Compte: MINVIR

CERTIFICAT VO18241794

Projet: Kan

Bon de commande #: KANDH18-093

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

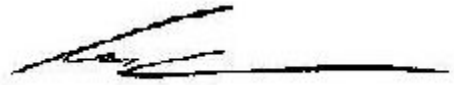
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18241794

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557841		2.51	<0.001	0.01	0.68	2.8	40	1.45	0.02	3.22	0.03	13.40	7.0	22	0.46	7.2
557842		2.54	<0.001	0.02	0.60	10.7	40	1.29	0.02	2.80	0.02	12.10	10.4	29	0.49	17.6
557843		2.59	<0.001	0.02	0.49	0.7	20	1.01	0.01	4.97	0.04	11.35	6.8	15	0.32	6.4
557844		2.42	<0.001	0.03	0.40	0.9	10	0.94	0.01	2.82	0.03	12.60	6.2	22	0.17	5.3
557845		2.55	<0.001	0.05	0.24	7.0	20	0.58	0.02	2.67	0.03	10.60	5.0	16	0.20	8.1
557846		2.51	<0.001	0.02	0.05	11.9	<10	0.70	0.01	2.71	0.02	4.35	1.5	13	0.05	2.9
557847		2.46	<0.001	0.02	0.04	1.3	<10	0.27	0.01	4.01	0.04	5.91	1.6	17	<0.05	3.6
557848		2.09	<0.001	0.02	0.04	0.8	<10	0.31	0.01	5.16	0.05	7.04	1.2	13	<0.05	3.0
557849		0.07	0.646	0.21	7.16	20.8	330	1.53	0.14	4.41	0.20	51.5	44.3	184	2.04	56.3
557850		2.48	<0.001	0.06	0.05	3.5	<10	0.48	0.02	9.11	0.08	15.80	3.4	12	<0.05	7.5
557851		2.48	<0.001	0.02	0.09	0.7	<10	0.29	0.01	4.76	0.06	12.10	1.5	19	<0.05	2.6
557852		3.17	<0.001	0.03	0.33	0.7	<10	0.45	0.02	7.93	0.12	23.5	4.1	25	0.10	6.9
557853		3.92	0.006	0.46	3.31	2.7	150	2.78	0.34	2.31	0.15	49.0	20.1	63	2.64	67.4
557854		3.21	0.001	0.26	3.10	2.4	160	2.81	0.21	1.06	0.05	56.6	13.8	48	2.58	42.8
557855		2.34	0.006	0.48	3.26	3.5	140	2.81	0.31	5.21	0.27	55.3	24.7	62	2.57	77.1
557856		0.27	<0.001	0.01	0.06	0.3	30	<0.05	0.01	33.7	<0.02	1.00	0.6	3	<0.05	1.6
557857		3.41	<0.001	0.09	0.22	2.5	<10	0.34	0.05	8.27	0.12	28.7	7.1	19	0.08	12.8
557858		2.37	<0.001	0.03	0.10	5.1	10	0.36	0.01	7.73	0.06	27.5	3.2	37	0.10	3.6
557859		2.42	<0.001	0.02	0.05	0.6	<10	0.47	<0.01	3.01	0.03	17.10	1.8	21	0.05	1.9
557860		2.46	<0.001	0.03	0.05	2.5	<10	0.27	0.01	4.64	0.05	8.16	1.7	14	0.05	2.5

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QUEBEC QC G1K 7R1

Finalisée date: 16-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241794

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557841		19.35	3.51	0.09	0.5	0.007	0.015	0.24	7.1	8.9	3.08	11950	0.56	0.01	4.9	9.3
557842		16.70	3.04	0.06	0.5	0.005	0.015	0.29	6.2	7.7	2.81	10650	0.77	0.01	4.6	13.2
557843		19.85	2.89	0.07	0.4	0.007	0.010	0.17	5.9	6.8	3.86	10600	0.55	0.01	3.5	7.0
557844		18.05	2.40	0.06	0.3	0.005	0.009	0.08	6.9	6.2	2.87	9240	0.59	<0.01	2.5	7.4
557845		17.85	1.45	0.06	0.2	0.008	0.006	0.10	6.2	2.9	3.40	5590	0.98	0.01	1.5	11.6
557846		13.40	0.39	0.05	<0.1	0.009	<0.005	0.01	2.6	1.1	3.08	2380	0.39	<0.01	0.3	5.5
557847		16.80	0.33	0.06	<0.1	0.005	<0.005	<0.01	3.5	1.7	4.21	2970	0.26	<0.01	0.3	5.5
557848		11.10	0.34	0.05	0.1	0.005	<0.005	0.01	4.2	1.4	3.47	2160	0.24	<0.01	0.5	5.4
557849		7.16	20.3	0.12	3.8	0.018	0.065	0.85	22.2	15.4	2.83	908	2.47	1.68	19.6	140.5
557850		15.70	0.40	0.07	0.1	0.010	0.008	0.01	9.1	2.0	5.54	3100	0.56	0.01	1.2	15.6
557851		12.70	0.66	0.06	0.1	0.008	<0.005	0.01	6.4	2.4	3.79	2500	0.24	<0.01	1.5	6.7
557852		14.25	2.04	0.07	0.3	0.008	0.011	0.04	13.4	7.4	5.08	3060	0.81	<0.01	3.3	17.0
557853		10.15	11.25	0.12	2.2	0.068	0.074	1.45	26.2	32.1	1.46	1480	27.7	0.05	8.3	70.0
557854		5.58	10.65	0.10	2.2	0.050	0.070	1.49	29.9	27.9	0.71	677	19.85	0.05	8.7	48.1
557855		11.85	11.25	0.11	2.3	0.069	0.078	1.42	29.9	35.1	2.56	2440	28.9	0.06	12.5	70.7
557856		0.14	0.24	0.13	<0.1	<0.005	<0.005	0.01	1.2	1.1	1.27	93	0.09	0.02	0.1	0.3
557857		11.80	1.23	0.06	0.2	0.012	0.012	0.02	16.2	4.5	4.63	2810	1.31	<0.01	3.0	12.7
557858		14.00	0.82	0.07	0.3	0.008	0.007	0.03	15.4	3.0	4.97	2800	0.30	<0.01	3.6	10.0
557859		13.30	0.58	0.06	0.1	0.005	<0.005	0.01	9.1	1.6	3.19	2230	0.33	<0.01	1.3	5.5
557860		15.05	0.43	<0.05	0.1	0.010	<0.005	0.01	4.9	1.5	4.04	2630	0.26	<0.01	0.8	6.4

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Finalisée date: 16-OCT-2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18241794

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557841		530	1.8	9.0	<0.002	0.12	0.21	2.4	<1	0.3	41.9	0.28	<0.05	0.79	0.096	0.08
557842		390	1.6	10.3	<0.002	0.23	0.17	1.7	<1	0.2	29.5	0.29	0.05	0.83	0.080	0.07
557843		450	1.7	6.4	<0.002	0.31	0.17	1.4	1	0.2	53.9	0.20	<0.05	0.63	0.051	0.05
557844		620	1.3	3.1	<0.002	0.36	0.17	1.2	1	<0.2	39.1	0.12	<0.05	0.50	0.043	0.03
557845		590	2.4	3.9	<0.002	0.50	0.32	0.7	<1	0.3	33.2	0.07	<0.05	0.32	0.023	0.05
557846		130	1.1	0.5	<0.002	0.20	0.21	0.2	<1	<0.2	27.9	<0.05	<0.05	0.07	<0.005	<0.02
557847		210	1.3	0.2	<0.002	0.20	0.16	0.2	<1	<0.2	42.9	<0.05	<0.05	0.08	<0.005	<0.02
557848		80	1.0	0.2	<0.002	0.17	0.15	0.2	<1	<0.2	52.0	<0.05	<0.05	0.13	<0.005	<0.02
557849		1110	14.6	39.9	<0.002	0.02	1.12	20.4	<1	1.8	341	1.15	0.05	5.13	0.895	0.21
557850		140	2.2	0.3	<0.002	0.82	0.23	0.6	<1	<0.2	114.0	0.05	<0.05	0.22	0.011	<0.02
557851		350	1.0	0.4	<0.002	0.14	0.15	0.5	<1	<0.2	63.0	0.14	<0.05	0.51	0.012	<0.02
557852		410	2.0	1.2	<0.002	0.46	0.20	1.2	1	<0.2	104.5	0.24	<0.05	0.70	0.028	0.03
557853		760	13.7	45.7	0.016	4.82	1.65	10.4	4	1.2	49.7	0.47	0.55	2.93	0.140	1.02
557854		740	11.1	48.2	0.013	2.76	1.21	9.4	3	1.3	27.1	0.49	0.36	2.94	0.164	1.07
557855		580	13.4	46.3	0.022	5.33	1.45	10.1	4	1.1	93.5	0.70	0.54	3.37	0.159	0.97
557856		60	0.5	0.5	<0.002	0.01	0.12	0.2	1	<0.2	82.2	<0.05	<0.05	0.06	0.005	<0.02
557857		340	2.8	0.8	0.002	1.01	0.30	1.1	1	<0.2	89.6	0.19	0.08	0.62	0.027	0.02
557858		340	1.4	1.5	<0.002	0.12	0.17	0.9	<1	<0.2	63.3	0.18	<0.05	0.60	0.040	0.03
557859		350	1.0	0.4	<0.002	0.07	0.17	0.2	<1	<0.2	38.6	0.05	<0.05	0.29	0.013	<0.02
557860		210	1.2	0.5	<0.002	0.16	0.15	0.3	1	<0.2	51.3	<0.05	<0.05	0.17	0.009	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18241794

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557841		0.4	56	0.8	6.9	14	23.0
557842		0.5	48	0.9	5.6	12	22.4
557843		0.3	43	0.6	6.4	14	17.2
557844		0.4	33	0.4	6.6	10	14.7
557845		0.4	20	0.4	6.1	10	8.3
557846		0.1	6	0.1	3.7	7	2.6
557847		0.2	7	0.1	5.3	8	2.4
557848		0.1	6	0.2	5.6	10	2.8
557849		1.2	144	2.3	20.9	124	146.5
557850		0.5	7	0.3	9.3	17	4.3
557851		0.3	10	0.2	6.3	13	5.5
557852		0.6	26	0.5	11.3	28	11.9
557853		7.8	195	1.7	12.3	39	97.0
557854		7.5	147	1.7	10.8	26	95.5
557855		8.6	190	1.9	14.2	52	96.4
557856		0.1	1	<0.1	2.4	3	1.4
557857		1.9	18	0.4	9.3	27	10.9
557858		0.6	15	0.5	9.2	12	15.0
557859		0.3	7	0.3	6.8	8	7.8
557860		0.2	7	0.2	5.5	14	3.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241794

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 16-OCT-2018
Compte: MINVIR

CERTIFICAT VO18241798

Projet: Kan

Bon de commande #: KANDH18-094

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

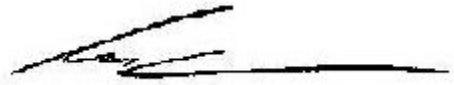
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 16-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241798

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557861		2.32	<0.001	0.01	0.10	1.5	<10	0.39	0.01	8.17	0.12	9.01	1.5	12	0.06	1.4
557862		2.39	<0.001	0.02	0.03	12.5	<10	0.31	0.01	2.12	0.03	5.06	1.6	17	<0.05	2.0
557863		2.38	<0.001	0.02	0.12	3.4	10	0.42	0.01	5.62	0.05	6.51	1.4	10	0.13	2.4
557864		2.51	<0.001	0.03	0.07	4.7	<10	0.39	0.01	3.58	0.02	6.18	1.9	15	0.08	2.7
557865		2.42	<0.001	0.01	0.05	3.0	<10	0.45	<0.01	3.66	<0.02	4.60	1.2	18	0.08	2.6
557866		2.38	<0.001	0.02	0.37	0.2	10	0.49	0.01	5.40	0.02	9.06	2.7	14	0.32	3.5
557867		2.43	<0.001	0.02	0.34	0.4	30	0.89	0.01	4.25	0.02	7.19	4.2	15	0.56	3.7
557868		2.61	<0.001	0.02	0.44	11.7	30	1.05	0.02	2.70	<0.02	9.59	6.8	15	0.32	4.9
557869		0.07	2.52	0.43	6.36	11.5	300	1.11	0.15	4.53	0.07	40.1	54.0	285	0.62	77.2
557870		2.49	<0.001	0.03	0.81	5.4	40	1.96	0.03	2.31	<0.02	15.25	8.3	27	0.60	11.9
557871		2.47	<0.001	0.02	0.42	14.0	20	1.00	0.02	4.37	0.02	12.50	8.2	16	0.41	7.4
557872		2.57	<0.001	0.02	0.67	3.9	40	1.36	0.02	2.26	0.02	15.40	9.1	25	0.70	10.3
557873		2.33	<0.001	0.02	0.53	5.6	20	0.78	0.01	2.50	0.02	10.70	7.1	24	0.14	6.1
557874		2.41	<0.001	0.03	0.67	4.8	20	1.73	0.02	1.72	0.03	13.40	8.2	21	0.11	10.7
557875		2.67	<0.001	0.04	1.03	5.3	20	0.80	0.03	2.34	0.06	14.95	11.9	26	0.14	15.4
557876		0.31	<0.001	<0.01	0.06	<0.2	20	0.05	0.01	34.1	<0.02	0.95	0.6	2	<0.05	1.0
557877		2.71	<0.001	0.03	0.94	0.2	20	0.79	0.02	2.32	0.09	16.20	9.2	22	0.25	9.1
557878		3.33	<0.001	0.03	0.65	2.7	20	0.92	0.01	2.16	0.15	10.40	7.8	21	0.28	7.8
557879		3.81	0.004	0.26	7.04	84.2	390	3.24	0.16	0.28	0.22	55.6	25.3	92	7.71	40.7
557880		2.42	<0.001	0.19	8.02	15.7	450	2.75	0.15	0.28	0.31	61.0	23.3	104	6.82	34.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 16-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241798

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557861		11.80	0.72	<0.05	0.1	0.008	0.007	0.02	5.3	3.1	4.55	2620	0.43	0.01	0.5	4.1
557862		13.45	0.30	<0.05	<0.1	0.006	<0.005	0.01	3.0	0.8	2.96	2330	0.44	<0.01	0.4	6.9
557863		10.85	0.88	<0.05	0.1	0.005	<0.005	0.04	4.0	2.7	3.58	2170	0.35	0.02	0.3	4.3
557864		16.05	0.65	<0.05	0.1	<0.005	<0.005	0.02	3.7	2.6	3.87	3010	0.42	<0.01	0.4	9.8
557865		12.70	0.49	<0.05	<0.1	0.007	<0.005	0.02	2.8	2.1	3.18	2500	0.30	<0.01	0.4	6.2
557866		13.50	2.21	0.05	0.2	0.016	<0.005	0.09	5.9	8.8	3.87	3140	0.45	0.05	0.5	6.9
557867		16.60	2.17	0.06	0.2	0.008	0.007	0.17	4.1	7.4	3.64	6800	0.31	0.01	2.0	8.3
557868		17.10	2.55	0.06	0.3	0.009	0.011	0.20	5.0	7.5	2.68	9460	0.59	0.01	3.2	8.7
557869		6.88	17.75	0.08	3.1	0.063	0.051	0.90	19.3	8.6	5.13	982	3.02	1.83	27.9	322
557870		19.10	4.19	0.06	0.6	0.008	0.019	0.35	7.0	12.6	2.71	12600	0.81	0.02	6.0	12.8
557871		17.50	2.50	0.06	0.4	0.005	0.008	0.16	6.3	6.9	3.32	10400	1.17	0.01	4.1	10.2
557872		17.75	3.76	0.06	0.6	0.005	0.014	0.32	7.3	12.2	2.52	12150	0.77	0.02	5.4	12.6
557873		19.05	2.39	0.06	0.4	<0.005	0.011	0.05	5.7	6.7	2.65	11600	0.44	0.01	3.9	9.0
557874		19.25	3.66	0.07	0.5	<0.005	0.018	0.05	6.7	7.8	2.54	14400	0.39	0.02	4.8	12.2
557875		20.2	5.54	0.07	0.7	<0.005	0.018	0.06	7.3	10.9	2.89	17200	0.52	0.01	6.4	18.6
557876		0.20	0.20	<0.05	<0.1	<0.005	<0.005	0.01	1.1	0.8	1.29	144	0.05	0.03	0.1	0.2
557877		20.4	4.99	0.06	0.6	<0.005	0.014	0.13	7.9	9.4	2.88	18350	0.53	0.01	6.0	13.8
557878		15.85	3.28	0.06	0.5	<0.005	0.014	0.21	5.5	4.7	2.11	18150	0.37	0.01	4.3	11.2
557879		10.70	21.6	0.11	2.0	0.029	0.050	3.54	28.0	54.6	1.61	3670	4.67	0.04	11.6	63.2
557880		9.74	24.4	0.12	2.0	0.019	0.053	4.52	29.8	42.6	1.41	9740	1.47	0.09	9.8	54.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241798

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557861		120	1.7	0.8	0.002	0.03	0.14	0.5	1	<0.2	126.5	<0.05	<0.05	0.23	0.006	<0.02
557862		230	0.9	0.5	<0.002	0.18	0.18	0.2	<1	<0.2	16.6	<0.05	<0.05	0.07	<0.005	<0.02
557863		100	1.6	1.8	<0.002	0.16	0.14	0.3	1	<0.2	62.1	<0.05	<0.05	0.11	<0.005	0.04
557864		220	1.8	1.2	<0.002	0.18	0.18	0.3	<1	<0.2	28.8	<0.05	<0.05	0.09	<0.005	0.02
557865		130	0.9	1.1	<0.002	0.06	0.15	0.2	1	<0.2	22.7	<0.05	<0.05	0.08	<0.005	<0.02
557866		540	2.3	5.2	<0.002	0.12	0.16	0.6	1	<0.2	39.7	<0.05	<0.05	0.41	0.007	0.06
557867		300	1.8	7.8	<0.002	0.10	0.15	1.0	1	0.2	29.3	0.09	<0.05	0.35	0.033	0.07
557868		350	1.3	7.5	<0.002	0.10	0.15	1.2	1	0.2	25.5	0.15	<0.05	0.50	0.045	0.04
557869		1700	4.7	29.8	<0.002	0.04	0.40	19.9	1	1.2	441	1.50	0.08	2.55	0.972	0.06
557870		450	2.2	13.4	<0.002	0.19	0.18	2.5	1	0.4	28.1	0.35	0.07	0.99	0.098	0.07
557871		450	1.6	6.7	<0.002	0.13	0.17	1.5	1	0.2	39.1	0.28	0.05	0.68	0.056	0.04
557872		430	2.0	12.8	<0.002	0.17	0.19	2.4	1	0.2	25.7	0.34	0.05	1.00	0.098	0.07
557873		420	1.6	2.0	<0.002	0.08	0.15	1.8	1	0.2	24.3	0.23	<0.05	0.56	0.084	0.02
557874		480	2.0	1.8	<0.002	0.16	0.18	2.2	1	0.3	19.5	0.27	0.07	0.72	0.099	<0.02
557875		540	2.9	2.2	<0.002	0.22	0.20	3.2	1	0.3	28.3	0.35	0.05	1.09	0.119	<0.02
557876		50	0.5	0.4	<0.002	<0.01	0.14	0.2	2	<0.2	86.4	<0.05	<0.05	0.05	0.005	<0.02
557877		660	2.2	5.3	<0.002	0.15	0.19	3.1	1	0.3	39.0	0.30	<0.05	0.93	0.125	0.03
557878		420	1.7	7.7	<0.002	0.14	0.17	2.2	1	0.2	92.3	0.22	<0.05	0.61	0.090	0.05
557879		270	6.3	155.5	0.010	1.91	0.60	13.3	2	1.4	48.4	0.77	0.11	8.05	0.304	1.00
557880		300	14.7	181.5	0.006	1.22	0.53	14.2	1	1.5	48.3	0.68	<0.05	9.04	0.314	1.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241798

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557861		0.3	12	0.1	9.7	16	5.2
557862		0.2	6	0.1	4.2	6	2.0
557863		0.2	12	0.2	6.4	8	3.7
557864		0.2	9	0.2	5.7	7	3.0
557865		0.2	7	0.2	5.0	5	2.4
557866		0.4	8	0.2	7.4	7	7.8
557867		0.2	23	0.5	5.6	7	10.0
557868		0.4	35	0.7	6.2	8	14.1
557869		0.6	137	3.2	20.3	95	135.0
557870		0.6	72	1.0	6.8	13	29.8
557871		0.4	36	0.6	6.5	10	19.6
557872		0.6	62	1.0	6.5	14	28.8
557873		0.3	46	0.6	5.8	11	18.5
557874		0.5	66	0.6	6.1	16	23.1
557875		0.7	94	1.4	6.9	24	34.7
557876		0.1	1	0.1	2.0	4	1.3
557877		0.6	82	0.4	6.5	30	32.2
557878		0.4	56	0.3	4.6	26	21.8
557879		5.6	218	1.7	7.0	160	75.0
557880		4.1	188	2.1	7.1	119	75.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241798

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 17-OCT-2018
Compte: MINVIR

CERTIFICAT VO18241813

Projet: Kan

Bon de commande #: KANDH18-095

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

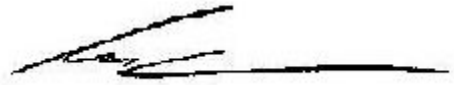
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241813

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557881		2.35	0.001	0.26	8.21	20.8	420	2.30	0.21	0.25	0.31	54.2	21.7	100	5.48	32.9
557882		2.32	<0.001	0.14	8.44	10.8	380	2.27	0.18	0.25	0.54	61.0	21.0	99	5.29	33.8
557883		2.39	<0.001	0.13	8.16	7.3	350	2.35	0.19	0.17	2.00	63.2	20.1	95	5.34	33.4
557884		2.22	0.001	0.18	7.92	7.1	330	2.94	0.10	0.40	1.33	61.7	14.6	98	5.55	31.8
557885		2.30	0.005	0.71	5.66	2.6	200	3.40	0.38	2.80	2.39	95.3	18.8	79	4.89	59.6
557886		2.17	0.005	0.86	3.78	43.5	150	2.46	0.42	3.41	2.38	55.4	31.7	62	4.25	98.2
557887		3.24	0.002	0.29	1.57	65.8	60	1.24	0.06	7.41	0.33	34.0	10.6	32	1.76	41.4
557888		3.92	0.007	0.43	2.50	76.9	110	2.18	0.19	4.39	0.54	39.4	17.1	42	3.05	67.6
557889		0.07	7.76	1.32	6.17	35.0	310	1.03	0.48	2.98	0.08	30.1	43.9	317	0.64	110.5
557890		1.72	<0.001	0.24	0.10	8.3	10	0.31	0.03	4.73	0.06	9.55	15.7	24	0.13	53.6
557891		2.32	<0.001	0.03	0.10	3.2	10	0.36	0.01	6.43	0.06	13.15	3.4	29	0.21	4.9
557892		6.11	0.055	1.74	3.77	8.7	100	0.89	0.53	1.57	4.04	39.1	15.1	61	1.29	283
557893		5.21	0.062	1.94	5.09	8.8	190	1.64	0.61	0.14	6.40	44.7	32.8	78	2.32	300
557894		5.25	0.065	2.37	5.67	6.4	130	1.90	0.73	0.15	6.11	45.2	33.7	83	2.75	314
557895		5.27	0.083	2.18	4.66	2.6	180	1.77	0.69	0.42	8.21	42.8	15.8	99	2.00	377
557896		0.29	<0.001	0.02	0.11	0.4	20	0.06	0.02	34.3	0.06	1.20	0.5	4	0.05	1.8
557897		5.04	0.075	1.95	3.15	0.3	130	1.05	0.53	0.44	28.6	33.2	2.5	65	1.33	252
557898		4.95	0.041	1.59	5.80	<0.2	190	2.28	0.40	0.08	3.94	49.4	0.6	93	2.67	263
557899		5.34	0.061	1.76	4.61	0.3	180	1.63	0.45	0.09	3.48	37.4	1.8	72	1.75	312
557900		5.29	0.046	1.40	4.50	0.7	190	1.79	0.32	0.36	8.97	38.3	6.9	75	1.89	269

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241813

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557881		8.22	23.7	0.08	2.1	0.013	0.045	4.48	25.1	33.4	1.14	12050	1.21	0.36	8.1	46.5
557882		8.26	23.2	0.11	2.1	0.019	0.049	4.42	29.8	30.8	1.18	12150	1.24	0.36	7.9	46.8
557883		6.89	22.5	0.12	2.3	0.057	0.047	4.29	29.8	33.1	1.00	8180	0.81	0.40	8.4	43.2
557884		8.17	22.8	0.15	2.3	0.059	0.057	4.09	30.9	43.3	1.17	5660	2.93	0.51	8.5	46.8
557885		10.20	24.7	0.18	10.8	0.095	0.095	3.03	45.3	49.1	1.63	1240	20.9	0.14	72.8	79.2
557886		13.20	12.90	0.14	2.5	0.088	0.090	2.10	28.7	37.1	2.07	2170	30.6	0.03	13.0	87.7
557887		13.35	5.57	0.10	1.1	0.034	0.048	0.89	18.8	16.8	4.15	3330	13.25	0.02	6.4	36.1
557888		12.40	8.54	0.11	1.7	0.046	0.067	1.43	20.9	31.8	2.66	2300	19.65	0.02	7.1	56.2
557889		5.52	15.50	0.10	2.3	0.177	0.048	1.06	14.5	15.1	3.97	736	6.20	1.18	15.6	244
557890		17.35	0.57	0.06	0.1	0.021	0.005	0.06	5.4	1.8	3.65	2540	1.62	0.01	1.0	39.8
557891		15.50	0.91	0.06	0.2	0.005	0.005	0.06	7.2	2.6	4.81	3030	0.59	0.01	2.0	11.8
557892		26.1	12.15	0.16	1.4	0.287	0.152	1.21	20.9	24.7	1.62	1420	16.10	0.05	3.8	173.0
557893		25.3	16.55	0.14	1.8	0.316	0.205	2.35	24.3	18.8	0.50	140	13.15	0.08	3.9	164.0
557894		27.3	19.90	0.20	2.1	0.310	0.208	2.57	22.5	21.4	0.53	115	15.10	0.09	4.4	172.5
557895		31.8	14.55	0.15	2.0	0.418	0.261	2.20	22.8	18.0	0.60	235	22.2	0.07	4.5	193.5
557896		0.26	0.31	0.06	0.1	0.005	0.005	0.03	1.2	1.1	1.39	98	0.27	0.04	0.2	1.2
557897		26.4	9.78	0.12	1.4	1.035	0.654	1.40	17.8	14.2	0.49	243	54.3	0.05	2.7	156.5
557898		26.3	19.35	0.16	2.3	0.245	0.164	2.74	27.3	23.2	0.53	67	14.05	0.09	3.5	158.0
557899		29.1	13.85	0.13	1.6	0.277	0.122	2.04	21.1	20.9	0.56	77	11.10	0.07	3.2	168.0
557900		23.6	13.70	0.11	1.7	0.390	0.239	2.11	20.9	18.0	0.53	241	18.00	0.07	2.8	135.0

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QUEBEC QC G1K 7R1

Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18241813

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557881		310	35.0	159.5	0.006	1.07	0.47	13.0	2	1.4	43.5	0.61	0.12	8.61	0.291	0.92
557882		350	9.9	169.0	0.003	1.12	0.45	13.1	2	1.4	40.3	0.60	0.05	9.07	0.289	0.92
557883		280	8.9	161.5	0.004	0.85	0.29	12.7	2	1.5	33.6	0.61	0.06	9.70	0.296	0.96
557884		320	16.9	150.5	0.005	1.79	0.53	13.2	1	1.8	43.0	0.54	0.09	8.21	0.271	1.13
557885		500	203	106.0	0.013	4.56	1.04	10.8	4	4.7	136.5	3.57	0.50	10.05	0.198	1.15
557886		720	140.5	79.1	0.020	6.10	1.32	11.0	6	1.5	151.0	0.63	0.65	3.56	0.179	0.87
557887		670	9.4	33.2	0.009	2.90	0.71	5.0	3	0.6	191.5	0.34	0.22	1.67	0.091	0.40
557888		640	13.5	55.0	0.014	4.51	0.92	7.7	4	1.1	122.5	0.38	0.43	2.33	0.124	0.66
557889		1090	9.5	37.6	<0.002	0.09	0.84	19.7	1	1.0	275	0.89	0.21	2.30	0.670	0.19
557890		160	2.2	2.0	<0.002	2.50	0.24	0.4	2	<0.2	54.4	0.05	0.14	0.15	0.010	0.04
557891		210	1.5	2.6	<0.002	0.24	0.13	0.7	1	<0.2	50.9	0.12	<0.05	0.47	0.042	0.05
557892		250	56.2	34.6	0.016	>10.0	14.95	8.5	7	2.3	42.1	0.21	1.79	2.98	0.086	1.31
557893		180	59.9	63.1	0.018	>10.0	17.35	8.7	7	4.5	14.0	0.21	2.12	3.88	0.107	2.41
557894		190	71.4	72.2	0.024	>10.0	23.0	11.0	8	5.6	16.1	0.25	2.45	3.51	0.109	2.77
557895		260	75.1	55.8	0.017	>10.0	22.0	8.8	10	6.7	18.4	0.25	2.33	3.84	0.144	2.05
557896		50	0.7	0.8	<0.002	0.05	0.10	0.2	1	<0.2	78.1	<0.05	<0.05	0.11	0.007	0.02
557897		240	60.2	36.4	0.036	>10.0	18.40	5.7	8	3.4	13.9	0.20	1.81	2.80	0.087	1.35
557898		180	47.3	75.4	0.017	>10.0	14.45	10.0	9	5.6	15.2	0.18	1.43	4.38	0.117	2.64
557899		150	51.9	53.0	0.014	>10.0	15.60	7.4	8	3.7	9.9	0.19	1.51	3.05	0.106	1.87
557900		210	40.0	54.4	0.019	>10.0	11.85	7.5	7	3.6	16.8	0.16	1.16	3.17	0.104	1.88

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Finalisée date: 17-OCT-2018
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CERTIFICAT D'ANALYSE VO18241813

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557881		3.4	161	2.0	6.1	103	81.2
557882		3.5	159	1.9	6.6	111	77.2
557883		2.4	123	1.7	6.4	198	86.7
557884		4.6	177	1.7	7.5	157	88.0
557885		8.5	156	1.7	26.2	151	442
557886		8.5	218	1.5	14.3	147	118.5
557887		4.3	97	0.8	11.2	45	50.6
557888		5.7	133	1.3	12.5	66	74.8
557889		0.6	143	9.2	13.9	81	97.3
557890		0.5	8	0.1	6.6	14	4.3
557891		0.3	11	0.3	7.0	14	9.3
557892		5.7	103	0.8	6.7	1040	62.3
557893		6.6	123	1.0	5.9	1570	74.8
557894		8.7	140	1.2	6.6	1420	86.9
557895		7.8	119	1.2	7.0	2290	72.9
557896		0.2	3	0.3	1.9	17	1.8
557897		8.3	83	1.3	6.0	7960	53.0
557898		8.2	141	1.3	6.1	992	85.5
557899		6.0	110	1.0	4.6	985	58.5
557900		6.5	114	1.0	5.2	2380	60.1

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CERTIFICAT D'ANALYSE VO18241813

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 8-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244226

Projet: Kan

Bon de commande #: KANDH18-RUSH-066

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

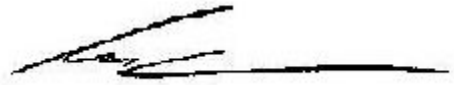
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Projet: Kan

CERTIFICAT D'ANALYSE VO18244226

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
556061		2.48	<0.001	0.01	0.03	1.1	10	0.53	0.01	0.92	<0.02	6.37	3.3	11	0.55	2.3
556062		2.54	<0.001	0.01	0.06	<0.2	10	0.58	0.01	1.48	<0.02	5.00	3.2	7	1.41	0.7
556063		2.22	<0.001	0.01	0.05	5.7	<10	0.67	0.02	1.54	<0.02	5.21	3.5	6	1.34	1.0
556064		2.71	<0.001	0.01	0.06	<0.2	10	1.38	0.01	1.38	<0.02	4.55	3.6	4	1.88	0.6
556065		2.64	<0.001	<0.01	0.04	0.5	10	0.98	0.02	2.41	<0.02	5.49	3.3	4	1.23	0.8
556066		0.16	<0.001	<0.01	0.06	0.6	20	0.06	0.01	33.1	<0.02	0.91	0.7	3	0.05	0.8
556067		2.35	<0.001	0.01	0.04	0.4	10	1.15	0.01	1.87	<0.02	4.82	3.6	9	1.02	1.2
556068		2.62	<0.001	<0.01	0.04	0.2	10	0.76	<0.01	1.67	<0.02	4.82	2.9	6	0.72	0.4
556069		2.34	<0.001	0.01	0.07	1.8	10	0.48	0.01	2.77	<0.02	6.09	3.2	5	1.26	1.3
556070		2.37	<0.001	0.09	0.10	2.6	10	0.89	0.02	3.01	<0.02	6.92	3.7	6	1.27	1.6
556071		2.45	<0.001	<0.01	0.05	4.2	<10	0.70	0.02	3.39	<0.02	6.94	3.4	7	0.66	1.7
556072		2.41	<0.001	0.03	0.05	0.4	<10	0.76	0.02	1.98	<0.02	4.85	3.2	4	1.16	1.2
556073		2.57	<0.001	0.02	0.05	<0.2	<10	0.59	0.01	1.46	<0.02	4.02	3.2	2	0.56	0.7
556074		2.68	<0.001	0.01	0.04	0.5	<10	0.84	0.01	1.49	<0.02	3.74	3.1	1	0.59	0.6
556075		2.53	<0.001	0.01	0.05	0.5	<10	0.51	0.01	1.49	<0.02	5.88	3.3	1	0.82	0.7
556076		3.07	<0.001	0.01	0.04	0.2	<10	1.51	0.01	1.70	<0.02	5.60	3.3	2	1.01	0.6
556077		2.59	<0.001	0.01	0.07	0.4	<10	1.42	<0.01	1.67	<0.02	5.12	3.4	1	1.12	0.7
556078		2.54	<0.001	0.01	0.05	0.2	<10	0.84	<0.01	1.82	<0.02	7.34	3.6	1	1.18	0.8
556079		0.26	8.50	1.68	8.32	98.0	210	4.18	3.58	2.03	4.32	26.1	17.8	56	2.64	109.5
556080		2.69	<0.001	0.01	0.06	0.2	<10	0.79	0.01	1.77	<0.02	5.78	3.5	2	1.22	1.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244226

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
556061		27.7	0.31	0.12	0.1	<0.005	<0.005	0.01	4.4	0.5	3.51	7100	0.15	0.01	0.6	1.7
556062		25.4	0.39	0.10	0.1	<0.005	<0.005	0.02	3.1	0.5	3.54	6050	0.13	0.01	1.0	1.4
556063		20.9	0.32	0.08	<0.1	0.006	<0.005	0.02	3.1	0.5	3.10	4650	0.12	0.01	1.0	1.1
556064		28.7	0.37	0.10	<0.1	<0.005	<0.005	0.03	2.8	0.5	4.19	6210	0.11	0.01	1.0	1.2
556065		26.0	0.30	0.09	<0.1	<0.005	<0.005	0.02	3.4	0.6	4.01	5660	0.10	0.01	0.9	1.1
556066		0.36	0.17	<0.05	<0.1	<0.005	<0.005	0.01	1.1	1.2	1.26	131	0.06	0.03	0.1	0.5
556067		28.2	0.25	0.09	<0.1	<0.005	<0.005	0.02	3.0	0.6	3.95	6330	0.11	0.01	0.8	1.3
556068		26.1	0.26	0.09	<0.1	<0.005	<0.005	0.01	3.0	0.6	3.70	5850	0.13	<0.01	0.7	1.2
556069		25.7	0.37	0.08	<0.1	<0.005	<0.005	0.02	3.6	0.8	3.98	6210	0.10	0.01	1.2	1.1
556070		25.3	0.47	0.10	0.1	<0.005	<0.005	0.04	4.0	1.3	4.12	5870	0.12	0.01	1.5	1.5
556071		21.5	0.33	0.07	<0.1	<0.005	<0.005	0.02	4.1	0.8	3.69	5020	0.10	<0.01	1.1	1.2
556072		25.4	0.27	0.08	0.1	<0.005	0.005	0.02	2.9	0.4	3.94	5020	0.15	0.01	0.9	1.3
556073		28.8	0.27	0.10	<0.1	<0.005	<0.005	0.01	2.6	0.5	4.27	6270	0.09	<0.01	0.6	0.9
556074		29.4	0.27	0.06	<0.1	<0.005	<0.005	0.02	2.5	0.5	4.29	6510	0.10	<0.01	0.7	1.0
556075		30.0	0.32	0.08	0.1	<0.005	<0.005	0.02	4.0	0.5	4.45	6690	0.08	0.01	1.0	1.0
556076		30.9	0.26	0.08	<0.1	<0.005	<0.005	0.02	3.8	0.4	4.68	6450	0.08	0.01	0.7	0.9
556077		30.3	0.35	0.07	0.1	<0.005	<0.005	0.02	3.5	0.5	4.62	5770	0.07	0.01	0.7	1.0
556078		31.9	0.31	0.08	<0.1	<0.005	<0.005	0.02	5.1	0.4	4.90	5640	0.08	0.01	0.9	1.0
556079		5.73	26.9	0.15	1.7	0.011	0.166	4.74	13.0	2.5	1.65	434	1.76	3.49	14.1	64.1
556080		30.3	0.35	0.08	<0.1	<0.005	<0.005	0.03	4.0	0.5	4.62	5530	0.07	0.01	0.9	1.0

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QUEBEC QC G1K 7R1

Finalisée date: 8-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244226

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
556061		170	<0.5	0.7	<0.002	0.01	0.05	0.1	<1	<0.2	11.5	<0.05	<0.05	0.09	<0.005	<0.02
556062		270	<0.5	1.4	<0.002	0.01	0.05	0.2	<1	<0.2	18.5	<0.05	<0.05	0.09	0.007	<0.02
556063		150	0.5	1.3	<0.002	0.01	0.05	0.2	<1	<0.2	17.0	<0.05	<0.05	0.09	0.006	<0.02
556064		120	<0.5	1.8	<0.002	0.01	0.05	0.2	<1	<0.2	14.0	<0.05	<0.05	0.10	0.007	<0.02
556065		130	0.5	1.2	<0.002	0.01	0.05	0.2	<1	<0.2	22.5	<0.05	<0.05	0.09	0.005	<0.02
556066		60	0.6	0.5	<0.002	<0.01	0.05	0.2	1	<0.2	82.6	<0.05	<0.05	0.05	0.005	<0.02
556067		120	<0.5	1.0	<0.002	0.01	0.06	0.2	<1	<0.2	17.0	<0.05	<0.05	0.08	0.005	<0.02
556068		120	<0.5	0.7	<0.002	<0.01	<0.05	0.1	<1	<0.2	15.1	<0.05	<0.05	0.06	<0.005	<0.02
556069		150	0.5	1.3	<0.002	0.01	0.05	0.2	<1	<0.2	22.1	<0.05	<0.05	0.13	0.006	<0.02
556070		140	0.5	2.4	<0.002	0.01	0.10	0.4	<1	<0.2	26.6	0.05	<0.05	0.17	0.010	0.04
556071		120	0.5	1.0	<0.002	0.02	0.05	0.3	<1	<0.2	27.7	<0.05	<0.05	0.12	0.006	<0.02
556072		140	0.6	1.3	<0.002	0.01	0.08	0.1	<1	<0.2	17.2	<0.05	0.05	0.09	0.005	<0.02
556073		150	<0.5	0.9	<0.002	<0.01	0.06	0.1	<1	<0.2	15.5	<0.05	<0.05	0.07	<0.005	<0.02
556074		120	<0.5	0.9	<0.002	<0.01	0.06	0.1	<1	<0.2	15.9	<0.05	<0.05	0.06	<0.005	<0.02
556075		130	<0.5	1.0	<0.002	<0.01	0.06	0.1	<1	<0.2	15.6	<0.05	<0.05	0.07	0.005	<0.02
556076		140	<0.5	1.1	<0.002	<0.01	0.05	0.1	<1	<0.2	17.6	<0.05	<0.05	0.07	0.005	<0.02
556077		110	<0.5	1.1	<0.002	<0.01	0.05	0.2	<1	<0.2	16.0	<0.05	<0.05	0.09	0.005	<0.02
556078		160	<0.5	1.2	<0.002	<0.01	0.05	0.1	1	<0.2	17.3	<0.05	<0.05	0.06	0.005	<0.02
556079		870	179.0	520	0.003	3.28	2.01	5.2	3	1.2	247	0.91	0.81	1.70	0.469	2.01
556080		140	<0.5	1.7	<0.002	0.01	0.05	0.1	<1	<0.2	16.2	<0.05	<0.05	0.08	0.005	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 8-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244226

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
556061		0.1	8	0.2	5.4	2	4.0
556062		<0.1	8	0.2	5.8	5	3.0
556063		<0.1	8	0.2	6.0	4	2.1
556064		0.1	9	0.2	5.8	6	2.3
556065		<0.1	10	0.2	6.6	5	2.3
556066		0.1	1	0.1	2.0	2	1.3
556067		<0.1	9	0.2	6.5	6	2.2
556068		<0.1	7	0.2	5.8	5	2.0
556069		<0.1	12	0.3	6.4	5	2.8
556070		0.1	15	0.6	8.3	6	3.4
556071		0.1	11	0.2	7.0	6	3.1
556072		<0.1	8	0.3	6.6	6	2.9
556073		<0.1	6	0.1	5.8	10	1.9
556074		<0.1	6	0.1	5.7	7	1.7
556075		<0.1	7	0.2	6.2	5	2.0
556076		<0.1	7	0.1	6.2	5	1.8
556077		<0.1	7	0.1	7.1	5	2.2
556078		<0.1	7	0.1	6.7	4	2.1
556079		1.0	60	0.6	6.6	346	72.2
556080		<0.1	7	0.1	6.2	5	2.0

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CERTIFICAT D'ANALYSE VO18244226

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

Applique à la Méthode: ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244230

Projet: Kan

Bon de commande #: KANDH18-131

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

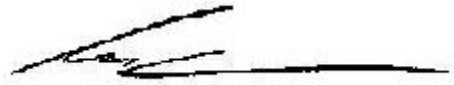
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18244230

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558651		4.51	0.036	0.09	6.49	25.6	240	1.39	0.04	2.70	0.19	17.80	42.3	122	6.74	94.3
558652		0.76	0.004	0.04	6.21	0.9	440	2.55	0.11	0.08	0.02	54.6	16.0	81	1.30	44.8
558653		3.44	0.005	0.14	6.10	7.8	450	3.68	0.13	0.56	0.10	56.1	16.3	78	8.18	25.6
558654		3.08	0.013	0.14	7.50	3.2	380	3.38	0.11	0.84	0.11	69.4	18.1	99	16.70	23.1
558655		4.40	0.009	0.10	7.96	0.5	470	2.52	0.13	1.04	0.27	58.9	18.8	91	9.61	25.8
558656		0.18	0.005	0.01	0.15	0.2	20	0.06	0.03	35.2	<0.02	1.56	0.7	2	0.16	1.4
558657		4.60	0.033	0.15	8.11	1.0	540	2.74	0.28	1.00	2.80	63.5	16.9	91	9.42	50.3
558658		2.59	0.008	0.17	7.78	0.2	530	2.22	0.17	0.38	14.00	56.9	19.3	75	5.95	62.8
558659		2.79	0.022	0.44	5.48	4.3	180	3.79	0.18	1.37	0.25	56.2	21.1	71	13.05	128.5
558660		4.12	0.007	0.17	6.78	9.7	300	3.26	0.13	0.29	0.15	55.5	18.2	88	16.05	33.1
558661		4.52	0.013	0.29	7.41	1.2	330	3.24	0.21	0.20	0.15	65.8	21.9	95	17.00	64.4
558662		4.30	0.007	0.15	7.94	1.7	440	2.25	0.17	0.21	0.37	51.2	13.8	79	14.10	59.6
558663		1.24	0.003	0.15	8.38	0.9	540	2.27	0.11	0.48	0.38	56.7	13.0	83	11.20	61.3
558664		3.32	<0.001	0.05	7.35	22.3	460	1.31	0.01	3.38	0.33	38.3	22.0	91	16.00	71.3
558665		4.22	0.003	0.15	5.98	78.9	120	0.46	0.01	6.44	0.27	8.14	47.5	109	1.31	110.5
558666		4.45	0.003	0.23	5.96	96.0	70	0.40	0.01	6.99	0.24	8.07	52.3	101	0.99	140.0
558667		4.30	<0.001	0.12	7.28	49.1	270	1.12	0.01	3.61	0.31	16.80	37.7	127	2.97	84.9
558668		2.22	0.007	0.24	7.50	1.0	460	2.18	0.17	1.03	0.70	49.1	14.0	82	11.25	83.8
558669		0.07	2.53	0.41	6.65	12.0	310	1.30	0.16	4.75	0.08	42.1	49.9	291	0.64	79.4
558670		4.20	0.005	0.18	7.96	1.6	440	2.62	0.18	0.42	0.19	59.0	14.5	85	13.70	85.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 19-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244230

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558651		10.30	17.35	0.08	1.3	0.019	0.065	1.24	7.8	59.5	4.70	743	0.77	0.83	4.9	81.1
558652		13.30	18.15	0.09	1.9	0.060	0.050	1.24	27.0	44.6	2.02	1800	1.78	0.02	12.0	44.5
558653		12.60	17.90	0.10	1.8	0.031	0.056	2.82	26.7	61.1	2.29	1880	2.32	0.03	13.2	42.1
558654		13.40	23.1	0.14	2.1	0.032	0.060	4.23	36.2	89.2	2.25	5060	2.53	0.04	10.0	46.1
558655		10.35	21.7	0.10	1.9	0.012	0.049	4.17	29.8	67.9	1.74	8990	1.73	0.05	7.4	39.6
558656		0.28	0.42	0.05	0.1	<0.005	<0.005	0.05	1.4	1.7	1.12	118	0.17	0.04	0.2	0.8
558657		9.84	21.8	0.10	2.2	0.083	0.065	4.67	31.9	62.8	1.64	5830	2.08	0.04	8.3	39.5
558658		8.07	21.0	0.10	1.9	0.334	0.075	4.40	29.8	53.5	1.36	1360	5.34	0.04	6.3	55.6
558659		16.05	17.95	0.10	1.7	0.009	0.053	3.70	25.7	60.9	2.04	1190	8.62	0.02	10.7	63.6
558660		11.85	19.00	0.10	1.9	0.008	0.053	4.46	27.4	64.4	1.66	1240	5.08	0.03	13.1	45.6
558661		10.60	21.6	0.13	2.4	0.009	0.055	4.92	33.7	65.4	1.37	870	2.81	0.04	14.9	59.1
558662		8.03	20.2	0.11	2.3	0.009	0.042	4.98	25.7	63.1	1.30	822	2.00	0.04	6.8	37.1
558663		6.42	23.1	0.13	2.3	0.013	0.046	5.38	29.9	71.1	1.18	363	5.13	0.04	7.2	37.8
558664		7.37	18.50	0.12	1.9	0.006	0.063	4.30	18.7	56.9	2.19	977	2.65	0.20	5.6	58.0
558665		8.19	15.40	0.07	1.0	0.011	0.072	1.71	3.0	30.4	3.56	1390	0.29	0.97	2.9	78.7
558666		8.09	15.15	0.06	0.9	0.005	0.071	1.22	3.0	32.2	3.83	1360	0.36	1.32	2.6	106.5
558667		11.65	18.45	0.07	1.7	0.006	0.065	1.91	7.7	55.3	3.77	1210	0.89	0.33	3.8	91.4
558668		7.42	21.0	0.10	2.2	0.022	0.061	4.07	24.4	60.2	1.55	685	5.10	0.04	6.6	42.5
558669		7.41	17.80	0.09	3.3	0.061	0.058	0.99	19.5	10.7	5.50	1020	3.03	1.98	26.9	342
558670		7.04	21.6	0.11	2.2	0.015	0.061	4.60	31.1	56.4	1.25	331	2.95	0.08	9.1	42.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244230

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558651		350	7.5	40.6	0.004	0.33	0.37	40.4	1	0.6	92.7	0.32	0.11	1.56	0.533	0.56
558652		260	4.0	24.3	0.005	1.16	0.53	11.2	2	1.8	7.2	0.73	0.08	6.63	0.271	0.14
558653		260	14.0	85.7	0.006	1.79	0.76	11.1	2	1.3	14.8	0.80	0.05	6.75	0.271	0.80
558654		300	5.1	90.0	0.004	1.32	0.60	16.3	2	1.6	35.3	0.64	0.15	9.28	0.333	1.20
558655		340	7.0	117.5	0.003	0.90	0.65	12.5	1	1.3	39.4	0.55	0.11	8.99	0.281	0.80
558656		80	0.7	1.5	0.002	0.02	0.13	0.3	1	<0.2	84.8	<0.05	<0.05	0.15	0.009	<0.02
558657		290	8.1	124.0	0.006	1.30	1.04	12.2	3	1.6	30.5	0.61	0.10	9.68	0.299	0.79
558658		260	7.8	103.5	0.011	1.91	0.63	10.1	4	2.4	17.2	0.50	0.07	9.37	0.233	0.53
558659		590	27.8	179.0	0.009	4.54	2.82	11.0	3	1.2	95.5	0.60	0.12	5.36	0.244	1.64
558660		270	8.1	197.5	0.006	1.90	1.23	11.7	2	1.4	25.3	0.78	0.07	6.92	0.286	2.33
558661		260	19.8	194.0	0.007	2.75	2.93	13.8	3	1.6	21.1	0.97	0.11	8.68	0.352	2.58
558662		170	7.5	175.5	0.007	1.39	1.59	10.2	2	1.4	19.2	0.56	0.06	9.04	0.261	2.18
558663		170	6.2	161.0	0.011	1.56	1.85	12.5	3	1.5	32.9	0.55	0.09	9.50	0.282	1.84
558664		220	6.5	167.0	0.008	0.39	0.68	21.2	1	1.2	130.0	0.43	<0.05	6.26	0.385	2.58
558665		340	9.2	46.3	<0.002	0.16	0.34	40.6	1	0.8	194.5	0.18	<0.05	0.25	0.598	0.53
558666		310	10.7	31.9	0.002	0.09	0.29	37.8	1	0.6	200	0.15	<0.05	0.22	0.553	0.41
558667		350	3.7	55.7	0.003	0.17	0.39	36.6	1	0.7	123.5	0.26	<0.05	2.05	0.617	0.61
558668		150	18.3	151.5	0.013	1.47	2.44	11.8	3	1.5	50.5	0.52	0.09	8.70	0.265	1.79
558669		1790	5.1	27.8	<0.002	0.03	0.40	19.6	1	1.3	457	1.48	0.07	2.58	1.020	0.07
558670		300	8.5	174.5	0.008	1.51	1.87	11.5	3	1.6	27.2	0.66	0.11	9.55	0.280	2.09

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244230

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558651		1.1	325	0.7	7.3	87	48.9
558652		3.7	176	2.0	6.4	109	68.4
558653		4.1	180	1.9	6.9	110	68.1
558654		3.8	208	1.8	7.4	122	75.9
558655		2.8	123	1.7	5.3	165	72.3
558656		0.2	3	0.2	2.0	3	2.3
558657		3.3	144	1.7	7.0	273	80.0
558658		5.5	233	1.7	6.6	664	64.5
558659		7.0	248	1.8	8.2	151	65.4
558660		4.0	179	2.0	6.4	140	70.5
558661		6.2	223	2.1	7.4	177	86.5
558662		2.4	125	1.4	4.9	184	76.3
558663		4.0	241	1.4	6.4	136	81.4
558664		3.1	252	0.9	5.9	162	68.4
558665		0.1	302	0.4	4.7	113	34.3
558666		0.1	287	0.4	5.2	101	30.9
558667		0.9	330	0.5	5.3	227	60.0
558668		5.1	229	1.2	6.4	224	75.6
558669		0.6	141	3.3	19.0	102	135.0
558670		4.4	200	1.3	6.8	159	79.2

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CERTIFICAT D'ANALYSE VO18244230

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 8-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244231

Projet: Kan

Bon de commande #: KANDH18-RUSH-065

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

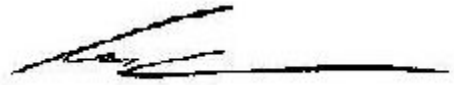
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18244231

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
556041		2.83	<0.001	0.01	0.13	0.3	10	0.86	0.01	1.60	0.04	5.82	5.0	<1	0.98	0.6
556042		2.61	<0.001	<0.01	0.03	0.3	<10	0.62	0.01	1.36	0.03	4.29	4.9	1	0.41	0.4
556043		2.46	<0.001	<0.01	0.01	0.5	<10	0.39	<0.01	1.15	0.02	3.87	4.4	1	0.08	0.8
556044		2.42	<0.001	0.01	0.01	<0.2	<10	0.48	<0.01	1.17	0.02	5.19	4.2	4	0.22	0.4
556045		2.45	<0.001	<0.01	0.02	0.3	<10	0.56	<0.01	1.08	<0.02	5.57	4.4	2	0.41	0.6
556046		0.22	<0.001	<0.01	0.08	0.2	20	0.07	0.01	35.9	<0.02	1.05	0.7	1	<0.05	1.2
556047		2.55	<0.001	<0.01	0.02	<0.2	<10	0.34	0.01	1.21	<0.02	4.57	4.6	3	0.21	0.8
556048		2.50	<0.001	0.01	0.02	0.7	<10	0.38	0.01	1.23	0.02	5.38	4.7	1	0.38	0.7
556049		2.62	<0.001	<0.01	0.01	0.2	<10	0.42	<0.01	1.21	<0.02	4.14	4.6	1	0.22	0.6
556050		2.61	<0.001	<0.01	0.03	0.3	<10	0.62	<0.01	1.37	<0.02	6.19	4.7	1	0.54	0.4
556051		2.62	<0.001	0.02	0.03	0.2	<10	1.06	0.01	0.90	<0.02	4.21	2.9	4	0.64	0.9
556052		2.58	<0.001	<0.01	0.05	0.5	10	0.59	0.01	1.60	<0.02	6.04	4.7	1	0.92	0.4
556053		2.59	<0.001	0.01	0.03	0.4	<10	0.91	0.01	1.22	<0.02	4.47	4.3	2	0.84	1.0
556054		2.53	<0.001	<0.01	0.03	1.3	<10	0.82	0.01	1.56	0.02	3.71	5.2	<1	0.36	0.6
556055		2.41	<0.001	0.01	0.08	1.4	10	0.72	0.01	1.30	<0.02	4.58	4.2	3	1.52	0.9
556056		2.31	<0.001	0.01	0.04	0.3	10	1.33	<0.01	1.27	<0.02	4.32	3.6	1	0.95	0.5
556057		2.58	<0.001	0.01	0.04	0.5	10	1.68	<0.01	1.15	<0.02	5.33	3.7	2	1.04	0.7
556058		2.53	<0.001	<0.01	0.03	1.0	<10	0.61	0.01	1.24	<0.02	5.39	4.0	2	0.81	2.4
556059		0.25	1.320	1.06	8.38	102.5	120	5.27	2.84	2.31	2.85	24.7	18.8	60	2.72	61.9
556060		2.56	<0.001	0.01	0.04	1.3	<10	0.38	0.01	1.23	<0.02	4.77	5.2	1	0.58	0.7

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Finalisée date: 8-OCT-2018
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Projet: Kan

CERTIFICAT D'ANALYSE VO18244231

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
556041		35.6	0.57	0.10	0.1	<0.005	<0.005	0.02	3.9	0.8	5.40	5970	0.06	0.01	0.9	0.9
556042		33.2	0.27	0.07	<0.1	0.007	<0.005	0.01	2.7	0.5	4.82	6600	0.08	<0.01	0.5	1.0
556043		30.6	0.20	0.08	<0.1	0.005	<0.005	<0.01	2.5	0.4	4.24	6820	0.11	<0.01	0.4	0.9
556044		30.3	0.19	0.08	<0.1	<0.005	<0.005	<0.01	3.3	0.4	4.22	6590	0.13	<0.01	0.5	1.0
556045		28.5	0.23	0.06	<0.1	<0.005	<0.005	0.01	3.5	0.3	3.93	7000	0.09	<0.01	0.5	0.8
556046		0.37	0.25	<0.05	<0.1	<0.005	<0.005	0.01	1.2	0.9	1.62	147	0.05	0.03	0.2	0.3
556047		30.7	0.25	0.08	<0.1	<0.005	<0.005	<0.01	2.8	0.4	4.18	7610	0.11	<0.01	0.5	1.1
556048		34.1	0.23	0.09	<0.1	<0.005	<0.005	0.01	3.3	0.4	4.61	8540	0.09	<0.01	0.5	0.9
556049		33.6	0.22	0.09	<0.1	<0.005	<0.005	0.01	2.6	0.3	4.61	7510	0.10	<0.01	0.6	0.9
556050		34.4	0.33	0.11	0.1	<0.005	<0.005	0.01	3.9	0.5	4.91	7520	0.07	<0.01	0.7	0.9
556051		23.9	0.27	0.07	<0.1	<0.005	<0.005	0.01	2.9	0.4	3.27	3780	0.09	0.01	0.5	0.6
556052		36.6	0.37	0.10	0.1	<0.005	<0.005	0.02	4.0	0.6	5.20	6370	0.07	0.01	1.0	0.8
556053		31.8	0.30	0.09	<0.1	0.006	<0.005	0.01	3.0	0.4	4.39	5340	0.10	0.01	0.5	0.8
556054		36.1	0.29	0.09	<0.1	0.009	<0.005	0.01	2.4	0.5	5.31	6300	0.10	<0.01	0.6	0.8
556055		25.1	0.42	0.07	<0.1	0.007	<0.005	0.03	3.0	0.5	3.63	4480	0.14	0.01	0.5	0.9
556056		32.4	0.31	0.09	<0.1	<0.005	<0.005	0.02	2.9	0.4	4.58	6560	0.16	0.01	0.7	0.9
556057		31.2	0.32	0.08	<0.1	0.007	<0.005	0.02	3.7	0.4	4.27	6200	0.11	0.01	0.6	0.7
556058		31.3	0.29	0.09	<0.1	0.006	<0.005	0.01	3.8	0.4	4.04	6860	0.12	0.01	0.4	0.8
556059		5.41	26.8	0.17	1.8	<0.005	0.105	4.34	11.7	2.8	1.78	458	1.45	3.78	15.7	69.5
556060		33.1	0.33	0.10	0.1	<0.005	<0.005	0.02	3.3	0.5	4.42	8880	0.16	0.01	0.6	1.2

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CERTIFICAT D'ANALYSE VO18244231

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
556041		220	0.6	1.1	<0.002	<0.01	0.09	0.2	<1	<0.2	40.5	0.05	<0.05	0.09	<0.005	<0.02
556042		80	<0.5	0.5	<0.002	<0.01	0.06	0.1	<1	<0.2	25.6	<0.05	<0.05	0.05	<0.005	<0.02
556043		120	<0.5	0.1	<0.002	0.01	0.07	0.1	<1	<0.2	18.9	<0.05	<0.05	0.05	<0.005	<0.02
556044		210	<0.5	0.2	<0.002	<0.01	0.07	0.1	<1	<0.2	18.2	<0.05	<0.05	0.07	<0.005	<0.02
556045		160	<0.5	0.4	<0.002	0.01	0.09	0.1	<1	<0.2	14.7	<0.05	<0.05	0.06	<0.005	<0.02
556046		60	0.9	0.4	<0.002	<0.01	0.08	0.3	1	<0.2	88.2	<0.05	<0.05	0.06	0.005	<0.02
556047		120	<0.5	0.3	<0.002	0.01	0.07	0.1	<1	<0.2	16.5	<0.05	<0.05	0.05	<0.005	<0.02
556048		240	<0.5	0.4	<0.002	0.01	0.07	0.1	<1	<0.2	17.3	<0.05	<0.05	0.06	<0.005	<0.02
556049		60	0.8	0.4	<0.002	0.01	0.06	0.1	<1	<0.2	15.4	<0.05	<0.05	0.05	<0.005	<0.02
556050		80	<0.5	0.6	<0.002	<0.01	0.06	0.1	<1	<0.2	17.3	<0.05	<0.05	0.09	<0.005	<0.02
556051		190	<0.5	0.7	<0.002	0.02	0.07	0.1	<1	<0.2	10.1	<0.05	<0.05	0.06	<0.005	<0.02
556052		220	<0.5	1.0	<0.002	<0.01	0.06	0.1	<1	<0.2	21.5	<0.05	<0.05	0.09	<0.005	<0.02
556053		140	<0.5	0.9	<0.002	0.02	0.06	0.1	<1	<0.2	12.5	<0.05	<0.05	0.05	<0.005	<0.02
556054		70	<0.5	0.4	<0.002	<0.01	0.05	0.1	<1	<0.2	18.1	<0.05	<0.05	0.06	<0.005	<0.02
556055		140	<0.5	1.6	<0.002	0.03	0.06	0.1	<1	<0.2	20.6	<0.05	<0.05	0.05	<0.005	<0.02
556056		100	<0.5	1.0	<0.002	0.01	0.06	0.1	<1	<0.2	16.0	<0.05	<0.05	0.07	<0.005	<0.02
556057		160	<0.5	1.1	<0.002	0.02	0.05	0.1	<1	<0.2	13.8	<0.05	<0.05	0.06	<0.005	<0.02
556058		200	<0.5	0.9	<0.002	0.03	0.07	0.1	<1	<0.2	15.1	<0.05	<0.05	0.04	<0.005	<0.02
556059		970	157.0	392	0.003	2.73	1.62	5.5	4	1.2	261	1.07	0.50	1.49	0.514	1.44
556060		110	<0.5	0.9	<0.002	0.01	<0.05	0.1	<1	<0.2	15.8	<0.05	<0.05	0.06	<0.005	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244231

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
556041		0.1	12	0.1	6.6	6	3.7
556042		<0.1	5	0.2	5.1	4	2.7
556043		<0.1	3	0.1	4.2	6	1.6
556044		<0.1	3	0.1	4.7	5	1.7
556045		<0.1	4	0.1	5.4	3	2.3
556046		0.1	1	<0.1	3.0	4	1.6
556047		<0.1	4	0.1	4.4	4	2.1
556048		<0.1	4	0.1	5.8	4	2.5
556049		<0.1	3	0.1	5.2	4	2.0
556050		<0.1	7	0.2	6.9	3	3.4
556051		<0.1	8	0.1	5.8	2	2.7
556052		<0.1	11	0.3	7.6	3	3.5
556053		<0.1	8	0.2	5.6	2	2.5
556054		<0.1	9	0.2	5.5	7	3.0
556055		<0.1	10	0.2	5.6	4	2.5
556056		<0.1	8	0.2	5.0	3	2.4
556057		<0.1	10	0.2	5.2	3	2.3
556058		<0.1	8	0.1	6.7	3	2.3
556059		0.7	65	0.6	6.8	240	77.4
556060		<0.1	8	0.2	5.8	3	3.0

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CERTIFICAT D'ANALYSE VO18244231

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

Applique à la Méthode: ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 20-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244233

Projet: Kan

Bon de commande #: KANDH18-132

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

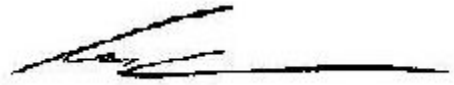
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 20-OCT-2018
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CERTIFICAT D'ANALYSE VO18244233

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558671		0.86	0.006	0.20	7.80	0.7	440	2.23	0.23	0.47	0.05	48.6	14.3	80	7.50	118.5
558672		3.30	<0.001	0.12	6.92	42.5	320	1.30	0.08	3.09	0.37	26.1	29.0	108	3.41	62.2
558673		3.69	<0.001	0.20	6.41	76.3	230	1.24	0.01	4.86	0.53	8.95	41.9	124	2.19	96.7
558674		3.08	0.034	1.38	5.70	6.2	160	1.68	0.30	0.44	1.38	57.1	20.5	76	2.67	236
558675		3.89	0.037	1.52	6.59	10.4	180	1.40	0.44	0.90	4.22	77.4	26.0	69	3.46	220
558676		0.22	<0.001	0.01	0.23	1.2	360	0.08	0.02	20.4	0.06	1.66	0.5	2	0.82	1.8
558677		4.62	0.009	0.63	8.74	14.7	240	1.67	0.25	0.83	1.88	65.8	24.5	98	4.60	114.5
558678		4.39	0.016	0.75	9.07	39.9	240	1.83	0.22	0.78	2.20	64.5	24.5	93	4.35	128.0
558679		5.18	0.033	1.05	6.81	99.7	200	2.24	0.28	3.55	4.82	63.2	19.5	70	4.12	83.9
558680		5.05	0.051	1.39	6.19	153.5	130	2.38	0.42	1.78	9.39	54.6	31.0	70	3.90	136.5
558681		4.31	0.039	1.66	4.30	109.5	140	1.93	0.23	3.31	18.10	67.2	25.4	63	3.73	271
558682		4.24	0.038	2.15	2.01	133.0	70	0.98	0.32	2.14	14.85	47.0	11.5	49	2.32	403
558683		4.63	0.043	2.02	1.81	401	60	0.80	0.31	2.57	14.70	49.9	22.6	48	2.12	374
558684		4.70	0.038	1.81	1.89	418	60	0.69	0.23	3.49	15.05	45.2	17.7	45	2.28	264
558685		4.13	0.052	2.69	2.52	82.4	90	1.05	0.35	2.03	25.1	49.9	7.2	54	2.94	325
558686		5.05	0.040	1.26	6.68	172.0	140	2.21	0.38	1.35	7.37	56.3	22.6	74	4.44	100.0
558687		4.64	0.053	1.13	6.07	131.5	140	1.60	0.37	1.58	7.77	58.3	26.6	72	4.01	110.0
558688		4.17	0.045	1.88	4.88	108.5	140	1.41	0.30	1.90	13.35	55.3	23.1	65	3.69	168.5
558689		0.20	8.63	1.70	7.58	108.5	200	3.43	3.88	2.00	4.29	25.4	17.4	54	2.56	110.0
558690		4.66	0.047	1.52	6.21	131.0	190	1.58	0.32	1.19	10.30	67.2	20.7	73	4.12	158.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244233

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558671		7.18	21.2	0.11	2.1	0.011	0.053	4.31	23.7	57.1	1.23	281	3.62	0.06	6.8	41.6
558672		7.71	17.75	0.08	1.5	0.011	0.054	2.70	13.1	52.0	3.05	747	2.33	0.11	4.1	74.9
558673		9.44	16.25	0.08	1.5	0.015	0.073	1.84	3.5	48.7	3.73	1250	0.26	0.39	3.2	97.8
558674		23.8	16.50	0.12	3.8	0.075	0.087	2.67	31.1	29.0	0.73	263	14.10	0.10	7.8	152.0
558675		20.9	20.2	0.13	4.5	0.199	0.133	3.04	43.4	27.6	0.92	424	18.30	0.17	12.2	140.0
558676		0.20	0.56	0.08	0.2	<0.005	<0.005	0.11	0.8	22.6	13.85	300	0.17	0.03	0.4	0.8
558677		11.50	22.7	0.12	4.2	0.089	0.098	4.00	39.1	26.3	0.89	380	9.96	0.59	9.3	90.6
558678		11.90	23.4	0.12	3.9	0.196	0.086	3.77	38.1	26.5	0.85	393	11.25	1.17	8.4	117.5
558679		12.30	18.75	0.14	2.9	0.421	0.079	3.25	38.4	23.9	1.80	1320	19.45	0.28	10.2	113.0
558680		16.10	16.15	0.12	1.9	0.679	0.066	2.90	32.2	22.3	1.01	869	30.5	0.15	6.6	163.0
558681		15.25	11.20	0.15	2.4	0.537	0.091	2.03	40.7	17.9	1.51	2800	99.0	0.07	6.6	195.0
558682		18.10	5.95	0.15	1.4	0.460	0.070	0.76	30.4	15.8	1.31	3190	144.0	0.02	4.7	287
558683		18.00	5.63	0.14	1.2	0.435	0.063	0.56	32.9	16.3	1.52	3460	146.5	0.02	3.5	270
558684		16.80	5.47	0.13	1.2	0.446	0.077	0.66	27.5	13.2	1.80	4660	132.0	0.02	3.0	251
558685		15.90	7.13	0.16	1.7	0.728	0.129	1.03	32.7	12.5	0.90	2280	146.5	0.05	3.9	271
558686		14.35	17.50	0.13	2.4	0.666	0.069	3.01	32.9	27.7	0.97	744	32.8	0.13	7.0	151.5
558687		13.50	15.70	0.13	2.5	0.528	0.077	2.69	35.0	23.4	1.00	885	46.8	0.13	6.8	130.5
558688		13.45	12.50	0.13	2.2	0.609	0.109	2.10	34.9	20.7	1.04	1400	89.6	0.09	5.6	165.0
558689		5.45	25.1	0.10	1.6	0.015	0.169	4.75	12.7	2.6	1.60	415	1.53	3.35	12.8	61.7
558690		14.35	16.50	0.15	2.8	0.610	0.110	2.74	40.7	22.7	0.82	751	52.9	0.14	7.4	172.5

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QUEBEC QC G1K 7R1

Finalisée date: 20-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244233

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558671		150	6.9	138.5	0.009	1.72	1.76	10.9	3	1.4	25.4	0.54	0.11	8.83	0.260	1.51
558672		250	6.5	85.6	0.005	0.47	1.00	25.9	2	0.9	123.5	0.31	0.06	4.30	0.397	0.75
558673		360	5.0	60.1	0.003	0.02	0.49	40.0	1	1.0	182.0	0.17	<0.05	0.23	0.619	0.56
558674		310	29.7	71.5	0.024	>10.0	8.59	12.1	5	2.1	26.6	0.41	0.66	4.74	0.151	2.64
558675		230	37.5	80.0	0.024	>10.0	12.65	11.2	4	2.4	54.6	0.75	0.84	6.65	0.175	3.36
558676		30	3.2	3.5	<0.002	0.06	0.24	0.3	1	<0.2	174.0	<0.05	<0.05	0.13	0.010	0.12
558677		220	15.5	93.6	0.011	6.08	5.16	18.0	4	2.2	50.9	0.52	0.40	5.17	0.285	3.97
558678		220	27.4	89.9	0.013	7.56	9.24	17.3	4	2.0	54.5	0.48	0.33	4.76	0.314	4.07
558679		250	50.3	83.5	0.026	9.32	17.05	12.2	6	1.9	75.2	0.58	0.64	4.95	0.241	4.58
558680		660	67.4	76.4	0.034	>10.0	25.7	9.9	12	1.4	46.2	0.38	0.83	4.32	0.174	5.08
558681		1710	55.1	58.9	0.071	9.72	17.80	7.3	16	1.4	75.8	0.45	0.36	4.41	0.126	3.25
558682		3100	84.1	24.1	0.085	9.99	23.4	4.3	21	0.9	49.4	0.22	0.48	3.01	0.054	1.67
558683		3700	86.0	19.7	0.086	>10.0	26.0	4.2	21	0.7	54.9	0.20	0.46	2.66	0.048	1.29
558684		3420	58.6	21.6	0.079	10.00	19.00	3.9	19	0.8	66.5	0.20	0.40	2.83	0.056	1.42
558685		2170	70.6	33.2	0.114	9.66	22.3	4.9	20	1.1	63.1	0.25	0.43	3.66	0.069	2.23
558686		360	64.2	79.7	0.040	>10.0	32.1	11.1	9	1.6	45.6	0.41	0.89	4.61	0.174	5.21
558687		680	49.1	69.4	0.045	>10.0	18.85	10.5	9	1.6	50.6	0.43	0.76	4.63	0.167	4.41
558688		1420	47.4	57.7	0.068	>10.0	17.20	7.9	11	1.4	53.8	0.36	0.58	4.24	0.125	3.56
558689		860	169.5	470	0.004	3.23	2.13	4.8	3	1.2	233	0.81	0.96	1.36	0.452	1.99
558690		810	54.4	72.2	0.054	>10.0	20.9	10.4	11	1.6	45.6	0.48	0.62	5.13	0.171	4.45

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO18244233

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558671		3.4	203	1.0	5.5	129	72.7
558672		2.3	278	0.7	5.2	166	55.2
558673		0.1	319	0.5	4.6	132	45.4
558674		12.9	163	1.1	12.2	314	143.0
558675		13.1	195	1.5	13.4	1000	175.0
558676		0.2	3	0.2	1.1	15	5.7
558677		10.5	152	1.4	11.8	440	154.5
558678		11.8	171	1.3	11.6	456	141.5
558679		14.1	226	1.8	10.9	856	109.0
558680		18.0	338	1.6	10.0	1510	73.0
558681		46.8	909	2.3	27.6	2790	96.3
558682		54.9	1200	2.3	28.9	2340	55.6
558683		58.2	1150	2.1	33.2	2210	48.6
558684		55.5	1190	2.4	29.8	2460	44.4
558685		68.8	1320	3.2	35.1	4010	69.5
558686		19.2	354	1.8	11.8	1250	93.3
558687		24.9	465	1.8	15.5	1380	91.0
558688		41.6	806	2.0	24.2	2290	86.1
558689		0.9	57	0.5	6.1	332	68.1
558690		26.8	524	1.7	17.7	1760	105.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244233

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 9-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244235

Projet: Kan

Bon de commande #: KANDH18-RUSH-067

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244235

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
556081		2.85	<0.001	<0.01	0.05	0.4	<10	0.70	0.01	2.04	<0.02	5.48	4.6	4	1.14	2.7
556082		2.66	<0.001	<0.01	0.03	<0.2	<10	0.53	<0.01	1.50	<0.02	5.18	4.3	5	0.70	2.8
556083		2.56	<0.001	<0.01	0.04	0.3	<10	0.83	<0.01	1.43	<0.02	4.97	4.1	1	1.01	2.6
556084		2.64	<0.001	<0.01	0.02	0.9	<10	1.20	0.01	1.45	<0.02	4.54	4.1	2	0.48	2.3
556085		2.62	<0.001	<0.01	0.03	0.7	<10	1.02	0.01	1.60	<0.02	5.27	4.2	2	0.89	2.9
556086		0.28	<0.001	<0.01	0.13	<0.2	20	0.05	0.01	35.6	<0.02	1.04	0.6	<1	<0.05	1.0
556087		2.30	<0.001	0.01	0.02	0.4	<10	0.50	0.01	1.47	0.02	3.53	3.8	4	0.66	3.4
556088		2.66	<0.001	0.04	0.02	78.8	<10	1.10	0.08	1.11	0.02	5.01	7.3	4	0.53	8.9
556089		2.55	<0.001	0.01	0.04	0.6	<10	1.00	0.07	1.47	<0.02	5.29	4.3	3	1.18	2.6
556090		2.16	<0.001	0.01	0.03	0.3	<10	0.84	0.07	1.37	0.02	4.84	4.3	2	0.83	2.2
556091		2.54	<0.001	0.01	0.03	1.2	<10	0.81	0.09	1.43	<0.02	4.17	4.1	3	0.89	1.9
556092		2.63	<0.001	<0.01	0.03	<0.2	<10	0.50	0.07	1.52	0.03	3.95	3.5	6	0.79	2.3
556093		2.65	<0.001	<0.01	0.03	1.1	<10	0.61	0.08	1.33	0.02	4.74	4.5	3	0.83	1.9
556094		2.56	<0.001	0.01	0.02	1.8	<10	0.69	0.07	1.68	0.03	4.57	5.2	4	0.60	2.1
556095		2.47	<0.001	0.01	0.03	0.4	10	0.34	0.06	1.22	0.02	4.05	4.3	3	0.43	2.6
556096		2.25	<0.001	0.01	0.02	3.2	<10	0.37	0.05	1.39	0.03	3.89	5.4	3	0.36	1.4
556097		2.61	<0.001	<0.01	0.02	1.5	<10	0.57	0.06	1.31	0.03	4.27	4.6	2	0.56	4.2
556098		2.73	<0.001	<0.01	0.03	1.1	<10	1.09	0.06	1.24	<0.02	4.26	4.5	2	1.02	0.6
556099		0.20	1.325	1.03	7.70	103.5	120	4.84	2.66	2.07	2.69	24.6	17.9	59	2.62	57.0
556100		2.66	<0.001	<0.01	0.03	1.3	<10	0.98	0.05	0.94	<0.02	3.41	4.0	5	0.74	3.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 9-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244235

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
556081		31.0	0.34	0.10	<0.1	0.007	<0.005	0.02	3.7	0.4	4.73	5590	0.16	0.01	0.7	1.2
556082		28.0	0.27	0.08	0.1	<0.005	<0.005	0.01	3.4	0.4	4.24	5940	0.11	0.01	0.5	1.2
556083		28.8	0.24	0.08	<0.1	<0.005	<0.005	0.02	3.3	0.4	4.55	4920	0.10	0.01	0.6	1.0
556084		31.1	0.21	0.08	<0.1	<0.005	<0.005	0.01	3.1	0.4	4.63	4910	0.15	<0.01	0.5	1.1
556085		31.9	0.26	0.09	<0.1	<0.005	<0.005	0.02	3.5	0.4	4.83	6220	0.10	0.01	1.3	1.1
556086		0.35	0.38	<0.05	0.1	<0.005	0.006	0.08	1.2	1.0	1.69	144	0.05	0.04	0.2	0.3
556087		25.6	0.20	0.07	<0.1	<0.005	<0.005	0.01	2.2	0.3	4.02	5120	0.10	<0.01	0.4	1.3
556088		27.6	0.28	0.10	<0.1	<0.005	<0.005	0.01	3.2	0.3	4.20	4350	0.41	<0.01	0.3	2.5
556089		28.3	0.34	0.10	<0.1	<0.005	<0.005	0.02	3.5	0.3	4.46	5190	0.26	0.01	0.6	1.6
556090		31.6	0.39	0.12	<0.1	<0.005	<0.005	0.01	3.2	0.3	4.84	8660	0.18	0.01	0.5	1.3
556091		26.6	0.35	0.09	<0.1	<0.005	<0.005	0.01	2.6	0.2	4.10	6760	0.14	0.01	0.7	1.1
556092		23.5	0.30	0.09	<0.1	0.005	<0.005	0.01	2.5	0.3	3.76	4870	0.13	0.01	0.4	1.0
556093		28.0	0.30	0.10	<0.1	<0.005	<0.005	0.01	3.2	0.3	4.23	4180	0.15	0.01	0.6	1.1
556094		28.2	0.29	0.11	<0.1	<0.005	<0.005	0.01	2.8	0.4	4.42	4380	0.12	<0.01	0.7	1.3
556095		29.3	0.32	0.10	<0.1	<0.005	<0.005	0.01	2.6	0.4	4.49	4820	0.13	0.01	0.3	1.1
556096		28.3	0.29	0.11	<0.1	<0.005	<0.005	0.01	2.6	0.3	4.33	5420	0.13	<0.01	0.4	1.4
556097		28.6	0.32	0.11	<0.1	<0.005	<0.005	0.01	2.8	0.4	4.28	4410	0.13	<0.01	0.3	1.3
556098		28.7	0.55	0.11	<0.1	<0.005	<0.005	0.02	2.8	0.3	4.12	11700	0.10	0.01	0.5	1.0
556099		5.06	23.8	0.09	1.7	0.008	0.099	4.20	11.0	2.6	1.69	454	1.37	3.51	15.1	67.2
556100		22.3	0.46	0.09	<0.1	<0.005	<0.005	0.02	2.3	0.5	3.38	8220	0.12	0.01	0.4	1.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 9-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244235

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
556081		90	<0.5	1.1	<0.002	0.03	0.06	0.2	<1	<0.2	25.3	<0.05	<0.05	0.07	<0.005	<0.02
556082		90	<0.5	0.6	<0.002	<0.01	0.06	0.1	<1	0.3	21.7	<0.05	<0.05	0.06	<0.005	<0.02
556083		110	<0.5	0.9	<0.002	<0.01	0.05	0.1	<1	0.2	17.9	<0.05	<0.05	0.05	<0.005	<0.02
556084		150	<0.5	0.4	<0.002	<0.01	0.07	0.1	<1	0.2	16.8	<0.05	0.05	0.04	<0.005	<0.02
556085		140	<0.5	0.8	<0.002	<0.01	0.06	0.1	<1	0.2	19.8	<0.05	<0.05	0.06	<0.005	<0.02
556086		60	<0.5	1.9	<0.002	<0.01	0.05	0.2	1	<0.2	84.2	<0.05	<0.05	0.08	<0.005	0.02
556087		110	<0.5	0.6	<0.002	0.01	0.07	0.1	<1	0.3	18.1	<0.05	<0.05	0.05	<0.005	<0.02
556088		150	2.9	0.5	<0.002	0.13	0.31	0.3	<1	0.4	12.8	<0.05	0.10	0.04	<0.005	<0.02
556089		100	1.3	1.0	<0.002	<0.01	0.15	0.2	<1	0.2	21.8	<0.05	<0.05	0.06	<0.005	<0.02
556090		90	1.0	0.7	<0.002	<0.01	0.12	0.2	<1	0.2	19.4	<0.05	<0.05	0.06	<0.005	<0.02
556091		70	0.7	0.8	<0.002	<0.01	0.11	0.2	<1	0.2	18.1	<0.05	0.06	0.05	<0.005	<0.02
556092		90	0.6	0.7	<0.002	<0.01	0.08	0.2	<1	0.2	25.1	<0.05	<0.05	0.04	<0.005	<0.02
556093		150	0.6	0.7	<0.002	<0.01	0.07	0.2	<1	0.2	18.7	<0.05	<0.05	0.04	<0.005	<0.02
556094		290	0.7	0.5	<0.002	0.01	0.07	0.2	<1	0.2	25.7	<0.05	<0.05	0.04	<0.005	<0.02
556095		140	0.7	0.5	<0.002	0.02	0.06	0.2	<1	0.2	16.4	<0.05	<0.05	0.04	<0.005	<0.02
556096		70	0.6	0.3	<0.002	0.01	0.08	0.2	<1	0.2	24.7	<0.05	<0.05	0.05	<0.005	<0.02
556097		100	0.7	0.5	<0.002	0.07	0.07	0.1	<1	0.3	21.1	<0.05	<0.05	0.03	<0.005	<0.02
556098		200	0.7	1.0	<0.002	0.01	0.07	0.2	<1	<0.2	17.2	<0.05	0.06	0.07	<0.005	<0.02
556099		950	147.5	372	0.002	2.77	1.54	5.3	4	1.2	251	1.05	0.42	1.33	0.499	1.42
556100		70	0.6	1.1	<0.002	0.01	0.07	0.2	<1	0.3	12.5	<0.05	<0.05	0.04	<0.005	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 9-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244235

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
556081		<0.1	7	0.1	6.5	5	2.1
556082		0.1	6	0.1	5.3	4	3.0
556083		<0.1	8	0.1	6.2	4	3.1
556084		<0.1	9	0.1	5.7	4	2.3
556085		<0.1	8	0.2	6.1	3	2.3
556086		0.1	2	0.2	2.7	3	1.8
556087		<0.1	8	0.1	5.9	5	3.1
556088		<0.1	11	0.1	7.1	8	1.8
556089		<0.1	9	0.2	6.8	6	2.7
556090		<0.1	6	0.2	6.2	6	3.1
556091		<0.1	6	0.1	6.2	4	2.6
556092		<0.1	6	0.1	6.0	7	2.7
556093		<0.1	10	0.2	6.2	6	2.2
556094		<0.1	9	0.1	7.4	9	2.3
556095		<0.1	9	0.2	5.8	12	2.1
556096		<0.1	7	0.2	6.1	12	2.4
556097		<0.1	8	0.1	7.2	11	2.0
556098		<0.1	6	0.2	7.9	4	3.0
556099		0.7	61	0.6	6.6	257	74.3
556100		<0.1	7	0.1	6.3	5	2.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244235

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 19- OCT- 2018
Compte: MINVIR

CERTIFICAT VO18244238

Projet: Kan

Bon de commande #: KANDH18- 133

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- SEPT- 2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 19- OCT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244238

Description échantillon	Méthode élément unités LDI	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
558691		4.39	0.033	1.32	7.78	110.0	210	1.77	0.29	2.29	4.52	68.5	20.6	77	4.92	118.0
558692		4.74	0.025	1.27	7.18	109.5	170	1.57	0.25	1.38	5.20	59.0	20.0	75	4.25	147.0
558693		4.61	0.014	0.87	9.42	62.9	270	2.01	0.24	0.31	2.06	62.9	23.4	102	5.52	115.5
558694		4.39	0.010	0.84	9.13	63.5	260	1.74	0.22	0.29	2.00	53.8	23.0	96	5.17	148.0
558695		4.47	0.012	0.82	9.13	66.9	250	1.73	0.26	0.73	2.78	66.9	21.8	90	4.95	122.5
558696		0.21	<0.001	<0.01	0.10	0.5	20	0.05	0.01	36.0	0.02	1.12	0.5	2	0.06	1.2
558697		5.15	0.014	0.83	9.10	77.1	260	1.63	0.30	0.52	2.94	67.4	24.1	88	5.11	111.5
558698		4.85	0.006	0.59	9.20	54.3	230	1.39	0.19	1.37	1.42	67.9	20.0	112	5.19	123.5
558699		4.25	0.014	0.89	7.75	81.6	210	1.01	0.21	2.75	2.77	62.5	17.8	75	4.25	122.5
558700		5.04	0.021	0.99	7.95	106.5	230	1.72	0.18	2.17	3.90	64.0	19.4	80	4.82	113.5
558701		4.30	0.040	1.47	6.68	143.5	150	1.75	0.31	1.39	6.27	62.2	21.2	72	4.43	118.5
558702		4.51	0.040	1.47	3.10	86.3	100	0.98	0.25	2.36	15.00	54.1	19.3	65	2.83	353
558703		4.68	0.050	2.05	2.45	24.0	70	0.70	0.17	2.41	14.40	42.1	3.2	45	1.89	608
558704		4.81	0.070	3.14	2.88	37.9	120	1.01	0.27	1.59	37.5	64.7	7.8	63	3.07	621
558705		4.50	0.073	3.16	3.03	61.3	110	0.82	0.27	1.80	24.8	51.6	11.6	66	3.06	533
558706		4.42	0.050	1.83	3.71	160.0	120	0.97	0.29	4.96	9.80	51.2	17.1	52	3.48	254
558707		5.21	0.055	1.59	5.88	229	90	1.56	0.39	1.40	6.47	50.5	19.4	68	4.07	115.5
558708		4.54	0.024	0.88	5.74	135.0	160	1.18	0.20	3.86	5.83	56.0	16.8	60	3.30	142.0
558709		0.19	1.340	1.09	7.92	100.5	120	4.08	2.66	2.36	2.88	23.6	17.6	59	2.48	61.4
558710		4.73	0.059	1.35	6.06	156.5	150	1.34	0.22	2.39	6.24	55.4	17.3	67	3.73	116.5

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Finalisée date: 19- OCT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244238

Description échantillon	Méthode élément unités LDI	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
558691		11.95	21.3	0.12	3.8	0.470	0.100	3.60	40.7	25.6	1.31	723	26.8	0.26	11.1	142.5
558692		13.10	18.20	0.13	2.8	0.501	0.112	3.17	35.4	25.5	0.97	586	35.0	0.20	6.9	150.0
558693		9.83	24.9	0.13	4.1	0.217	0.099	4.46	35.9	35.7	0.69	143	12.00	0.30	9.8	114.5
558694		11.40	23.6	0.12	3.8	0.269	0.088	4.22	30.3	33.4	0.61	141	11.55	0.25	8.2	138.5
558695		10.80	23.5	0.13	4.7	0.301	0.111	4.08	38.2	33.7	0.63	201	13.20	0.23	12.4	123.0
558696		0.16	0.27	0.06	<0.1	<0.005	<0.005	0.03	1.2	1.0	1.35	92	0.10	0.02	0.1	0.2
558697		10.80	24.2	0.11	4.7	0.301	0.104	4.08	37.4	27.6	0.67	192	14.00	0.32	12.8	122.0
558698		9.60	23.2	0.13	4.2	0.183	0.090	3.95	40.2	27.2	1.12	372	12.30	0.42	8.5	108.5
558699		11.25	19.60	0.13	3.4	0.323	0.089	3.15	37.7	21.1	1.47	666	14.35	0.70	8.9	123.5
558700		11.80	21.3	0.10	3.5	0.434	0.094	3.46	36.5	23.7	1.26	620	16.35	0.39	8.9	138.5
558701		13.10	18.10	0.11	3.1	0.587	0.078	2.97	37.4	22.6	0.92	602	38.7	0.27	7.7	170.0
558702		15.40	8.60	0.15	2.0	0.478	0.077	1.06	31.8	20.6	1.46	1940	91.9	0.04	4.4	292
558703		17.55	6.92	0.12	1.4	0.271	0.065	0.64	24.4	18.3	1.58	2300	106.5	0.03	3.0	387
558704		17.50	8.48	0.19	2.2	0.658	0.162	1.06	43.4	16.5	0.91	1310	169.0	0.03	3.6	423
558705		15.45	8.10	0.17	1.9	0.596	0.143	1.12	35.0	16.0	1.00	1440	138.5	0.05	3.5	370
558706		14.15	9.22	0.12	1.6	0.574	0.095	1.49	31.9	19.0	2.36	1490	80.8	0.26	6.1	233
558707		16.50	15.60	0.15	2.1	0.914	0.111	2.77	27.3	22.3	0.83	335	36.5	0.16	5.6	186.5
558708		13.65	14.85	0.10	2.7	0.575	0.115	2.42	32.2	19.9	1.84	864	18.80	0.49	7.9	152.0
558709		5.31	23.9	0.09	1.7	<0.005	0.094	4.28	11.4	2.3	1.77	443	1.41	3.64	13.7	64.2
558710		14.45	15.25	0.11	2.1	0.717	0.104	2.77	32.5	20.2	1.22	505	27.0	0.22	6.0	168.5

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Finalisée date: 19- OCT- 2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244238

Description échantillon	Méthode élément unités LDI	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
558691		380	53.7	88.6	0.030	9.81	17.85	13.4	7	2.0	67.7	0.70	0.55	5.67	0.252	5.90
558692		520	44.3	76.8	0.032	>10.0	14.05	11.9	8	1.5	48.4	0.40	0.50	4.54	0.215	5.03
558693		240	32.7	100.5	0.016	7.48	9.61	21.1	4	2.0	43.3	0.58	0.45	5.11	0.361	6.58
558694		220	30.7	93.9	0.015	8.59	9.06	17.5	4	2.0	40.8	0.45	0.41	4.45	0.313	6.22
558695		260	31.9	94.0	0.017	8.18	9.34	16.1	3	2.3	42.0	0.74	0.50	5.67	0.322	6.12
558696		60	0.5	0.7	<0.002	0.02	0.14	0.2	1	<0.2	84.4	<0.05	<0.05	0.08	0.006	0.03
558697		220	35.9	97.0	0.019	8.54	10.50	14.9	3	2.3	44.8	0.87	0.48	6.12	0.290	6.44
558698		260	21.8	93.0	0.018	6.53	6.06	19.6	3	2.0	63.5	0.48	0.39	5.26	0.293	6.00
558699		200	36.6	78.7	0.017	8.54	9.12	13.4	3	1.7	76.8	0.51	0.40	5.04	0.240	5.19
558700		230	47.9	85.6	0.017	9.97	12.75	12.8	6	2.0	65.7	0.52	0.43	5.11	0.233	6.11
558701		300	59.6	79.4	0.037	>10.0	19.30	11.0	8	1.8	48.5	0.47	0.74	4.98	0.183	5.72
558702		1670	35.2	33.7	0.080	9.85	8.08	6.0	19	0.9	51.8	0.27	0.47	4.41	0.084	2.66
558703		2100	28.9	20.6	0.067	9.02	5.25	4.7	25	0.7	47.7	0.19	0.18	3.13	0.063	1.65
558704		2250	44.0	35.8	0.157	>10.0	8.62	5.8	30	1.1	42.2	0.26	0.27	4.53	0.071	2.70
558705		1920	44.2	36.2	0.129	9.71	8.57	5.8	25	1.1	50.1	0.24	0.33	4.17	0.078	2.73
558706		850	54.5	48.1	0.074	>10.0	15.50	6.9	14	1.0	106.5	0.37	0.46	4.04	0.115	3.48
558707		430	79.6	73.9	0.045	>10.0	25.2	9.0	10	1.3	47.3	0.33	0.75	4.19	0.130	6.01
558708		300	40.5	65.9	0.028	>10.0	10.75	10.0	7	1.3	83.0	0.47	0.43	4.46	0.162	4.63
558709		960	147.5	386	0.002	2.71	1.64	4.8	3	1.1	253	0.97	0.43	1.25	0.496	1.46
558710		330	62.4	75.4	0.035	>10.0	15.75	10.1	7	1.3	60.1	0.35	0.33	4.25	0.139	5.88

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CERTIFICAT D'ANALYSE VO18244238

Description échantillon	Méthode élément unités LDI	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
558691		18.2	390	1.7	13.9	911	139.0
558692		18.7	386	1.3	12.2	1040	109.0
558693		14.0	191	1.2	10.9	436	150.5
558694		12.5	178	1.1	10.6	437	140.5
558695		12.1	196	1.1	13.4	630	170.0
558696		0.2	2	<0.1	1.8	4	1.6
558697		12.9	205	1.1	12.5	643	165.5
558698		11.3	176	1.1	11.4	345	153.0
558699		12.6	197	1.1	11.0	645	126.0
558700		13.8	220	1.6	11.5	764	133.0
558701		21.7	435	1.8	12.6	1040	116.0
558702		41.0	1110	3.1	21.4	2300	80.4
558703		46.1	1020	2.5	21.6	2120	55.3
558704		89.2	1520	3.0	36.2	5330	85.2
558705		70.1	1310	2.7	28.8	3860	74.5
558706		35.4	809	2.4	16.9	1610	63.7
558707		19.9	358	1.4	9.6	1220	82.1
558708		12.3	202	1.1	10.6	1200	102.5
558709		0.6	62	0.7	6.1	236	71.3
558710		16.6	293	1.2	9.8	1280	76.6

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CERTIFICAT D'ANALYSE VO18244238

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU- 31	CRU- QC	LOG- 21	LOG- 23
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au- ICP21	Hg- MS42	ME- MS61

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CERTIFICAT VO18244241

Projet: Kan

Bon de commande #: KANDH18-RUSH-064

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

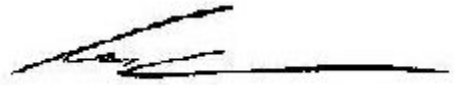
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18244241

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
556021		2.40	<0.001	0.02	0.51	0.5	<10	0.92	0.05	1.72	0.02	14.00	8.0	14	0.18	4.1
556022		2.32	<0.001	<0.01	0.51	7.4	10	0.77	0.04	1.45	0.02	17.95	7.3	15	0.96	3.9
556023		2.43	0.147	0.02	0.33	105.0	20	0.34	0.06	2.97	0.07	12.55	8.0	15	2.91	5.9
556024		2.41	2.00	0.03	0.13	9.9	10	0.45	0.04	5.09	0.15	7.65	7.4	7	1.78	13.4
556025		2.53	0.321	0.14	0.33	6.2	40	0.45	0.03	4.28	0.10	8.94	6.7	7	4.01	6.3
556026		0.19	<0.001	<0.01	0.07	0.4	10	0.07	0.03	30.6	<0.02	1.16	0.6	2	0.05	0.6
556027		2.45	0.032	0.01	0.77	2.6	50	0.54	0.04	2.54	0.08	16.10	10.9	25	1.95	4.5
556028		2.30	<0.001	0.01	0.54	4.6	50	0.47	0.04	2.37	0.04	11.70	6.4	20	3.41	4.0
556029		2.35	<0.001	0.02	0.43	4.7	10	1.67	0.04	1.84	0.02	14.35	6.0	13	0.76	3.6
556030		2.10	<0.001	0.02	0.39	2.7	<10	0.93	0.03	1.23	0.02	13.75	5.4	11	0.38	3.3
556031		2.45	<0.001	0.02	0.42	5.6	10	1.02	0.04	1.22	0.02	14.70	7.3	13	0.65	4.9
556032		2.52	<0.001	0.01	0.48	7.2	10	1.01	0.04	1.56	0.02	13.15	6.9	17	1.22	5.3
556033		2.13	<0.001	0.01	0.49	4.0	10	0.74	0.03	1.67	0.03	12.95	7.2	18	1.18	5.4
556034		2.08	<0.001	0.10	0.51	5.7	10	0.75	0.03	3.19	0.03	13.45	5.9	14	0.95	4.7
556035		2.27	<0.001	0.01	0.44	1.7	10	0.57	0.03	3.16	0.07	11.30	6.9	18	2.82	5.2
556036		1.98	<0.001	0.07	0.86	16.5	30	0.71	0.03	2.48	0.18	19.25	8.8	29	6.03	8.2
556037		3.17	0.004	0.03	0.38	0.3	<10	0.20	0.02	2.33	0.16	5.11	4.5	4	0.80	50.3
556038		2.35	0.001	0.01	0.04	<0.2	<10	0.60	0.02	1.09	0.03	4.94	4.1	4	0.69	1.1
556039		0.34	8.67	1.74	7.21	106.0	190	3.92	3.74	1.78	4.19	27.7	18.5	53	2.74	110.0
556040		2.32	<0.001	0.01	0.08	0.3	10	0.37	0.01	1.18	0.03	5.15	3.9	5	0.98	0.3

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QUEBEC QC G1K 7R1

Finalisée date: 9-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244241

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
556021		21.3	2.61	0.09	0.4	<0.005	0.010	0.01	6.9	4.0	3.00	12550	0.59	<0.01	4.5	8.6
556022		21.6	2.52	0.11	0.3	<0.005	0.010	0.04	9.0	4.5	2.84	13200	0.96	<0.01	4.3	7.7
556023		19.60	1.59	0.09	0.2	<0.005	0.006	0.11	6.9	4.6	3.09	10650	0.73	<0.01	2.9	6.4
556024		18.50	0.71	0.08	0.1	0.008	<0.005	0.04	4.0	1.6	3.57	6570	0.27	<0.01	1.1	4.7
556025		21.9	1.65	0.10	0.2	<0.005	0.005	0.10	4.7	3.4	4.00	7390	0.18	<0.01	2.2	4.2
556026		0.35	0.25	0.05	0.1	<0.005	<0.005	0.01	1.2	1.3	1.76	199	0.05	0.03	0.1	0.3
556027		23.5	3.92	0.11	0.6	<0.005	0.015	0.18	8.2	7.4	3.82	11100	0.37	<0.01	5.1	9.2
556028		20.2	2.73	0.09	0.4	<0.005	0.010	0.20	6.1	7.7	3.08	14150	0.28	<0.01	3.4	7.8
556029		22.3	2.35	0.09	0.3	<0.005	0.008	0.05	7.8	3.9	3.09	14400	0.46	<0.01	2.9	6.8
556030		21.7	2.26	0.10	0.3	<0.005	0.008	0.02	7.5	3.5	3.05	12350	0.55	<0.01	2.5	6.6
556031		21.1	2.30	0.09	0.3	<0.005	0.010	0.05	7.8	4.2	3.06	12700	0.30	<0.01	3.3	8.1
556032		19.10	2.42	0.08	0.4	<0.005	0.013	0.09	7.0	5.7	2.93	11450	0.29	<0.01	3.8	8.5
556033		18.35	2.50	0.08	0.4	<0.005	0.012	0.09	6.5	5.9	2.75	12200	0.34	<0.01	4.4	8.7
556034		19.25	2.37	0.09	0.4	<0.005	0.012	0.08	6.6	5.9	3.20	12450	0.21	<0.01	4.1	6.7
556035		17.80	2.08	0.08	0.3	<0.005	0.010	0.28	6.0	7.3	2.73	12250	0.26	0.01	3.6	8.2
556036		19.35	3.28	0.09	0.7	0.005	0.019	0.68	9.6	13.2	2.57	14150	0.41	0.01	6.4	11.0
556037		22.1	1.39	0.09	<0.1	<0.005	0.008	0.02	3.2	3.2	3.19	6300	0.12	<0.01	0.6	2.2
556038		28.7	0.38	0.11	<0.1	0.011	<0.005	0.01	3.1	0.4	4.08	5550	0.07	<0.01	0.4	0.8
556039		5.12	24.6	0.12	1.6	0.011	0.157	4.46	13.2	2.4	1.52	420	1.45	3.12	14.4	64.1
556040		26.2	0.52	0.11	0.1	<0.005	<0.005	0.03	3.2	0.6	3.77	5050	0.13	0.01	0.5	1.0

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Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244241

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
556021		410	1.5	0.6	<0.002	0.11	0.26	1.5	1	<0.2	23.2	0.19	<0.05	0.91	0.048	0.02
556022		590	1.3	2.2	<0.002	0.12	0.21	1.4	<1	0.2	22.3	0.18	<0.05	0.85	0.046	0.10
556023		440	1.6	6.5	<0.002	0.25	0.21	1.0	1	0.2	59.0	0.13	0.11	0.59	0.031	0.31
556024		210	2.1	1.9	<0.002	0.76	0.18	0.5	<1	<0.2	116.0	<0.05	0.06	0.17	0.012	0.06
556025		180	1.9	5.2	<0.002	0.38	0.16	1.1	<1	<0.2	94.7	0.08	<0.05	0.44	0.022	0.20
556026		70	1.1	0.3	<0.002	<0.01	0.07	0.3	<1	<0.2	80.0	<0.05	<0.05	0.07	0.005	<0.02
556027		340	1.9	8.6	<0.002	0.24	0.28	2.4	<1	0.2	51.9	0.27	<0.05	0.97	0.074	0.36
556028		360	1.6	11.3	<0.002	0.11	0.20	1.5	<1	0.4	41.7	0.16	<0.05	0.59	0.051	0.54
556029		500	1.6	2.8	<0.002	0.19	0.20	1.1	1	<0.2	26.1	0.14	0.05	0.56	0.035	0.14
556030		460	1.4	1.4	<0.002	0.15	0.23	1.0	<1	<0.2	15.7	0.12	<0.05	0.48	0.026	0.07
556031		650	1.7	2.7	<0.002	0.16	0.23	1.3	1	<0.2	14.7	0.15	<0.05	0.54	0.041	0.12
556032		460	1.6	5.3	<0.002	0.13	0.23	1.5	<1	0.2	16.4	0.18	<0.05	0.59	0.050	0.20
556033		380	1.8	5.1	<0.002	0.14	0.24	1.4	<1	0.2	17.7	0.22	<0.05	0.69	0.056	0.20
556034		380	1.9	4.4	<0.002	0.11	0.21	1.5	<1	0.2	28.5	0.25	<0.05	0.71	0.067	0.16
556035		330	2.5	15.2	<0.002	0.11	0.19	1.5	<1	0.2	33.7	0.20	<0.05	0.59	0.056	0.30
556036		510	3.4	35.3	<0.002	0.45	0.30	2.7	1	0.4	51.3	0.40	<0.05	1.09	0.111	0.54
556037		60	1.4	1.7	<0.002	0.42	0.10	0.5	1	<0.2	90.9	<0.05	<0.05	0.07	<0.005	0.03
556038		110	0.9	0.8	<0.002	0.03	0.10	0.1	<1	<0.2	27.5	<0.05	<0.05	0.07	<0.005	<0.02
556039		850	163.5	446	0.002	3.20	1.90	5.2	3	1.2	231	0.91	0.83	1.46	0.461	1.92
556040		110	0.9	1.9	<0.002	0.01	0.10	0.2	<1	<0.2	32.1	<0.05	<0.05	0.11	<0.005	<0.02

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CERTIFICAT D'ANALYSE VO18244241

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
556021		0.4	29	0.2	5.6	11	15.7
556022		0.4	30	0.1	6.1	10	14.0
556023		0.5	21	0.3	6.1	13	9.4
556024		0.1	11	0.4	6.5	17	4.1
556025		0.1	16	0.4	6.7	21	7.0
556026		0.2	2	0.1	2.2	4	2.4
556027		0.8	49	0.3	7.2	27	24.8
556028		0.5	34	0.5	5.6	10	15.3
556029		0.5	28	0.1	6.2	8	13.9
556030		0.5	28	0.2	5.8	7	12.6
556031		0.5	28	0.2	6.2	9	14.4
556032		0.5	31	0.2	5.6	10	17.0
556033		0.5	32	0.2	5.2	12	19.4
556034		0.4	35	0.8	5.4	13	18.9
556035		0.4	33	0.3	4.8	20	15.3
556036		0.7	60	0.3	5.7	49	30.8
556037		0.1	11	0.1	4.7	20	2.4
556038		0.1	5	0.1	4.6	5	3.0
556039		1.0	56	0.4	6.7	313	72.4
556040		0.1	6	0.2	5.1	5	3.2

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CERTIFICAT D'ANALYSE VO18244241

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18244246

Projet: Kan

Bon de commande #: KANDH18-RUSH-063

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

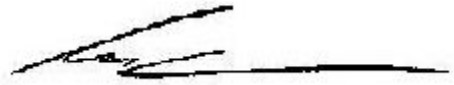
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
Au-GRA21	Au 30 g fini FA-GRAV	WST-SIM
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18244246

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
556001		2.27	0.003		0.04	0.13	0.7	10	0.18	0.02	4.67	0.04	9.40	2.1	11	0.75
556002		2.31	0.003		0.02	0.13	0.4	10	0.17	0.01	3.72	0.05	6.03	1.8	11	0.30
556003		2.36	0.003		0.01	0.15	0.5	10	0.21	0.01	8.18	0.08	6.37	1.6	6	1.61
556004		2.45	0.038		0.04	0.17	5.0	10	0.19	0.02	6.82	0.12	5.74	2.1	5	1.73
556005		2.36	0.400		0.05	0.23	5.2	20	0.22	0.02	6.87	0.15	7.98	3.0	6	1.82
556006		0.20	0.006		0.01	0.09	0.3	20	0.06	0.03	32.4	0.02	1.18	0.8	3	0.05
556007		2.50	0.074		0.02	0.21	3.6	20	0.21	0.03	3.26	0.09	10.35	3.7	8	1.29
556008		2.06	>10.0	10.50	0.31	0.25	7.5	20	0.21	0.04	2.93	0.12	7.05	5.4	7	1.30
556009		2.37	4.54		0.48	0.20	15.3	20	0.22	0.04	4.70	0.13	9.97	4.5	6	0.71
556010		2.33	3.14		0.10	0.37	6.8	40	0.38	0.04	3.17	0.13	12.20	4.8	11	1.86
556011		2.14	0.023		0.02	0.33	71.4	20	0.30	0.02	5.19	0.08	11.65	3.8	9	2.49
556012		2.38	0.009		<0.01	0.10	42.6	<10	0.27	0.01	1.94	0.09	5.04	3.7	8	0.39
556013		2.44	0.001		0.01	0.39	21.7	20	0.31	0.01	2.23	0.05	12.35	6.8	14	2.32
556014		2.30	<0.001		0.01	0.38	2.9	10	0.55	0.03	3.90	0.04	16.05	10.8	12	0.64
556015		2.12	0.002		0.02	0.07	15.0	<10	0.19	0.03	2.84	0.02	6.33	3.4	29	0.20
556016		2.17	<0.001		0.01	0.21	2.8	<10	0.40	0.01	4.18	0.02	8.12	4.6	16	0.25
556017		2.28	<0.001		0.02	0.47	4.5	<10	0.37	0.03	4.74	0.03	8.70	4.5	13	0.19
556018		2.17	<0.001		0.01	0.13	11.0	<10	0.33	0.03	5.43	0.03	8.71	3.7	8	0.14
556019		0.07	0.661		0.20	7.25	20.4	330	1.35	0.14	4.39	0.22	49.8	43.5	188	1.94
556020		2.45	<0.001		0.01	0.79	1.4	10	1.61	0.03	3.20	0.03	17.00	9.3	19	0.73

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CERTIFICAT D'ANALYSE VO18244246

Description échantillon	Méthode élément unités LDI	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1
556001		4.1	13.00	0.97	0.07	0.2	<0.005	<0.005	0.02	4.9	2.4	3.02	3350	0.41	0.01	0.9
556002		5.2	11.85	1.57	0.06	0.1	<0.005	<0.005	0.03	3.3	1.3	2.55	3230	0.30	<0.01	1.3
556003		2.3	14.75	1.67	0.05	0.1	<0.005	0.005	0.02	3.6	2.1	4.28	4100	0.24	<0.01	1.3
556004		9.2	16.75	1.14	0.05	0.1	0.005	0.007	0.03	3.2	2.1	4.27	4730	0.50	<0.01	0.6
556005		12.7	19.30	1.25	0.06	0.1	0.010	0.008	0.05	4.8	2.2	4.20	5940	0.39	<0.01	1.1
556006		3.0	0.32	0.33	<0.05	0.1	<0.005	<0.005	0.02	1.2	1.3	1.79	140	0.14	0.04	0.1
556007		9.1	23.4	1.23	0.06	0.2	<0.005	0.008	0.05	6.2	2.2	3.52	7230	0.32	<0.01	1.5
556008		29.5	22.4	1.08	0.06	0.1	0.112	0.010	0.06	4.2	2.5	3.05	6020	0.17	<0.01	0.7
556009		21.0	21.8	0.88	0.06	0.1	0.041	0.008	0.05	6.1	2.2	3.33	7450	0.26	<0.01	0.7
556010		13.9	23.3	1.59	0.07	0.2	0.008	0.013	0.12	7.5	4.2	3.23	8980	0.56	0.06	1.8
556011		4.9	18.35	1.39	0.05	0.2	<0.005	0.009	0.10	7.3	3.5	3.57	7730	0.45	<0.01	2.0
556012		3.7	22.4	0.46	0.05	<0.1	<0.005	0.009	0.02	3.2	1.2	3.45	7030	0.16	<0.01	0.7
556013		3.6	21.7	1.97	0.07	0.3	<0.005	0.009	0.10	6.8	4.0	3.13	10250	0.46	<0.01	4.1
556014		3.7	22.4	1.92	0.09	0.3	<0.005	0.009	0.03	9.2	2.6	3.47	14050	0.66	<0.01	3.8
556015		5.5	8.87	0.39	<0.05	0.1	<0.005	<0.005	0.01	3.6	0.8	1.62	5270	0.31	<0.01	0.7
556016		4.1	14.95	1.00	0.05	0.1	<0.005	<0.005	0.01	4.5	1.6	2.82	8380	0.35	<0.01	2.2
556017		6.8	14.20	2.32	0.05	0.4	<0.005	0.006	0.01	4.7	3.3	2.75	8180	0.36	<0.01	2.8
556018		4.3	14.00	0.73	0.05	0.1	<0.005	<0.005	0.01	4.7	1.4	2.93	8630	0.41	<0.01	1.1
556019		56.8	7.24	20.3	0.11	3.8	0.015	0.064	0.88	21.9	12.9	2.89	941	2.51	1.70	20.6
556020		6.5	24.2	3.74	0.08	0.5	<0.005	0.013	0.04	8.9	5.6	3.70	13150	0.75	<0.01	6.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244246

Description échantillon	Méthode élément unités LDI	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005
556001		3.2	90	1.3	1.1	<0.002	0.23	0.09	0.4	<1	<0.2	53.7	0.05	<0.05	0.42	0.011
556002		2.7	120	1.2	1.0	<0.002	0.15	0.10	0.4	1	<0.2	55.7	0.06	<0.05	0.17	0.009
556003		1.9	80	1.6	1.4	<0.002	0.13	0.12	0.5	1	<0.2	115.0	0.06	<0.05	0.15	0.008
556004		2.3	70	1.9	1.7	<0.002	0.56	0.12	0.5	1	<0.2	101.5	0.05	<0.05	0.13	0.005
556005		3.1	190	2.4	2.4	<0.002	0.90	0.10	0.5	1	<0.2	116.0	0.08	0.06	0.21	0.010
556006		0.8	50	0.7	0.8	<0.002	<0.01	0.05	0.3	1	<0.2	81.9	<0.05	<0.05	0.10	0.006
556007		3.7	280	1.6	2.2	<0.002	0.65	0.13	0.6	1	<0.2	54.0	0.10	0.06	0.24	0.013
556008		7.5	220	2.2	2.5	<0.002	1.98	0.12	0.5	2	<0.2	64.0	0.07	0.11	0.13	0.008
556009		4.5	230	2.6	2.1	<0.002	1.34	0.16	0.4	1	<0.2	93.3	0.05	0.07	0.14	0.008
556010		4.8	350	3.4	5.3	<0.002	0.89	0.48	0.9	1	<0.2	68.1	0.10	0.06	0.41	0.022
556011		3.3	420	1.9	5.6	<0.002	0.28	0.15	0.9	1	<0.2	70.7	0.10	<0.05	0.47	0.022
556012		2.0	90	0.8	0.9	<0.002	0.16	0.10	0.2	<1	<0.2	28.2	<0.05	0.05	0.09	0.005
556013		6.0	330	0.9	6.1	<0.002	0.11	0.12	1.1	1	0.2	32.7	0.14	<0.05	0.59	0.040
556014		9.1	780	1.7	1.7	<0.002	0.14	0.19	1.2	1	<0.2	49.8	0.18	<0.05	0.58	0.056
556015		2.7	260	1.6	0.6	<0.002	0.24	0.22	0.2	1	<0.2	29.9	<0.05	0.07	0.11	0.006
556016		4.5	290	1.2	0.6	<0.002	0.11	0.15	0.5	1	<0.2	37.8	0.09	<0.05	0.34	0.023
556017		4.2	200	1.8	0.5	<0.002	0.16	0.15	0.9	1	<0.2	47.2	0.13	0.05	1.04	0.031
556018		3.1	260	1.5	0.6	<0.002	0.11	0.19	0.6	1	<0.2	47.0	0.05	<0.05	0.22	0.011
556019		142.5	1140	14.8	40.2	<0.002	0.02	1.05	21.2	1	1.8	347	1.17	<0.05	4.99	0.912
556020		10.6	440	1.7	2.4	<0.002	0.14	0.31	2.0	1	0.2	35.1	0.26	<0.05	1.23	0.066

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CERTIFICAT D'ANALYSE VO18244246

Description échantillon	Méthode élément unités LDI	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
556001		0.03	0.2	11	0.3	4.5	12	6.9
556002		0.03	0.2	15	0.1	3.8	14	3.8
556003		0.07	0.2	17	0.1	5.7	15	4.3
556004		0.06	0.2	15	0.1	5.8	26	3.6
556005		0.11	0.2	19	0.3	6.3	32	5.6
556006		<0.02	0.1	1	0.1	2.2	5	1.7
556007		0.09	0.3	21	0.3	5.5	34	7.4
556008		0.12	0.1	13	0.6	4.7	31	3.2
556009		0.06	0.2	13	0.2	6.0	30	3.5
556010		0.22	0.5	29	0.2	6.2	37	9.7
556011		0.25	1.1	24	0.3	6.9	35	9.0
556012		0.04	0.2	8	0.3	3.6	34	2.2
556013		0.29	0.3	26	0.3	4.9	25	10.9
556014		0.08	0.3	25	0.3	7.1	19	14.1
556015		0.03	0.1	6	0.1	3.1	6	2.8
556016		0.03	0.2	13	0.1	4.4	8	6.0
556017		0.03	0.3	21	0.1	4.9	10	14.9
556018		0.02	0.2	10	0.1	4.3	7	4.7
556019		0.21	1.2	146	2.3	20.7	129	150.5
556020		0.11	0.5	41	0.2	6.7	15	22.6

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CERTIFICAT D'ANALYSE VO18244246

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au-GRA21	Au-ICP21	Hg-MS42	ME-MS61

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CERTIFICAT VO18244251

Projet: Kan

Bon de commande #: KANDH18-RUSH-062

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18244251

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555981		2.66	0.195	0.05	1.07	39.5	20	0.54	0.03	4.39	0.09	22.3	11.6	33	3.67	12.4
555982		2.56	0.004	0.08	0.33	9.6	20	0.34	0.04	4.81	0.05	11.40	6.2	20	3.25	36.2
555983		2.40	0.032	0.04	0.56	27.6	20	0.33	0.03	4.16	0.10	17.25	6.9	25	4.18	36.0
555984		2.51	0.168	0.09	0.05	5.9	<10	0.20	0.05	4.19	0.06	6.10	6.9	13	0.76	61.1
555985		2.28	0.145	0.17	0.37	3.9	10	0.25	0.09	5.15	0.11	8.54	10.0	18	1.73	90.8
555986		0.20	<0.001	0.01	0.07	0.5	20	0.08	0.01	34.7	<0.02	1.17	0.9	3	0.06	2.5
555987		2.28	0.083	0.04	0.42	4.4	20	0.44	0.02	1.02	0.05	13.50	5.4	25	5.28	19.6
555988		2.37	0.098	0.02	0.13	10.2	10	0.19	0.02	1.63	0.05	7.50	3.4	22	1.80	8.1
555989		2.17	0.293	0.10	0.33	4.4	10	0.24	0.01	2.50	0.06	9.65	4.2	26	2.81	13.9
555990		2.35	0.017	0.05	0.08	5.3	10	0.27	0.04	8.88	0.10	6.94	2.4	15	1.31	11.1
555991		2.16	0.007	0.28	0.13	21.3	10	0.20	0.18	7.68	0.09	5.50	13.2	8	1.33	107.0
555992		2.20	0.026	0.08	0.15	9.9	10	0.15	0.05	5.63	0.07	4.10	4.9	16	2.68	23.5
555993		2.27	0.002	0.08	0.26	7.6	10	0.29	0.10	7.84	0.12	8.86	9.5	13	3.11	20.4
555994		2.48	<0.001	0.02	0.60	3.6	20	1.32	0.03	7.67	0.13	16.80	6.6	26	4.49	6.2
555995		2.33	0.001	0.03	0.64	11.4	10	0.57	0.03	5.23	0.12	16.95	8.6	20	1.76	8.6
555996		2.38	0.115	0.02	0.70	13.8	30	0.44	0.03	3.65	0.18	19.75	8.5	18	7.52	9.6
555997		2.46	0.002	0.02	0.68	31.1	40	0.65	0.03	1.35	0.13	18.15	7.3	16	10.45	3.6
555998		1.70	0.214	0.04	0.59	0.4	20	0.41	0.05	1.47	0.23	12.10	6.8	22	5.30	17.0
555999		0.07	7.60	1.29	5.96	33.0	300	0.93	0.49	2.84	0.08	30.1	38.7	331	0.69	104.5
556000		2.80	0.016	0.01	0.18	0.7	10	0.24	0.02	4.18	0.07	6.16	2.5	15	1.85	2.8

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Finalisée date: 8-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244251

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555981		23.8	4.49	0.10	0.9	0.017	0.104	0.18	11.8	4.1	4.36	12400	1.45	0.03	8.5	18.2
555982		15.75	1.58	0.07	0.3	0.018	0.918	0.11	6.1	1.2	3.02	9660	0.87	0.03	2.6	8.5
555983		19.35	2.70	0.09	0.6	0.011	0.569	0.14	9.2	1.5	3.07	12600	1.10	0.04	5.6	11.8
555984		15.35	0.39	0.07	<0.1	0.016	0.892	0.02	3.2	0.5	2.39	10750	0.40	0.01	0.6	10.8
555985		16.05	1.62	0.06	0.1	0.064	0.710	0.06	4.5	1.2	2.69	10600	0.69	0.02	1.7	16.4
555986		0.40	0.22	<0.05	0.1	<0.005	0.014	0.01	1.2	1.1	1.54	280	0.06	0.03	0.2	0.6
555987		19.10	1.72	0.08	0.3	0.024	0.267	0.19	7.4	1.2	2.19	13900	0.76	0.05	3.3	7.3
555988		12.90	0.59	0.05	0.1	0.019	0.055	0.06	4.0	0.6	1.57	9990	0.45	0.02	1.3	3.8
555989		15.90	1.44	0.07	0.3	0.028	0.207	0.10	5.2	1.0	2.20	11450	0.65	0.03	2.6	5.9
555990		9.89	0.53	<0.05	0.1	0.024	1.150	0.05	4.0	0.8	3.49	6530	0.76	0.02	1.0	3.1
555991		14.20	0.71	0.05	0.1	0.029	0.705	0.05	3.1	0.8	3.13	5410	1.12	0.01	1.1	6.6
555992		9.28	0.64	<0.05	0.1	0.015	0.630	0.09	2.3	0.7	2.33	5160	0.72	0.03	1.1	2.9
555993		12.25	1.28	<0.05	0.2	0.031	0.434	0.10	5.0	1.2	3.30	7040	0.98	0.03	2.3	6.1
555994		18.00	2.98	0.05	0.6	0.017	0.167	0.18	9.0	2.5	3.88	11700	1.29	0.04	5.5	8.3
555995		21.4	3.03	0.05	0.6	0.007	0.147	0.10	9.0	2.7	3.66	13900	1.50	0.01	6.0	10.4
555996		25.6	3.10	0.07	0.8	0.030	0.173	0.26	10.4	2.1	3.78	17050	0.86	0.07	6.7	10.4
555997		22.0	2.67	0.05	0.7	0.025	0.168	0.36	9.4	2.1	2.87	15000	0.64	0.09	6.9	9.7
555998		18.65	2.80	0.06	0.6	0.036	0.081	0.27	6.3	2.7	2.55	15200	0.70	0.04	4.8	9.1
555999		5.43	15.15	0.05	2.4	0.156	0.046	1.01	15.4	15.4	3.90	763	6.21	1.15	16.4	240
556000		12.65	1.41	<0.05	0.1	0.031	0.006	0.03	3.7	2.2	2.84	3300	0.42	<0.01	1.4	3.3

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CERTIFICAT D'ANALYSE VO18244251

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555981		570	3.3	8.9	<0.002	0.24	0.27	3.1	1	0.6	61.6	0.45	0.05	1.63	0.120	0.06
555982		370	2.0	5.2	<0.002	0.59	0.11	1.1	1	0.4	45.8	0.13	0.06	0.56	0.037	0.02
555983		510	2.2	6.6	0.002	0.59	0.17	1.6	2	0.4	59.7	0.37	0.08	1.22	0.062	0.03
555984		270	2.0	1.1	<0.002	1.08	0.11	0.2	3	<0.2	46.6	<0.05	0.10	0.11	0.005	<0.02
555985		420	3.0	2.8	<0.002	1.57	0.16	1.1	2	0.2	74.9	0.08	0.14	0.31	0.021	0.02
555986		70	<0.5	0.4	<0.002	<0.01	<0.05	0.2	2	<0.2	86.4	<0.05	<0.05	0.07	0.006	<0.02
555987		440	0.8	8.7	<0.002	0.32	0.16	1.4	1	0.4	13.2	0.17	<0.05	0.70	0.049	0.04
555988		340	0.8	2.9	<0.002	0.16	0.12	0.5	<1	0.2	21.9	0.06	<0.05	0.25	0.015	<0.02
555989		380	1.0	4.8	<0.002	0.28	0.12	1.0	1	0.3	31.7	0.13	<0.05	0.52	0.037	0.02
555990		440	3.3	2.0	<0.002	0.29	0.13	0.4	1	0.2	116.5	0.05	0.05	0.14	0.007	0.03
555991		260	5.4	2.0	<0.002	3.30	0.18	0.4	3	0.2	104.0	<0.05	0.27	0.12	0.008	0.03
555992		170	3.5	3.7	<0.002	1.15	0.13	0.3	2	0.2	77.2	0.06	0.09	0.11	0.006	0.03
555993		270	5.8	4.7	<0.002	1.08	0.16	0.7	2	0.3	114.0	0.14	0.13	0.42	0.021	0.03
555994		470	4.3	8.4	<0.002	0.35	0.19	1.7	1	0.5	124.0	0.35	<0.05	0.99	0.052	0.05
555995		600	2.7	4.8	<0.002	0.44	0.14	1.7	1	0.3	77.2	0.37	0.07	1.10	0.059	0.04
555996		590	2.1	12.0	<0.002	0.43	0.16	2.0	1	0.4	58.1	0.44	0.06	1.38	0.069	0.04
555997		520	1.0	17.2	<0.002	0.11	0.19	1.7	1	0.5	23.3	0.43	0.05	1.30	0.060	0.08
555998		370	1.6	13.0	<0.002	0.58	0.14	1.8	1	0.3	30.8	0.33	0.06	0.92	0.062	0.10
555999		1080	9.6	36.8	0.002	0.08	0.78	19.4	1	1.0	269	0.96	0.22	2.41	0.649	0.19
556000		80	1.4	1.9	<0.002	0.23	0.11	0.5	<1	<0.2	66.2	0.08	<0.05	0.21	0.013	0.10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244251

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555981		1.3	62	0.4	8.5	41	41.8
555982		0.5	24	0.2	5.5	20	12.4
555983		0.7	34	0.2	6.7	28	28.2
555984		0.1	6	0.2	4.0	10	2.5
555985		0.3	19	0.3	5.2	20	6.7
555986		0.1	2	0.1	2.3	4	3.6
555987		0.6	31	0.2	4.9	26	15.4
555988		0.2	10	0.1	3.9	14	5.2
555989		0.5	24	0.3	4.6	22	12.0
555990		0.2	8	0.2	5.6	12	3.3
555991		0.1	9	0.1	4.1	10	3.2
555992		0.1	9	0.1	3.4	11	2.7
555993		0.3	17	0.1	5.4	15	9.8
555994		0.6	44	0.3	8.6	24	25.6
555995		0.7	47	0.3	8.2	27	27.8
555996		0.7	46	0.4	7.9	33	33.4
555997		0.7	42	0.3	6.4	32	31.3
555998		0.7	38	0.3	5.2	28	24.7
555999		0.6	141	8.9	14.3	80	98.3
556000		0.3	18	0.1	4.3	13	5.0

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CERTIFICAT D'ANALYSE VO18244251

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 13-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244253

Projet: Kan

Bon de commande #: KANDH18-098

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18244253

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557941		4.38	0.004	0.54	1.60	16.2	20	0.22	0.14	2.90	0.16	41.4	5.0	13	0.37	186.0
557942		4.48	<0.001	0.17	6.64	55.4	110	0.90	0.02	3.00	0.28	10.40	45.2	141	1.49	87.8
557943		1.50	0.002	0.06	7.45	73.2	150	1.18	0.08	2.81	0.28	10.60	50.1	178	1.82	7.7
557944		4.77	0.007	0.15	8.18	5.9	330	2.53	0.21	0.72	0.13	54.3	23.4	94	4.47	120.0
557945		4.74	0.014	0.15	9.32	10.4	360	2.66	0.21	0.80	0.48	66.3	24.1	102	5.49	80.7
557946		4.53	0.009	0.30	9.11	1.5	390	2.53	0.32	0.46	0.42	60.9	20.1	86	5.30	92.1
557947		3.44	0.004	0.18	7.48	1.9	290	1.82	0.19	1.10	0.12	42.6	35.0	72	3.55	209
557948		3.16	0.004	0.26	6.37	81.9	170	0.76	0.05	6.32	0.52	10.65	48.2	119	1.61	143.0
557949		0.07	7.76	1.36	6.19	35.4	320	1.00	0.51	3.00	0.08	31.5	42.0	308	0.68	113.0
557950		4.55	0.004	0.15	6.53	72.7	190	0.71	0.03	6.32	0.40	11.00	46.1	119	1.72	98.5
557951		4.56	0.001	0.13	7.76	13.2	170	0.71	0.03	2.74	0.19	22.1	41.2	136	1.53	248
557952		4.00	0.003	0.13	6.46	70.5	220	0.66	0.03	5.70	0.30	8.47	49.1	121	1.82	131.0
557953		4.35	0.004	0.17	6.49	47.9	110	0.42	0.02	5.78	0.25	8.58	39.1	122	1.25	169.5
557954		4.51	0.002	0.12	6.69	46.2	40	0.32	0.01	5.15	0.20	8.29	41.4	120	0.87	120.0
557955		4.47	0.003	0.13	6.78	67.2	30	0.27	0.03	5.13	0.20	9.00	55.4	121	0.76	170.5
557956		0.36	0.005	0.02	0.15	<0.2	30	0.05	0.04	34.9	0.03	1.24	0.9	2	<0.05	7.0
557957		4.45	0.002	0.13	6.70	71.4	40	0.27	0.01	5.00	0.17	8.67	54.6	121	0.74	173.5
557958		4.04	0.001	0.05	6.77	55.5	80	0.44	0.03	5.31	0.11	7.74	48.6	130	0.88	121.0
557959		4.16	0.079	1.81	5.20	93.6	120	1.20	0.38	1.79	3.65	63.4	33.3	60	2.98	276
557960		4.80	0.053	1.30	4.69	66.6	150	0.93	0.21	1.76	2.63	60.1	15.5	53	2.57	262

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244253

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557941		23.4	5.78	0.06	0.2	0.037	0.024	0.25	24.1	18.5	2.26	2940	1.14	0.02	0.3	110.0
557942		9.08	17.40	<0.05	1.0	<0.005	0.073	1.12	3.9	67.6	5.47	612	0.28	0.02	2.2	81.0
557943		9.74	17.75	0.05	1.5	<0.005	0.076	1.52	4.2	68.4	5.16	658	0.66	0.02	2.2	118.5
557944		7.11	21.8	0.06	2.2	0.011	0.060	3.32	29.6	45.7	2.12	258	8.81	0.05	6.4	62.0
557945		7.93	24.3	0.11	2.4	0.012	0.060	4.06	34.1	46.9	2.03	296	4.36	0.06	7.2	58.2
557946		7.38	25.0	0.08	2.6	0.009	0.059	4.35	30.8	42.3	1.45	189	5.20	0.07	8.1	57.1
557947		8.34	20.1	0.08	2.1	<0.005	0.048	3.25	21.9	36.2	1.64	328	4.65	0.06	6.1	57.9
557948		8.24	15.75	<0.05	1.1	<0.005	0.074	1.95	4.1	44.2	3.80	1180	0.23	0.05	2.3	125.5
557949		5.60	15.95	0.06	2.4	0.141	0.053	1.06	16.1	15.4	4.02	761	6.33	1.19	16.5	250
557950		8.65	16.95	<0.05	1.5	<0.005	0.066	1.84	4.3	48.1	3.71	1200	0.35	0.04	2.7	112.5
557951		12.55	21.7	0.07	2.1	<0.005	0.062	1.39	9.7	69.5	4.15	640	1.19	0.03	2.7	90.9
557952		8.68	16.45	0.06	1.2	<0.005	0.066	1.85	3.1	45.1	3.82	1070	0.22	0.05	2.0	116.0
557953		8.86	16.10	<0.05	1.2	<0.005	0.075	1.36	3.1	49.4	4.19	1180	0.32	0.43	1.5	121.5
557954		8.65	16.55	<0.05	1.1	<0.005	0.065	0.90	3.0	54.6	4.46	1140	0.24	1.13	0.8	129.5
557955		9.49	17.25	<0.05	1.2	0.005	0.073	0.80	3.3	62.0	4.83	1190	0.27	0.98	0.9	135.5
557956		0.19	0.42	<0.05	0.1	<0.005	0.007	0.03	1.3	1.4	1.13	100	0.11	0.04	0.2	1.4
557957		8.75	16.30	<0.05	1.2	0.005	0.075	0.85	3.2	53.7	4.38	1160	0.28	1.21	1.1	130.0
557958		9.83	15.95	0.06	1.5	0.009	0.064	1.14	2.8	59.6	4.47	1320	0.20	0.88	1.4	127.0
557959		23.4	16.45	0.14	3.4	0.217	0.175	2.69	34.5	26.2	0.73	257	20.3	0.07	12.7	145.0
557960		20.8	14.65	0.13	3.4	0.205	0.162	2.34	33.8	22.8	1.56	804	12.50	0.08	10.3	147.0

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CERTIFICAT D'ANALYSE VO18244253

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557941		630	9.0	9.4	<0.002	8.68	1.27	1.9	4	0.2	86.3	<0.05	0.67	1.42	0.010	0.23
557942		380	2.3	40.8	<0.002	0.04	0.75	43.4	<1	0.6	135.5	0.14	<0.05	0.37	0.446	0.34
557943		350	2.7	53.6	0.002	0.01	0.53	43.9	<1	0.6	124.5	0.15	0.05	0.74	0.429	0.51
557944		190	10.9	119.0	0.017	1.01	2.55	14.5	3	1.3	37.5	0.53	0.13	9.87	0.299	0.99
557945		240	5.9	135.5	0.011	1.41	1.55	17.3	2	1.4	41.9	0.56	0.14	10.55	0.350	1.30
557946		160	10.9	146.0	0.015	2.23	2.94	12.3	3	1.6	31.1	0.67	0.13	12.25	0.287	1.54
557947		140	7.1	110.5	0.008	2.30	1.58	11.0	4	1.1	43.7	0.48	0.12	9.29	0.240	1.21
557948		320	3.4	63.8	0.002	0.12	0.35	39.1	<1	0.6	161.0	0.15	0.05	0.28	0.538	0.89
557949		1090	9.9	39.6	<0.002	0.08	0.83	20.4	1	1.0	277	0.98	0.25	2.44	0.685	0.19
557950		330	3.1	63.0	0.002	0.06	0.43	38.2	<1	0.5	143.5	0.18	<0.05	0.71	0.532	0.87
557951		350	3.2	43.0	0.004	0.60	0.32	38.7	2	0.5	67.0	0.19	0.06	2.64	0.516	0.64
557952		340	1.9	62.5	0.002	0.02	0.38	40.2	<1	0.6	136.5	0.14	<0.05	0.23	0.480	0.93
557953		340	2.3	45.6	0.003	0.09	0.46	39.9	<1	0.5	145.5	0.11	<0.05	0.22	0.284	0.78
557954		340	2.2	32.0	<0.002	0.06	0.40	41.4	<1	0.2	147.5	0.06	<0.05	0.24	0.206	0.60
557955		350	2.1	28.3	0.003	0.07	0.36	42.5	1	0.3	142.5	0.07	<0.05	0.22	0.224	0.54
557956		60	0.7	0.8	<0.002	<0.01	0.07	0.5	1	<0.2	90.4	<0.05	<0.05	0.08	0.009	0.02
557957		340	1.8	30.1	0.002	0.08	0.57	40.2	1	0.4	146.5	0.08	0.05	0.22	0.221	0.61
557958		360	2.2	36.6	<0.002	0.36	0.68	43.2	1	0.6	167.0	0.09	0.08	0.21	0.207	0.83
557959		360	67.1	77.7	0.029	>10.0	14.85	8.5	7	3.9	32.5	0.80	1.28	6.42	0.161	2.80
557960		260	42.8	66.8	0.014	>10.0	10.50	8.9	8	3.2	98.9	0.73	0.82	5.76	0.135	2.22

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CERTIFICAT D'ANALYSE VO18244253

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557941		0.5	44	0.2	4.9	102	10.1
557942		0.1	336	1.5	5.0	176	34.2
557943		0.4	340	1.2	4.9	278	51.6
557944		5.4	361	1.2	6.3	195	78.1
557945		4.6	296	1.2	6.1	241	85.5
557946		5.3	268	1.3	6.5	172	90.5
557947		4.6	222	1.0	6.0	137	74.8
557948		0.1	317	0.7	5.5	113	45.3
557949		0.6	146	9.2	14.8	85	102.5
557950		0.4	318	0.6	6.3	128	54.2
557951		1.5	345	0.3	5.9	200	74.5
557952		0.1	325	0.4	5.3	121	46.7
557953		0.1	316	0.2	4.9	102	38.2
557954		0.1	316	0.1	4.4	96	36.0
557955		<0.1	326	0.1	4.8	108	47.8
557956		0.1	4	0.1	2.3	46	2.2
557957		0.1	325	0.1	4.1	104	40.7
557958		0.1	322	0.5	4.3	159	45.8
557959		12.1	185	1.5	10.6	1120	128.5
557960		8.0	144	1.2	9.8	827	121.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244253

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 17-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244254

Projet: Kan

Bon de commande #: KANDH18-099

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

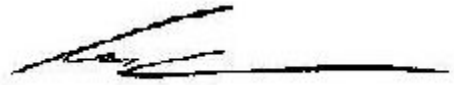
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244254

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557961		4.74	0.065	1.05	4.92	75.0	150	1.31	0.18	0.39	3.46	62.7	24.4	67	2.72	203
557962		5.48	0.124	1.64	5.08	139.0	140	1.42	0.45	0.43	3.07	46.9	34.3	77	2.68	123.0
557963		4.55	0.020	0.72	6.12	19.8	200	1.61	0.12	0.99	2.32	50.3	12.4	73	2.87	230
557964		5.04	0.008	0.46	9.63	2.8	280	2.32	0.08	0.38	2.73	69.3	9.1	100	4.80	190.0
557965		4.47	<0.001	0.42	9.75	11.2	300	3.39	0.07	0.10	3.26	63.2	14.4	109	4.99	180.0
557966		4.38	0.044	1.48	2.58	146.0	90	1.13	0.27	1.92	8.98	38.7	22.6	50	2.16	287
557967		4.75	0.084	2.36	2.12	151.5	80	1.06	0.42	1.71	20.6	50.1	25.3	56	2.59	288
557968		2.95	0.083	2.30	1.85	263	70	0.89	0.41	1.76	18.90	45.4	20.5	49	2.22	305
557969		0.07	0.682	0.19	7.41	18.8	340	1.41	0.13	4.64	0.20	49.4	41.8	195	1.89	54.6
557970		3.78	0.017	0.83	5.91	14.2	230	2.21	0.19	1.16	9.42	50.2	22.1	73	3.04	230
557971		3.40	0.006	0.47	9.01	4.3	350	3.10	0.20	0.63	1.75	79.2	9.8	119	3.69	159.0
557972		3.33	0.002	0.14	4.43	4.6	210	1.11	0.03	0.81	0.10	21.5	12.4	83	1.21	51.6
557973		4.55	0.001	0.11	6.21	72.7	40	0.45	0.01	2.33	0.10	8.28	44.4	144	0.45	20.6
557974		4.57	0.002	0.06	6.24	44.4	70	0.68	0.01	2.77	0.13	8.21	40.9	128	0.55	26.8
557975		4.55	<0.001	0.02	6.66	47.1	120	0.72	0.01	1.83	0.11	15.95	39.2	142	0.77	9.0
557976		0.21	0.001	<0.01	0.09	0.4	20	0.05	0.01	34.1	<0.02	0.86	0.5	4	<0.05	1.4
557977		4.49	0.003	0.07	8.55	56.6	400	1.49	0.02	1.17	0.11	20.0	46.3	165	2.15	69.1
557978		4.98	<0.001	0.05	8.70	46.6	430	1.66	0.02	0.90	0.10	27.8	41.7	153	2.31	83.8
557979		2.21	<0.001	0.01	7.46	74.6	160	1.02	<0.01	1.01	0.07	11.10	50.8	166	0.89	2.0
557980		4.36	0.002	0.02	3.77	48.5	10	0.28	<0.01	1.00	0.04	5.59	31.7	110	0.32	1.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244254

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557961		17.50	15.20	0.14	2.8	0.204	0.176	2.59	34.5	27.4	0.72	279	13.65	0.07	9.7	140.0
557962		19.05	14.95	0.15	2.6	0.376	0.145	2.67	25.2	25.9	0.71	377	15.80	0.07	7.5	122.5
557963		15.95	15.65	0.13	2.4	0.153	0.091	3.21	29.2	24.4	0.85	791	14.10	0.13	5.5	140.5
557964		11.05	25.5	0.16	4.9	0.073	0.116	5.00	40.3	38.1	0.79	300	11.35	0.39	11.1	125.5
557965		11.25	24.9	0.16	4.3	0.070	0.086	5.25	35.7	43.8	0.75	212	11.70	0.14	9.1	131.5
557966		15.40	6.94	0.15	1.3	0.297	0.060	1.37	24.7	11.3	0.94	2330	111.5	0.03	3.8	217
557967		16.35	6.69	0.18	1.7	0.517	0.111	1.14	33.0	10.0	1.03	2530	171.0	0.02	4.4	268
557968		16.60	5.85	0.16	1.8	0.530	0.104	1.00	29.5	8.6	0.96	2450	153.0	0.02	3.6	276
557969		7.62	19.45	0.09	3.8	0.016	0.061	0.92	22.6	13.6	3.02	974	2.45	1.77	19.0	145.5
557970		14.25	14.65	0.15	2.1	0.185	0.077	3.14	29.9	23.3	0.89	986	41.9	0.07	5.1	158.5
557971		10.45	24.3	0.16	5.8	0.053	0.099	4.38	45.5	34.9	0.84	414	13.65	0.81	14.2	114.0
557972		6.75	11.10	0.08	1.4	0.017	0.038	1.76	11.0	24.1	1.47	626	4.10	0.18	2.2	45.4
557973		10.40	16.05	0.08	1.6	<0.005	0.048	0.41	3.2	64.4	4.32	1530	0.34	1.24	1.7	106.5
557974		9.84	14.60	0.06	1.4	<0.005	0.044	0.56	3.2	49.6	3.70	1570	0.34	1.77	1.2	101.5
557975		10.90	15.75	0.07	1.8	<0.005	0.028	0.75	7.0	53.5	3.75	1800	1.53	1.09	2.1	98.5
557976		0.22	0.28	0.07	0.1	<0.005	0.005	0.01	1.0	1.3	1.54	104	0.09	0.04	0.1	1.0
557977		12.10	20.1	0.08	2.1	0.005	0.070	2.33	8.6	59.1	3.29	720	1.20	0.16	4.0	98.3
557978		11.55	21.0	0.09	1.9	<0.005	0.066	2.35	14.0	56.8	2.97	622	1.31	0.54	4.5	99.0
557979		11.70	19.65	0.07	2.0	<0.005	0.047	0.97	4.5	69.1	4.02	1400	0.75	0.74	9.8	102.0
557980		8.49	11.40	0.06	1.1	<0.005	0.025	0.08	2.2	47.8	2.95	1490	0.26	0.13	7.3	79.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244254

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557961		520	47.5	70.3	0.018	>10.0	12.10	6.5	5	3.0	29.8	0.74	0.83	5.86	0.144	2.57
557962		250	86.6	68.9	0.019	>10.0	20.6	7.8	6	3.3	25.4	0.47	1.77	4.53	0.164	3.01
557963		260	17.9	78.5	0.017	9.28	5.16	9.9	6	2.0	47.2	0.30	0.28	4.04	0.188	2.68
557964		230	13.0	122.5	0.015	6.12	4.67	19.0	4	2.5	33.3	0.63	0.16	5.69	0.366	4.29
557965		260	18.9	125.0	0.015	6.51	5.41	19.1	9	2.2	22.0	0.52	0.17	5.21	0.363	4.32
557966		2160	74.9	39.9	0.069	9.47	17.85	4.8	16	0.9	68.8	0.20	0.41	2.62	0.069	1.32
557967		2650	123.0	38.8	0.111	9.40	30.7	4.5	18	1.1	66.5	0.27	0.64	3.43	0.057	1.33
557968		2680	118.5	33.8	0.103	9.71	29.0	3.9	19	1.0	66.8	0.25	0.70	3.10	0.049	1.22
557969		1150	13.4	38.4	<0.002	0.04	1.01	19.2	1	1.7	358	1.07	0.05	4.72	0.931	0.20
557970		520	40.2	82.7	0.046	8.28	9.45	10.0	11	1.5	44.6	0.27	0.29	4.08	0.160	2.56
557971		450	21.9	119.5	0.017	5.58	4.57	22.3	5	2.9	40.7	0.71	0.30	6.42	0.327	3.17
557972		270	3.3	46.9	0.008	2.37	0.44	14.4	1	1.1	32.9	0.14	0.07	2.83	0.095	0.88
557973		580	1.5	12.2	0.003	0.19	0.25	39.2	1	0.2	91.2	0.07	<0.05	0.24	0.169	0.26
557974		350	1.4	17.4	0.002	1.03	0.23	36.7	1	0.4	113.5	0.06	0.08	0.32	0.151	0.30
557975		790	1.6	23.3	0.002	0.38	0.32	29.5	<1	0.4	84.3	0.15	<0.05	2.03	0.303	0.35
557976		60	<0.5	0.5	<0.002	<0.01	<0.05	0.3	1	<0.2	80.4	<0.05	<0.05	0.06	0.007	<0.02
557977		400	2.5	69.2	0.005	0.19	0.51	42.5	1	0.8	43.3	0.29	<0.05	2.17	0.712	0.92
557978		390	2.2	75.7	0.006	0.28	0.56	38.0	1	0.8	44.1	0.32	0.05	3.72	0.628	1.07
557979		590	1.4	14.0	0.002	0.02	0.30	38.6	<1	0.7	43.1	0.26	<0.05	1.01	0.599	0.43
557980		1070	1.1	2.8	<0.002	0.02	0.21	24.2	<1	<0.2	40.8	0.19	<0.05	0.15	0.339	0.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244254

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557961		9.2	171	1.3	11.0	1070	99.2
557962		9.2	176	2.2	8.8	919	93.2
557963		10.3	185	3.7	8.1	615	85.0
557964		12.6	182	3.7	13.1	595	168.0
557965		12.3	200	3.4	12.2	601	154.0
557966		39.5	931	2.7	21.3	1550	50.1
557967		64.2	1340	3.2	26.3	3460	65.4
557968		56.0	1260	2.7	25.4	3220	67.3
557969		1.1	153	2.0	19.8	139	141.0
557970		21.9	444	2.5	9.9	1620	77.5
557971		14.1	183	2.7	13.7	261	211
557972		2.5	194	0.9	3.3	118	45.9
557973		0.2	312	1.0	3.8	207	51.0
557974		0.2	273	0.4	3.2	238	42.3
557975		1.3	273	0.4	5.0	275	55.9
557976		0.2	2	<0.1	1.9	4	1.6
557977		1.2	406	1.0	4.7	203	65.0
557978		1.5	369	1.1	5.7	186	64.7
557979		0.7	357	1.2	3.7	251	64.1
557980		0.2	202	0.4	4.0	161	38.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244254

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 9-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244255

Projet: Kan

Bon de commande #: KANDH18-PRIORITY-039

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 9-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244255

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
555521		2.25	<0.001	0.21	6.19	53.4	160	0.88	0.01	4.55	0.39	9.64	43.7	120	1.53	111.0
555522		2.11	<0.001	0.14	4.62	2.9	220	2.25	0.09	0.47	0.05	53.5	9.6	73	1.83	44.5
555523		2.08	<0.001	0.16	6.22	0.5	280	2.91	0.08	0.12	0.05	61.0	8.3	108	1.98	43.3
555524		1.66	<0.001	0.31	5.66	1.5	180	1.96	0.07	0.20	0.06	63.2	14.0	102	1.29	94.0
555525		2.63	<0.001	0.02	3.85	19.5	100	0.49	0.02	8.14	0.18	7.72	22.3	69	0.80	32.8
555526		0.40	0.003	0.01	0.17	<0.2	20	0.06	0.04	32.8	<0.02	1.51	0.9	4	<0.05	2.0
555527		2.26	<0.001	0.07	1.37	<0.2	90	0.45	0.02	5.89	0.13	9.82	3.8	30	0.67	27.5
555528		2.35	<0.001	0.06	0.38	<0.2	<10	0.14	0.02	8.31	0.07	11.70	2.6	9	<0.05	10.8
555529		2.45	<0.001	0.34	0.79	5.8	10	0.13	0.05	7.37	0.16	15.70	2.3	15	0.10	96.8
555530		2.51	0.001	0.72	4.65	0.8	150	1.15	0.25	2.31	0.21	52.3	5.8	72	1.74	207
555531		2.24	0.001	0.74	5.49	1.0	160	1.69	0.39	0.17	0.13	44.9	2.1	60	3.28	187.5
555532		3.32	<0.001	0.45	3.30	0.8	70	0.58	0.05	4.57	0.31	24.8	2.8	43	0.86	210
555533		1.82	0.031	1.51	1.01	338	30	0.50	0.31	4.42	5.39	37.3	24.2	28	1.09	298
555534		3.01	0.039	1.97	1.53	57.4	60	0.76	0.43	3.70	7.79	41.8	22.2	33	1.52	261
555535		3.15	0.636	0.10	1.47	1.7	30	0.25	0.04	3.29	0.32	11.80	12.5	9	0.44	42.4
555536		2.11	0.038	0.47	7.33	13.3	270	2.94	0.42	0.18	0.19	72.8	12.0	80	3.64	171.0
555537		2.71	0.008	0.24	2.12	16.4	40	0.39	0.16	3.43	0.66	24.0	11.3	44	0.66	109.0
555538		2.54	0.003	0.20	6.15	22.7	250	1.92	0.16	0.22	0.90	52.0	14.9	81	2.26	58.8
555539		0.07	0.668	0.19	7.55	20.4	340	1.45	0.16	4.24	0.20	52.3	43.2	177	1.99	55.0
555540		2.36	0.007	0.37	4.00	25.2	130	1.12	0.16	0.64	0.66	37.6	33.1	47	1.47	137.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 9-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244255

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
555521		8.77	15.40	0.09	1.2	<0.005	0.073	1.49	3.5	58.3	5.03	957	0.25	0.02	2.3	73.7
555522		8.36	15.85	0.10	1.7	0.020	0.047	1.85	27.5	28.0	1.50	957	0.97	0.05	7.8	33.5
555523		9.30	21.2	0.13	3.1	0.022	0.059	2.39	26.6	48.7	2.22	722	2.03	0.06	10.8	34.5
555524		12.10	19.00	0.14	2.5	0.023	0.053	1.72	32.1	48.7	2.60	616	2.05	0.05	4.3	46.3
555525		7.30	8.47	0.07	0.9	0.014	0.065	0.73	2.7	24.8	4.18	2360	0.17	1.11	1.2	63.4
555526		0.23	0.46	0.07	0.1	<0.005	0.005	0.04	1.4	1.5	1.20	111	0.08	0.05	0.2	1.6
555527		10.30	5.18	0.06	0.5	0.009	0.026	0.62	5.2	6.3	3.10	3080	0.82	0.04	1.1	10.7
555528		14.60	3.38	0.08	0.2	<0.005	0.010	0.01	6.7	4.7	4.18	4790	0.58	0.12	1.1	3.3
555529		13.25	3.49	0.07	0.3	0.015	0.013	0.10	8.4	10.8	3.52	4760	0.45	0.05	0.7	31.7
555530		16.35	16.15	0.14	2.5	0.023	0.053	1.74	29.6	32.6	2.70	1820	17.40	0.08	4.7	80.6
555531		18.80	17.00	0.15	2.0	0.025	0.050	2.48	24.5	31.7	1.33	297	7.62	0.08	2.6	121.0
555532		15.80	10.50	0.09	0.9	0.019	0.040	0.88	13.3	36.6	4.15	3590	3.00	0.03	2.1	68.8
555533		17.75	3.47	0.17	0.6	0.211	0.041	0.52	23.8	5.6	2.42	6690	91.8	0.01	1.3	246
555534		16.45	4.71	0.16	0.9	0.213	0.058	0.81	26.5	7.7	1.71	4460	108.5	0.02	2.1	216
555535		22.2	5.77	0.10	0.2	0.007	0.029	0.28	6.7	10.3	3.66	6120	0.44	0.01	0.8	19.5
555536		17.80	22.1	0.16	3.6	0.018	0.110	3.51	40.5	29.3	1.37	1480	18.45	0.48	8.3	78.6
555537		17.20	6.97	0.10	1.0	0.024	0.039	0.51	13.3	12.7	2.59	7440	6.72	0.02	3.5	52.3
555538		14.15	17.30	0.12	2.0	0.022	0.070	2.40	27.3	29.8	2.11	2240	4.57	0.22	5.1	46.8
555539		7.46	19.75	0.11	3.8	0.023	0.074	0.92	23.5	14.0	2.94	982	2.45	1.75	20.9	147.0
555540		18.10	13.85	0.12	1.5	0.018	0.064	1.26	21.3	24.4	1.79	1460	8.07	0.08	3.6	70.4

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QUEBEC QC G1K 7R1

Finalisée date: 9-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244255

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
555521		360	3.7	48.3	0.002	0.02	0.51	42.2	1	0.6	213	0.15	<0.05	0.21	0.441	0.41
555522		230	5.7	65.0	0.006	2.64	0.65	8.5	1	2.9	27.8	0.33	0.25	6.13	0.102	1.09
555523		480	7.4	50.1	0.009	2.66	0.92	13.7	1	3.5	19.0	0.57	0.21	8.24	0.177	1.44
555524		340	7.0	43.3	0.005	4.04	0.71	10.6	2	2.6	18.9	0.23	0.41	9.35	0.115	1.11
555525		190	2.0	21.5	<0.002	0.47	0.33	26.9	<1	0.4	410	0.06	0.07	0.22	0.169	0.44
555526		70	0.5	1.2	<0.002	0.01	0.07	0.8	<1	<0.2	91.8	<0.05	<0.05	0.12	0.010	0.02
555527		270	2.5	19.0	0.002	1.18	0.18	6.8	1	0.3	230	0.06	0.14	0.68	0.043	0.40
555528		90	1.6	0.3	<0.002	0.79	0.06	1.0	<1	<0.2	208	0.07	0.10	0.40	0.014	<0.02
555529		120	3.9	3.0	<0.002	2.89	0.59	1.5	1	<0.2	249	0.05	0.31	0.99	0.010	0.08
555530		200	13.8	55.5	0.018	6.85	3.28	11.1	7	1.6	140.0	0.23	0.74	4.06	0.116	1.35
555531		160	19.3	82.1	0.011	8.43	5.09	9.6	8	1.5	22.6	0.12	1.05	6.60	0.099	1.74
555532		210	6.4	25.9	0.004	5.18	1.05	7.8	4	0.6	245	0.15	0.25	2.44	0.072	0.75
555533		4790	70.9	19.0	0.048	10.00	17.00	3.0	19	0.5	174.5	0.07	0.48	1.46	0.025	0.61
555534		2920	92.8	27.5	0.054	9.66	22.8	4.2	16	0.7	150.5	0.15	0.59	2.33	0.043	0.90
555535		160	2.6	9.4	<0.002	2.02	0.21	2.5	1	0.3	143.5	0.06	0.17	0.75	0.026	0.18
555536		290	16.3	117.0	0.022	7.22	3.13	15.1	4	2.8	31.7	0.41	0.69	7.99	0.169	1.91
555537		410	6.3	17.3	0.008	4.60	1.08	4.6	2	0.3	128.5	0.21	0.30	2.27	0.076	0.35
555538		370	9.1	78.1	0.007	3.57	1.08	11.7	2	1.4	22.5	0.26	0.22	5.94	0.137	1.23
555539		1190	13.9	42.1	<0.002	0.03	1.02	20.4	<1	1.8	362	1.15	0.06	5.21	0.959	0.19
555540		600	7.0	42.4	0.009	6.60	1.00	9.3	5	0.9	33.1	0.17	0.50	2.39	0.080	0.69

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À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 9-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244255

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
555521		0.1	317	1.0	5.9	152	40.0
555522		4.6	183	0.8	7.2	134	66.0
555523		8.4	232	1.4	8.5	201	120.5
555524		5.4	154	1.2	7.1	220	93.2
555525		0.2	159	0.4	6.7	92	32.4
555526		0.2	5	0.2	2.3	6	3.2
555527		0.6	78	0.3	6.0	32	18.5
555528		0.5	38	0.1	6.7	28	10.4
555529		0.6	32	0.1	6.5	67	13.2
555530		6.5	118	1.0	7.6	109	102.5
555531		4.6	151	1.0	5.2	73	73.3
555532		1.7	113	0.7	6.8	156	38.9
555533		35.1	724	1.5	24.7	827	29.8
555534		41.7	835	2.0	22.4	1200	38.8
555535		0.3	44	0.2	5.2	134	8.8
555536		12.2	201	1.1	9.0	92	138.5
555537		3.7	88	0.2	5.7	236	41.5
555538		5.9	164	0.7	7.2	326	77.2
555539		1.2	151	2.1	21.0	138	155.5
555540		5.1	117	0.5	6.9	261	66.8

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CERTIFICAT D'ANALYSE VO18244255

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	CRU-31	LOG-21	LOG-23	PUL-31
	PUL-QC	SPL-21	WEI-21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 13-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244258

Projet: Kan

Bon de commande #: KANDH18-097

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18244258

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557921		4.94	0.005	0.22	7.66	2.4	370	2.40	0.21	0.31	0.24	59.1	21.6	99	8.02	55.9
557922		4.67	0.003	0.28	8.10	<0.2	360	2.72	0.26	0.22	0.14	64.0	26.1	104	6.11	60.9
557923		4.33	<0.001	0.12	8.74	0.2	450	3.21	0.11	0.07	0.27	51.6	10.8	92	5.48	31.8
557924		4.54	<0.001	0.17	7.80	0.7	320	1.77	0.15	0.13	0.42	51.9	15.8	82	3.84	66.2
557925		5.05	0.001	0.27	7.96	6.7	390	2.00	0.28	0.19	0.71	51.5	18.9	81	4.48	93.9
557926		3.83	<0.001	0.13	8.31	29.2	370	1.94	0.12	0.20	0.58	57.5	11.9	85	4.28	52.1
557927		4.61	0.001	0.19	8.31	109.5	420	2.30	0.18	0.12	0.88	38.7	16.4	92	4.98	67.2
557928		4.95	0.001	0.38	6.02	0.2	180	0.87	0.22	0.69	0.79	50.1	25.3	63	2.25	164.5
557929		0.07	2.50	0.46	6.95	11.9	320	1.25	0.17	4.82	0.09	45.1	51.7	316	0.69	80.7
557930		4.91	0.001	0.32	6.82	8.1	230	1.08	0.18	0.51	0.87	57.9	23.0	73	2.99	139.0
557931		4.56	0.002	0.31	9.09	0.6	440	2.21	0.26	0.07	0.88	52.4	15.4	87	5.57	78.9
557932		4.34	<0.001	0.28	8.47	2.5	390	2.07	0.18	0.08	1.42	52.5	15.0	82	5.16	73.8
557933		4.51	0.001	0.28	8.45	79.2	380	1.84	0.18	0.14	2.05	48.3	16.9	83	4.86	84.4
557934		4.36	0.003	0.35	8.57	7.0	440	2.03	0.26	0.22	3.63	46.3	17.6	86	5.60	72.6
557935		4.59	0.002	0.33	8.89	2.2	480	2.11	0.26	0.20	2.54	56.0	15.2	85	6.01	60.6
557936		0.30	<0.001	0.01	0.13	<0.2	20	0.08	0.01	34.2	0.02	1.07	0.8	2	0.06	1.2
557937		4.56	0.005	0.31	8.57	1.9	470	1.98	0.26	0.50	1.11	51.2	15.9	86	5.45	72.3
557938		4.86	0.002	0.23	8.44	<0.2	460	1.84	0.17	0.26	0.09	47.2	15.8	84	4.92	91.8
557939		4.52	<0.001	0.07	8.04	7.5	360	1.57	0.03	1.32	0.16	47.7	16.0	91	3.77	55.0
557940		4.61	<0.001	0.09	6.33	66.7	200	0.94	0.01	5.44	0.35	8.88	43.4	127	1.84	35.3

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Projet: Kan

CERTIFICAT D'ANALYSE VO18244258

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557921		10.80	20.2	0.12	2.2	0.018	0.055	4.11	30.5	40.3	1.41	1750	1.70	0.03	10.6	47.6
557922		10.85	22.0	0.15	2.2	0.014	0.055	4.08	33.3	47.2	1.36	1260	1.97	0.03	11.8	54.0
557923		5.86	22.0	0.17	2.4	0.007	0.055	4.73	27.1	49.4	0.98	614	1.83	0.04	8.1	32.8
557924		10.35	20.4	0.14	2.0	0.016	0.044	3.43	28.6	40.4	1.43	1580	8.33	0.03	6.9	39.9
557925		8.81	20.4	0.17	2.2	0.016	0.051	4.30	25.9	39.1	1.09	1320	27.0	0.04	7.3	54.8
557926		7.87	22.2	0.16	2.2	0.010	0.050	4.04	30.8	42.1	1.26	956	2.08	0.04	7.3	30.6
557927		8.00	23.1	0.15	2.4	0.008	0.058	4.58	18.2	43.2	1.08	1280	5.57	0.05	7.9	42.5
557928		17.15	16.00	0.15	1.5	0.016	0.034	1.96	24.3	30.1	1.82	1940	5.45	0.02	4.9	61.2
557929		7.56	18.30	0.14	3.7	0.044	0.059	1.00	22.5	9.9	5.57	1060	3.24	2.01	30.3	361
557930		15.70	17.70	0.14	1.8	0.017	0.035	2.55	27.7	32.7	1.79	1530	2.96	0.03	5.7	55.3
557931		7.37	23.1	0.17	2.3	0.006	0.055	4.92	27.5	44.2	1.00	294	2.37	0.05	7.8	50.5
557932		8.47	21.9	0.15	2.3	0.009	0.054	4.32	28.0	41.9	1.21	588	1.84	0.04	7.4	45.2
557933		9.21	21.5	0.14	2.4	0.015	0.050	4.14	24.5	42.4	1.33	502	4.34	0.04	7.4	51.1
557934		8.12	22.8	0.17	2.7	0.019	0.056	4.62	22.7	43.4	1.08	438	4.78	0.05	7.8	58.9
557935		7.07	23.3	0.18	2.7	0.012	0.058	4.70	28.0	44.4	1.05	326	4.54	0.06	8.4	52.1
557936		0.17	0.46	0.10	0.1	<0.005	<0.005	0.03	1.2	1.6	1.54	99	0.11	0.06	0.2	0.5
557937		7.49	22.6	0.13	2.6	0.008	0.057	4.49	25.3	39.1	1.15	343	5.22	0.06	7.9	50.0
557938		7.09	22.5	0.12	2.5	0.006	0.054	4.13	23.0	39.0	1.25	229	5.29	0.05	7.2	53.0
557939		7.01	20.7	0.13	2.3	0.010	0.053	3.30	24.7	43.8	2.22	587	4.02	0.04	6.2	52.2
557940		8.81	15.65	0.09	1.4	<0.005	0.059	1.89	3.3	45.5	4.60	1400	0.26	0.03	2.7	76.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244258

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557921		230	12.1	196.0	0.009	2.23	2.15	12.4	3	1.4	25.6	0.81	0.11	8.62	0.323	2.05
557922		220	13.6	181.0	0.006	2.60	2.44	13.7	2	1.6	21.7	0.83	0.13	9.03	0.338	1.52
557923		180	6.7	187.0	0.004	1.09	1.66	10.3	1	2.5	13.0	0.65	0.07	10.40	0.273	1.41
557924		200	6.8	140.5	0.005	1.43	1.49	10.7	2	1.2	16.0	0.56	0.13	9.28	0.236	0.91
557925		260	11.9	162.5	0.008	2.11	2.17	9.7	2	1.4	21.1	0.62	0.18	8.68	0.254	1.15
557926		140	6.1	160.0	0.005	1.24	1.30	10.5	2	1.4	22.5	0.63	0.06	9.72	0.250	1.07
557927		150	9.3	150.0	0.010	1.75	1.72	10.9	3	1.6	17.8	0.66	0.14	7.56	0.278	1.31
557928		910	10.3	78.3	0.008	4.01	1.53	8.3	5	0.7	45.6	0.39	0.17	6.71	0.178	0.62
557929		1870	5.0	32.9	<0.002	0.04	0.36	20.2	1	1.3	490	1.68	0.09	2.81	1.050	0.08
557930		1070	9.0	97.3	0.012	3.72	1.35	9.3	4	0.9	41.9	0.47	0.17	7.71	0.213	0.76
557931		150	11.6	184.5	0.012	2.35	2.67	11.5	3	1.6	14.4	0.63	0.17	9.58	0.281	1.37
557932		190	9.5	168.5	0.010	2.45	2.35	11.9	3	1.5	14.7	0.63	0.12	9.46	0.264	1.28
557933		210	10.7	148.5	0.013	2.70	2.28	11.9	3	1.5	18.5	0.66	0.14	9.02	0.264	1.21
557934		140	16.0	157.5	0.016	2.92	3.14	11.5	3	1.6	24.4	0.64	0.14	9.17	0.283	1.41
557935		160	14.4	165.0	0.011	2.49	3.32	11.5	3	1.7	25.5	0.67	0.10	10.90	0.285	1.49
557936		60	<0.5	1.2	<0.002	<0.01	<0.05	0.2	<1	<0.2	84.4	<0.05	<0.05	0.17	0.006	0.02
557937		140	14.9	146.0	0.014	2.55	3.29	10.7	3	1.6	37.6	0.65	0.12	10.05	0.279	1.49
557938		150	10.3	139.5	0.011	2.01	2.65	11.2	3	1.4	24.8	0.61	0.11	9.25	0.270	1.33
557939		180	4.6	123.5	0.009	0.72	0.58	15.4	2	1.1	60.7	0.52	<0.05	8.61	0.318	0.92
557940		350	3.6	68.6	0.002	0.08	0.28	40.6	<1	0.6	232	0.17	<0.05	0.24	0.588	0.55

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QUEBEC QC G1K 7R1

Finalisée date: 13-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244258

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557921		4.6	179	2.0	6.9	189	78.3
557922		5.3	203	2.1	7.5	168	80.3
557923		2.6	129	2.5	5.3	111	84.6
557924		2.0	106	1.4	5.2	253	71.7
557925		2.9	140	1.6	5.5	187	75.1
557926		2.2	107	1.5	5.2	218	75.8
557927		2.8	178	1.7	4.7	182	83.3
557928		2.1	121	0.6	6.9	359	54.2
557929		0.7	149	3.5	21.7	105	153.0
557930		2.5	142	0.7	7.8	375	63.6
557931		3.2	219	1.5	5.3	157	81.9
557932		2.9	186	1.3	5.7	236	79.2
557933		3.6	215	1.2	5.5	300	81.8
557934		5.0	275	1.4	5.7	336	92.1
557935		5.6	271	1.5	6.1	246	94.7
557936		0.2	1	0.1	2.3	4	2.6
557937		5.5	263	1.4	5.6	167	90.3
557938		5.7	272	1.4	5.5	135	86.3
557939		4.2	252	1.1	6.3	210	82.1
557940		0.1	333	0.9	5.6	195	46.9

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CERTIFICAT D'ANALYSE VO18244258

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 19-OCT-2018
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CERTIFICAT VO18244260

Projet: Kan

Bon de commande #: KANDH18-100

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

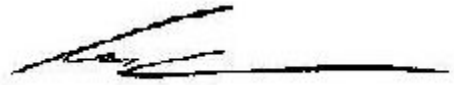
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO18244260

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557981		4.41	0.017	0.06	6.24	56.7	80	0.60	0.04	0.24	0.04	12.15	40.2	151	0.75	21.5
557982		1.74	0.023	0.15	8.35	6.7	490	2.74	0.25	0.12	0.08	62.8	15.5	90	4.13	56.2
557983		2.73	0.007	0.05	6.77	55.6	180	1.05	0.02	3.97	0.25	19.85	27.0	116	1.32	31.5
557984		2.16	0.065	0.08	0.12	38.5	10	0.18	0.03	1.15	0.06	9.45	2.5	25	0.08	7.0
557985		2.08	0.002	0.02	0.09	4.5	10	0.13	0.01	3.07	0.05	6.77	1.9	9	0.07	2.3
557986		2.61	0.007	0.03	0.31	0.5	20	0.42	0.02	3.34	0.05	11.55	3.7	11	0.31	5.3
557987		2.32	0.055	0.02	0.45	0.3	20	0.50	0.02	2.14	0.04	12.65	5.3	14	0.91	4.9
557988		2.61	0.042	0.02	0.47	1.0	20	0.71	0.03	2.33	0.03	15.65	6.3	12	0.88	5.0
557989		0.07	2.50	0.47	7.07	12.3	330	1.18	0.17	5.10	0.09	45.0	50.7	309	0.65	81.0
557990		2.45	0.001	0.01	0.23	1.0	10	0.62	0.01	1.69	<0.02	9.57	4.0	11	0.76	2.9
557991		2.26	<0.001	0.01	0.19	1.6	10	0.80	0.01	2.46	<0.02	11.50	2.7	8	0.17	2.6
557992		2.16	0.001	0.03	0.32	0.8	<10	0.69	0.01	2.88	<0.02	12.00	4.6	10	0.06	4.3
557993		2.76	0.003	0.04	0.63	0.5	10	1.20	0.04	3.03	<0.02	19.55	9.6	14	0.33	8.0
557994		2.11	0.004	0.13	0.50	1.7	<10	1.26	0.04	1.95	<0.02	13.50	7.9	19	0.11	7.9
557995		2.53	0.001	0.09	0.45	1.2	10	0.69	0.03	2.27	0.02	11.85	4.7	11	0.08	5.9
557996		0.28	0.003	0.01	0.07	0.5	20	0.05	0.01	34.4	0.02	1.07	0.5	2	<0.05	2.3
557997		2.53	0.136	0.02	0.35	2.7	<10	1.42	0.02	1.92	0.03	10.95	4.4	10	<0.05	3.9
557998		2.39	0.001	0.03	0.23	0.6	<10	1.14	0.02	1.90	0.02	10.75	3.7	8	0.05	4.1
557999		2.15	<0.001	0.03	0.06	2.2	10	0.39	0.01	2.18	<0.02	6.32	1.7	11	0.13	2.8
558000		2.37	<0.001	0.02	0.07	7.2	<10	0.32	0.01	2.15	<0.02	6.65	1.5	11	0.06	1.6

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Projet: Kan

CERTIFICAT D'ANALYSE VO18244260

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557981		15.80	21.0	0.06	2.0	<0.005	0.043	0.59	5.3	60.6	3.88	1660	1.10	0.03	13.4	90.7
557982		8.17	22.1	0.08	2.6	0.006	0.060	4.15	32.2	29.8	1.20	637	3.52	0.08	11.7	52.4
557983		9.72	15.85	0.06	1.4	0.005	0.054	1.50	9.5	37.9	3.70	1720	1.55	1.45	2.6	85.4
557984		17.10	0.66	<0.05	0.1	<0.005	0.005	0.05	5.6	1.1	2.69	4400	0.55	0.01	0.6	5.1
557985		13.85	0.58	<0.05	<0.1	<0.005	<0.005	0.04	3.9	0.9	2.63	3540	0.46	0.01	0.4	3.4
557986		22.8	2.63	0.05	0.2	<0.005	0.009	0.06	6.9	2.7	3.22	5420	0.72	0.01	2.3	5.1
557987		28.3	2.32	0.05	0.2	<0.005	0.009	0.05	7.8	2.5	3.17	5970	2.37	0.01	2.1	7.0
557988		25.0	2.62	0.06	0.3	<0.005	0.009	0.04	9.5	2.6	2.82	5100	2.67	0.01	2.3	6.9
557989		7.92	17.60	0.07	3.4	0.052	0.063	1.04	21.0	7.9	5.87	1090	3.15	2.10	26.6	363
557990		23.3	1.16	<0.05	0.1	<0.005	<0.005	0.04	6.0	1.9	2.56	5430	1.36	0.01	1.4	4.6
557991		24.6	1.09	0.05	0.1	<0.005	0.005	0.01	7.2	1.6	2.80	6240	0.84	<0.01	1.0	5.0
557992		23.5	2.68	<0.05	0.2	<0.005	0.010	0.01	7.4	2.6	3.13	5220	1.19	<0.01	1.8	6.6
557993		31.6	6.92	0.06	0.5	<0.005	0.007	0.02	12.0	4.4	4.47	6030	0.81	<0.01	4.0	10.6
557994		24.9	4.61	<0.05	0.3	0.005	0.010	0.01	8.1	3.4	3.05	5500	2.55	<0.01	2.6	8.9
557995		24.6	2.59	<0.05	0.2	<0.005	0.011	0.01	7.6	3.1	2.88	5260	2.84	0.01	2.1	6.9
557996		0.33	0.23	<0.05	<0.1	<0.005	0.006	0.02	1.2	1.2	1.26	129	0.09	0.03	0.1	0.3
557997		25.7	2.22	0.06	0.2	<0.005	0.009	0.01	6.8	3.3	2.96	5870	2.22	<0.01	1.8	6.0
557998		25.4	1.72	<0.05	0.1	<0.005	0.006	0.01	6.6	2.1	3.18	6170	1.43	<0.01	1.4	5.1
557999		11.80	0.37	<0.05	<0.1	<0.005	<0.005	0.02	3.7	0.9	2.14	2840	0.32	0.01	0.5	2.2
558000		10.80	0.48	<0.05	<0.1	<0.005	<0.005	0.02	3.8	1.0	2.09	2670	0.29	0.01	0.5	2.6

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Projet: Kan

CERTIFICAT D'ANALYSE VO18244260

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557981		740	2.2	7.0	0.003	0.65	0.40	26.9	1	0.4	16.1	0.50	0.10	1.47	0.642	0.29
557982		250	9.9	131.5	0.013	2.24	2.23	11.9	2	2.0	19.4	0.82	0.21	9.59	0.323	1.78
557983		350	3.4	45.2	0.004	0.47	0.41	28.1	<1	0.7	148.5	0.19	<0.05	2.94	0.345	0.68
557984		150	2.6	1.7	<0.002	0.39	0.43	0.4	<1	<0.2	16.5	<0.05	0.07	0.09	0.006	0.06
557985		120	1.0	1.3	0.002	0.11	0.31	0.2	1	<0.2	31.5	<0.05	<0.05	0.09	0.005	0.04
557986		210	1.6	2.7	<0.002	0.34	0.29	0.8	<1	<0.2	42.3	0.10	0.05	0.33	0.023	0.10
557987		380	1.4	2.5	0.002	0.36	0.37	0.9	<1	<0.2	28.7	0.11	0.07	0.35	0.030	0.09
557988		480	1.7	2.5	<0.002	0.34	0.25	1.0	1	0.2	31.2	0.11	0.08	0.42	0.031	0.11
557989		1910	5.4	28.1	<0.002	0.04	0.39	18.9	<1	1.3	489	1.55	0.11	2.69	1.095	0.07
557990		280	0.9	1.9	<0.002	0.11	0.23	0.5	<1	<0.2	20.2	0.07	<0.05	0.20	0.015	0.06
557991		360	1.5	0.6	<0.002	0.08	0.29	0.5	<1	<0.2	28.3	0.07	<0.05	0.18	0.010	0.03
557992		250	1.5	0.2	<0.002	0.23	0.49	0.8	<1	<0.2	28.8	0.09	<0.05	0.28	0.020	<0.02
557993		200	2.6	1.3	0.002	0.62	0.37	1.5	1	<0.2	28.5	0.19	0.06	0.66	0.046	0.06
557994		340	2.3	0.4	<0.002	0.53	0.32	1.1	1	<0.2	18.7	0.13	0.12	0.45	0.035	0.02
557995		370	1.5	0.4	0.002	0.30	0.28	1.1	1	<0.2	25.1	0.10	0.06	0.36	0.031	<0.02
557996		60	0.6	0.4	<0.002	<0.01	0.13	0.2	1	<0.2	84.7	<0.05	<0.05	0.07	0.005	<0.02
557997		220	1.4	0.2	<0.002	0.24	0.29	0.9	1	<0.2	23.4	0.09	0.07	0.31	0.025	<0.02
557998		190	1.3	0.3	<0.002	0.26	0.28	0.6	1	<0.2	21.2	0.07	0.05	0.23	0.017	<0.02
557999		100	1.0	1.0	<0.002	0.14	0.26	0.1	<1	<0.2	12.1	<0.05	<0.05	0.05	<0.005	0.04
558000		90	1.0	0.7	0.002	0.17	0.24	0.2	<1	<0.2	10.1	<0.05	<0.05	0.06	<0.005	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244260

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557981		1.9	316	1.0	4.1	273	68.7
557982		6.3	260	2.4	7.1	96	90.2
557983		1.5	266	0.9	4.1	211	46.8
557984		0.4	12	0.4	3.6	28	3.5
557985		0.2	8	0.2	4.0	11	2.3
557986		0.5	31	0.3	5.3	13	8.4
557987		0.5	37	0.2	5.8	12	9.7
557988		0.5	39	0.2	6.5	10	10.5
557989		0.6	150	3.3	19.1	109	141.0
557990		0.2	22	0.3	5.0	8	5.6
557991		0.2	19	0.2	5.6	8	4.5
557992		0.4	28	0.3	5.6	8	7.8
557993		1.4	53	0.4	7.8	10	22.9
557994		0.6	45	0.5	5.5	9	11.8
557995		0.4	36	0.5	5.7	10	9.9
557996		0.2	1	0.3	1.9	3	1.4
557997		0.4	31	0.2	5.4	11	8.9
557998		0.3	23	0.2	5.1	9	6.7
557999		0.2	5	0.2	3.6	5	2.8
558000		0.3	7	0.3	3.5	4	2.8

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CERTIFICAT D'ANALYSE VO18244260

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

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Finalisée date: 19-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244262

Projet: Kan

Bon de commande #: KANDH18-096

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

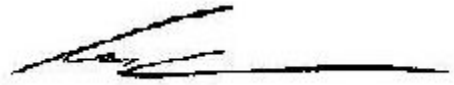
CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
LOG-23	Entrée pulpe - Reçu avec code barre
WEI-21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 19-OCT-2018
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CERTIFICAT D'ANALYSE VO18244262

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
557901		5.17	0.038	1.59	4.67	3.3	130	1.71	0.38	0.17	5.10	38.4	29.0	77	2.06	303
557902		5.26	0.030	1.36	3.66	0.8	140	1.40	0.32	0.45	3.40	37.9	10.5	60	1.34	353
557903		1.23	0.015	0.90	3.45	0.5	70	1.03	0.24	0.56	0.83	38.3	15.4	67	0.75	198.0
557904		2.40	<0.001	0.12	8.45	3.0	440	3.43	0.04	0.07	0.04	56.0	9.6	89	3.54	22.4
557905		4.47	0.004	0.10	7.64	23.1	360	2.66	0.09	0.17	0.18	53.9	15.4	76	3.21	48.1
557906		4.56	0.007	0.15	7.78	7.0	350	2.07	0.16	0.29	0.55	47.7	17.1	78	3.20	79.8
557907		4.18	0.013	0.20	7.14	0.5	320	1.96	0.22	0.07	0.63	23.9	19.8	72	3.28	96.4
557908		4.45	0.007	0.15	7.25	2.1	300	1.81	0.12	0.35	0.98	45.7	15.3	74	3.12	88.6
557909		0.05	0.664	0.19	6.78	19.1	310	1.43	0.13	4.31	0.18	47.0	39.0	173	1.79	52.5
557910		4.58	0.004	0.11	7.24	16.9	330	1.95	0.10	0.47	1.27	49.1	13.5	73	3.43	65.5
557911		4.79	0.012	0.25	8.65	1.3	420	2.45	0.27	0.14	1.39	52.2	20.0	83	4.24	103.0
557912		4.44	0.009	0.21	8.06	1.4	390	2.61	0.22	0.20	1.06	49.4	17.6	78	4.23	86.6
557913		4.35	0.010	0.21	8.57	1.3	410	2.49	0.22	0.13	1.98	51.5	17.9	82	4.28	87.8
557914		4.73	0.009	0.26	8.30	4.1	400	2.66	0.26	0.13	0.74	51.7	19.5	78	4.37	104.5
557915		4.49	0.002	0.15	7.69	10.1	350	2.24	0.11	0.19	0.96	50.6	14.9	76	3.82	73.0
557916		0.24	<0.001	<0.01	0.10	<0.2	20	0.08	0.01	34.5	<0.02	1.05	0.5	1	<0.05	1.6
557917		4.27	0.002	0.14	8.27	1.3	390	2.06	0.13	0.28	1.05	56.7	15.8	87	4.20	67.6
557918		4.36	<0.001	0.13	7.16	0.7	330	1.55	0.07	0.17	0.85	47.5	12.8	75	3.79	72.3
557919		4.54	<0.001	0.06	8.18	0.2	440	2.58	0.02	0.36	0.32	50.9	4.8	86	5.75	19.6
557920		4.73	0.003	0.14	8.29	0.6	450	2.78	0.17	0.17	0.89	54.8	15.8	79	6.90	39.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 19-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244262

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
557901		28.7	15.15	0.12	1.8	0.245	0.167	2.25	18.3	20.4	0.58	149	13.70	0.07	3.7	156.5
557902		32.3	11.25	0.11	1.5	0.149	0.106	1.43	19.0	21.6	1.00	519	13.25	0.04	3.8	172.5
557903		22.5	11.25	0.09	1.7	0.108	0.060	0.65	19.5	40.9	2.07	756	16.10	0.02	4.6	102.5
557904		7.89	22.6	0.07	2.3	0.011	0.073	4.07	28.7	35.2	1.63	980	3.72	0.08	7.7	33.6
557905		9.54	19.10	0.08	1.9	0.009	0.051	3.66	26.6	30.1	1.35	1510	1.43	0.07	6.5	30.4
557906		10.75	19.00	0.09	1.8	0.019	0.049	3.67	23.2	36.7	1.44	1060	1.21	0.07	5.9	39.1
557907		11.15	18.85	0.09	1.8	0.023	0.048	3.68	11.0	36.0	1.30	782	1.90	0.06	5.8	49.5
557908		12.35	19.30	0.08	1.8	0.018	0.047	3.47	21.1	38.7	1.72	1450	1.25	0.06	5.6	34.2
557909		7.10	18.05	0.08	3.6	0.020	0.065	0.85	19.4	16.1	2.80	895	2.23	1.67	17.0	133.5
557910		8.32	18.85	0.10	1.7	0.026	0.049	3.75	24.0	35.7	1.30	1060	0.72	0.06	5.7	31.7
557911		8.24	21.3	0.11	1.9	0.018	0.064	4.88	26.2	41.8	0.95	459	2.79	0.07	6.8	55.2
557912		7.17	21.1	0.13	1.9	0.012	0.062	4.71	25.1	40.9	0.96	607	2.39	0.06	6.6	48.1
557913		7.36	21.3	0.12	2.0	0.019	0.055	4.95	25.9	43.9	0.96	498	2.40	0.06	6.7	51.8
557914		7.32	21.8	0.14	2.0	0.012	0.053	4.93	26.2	48.9	0.86	305	4.27	0.05	6.8	58.9
557915		8.66	20.4	0.12	1.9	0.007	0.054	4.03	25.7	45.4	1.28	1070	0.97	0.04	6.6	35.0
557916		0.14	0.28	0.08	0.1	<0.005	<0.005	0.03	1.2	1.3	1.42	88	<0.05	0.03	0.1	<0.2
557917		8.93	20.6	0.11	2.0	0.013	0.047	4.40	28.2	42.1	1.31	1300	19.80	0.04	7.0	34.3
557918		11.40	18.15	0.08	1.9	0.011	0.041	3.56	22.0	34.4	1.56	2270	2.09	0.03	6.0	29.6
557919		6.31	21.0	0.09	2.1	0.005	0.051	4.88	25.6	43.1	1.18	1610	0.55	0.04	6.9	22.1
557920		5.59	20.7	0.11	2.3	0.008	0.046	5.01	28.9	50.1	0.93	379	3.65	0.04	7.2	44.7

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CERTIFICAT D'ANALYSE VO18244262

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
557901		190	44.0	58.8	0.012	>10.0	13.85	8.0	9	4.2	13.5	0.21	1.35	3.61	0.109	2.16
557902		230	32.7	36.1	0.012	>10.0	9.73	7.1	9	3.0	17.8	0.21	1.18	3.14	0.108	1.26
557903		350	23.4	17.3	0.015	8.66	6.98	7.3	6	1.6	18.3	0.25	0.74	3.05	0.102	0.57
557904		230	5.4	133.5	0.004	1.37	1.08	11.5	1	3.2	16.3	0.43	0.14	9.98	0.220	2.01
557905		270	5.0	125.0	0.005	1.63	1.13	9.8	1	1.5	17.4	0.51	0.13	8.87	0.243	1.80
557906		230	7.7	120.5	0.004	2.80	1.66	9.7	3	1.2	20.5	0.50	0.15	8.48	0.245	1.74
557907		150	10.5	109.5	0.009	3.22	2.37	9.1	4	1.2	12.4	0.48	0.16	6.07	0.235	1.65
557908		490	6.8	121.5	0.006	2.49	1.26	9.6	3	1.1	23.7	0.46	0.10	7.83	0.227	1.49
557909		1090	13.3	31.8	<0.002	0.02	1.06	18.2	<1	1.6	326	1.00	0.06	4.46	0.873	0.18
557910		130	7.1	135.5	0.004	1.90	1.51	9.8	2	1.2	28.3	0.46	0.13	8.51	0.227	1.54
557911		170	12.3	167.0	0.010	2.97	2.63	11.1	3	1.5	15.9	0.53	0.16	9.34	0.276	1.82
557912		140	11.6	168.0	0.008	2.31	2.35	11.2	3	1.5	19.6	0.54	0.16	9.19	0.262	1.66
557913		150	13.4	169.5	0.013	2.46	2.21	11.5	3	1.4	16.3	0.54	0.17	9.42	0.274	1.72
557914		180	12.1	172.5	0.014	2.88	2.71	11.3	4	1.5	15.3	0.51	0.17	9.36	0.268	1.54
557915		170	6.7	146.5	0.006	1.78	1.47	11.0	2	1.3	16.8	0.52	0.07	9.24	0.242	1.34
557916		60	0.6	0.9	<0.002	<0.01	0.11	0.2	1	<0.2	83.3	<0.05	<0.05	0.09	0.006	<0.02
557917		220	7.5	157.0	0.005	1.54	1.58	11.1	2	1.4	31.5	0.55	0.12	9.79	0.272	1.35
557918		360	5.2	121.0	0.005	1.50	1.19	9.9	2	1.2	15.8	0.48	0.08	8.16	0.235	1.13
557919		160	3.0	175.5	0.003	0.45	1.05	10.4	<1	1.5	14.0	0.56	<0.05	9.64	0.275	1.58
557920		150	9.0	185.5	0.008	1.27	2.20	10.6	1	1.5	20.8	0.56	0.08	9.97	0.280	1.88

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244262

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
557901		6.7	108	1.2	5.4	1160	69.4
557902		5.7	93	1.0	6.4	745	61.0
557903		5.4	101	0.9	7.0	272	68.5
557904		2.1	111	1.7	5.2	135	77.7
557905		1.9	101	1.4	5.3	225	64.5
557906		2.1	136	1.4	4.8	295	62.0
557907		2.3	167	1.4	3.5	233	60.5
557908		1.9	122	1.2	5.9	327	59.3
557909		1.0	138	2.0	17.9	124	135.0
557910		1.9	108	1.4	4.7	299	60.9
557911		3.3	223	1.5	5.4	232	66.9
557912		2.9	193	1.5	5.1	164	66.6
557913		3.0	216	1.6	5.1	262	66.2
557914		3.4	235	1.6	5.4	127	69.1
557915		2.0	111	1.5	5.0	215	66.7
557916		0.2	2	0.1	2.0	2	2.1
557917		2.4	114	1.6	5.5	263	71.5
557918		1.8	98	1.5	5.4	282	63.9
557919		1.9	87	1.9	5.2	158	74.9
557920		3.1	137	2.1	5.6	128	79.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244262

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME-MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:			
CRU-31	CRU-QC	LOG-21	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au-ICP21	Hg-MS42	ME-MS61

ALS Canada Ltd.

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Finalisée date: 12-OCT-2018
Compte: MINVIR

CERTIFICAT VO18244263

Projet: Kan

Bon de commande #: KANDH18-RUSH-068

Ce rapport s'applique aux 10 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
WEI-21	Poids échantillon reçu

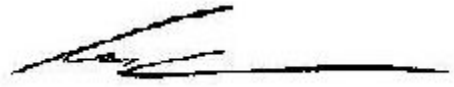
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244263

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
556101		2.77	0.009	0.02	0.06	1.0	10	0.87	0.02	1.15	<0.02	6.89	4.6	5	1.05	3.8
556102		2.23	<0.001	0.01	0.04	1.2	<10	0.93	0.01	1.24	<0.02	5.44	4.7	3	0.56	2.8
556103		2.31	<0.001	0.02	0.03	0.8	10	0.64	0.01	1.21	0.02	7.98	3.5	3	0.09	3.2
556104		2.53	0.012	0.25	1.92	233	30	0.42	0.05	1.86	0.12	25.2	13.3	33	0.46	41.5
556105		2.39	0.372	0.03	0.73	2.2	20	0.17	0.02	1.63	0.17	15.80	4.6	21	0.20	18.7
556106		0.38	<0.001	<0.01	0.15	0.5	20	0.10	0.01	32.0	<0.02	0.95	0.3	1	<0.05	2.1
556107		2.15	0.005	0.03	0.56	0.9	20	0.27	0.02	2.77	0.11	11.05	3.9	14	0.31	8.3
556108		2.34	0.312	0.15	0.63	3.6	10	0.18	0.01	1.32	0.05	11.90	6.1	18	0.06	2.9
556109		2.15	<0.001	0.04	0.65	2.6	10	0.26	0.01	1.34	0.06	12.35	6.2	23	0.12	5.8
556110		1.52	0.006	0.33	1.17	27.1	10	0.28	0.02	1.48	0.23	21.4	25.7	26	0.27	57.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244263

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
556101		25.6	0.54	0.07	<0.1	<0.005	<0.005	0.02	5.1	0.5	3.70	7670	0.46	0.01	1.3	2.5
556102		28.0	0.40	0.06	<0.1	<0.005	<0.005	0.01	4.0	0.6	4.32	4770	0.14	<0.01	0.4	1.3
556103		28.7	0.30	0.08	<0.1	<0.005	0.006	0.01	5.9	0.8	4.16	5090	0.15	<0.01	0.3	1.7
556104		22.5	7.30	0.09	1.0	0.019	0.024	0.26	14.3	25.4	3.26	4590	4.96	0.02	2.0	32.2
556105		21.6	2.71	0.06	0.5	0.005	0.036	0.10	8.6	11.7	3.09	12350	0.31	0.01	1.9	10.5
556106		0.24	0.45	<0.05	0.1	<0.005	<0.005	0.03	1.1	1.1	1.36	132	0.07	0.08	0.2	<0.2
556107		17.85	2.15	0.06	0.3	<0.005	0.017	0.08	5.8	10.2	2.87	10450	0.56	0.01	1.5	6.7
556108		20.7	2.98	0.07	0.4	0.005	0.019	0.01	6.3	14.2	3.00	12450	0.27	<0.01	2.3	6.5
556109		18.50	3.08	0.05	0.5	0.006	0.013	0.07	6.7	12.9	2.68	12550	0.33	0.01	1.8	8.1
556110		22.7	4.85	0.08	0.8	0.021	0.048	0.07	11.1	22.9	3.83	14050	0.53	0.01	2.9	35.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244263

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
556101		130	2.2	1.2	<0.002	0.01	0.30	0.1	<1	0.2	16.9	0.05	0.05	0.07	0.005	0.02
556102		90	0.8	0.6	<0.002	0.02	0.12	0.1	<1	0.2	19.9	<0.05	<0.05	0.04	<0.005	<0.02
556103		40	0.5	0.3	<0.002	0.12	0.10	0.1	<1	<0.2	23.9	<0.05	<0.05	0.03	<0.005	<0.02
556104		130	4.4	7.9	0.007	3.70	0.57	2.8	2	0.2	56.4	0.13	0.32	2.92	0.043	0.26
556105		620	1.3	3.1	<0.002	1.07	0.17	1.6	1	<0.2	46.0	0.14	0.06	0.74	0.035	0.11
556106		60	0.6	0.7	<0.002	<0.01	0.07	0.1	<1	<0.2	78.1	<0.05	<0.05	0.08	<0.005	<0.02
556107		400	1.2	2.8	<0.002	0.51	0.33	1.5	1	<0.2	69.4	0.11	0.05	0.51	0.028	0.10
556108		350	1.0	0.3	<0.002	0.19	0.50	1.8	<1	<0.2	27.4	0.17	<0.05	0.75	0.047	<0.02
556109		390	1.2	2.0	<0.002	0.34	1.20	1.7	<1	<0.2	27.4	0.13	<0.05	0.79	0.050	0.06
556110		650	6.9	1.9	<0.002	3.39	1.23	2.6	2	<0.2	39.0	0.18	0.15	1.32	0.042	0.09

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244263

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
556101		0.1	8	0.2	7.0	5	3.5
556102		<0.1	10	0.1	7.6	5	2.8
556103		<0.1	12	0.1	7.1	12	2.3
556104		3.0	76	0.2	5.5	112	39.8
556105		0.7	36	0.2	5.9	76	22.5
556106		0.2	1	<0.1	2.1	3	1.6
556107		0.4	28	0.2	4.9	28	12.0
556108		0.5	40	0.3	4.8	31	18.8
556109		0.6	44	0.4	4.5	34	19.7
556110		1.0	60	0.3	5.9	142	37.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 12-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18244263

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:	CRU-31	CRU-QC	LOG-21	PUL-31
	PUL-QC	SPL-21	WEI-21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
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Finalisée date: 20-OCT-2018
Compte: MINVIR

CERTIFICAT VO18247457

Projet: Kan

Bon de commande #: KANDH18-134

Ce rapport s'applique aux 14 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27-SEPT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG-21	Entrée échantillon - Code barre client
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um
WEI-21	Poids échantillon reçu

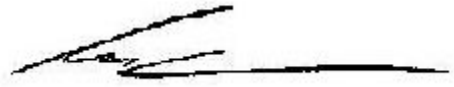
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
ME-MS61	ICP-MS 48 éléments, quatre acides	
Hg-MS42		ICP-MS

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:



Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 20-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18247457

Description échantillon	Méthode élément unités LDI	WEI-21 Poids reçu kg 0.02	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
558711		4.73	0.031	0.95	3.17	139.0	90	0.88	0.14	8.59	7.23	32.5	10.7	39	1.94	80.4
558712		4.25	0.037	1.55	5.26	199.5	110	1.81	0.35	0.33	4.97	50.0	19.4	62	3.63	69.8
558713		3.94	0.068	2.58	2.50	204	100	1.08	0.37	1.75	21.8	41.6	27.8	54	3.51	247
558714		4.62	0.051	1.99	3.87	114.0	120	1.45	0.34	1.96	14.20	47.6	16.8	56	3.22	282
558715		4.63	0.026	1.18	7.01	104.0	170	2.50	0.22	1.73	6.07	63.1	18.0	75	4.39	168.0
558716		0.22	0.001	0.01	0.08	0.6	20	0.09	0.01	33.8	0.04	1.00	0.6	1	<0.05	2.3
558717		4.53	0.024	1.60	5.20	158.0	110	2.48	0.26	3.24	7.36	53.6	17.4	61	3.94	64.7
558718		4.33	0.031	1.54	3.96	34.8	150	1.83	0.24	1.86	10.55	57.3	21.0	52	2.79	295
558719		4.99	0.018	1.29	4.20	12.4	190	2.24	0.31	1.65	9.54	60.3	13.0	52	2.83	321
558720		4.33	0.027	2.12	3.14	29.8	140	2.01	0.22	1.68	11.15	45.2	18.2	49	3.46	267
558721		5.46	0.007	1.32	1.61	9.4	50	0.93	0.11	2.39	3.22	29.6	10.6	38	1.47	352
558722		4.53	0.006	0.93	4.54	22.2	240	3.89	0.21	1.29	0.12	71.0	18.8	55	3.05	274
558723		5.21	0.026	2.81	2.71	6.7	150	2.58	0.35	2.05	16.30	44.4	17.0	47	3.48	450
558724		2.56	0.038	2.73	2.32	2.2	160	2.17	0.37	3.30	19.35	39.2	13.7	51	3.40	432

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 20-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18247457

Description échantillon	Méthode élément unités LDI	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	Hg-MS42 Hg ppm 0.005	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
558711		13.00	7.80	0.09	1.0	0.694	0.083	1.36	18.4	22.5	4.05	1460	27.8	0.16	5.4	107.5
558712		15.00	13.90	0.17	1.7	0.961	0.057	2.50	27.2	24.6	0.41	114	70.4	0.10	5.2	163.0
558713		16.50	6.98	0.14	1.3	1.315	0.112	1.07	27.0	16.1	0.91	1000	190.0	0.03	2.6	445
558714		14.30	9.59	0.13	1.9	0.733	0.085	1.46	29.8	18.7	1.15	985	115.5	0.15	4.5	297
558715		12.30	17.85	0.12	2.9	0.449	0.074	3.14	36.8	32.3	1.01	674	23.4	0.27	7.6	156.5
558716		0.18	0.28	0.06	<0.1	<0.005	0.005	0.02	1.2	1.4	1.41	86	0.30	0.03	0.2	1.1
558717		13.85	13.45	0.16	1.8	0.710	0.059	2.43	32.0	34.4	1.58	1120	46.0	0.16	5.9	159.0
558718		16.45	10.75	0.15	2.1	0.232	0.068	1.33	29.0	30.3	1.53	1980	53.5	0.09	3.0	182.5
558719		15.65	11.40	0.14	2.3	0.195	0.068	1.63	29.4	36.0	1.47	1770	32.3	0.07	2.5	191.0
558720		15.75	8.49	0.17	1.6	0.345	0.073	1.48	27.9	24.5	1.27	2810	117.0	0.04	3.3	243
558721		18.15	5.96	0.13	1.3	0.121	0.028	0.51	16.5	17.9	2.65	9470	35.1	0.02	3.7	253
558722		14.40	12.70	0.15	2.6	0.041	0.024	1.72	33.5	41.0	1.28	1260	16.30	0.07	2.1	189.0
558723		22.1	7.54	0.16	1.4	0.448	0.097	1.25	26.1	28.2	1.25	1610	125.0	0.04	2.7	374
558724		18.90	6.48	0.16	1.3	0.512	0.096	1.20	26.0	21.8	1.55	2460	156.0	0.03	2.9	322

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18247457

Description échantillon	Méthode élément unités LDI	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
558711		200	47.0	37.3	0.031	>10.0	13.60	5.5	8	0.6	120.0	0.34	0.29	2.67	0.097	3.33
558712		330	97.8	77.3	0.057	>10.0	27.4	7.3	9	1.2	22.9	0.34	0.48	4.57	0.105	6.25
558713		1470	86.8	39.7	0.111	>10.0	22.0	5.7	17	1.0	44.4	0.20	0.66	3.76	0.067	4.23
558714		1090	56.1	48.0	0.090	>10.0	11.15	7.2	14	1.1	59.6	0.30	0.50	4.10	0.108	3.68
558715		320	46.0	91.9	0.035	>10.0	10.20	12.2	9	1.6	55.6	0.44	0.48	5.06	0.202	6.36
558716		60	0.7	0.5	<0.002	0.03	0.16	0.2	1	<0.2	84.7	<0.05	<0.05	0.07	0.005	0.03
558717		380	66.5	76.5	0.046	>10.0	17.25	9.8	9	1.2	71.5	0.39	0.66	4.18	0.135	5.42
558718		1900	27.1	49.9	0.053	8.39	3.72	7.8	13	1.2	62.3	0.21	0.34	5.83	0.078	2.71
558719		1780	17.2	59.4	0.033	6.96	2.40	8.0	10	1.4	50.1	0.18	0.24	6.58	0.075	2.81
558720		1190	90.8	51.6	0.085	9.39	10.10	6.9	16	1.1	56.9	0.23	0.45	3.83	0.083	2.77
558721		1070	35.9	18.0	0.024	7.87	4.69	4.2	9	0.4	75.0	0.25	0.21	2.23	0.065	1.08
558722		2380	27.4	57.8	0.027	7.61	3.46	8.8	12	1.4	51.3	0.15	0.27	7.85	0.070	3.14
558723		1630	66.9	47.1	0.099	>10.0	12.10	6.2	23	1.2	60.4	0.18	0.53	4.14	0.065	2.59
558724		1900	67.5	44.8	0.129	9.96	12.50	6.0	20	1.0	88.7	0.20	0.54	3.18	0.077	2.53

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 20-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18247457

Description échantillon	Méthode élément unités LDI	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
558711		12.8	234	1.1	8.4	1410	39.9
558712		30.9	572	1.7	12.6	847	69.1
558713		71.2	1720	3.9	30.8	3680	47.6
558714		44.4	1030	2.6	21.9	2310	70.8
558715		16.0	286	1.6	11.0	1020	107.5
558716		0.3	3	<0.1	2.3	7	1.4
558717		23.9	470	1.8	13.2	1220	67.7
558718		25.1	627	1.7	18.0	1310	73.1
558719		16.3	458	1.2	14.6	1120	81.5
558720		46.7	1060	3.0	20.0	1720	58.3
558721		16.2	373	1.7	12.8	478	48.6
558722		15.6	392	0.8	16.6	70	88.0
558723		49.9	1160	2.4	23.2	2200	52.7
558724		59.3	1480	3.4	27.1	2670	47.3

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Finalisée date: 20-OCT-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18247457

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME-MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:	CRU-31	CRU-QC	LOG-21	PUL-31
	PUL-QC	SPL-21	WEI-21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au-ICP21	Hg-MS42	ME-MS61

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À: **MINIÈRE OSISKO INC.**
300, RUE ST-PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2-NOV-2018
Compte: MINVIR

CERTIFICAT VO18269970

Projet: Kan

Bon de commande #: KANDH18-RUSH-063

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 22-OCT-2018.

Les résultats sont transmis à:

GLENN ASCH SIMON HEBERT LIZ STOCK	KAREN CHIU SIMON HOULE CORPORATIF WEBTRIEVE	PAUL DOBAK LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

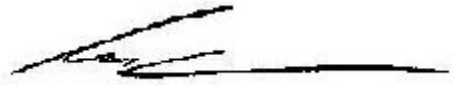
CODE ALS	DESCRIPTION
FND-02a	Localiser échantillon au laboratoire subsidiair

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30 g FA fini ICP-AES	ICP-AES
Au-GRA21	Au 30 g fini FA-GRAV	WST-SIM

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: **MINIÈRE OSISKO INC.**
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QUEBEC QC G1K 7R1

Finalisée date: 2-NOV-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18269970

Description échantillon	Méthode élément unités LDI	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05
556001		0.002	
556002		0.009	
556003		0.012	
556004		0.028	
556005		0.386	
556006		0.003	
556007		0.098	
556008			10.05
556009		5.85	
556010		3.81	
556011		0.041	
556012		0.004	
556013		0.004	
556014		0.002	
556015		0.004	
556016		0.001	
556017		0.001	
556018		0.001	
556019		0.674	
556020		0.003	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: **MINIÈRE OSISKO INC.**
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2-NOV-2018
Compte: MINVIR

Projet: Kan

CERTIFICAT D'ANALYSE VO18269970

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
	Au-GRA21	Au-ICP21	FND-02a

2017 – CERTIFICATES: Osisko

2017 – DDH : Osisko

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

CERTIFICATE VO17196841

Project: KAN

P.O. No.: KANDH17- 001

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

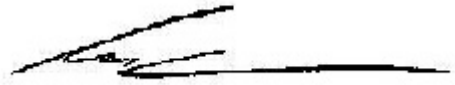
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196841

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
456101		3.63	<0.001	0.05	8.57	8.0	660	2.23	0.02	0.85	0.08	86.2	14.7	77	3.05	32.2
456102		<0.02	<0.001	0.08	8.94	5.5	670	2.18	0.02	0.90	0.09	93.1	13.6	76	3.19	32.3
456103		5.79	<0.001	0.06	8.58	3.4	640	2.23	0.02	0.95	0.09	85.4	12.8	69	3.49	33.6
456104		4.87	<0.001	0.10	9.02	2.8	680	2.35	0.02	1.03	0.12	90.6	13.4	72	4.00	53.2
456105		4.02	0.002	0.05	8.93	2.1	630	2.32	0.02	0.91	0.11	88.4	13.9	73	3.21	45.8
456106		5.08	<0.001	0.06	8.83	0.7	640	2.12	0.05	0.71	0.07	89.4	13.1	74	3.43	39.4
456107		0.11	1.230	1.05	7.77	103.5	120	4.73	2.75	2.28	2.75	23.3	18.2	64	2.50	59.3
456108		5.11	<0.001	0.05	8.80	0.4	730	2.24	0.05	0.53	0.06	89.3	13.8	77	4.06	41.0
456109		5.06	<0.001	0.02	8.55	<0.2	620	2.22	0.03	0.50	0.02	85.5	12.7	87	2.96	33.3
456110		4.76	<0.001	0.02	8.67	0.2	340	1.72	0.02	0.87	0.03	91.8	13.3	76	1.82	55.5
456111		0.28	<0.001	<0.01	0.11	<0.2	10	0.08	0.01	32.6	0.02	1.30	0.5	2	<0.05	1.1
456112		5.68	0.001	0.08	7.40	7.3	<10	0.52	0.02	6.36	0.22	11.10	50.6	229	0.25	161.5
456113		5.31	0.001	0.10	6.82	6.6	<10	0.42	0.03	6.77	0.25	10.20	49.9	217	0.21	203
456114		5.81	<0.001	0.08	7.26	6.5	10	0.48	0.02	6.65	0.18	9.57	52.6	199	0.23	166.5
456115		5.50	0.001	0.07	7.69	4.7	10	0.48	0.03	7.26	0.14	9.55	54.3	222	0.30	184.5
456116		0.11	8.44	1.60	7.93	92.0	190	3.98	3.90	1.98	4.45	26.6	17.7	57	2.54	117.0
456117		4.94	<0.001	0.05	5.81	2.2	60	0.25	0.02	8.05	0.10	7.01	42.3	159	0.34	118.0
456118		6.27	0.001	0.02	7.32	9.9	10	0.39	0.02	7.46	0.09	9.22	55.6	195	0.32	132.5
456119		5.80	<0.001	0.02	6.97	2.4	10	0.36	0.01	7.07	0.08	10.30	46.7	182	0.33	77.8
456120		5.40	<0.001	0.02	7.27	4.3	10	0.36	0.02	6.68	0.08	10.95	49.0	179	0.30	85.6

***** See Appendix Page for comments regarding this certificate *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196841

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
456101		4.05	22.8	0.09	5.0	<0.005	0.033	3.71	44.2	24.0	1.15	427	0.87	0.84	9.4	34.3
456102		4.16	23.9	0.10	4.9	0.016	0.037	3.70	48.9	25.7	1.19	442	0.85	0.87	9.7	35.3
456103		3.96	22.2	0.13	4.6	0.014	0.031	3.66	44.6	24.0	1.06	418	0.68	0.67	9.2	33.7
456104		4.15	23.2	0.13	4.9	0.009	0.032	3.79	47.2	25.1	1.13	445	0.52	0.89	9.6	34.5
456105		4.23	23.6	0.11	4.6	0.005	0.038	3.11	45.4	22.4	0.96	427	0.68	1.95	9.8	35.6
456106		4.21	23.0	0.11	4.6	0.013	0.033	3.28	46.0	24.6	1.07	402	0.88	1.57	9.5	35.3
456107		5.21	24.8	0.08	1.7	0.017	0.102	4.18	10.5	2.7	1.75	454	1.32	3.64	14.8	69.2
456108		4.50	24.4	0.11	4.7	0.008	0.035	3.68	45.6	30.3	1.39	444	0.99	0.85	9.9	36.1
456109		3.97	22.9	0.13	4.1	0.008	0.032	2.76	46.4	23.8	1.17	381	1.63	1.88	9.2	34.2
456110		3.97	22.8	0.13	3.3	0.008	0.030	1.47	49.4	17.7	1.12	429	0.76	4.03	9.8	35.6
456111		0.15	0.30	<0.05	0.1	<0.005	0.006	0.02	1.3	1.0	2.30	148	0.05	0.04	0.2	0.7
456112		8.61	17.25	0.05	0.9	0.014	0.063	0.03	4.3	20.9	4.74	1440	0.70	0.79	3.4	183.0
456113		8.56	16.95	0.07	0.7	0.020	0.071	0.02	3.8	18.5	4.55	1560	0.52	0.69	3.3	176.0
456114		8.85	17.05	0.06	0.8	0.021	0.067	0.04	3.5	17.2	5.01	1550	0.27	1.01	3.1	173.5
456115		9.16	18.00	0.05	0.8	0.012	0.073	0.06	3.4	14.6	5.04	1460	0.29	1.24	3.3	178.0
456116		5.38	25.2	0.10	1.7	0.010	0.183	4.51	13.3	2.4	1.59	419	1.44	3.32	13.2	63.8
456117		7.47	12.95	0.05	0.6	0.013	0.055	0.08	2.6	13.1	4.00	1410	0.50	0.95	2.4	141.0
456118		9.03	17.15	0.05	1.0	0.014	0.081	0.08	3.3	12.0	4.71	1550	0.29	1.41	3.2	143.5
456119		8.86	17.15	0.07	1.3	<0.005	0.074	0.08	3.7	11.8	4.50	1660	0.48	1.58	3.6	143.0
456120		9.18	17.05	0.05	1.2	0.016	0.074	0.06	4.0	12.6	4.58	1560	0.29	1.68	3.6	137.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196841

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
456101		350	16.9	151.0	<0.002	0.06	0.11	12.1	1	1.0	48.7	0.72	<0.05	15.00	0.352	0.63
456102		350	15.2	157.0	<0.002	0.05	0.11	12.9	1	1.0	51.4	0.72	<0.05	15.95	0.354	0.67
456103		340	17.8	153.0	<0.002	0.05	0.10	12.2	1	1.0	46.0	0.67	<0.05	15.50	0.339	0.59
456104		360	11.5	159.5	0.002	0.06	0.11	12.7	1	1.0	47.3	0.71	<0.05	15.90	0.354	0.60
456105		360	12.7	135.0	<0.002	0.08	0.12	12.7	1	1.0	58.2	0.73	<0.05	15.65	0.367	0.56
456106		360	19.1	150.0	0.003	0.09	0.12	12.3	1	1.1	47.1	0.70	<0.05	15.85	0.352	0.68
456107		990	149.0	364	0.002	2.82	1.64	5.2	5	1.2	255	1.05	0.44	1.38	0.505	1.47
456108		350	20.4	168.0	0.004	0.11	0.13	12.6	1	1.2	34.4	0.76	<0.05	15.05	0.359	0.74
456109		330	7.0	131.5	0.002	0.11	0.12	11.4	1	1.1	37.8	0.66	<0.05	13.95	0.341	0.59
456110		350	5.0	75.2	<0.002	0.18	0.15	12.5	1	1.0	73.1	0.71	<0.05	14.25	0.355	0.36
456111		80	<0.5	0.8	<0.002	<0.01	0.06	0.2	1	<0.2	75.6	<0.05	<0.05	0.20	0.007	<0.02
456112		400	4.2	1.7	0.002	0.06	0.53	33.7	1	0.7	235	0.21	<0.05	0.67	0.628	0.02
456113		410	4.0	1.1	<0.002	0.07	0.51	31.0	1	0.6	235	0.21	<0.05	0.30	0.664	0.02
456114		420	3.4	2.1	0.002	0.07	0.47	35.0	1	0.6	192.0	0.20	<0.05	0.27	0.660	0.03
456115		420	3.2	3.2	0.003	0.13	0.55	37.3	1	0.6	182.0	0.20	<0.05	0.27	0.681	0.05
456116		880	186.0	480	<0.002	3.20	2.00	4.6	3	1.3	236	0.90	0.85	1.56	0.455	1.89
456117		350	2.1	4.4	0.002	0.09	0.37	26.0	1	0.5	116.5	0.15	<0.05	0.19	0.500	0.05
456118		410	2.1	3.9	0.003	0.14	0.47	38.4	1	0.5	142.5	0.20	<0.05	0.27	0.706	0.04
456119		430	1.5	3.6	<0.002	0.09	0.46	40.6	1	0.4	124.5	0.22	<0.05	0.32	0.735	0.05
456120		460	1.1	2.9	0.002	0.06	0.37	37.6	1	0.5	111.5	0.23	<0.05	0.31	0.725	0.04

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196841

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
456101		3.0	87	1.1	16.2	79	174.5
456102		3.1	88	1.2	17.1	82	179.5
456103		2.9	82	0.9	16.2	77	169.0
456104		3.0	86	1.0	16.8	80	174.0
456105		3.0	87	0.9	17.0	88	170.0
456106		3.1	87	0.9	16.7	84	168.0
456107		0.8	65	0.6	6.3	253	75.4
456108		3.1	89	1.0	16.8	95	168.5
456109		2.7	81	1.0	16.6	81	150.5
456110		2.6	86	0.6	17.3	66	121.5
456111		0.2	1	<0.1	2.2	3	2.3
456112		0.2	303	0.3	20.8	92	19.3
456113		0.1	315	0.3	23.1	93	17.1
456114		0.1	323	0.3	21.5	89	22.1
456115		0.1	336	0.2	22.9	90	21.0
456116		0.9	59	0.5	6.5	349	68.6
456117		0.1	248	0.1	16.4	77	19.5
456118		0.1	362	0.1	22.1	84	29.9
456119		0.1	360	0.2	24.8	78	36.7
456120		0.1	351	0.1	24.2	83	38.9

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CERTIFICATE OF ANALYSIS VO17196841

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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To: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

CERTIFICATE VO17196857

Project: KAN

P.O. No.: KANDH17- 002

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

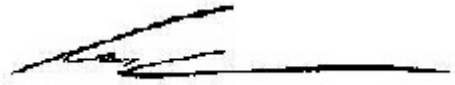
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: KAN

CERTIFICATE OF ANALYSIS VO17196857

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
456121		5.63	<0.001	0.02	7.51	0.9	10	0.41	0.01	7.30	0.12	12.30	49.7	174	0.35	147.5
456122		<0.02	<0.001	0.03	7.37	0.7	10	0.41	0.01	7.17	0.10	12.40	50.6	170	0.35	147.0
456123		5.37	<0.001	0.02	7.74	2.0	10	0.44	0.01	6.98	0.07	13.05	46.6	173	0.37	52.7
456124		5.75	<0.001	0.03	7.47	0.7	10	0.39	0.02	6.46	0.07	15.85	49.6	171	0.44	98.8
456125		5.33	<0.001	0.03	7.52	2.4	10	0.39	0.02	6.22	0.07	13.30	49.4	170	0.53	117.0
456126		5.51	<0.001	0.02	7.44	2.9	10	0.34	0.01	6.66	0.06	12.45	45.7	167	0.36	111.0
456127		0.11	1.330	1.07	8.45	100.0	120	4.62	2.68	2.40	2.50	24.0	17.1	64	2.36	56.5
456128		5.41	<0.001	0.02	7.12	5.2	20	0.43	0.02	7.06	0.05	12.10	45.5	159	0.87	104.5
456129		5.46	<0.001	0.03	7.31	4.1	10	0.48	0.02	6.96	0.08	12.80	50.1	167	0.32	145.0
456130		5.18	<0.001	0.02	7.43	6.4	20	0.38	0.01	7.01	0.05	12.65	49.4	165	0.72	83.4
456131		0.24	<0.001	<0.01	0.09	<0.2	10	<0.05	<0.01	34.6	0.02	2.19	0.8	2	<0.05	1.9
456132		5.46	<0.001	0.02	7.60	4.1	30	0.40	0.02	6.69	0.07	12.55	50.2	175	1.25	96.3
456133		5.17	<0.001	0.01	7.70	3.3	10	0.37	0.03	6.99	0.07	12.80	49.4	177	0.38	90.6
456134		5.27	<0.001	0.02	7.53	0.4	10	0.42	0.05	7.18	0.08	12.70	49.2	172	0.20	149.5
456135		5.04	<0.001	0.02	7.13	3.2	10	0.39	0.05	6.82	0.09	12.00	48.0	164	0.20	126.5
456136		0.11	8.19	1.75	8.24	111.5	250	4.13	3.90	2.12	4.39	27.2	18.5	62	2.54	123.0
456137		5.04	0.001	0.03	6.88	12.6	10	0.42	0.03	8.15	0.12	11.55	44.5	158	0.50	113.5
456138		4.75	0.001	0.05	6.39	20.9	210	0.62	0.01	8.94	0.12	11.10	42.5	129	0.91	119.0
456139		4.74	<0.001	0.04	7.03	29.2	70	0.55	0.01	6.74	0.15	11.10	48.6	152	3.36	142.5
456140		5.17	<0.001	0.04	7.18	23.3	10	0.46	0.03	7.30	0.10	9.77	54.5	159	0.39	144.5

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Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196857

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
456121		10.20	18.70	0.07	0.7	0.015	0.088	0.08	4.3	11.8	4.46	1640	0.30	1.41	4.1	99.3
456122		9.99	19.00	0.08	0.8	0.022	0.086	0.08	4.3	12.1	4.37	1600	0.31	1.38	4.1	100.5
456123		9.62	19.55	0.06	1.4	0.018	0.093	0.08	4.6	12.0	4.52	1580	0.26	2.05	4.3	109.5
456124		10.15	18.95	0.07	1.4	0.033	0.090	0.09	6.2	12.2	4.62	1540	0.38	2.06	4.1	104.5
456125		10.05	19.50	0.08	1.4	0.018	0.099	0.11	4.9	12.7	4.48	1600	0.51	2.18	4.2	106.0
456126		9.54	18.65	0.07	1.4	0.025	0.087	0.08	4.4	11.2	4.29	1500	0.41	2.02	4.1	93.5
456127		5.42	24.4	0.12	1.6	0.014	0.090	4.30	10.2	2.5	1.77	466	1.30	3.68	13.9	65.2
456128		9.38	18.25	0.09	1.5	0.017	0.079	0.14	4.4	13.5	4.03	1500	0.34	1.57	4.0	86.9
456129		9.95	19.20	0.06	1.3	0.022	0.088	0.06	4.5	11.2	4.13	1590	0.34	1.49	4.1	93.3
456130		9.94	19.15	0.07	1.3	0.016	0.093	0.13	4.4	11.4	4.24	1560	0.28	1.76	4.1	93.0
456131		0.24	0.28	<0.05	0.1	0.008	<0.005	0.01	1.8	0.8	2.23	189	<0.05	0.04	0.1	0.8
456132		10.25	19.85	0.09	1.5	0.018	0.089	0.21	4.4	13.2	4.40	1600	0.34	1.81	4.1	97.6
456133		10.20	19.50	0.07	1.6	0.019	0.084	0.07	4.4	12.9	4.36	1620	0.27	1.64	4.3	94.7
456134		10.05	19.20	0.07	1.4	0.018	0.085	0.04	4.5	12.6	4.37	1720	0.28	1.45	4.2	91.1
456135		9.68	18.40	0.08	1.1	0.018	0.092	0.04	4.1	11.6	4.32	1700	0.27	1.46	4.0	91.1
456136		5.73	26.6	0.11	1.6	0.021	0.175	4.76	12.0	2.4	1.67	445	1.51	3.51	14.4	68.0
456137		9.18	17.45	0.07	0.8	0.012	0.083	0.07	4.0	19.6	3.67	1680	0.26	1.27	3.8	89.6
456138		8.44	16.45	0.07	0.9	0.010	0.078	0.14	3.9	20.8	3.10	1700	0.28	1.61	3.7	75.6
456139		9.28	17.65	0.07	0.9	0.017	0.082	0.52	3.9	27.3	4.15	1760	0.26	1.54	3.7	114.5
456140		9.24	16.45	0.07	0.7	0.036	0.073	0.07	3.5	16.9	4.90	1720	0.23	1.26	3.3	169.5

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
456121		510	1.7	4.1	<0.002	0.18	0.44	44.1	1	0.9	143.5	0.26	<0.05	0.34	0.819	0.03
456122		500	1.8	4.1	0.003	0.18	0.41	44.5	2	0.9	143.0	0.26	<0.05	0.34	0.802	0.04
456123		480	1.2	3.6	0.002	0.07	0.32	47.2	1	0.7	106.0	0.29	<0.05	0.36	0.872	0.03
456124		590	0.8	4.2	0.002	0.12	0.30	44.3	1	0.7	97.7	0.26	<0.05	0.39	0.814	0.03
456125		530	0.6	5.3	0.003	0.05	0.28	45.4	1	0.6	77.7	0.28	<0.05	0.36	0.849	0.04
456126		520	0.9	3.3	0.003	0.03	0.30	44.0	1	0.6	101.0	0.27	<0.05	0.35	0.838	0.03
456127		990	152.5	376	0.002	2.81	1.49	4.7	4	1.1	274	1.03	0.50	1.36	0.504	1.39
456128		500	0.8	8.5	<0.002	0.03	0.30	42.1	1	0.5	112.5	0.26	0.05	0.33	0.798	0.07
456129		500	0.7	2.7	0.002	0.12	0.37	44.4	2	0.7	126.0	0.27	<0.05	0.34	0.813	0.02
456130		520	0.6	6.9	0.002	0.05	0.38	44.2	1	0.6	122.5	0.26	<0.05	0.35	0.833	0.08
456131		80	<0.5	0.2	<0.002	<0.01	0.07	0.4	1	<0.2	74.8	<0.05	<0.05	0.06	0.010	<0.02
456132		510	1.1	12.3	<0.002	0.06	0.34	44.0	1	0.8	107.5	0.27	<0.05	0.35	0.832	0.14
456133		530	0.7	3.5	0.003	0.10	0.46	45.5	1	0.9	136.0	0.27	<0.05	0.37	0.857	0.04
456134		530	0.8	1.4	0.002	0.22	0.51	45.6	2	0.9	140.0	0.28	<0.05	0.35	0.840	<0.02
456135		490	0.8	1.2	<0.002	0.18	0.49	43.1	2	0.8	128.5	0.26	<0.05	0.33	0.801	<0.02
456136		930	191.0	449	0.002	3.43	2.15	4.9	4	1.3	260	1.01	0.92	1.44	0.484	1.89
456137		460	1.2	4.1	<0.002	0.10	0.28	40.7	2	0.8	98.8	0.25	<0.05	0.32	0.765	0.05
456138		450	0.8	8.2	<0.002	0.09	0.22	37.9	1	0.8	73.5	0.24	<0.05	0.32	0.727	0.11
456139		460	0.7	34.6	<0.002	0.06	0.12	39.3	1	0.7	67.2	0.25	<0.05	0.30	0.743	0.44
456140		420	1.8	3.6	0.002	0.21	0.46	35.6	2	0.7	182.0	0.22	<0.05	0.27	0.676	0.05

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196857

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
456121		0.1	396	0.2	27.6	117	21.7
456122		0.1	390	0.2	28.1	114	19.0
456123		0.1	412	0.2	29.6	77	47.8
456124		0.1	406	0.2	28.4	78	46.6
456125		0.2	410	0.2	29.2	72	51.1
456126		0.1	408	0.2	28.0	68	52.3
456127		0.6	66	0.6	6.1	233	72.0
456128		0.1	388	0.2	27.2	71	65.6
456129		0.1	392	0.2	28.0	71	60.8
456130		0.1	399	0.2	28.2	73	45.8
456131		0.1	3	<0.1	2.5	4	2.0
456132		0.1	406	0.2	28.2	78	55.0
456133		0.1	420	0.2	29.3	77	48.7
456134		0.1	408	0.2	28.8	77	79.2
456135		0.1	387	0.2	27.2	96	34.4
456136		0.9	62	0.5	6.5	349	76.4
456137		0.1	365	0.3	25.9	91	34.9
456138		0.1	347	0.5	25.7	86	26.4
456139		0.1	354	0.4	25.2	89	32.4
456140		0.1	323	0.6	22.4	94	19.8

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Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196857

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

CERTIFICATE VO17196859

Project: KAN

P.O. No.: KANDH17- 005

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

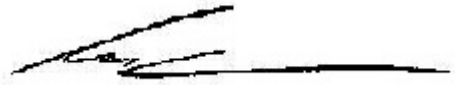
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196859

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
456181		4.64	<0.001	0.11	7.93	16.7	260	2.13	0.12	2.47	0.84	47.9	27.9	107	2.43	50.9
456182		<0.02	<0.001	0.12	7.95	15.3	260	2.34	0.12	2.47	0.83	48.8	27.2	107	2.47	53.3
456183		4.93	<0.001	0.06	7.95	36.9	170	2.07	0.05	2.54	0.65	37.8	38.2	112	2.18	49.2
456184		4.91	<0.001	0.01	7.55	0.9	50	1.13	0.02	0.14	0.02	34.4	20.5	104	0.81	14.3
456185		2.62	<0.001	0.04	7.21	1.9	140	2.32	0.10	0.54	0.05	63.1	16.0	97	2.36	58.7
456186		2.79	<0.001	0.07	6.59	2.1	120	1.82	0.17	0.52	0.02	56.1	12.5	85	2.25	138.5
456187		0.11	1.305	1.02	7.80	92.4	120	5.36	2.84	2.22	2.72	25.2	19.5	60	2.66	61.1
456188		5.68	0.015	0.49	3.11	164.5	90	0.73	0.40	0.14	1.43	33.2	77.4	58	1.65	250
456189		6.77	0.011	0.44	3.88	206	100	0.77	0.15	0.12	1.02	43.0	65.8	78	2.04	170.5
456190		6.80	0.015	0.58	3.15	217	80	0.61	0.15	0.24	1.15	35.4	71.7	62	1.80	177.0
456191		0.29	<0.001	0.01	0.19	0.9	730	0.06	0.03	18.55	0.04	2.31	0.5	2	0.34	1.4
456192		6.83	0.013	0.56	2.99	209	80	0.48	0.13	0.27	1.00	30.9	66.6	57	1.67	151.5
456193		6.79	0.018	0.67	2.74	226	70	0.48	0.14	0.29	0.78	27.3	61.6	54	1.52	154.0
456194		7.00	0.019	0.58	3.48	224	90	0.55	0.16	0.25	0.99	36.1	71.9	69	1.84	184.0
456195		6.10	0.017	0.44	3.85	201	100	0.67	0.15	0.24	1.05	42.1	64.2	77	2.02	146.0
456196		0.11	8.28	1.59	7.72	95.0	190	4.05	3.88	1.93	4.45	25.4	18.2	56	2.50	115.5
456197		5.84	0.021	0.36	4.16	120.5	110	0.75	0.15	0.36	0.99	43.0	54.6	89	2.17	226
456198		6.24	0.019	0.61	3.56	191.0	80	0.53	0.20	0.16	0.98	33.1	61.8	80	1.55	202
456199		5.96	0.011	0.40	4.23	126.5	100	0.68	0.16	0.36	1.65	39.2	60.4	89	2.14	289
456200		6.92	0.019	0.50	3.80	189.5	80	0.65	0.20	0.25	3.33	33.0	61.5	69	1.65	219

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196859

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
456181		9.72	21.7	0.10	2.2	0.017	0.071	2.55	23.0	46.5	1.90	5580	2.03	0.10	5.8	63.1
456182		9.73	22.2	0.09	2.3	0.019	0.068	2.55	24.2	49.5	1.90	5600	2.03	0.10	5.9	63.4
456183		9.16	20.3	0.09	2.3	0.009	0.057	2.10	17.7	72.6	2.82	3310	1.84	0.09	3.3	72.9
456184		13.75	21.5	0.07	1.9	<0.005	0.013	0.67	16.0	101.0	3.19	2430	3.66	0.03	7.8	63.5
456185		8.50	21.9	0.10	2.4	0.013	0.024	2.13	31.9	64.1	2.26	1540	3.82	0.10	7.2	55.3
456186		10.65	19.75	0.09	2.0	<0.005	0.027	2.01	28.1	58.8	2.35	952	3.49	0.09	5.7	57.2
456187		5.16	26.0	0.09	1.8	0.005	0.095	4.14	12.0	3.0	1.71	447	1.51	3.53	14.8	72.0
456188		32.6	9.78	0.18	1.9	0.500	0.081	1.20	16.9	13.2	0.45	124	13.30	0.06	3.5	124.0
456189		29.4	11.95	0.16	2.2	0.616	0.074	1.36	21.9	17.3	0.56	101	13.05	0.26	4.6	87.4
456190		31.5	9.90	0.19	1.8	0.675	0.073	1.09	17.7	13.1	0.46	115	13.25	0.27	3.0	88.2
456191		0.19	0.59	<0.05	0.3	<0.005	<0.005	0.10	1.0	17.3	13.70	282	0.09	0.03	0.5	0.6
456192		31.2	9.00	0.19	1.6	0.657	0.066	0.98	15.6	11.2	0.44	100	11.90	0.36	2.2	74.4
456193		33.7	8.64	0.19	1.5	0.640	0.052	0.88	14.3	10.3	0.45	105	12.15	0.30	2.1	75.0
456194		31.9	10.65	0.19	1.9	0.639	0.073	1.13	18.2	13.7	0.51	95	13.30	0.41	2.6	83.3
456195		28.2	11.85	0.17	2.2	0.585	0.080	1.19	21.4	15.7	0.54	105	13.60	0.56	3.1	80.2
456196		5.25	25.5	0.09	1.6	0.015	0.182	4.51	12.7	2.6	1.57	415	1.44	3.29	13.3	65.5
456197		26.8	13.05	0.17	2.4	0.510	0.080	1.34	22.1	19.8	0.68	137	12.95	0.48	3.8	83.9
456198		29.9	10.75	0.16	1.9	0.699	0.077	0.92	17.2	18.1	0.62	100	13.10	0.67	3.2	85.3
456199		26.9	13.10	0.16	2.2	0.532	0.117	1.25	20.3	21.3	0.76	160	14.95	0.58	3.2	88.7
456200		29.0	11.60	0.16	1.9	0.750	0.177	1.02	17.0	17.0	0.56	116	12.80	0.78	2.6	86.1

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196859

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
456181		390	4.7	118.0	0.006	1.44	0.22	22.0	2	1.2	47.6	0.42	0.05	5.88	0.440	1.79
456182		390	4.8	119.5	0.006	1.43	0.24	22.5	2	1.2	48.2	0.42	0.06	5.92	0.435	1.79
456183		410	3.0	103.0	0.007	0.42	0.12	29.2	1	0.8	42.2	0.22	<0.05	4.23	0.279	1.75
456184		260	2.1	15.6	0.009	0.38	0.08	13.2	1	0.5	7.0	0.56	<0.05	4.96	0.304	0.65
456185		300	3.1	103.0	0.010	2.10	0.15	15.6	2	0.9	25.0	0.48	0.10	8.05	0.207	2.56
456186		280	2.4	92.4	0.005	4.09	0.26	11.6	4	1.0	23.7	0.38	0.25	7.23	0.161	2.93
456187		960	147.0	354	0.003	2.69	1.60	5.4	4	1.2	250	1.08	0.47	1.66	0.488	1.57
456188		130	22.2	56.5	0.014	>10.0	8.42	7.4	18	0.9	14.7	0.22	5.52	2.47	0.084	2.53
456189		160	22.6	64.5	0.015	>10.0	10.10	8.7	17	1.1	20.9	0.24	6.60	3.41	0.105	2.97
456190		120	24.1	51.7	0.014	>10.0	11.95	7.5	20	0.9	21.1	0.18	7.68	2.47	0.070	2.50
456191		20	1.4	2.0	<0.002	0.08	0.25	0.3	<1	<0.2	133.5	<0.05	<0.05	0.24	0.007	0.10
456192		110	20.1	44.9	0.013	>10.0	11.05	6.9	19	0.8	22.1	0.14	6.66	2.18	0.056	2.37
456193		110	22.4	41.2	0.010	>10.0	13.70	6.7	20	0.8	20.5	0.13	7.53	1.94	0.053	2.22
456194		130	20.5	52.2	0.013	>10.0	12.25	7.9	19	0.9	24.3	0.17	7.61	2.73	0.067	2.73
456195		140	15.9	58.1	0.011	>10.0	9.98	8.8	18	1.1	28.2	0.17	6.61	3.23	0.075	2.72
456196		870	184.5	448	0.003	3.17	2.04	4.8	3	1.2	236	0.84	0.83	1.51	0.448	1.96
456197		150	12.7	62.6	0.015	>10.0	7.36	9.6	15	1.1	32.0	0.21	4.84	3.32	0.088	2.88
456198		110	19.7	43.4	0.012	>10.0	13.20	8.8	16	0.8	23.4	0.19	7.23	2.41	0.084	2.23
456199		150	14.4	58.3	0.014	>10.0	8.52	10.2	14	1.2	29.9	0.19	4.46	2.82	0.088	2.76
456200		130	21.0	47.0	0.013	>10.0	9.79	8.9	13	1.1	25.7	0.15	5.46	2.55	0.073	2.35

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196859

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
456181		3.5	277	1.3	7.1	191	79.3
456182		3.5	277	1.3	7.1	190	79.0
456183		2.2	313	0.9	6.4	135	82.1
456184		4.6	211	0.5	4.9	67	68.5
456185		6.0	268	0.9	7.9	45	87.7
456186		5.2	222	0.7	6.6	60	75.5
456187		1.0	63	0.6	7.2	227	77.3
456188		4.7	85	0.4	6.1	370	68.6
456189		5.9	94	0.5	7.5	278	87.0
456190		4.6	79	0.4	6.4	303	72.6
456191		0.2	2	0.2	1.7	14	9.6
456192		3.8	72	0.3	6.1	270	64.3
456193		3.8	68	0.3	5.6	214	59.5
456194		5.2	86	0.4	6.8	270	78.1
456195		5.6	92	0.4	7.2	291	86.2
456196		1.0	58	0.4	6.6	358	70.1
456197		5.0	99	0.5	7.3	295	95.1
456198		4.8	89	0.4	6.1	276	75.9
456199		5.5	112	0.6	7.0	471	86.3
456200		6.0	90	0.4	6.1	867	74.4

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Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196859

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

CERTIFICATE VO17196872

Project: KAN

P.O. No.: KANDH17- 006

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

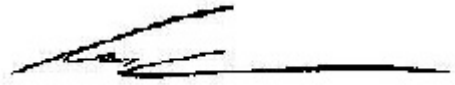
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalized Date: 9- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17196872

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455101		6.55	0.031	0.80	3.19	207	80	0.49	0.16	0.25	1.98	27.7	66.5	66	1.52	179.5
455102		<0.02	0.030	0.79	3.26	206	80	0.46	0.17	0.29	2.43	29.5	67.5	74	1.56	203
455103		6.10	0.042	0.79	3.17	213	80	0.54	0.17	0.20	1.10	27.6	72.7	70	1.58	181.5
455104		6.38	0.024	0.38	4.40	140.0	110	0.68	0.14	0.26	1.70	40.1	61.5	102	2.30	148.5
455105		6.23	0.058	0.92	3.03	224	70	0.38	0.18	0.22	1.42	23.9	67.2	64	1.39	201
455106		7.64	0.066	0.85	3.29	213	70	0.39	0.16	0.24	0.70	27.2	60.9	72	1.46	178.5
455107		0.10	1.300	1.15	8.51	122.0	120	4.36	2.97	2.39	2.85	25.7	19.5	69	2.62	60.6
455108		3.72	0.069	0.88	3.29	214	70	0.45	0.14	0.17	0.82	21.6	62.3	69	1.39	186.0
455109		6.59	0.112	1.43	3.17	239	70	0.38	0.18	0.15	1.20	21.4	68.3	65	1.32	184.0
455110		5.91	0.069	0.94	3.83	214	100	0.52	0.17	0.18	1.06	26.5	61.5	89	1.83	139.0
455111		0.21	0.005	0.01	0.06	1.2	60	<0.05	0.02	19.90	0.05	1.09	0.5	2	0.53	1.5
455112		6.01	0.060	0.98	3.82	159.5	90	0.58	0.32	0.42	1.09	35.3	120.5	78	1.60	298
455113		2.74	0.005	0.32	7.08	1.4	250	1.16	0.03	3.62	0.31	52.9	2.6	120	3.15	450
455114		4.81	<0.001	0.06	6.18	92.1	30	0.28	0.02	6.15	0.16	7.91	52.8	133	0.54	135.0
455115		4.33	0.001	0.05	5.97	89.6	10	0.23	0.01	7.07	0.15	6.40	53.9	123	0.46	127.0
455116		0.10	8.48	1.67	8.83	118.0	210	4.27	3.76	2.14	4.55	27.6	19.4	66	2.58	127.0
455117		1.49	0.003	0.25	5.98	24.9	120	0.66	0.05	7.51	0.86	18.55	33.3	120	1.50	320
455118		4.15	0.031	1.15	5.43	61.3	170	1.20	0.39	1.42	5.33	55.9	42.0	81	3.58	234
455119		5.38	0.023	1.21	4.33	52.4	160	1.06	0.28	1.86	8.74	56.1	28.6	72	2.84	320
455120		6.03	0.025	1.43	2.36	17.8	60	0.52	0.23	3.29	7.88	48.5	13.3	47	1.13	375

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196872

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455101		29.7	10.05	0.17	1.6	0.698	0.117	0.92	14.9	13.9	0.48	118	14.00	0.58	2.1	71.4
455102		30.3	10.25	0.17	1.6	0.751	0.130	0.95	15.5	14.3	0.50	135	14.25	0.57	2.2	73.6
455103		29.7	10.30	0.18	1.6	0.639	0.074	0.95	14.9	14.7	0.50	106	14.95	0.46	2.3	69.0
455104		25.4	14.05	0.14	2.2	0.458	0.119	1.42	20.5	18.9	0.61	146	15.50	0.57	2.9	68.9
455105		31.5	9.13	0.12	1.3	0.669	0.087	0.90	12.6	9.8	0.47	122	13.35	0.45	2.6	62.1
455106		29.2	9.61	0.12	1.5	0.653	0.057	0.91	14.7	12.7	0.54	166	13.50	0.55	2.4	58.1
455107		5.35	25.7	0.06	1.6	0.008	0.100	4.23	12.4	2.9	1.76	463	1.36	3.63	16.1	65.7
455108		30.1	9.69	0.13	1.4	0.612	0.065	0.92	10.8	13.7	0.57	149	12.70	0.50	2.6	61.2
455109		31.6	9.42	0.12	1.4	0.975	0.079	0.83	10.9	12.0	0.52	127	14.10	0.58	2.2	60.6
455110		28.8	11.90	0.14	1.9	0.777	0.077	1.15	12.9	16.4	0.61	157	13.50	0.57	3.4	75.3
455111		0.21	0.17	<0.05	<0.1	<0.005	<0.005	0.03	0.6	6.8	12.90	280	0.17	0.02	0.1	0.8
455112		29.4	11.35	0.12	1.7	0.755	0.075	1.00	19.7	13.5	0.62	223	13.15	0.82	2.5	123.0
455113		14.80	18.30	0.09	2.4	0.042	0.085	2.11	28.7	13.1	1.65	1000	14.25	1.79	4.5	113.0
455114		8.56	14.50	<0.05	0.8	0.051	0.066	0.31	2.9	96.2	4.34	1260	0.52	1.29	1.3	172.5
455115		7.97	13.00	<0.05	0.7	0.056	0.053	0.24	2.3	96.4	4.85	1520	0.61	1.03	1.0	209
455116		5.77	26.4	0.07	1.5	0.015	0.176	4.77	14.3	3.0	1.66	447	1.44	3.53	13.9	63.7
455117		9.89	14.95	0.07	1.2	0.278	0.076	1.02	8.6	49.3	3.08	2400	4.22	1.33	3.7	109.5
455118		17.00	15.05	0.11	2.7	1.585	0.116	1.90	32.8	27.6	1.07	1500	50.8	0.27	8.1	160.5
455119		20.2	12.45	0.12	2.4	1.465	0.136	1.48	32.4	25.0	1.25	4320	46.4	0.07	7.3	202
455120		23.3	7.56	0.12	1.3	1.040	0.092	0.56	24.9	19.2	1.81	11250	32.9	0.04	2.9	268

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196872

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455101		90	38.4	42.2	0.010	>10.0	14.70	7.5	14	1.0	21.3	0.13	5.53	2.23	0.059	2.16
455102		100	37.4	43.1	0.011	>10.0	14.60	7.7	17	1.0	22.0	0.14	5.68	2.23	0.063	2.22
455103		120	43.7	43.8	0.013	>10.0	15.10	7.8	16	0.9	19.5	0.14	6.05	2.27	0.065	2.24
455104		130	26.0	65.0	0.014	>10.0	7.78	10.4	13	1.3	27.5	0.17	4.44	2.93	0.080	2.87
455105		110	53.0	33.3	0.013	>10.0	14.15	6.4	16	0.8	19.6	0.16	6.35	1.86	0.070	1.80
455106		130	53.8	34.5	0.013	>10.0	13.70	6.9	14	0.9	20.9	0.15	5.60	2.06	0.070	1.79
455107		1010	154.5	268	0.003	2.83	1.67	5.3	4	1.2	274	1.06	0.57	1.31	0.509	1.41
455108		120	54.2	29.0	0.013	>10.0	13.95	6.6	15	0.8	18.4	0.16	5.11	1.72	0.071	1.78
455109		110	87.0	28.3	0.014	>10.0	22.7	6.9	15	0.8	18.1	0.14	6.68	1.70	0.060	1.86
455110		160	56.4	38.8	0.015	>10.0	14.10	8.7	13	1.0	22.7	0.21	5.55	2.16	0.083	2.16
455111		20	2.7	1.0	<0.002	0.12	0.14	0.1	1	<0.2	146.0	<0.05	<0.05	0.11	<0.005	0.09
455112		140	49.1	40.9	0.017	>10.0	11.50	8.8	14	0.9	29.1	0.16	5.58	2.65	0.077	1.85
455113		310	5.5	79.6	0.015	6.97	1.05	23.3	6	1.5	105.0	0.27	0.45	4.15	0.136	3.48
455114		330	3.0	10.0	0.003	0.56	0.26	37.6	1	0.4	106.0	0.08	0.06	0.22	0.286	0.44
455115		280	4.7	7.4	0.002	0.55	0.21	31.8	1	0.3	143.0	0.06	0.06	0.15	0.227	0.33
455116		930	190.5	520	0.004	3.36	1.93	5.3	3	1.2	265	0.87	0.99	1.74	0.478	1.83
455117		370	10.2	32.9	0.008	2.53	0.75	33.3	2	0.8	145.0	0.24	0.22	1.09	0.287	1.55
455118		870	53.7	62.6	0.038	>10.0	9.58	12.2	8	1.7	53.0	0.53	1.58	4.70	0.176	3.24
455119		1550	69.1	49.3	0.043	>10.0	9.12	9.0	10	1.5	50.2	0.47	0.87	4.34	0.140	2.42
455120		2280	49.0	17.7	0.028	>10.0	6.61	4.6	11	0.8	66.4	0.19	0.89	3.05	0.050	0.95

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196872

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455101		4.5	77	0.4	5.4	508	64.3
455102		4.3	79	0.4	5.6	609	65.2
455103		4.2	84	0.4	6.0	299	63.0
455104		5.9	113	0.5	7.2	454	90.3
455105		3.5	77	0.4	4.8	364	57.0
455106		4.0	80	0.4	5.3	197	62.6
455107		0.7	65	0.6	6.9	240	77.1
455108		3.6	77	0.4	4.1	220	59.5
455109		3.6	79	0.4	4.8	308	59.9
455110		5.4	101	0.5	5.8	294	81.9
455111		0.2	2	0.1	0.6	11	1.3
455112		4.6	96	0.4	6.3	294	73.4
455113		4.9	231	0.7	7.9	96	96.2
455114		0.1	285	0.5	3.7	139	31.3
455115		0.1	239	0.3	3.3	121	24.4
455116		0.9	62	0.5	6.8	378	71.3
455117		2.3	274	0.6	7.7	277	49.7
455118		23.4	492	1.5	16.5	1100	111.5
455119		25.1	511	1.2	16.9	1650	96.6
455120		18.5	344	0.5	15.4	1420	55.8

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CERTIFICATE OF ANALYSIS VO17196872

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalized Date: 9- OCT- 2017
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CERTIFICATE VO17196888

Project: KAN

P.O. No.: KANDH17- 007

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
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PUL- 31	Pulverize split to 85% < 75 um
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LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

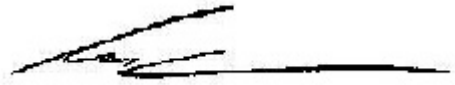
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: KAN

CERTIFICATE OF ANALYSIS VO17196888

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455121		5.13	0.030	1.13	4.46	83.1	170	1.29	0.29	1.32	6.23	59.7	30.9	56	2.82	220
455122		<0.02	0.029	1.13	4.58	87.7	170	1.32	0.31	1.37	6.05	62.6	31.8	60	2.91	209
455123		5.56	0.048	1.04	5.80	139.0	170	1.42	0.31	0.24	2.86	68.7	28.5	66	3.62	143.5
455124		2.12	0.039	0.93	4.33	117.5	150	1.01	0.29	0.59	4.04	40.2	30.4	66	2.71	199.5
455125		6.57	<0.001	0.20	5.72	19.8	120	0.96	0.02	4.86	0.26	12.35	28.3	129	1.65	111.5
455126		4.07	0.026	1.08	4.72	44.2	190	1.29	0.20	2.22	10.10	54.3	20.4	67	3.12	314
455127		0.12	1.320	1.05	8.60	123.0	130	5.76	2.71	2.40	2.95	24.3	20.7	70	2.60	65.9
455128		5.18	0.035	1.26	5.68	84.8	200	1.56	0.28	1.38	11.80	49.6	32.9	76	3.91	213
455129		4.97	0.013	0.56	9.39	61.9	230	1.81	0.20	0.42	2.47	58.0	26.7	118	4.90	152.5
455130		0.17	0.001	0.01	0.11	0.5	100	0.05	0.04	20.1	0.09	1.63	0.7	6	0.26	1.8
455131		4.97	0.014	0.66	8.47	79.7	180	1.49	0.20	0.96	4.28	64.9	24.4	87	4.98	133.0
455132		3.73	0.031	1.11	7.88	93.6	190	1.42	0.26	1.07	5.42	62.7	24.2	87	5.47	135.0
455133		4.46	0.005	0.54	8.47	45.7	200	1.40	0.24	0.99	2.54	59.6	21.1	97	5.18	207
455134		4.21	<0.001	0.40	10.40	32.8	290	2.77	0.14	0.27	2.41	55.5	15.3	131	7.01	149.0
455135		4.82	0.027	1.02	3.43	194.0	100	0.80	0.25	6.90	4.53	33.9	16.0	49	3.17	99.9
455136		0.11	8.26	1.54	8.31	121.0	200	4.53	3.51	2.05	4.40	25.1	19.7	64	2.41	125.0
455137		4.23	0.029	0.79	2.18	206	80	0.58	0.18	8.71	5.19	24.3	12.7	39	2.63	47.6
455138		4.16	0.034	1.07	4.59	238	140	1.06	0.27	3.48	5.27	46.1	20.2	62	4.68	123.5
455139		4.47	0.036	1.44	4.30	287	130	1.11	0.30	0.75	5.43	50.9	21.1	60	5.07	97.1
455140		5.04	0.018	0.88	7.35	108.5	180	1.62	0.24	1.64	2.93	49.4	23.4	80	6.61	223

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196888

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455121		20.0	14.15	0.11	2.5	1.280	0.123	1.50	33.7	29.3	1.15	3650	31.5	0.08	7.7	171.0
455122		19.95	14.50	0.11	2.6	1.380	0.120	1.53	34.0	31.1	1.18	3800	31.5	0.08	7.5	167.0
455123		19.10	18.35	0.12	3.3	1.650	0.148	2.12	38.3	35.9	0.79	306	22.7	0.11	12.8	144.5
455124		18.85	13.60	0.11	1.8	1.790	0.180	1.48	22.5	31.5	0.86	417	18.10	0.08	6.2	170.0
455125		8.29	14.50	0.05	1.2	0.070	0.050	1.06	5.0	84.5	3.28	1590	1.19	0.64	1.6	86.9
455126		16.70	13.50	0.12	2.2	1.405	0.098	1.51	31.4	35.9	1.49	1970	54.2	0.20	7.8	200
455127		5.38	26.7	0.07	1.6	0.007	0.095	4.30	11.7	3.6	1.77	467	1.39	3.67	16.2	69.0
455128		16.35	14.95	0.12	2.6	2.32	0.121	2.00	30.0	31.6	0.98	1100	60.6	0.18	7.1	178.0
455129		11.75	24.2	0.11	4.4	0.848	0.130	3.10	31.1	58.2	0.89	240	12.15	0.63	18.1	142.5
455130		0.22	0.32	<0.05	0.1	0.009	<0.005	0.03	1.0	11.7	11.90	400	0.19	0.02	0.3	1.5
455131		12.40	21.6	0.11	3.6	1.240	0.108	2.35	38.8	47.9	0.91	332	24.2	0.81	10.2	150.5
455132		13.15	21.1	0.11	3.6	1.540	0.116	2.39	37.7	44.3	0.87	276	34.0	0.67	13.1	163.5
455133		12.75	22.4	0.10	4.3	0.783	0.127	2.94	32.6	46.1	0.96	245	11.80	0.43	11.5	176.5
455134		7.23	30.1	0.09	6.2	0.606	0.153	4.09	27.1	64.0	0.74	108	12.75	0.37	24.9	91.9
455135		13.00	8.87	0.11	1.4	1.855	0.069	1.22	21.5	19.7	3.45	820	57.7	0.23	6.8	155.0
455136		5.52	25.9	0.07	1.5	0.013	0.168	4.20	12.5	3.0	1.60	431	1.44	3.37	13.7	64.3
455137		11.20	5.89	0.08	0.9	1.675	0.046	0.87	16.3	12.0	4.37	1070	64.2	0.10	4.7	142.5
455138		14.60	12.30	0.11	1.8	2.33	0.078	1.73	28.6	21.7	1.66	556	57.5	0.20	7.5	170.5
455139		14.95	11.30	0.15	1.7	2.81	0.099	1.57	31.5	19.7	0.53	120	91.6	0.23	6.6	196.0
455140		13.70	18.25	0.11	2.7	1.185	0.094	2.91	29.9	26.8	1.07	204	18.05	0.29	7.5	163.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196888

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455121		1120	64.1	50.9	0.033	>10.0	10.00	8.3	9	1.9	42.4	0.54	1.02	5.33	0.109	2.57
455122		1140	66.3	51.6	0.031	>10.0	9.79	8.6	8	2.0	43.6	0.58	1.09	5.51	0.109	2.69
455123		280	65.3	71.4	0.031	>10.0	13.50	10.2	6	3.1	29.0	0.91	1.19	6.48	0.160	3.94
455124		240	54.8	52.8	0.022	>10.0	12.00	11.1	7	2.6	25.2	0.44	1.00	3.82	0.114	2.98
455125		340	11.0	35.2	0.003	2.79	0.74	39.5	2	0.9	196.0	0.10	0.12	0.42	0.263	1.56
455126		1230	54.7	49.5	0.048	>10.0	9.35	11.8	13	1.5	62.7	0.49	0.45	4.39	0.150	2.47
455127		1000	155.0	293	0.004	2.83	1.56	6.0	4	1.1	277	1.07	0.45	1.30	0.515	1.42
455128		1070	60.7	59.9	0.058	>10.0	12.80	12.8	10	1.7	53.9	0.44	0.61	4.18	0.197	3.22
455129		390	28.3	74.8	0.017	8.18	7.31	23.5	3	2.4	89.6	1.04	0.42	5.00	0.425	4.16
455130		40	2.1	0.9	<0.002	0.04	0.16	0.2	<1	<0.2	172.5	<0.05	<0.05	0.10	0.005	0.06
455131		360	31.6	65.6	0.026	9.80	8.76	16.7	7	1.8	127.0	0.60	0.40	5.13	0.288	3.57
455132		470	43.3	68.1	0.038	>10.0	13.05	16.2	7	1.8	93.2	0.79	0.42	5.63	0.283	4.00
455133		300	15.6	68.6	0.016	8.33	4.25	19.8	4	2.0	65.2	0.68	0.33	4.95	0.273	3.92
455134		430	7.1	82.9	0.013	4.23	2.35	24.9	2	3.2	45.2	1.44	0.14	5.63	0.467	5.55
455135		450	48.6	38.0	0.048	>10.0	18.75	9.8	10	0.9	87.1	0.41	0.38	2.69	0.150	3.01
455136		910	203	280	0.004	3.29	2.87	5.5	4	1.2	254	0.82	0.85	1.37	0.459	1.73
455137		280	43.3	28.3	0.058	9.68	17.85	5.9	8	0.6	94.3	0.30	0.29	2.13	0.091	2.41
455138		410	61.5	54.2	0.059	>10.0	21.3	11.7	11	1.2	59.7	0.46	0.47	4.13	0.143	4.11
455139		620	62.4	50.5	0.070	>10.0	23.1	8.3	10	1.1	27.4	0.44	0.49	4.39	0.091	4.09
455140		270	28.8	76.0	0.022	>10.0	12.35	15.3	6	1.5	47.7	0.43	0.39	4.23	0.250	5.33

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196888

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455121		18.2	328	0.9	15.2	1240	97.4
455122		18.3	337	0.9	14.9	1230	101.5
455123		16.3	262	1.0	14.1	886	131.5
455124		10.3	211	0.8	8.9	1280	75.6
455125		0.5	280	0.7	5.9	114	45.7
455126		26.7	545	1.4	23.0	1600	91.5
455127		0.7	66	0.6	6.8	247	76.5
455128		30.0	709	1.7	20.0	1950	105.0
455129		14.8	202	1.2	12.5	674	170.0
455130		0.3	3	0.3	0.9	31	2.1
455131		16.8	317	1.2	14.3	952	140.5
455132		20.7	429	1.4	17.0	1160	140.5
455133		11.1	168	1.0	11.7	681	172.0
455134		12.1	181	1.8	14.1	672	243
455135		21.5	466	1.8	12.8	916	60.4
455136		0.9	60	0.4	6.5	362	70.3
455137		22.9	538	1.7	11.2	1010	41.6
455138		25.8	522	1.7	14.5	1140	77.0
455139		36.8	726	1.7	19.4	1260	73.2
455140		13.9	233	1.2	10.8	730	105.5

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CERTIFICATE OF ANALYSIS VO17196888

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

CERTIFICATE VO17196898

Project: KAN

P.O. No.: KANDH17- 008

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

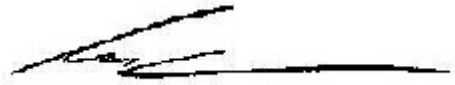
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 9- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17196898

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455141		4.80	0.015	0.83	7.83	97.1	180	1.41	0.27	2.55	2.62	64.2	23.7	87	7.30	112.0
455142		<0.02	0.017	0.86	8.21	97.3	180	1.43	0.27	2.64	2.85	72.2	23.9	89	7.68	113.0
455143		4.03	0.013	0.91	8.52	88.1	200	1.59	0.31	1.93	2.35	68.5	23.3	90	8.05	115.5
455144		3.27	0.012	0.64	7.86	90.1	170	1.35	0.30	1.16	2.68	66.3	25.5	86	7.32	145.0
455145		4.12	<0.001	0.37	7.56	35.5	180	2.20	0.22	1.53	2.58	102.0	21.0	88	6.30	133.0
455146		1.72	0.007	0.30	9.34	50.6	220	2.33	0.39	1.17	2.35	68.4	31.1	107	6.81	120.5
455147		0.11	1.305	1.15	8.50	116.5	120	5.46	3.13	2.39	2.74	25.6	19.9	62	2.69	63.9
455148		7.49	0.013	0.55	8.97	88.2	210	1.80	0.41	0.85	2.73	70.6	29.6	97	6.43	92.9
455149		5.21	0.019	0.88	4.92	166.5	120	1.05	0.32	2.79	4.96	60.4	20.0	60	4.90	206
455150		4.89	0.026	0.81	5.76	176.5	140	1.32	0.35	2.31	5.67	66.7	22.0	67	5.75	116.5
455151		0.24	0.004	0.02	0.41	1.4	200	0.19	0.03	18.90	0.04	1.36	0.6	2	1.19	1.2
455152		4.54	0.018	0.59	7.46	126.0	190	1.70	0.34	1.05	4.11	74.3	24.8	79	6.58	116.5
455153		4.91	0.020	1.00	4.29	219	120	0.89	0.33	0.61	6.24	62.8	20.8	71	4.89	178.0
455154		4.45	0.020	0.81	6.34	185.0	170	1.41	0.33	0.40	6.25	61.5	21.7	75	6.15	98.1
455155		4.34	0.005	0.38	7.89	76.6	190	2.12	0.29	1.51	2.17	100.5	23.5	90	6.31	123.0
455156		0.11	8.41	1.64	8.52	120.0	210	4.48	3.92	2.12	4.54	28.9	19.3	62	2.65	120.0
455157		4.52	0.010	0.54	6.92	81.9	190	1.70	0.28	1.26	3.31	79.1	19.3	94	6.22	142.5
455158		4.18	0.004	0.47	6.64	78.8	160	1.40	0.17	1.74	2.57	71.1	18.8	81	5.08	225
455159		4.42	0.021	0.91	4.77	191.5	140	1.30	0.35	1.10	4.72	65.3	22.2	64	5.06	138.5
455160		4.37	0.006	0.53	6.29	95.3	180	1.71	0.25	1.10	3.16	75.2	21.8	83	5.65	150.0

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Finalized Date: 9- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17196898

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455141		11.90	21.7	0.15	3.8	1.110	0.131	2.92	35.1	24.3	1.42	239	19.25	0.50	13.4	137.5
455142		12.10	21.8	0.18	4.0	1.115	0.125	3.02	40.7	25.4	1.48	234	19.20	0.50	14.3	140.0
455143		11.70	24.7	0.12	4.1	1.035	0.128	3.19	38.7	26.0	1.13	210	19.00	0.52	10.1	147.5
455144		13.15	22.1	0.14	3.9	0.891	0.117	2.71	38.7	35.7	0.90	192	18.10	0.41	8.4	152.5
455145		11.20	24.1	0.15	7.9	0.430	0.129	2.58	54.4	36.7	1.17	436	25.5	0.32	31.1	123.0
455146		11.90	25.9	0.12	4.3	0.438	0.146	2.93	39.1	52.4	1.04	259	15.10	0.64	10.7	116.0
455147		5.41	28.3	0.08	1.8	0.008	0.099	4.30	11.0	2.9	1.74	461	1.50	3.72	16.0	75.2
455148		11.60	25.2	0.12	4.3	1.060	0.138	2.43	40.4	59.1	0.74	148	17.70	0.90	12.2	126.5
455149		17.65	14.40	0.12	2.2	1.970	0.127	1.45	36.3	30.1	1.41	350	42.2	0.40	8.7	213
455150		16.10	16.75	0.13	2.8	1.960	0.133	1.94	38.6	26.0	1.20	274	34.1	0.42	8.7	192.0
455151		0.20	0.71	<0.05	0.4	0.011	<0.005	0.14	0.7	45.6	14.25	276	0.55	0.03	0.8	0.5
455152		13.60	21.7	0.14	4.2	1.200	0.128	2.60	41.3	31.2	0.78	176	24.0	0.42	12.9	164.0
455153		18.20	12.85	0.19	2.3	1.940	0.111	1.28	39.5	32.5	0.76	144	78.4	0.14	7.7	254
455154		16.00	18.10	0.19	2.9	1.935	0.135	2.26	35.5	28.0	0.46	108	36.5	0.28	7.5	184.0
455155		12.65	24.6	0.16	7.9	0.508	0.124	2.58	55.3	48.7	1.28	593	22.5	0.31	29.4	129.0
455156		5.79	28.1	0.10	1.7	0.015	0.209	4.67	13.3	3.0	1.65	437	1.52	3.49	14.8	72.1
455157		13.25	20.4	0.14	4.8	0.933	0.111	2.39	46.5	37.1	1.04	498	41.1	0.23	18.5	156.5
455158		15.65	18.60	0.14	3.5	0.556	0.089	2.13	41.2	51.7	1.67	896	32.1	0.16	9.8	177.0
455159		17.60	14.00	0.19	2.2	1.845	0.095	1.66	38.9	28.1	0.78	354	61.2	0.20	9.3	197.0
455160		14.75	18.85	0.16	3.6	0.730	0.098	2.09	42.8	46.3	1.13	478	33.4	0.18	13.5	152.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196898

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455141		250	30.3	72.8	0.024	9.94	12.70	18.0	5	2.4	62.9	0.85	0.60	5.36	0.290	5.62
455142		250	29.8	83.6	0.020	>10.0	12.60	18.9	5	2.4	63.2	0.90	0.59	5.86	0.315	5.62
455143		250	38.1	83.8	0.024	9.63	13.10	18.4	4	2.4	67.5	0.55	0.67	5.73	0.256	6.40
455144		340	34.8	78.4	0.023	>10.0	11.10	17.1	6	1.9	52.6	0.50	0.61	5.25	0.262	5.05
455145		540	11.3	75.7	0.025	6.47	3.37	16.2	5	3.1	48.3	1.65	0.29	8.82	0.235	3.98
455146		270	15.8	75.9	0.016	7.92	3.52	20.4	4	2.3	71.1	0.56	0.48	5.35	0.290	4.45
455147		1000	176.5	353	0.002	2.83	2.14	5.6	4	1.3	274	1.13	0.55	1.33	0.502	1.61
455148		280	37.5	65.8	0.023	9.77	11.85	19.0	4	2.2	91.8	0.74	0.77	5.67	0.292	4.44
455149		510	56.7	48.9	0.049	>10.0	20.0	11.5	10	1.4	59.3	0.64	0.60	5.08	0.121	4.29
455150		340	55.3	61.8	0.044	>10.0	21.1	11.5	9	1.7	52.9	0.48	0.68	5.55	0.138	5.12
455151		40	5.0	4.0	<0.002	0.07	0.19	0.3	<1	<0.2	130.0	<0.05	<0.05	0.13	0.010	0.23
455152		320	40.2	75.8	0.030	>10.0	13.90	13.1	6	2.4	51.0	0.75	0.70	6.37	0.218	5.97
455153		920	64.3	47.1	0.074	>10.0	22.1	10.6	12	1.4	24.5	0.47	0.49	5.57	0.117	4.07
455154		460	59.4	69.4	0.048	>10.0	21.4	12.2	9	1.8	37.8	0.42	0.65	5.36	0.162	6.09
455155		620	21.1	77.3	0.024	8.54	6.37	16.9	4	3.1	61.3	1.60	0.44	8.99	0.270	5.24
455156		920	204	460	<0.002	3.44	2.28	5.4	4	1.4	263	0.87	1.10	1.45	0.476	2.01
455157		750	32.8	75.2	0.063	9.63	9.31	15.6	6	2.2	46.3	0.98	0.41	6.89	0.242	5.30
455158		830	20.5	66.4	0.036	>10.0	6.17	18.4	9	1.7	50.4	0.57	0.24	5.60	0.244	4.64
455159		670	68.1	57.8	0.058	>10.0	18.95	10.3	10	1.4	36.4	0.58	0.55	5.35	0.117	4.85
455160		760	29.9	71.8	0.042	>10.0	8.21	17.2	6	2.0	38.6	0.66	0.32	5.48	0.237	4.89

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196898

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455141		13.5	216	1.3	13.0	773	155.0
455142		13.5	221	1.3	13.7	833	156.5
455143		15.7	215	1.2	13.1	651	156.0
455144		14.0	207	1.0	12.9	635	141.0
455145		14.5	212	1.1	23.9	583	289
455146		14.6	185	1.1	12.7	527	161.0
455147		0.8	64	0.6	6.6	234	81.4
455148		15.2	213	1.1	13.4	666	161.5
455149		24.7	368	4.2	14.6	1240	91.9
455150		19.9	320	1.0	13.0	1390	107.5
455151		0.3	2	0.4	1.0	13	8.0
455152		16.5	242	1.2	15.5	1020	156.5
455153		37.3	717	1.8	24.3	1340	93.7
455154		20.9	337	1.1	14.2	1370	108.5
455155		15.5	228	1.3	24.3	560	282
455156		1.0	61	0.5	6.6	358	76.9
455157		21.1	429	1.5	18.6	786	179.0
455158		18.1	310	1.5	14.8	619	130.5
455159		29.7	525	1.6	17.1	1020	92.2
455160		18.7	338	1.5	16.0	739	146.5

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CERTIFICATE OF ANALYSIS VO17196898

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

CERTIFICATE VO17196903

Project: KAN

P.O. No.: KANDH17- 009

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

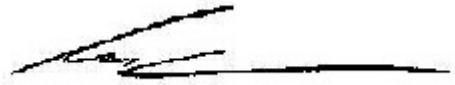
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196903

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455161		4.45	0.014	0.82	6.57	91.8	180	2.05	0.51	1.29	4.01	65.7	24.3	78	6.30	151.0
455162		<0.02	0.013	0.76	6.53	90.7	180	1.94	0.45	1.26	3.71	67.1	23.3	79	6.31	151.5
455163		4.42	0.010	0.71	7.16	134.0	180	1.57	0.36	1.92	3.33	76.5	26.7	79	6.80	107.0
455164		4.57	0.004	0.52	6.36	67.6	140	1.97	0.31	2.80	2.27	90.3	24.9	71	5.49	157.0
455165		4.38	0.003	0.48	7.24	78.6	170	1.51	0.26	1.21	3.17	68.7	36.0	81	5.81	166.0
455166		4.36	0.015	0.68	6.58	143.5	160	2.11	0.29	1.62	3.25	67.6	23.0	75	6.59	124.5
455167		0.11	1.305	1.13	7.79	102.5	130	5.68	2.84	2.26	2.82	22.5	20.1	62	2.58	62.2
455168		4.71	0.019	0.68	6.19	160.0	160	1.34	0.31	1.18	3.68	68.3	25.6	80	6.17	118.5
455169		4.51	0.022	0.93	5.77	178.5	160	1.35	0.35	1.88	4.70	68.7	22.7	71	6.07	102.0
455170		4.41	0.016	0.80	6.41	149.0	170	1.56	0.31	2.12	4.19	68.6	23.7	81	6.27	121.0
455171		0.28	<0.001	0.01	0.08	0.8	10	0.08	0.05	34.7	0.03	1.43	0.6	3	0.05	1.8
455172		4.81	0.003	0.61	6.39	77.6	150	1.40	0.33	2.65	3.21	71.3	28.0	74	5.50	177.5
455173		4.38	0.001	0.63	6.52	40.7	140	1.35	0.20	2.65	2.51	65.2	21.1	82	5.41	214
455174		4.38	0.014	0.71	6.39	122.0	150	1.69	0.40	1.68	4.14	71.0	35.7	79	5.89	112.0
455175		4.69	<0.001	0.34	7.32	46.7	180	2.35	0.21	1.94	1.06	111.0	18.4	88	6.06	123.0
455176		0.11	8.28	1.68	8.03	107.5	200	4.36	3.84	2.03	4.36	25.5	19.4	60	2.52	123.0
455177		4.41	0.004	0.43	6.61	21.7	230	1.96	0.29	1.53	1.64	98.3	17.1	102	4.91	115.0
455178		4.14	0.002	0.32	7.40	39.8	180	1.80	0.32	1.47	2.42	74.2	31.9	93	5.63	103.5
455179		4.36	0.003	0.41	7.29	71.1	160	2.05	0.40	1.50	1.93	64.3	26.4	95	4.68	89.1
455180		4.28	0.004	0.43	6.97	138.5	140	1.65	0.42	1.38	1.90	67.8	36.4	85	4.40	108.0

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196903

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455161		15.45	18.90	0.19	3.2	1.190	0.130	2.34	38.5	34.6	0.92	362	36.8	0.29	13.0	167.0
455162		15.70	18.80	0.16	3.2	1.195	0.114	2.33	39.0	33.1	0.90	365	37.1	0.28	12.9	170.0
455163		14.15	20.6	0.15	3.7	1.595	0.145	2.31	43.4	39.9	1.13	349	29.5	0.47	18.3	181.5
455164		14.70	21.5	0.20	8.8	0.569	0.100	2.00	47.9	43.5	1.71	713	17.35	0.37	42.2	151.5
455165		16.25	21.3	0.18	4.9	0.794	0.143	2.11	39.3	60.5	1.32	432	21.9	0.36	14.1	163.0
455166		13.60	18.65	0.19	3.3	1.600	0.113	2.19	38.5	39.7	0.90	242	30.2	0.39	14.9	183.5
455167		5.18	26.8	0.10	1.7	0.014	0.104	4.17	10.5	3.0	1.73	449	1.54	3.55	15.1	72.1
455168		14.60	17.80	0.18	3.1	1.840	0.107	1.95	40.5	49.6	0.96	246	39.8	0.28	14.7	152.0
455169		15.40	16.45	0.18	2.7	2.00	0.129	1.91	39.6	32.0	1.03	307	42.8	0.43	15.0	177.5
455170		15.35	18.30	0.16	3.0	1.495	0.124	2.05	40.8	41.4	1.33	466	32.4	0.44	12.9	181.0
455171		0.23	0.27	<0.05	0.1	0.006	<0.005	0.02	1.5	1.1	1.97	175	0.31	0.03	0.2	1.0
455172		17.25	19.30	0.16	4.3	0.813	0.104	1.87	40.3	55.1	1.89	972	21.8	0.31	15.2	177.0
455173		17.55	19.35	0.15	3.4	0.518	0.108	1.84	38.0	60.7	2.05	1040	22.5	0.29	9.9	182.5
455174		15.85	18.40	0.15	3.6	1.670	0.135	2.03	40.6	43.1	1.19	680	30.1	0.36	18.4	149.0
455175		13.95	26.2	0.18	13.0	0.274	0.105	2.50	57.1	56.3	1.69	1020	14.55	0.20	62.5	120.5
455176		5.43	27.2	0.10	1.7	0.012	0.177	4.59	12.6	2.8	1.60	419	1.60	3.39	14.1	67.4
455177		12.65	21.6	0.16	6.3	0.380	0.110	2.27	53.0	57.3	1.51	829	21.7	0.16	21.8	107.0
455178		13.55	21.3	0.16	6.0	0.507	0.133	2.30	41.6	51.5	1.28	998	20.0	0.42	19.8	111.5
455179		13.60	20.1	0.13	4.1	0.501	0.096	1.81	36.9	72.4	1.60	1150	18.60	0.49	10.2	97.2
455180		15.85	19.30	0.17	4.0	0.436	0.092	1.54	38.2	77.6	1.68	1380	19.25	0.59	10.7	115.0

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QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196903

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455161		410	43.5	71.3	0.039	>10.0	11.55	13.3	6	2.2	43.1	0.75	0.73	6.01	0.224	5.23
455162		450	43.0	69.7	0.036	>10.0	11.40	12.7	7	2.1	42.7	0.75	0.70	6.05	0.220	5.27
455163		400	50.6	67.7	0.029	>10.0	14.80	14.4	5	2.5	52.2	1.16	0.75	7.06	0.241	5.23
455164		390	24.6	58.7	0.015	9.79	6.00	13.8	7	3.0	58.9	2.62	0.58	9.20	0.211	4.11
455165		630	20.4	59.5	0.022	>10.0	5.76	15.1	5	2.8	45.2	0.94	0.56	6.56	0.239	4.18
455166		300	50.4	65.0	0.028	>10.0	15.35	13.0	7	2.0	47.7	0.95	0.58	6.04	0.229	5.33
455167		970	150.0	363	<0.002	2.75	1.78	5.2	5	1.2	251	1.06	0.57	1.39	0.498	1.54
455168		460	48.0	61.9	0.037	>10.0	14.25	13.4	7	1.9	39.6	0.91	0.58	6.39	0.212	5.09
455169		420	62.8	60.4	0.047	>10.0	18.85	10.2	8	1.8	45.6	0.96	0.68	6.24	0.178	5.52
455170		440	49.8	63.7	0.032	>10.0	14.55	12.7	7	1.8	51.9	0.78	0.58	5.99	0.225	5.23
455171		80	0.8	0.5	<0.002	0.07	0.38	0.2	1	<0.2	84.3	<0.05	<0.05	0.09	0.006	0.05
455172		950	24.4	58.3	0.022	>10.0	6.20	14.6	6	2.2	58.3	1.01	0.69	5.98	0.253	4.12
455173		740	18.3	55.5	0.019	9.39	4.52	17.0	5	1.9	61.7	0.58	0.40	5.30	0.238	3.77
455174		500	49.0	60.0	0.030	>10.0	11.10	14.1	7	2.1	46.1	1.03	0.81	6.28	0.222	4.62
455175		620	15.2	71.8	0.010	7.48	3.69	15.4	5	4.4	46.8	4.15	0.31	11.95	0.265	4.46
455176		880	191.0	480	0.003	3.31	2.20	5.1	3	1.3	242	0.88	1.01	1.56	0.464	1.94
455177		720	20.4	69.1	0.017	6.41	4.23	15.5	5	2.5	43.5	1.47	0.47	8.09	0.235	3.54
455178		520	20.5	62.7	0.022	7.35	3.54	13.2	5	2.7	69.5	1.39	0.50	7.38	0.233	3.46
455179		600	28.5	46.2	0.022	7.05	6.37	15.4	3	1.9	86.4	0.62	0.52	5.73	0.252	2.76
455180		700	26.9	40.7	0.022	7.94	5.73	15.3	4	1.8	88.3	0.62	0.56	5.64	0.233	2.29

***** See Appendix Page for comments regarding this certificate *****

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196903

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455161		19.6	301	1.4	13.5	966	122.0
455162		19.7	310	1.3	13.7	922	118.5
455163		17.4	276	1.2	15.4	993	141.0
455164		11.7	164	1.0	20.5	619	307
455165		13.6	212	0.9	16.2	966	171.0
455166		17.1	269	1.2	13.4	889	122.0
455167		0.7	63	0.7	6.3	243	74.7
455168		19.8	331	1.5	15.0	957	116.0
455169		20.8	371	1.4	14.0	1230	103.5
455170		17.7	282	1.3	13.0	1100	114.0
455171		0.2	2	<0.1	2.5	8	1.9
455172		13.0	213	1.2	15.4	912	147.5
455173		13.0	202	1.0	13.0	729	127.0
455174		15.8	264	1.3	14.9	1140	133.0
455175		11.0	148	1.4	31.4	327	444
455176		0.9	59	0.6	6.2	335	71.2
455177		10.7	189	1.1	16.9	456	226
455178		11.9	179	1.0	15.2	580	214
455179		11.9	195	1.0	11.9	477	143.0
455180		11.9	192	0.9	12.1	462	142.5

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Finalized Date: 7- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17196903

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 3- OCT- 2017
This copy reported on
5- OCT- 2017
Account: MINVIR

CERTIFICATE VO17196923

Project: KAN

P.O. No.: KANDH17- 010

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 13- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: LEE SCHOLL
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 3- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196923

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455181		4.17	0.005	0.32	8.00	54.9	200	2.48	0.36	1.44	1.87	94.8	14.2	88	6.55	84.0
455182		<0.02	0.003	0.25	7.48	65.7	190	2.82	0.37	1.33	1.99	80.6	16.4	83	6.21	96.0
455183		4.36	0.002	0.08	6.67	83.2	170	3.14	0.29	3.12	0.59	119.5	16.3	66	5.61	55.3
455184		4.14	<0.001	0.03	7.64	95.1	200	3.82	0.24	2.72	1.18	130.0	11.3	64	6.65	54.1
455185		4.36	0.006	0.07	5.24	46.3	120	2.09	0.20	1.16	0.06	56.8	12.0	57	3.09	60.9
455186		4.25	<0.001	0.14	6.34	6.9	140	2.21	0.35	1.36	0.08	61.7	23.6	85	3.40	121.0
455187		0.11	1.315	1.03	8.63	109.5	130	5.48	3.20	2.34	2.66	24.6	17.9	66	2.67	60.8
455188		4.12	0.001	<0.01	8.08	161.0	180	3.40	0.18	2.70	0.06	167.5	13.4	58	5.58	50.3
455189		4.44	<0.001	0.08	6.04	7.4	130	1.78	0.11	1.34	0.04	54.3	11.4	82	4.32	41.6
455190		4.32	0.004	0.28	6.59	93.6	140	1.66	0.20	1.82	2.40	51.4	19.1	86	4.77	121.5
455191		0.24	<0.001	0.01	0.05	1.3	40	0.10	0.02	16.75	0.06	0.80	0.4	1	0.45	1.1
455192		4.57	0.007	0.33	7.01	27.2	240	1.73	0.20	1.04	2.23	92.0	17.7	69	5.21	151.5
455193		3.97	0.009	0.40	6.40	26.2	280	1.57	0.26	0.99	3.10	86.9	26.5	63	4.75	194.0
455194		4.18	0.015	0.39	4.63	110.5	180	1.32	0.22	2.27	0.20	62.4	24.3	132	2.88	210
455195		4.43	0.011	0.34	5.41	47.7	210	1.92	0.22	2.91	1.47	94.7	23.9	170	3.91	196.5
455196		0.11	8.31	1.51	8.65	110.5	210	4.38	3.67	2.12	4.49	27.1	17.5	64	2.69	124.5
455197		4.54	0.016	0.42	5.65	58.1	240	2.34	0.30	0.65	2.44	89.9	36.1	87	4.21	283
455198		4.15	0.007	0.31	6.04	20.4	210	1.85	0.28	0.79	2.37	69.5	21.6	106	4.41	209
455199		4.46	0.001	0.10	7.22	19.2	180	1.89	0.09	1.53	0.08	61.3	15.5	108	5.47	101.5
455200		4.24	0.009	0.27	7.85	33.6	150	1.46	0.34	0.88	5.68	63.7	55.3	99	5.90	142.0

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 3- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196923

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455181		12.75	24.8	0.15	9.9	0.348	0.119	2.31	51.4	41.0	1.26	1110	20.0	0.87	39.7	91.1
455182		12.05	21.5	0.11	8.1	0.411	0.113	2.09	42.4	46.5	1.16	1070	19.05	0.81	36.5	88.4
455183		10.65	26.2	0.18	16.3	0.256	0.099	2.01	59.6	55.7	2.07	1810	14.25	0.20	95.7	48.6
455184		8.04	29.4	0.18	16.0	0.255	0.139	2.77	64.8	49.4	1.65	1640	21.2	0.14	98.8	57.2
455185		15.65	14.75	0.11	5.0	0.112	0.084	1.62	29.4	36.7	1.63	2630	14.05	0.08	12.4	58.1
455186		16.10	16.90	0.12	3.9	0.149	0.098	1.69	34.8	52.9	1.76	2480	13.75	0.07	10.4	81.3
455187		5.34	25.3	0.08	1.7	0.008	0.094	4.14	11.2	2.9	1.76	469	1.38	3.60	15.1	67.7
455188		8.97	33.6	0.21	23.5	0.067	0.126	3.15	78.6	42.7	1.87	1540	17.35	0.12	121.5	45.0
455189		12.15	15.65	0.09	3.3	0.077	0.093	2.50	29.6	26.7	1.63	2860	10.55	0.09	6.1	38.4
455190		15.60	17.10	0.13	3.6	0.469	0.152	2.85	28.7	35.4	1.60	2210	11.25	0.09	7.7	89.6
455191		0.15	0.25	0.09	0.1	<0.005	<0.005	0.02	<0.5	15.3	12.50	313	0.13	0.02	0.2	0.9
455192		13.50	22.0	0.15	5.5	0.389	0.141	3.15	51.5	33.5	1.01	611	22.1	0.10	17.3	107.0
455193		14.45	20.4	0.13	4.5	0.487	0.156	2.99	48.5	33.2	0.91	522	19.55	0.08	13.1	128.5
455194		16.85	15.00	0.12	2.9	0.275	0.068	1.93	34.5	33.1	2.06	2570	18.50	0.05	10.2	151.5
455195		12.90	18.20	0.13	4.0	0.354	0.114	2.49	50.5	39.0	1.99	2060	26.0	0.06	15.7	126.5
455196		5.72	26.1	0.08	1.7	0.015	0.186	4.65	13.0	2.8	1.64	454	1.58	3.47	14.4	64.4
455197		14.35	19.30	0.13	4.9	0.410	0.152	2.58	47.3	42.4	1.10	879	24.1	0.07	13.6	154.0
455198		14.65	17.70	0.13	4.3	0.354	0.156	2.59	38.2	38.5	1.30	1490	22.3	0.08	8.7	122.5
455199		11.05	18.85	0.10	3.9	0.088	0.119	3.04	34.7	35.3	1.58	2450	15.00	0.12	9.8	55.3
455200		14.05	20.6	0.11	4.2	0.700	0.246	2.95	35.2	49.2	1.31	746	15.05	0.13	11.5	104.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 3- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196923

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455181		580	23.4	60.3	0.021	6.32	3.77	12.6	4	4.0	88.6	2.62	0.57	10.05	0.241	3.17
455182		560	23.1	55.2	0.023	6.36	3.69	12.9	4	3.5	81.2	2.19	0.50	8.85	0.227	2.91
455183		750	13.2	53.4	0.012	3.26	2.51	11.3	3	5.4	63.3	5.75	0.27	14.65	0.225	2.31
455184		630	12.9	73.9	0.018	2.35	2.92	12.7	3	6.4	64.0	5.76	0.25	15.65	0.260	3.08
455185		860	7.5	39.2	0.009	2.70	2.09	12.7	3	1.9	41.0	1.04	0.17	5.92	0.139	1.65
455186		980	10.2	43.2	0.014	4.38	2.81	15.1	3	1.8	37.9	0.56	0.33	5.39	0.163	1.82
455187		980	149.5	407	0.003	2.81	1.72	5.6	4	1.2	272	1.12	0.63	1.43	0.518	1.54
455188		680	10.0	75.9	0.013	2.09	2.18	13.6	4	7.3	62.6	8.56	0.19	21.2	0.212	2.96
455189		790	5.9	62.0	0.007	2.25	1.74	17.2	2	1.5	42.8	0.38	0.10	4.44	0.151	2.36
455190		870	20.4	72.2	0.010	7.13	3.59	19.3	3	3.1	51.6	0.49	0.26	3.91	0.241	2.75
455191		50	1.4	1.0	<0.002	0.02	0.19	0.2	1	<0.2	108.0	<0.05	<0.05	0.09	<0.005	0.07
455192		370	26.1	86.0	0.023	7.83	5.10	10.5	5	3.1	41.5	1.09	0.53	9.00	0.191	3.02
455193		390	29.9	83.9	0.026	8.65	5.83	10.5	7	2.9	38.3	0.92	0.77	8.35	0.185	2.81
455194		1150	28.6	56.5	0.022	8.58	6.13	11.3	5	1.9	65.6	0.72	0.93	5.91	0.193	1.79
455195		660	25.0	78.3	0.018	6.97	5.64	13.0	6	2.7	81.9	0.89	0.80	8.16	0.233	2.27
455196		920	202	480	0.002	3.44	2.12	5.2	4	1.3	264	0.94	0.84	1.62	0.501	1.93
455197		440	27.0	83.9	0.026	8.23	6.00	10.1	6	3.4	26.5	0.79	0.94	9.11	0.154	2.50
455198		630	19.6	74.1	0.020	6.97	4.05	14.9	6	2.4	33.0	0.57	0.73	6.39	0.186	2.68
455199		650	8.4	86.4	0.013	3.77	1.78	20.7	2	2.2	54.2	0.55	0.19	5.22	0.280	3.14
455200		740	20.5	76.4	0.013	7.19	4.38	21.3	4	3.5	44.0	0.74	0.34	5.12	0.293	3.45

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Finalized Date: 3- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196923

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455181		12.2	192	1.3	21.3	425	363
455182		11.6	179	1.2	18.6	468	304
455183		9.4	125	1.3	34.4	291	>500
455184		9.7	147	1.6	36.3	339	>500
455185		7.2	115	0.9	13.9	172	174.5
455186		8.2	156	0.9	13.0	258	149.5
455187		0.7	65	0.7	6.5	236	74.7
455188		11.0	134	1.6	45.7	123	>500
455189		5.8	132	0.8	11.4	98	129.0
455190		9.5	171	1.1	14.3	760	138.5
455191		0.4	3	0.4	0.5	19	1.8
455192		14.2	230	1.0	15.7	671	213
455193		15.1	275	1.0	14.0	864	171.5
455194		8.9	246	1.0	10.5	100	110.0
455195		8.2	216	1.3	13.9	434	156.5
455196		0.9	63	0.4	6.7	375	74.2
455197		8.9	205	1.2	12.2	678	183.5
455198		10.1	203	1.1	11.7	676	163.5
455199		8.8	164	1.1	11.9	85	156.0
455200		13.9	203	1.1	12.9	1440	166.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 3- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17196923

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205671

Project: KAN

P.O. No.: KANDH17- 012

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

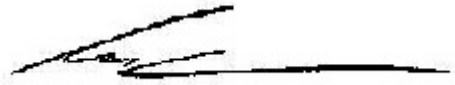
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205671

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455221		4.66	0.006	0.33	5.14	89.2	200	1.28	0.26	2.26	2.46	64.9	22.7	143	4.83	129.0
455222		<0.02	0.008	0.33	4.99	93.9	190	1.29	0.30	2.19	2.66	65.1	23.7	145	4.52	131.5
455223		4.46	0.006	0.36	5.92	25.8	210	1.50	0.23	0.66	2.31	89.6	18.8	109	5.13	132.0
455224		4.38	0.006	0.41	5.85	37.7	220	1.65	0.23	1.43	3.43	76.2	13.8	81	5.61	149.5
455225		4.55	0.004	0.33	7.00	53.2	230	1.49	0.19	0.39	2.71	89.4	13.9	81	6.52	124.5
455226		4.84	0.003	0.29	6.92	28.9	230	1.14	0.17	1.70	1.97	95.1	9.9	67	6.55	115.0
455227		0.12	1.330	1.04	7.58	104.0	110	4.46	2.85	2.14	2.65	22.2	18.9	62	2.64	61.2
455228		4.11	0.015	0.32	6.81	66.1	220	1.19	0.36	1.51	1.84	93.5	25.4	62	6.44	111.5
455229		4.72	0.005	0.26	7.76	78.0	240	1.51	0.28	0.41	1.65	90.8	25.2	83	7.59	97.3
455230		4.42	0.001	0.23	7.03	36.2	200	1.30	0.15	1.14	1.05	78.4	14.5	88	7.15	99.9
455231		0.22	0.002	<0.01	0.08	0.3	10	0.06	0.03	31.5	0.02	1.71	0.5	2	<0.05	2.9
455232		4.50	0.004	0.27	7.01	24.7	220	1.31	0.20	1.09	2.13	98.1	19.2	73	7.07	121.5
455233		4.55	0.003	0.46	5.68	57.5	210	1.58	0.29	1.01	3.79	80.5	16.2	77	5.51	196.0
455234		4.56	0.018	0.53	5.30	65.6	170	1.53	0.71	0.28	3.59	54.5	66.4	99	5.05	182.5
455235		4.79	0.003	0.48	5.36	16.5	240	1.92	0.35	0.29	2.36	79.5	25.2	92	5.08	181.5
455236		0.12	8.36	1.60	7.57	104.5	190	4.12	3.66	1.87	4.46	24.2	18.7	57	2.64	114.5
455237		4.21	0.006	0.26	6.29	42.7	260	2.22	0.20	0.49	0.79	86.0	47.8	80	6.06	129.0
455238		4.08	0.001	0.34	6.78	26.7	240	1.51	0.22	0.30	3.37	79.3	9.8	96	6.46	145.0
455239		5.20	<0.001	0.29	6.57	23.0	230	1.46	0.21	0.30	2.36	70.5	19.6	83	6.34	139.0
455240		2.41	0.016	0.23	6.06	59.9	60	0.43	0.05	4.77	0.29	16.40	55.9	153	0.56	166.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205671

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455221		12.35	17.00	0.12	3.1	0.417	0.138	2.54	35.8	31.3	1.61	1180	25.8	0.07	7.8	110.5
455222		13.15	16.55	0.13	2.9	0.429	0.140	2.45	35.9	30.5	1.60	1260	25.0	0.06	7.5	117.5
455223		12.65	20.1	0.14	4.1	0.387	0.138	2.82	48.2	36.3	1.28	736	19.55	0.07	11.3	115.5
455224		14.25	20.4	0.13	5.5	0.518	0.154	2.94	41.2	33.0	1.29	791	28.6	0.07	14.8	128.0
455225		12.05	22.7	0.12	4.5	0.344	0.159	3.42	50.7	32.5	0.95	364	25.5	0.09	13.6	105.0
455226		11.30	23.2	0.15	4.7	0.272	0.132	3.42	54.0	28.2	1.37	481	24.1	0.09	16.7	103.0
455227		5.00	24.8	0.07	1.7	0.007	0.094	3.97	10.3	2.4	1.67	423	1.44	3.49	15.7	66.9
455228		12.25	21.7	0.15	4.3	0.401	0.130	3.33	52.7	26.6	1.18	376	25.2	0.09	16.8	108.5
455229		11.10	23.8	0.15	4.4	0.357	0.127	3.79	49.6	30.8	0.91	290	25.7	0.10	19.0	96.0
455230		9.36	21.5	0.13	3.8	0.176	0.093	3.44	44.2	28.9	1.06	289	26.5	0.10	12.8	87.7
455231		0.23	0.27	0.08	0.1	<0.005	0.011	0.02	1.6	0.9	1.87	155	0.11	0.03	0.2	0.4
455232		11.50	23.2	0.14	5.1	0.338	0.130	3.47	55.3	30.1	1.16	382	25.2	0.09	17.2	104.5
455233		15.60	19.55	0.15	4.3	0.442	0.163	2.93	44.0	35.5	1.37	899	28.4	0.06	10.5	149.0
455234		17.40	18.00	0.14	2.9	0.711	0.163	2.77	29.3	37.2	0.86	279	28.4	0.06	6.0	153.0
455235		15.80	19.85	0.14	4.3	0.338	0.140	2.82	43.6	42.1	0.98	340	34.5	0.05	11.4	149.0
455236		5.27	26.0	0.09	1.7	0.015	0.188	4.42	11.9	2.7	1.54	397	1.63	3.31	14.8	64.8
455237		11.95	22.1	0.15	4.4	0.200	0.113	3.31	48.2	47.1	0.99	273	31.1	0.07	13.4	97.2
455238		12.30	22.3	0.15	3.9	0.389	0.157	3.52	44.3	46.0	1.02	279	29.6	0.07	12.7	121.0
455239		11.70	22.0	0.13	4.0	0.350	0.138	3.38	39.7	43.6	1.01	246	27.9	0.08	11.7	116.0
455240		12.85	14.90	0.08	1.1	0.226	0.066	0.26	7.7	21.6	3.87	1040	3.30	1.16	4.2	164.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205671

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455221		480	25.3	86.2	0.022	6.95	6.55	12.8	5	2.2	79.0	0.50	0.79	6.63	0.164	2.31
455222		510	26.5	83.0	0.022	7.50	6.56	12.3	5	2.1	77.9	0.46	0.73	6.49	0.156	2.28
455223		350	24.1	96.0	0.018	6.65	6.29	10.5	3	2.4	34.0	0.68	0.61	9.52	0.148	2.42
455224		510	30.3	99.8	0.021	7.72	7.59	10.7	5	2.9	65.9	0.98	0.71	8.97	0.160	2.50
455225		370	22.5	108.5	0.022	6.44	5.35	11.8	4	3.0	33.7	0.91	0.63	9.59	0.182	2.93
455226		280	20.8	103.0	0.021	6.27	4.65	11.0	5	2.7	80.6	1.29	0.55	9.32	0.194	2.69
455227		930	140.0	334	0.002	2.67	1.74	5.0	4	1.2	250	1.26	0.45	1.26	0.474	1.49
455228		380	28.6	100.5	0.024	7.94	6.78	11.4	4	2.4	73.9	1.26	1.56	9.09	0.203	2.74
455229		280	22.8	110.0	0.021	7.07	5.53	11.5	4	2.5	39.1	1.23	1.21	8.86	0.247	3.05
455230		210	15.6	106.0	0.021	5.22	3.66	11.6	3	2.1	64.6	0.86	0.57	8.91	0.201	2.63
455231		60	0.7	0.7	<0.002	0.02	0.08	0.2	<1	<0.2	76.7	<0.05	<0.05	0.29	0.005	0.02
455232		280	21.4	109.0	0.022	6.49	4.97	12.1	5	2.9	60.6	1.24	0.64	10.00	0.194	2.67
455233		440	26.7	100.5	0.018	8.30	6.18	11.4	6	2.4	55.8	0.71	0.89	7.83	0.147	2.28
455234		230	37.2	95.0	0.019	>10.0	9.37	13.1	8	2.7	22.0	0.34	2.80	5.18	0.160	2.26
455235		290	29.7	99.2	0.029	8.59	6.95	13.7	7	3.1	24.5	0.65	0.93	6.95	0.173	2.18
455236		850	187.5	421	0.002	3.16	2.11	5.0	3	1.3	237	0.97	0.84	1.44	0.438	1.86
455237		290	20.9	114.5	0.025	7.19	5.12	11.7	4	2.9	34.0	0.85	0.63	8.61	0.186	2.36
455238		290	21.1	120.5	0.023	6.59	5.51	12.7	5	2.9	31.6	0.88	0.64	8.88	0.197	2.46
455239		230	19.8	116.5	0.020	6.36	4.67	12.4	4	2.6	35.9	0.80	0.57	8.00	0.184	2.29
455240		350	14.1	11.6	0.003	6.00	3.38	28.7	3	0.6	96.3	0.24	1.10	1.09	0.480	0.43

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205671

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455221		9.2	222	1.2	9.4	596	116.5
455222		8.7	215	1.1	9.5	652	113.0
455223		8.0	190	1.0	9.8	572	146.0
455224		11.3	235	1.2	12.7	810	204
455225		15.5	284	1.3	11.5	642	167.5
455226		15.3	257	1.2	12.5	480	169.5
455227		0.7	61	0.7	6.3	230	75.5
455228		16.7	281	1.3	13.0	439	158.0
455229		17.2	307	1.4	12.1	384	166.5
455230		13.1	235	1.3	9.9	248	143.0
455231		0.2	1	<0.1	2.2	4	2.1
455232		16.1	274	1.3	13.0	508	184.0
455233		11.1	239	1.4	11.6	879	161.5
455234		9.7	211	1.5	9.6	849	111.0
455235		10.8	255	1.7	11.8	576	176.5
455236		0.9	57	0.5	6.2	347	73.7
455237		13.1	314	1.8	12.8	198	170.5
455238		14.4	305	1.6	10.3	844	145.5
455239		12.3	293	1.4	9.7	616	143.0
455240		1.3	247	0.4	17.3	117	41.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205671

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205673

Project: KAN

P.O. No.: KANDH17- 013

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

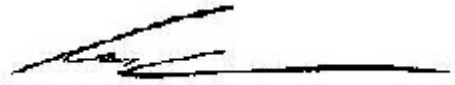
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205673

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455241		1.94	<0.001	0.04	5.23	2.2	90	0.28	0.02	4.94	0.13	10.25	32.6	130	7.85	118.0
455242		<0.02	<0.001	0.02	5.08	4.0	80	0.23	0.02	4.82	0.11	13.00	34.2	127	7.08	101.5
455243		3.36	0.002	0.14	4.28	3.0	60	0.52	0.11	4.38	0.11	25.5	35.9	104	2.70	183.5
455244		2.35	0.179	0.30	1.09	81.7	30	0.15	0.13	4.05	0.41	6.75	18.1	20	1.61	288
455245		1.81	1.370	0.11	0.40	11.3	30	0.36	0.08	2.61	0.42	12.30	5.4	10	7.76	80.0
455246		2.24	0.221	0.02	0.22	14.1	20	0.61	0.03	0.99	0.26	9.51	3.8	17	5.34	36.1
455247		0.12	1.315	1.13	8.07	90.6	130	5.13	2.64	2.19	3.02	27.6	18.8	58	2.61	58.9
455248		2.86	4.39	0.27	0.20	18.8	20	1.02	0.02	1.29	0.17	10.60	5.6	16	4.71	37.0
455249		2.13	0.282	0.04	0.16	30.9	10	1.00	0.02	2.19	0.22	11.15	6.4	10	3.90	47.7
455250		2.80	0.481	0.07	0.23	16.2	20	1.64	0.03	1.01	0.14	18.30	8.0	9	6.10	81.3
455251		0.26	<0.001	<0.01	0.05	<0.2	10	0.05	0.01	30.4	0.02	1.14	0.6	3	<0.05	1.3
455252		2.42	0.035	0.02	0.20	3.3	20	0.95	0.02	1.58	0.16	12.70	11.7	11	5.40	23.1
455253		2.31	0.003	0.04	0.18	0.5	20	1.81	0.02	1.49	0.17	10.50	9.6	6	4.74	23.4
455254		3.06	0.056	0.08	1.13	6.3	50	1.34	0.07	3.48	0.24	21.3	25.4	30	9.82	89.2
455255		1.62	<0.001	0.01	6.42	40.9	60	0.79	0.01	4.33	0.13	10.90	43.7	146	0.47	3.3
455256		0.11	8.54	1.53	7.80	92.1	190	4.34	3.30	1.90	4.47	28.7	17.9	57	2.48	114.0
455257		1.81	<0.001	0.04	5.73	26.9	50	0.61	0.01	6.26	0.16	10.10	29.2	128	0.42	40.2
455258		2.09	0.002	0.13	6.24	64.9	70	0.80	0.01	5.01	0.22	9.71	51.4	139	0.55	168.5
455259		2.14	<0.001	0.05	6.59	62.0	30	0.57	0.02	5.07	0.12	9.06	43.5	152	0.46	81.0
455260		2.18	<0.001	0.06	6.96	50.4	20	0.54	0.02	5.37	0.11	9.96	42.8	151	0.38	135.0

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205673

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455241		12.95	12.35	0.06	0.8	0.040	0.057	0.24	4.6	10.7	3.59	4570	0.57	1.38	3.6	103.5
455242		12.35	12.45	0.05	0.9	0.028	0.055	0.22	6.3	10.4	3.54	4350	0.58	1.32	3.4	101.5
455243		15.25	12.15	0.07	1.1	0.052	0.049	0.28	11.7	13.4	3.07	3650	4.20	0.76	5.8	98.9
455244		21.2	3.82	0.08	0.2	0.024	0.035	0.06	3.7	3.7	1.36	6020	1.21	0.06	1.0	46.6
455245		22.9	1.60	0.09	0.2	0.170	0.022	0.21	7.7	1.7	1.87	13100	0.49	0.05	1.7	11.8
455246		25.1	1.75	0.09	0.1	0.053	0.006	0.12	6.5	0.8	1.55	8170	1.18	0.05	0.9	3.3
455247		5.10	26.8	0.09	1.8	0.007	0.099	4.08	12.2	3.2	1.70	450	1.47	3.47	15.7	70.9
455248		25.0	1.46	0.07	0.1	0.087	0.005	0.10	7.0	0.7	1.69	6410	1.05	0.05	1.7	3.5
455249		27.9	1.89	0.09	0.2	0.032	0.007	0.08	7.3	0.7	1.55	7980	0.73	0.04	1.6	4.5
455250		24.9	1.25	0.09	0.1	0.032	0.017	0.13	11.3	0.8	1.70	5790	0.57	0.05	2.4	4.5
455251		0.26	0.20	<0.05	<0.1	<0.005	<0.005	0.01	1.3	1.1	2.40	194	0.15	0.03	0.1	<0.2
455252		25.9	1.80	0.08	0.1	0.015	0.021	0.12	8.5	1.5	1.89	5920	1.28	0.04	1.7	3.9
455253		29.1	2.47	0.11	0.1	0.014	0.023	0.10	6.9	1.3	1.76	6340	1.57	0.04	1.5	4.1
455254		22.5	4.17	0.09	0.4	0.021	0.086	0.23	12.8	5.8	1.77	9140	1.56	0.14	3.1	21.2
455255		8.63	17.60	0.05	1.2	<0.005	0.063	0.48	4.1	35.1	3.72	1460	0.17	2.08	2.9	95.5
455256		5.25	26.1	0.10	1.6	0.017	0.177	4.24	13.8	3.0	1.52	404	1.53	3.16	13.5	65.0
455257		8.26	14.80	0.07	1.1	0.005	0.067	0.45	3.8	30.7	3.58	1820	0.66	1.44	1.9	83.9
455258		8.04	16.15	0.05	1.0	0.024	0.075	0.65	3.6	28.2	3.72	1480	0.38	1.73	1.8	110.5
455259		8.51	14.60	<0.05	1.0	0.014	0.060	0.48	3.3	23.9	3.89	1370	0.28	1.98	1.5	102.5
455260		8.95	15.85	<0.05	1.1	0.029	0.074	0.38	3.7	29.3	4.29	1340	0.32	1.81	1.4	123.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205673

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455241		450	1.2	16.8	<0.002	0.45	0.23	20.8	1	0.5	100.0	0.20	<0.05	0.38	0.428	0.06
455242		420	1.1	15.4	0.002	0.35	0.23	21.1	1	0.5	97.4	0.19	<0.05	0.42	0.427	0.06
455243		390	4.2	13.9	0.007	2.80	0.37	20.1	2	0.6	73.9	0.40	0.14	1.38	0.393	0.13
455244		350	5.5	4.4	<0.002	6.79	0.30	2.8	6	0.4	116.0	0.09	0.37	0.24	0.045	0.13
455245		370	3.7	17.9	0.002	2.36	0.35	0.7	1	0.5	72.1	0.08	0.18	0.37	0.018	0.25
455246		490	1.4	7.5	0.002	0.83	0.89	0.3	1	0.5	17.0	0.06	0.05	0.21	0.010	0.03
455247		940	156.5	402	0.002	2.69	1.59	5.5	4	1.2	257	1.23	0.42	1.51	0.482	1.51
455248		520	1.1	6.6	<0.002	0.63	0.80	0.4	1	0.6	23.7	0.06	<0.05	0.24	0.012	0.03
455249		480	1.3	5.1	<0.002	0.47	0.87	0.5	1	0.8	41.2	0.08	<0.05	0.30	0.016	0.02
455250		470	1.2	7.5	<0.002	0.82	0.98	0.5	1	0.7	16.4	0.08	0.05	0.29	0.015	0.03
455251		60	<0.5	0.3	<0.002	<0.01	0.08	0.2	1	<0.2	76.0	<0.05	<0.05	0.09	<0.005	<0.02
455252		370	1.1	7.2	<0.002	0.27	1.13	0.5	<1	0.7	31.7	0.08	<0.05	0.27	0.013	0.02
455253		760	1.1	6.3	<0.002	0.52	1.14	0.4	<1	1.0	27.2	0.07	<0.05	0.20	0.011	0.02
455254		320	3.3	14.4	0.007	2.21	0.53	5.4	2	0.7	66.3	0.18	0.15	0.45	0.110	0.05
455255		420	3.5	17.8	<0.002	0.01	0.15	41.3	<1	0.9	126.0	0.20	<0.05	0.30	0.642	0.25
455256		850	181.0	470	0.004	3.19	1.88	5.1	4	1.3	235	0.90	0.79	1.45	0.436	1.88
455257		390	4.8	16.0	0.002	0.01	0.16	34.5	<1	0.5	135.5	0.14	<0.05	0.26	0.444	0.25
455258		400	3.9	24.2	0.002	0.04	0.18	38.2	1	0.7	123.0	0.13	<0.05	0.26	0.419	0.40
455259		430	4.8	17.3	0.003	0.07	0.28	36.5	<1	0.3	134.5	0.11	<0.05	0.28	0.348	0.23
455260		440	3.3	13.3	0.004	0.07	0.30	36.8	<1	0.3	124.0	0.10	<0.05	0.29	0.277	0.16

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CERTIFICATE OF ANALYSIS VO17205673

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455241		0.3	206	0.2	14.8	74	29.6
455242		0.3	205	0.1	14.4	72	29.3
455243		2.0	208	0.3	17.5	76	39.0
455244		0.3	42	0.1	5.4	62	8.4
455245		0.4	13	0.1	7.7	113	10.3
455246		0.2	15	0.1	7.8	110	5.8
455247		0.7	61	0.7	6.6	226	79.8
455248		0.2	15	0.1	9.6	87	5.0
455249		0.2	23	0.1	9.8	67	9.0
455250		0.4	11	0.1	13.8	61	6.6
455251		0.1	<1	<0.1	2.1	4	1.6
455252		0.5	14	0.1	9.5	57	6.4
455253		0.3	23	0.2	13.7	56	5.2
455254		0.7	72	0.2	11.5	55	16.9
455255		0.1	326	0.2	5.9	73	47.2
455256		0.9	56	0.5	6.2	329	74.0
455257		0.1	284	0.2	6.9	63	42.7
455258		0.1	300	0.3	5.5	69	43.5
455259		0.1	323	0.5	5.7	69	44.4
455260		0.1	322	0.3	6.5	84	47.4

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CERTIFICATE OF ANALYSIS VO17205673

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205675

Project: KAN

P.O. No.: KANDH17- 014

This report is for 19 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

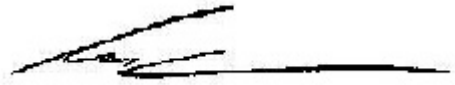
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17205675

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455261		2.11	<0.001	0.04	6.70	71.2	30	0.49	0.02	5.15	0.07	8.56	47.0	162	0.42	69.4
455262		<0.02	<0.001	0.05	6.67	66.0	30	0.46	0.03	5.07	0.07	8.47	46.9	166	0.42	81.6
455263		2.21	<0.001	0.03	6.78	56.7	20	0.47	0.02	5.10	0.07	7.63	46.2	168	0.38	62.8
455264		1.99	0.003	0.13	6.54	51.1	20	0.40	0.03	5.73	0.13	7.92	43.8	146	0.33	253
455265		2.02	0.016	0.22	6.69	48.6	10	0.33	0.03	5.63	0.18	6.57	61.4	177	0.18	661
455266		1.87	0.021	0.41	6.49	65.1	10	0.28	0.02	5.07	0.30	7.35	78.9	161	0.16	1340
455267		0.12	1.305	1.05	7.96	97.0	120	4.45	2.91	2.15	2.65	23.9	17.0	60	2.48	59.9
455268		2.05	0.001	0.05	6.52	43.3	20	0.38	0.02	5.59	0.08	7.08	50.7	198	0.22	174.5
455269		1.91	0.003	0.09	6.68	42.4	10	0.32	0.02	5.26	0.09	7.83	55.9	125	0.17	273
455270		2.19	0.017	0.39	6.47	63.0	10	0.30	0.02	5.89	0.28	6.44	62.0	120	0.17	1135
455271		0.28	0.005	<0.01	0.13	0.4	10	0.06	0.02	32.7	0.02	1.12	0.9	3	<0.05	6.2
455272		3.89	0.002	0.08	6.25	41.1	20	0.34	0.01	6.85	0.11	6.30	41.0	167	0.23	220
455274		2.22	0.003	0.11	7.39	39.9	20	0.37	0.02	5.61	0.11	7.79	51.1	176	0.24	301
455275		1.82	0.003	0.12	7.08	44.8	30	0.41	0.02	6.57	0.10	7.69	54.7	167	0.31	346
455276		0.11	8.70	1.74	8.33	98.7	210	3.75	3.86	2.00	4.40	27.0	17.1	60	2.60	127.5
455277		1.94	0.003	0.09	6.44	71.1	40	0.48	0.03	6.02	0.12	6.82	49.9	152	0.42	212
455278		2.15	0.009	0.38	7.06	255	110	0.69	0.02	5.49	0.22	7.22	53.5	245	0.77	634
455279		2.97	0.004	0.14	7.54	208	130	0.93	0.02	4.29	0.19	18.15	54.0	261	0.61	246
455280		1.26	<0.001	0.01	4.04	32.3	<10	0.15	0.02	0.92	0.06	3.90	21.3	187	0.16	6.9

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Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205675

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455261		8.39	12.60	<0.05	0.9	0.020	0.055	0.46	3.1	31.9	4.86	1360	0.25	1.49	0.9	183.0
455262		8.29	12.80	<0.05	0.9	0.023	0.063	0.46	3.0	30.4	4.79	1310	0.23	1.51	1.1	179.5
455263		7.95	14.40	<0.05	0.7	0.025	0.057	0.45	2.7	29.5	4.54	1220	0.14	1.78	0.9	170.0
455264		7.79	13.85	<0.05	0.6	0.059	0.074	0.36	2.8	28.3	4.46	1300	0.28	1.71	1.0	202
455265		8.14	13.50	<0.05	0.7	0.140	0.074	0.09	2.4	35.5	4.75	1220	0.23	1.61	0.9	324
455266		9.48	13.75	0.05	0.9	0.275	0.075	0.09	2.7	38.1	5.46	1250	0.18	0.90	0.8	598
455267		5.03	23.6	0.10	1.6	0.010	0.095	3.99	11.6	2.5	1.67	440	1.26	3.41	14.4	65.1
455268		7.80	12.85	<0.05	0.9	0.028	0.049	0.19	2.6	33.1	5.38	1400	0.16	1.72	0.6	240
455269		9.29	14.50	<0.05	1.0	0.068	0.051	0.09	2.8	39.3	5.11	1210	0.17	1.09	0.9	274
455270		8.90	13.25	<0.05	0.6	0.230	0.084	0.10	2.3	34.8	4.92	1380	0.19	1.38	0.7	481
455271		0.26	0.33	0.09	<0.1	<0.005	0.006	0.01	1.3	1.5	2.13	194	<0.05	0.04	0.1	5.3
455272		7.62	12.10	<0.05	0.5	0.044	0.049	0.19	2.3	36.8	4.82	1400	0.24	1.34	0.5	216
455274		8.78	15.30	<0.05	0.8	0.058	0.067	0.20	2.8	40.1	5.12	1360	0.21	1.76	0.8	250
455275		8.73	14.60	<0.05	0.7	0.078	0.068	0.33	2.8	36.4	4.89	1360	0.20	1.47	0.7	243
455276		5.55	24.5	0.09	1.6	0.017	0.173	4.70	13.8	2.5	1.61	433	1.45	3.43	14.5	63.4
455277		8.19	13.55	0.05	0.7	0.037	0.055	0.51	2.5	33.5	4.79	1480	0.29	1.12	0.6	229
455278		7.94	14.00	<0.05	0.7	0.045	0.059	1.10	2.7	29.5	5.11	1320	0.26	1.21	0.6	343
455279		8.45	14.90	0.05	1.3	0.023	0.045	0.80	8.3	36.0	4.90	2310	0.32	1.85	1.9	298
455280		8.13	9.75	<0.05	0.4	0.012	0.026	0.01	1.7	30.8	3.00	1820	1.38	0.06	5.2	150.0

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205675

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455261		390	4.5	16.4	0.003	0.05	0.28	33.9	<1	0.2	121.0	0.07	<0.05	0.28	0.200	0.19
455262		370	5.9	16.4	0.003	0.08	0.25	33.6	<1	0.3	121.0	0.08	<0.05	0.29	0.232	0.17
455263		330	3.9	16.4	0.003	0.10	0.24	33.5	1	0.2	130.0	0.07	<0.05	0.21	0.204	0.19
455264		340	7.4	13.4	0.004	0.15	0.27	31.7	1	0.2	139.5	0.08	0.05	0.22	0.221	0.16
455265		290	4.9	3.4	0.004	0.17	0.24	32.7	1	0.2	125.5	0.07	0.05	0.18	0.205	0.06
455266		340	3.2	3.1	0.006	0.34	0.26	31.3	2	0.3	100.0	0.07	0.09	0.22	0.176	0.08
455267		950	140.0	389	0.004	2.67	1.51	5.0	4	1.1	254	1.10	0.60	1.57	0.477	1.31
455268		310	2.1	7.1	0.004	0.03	0.20	30.0	1	0.2	116.0	0.06	<0.05	0.18	0.141	0.08
455269		380	2.2	3.4	0.004	0.15	0.22	32.7	1	0.2	111.0	0.07	<0.05	0.22	0.213	0.04
455270		280	3.0	3.8	0.005	0.36	0.20	30.9	2	0.2	123.0	0.05	0.10	0.16	0.169	0.07
455271		70	<0.5	0.3	<0.002	<0.01	<0.05	0.5	2	<0.2	81.7	<0.05	<0.05	0.06	0.007	<0.02
455272		270	4.9	7.5	0.003	0.05	0.15	29.2	<1	0.2	144.5	<0.05	<0.05	0.17	0.136	0.08
455274		340	2.6	7.6	0.003	0.09	0.20	34.3	1	0.2	132.0	0.06	<0.05	0.26	0.194	0.08
455275		340	4.5	12.3	0.003	0.18	0.18	34.0	1	0.2	153.0	0.05	<0.05	0.20	0.164	0.14
455276		920	184.0	500	0.005	3.38	1.92	5.0	3	1.3	255	0.94	0.93	1.48	0.474	1.72
455277		310	3.4	18.1	0.003	0.09	0.16	31.5	<1	0.2	152.0	<0.05	<0.05	0.19	0.151	0.23
455278		320	4.3	37.5	0.003	0.11	0.27	32.5	1	0.4	143.5	0.05	0.05	0.19	0.165	0.53
455279		270	2.9	21.9	0.002	0.04	0.23	25.9	1	0.8	138.5	0.09	<0.05	2.27	0.167	0.38
455280		190	0.6	0.6	<0.002	0.01	0.12	14.1	<1	<0.2	23.0	0.16	<0.05	0.19	0.254	<0.02

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205675

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455261		0.1	282	0.2	5.5	74	33.4
455262		0.1	281	0.3	5.5	73	35.2
455263		<0.1	287	0.2	5.1	68	27.8
455264		<0.1	277	0.2	5.7	71	49.2
455265		<0.1	263	0.3	5.5	83	26.3
455266		<0.1	274	0.2	5.4	96	31.8
455267		0.7	63	0.7	6.2	235	72.8
455268		<0.1	229	0.2	4.1	79	30.8
455269		<0.1	307	0.2	6.3	95	35.7
455270		<0.1	267	0.2	5.0	93	19.7
455271		0.1	5	0.2	2.3	4	1.4
455272		<0.1	235	0.2	4.8	80	15.6
455274		<0.1	293	0.2	5.3	87	31.7
455275		<0.1	291	0.2	5.7	86	29.2
455276		0.9	61	0.5	6.4	348	71.0
455277		<0.1	272	0.2	6.7	82	26.6
455278		<0.1	241	0.2	4.3	87	27.4
455279		0.5	188	0.4	4.9	153	50.3
455280		0.1	143	0.4	2.1	178	15.9

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Project: KAN

CERTIFICATE OF ANALYSIS VO17205675

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalized Date: 12- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205681

Project: KAN

P.O. No.: KANDH17- 015

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT	LEE SCHOLL	JAMIE TODD

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

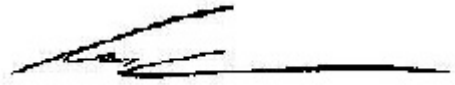
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17205681

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455281		1.98	<0.001	<0.01	8.60	33.4	480	1.73	0.02	0.67	0.03	61.2	17.7	133	1.80	15.8
455282		<0.02	<0.001	0.01	8.83	43.5	500	1.91	0.02	0.68	0.03	63.0	23.0	137	1.95	17.8
455283		1.96	<0.001	0.02	9.26	10.7	740	2.12	0.05	0.83	0.05	84.4	13.9	71	2.71	39.5
455284		2.16	<0.001	0.03	9.43	11.3	720	2.36	0.05	0.51	0.04	91.1	12.7	77	2.81	28.6
455285		2.00	<0.001	0.04	9.77	5.3	750	2.59	0.05	0.88	0.07	71.2	11.7	86	3.04	51.9
455286		1.82	<0.001	0.04	8.45	7.2	400	1.66	0.03	3.94	0.15	48.6	24.6	67	1.63	168.5
455287		0.12	1.355	1.12	8.54	97.7	130	4.92	3.01	2.29	2.70	26.7	18.5	65	2.72	62.7
455288		2.17	<0.001	0.02	6.65	29.1	220	0.86	0.02	5.32	0.19	16.45	31.6	123	1.20	42.1
455289		2.11	<0.001	0.02	7.80	18.1	250	1.24	0.02	3.53	0.10	35.2	30.5	91	1.34	54.9
455290		1.77	<0.001	0.02	7.70	4.1	260	1.31	0.02	4.19	0.14	41.4	24.3	84	1.40	78.5
455291		0.24	0.002	<0.01	0.13	<0.2	10	0.08	0.01	32.6	0.02	1.56	0.6	2	<0.05	1.4
455292		2.19	<0.001	0.08	6.69	43.9	140	0.68	0.01	4.88	0.25	16.40	40.4	133	1.13	68.4
455293		2.41	<0.001	0.01	5.41	41.2	160	0.62	0.02	9.23	0.34	10.90	22.8	116	1.15	4.3
455294		2.64	<0.001	0.07	7.95	<0.2	460	2.16	0.03	0.89	0.15	63.5	21.2	111	2.12	57.5
455295		0.72	0.007	0.20	7.40	<0.2	370	2.48	0.19	0.17	0.10	58.8	26.5	102	2.49	57.7
455296		0.11	8.45	1.47	7.72	111.5	190	4.19	3.85	1.92	4.16	26.3	17.5	57	2.48	121.5
455297		2.56	0.013	0.19	6.91	3.2	330	2.96	0.25	0.21	0.24	78.0	22.6	100	2.27	58.3
455298		1.60	0.005	0.15	7.28	0.9	350	3.42	0.22	0.12	0.13	48.4	18.9	110	2.32	39.4
455299		2.59	0.002	0.17	6.64	0.9	310	2.82	0.16	0.10	0.07	71.4	20.1	105	1.78	51.3
455300		2.15	0.001	0.16	5.54	0.2	180	1.57	0.19	0.14	0.09	45.5	11.8	90	0.94	33.9

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CERTIFICATE OF ANALYSIS VO17205681

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455281		6.53	20.1	0.08	3.8	0.010	0.036	2.25	32.3	30.0	2.14	967	1.01	1.39	8.1	111.0
455282		6.79	21.7	0.08	4.0	0.014	0.038	2.41	32.5	32.8	2.18	1020	0.97	1.44	8.7	119.5
455283		3.84	22.0	0.12	5.4	0.017	0.034	3.51	45.2	22.8	1.02	330	1.23	1.19	9.5	36.3
455284		4.25	23.1	0.12	5.4	0.013	0.039	3.29	47.8	25.3	1.29	443	1.10	1.62	10.0	36.7
455285		4.84	24.5	0.12	4.2	0.009	0.040	3.55	37.6	28.3	1.40	598	1.29	1.38	9.5	35.0
455286		7.36	20.5	0.10	3.0	0.020	0.057	2.13	24.5	21.0	1.59	1480	0.99	1.97	8.5	22.7
455287		5.32	24.4	0.10	1.8	0.009	0.109	4.26	12.8	2.9	1.77	465	1.40	3.61	15.8	69.9
455288		9.24	16.55	0.06	2.1	0.009	0.075	1.69	6.6	24.4	2.76	2000	0.47	0.63	4.4	41.5
455289		8.01	19.55	0.08	2.5	0.005	0.066	1.61	16.9	25.1	2.06	1520	0.60	1.69	7.4	26.8
455290		7.75	19.35	0.07	2.8	<0.005	0.062	1.64	20.1	27.1	1.94	1680	0.63	1.41	8.2	25.2
455291		0.26	0.35	0.09	0.1	<0.005	0.007	0.02	1.5	1.2	2.09	172	<0.05	0.04	0.2	2.4
455292		8.49	16.20	<0.05	1.6	0.008	0.075	1.46	6.4	28.6	3.44	1760	0.34	0.72	2.8	57.9
455293		5.90	12.60	<0.05	1.0	<0.005	0.052	1.31	4.5	25.6	2.54	2040	0.44	0.59	1.8	60.9
455294		9.85	20.7	0.09	2.0	<0.005	0.030	2.66	33.7	30.1	1.61	1380	3.34	0.05	12.0	65.3
455295		12.30	19.90	0.10	2.2	0.011	0.057	2.73	29.7	34.1	1.43	777	3.31	0.04	15.3	75.2
455296		5.24	24.6	0.11	1.6	0.018	0.172	4.29	12.6	3.0	1.55	417	2.57	3.21	13.4	70.8
455297		11.75	20.6	0.12	2.6	0.019	0.064	2.53	39.3	40.7	1.45	866	5.00	0.04	21.5	68.5
455298		10.75	21.6	0.10	2.4	0.014	0.062	2.73	21.0	44.4	1.53	896	3.37	0.04	16.3	52.1
455299		12.60	19.75	0.10	2.5	0.009	0.061	2.14	35.8	41.9	1.64	859	5.45	0.03	18.5	55.4
455300		14.05	16.05	0.07	1.7	0.012	0.052	1.06	23.0	33.9	1.77	1340	3.63	0.02	11.0	36.9

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Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205681

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455281		330	3.2	84.6	0.002	0.06	0.16	15.3	<1	1.2	42.2	0.56	<0.05	9.87	0.375	0.69
455282		340	3.3	81.5	0.004	0.08	0.17	16.1	1	1.2	44.8	0.59	<0.05	9.99	0.388	0.76
455283		350	7.7	152.5	0.006	0.16	0.21	12.1	1	1.0	49.6	0.74	<0.05	14.80	0.353	1.06
455284		370	13.8	147.0	0.004	0.08	0.20	12.8	1	1.1	50.0	0.76	<0.05	16.20	0.378	1.02
455285		330	18.1	161.0	0.002	0.14	0.20	14.3	1	1.3	59.1	0.71	<0.05	14.95	0.376	1.06
455286		460	7.6	91.8	0.004	0.58	0.15	27.3	1	0.8	127.0	0.63	<0.05	6.85	0.599	0.73
455287		990	151.5	419	0.004	2.80	1.59	5.5	4	1.2	272	1.11	0.47	1.37	0.509	1.38
455288		500	4.3	68.7	0.003	0.11	0.12	39.6	1	0.6	120.0	0.30	<0.05	1.20	0.797	0.61
455289		480	4.0	69.6	0.002	0.25	0.15	31.4	1	0.8	101.0	0.52	<0.05	4.36	0.655	0.56
455290		440	5.2	71.6	0.003	0.41	0.13	28.9	1	0.7	119.5	0.59	<0.05	4.81	0.599	0.60
455291		80	<0.5	0.8	0.002	0.01	0.05	0.4	1	<0.2	78.9	<0.05	<0.05	0.12	0.009	<0.02
455292		490	3.5	59.8	0.004	0.04	0.11	38.9	1	0.8	107.5	0.20	<0.05	0.94	0.638	0.57
455293		340	6.5	55.6	0.003	<0.01	0.14	26.3	<1	0.7	168.0	0.11	<0.05	0.95	0.336	0.49
455294		260	3.7	112.5	0.009	1.26	0.16	14.3	2	0.7	28.1	0.86	<0.05	8.67	0.341	1.00
455295		300	8.5	119.5	0.009	3.26	0.61	13.7	3	1.6	11.9	0.99	0.12	8.46	0.359	1.06
455296		860	204	431	0.006	3.17	2.07	4.9	3	1.3	233	0.87	1.01	1.45	0.456	1.94
455297		350	12.6	116.0	0.008	3.29	0.91	13.3	2	1.9	12.5	1.28	0.10	9.47	0.359	1.28
455298		310	8.8	109.0	0.006	2.52	0.72	14.6	2	2.3	10.3	1.09	0.06	7.13	0.407	1.35
455299		270	7.4	96.1	0.012	3.16	0.43	13.1	2	2.3	8.1	1.23	0.12	8.49	0.335	0.93
455300		260	9.2	46.3	0.007	3.05	0.24	10.2	2	1.7	6.5	0.69	0.10	5.79	0.250	0.48

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205681

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455281		2.1	134	0.9	7.0	143	141.5
455282		2.1	138	0.9	7.4	149	153.5
455283		3.0	97	1.2	8.4	83	202
455284		2.9	92	1.2	8.2	90	198.0
455285		2.8	104	1.1	7.1	79	160.5
455286		2.0	263	0.8	9.1	89	111.5
455287		0.6	66	0.7	6.7	247	78.1
455288		0.3	374	1.0	5.9	107	69.4
455289		1.7	310	0.9	7.9	95	91.5
455290		1.8	282	0.9	8.8	86	98.9
455291		0.1	4	0.1	2.3	4	2.2
455292		0.2	357	0.5	6.1	81	63.0
455293		0.3	244	0.5	6.1	59	36.8
455294		5.2	228	1.7	6.6	123	76.7
455295		5.8	238	2.1	7.1	156	82.0
455296		1.0	57	0.5	6.3	328	72.0
455297		7.0	273	2.0	9.2	160	101.0
455298		5.2	240	2.0	6.8	181	91.1
455299		7.1	250	1.6	8.5	150	92.3
455300		4.7	193	0.8	6.3	144	62.9

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CERTIFICATE OF ANALYSIS VO17205681

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205682

Project: KAN

P.O. No.: KANDH17- 016

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

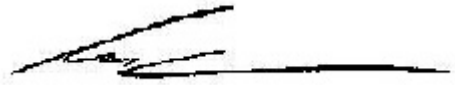
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205682

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455301		1.95	0.006	0.20	2.30	0.4	<10	0.25	0.15	2.57	0.56	12.10	16.3	46	0.78	65.5
455302		<0.02	<0.001	0.23	2.33	0.4	<10	0.35	0.17	2.65	0.52	13.70	18.3	45	0.82	64.7
455303		3.22	0.002	0.32	3.58	0.5	10	0.58	0.17	1.68	0.39	35.4	19.3	90	2.38	103.0
455304		1.67	0.002	0.28	0.48	64.2	10	0.42	0.27	3.78	0.42	15.25	15.2	34	0.88	77.5
455305		2.15	<0.001	0.27	0.75	2.5	10	0.86	0.47	3.87	0.27	16.70	9.3	38	3.69	37.8
455306		1.90	0.001	0.10	0.49	7.1	20	1.19	0.13	0.78	0.08	14.25	6.7	45	12.00	20.3
455307		0.11	1.315	1.05	7.78	104.5	110	5.33	3.06	2.18	2.63	23.2	20.2	63	2.73	61.5
455308		2.53	<0.001	0.07	0.35	35.8	20	1.17	0.05	0.48	0.09	12.85	8.0	20	11.40	11.0
455309		2.28	<0.001	0.01	0.52	9.9	30	1.13	0.02	0.56	0.10	15.45	7.6	23	17.80	3.1
455310		2.24	0.001	0.02	0.60	50.2	30	0.98	0.02	0.72	0.08	16.75	10.0	23	20.1	2.3
455311		0.27	0.001	<0.01	0.05	0.4	10	0.06	0.02	35.3	0.02	1.17	0.8	2	0.10	1.3
455312		2.33	<0.001	0.55	0.51	0.6	20	1.07	0.02	1.05	0.09	15.25	7.4	28	15.55	6.2
455313		2.52	0.003	0.11	0.33	0.6	20	1.10	0.01	1.43	0.13	17.50	6.7	26	10.85	1.4
455314		2.17	<0.001	0.01	0.26	8.2	10	1.08	0.02	1.04	0.07	12.35	4.1	37	4.32	0.6
455315		2.37	0.001	0.01	0.40	21.3	20	1.28	0.01	1.38	0.11	15.40	5.4	20	12.85	1.5
455316		0.11	8.55	1.56	7.75	102.5	190	3.99	3.48	1.90	4.54	26.7	18.7	57	2.62	117.0
455317		2.29	0.001	0.02	0.22	7.5	10	1.24	0.02	1.34	0.08	10.05	5.0	22	3.42	2.5
455318		2.53	0.001	0.02	0.28	58.6	10	1.39	0.03	1.70	0.12	13.20	7.1	15	6.98	5.5
455319		2.70	<0.001	<0.01	0.14	4.1	<10	1.51	0.02	3.32	0.12	10.65	4.0	15	1.09	0.9
455320		2.32	<0.001	<0.01	0.12	4.0	<10	1.34	0.01	4.04	0.13	12.80	4.5	7	2.33	0.2

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CERTIFICATE OF ANALYSIS VO17205682

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455301		17.45	8.14	0.08	0.9	0.009	0.085	0.03	6.4	6.8	2.41	7750	1.20	0.01	4.7	47.0
455302		18.50	8.43	0.07	0.9	0.009	0.087	0.03	7.3	7.3	2.47	7900	1.23	<0.01	5.0	52.5
455303		21.6	11.30	0.10	2.0	0.058	0.060	0.05	19.8	18.0	3.02	3630	5.58	0.01	16.4	64.9
455304		14.40	2.83	0.07	0.5	0.012	0.099	0.05	8.6	2.0	0.95	7240	1.57	<0.01	4.8	46.1
455305		15.85	3.71	0.08	0.7	0.015	0.090	0.08	8.9	2.1	1.96	11900	1.54	0.02	6.4	28.6
455306		16.85	2.47	0.07	0.5	0.124	0.049	0.17	7.9	0.9	1.81	11850	2.17	0.08	4.4	14.2
455307		5.03	26.2	0.08	1.7	0.009	0.105	4.05	10.9	3.1	1.68	440	1.48	3.50	16.2	70.4
455308		23.1	2.17	0.09	0.3	0.114	0.034	0.19	7.4	1.1	2.48	8790	1.01	0.08	2.9	10.9
455309		24.3	2.59	0.12	0.4	0.040	0.020	0.28	8.7	1.2	2.63	9900	1.14	0.13	4.2	11.3
455310		25.5	2.96	0.11	0.3	0.046	0.019	0.33	9.2	1.4	2.82	9290	1.06	0.15	3.9	10.6
455311		0.30	0.09	0.07	<0.1	<0.005	<0.005	0.01	1.4	1.0	1.95	224	0.09	0.03	0.1	7.1
455312		24.3	2.52	0.11	0.3	0.016	0.013	0.29	8.1	1.3	2.78	9190	1.28	0.12	4.5	11.0
455313		23.6	1.60	0.09	0.3	0.012	0.008	0.18	9.1	1.3	2.82	11350	1.19	0.08	4.3	9.3
455314		20.1	1.36	0.08	0.1	0.019	0.008	0.17	7.5	1.1	2.27	8180	3.11	0.04	2.0	6.3
455315		24.2	1.91	0.10	0.2	0.026	0.010	0.21	9.1	1.3	2.46	15300	1.07	0.10	2.9	9.8
455316		5.49	25.6	0.12	1.7	0.014	0.178	4.53	13.5	3.0	1.55	435	1.53	3.39	13.9	65.7
455317		23.3	1.25	0.11	0.1	0.010	0.005	0.14	6.1	1.1	2.25	8620	1.33	0.03	1.5	8.8
455318		28.6	1.92	0.12	0.2	0.022	0.005	0.16	8.1	1.4	2.43	10450	0.94	0.06	2.2	15.4
455319		27.6	2.47	0.10	0.1	<0.005	0.007	0.09	6.9	1.0	2.23	8660	1.08	0.02	1.1	5.9
455320		27.2	1.53	0.12	0.1	0.005	0.007	0.07	8.4	1.2	2.37	7970	0.43	0.02	0.9	4.2

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455301		580	3.4	3.0	0.002	3.91	0.15	7.5	3	0.3	68.9	0.25	0.17	0.71	0.174	0.08
455302		630	3.3	3.2	<0.002	4.35	0.13	7.9	3	0.3	72.6	0.28	0.19	0.76	0.179	0.07
455303		910	6.7	4.2	0.007	5.15	0.28	12.3	4	0.3	40.8	0.91	0.20	2.42	0.352	0.08
455304		590	8.8	4.9	<0.002	4.42	0.11	1.6	3	0.5	109.5	0.25	0.18	0.72	0.061	0.10
455305		500	31.2	9.0	<0.002	2.40	0.14	2.3	2	0.6	89.1	0.32	0.18	0.98	0.076	0.18
455306		430	2.9	14.6	<0.002	1.66	0.25	1.6	2	0.5	15.8	0.23	0.08	0.69	0.056	0.07
455307		930	158.5	350	<0.002	2.65	1.64	5.5	4	1.2	253	1.18	0.59	1.32	0.483	1.48
455308		410	1.4	14.0	<0.002	0.90	0.60	1.0	1	0.6	7.8	0.12	0.05	0.45	0.036	0.05
455309		500	1.3	19.7	<0.002	0.25	0.80	1.6	1	0.8	8.8	0.18	<0.05	0.69	0.058	0.05
455310		650	1.1	22.5	<0.002	0.21	1.12	1.4	1	0.8	11.6	0.18	<0.05	0.68	0.048	0.07
455311		80	<0.5	0.2	<0.002	<0.01	0.05	0.2	1	<0.2	85.1	<0.05	<0.05	0.08	0.005	<0.02
455312		420	1.0	17.6	<0.002	0.19	1.22	1.3	1	0.7	16.5	0.17	<0.05	0.80	0.047	0.06
455313		680	0.9	12.0	<0.002	0.02	0.60	1.1	<1	0.5	22.7	0.16	<0.05	0.84	0.039	0.04
455314		840	0.8	6.1	<0.002	0.04	1.24	0.6	<1	0.5	16.4	0.06	<0.05	0.33	0.018	0.05
455315		530	1.1	14.4	<0.002	0.13	0.78	1.2	<1	0.6	21.5	0.09	<0.05	0.54	0.032	0.04
455316		890	178.5	470	<0.002	3.10	2.34	5.1	4	1.2	246	0.89	0.84	1.46	0.444	1.98
455317		580	1.0	5.2	<0.002	0.22	1.06	0.5	<1	0.4	20.6	0.06	<0.05	0.24	0.015	0.05
455318		450	1.7	8.8	<0.002	0.41	0.91	0.9	1	0.6	25.1	0.10	<0.05	0.43	0.021	0.05
455319		620	1.8	2.3	<0.002	0.06	1.03	0.3	1	0.7	53.1	0.05	<0.05	0.20	0.008	0.03
455320		580	2.0	3.1	<0.002	0.03	0.47	0.4	1	0.5	63.8	0.06	<0.05	0.25	0.011	<0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205682

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455301		0.6	98	0.1	6.0	86	34.6
455302		0.7	99	0.1	5.8	86	36.3
455303		5.7	126	0.3	13.0	88	80.6
455304		0.5	34	0.1	7.4	19	21.1
455305		0.8	40	0.1	9.1	21	29.4
455306		0.6	29	0.1	8.5	15	21.1
455307		0.6	61	0.6	6.6	222	78.4
455308		0.3	25	0.1	9.5	23	11.8
455309		0.4	35	0.2	10.0	25	17.7
455310		0.5	38	0.3	9.5	25	13.8
455311		0.1	1	0.1	2.3	3	1.3
455312		0.5	33	7.7	8.4	24	13.8
455313		0.4	19	3.2	10.5	22	11.5
455314		0.4	14	0.3	11.4	21	5.9
455315		0.4	25	0.2	12.3	17	9.5
455316		0.9	57	0.5	6.6	320	74.4
455317		0.3	17	0.2	10.7	21	6.9
455318		0.5	36	0.2	12.6	24	10.4
455319		0.2	16	0.2	13.7	23	4.1
455320		0.2	25	0.1	12.6	25	5.7

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Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205682

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205685

Project: KAN

P.O. No.: KANDH17- 017

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

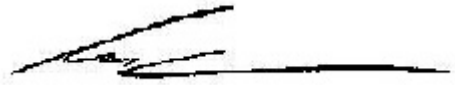
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205685

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455321		2.57	0.001	0.03	0.21	7.8	10	1.26	0.04	2.09	0.09	9.41	6.5	9	2.18	6.7
455322		<0.02	0.003	0.04	0.21	0.5	10	1.30	0.06	2.17	0.09	9.30	7.0	8	2.22	8.2
455323		2.32	0.002	0.06	0.44	0.9	20	0.76	0.06	2.90	0.12	12.95	8.0	12	15.05	16.4
455324		2.43	<0.001	<0.01	0.30	3.8	10	0.88	0.01	2.45	0.09	11.85	4.4	8	3.34	1.3
455325		2.93	0.061	0.03	0.10	0.7	10	0.50	0.06	8.42	0.14	7.63	6.5	2	1.93	15.7
455326		2.02	<0.001	0.01	0.14	3.3	10	0.76	0.01	7.18	0.12	7.59	4.6	2	2.62	2.7
455327		0.11	1.300	1.06	8.18	116.0	120	4.58	2.87	2.30	2.59	27.5	18.6	63	2.51	59.8
455328		2.26	0.001	0.01	0.08	0.7	<10	1.74	0.02	7.31	0.15	17.50	3.7	4	1.59	2.8
455329		2.28	0.010	0.02	0.13	5.0	<10	0.67	0.02	3.51	0.09	9.30	3.7	11	1.48	4.7
455330		2.50	<0.001	<0.01	0.22	0.6	10	1.63	0.01	2.19	0.07	10.70	4.8	7	4.00	0.7
455331		0.27	<0.001	<0.01	0.06	1.3	10	<0.05	0.02	32.9	<0.02	1.08	0.6	1	<0.05	0.8
455332		2.55	0.002	0.10	0.21	2.0	10	1.56	0.02	2.13	0.07	12.90	4.9	7	4.70	3.1
455333		2.62	0.007	0.02	0.24	5.0	10	1.32	0.03	1.27	0.07	15.25	5.5	5	2.66	5.3
455334		2.32	<0.001	0.01	0.17	0.6	10	1.25	0.02	2.01	0.08	11.40	4.3	5	2.31	3.0
455335		2.20	<0.001	0.01	0.22	12.5	10	1.07	0.01	2.72	0.08	10.05	3.6	9	5.34	2.2
455336		0.11	8.55	1.64	7.81	95.5	190	3.66	3.68	1.90	4.60	27.3	17.4	60	2.52	112.5
455337		2.59	0.005	0.01	0.38	23.7	30	0.86	0.02	5.66	0.07	11.70	5.3	13	12.30	3.1
455338		2.38	<0.001	0.01	0.19	4.2	20	0.75	0.01	5.29	0.05	10.30	3.8	10	5.99	2.1
455339		2.15	<0.001	<0.01	0.15	0.8	10	0.61	0.01	1.80	<0.02	8.87	2.6	20	5.03	1.5
455340		2.37	<0.001	0.01	0.15	1.7	10	0.54	0.01	1.39	<0.02	6.53	2.7	14	4.86	1.1

***** See Appendix Page for comments regarding this certificate *****

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205685

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455321		26.8	1.08	0.07	0.2	0.052	0.006	0.13	5.9	0.6	2.36	9170	0.22	0.03	2.1	4.0
455322		27.9	1.20	0.08	0.2	0.067	0.006	0.13	5.8	0.5	2.41	10000	0.24	0.03	2.2	4.2
455323		28.3	1.54	0.07	0.3	0.096	0.006	0.22	7.3	0.5	2.59	11550	0.46	0.11	4.8	5.1
455324		24.8	1.48	0.06	0.1	0.018	0.006	0.19	7.0	0.5	2.66	8040	0.24	0.04	2.3	3.5
455325		23.1	1.06	0.06	<0.1	0.103	<0.005	0.05	5.0	0.4	2.23	11850	0.14	0.02	0.4	1.6
455326		27.3	3.43	0.06	<0.1	0.028	<0.005	0.08	4.9	0.3	2.54	9910	0.15	0.03	0.6	1.3
455327		5.21	24.5	0.08	1.7	0.009	0.099	4.13	13.5	2.4	1.68	464	1.33	3.56	15.9	69.4
455328		20.7	0.83	0.06	<0.1	0.020	0.005	0.04	9.8	0.4	2.23	9240	0.11	0.02	0.7	1.6
455329		17.80	0.64	0.05	0.1	0.030	<0.005	0.08	5.9	0.4	1.79	4970	0.24	0.02	0.8	2.1
455330		28.0	0.99	0.08	0.2	0.017	0.006	0.13	6.5	0.6	2.64	8130	0.36	0.04	2.0	3.7
455331		0.24	0.18	0.08	<0.1	0.009	0.007	0.01	1.2	0.6	1.88	180	<0.05	0.03	0.1	0.2
455332		28.5	0.99	0.07	0.1	0.026	0.006	0.12	7.5	0.5	2.55	9090	0.28	0.04	1.8	3.6
455333		29.4	1.30	0.07	0.1	0.045	<0.005	0.16	9.6	0.5	2.53	8460	0.11	0.03	1.4	3.0
455334		27.8	1.07	0.07	0.1	0.024	0.005	0.11	6.9	0.5	2.53	9880	0.34	0.02	1.0	2.6
455335		21.2	1.17	0.06	0.1	0.027	<0.005	0.12	5.8	0.5	1.96	7340	0.44	0.04	1.4	3.8
455336		5.33	25.2	0.12	1.6	0.016	0.185	4.53	13.0	2.4	1.52	420	1.49	3.32	13.1	63.1
455337		23.8	1.70	0.06	0.3	0.035	0.008	0.19	6.6	0.6	2.13	10600	0.55	0.10	3.0	5.2
455338		18.15	1.03	0.06	0.1	0.041	<0.005	0.09	5.9	0.4	1.63	9150	0.57	0.05	1.4	4.0
455339		16.25	0.82	0.05	0.1	0.017	<0.005	0.07	5.3	0.4	1.66	7530	0.37	0.04	1.0	3.3
455340		14.70	0.73	0.06	0.1	0.018	<0.005	0.07	3.6	0.4	1.47	6970	0.37	0.04	1.0	3.2

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205685

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455321		440	3.2	3.9	<0.002	0.64	0.88	0.5	<1	0.4	33.7	0.07	<0.05	0.36	0.018	0.06
455322		440	3.6	3.9	<0.002	0.74	0.88	0.5	1	0.5	35.0	0.07	0.05	0.37	0.019	0.06
455323		290	3.1	16.3	<0.002	1.48	0.87	0.9	2	0.6	46.3	0.13	0.09	0.55	0.037	0.06
455324		400	1.1	5.9	<0.002	0.10	1.35	0.5	<1	0.5	37.2	0.08	<0.05	0.27	0.016	0.08
455325		270	4.4	2.5	<0.002	1.61	0.36	0.1	2	0.3	125.0	<0.05	0.12	0.09	<0.005	0.03
455326		170	3.0	3.5	<0.002	0.25	0.63	0.1	<1	0.6	106.5	<0.05	<0.05	0.08	0.010	0.02
455327		980	160.5	364	0.002	2.78	1.58	5.5	4	1.1	261	1.04	0.50	1.34	0.506	1.43
455328		1500	3.9	1.9	<0.002	0.25	1.15	0.2	1	0.4	113.5	<0.05	<0.05	0.21	<0.005	0.02
455329		320	2.1	2.3	<0.002	0.45	0.68	0.2	1	0.3	50.2	<0.05	<0.05	0.16	0.005	0.03
455330		930	1.3	5.2	<0.002	0.05	0.89	0.5	1	0.4	31.7	0.07	<0.05	0.31	0.017	0.05
455331		70	<0.5	0.2	<0.002	<0.01	0.07	0.2	1	<0.2	80.0	<0.05	<0.05	0.08	0.005	<0.02
455332		590	1.6	5.6	<0.002	0.28	0.72	0.5	1	0.4	28.6	0.07	<0.05	0.35	0.014	0.05
455333		580	2.0	4.4	<0.002	0.49	1.31	0.3	1	0.5	15.3	0.06	0.05	0.26	0.010	0.07
455334		490	1.4	3.5	<0.002	0.27	0.87	0.3	<1	0.4	24.3	0.05	<0.05	0.20	0.007	0.05
455335		430	1.4	6.3	<0.002	0.14	0.55	0.5	1	0.4	36.6	0.07	<0.05	0.29	0.012	0.04
455336		840	188.5	449	0.002	3.16	2.44	4.8	3	1.3	234	0.83	0.92	1.70	0.459	1.81
455337		370	2.5	13.4	<0.002	0.26	0.28	0.8	1	0.5	72.7	0.13	<0.05	0.56	0.029	0.04
455338		530	2.7	6.5	<0.002	0.17	0.20	0.5	1	0.3	60.3	0.06	<0.05	0.31	0.014	0.03
455339		780	0.9	5.2	<0.002	0.08	0.21	0.4	<1	0.2	20.5	<0.05	<0.05	0.23	0.011	0.02
455340		240	0.7	5.1	<0.002	0.06	0.22	0.4	<1	0.3	14.5	<0.05	<0.05	0.22	0.011	0.02

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205685

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455321		0.3	27	0.1	13.0	24	7.8
455322		0.3	33	0.1	12.9	25	7.9
455323		0.5	15	0.2	9.3	21	14.4
455324		0.2	24	0.1	9.4	23	6.5
455325		0.1	15	0.1	10.4	9	2.0
455326		0.1	63	0.1	10.8	10	2.2
455327		0.7	63	0.7	6.9	230	77.1
455328		0.2	12	0.1	21.3	12	2.5
455329		0.1	7	0.1	7.5	12	2.9
455330		0.3	14	0.2	15.5	17	7.4
455331		0.2	1	<0.1	2.4	3	1.4
455332		0.2	13	0.1	14.0	15	7.3
455333		0.2	15	0.1	12.6	14	5.8
455334		0.2	19	0.1	12.5	12	4.3
455335		0.2	23	0.1	10.6	9	6.3
455336		0.9	56	0.5	6.6	341	68.3
455337		0.4	23	0.2	9.9	9	13.5
455338		0.3	15	0.1	10.3	11	5.7
455339		0.2	10	0.1	7.9	6	3.5
455340		0.2	11	0.1	5.8	6	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205685

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205689

Project: KAN

P.O. No.: KANDH17- 018

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

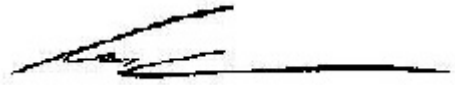
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205689

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455341		1.94	<0.001	0.03	0.31	1.0	30	0.58	0.02	1.40	<0.02	9.88	4.9	24	9.95	3.0
455342		<0.02	0.001	0.07	0.34	0.6	30	0.57	0.01	1.44	<0.02	10.80	5.0	19	10.80	3.1
455343		1.82	0.001	0.02	0.65	0.7	50	0.92	0.03	1.20	0.02	18.25	8.3	22	21.9	7.8
455344		2.16	0.001	0.02	0.50	1.2	40	0.56	0.01	0.90	<0.02	12.10	4.9	25	16.80	3.7
455345		2.22	0.007	0.01	0.61	15.8	50	0.96	0.02	0.93	0.02	21.3	7.3	18	20.5	3.1
455346		2.34	0.001	0.02	0.27	29.5	20	0.83	0.03	1.06	0.03	15.65	5.2	19	8.70	1.4
455347		0.11	1.305	1.06	7.64	104.5	110	5.03	2.63	2.19	2.84	24.0	19.4	64	2.60	61.1
455348		2.35	0.002	0.08	0.11	64.2	10	0.45	0.18	2.97	0.05	9.62	3.5	23	2.90	2.9
455349		2.33	<0.001	0.03	0.27	9.8	20	0.76	0.02	0.67	0.03	13.00	5.0	18	8.70	2.7
455350		2.05	<0.001	0.02	0.25	4.4	20	0.73	0.01	1.45	0.02	14.45	5.9	19	8.06	1.3
455351		0.26	0.001	<0.01	0.06	<0.2	10	0.09	0.01	32.7	<0.02	1.65	0.9	2	0.08	0.6
455352		2.04	<0.001	0.01	0.39	2.0	30	0.83	0.01	2.47	0.02	13.00	6.6	19	13.35	2.0
455353		1.94	0.003	0.23	0.26	1.7	20	0.48	0.01	3.75	0.04	9.80	4.4	22	8.21	1.4
455354		2.25	<0.001	0.06	0.50	0.3	40	0.78	0.01	4.28	0.10	13.55	6.8	22	15.15	2.9
455355		1.89	0.009	<0.01	0.75	5.1	60	0.82	0.01	1.86	0.08	16.60	7.3	26	22.5	4.1
455356		0.11	8.30	1.63	7.28	103.5	180	4.11	3.20	1.83	4.41	25.0	18.3	56	2.53	116.5
455357		1.92	0.072	0.02	0.46	12.0	40	0.41	0.01	1.24	0.09	10.40	6.1	23	14.25	7.0
455358		2.39	0.062	0.01	0.39	8.6	40	0.35	0.01	0.65	0.08	10.50	4.9	26	13.10	4.8
455359		2.82	0.110	0.06	0.42	3.1	20	0.17	0.02	1.18	0.30	8.49	5.8	34	7.23	19.5
455360		1.39	0.020	0.81	5.78	0.8	40	0.86	0.11	0.13	0.43	32.4	29.9	163	0.61	136.5

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205689

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455341		18.40	1.45	0.09	0.2	0.049	<0.005	0.15	6.0	1.0	1.84	8360	1.40	0.08	1.5	9.3
455342		19.90	1.59	0.11	0.2	0.045	0.005	0.17	6.5	1.1	1.98	8990	1.03	0.09	1.5	9.2
455343		26.6	2.94	0.12	0.3	0.062	0.011	0.33	11.0	1.2	2.48	13250	1.17	0.16	2.8	14.3
455344		18.45	2.16	0.10	0.2	0.027	0.012	0.25	7.1	1.1	1.85	8750	1.28	0.13	1.9	7.2
455345		27.5	2.83	0.12	0.3	0.055	0.007	0.31	12.5	1.3	2.55	14200	0.89	0.15	3.2	9.8
455346		22.5	1.49	0.14	0.1	0.069	0.006	0.13	9.1	1.1	2.01	13300	1.17	0.07	2.1	6.2
455347		5.24	25.4	0.15	1.8	0.005	0.101	4.07	11.6	3.4	1.66	463	1.40	3.50	14.7	69.8
455348		15.50	0.74	0.11	0.1	0.054	<0.005	0.05	5.9	1.0	1.82	10800	1.47	0.03	0.9	3.7
455349		22.8	1.66	0.12	0.1	0.050	0.007	0.13	6.6	1.0	1.86	10650	1.09	0.07	2.8	5.4
455350		19.10	1.38	0.11	0.2	0.028	0.008	0.12	7.5	1.0	1.77	9390	1.07	0.06	3.7	6.1
455351		0.30	0.18	0.06	<0.1	<0.005	0.005	0.01	1.5	1.7	2.09	218	0.17	0.03	0.1	4.0
455352		21.6	1.97	0.09	0.2	0.031	0.012	0.19	7.0	0.9	1.87	10750	1.00	0.10	3.4	6.8
455353		16.80	1.39	0.09	0.1	0.022	0.005	0.12	5.8	0.8	1.46	9850	1.07	0.06	1.7	4.1
455354		18.30	2.64	0.10	0.3	0.020	0.014	0.22	7.7	1.1	1.72	14950	0.81	0.11	3.4	7.7
455355		20.6	3.69	0.11	0.6	0.029	0.022	0.33	9.2	1.1	2.09	15650	0.98	0.17	5.9	7.6
455356		5.30	24.9	0.13	1.5	0.014	0.181	4.40	12.5	2.9	1.45	417	1.44	3.26	13.5	65.4
455357		18.70	2.41	0.12	0.4	0.032	0.012	0.21	5.9	1.0	1.66	13050	1.06	0.11	3.9	6.1
455358		15.75	2.08	0.10	0.4	0.012	0.015	0.18	5.7	0.9	1.36	10500	1.47	0.09	3.6	6.2
455359		13.45	2.08	0.08	0.2	0.022	0.011	0.10	4.6	1.3	1.16	9180	1.79	0.05	2.0	10.2
455360		31.4	19.65	0.54	2.8	0.038	0.044	0.29	17.2	39.6	3.14	891	12.55	0.01	18.2	106.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205689

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455341		810	1.5	10.9	<0.002	0.23	0.22	0.8	1	0.6	16.8	0.06	0.05	0.47	0.026	0.03
455342		860	1.5	11.9	<0.002	0.22	0.21	0.8	1	0.6	17.2	0.06	<0.05	0.48	0.025	0.02
455343		910	3.7	23.6	<0.002	0.52	0.34	1.8	<1	1.1	17.4	0.11	<0.05	0.71	0.047	0.06
455344		340	1.4	18.1	<0.002	0.19	0.24	1.4	1	0.8	12.0	0.10	<0.05	0.46	0.031	0.03
455345		760	1.9	22.3	<0.002	0.21	0.29	1.7	1	1.0	12.5	0.14	<0.05	0.81	0.043	0.05
455346		900	6.0	9.6	<0.002	0.08	0.43	0.7	1	0.5	13.1	0.07	<0.05	0.44	0.022	0.02
455347		980	161.5	375	<0.002	2.61	1.66	5.5	5	1.2	254	1.47	0.48	1.60	0.478	1.51
455348		680	71.2	3.4	<0.002	0.12	0.74	0.3	1	0.2	36.9	<0.05	0.12	0.14	0.009	<0.02
455349		600	8.6	9.5	<0.002	0.15	0.17	0.7	1	0.4	8.3	0.09	0.05	0.52	0.024	0.03
455350		540	2.7	8.7	<0.002	0.10	0.15	0.8	1	0.3	18.3	0.13	<0.05	0.57	0.028	0.02
455351		80	<0.5	0.3	<0.002	<0.01	<0.05	0.2	1	<0.2	75.6	<0.05	<0.05	0.19	0.005	<0.02
455352		450	1.4	14.4	<0.002	0.12	0.20	1.1	1	0.4	35.1	0.12	<0.05	0.62	0.033	0.03
455353		360	1.4	9.0	<0.002	0.09	0.09	0.7	1	0.2	56.2	0.08	<0.05	0.34	0.022	0.02
455354		530	1.9	16.6	<0.002	0.19	0.24	1.4	1	0.2	63.8	0.17	<0.05	0.62	0.051	0.04
455355		490	1.3	23.9	<0.002	0.29	0.29	2.1	<1	0.2	31.1	0.30	<0.05	0.93	0.079	0.04
455356		870	170.0	430	0.002	3.06	1.90	5.1	3	1.3	234	0.86	0.89	1.38	0.429	1.71
455357		430	1.2	15.6	<0.002	0.34	0.16	1.3	1	0.2	22.0	0.18	<0.05	0.55	0.047	0.03
455358		370	0.8	13.9	<0.002	0.31	0.14	1.1	<1	<0.2	14.1	0.18	<0.05	0.52	0.043	0.02
455359		320	1.8	7.8	<0.002	1.15	0.06	1.2	1	<0.2	32.3	0.11	0.10	0.40	0.036	<0.02
455360		600	13.5	9.6	0.020	8.68	0.71	17.7	6	0.4	10.3	1.18	0.36	3.39	0.549	0.23

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205689

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455341		0.4	15	0.3	7.2	8	7.2
455342		0.4	17	0.3	7.5	8	6.9
455343		0.8	30	0.3	10.0	14	12.0
455344		0.5	26	0.2	6.1	16	8.5
455345		0.8	34	0.4	10.8	61	12.4
455346		0.4	17	0.3	10.2	111	6.9
455347		0.7	62	0.6	6.7	238	78.1
455348		0.2	7	0.2	7.4	73	2.4
455349		0.3	18	0.3	7.7	81	7.1
455350		0.3	18	0.3	7.6	15	8.5
455351		0.1	1	<0.1	2.3	3	1.7
455352		0.4	24	0.3	8.7	9	10.3
455353		0.2	16	0.3	6.6	8	6.4
455354		0.4	34	0.4	7.9	15	15.3
455355		0.8	43	0.4	7.5	23	28.3
455356		1.1	56	0.4	6.5	309	72.5
455357		0.4	28	0.2	5.1	15	16.1
455358		0.4	25	0.2	4.5	13	16.8
455359		0.4	27	0.2	3.4	21	10.5
455360		10.3	231	0.7	12.0	251	112.0

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205689

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17205691

Projet: KAN

Bon de commande #: KANDH17- 019

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 22- SEPT- 2017.

Les résultats sont transmis à:

PASCAL SIMARD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205691

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
455361		2.90	0.053	0.86	5.85	28.8	140	2.05	0.20	0.16	0.58	44.7	26.9	153	1.49	143.5
455362		<0.02	0.044	0.92	5.79	33.0	160	2.08	0.22	0.15	0.53	44.2	27.8	150	1.48	146.5
455363		1.91	0.012	0.55	5.71	10.5	170	1.97	0.31	0.05	0.51	41.1	22.5	77	1.58	102.5
455364		2.19	0.009	0.60	5.94	15.5	210	2.42	0.19	0.04	0.72	49.6	18.0	71	1.81	85.3
455365		2.13	0.011	0.46	5.97	42.1	260	2.49	0.14	0.05	0.69	54.6	18.1	74	1.93	55.3
455366		2.03	0.010	0.40	6.38	38.1	270	2.48	0.26	0.05	0.67	58.0	18.2	79	1.90	55.1
455367		0.11	1.320	1.27	8.18	101.5	120	4.48	2.97	2.21	2.68	26.5	18.0	63	2.65	58.3
455368		2.50	0.019	0.46	4.94	7.4	40	0.63	0.16	0.10	0.23	37.9	18.1	97	0.49	138.5
455369		1.17	0.087	0.12	0.73	0.5	10	0.10	0.03	2.18	0.81	14.20	5.4	50	1.46	36.7
455370		2.15	0.152	0.07	0.95	14.1	20	0.28	0.04	3.21	0.44	15.00	5.4	38	6.15	27.2
455371		0.30	<0.001	<0.01	0.06	0.3	10	0.06	0.01	33.4	0.02	1.10	0.6	2	<0.05	1.1
455372		2.05	0.433	0.14	0.64	1.0	10	0.18	0.06	6.83	0.58	12.40	7.9	17	1.21	63.0
455373		2.22	0.010	0.15	1.68	1.2	10	0.20	0.10	1.95	0.12	10.50	7.1	47	1.29	65.3
455374		2.29	0.027	0.24	1.25	0.5	10	0.21	0.15	5.34	0.26	6.90	11.9	27	1.07	136.0
455375		2.07	1.575	0.12	0.57	0.4	10	0.18	0.06	5.78	0.25	12.80	5.2	20	0.88	54.5
455376		0.11	8.62	1.74	8.04	100.5	200	3.64	3.70	1.94	4.59	29.0	17.4	59	2.60	117.5
455377		1.78	0.794	0.15	0.27	0.9	10	0.23	0.03	6.82	0.16	10.90	4.3	18	1.89	23.6
455378		2.26	0.147	0.04	0.71	0.8	20	0.39	0.05	4.86	0.16	21.4	8.0	30	7.19	33.0
455379		2.01	0.080	0.01	0.55	3.0	30	0.31	0.03	4.18	0.13	14.45	6.2	26	7.36	14.7
455380		2.04	<0.001	0.02	0.41	0.4	40	0.35	0.01	3.21	0.08	12.70	5.4	24	11.35	3.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205691

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
455361		25.8	17.35	0.12	2.7	0.053	0.072	1.42	22.0	33.7	2.11	587	20.7	0.02	18.2	98.4
455362		26.2	17.00	0.10	2.7	0.058	0.068	1.40	21.6	33.3	2.09	552	20.4	0.02	18.4	101.0
455363		19.00	17.85	0.07	1.5	0.029	0.050	1.58	19.9	31.3	2.02	438	7.18	0.02	7.2	74.2
455364		15.60	18.20	0.09	1.5	0.021	0.055	1.94	23.0	32.6	1.94	335	6.35	0.02	6.8	64.6
455365		14.35	18.80	0.08	1.7	0.024	0.063	2.06	22.5	34.1	1.91	316	4.92	0.03	10.8	66.2
455366		15.30	19.10	0.08	1.7	0.023	0.059	1.98	25.9	35.2	2.07	424	5.16	0.03	11.7	62.3
455367		5.29	25.5	0.11	1.7	0.012	0.103	4.21	12.3	2.6	1.70	444	1.36	3.64	14.8	69.0
455368		22.1	15.35	0.07	1.5	0.028	0.038	0.29	17.9	21.8	2.37	859	8.71	0.01	9.1	56.9
455369		9.07	2.58	<0.05	0.4	0.018	0.029	0.03	7.2	1.9	0.96	6640	2.10	0.01	3.7	14.8
455370		16.20	3.71	0.05	0.6	0.020	0.034	0.09	7.6	1.5	1.88	12150	1.26	0.04	4.2	10.9
455371		0.25	0.23	0.11	<0.1	0.009	0.007	0.01	1.3	0.9	2.17	208	0.11	0.03	0.1	2.9
455372		15.95	2.35	0.05	0.4	0.026	0.023	0.02	6.3	1.1	1.79	12700	0.55	0.01	2.8	19.1
455373		13.70	6.81	<0.05	0.4	0.028	0.021	0.02	5.3	2.5	1.30	4150	2.08	0.01	1.4	15.6
455374		20.8	5.11	0.06	0.5	0.036	0.020	0.02	3.6	1.5	1.87	10900	0.80	0.01	2.1	21.8
455375		16.40	2.11	0.05	0.3	0.070	0.028	0.01	6.8	1.1	1.73	15200	0.54	0.01	2.3	7.7
455376		5.40	25.7	0.09	1.6	0.015	0.191	4.50	13.5	2.3	1.54	432	1.49	3.38	13.3	63.3
455377		20.1	1.17	0.05	0.2	0.051	0.016	0.03	6.2	0.7	1.80	17800	0.62	0.02	1.8	4.5
455378		21.6	3.05	0.06	0.5	0.029	0.033	0.09	11.0	1.3	2.28	17850	0.75	0.05	5.3	11.0
455379		19.40	2.50	0.05	0.3	0.010	0.028	0.10	7.5	0.9	1.92	13750	1.18	0.05	3.1	7.1
455380		19.30	2.00	0.05	0.2	0.011	0.017	0.15	6.8	0.5	1.92	11300	1.16	0.08	2.6	5.8

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205691

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
455361		610	34.0	65.1	0.032	8.67	1.66	17.8	5	1.5	13.8	1.09	0.40	4.33	0.541	1.06
455362		610	33.5	64.6	0.031	8.86	1.72	17.3	4	1.4	13.7	1.15	0.50	4.41	0.557	1.10
455363		190	77.3	73.3	0.016	6.11	0.92	10.3	3	1.4	7.5	0.48	0.21	5.73	0.241	0.94
455364		160	148.5	89.1	0.016	5.11	0.86	9.8	3	1.6	7.7	0.42	0.18	6.77	0.198	1.09
455365		220	106.5	85.9	0.016	4.44	0.83	10.2	2	1.7	9.0	0.61	0.12	7.45	0.225	1.12
455366		220	60.2	90.9	0.018	4.32	0.73	10.4	3	2.1	8.4	0.68	0.14	8.07	0.243	1.01
455367		960	163.0	376	<0.002	2.83	1.68	5.3	4	1.2	258	1.05	0.62	1.62	0.501	1.51
455368		310	14.2	12.9	0.019	5.58	0.72	10.1	4	0.5	7.0	0.58	0.30	4.54	0.290	0.25
455369		560	2.8	1.8	<0.002	1.99	0.11	2.1	1	<0.2	60.6	0.23	0.11	0.89	0.081	0.02
455370		480	2.7	6.2	<0.002	1.39	0.16	2.5	1	0.2	77.3	0.28	0.11	0.97	0.103	0.02
455371		70	0.5	0.2	<0.002	0.01	0.08	0.2	1	<0.2	80.3	<0.05	<0.05	0.06	0.005	<0.02
455372		350	5.1	1.2	<0.002	3.16	0.14	2.1	3	<0.2	156.5	0.26	0.25	0.62	0.056	0.02
455373		180	6.4	1.2	<0.002	3.16	0.30	3.5	3	0.2	42.6	0.09	0.27	0.67	0.047	0.07
455374		350	9.2	1.0	<0.002	5.30	0.40	2.6	5	<0.2	114.5	0.18	0.53	0.66	0.063	0.08
455375		390	4.5	0.9	<0.002	2.13	0.18	1.2	2	<0.2	101.5	0.15	0.16	0.57	0.045	0.03
455376		870	196.0	460	0.004	3.23	2.03	4.9	4	1.3	242	0.85	0.92	1.73	0.466	1.87
455377		290	3.8	2.2	<0.002	0.90	0.12	0.6	1	<0.2	109.5	0.07	0.06	0.33	0.026	0.02
455378		640	4.1	6.8	<0.002	1.29	0.25	2.0	1	0.2	86.7	0.22	0.10	1.11	0.083	0.03
455379		430	2.0	7.2	<0.002	0.64	0.19	1.3	1	0.2	67.8	0.14	<0.05	0.78	0.045	<0.02
455380		550	1.3	11.0	<0.002	0.14	0.23	1.1	<1	0.2	51.5	0.11	<0.05	0.49	0.038	0.02

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205691

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
455361		15.3	268	1.5	12.5	162	108.5
455362		15.5	267	1.5	12.4	162	107.5
455363		8.8	294	1.3	6.1	142	55.5
455364		7.4	263	1.6	6.1	131	54.9
455365		7.1	290	1.7	7.0	133	63.0
455366		7.2	305	1.6	7.9	155	65.0
455367		0.7	62	0.7	7.2	234	75.6
455368		8.0	223	0.4	7.6	162	59.6
455369		1.1	43	0.1	4.2	67	19.1
455370		0.9	55	0.2	5.8	63	22.4
455371		0.2	1	<0.1	2.1	4	1.3
455372		0.3	29	0.2	5.3	31	18.6
455373		0.4	72	0.3	2.9	45	17.1
455374		0.6	47	0.2	5.1	41	20.3
455375		0.4	26	0.3	5.9	31	13.1
455376		0.9	56	0.5	6.9	335	71.9
455377		0.2	14	0.3	6.8	20	7.7
455378		0.6	42	0.3	7.7	35	24.0
455379		0.3	31	0.2	5.9	28	13.0
455380		0.3	26	0.2	5.9	20	10.1

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CERTIFICAT D'ANALYSE VO17205691

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205695

Project: KAN

P.O. No.: KANDH17- 020

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

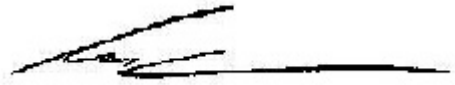
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205695

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455381		2.08	0.202	0.06	0.60	0.9	50	0.36	0.02	3.54	0.12	13.75	6.3	23	15.40	9.2
455382		<0.02	0.356	0.06	0.65	1.2	60	0.34	0.01	3.43	0.11	14.35	6.1	25	16.70	8.6
455383		2.07	1.040	0.08	0.79	0.5	10	0.22	0.04	4.80	0.16	8.62	7.2	14	3.14	45.2
455384		2.18	0.367	0.08	0.60	2.6	10	0.28	0.06	4.71	0.24	11.95	6.9	17	0.96	99.3
455385		1.55	0.014	0.28	3.45	0.4	<10	0.20	0.13	2.46	0.14	11.35	8.6	28	0.36	287
455386		2.21	<0.001	0.04	1.55	2.2	<10	0.10	0.07	0.51	0.04	2.86	1.3	25	0.19	2.9
455387		0.11	1.340	1.00	8.09	99.6	120	4.55	2.65	2.28	2.54	24.1	18.6	63	2.53	58.5
455388		2.03	<0.001	0.01	1.09	1.1	<10	0.09	0.01	0.27	0.02	2.72	1.3	21	0.18	4.1
455389		1.82	0.001	0.07	1.50	1.5	10	0.12	0.02	1.38	0.12	4.70	4.4	19	0.19	30.9
455390		1.81	<0.001	0.08	3.65	<0.2	10	0.19	0.02	0.20	0.03	25.7	6.4	50	0.43	47.5
455391		0.21	0.003	0.01	0.06	0.3	10	0.05	0.01	34.3	0.02	0.98	0.5	8	<0.05	1.5
455392		2.16	<0.001	0.06	4.65	0.4	10	0.25	0.02	0.28	0.04	35.5	4.5	75	0.54	24.2
455393		1.81	<0.001	0.01	1.21	1.1	<10	<0.05	0.01	0.17	<0.02	8.51	1.0	26	0.16	3.2
455394		2.14	0.006	0.17	2.19	0.5	<10	0.15	0.07	1.73	0.12	8.80	6.6	28	0.41	90.3
455395		1.83	0.010	0.04	0.06	1.6	<10	0.11	0.02	7.72	0.31	5.46	2.6	10	0.06	27.7
455396		0.15	8.70	1.50	8.23	104.0	210	3.79	3.37	2.08	4.40	26.4	18.4	59	2.59	124.5
455397		2.34	1.015	0.08	0.42	5.1	20	0.32	0.03	0.38	0.10	9.44	7.1	14	3.44	19.0
455398		2.32	<0.001	<0.01	0.55	8.0	20	0.75	0.02	0.36	0.08	11.55	7.4	19	3.51	4.7
455399		2.60	0.004	0.01	0.34	5.8	30	0.68	0.02	1.01	0.08	7.41	5.1	15	4.86	3.7
455400		2.46	0.056	0.01	0.52	6.2	20	0.71	0.02	0.86	0.08	13.35	6.6	16	3.32	5.4

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Finalized Date: 10- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17205695

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455381		21.4	2.89	0.06	0.4	0.042	0.023	0.21	6.8	0.7	2.13	12200	0.46	0.10	4.2	7.2
455382		21.6	3.10	0.07	0.4	0.020	0.022	0.23	7.1	0.7	2.17	12100	0.42	0.11	4.4	7.1
455383		16.55	3.41	0.05	0.2	0.037	0.021	0.04	4.6	1.3	1.57	10550	0.19	0.02	1.9	8.7
455384		20.9	2.58	0.12	0.4	0.182	0.038	0.02	6.2	2.4	2.13	18800	0.88	0.01	3.2	13.7
455385		18.55	12.55	0.14	0.6	0.021	0.030	<0.01	5.6	17.4	2.53	5240	0.37	<0.01	2.3	20.4
455386		4.19	5.45	0.07	0.2	0.011	0.015	<0.01	1.3	10.3	1.02	1110	0.23	<0.01	0.5	4.7
455387		5.27	24.9	0.16	1.7	0.009	0.087	4.25	10.5	2.5	1.78	466	1.37	3.61	15.5	69.4
455388		3.18	4.00	0.07	0.2	0.023	0.012	0.01	1.3	8.1	0.71	701	0.17	0.01	0.4	4.9
455389		7.33	5.47	0.10	0.1	0.021	0.022	0.03	2.2	10.0	1.18	2830	0.23	<0.01	0.5	8.5
455390		11.35	11.95	0.11	0.9	0.011	0.030	0.02	12.0	21.5	2.00	1160	2.16	<0.01	4.1	18.6
455391		0.26	0.20	0.08	<0.1	<0.005	<0.005	<0.01	1.1	1.1	2.06	191	0.07	0.02	0.1	0.2
455392		13.25	15.65	0.11	1.2	0.005	0.038	0.03	17.2	28.2	2.51	1660	2.04	<0.01	4.7	18.8
455393		3.33	4.21	0.07	0.2	0.010	0.009	<0.01	4.2	7.8	0.65	407	0.45	<0.01	1.1	4.4
455394		13.55	8.27	0.11	0.4	0.011	0.019	0.02	4.1	9.6	1.63	3000	1.51	0.01	2.1	17.9
455395		8.20	0.39	0.08	<0.1	0.016	0.011	0.01	1.8	1.1	1.78	8210	0.13	0.01	0.1	5.4
455396		5.64	25.7	0.17	1.6	0.016	0.170	4.80	12.1	2.4	1.66	447	1.47	3.49	14.3	67.2
455397		23.4	2.33	0.13	0.2	0.097	0.034	0.16	4.9	3.9	3.25	9980	0.49	0.01	2.6	6.8
455398		23.9	2.85	0.13	0.3	0.006	0.029	0.12	5.8	3.7	3.35	11700	0.44	0.01	3.8	8.9
455399		17.85	1.80	0.10	0.2	0.012	0.010	0.15	3.7	2.8	2.52	7660	0.20	0.02	2.0	5.6
455400		25.3	2.46	0.12	0.3	0.007	0.009	0.10	6.4	2.9	3.30	10850	0.39	0.01	3.8	7.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205695

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455381		590	1.8	15.0	<0.002	0.46	0.29	1.7	1	0.2	57.8	0.19	<0.05	0.83	0.063	0.03
455382		630	1.7	16.1	<0.002	0.43	0.32	1.8	1	0.2	56.5	0.20	<0.05	0.85	0.066	0.02
455383		330	4.2	2.9	<0.002	2.30	0.14	1.6	2	<0.2	87.1	0.09	0.12	0.40	0.031	0.02
455384		500	5.8	1.1	<0.002	2.14	0.14	1.5	2	<0.2	90.6	0.18	0.13	0.56	0.054	<0.02
455385		380	6.1	0.3	<0.002	3.92	0.20	6.2	4	<0.2	52.7	0.19	0.28	1.04	0.096	0.03
455386		240	14.4	0.3	<0.002	0.06	0.11	3.9	<1	<0.2	13.0	<0.05	<0.05	0.25	0.023	<0.02
455387		960	155.5	370	0.003	2.81	1.60	5.4	4	1.1	262	1.12	0.43	1.34	0.513	1.39
455388		200	0.7	0.3	<0.002	0.14	0.10	3.0	<1	<0.2	7.3	<0.05	<0.05	0.24	0.018	<0.02
455389		380	1.7	1.2	<0.002	1.32	0.09	5.3	1	<0.2	34.4	<0.05	0.07	0.36	0.020	0.02
455390		480	2.3	1.2	0.004	1.57	0.09	7.7	1	<0.2	7.1	0.33	0.06	3.00	0.142	0.02
455391		70	<0.5	0.1	<0.002	<0.01	0.07	0.2	1	<0.2	78.9	<0.05	<0.05	0.07	0.005	<0.02
455392		240	4.1	1.6	0.005	1.08	0.16	9.9	1	0.4	8.4	0.44	<0.05	4.22	0.183	0.03
455393		40	0.7	0.3	<0.002	0.14	0.10	2.8	<1	0.2	2.1	0.07	<0.05	0.90	0.041	<0.02
455394		290	6.0	1.3	0.004	3.38	0.11	5.0	4	<0.2	52.0	0.14	0.19	1.12	0.068	0.03
455395		50	4.0	0.7	<0.002	1.23	0.12	0.8	1	<0.2	167.0	<0.05	<0.05	0.04	<0.005	<0.02
455396		910	187.0	500	0.003	3.37	2.00	5.3	3	1.3	252	0.94	0.88	1.51	0.491	1.79
455397		340	1.0	15.5	<0.002	0.64	0.12	1.1	1	0.4	6.2	0.13	<0.05	0.44	0.033	0.56
455398		420	0.5	11.3	<0.002	0.20	0.15	1.5	1	0.4	6.2	0.15	<0.05	0.68	0.053	0.37
455399		380	1.7	13.8	<0.002	0.19	0.19	0.9	1	0.5	19.2	0.09	<0.05	0.35	0.026	0.42
455400		450	0.8	9.2	<0.002	0.30	0.21	1.3	1	0.5	17.8	0.15	<0.05	0.80	0.043	0.29

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205695

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455381		0.6	37	0.3	6.5	31	16.4
455382		0.6	41	0.3	6.5	32	17.5
455383		0.2	38	0.2	4.7	35	8.1
455384		0.4	31	0.2	5.7	47	16.5
455385		0.8	135	0.1	3.2	127	29.1
455386		0.2	71	0.1	1.1	64	9.8
455387		0.7	62	0.7	6.7	234	76.8
455388		0.1	49	0.1	0.9	46	6.7
455389		0.1	75	0.1	1.6	63	4.5
455390		2.5	144	0.1	3.4	133	36.1
455391		0.1	1	<0.1	2.1	3	1.4
455392		2.7	176	0.1	3.3	169	46.0
455393		0.6	52	0.1	0.6	44	9.5
455394		1.0	98	0.1	2.3	84	18.1
455395		<0.1	3	0.1	10.9	14	<0.5
455396		0.9	61	0.5	6.6	365	74.0
455397		0.3	30	0.1	4.5	66	9.8
455398		0.4	36	0.1	7.3	70	14.8
455399		0.2	25	0.1	6.2	49	7.1
455400		0.4	34	0.2	6.9	62	12.6

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Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205695

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205699

Project: KAN

P.O. No.: KANDH17- 021

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

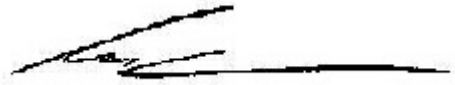
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205699

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454401		2.29	0.014	0.01	0.46	2.2	20	0.76	0.02	1.78	0.07	13.35	7.0	12	4.91	2.8
454402		<0.02	0.011	0.01	0.46	2.7	20	0.82	0.02	1.95	0.07	12.85	7.2	12	5.15	2.9
454403		2.09	0.024	0.01	0.24	0.6	10	0.44	0.02	5.22	0.11	7.29	5.0	10	2.52	4.2
454404		2.34	0.117	0.03	0.27	1.7	20	0.57	0.05	5.82	0.05	10.50	5.0	19	6.56	1.6
454405		2.30	0.043	0.01	0.41	4.3	30	1.07	0.03	2.71	0.05	21.2	7.7	16	7.72	6.2
454406		2.19	<0.001	0.02	0.32	0.6	20	0.69	0.02	1.81	0.03	13.70	5.6	18	7.42	3.3
454407		0.11	1.330	1.04	7.85	103.5	120	4.98	2.88	2.14	2.67	25.1	19.1	61	2.83	64.0
454408		2.17	<0.001	0.03	0.23	3.4	20	0.57	0.03	3.14	0.06	15.10	5.3	13	4.83	5.0
454409		2.09	0.002	0.07	0.12	1.8	10	0.55	0.02	1.34	0.78	7.18	2.8	11	3.02	1.1
454410		1.91	0.020	0.10	0.12	1.6	10	0.53	0.01	1.04	0.78	7.28	3.2	8	2.62	2.1
454411		0.27	0.001	0.01	0.05	0.2	10	0.06	0.01	31.3	0.02	1.03	0.5	2	<0.05	1.3
454412		2.20	0.005	0.01	0.06	0.7	10	0.48	0.01	1.71	0.34	4.63	2.9	14	1.19	1.8
454413		2.45	0.014	0.02	0.33	3.3	20	0.92	0.01	1.79	0.13	13.95	7.0	11	5.24	7.6
454414		2.30	0.003	0.02	0.20	1.4	10	0.70	0.01	1.47	0.08	12.25	4.4	9	1.87	2.1
454415		2.68	0.001	0.03	0.18	2.5	10	0.76	0.03	1.16	0.04	13.30	5.2	5	0.46	5.8
454416		0.11	8.41	1.78	8.41	113.5	200	4.33	4.41	1.95	4.58	29.2	19.2	58	2.93	120.0
454417		2.27	<0.001	0.02	0.12	1.2	10	0.62	0.03	2.22	0.04	11.25	4.2	7	0.19	5.3
454418		2.48	0.001	0.02	0.11	1.4	10	0.69	0.02	2.48	0.03	10.65	3.6	6	0.09	7.6
454419		2.48	<0.001	0.08	0.21	0.3	10	0.34	0.03	2.19	0.05	11.35	4.9	9	0.40	30.6
454420		2.12	<0.001	0.06	0.14	0.4	10	0.32	0.03	1.40	0.04	13.15	3.0	15	0.66	19.6

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205699

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454401		23.5	2.53	0.09	0.2	0.008	0.008	0.11	7.7	3.4	2.91	12300	0.39	0.02	3.2	6.1
454402		24.3	2.51	0.14	0.2	0.008	0.006	0.11	7.3	3.4	3.00	12800	0.39	0.02	3.3	6.5
454403		16.20	1.29	0.10	0.1	0.006	0.006	0.03	3.9	1.2	1.86	9330	0.39	0.01	2.0	3.6
454404		13.25	1.32	0.08	0.2	0.075	0.006	0.07	5.3	1.0	1.58	8900	0.38	0.04	3.9	5.4
454405		23.7	1.98	0.08	0.3	0.014	0.016	0.08	11.6	1.3	2.41	12400	0.79	0.05	4.9	9.1
454406		18.65	1.37	0.07	0.2	0.008	0.012	0.07	6.9	0.7	1.96	9490	0.43	0.04	4.0	6.0
454407		5.07	25.7	0.06	1.9	0.007	0.101	4.04	11.8	2.7	1.65	443	1.41	3.50	15.7	68.9
454408		17.25	1.11	0.06	0.1	0.010	0.009	0.05	9.1	0.6	1.94	10050	0.36	0.03	1.7	7.2
454409		16.90	0.58	0.06	0.1	0.102	0.007	0.03	4.2	0.4	1.34	7280	0.42	0.02	0.9	2.6
454410		19.40	0.58	0.06	0.1	0.058	0.006	0.03	4.4	0.5	1.38	7390	0.45	0.01	1.0	2.8
454411		0.25	0.08	<0.05	<0.1	<0.005	0.007	0.01	1.3	0.9	2.25	175	<0.05	0.03	0.1	0.3
454412		13.85	0.33	0.06	<0.1	0.027	0.007	0.01	2.7	0.5	1.17	6230	0.36	0.01	1.0	3.2
454413		26.3	1.92	0.08	0.3	0.010	0.011	0.05	8.6	0.8	2.30	11150	0.58	0.03	2.4	7.5
454414		23.2	1.25	0.07	0.1	<0.005	0.012	0.02	7.6	1.1	2.25	10050	0.71	0.01	1.3	3.9
454415		27.7	1.36	0.09	0.1	0.005	0.010	0.01	8.5	1.9	2.64	15200	0.49	<0.01	1.5	4.0
454416		5.61	27.3	0.08	1.8	0.016	0.193	4.50	14.6	2.9	1.57	429	1.65	3.46	15.2	67.6
454417		22.0	0.87	0.07	0.1	<0.005	0.011	0.01	7.5	1.4	2.11	12650	0.49	<0.01	1.1	3.2
454418		25.2	0.84	0.07	0.1	<0.005	0.012	0.01	6.7	1.7	2.44	13750	0.25	<0.01	1.1	2.7
454419		21.3	1.34	0.08	0.1	0.005	0.023	0.02	7.0	2.1	2.42	18550	0.60	<0.01	1.4	9.3
454420		23.3	1.07	0.08	0.1	<0.005	0.017	0.02	8.2	1.5	2.25	14850	0.52	<0.01	1.2	5.8

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454401		550	1.1	11.2	<0.002	0.27	0.17	1.0	1	0.6	32.6	0.14	<0.05	0.66	0.033	0.30
454402		570	1.2	11.3	<0.002	0.25	0.18	1.0	1	0.6	36.8	0.13	<0.05	0.65	0.032	0.30
454403		250	2.5	2.8	<0.002	0.39	0.10	0.6	1	0.3	86.7	0.08	<0.05	0.43	0.020	0.05
454404		380	11.8	5.4	<0.002	0.12	0.18	0.9	1	0.4	90.7	0.14	0.08	0.72	0.030	<0.02
454405		1110	5.1	6.3	<0.002	0.29	0.22	1.1	1	0.4	45.3	0.18	<0.05	1.00	0.040	0.02
454406		510	1.7	5.8	<0.002	0.20	0.18	0.8	1	0.3	27.0	0.15	<0.05	0.76	0.031	<0.02
454407		950	157.0	337	0.003	2.69	1.78	5.3	4	1.2	258	1.22	0.48	1.47	0.477	1.52
454408		900	17.2	4.0	<0.002	0.35	0.16	0.6	1	0.3	41.5	0.08	<0.05	0.43	0.018	0.02
454409		330	227	2.4	<0.002	0.07	0.20	0.3	1	0.2	15.5	<0.05	<0.05	0.18	0.008	<0.02
454410		320	145.0	2.1	<0.002	0.06	0.18	0.3	<1	0.5	12.6	0.05	<0.05	0.17	0.008	<0.02
454411		70	0.9	0.1	<0.002	<0.01	0.07	0.2	1	<0.2	75.9	<0.05	<0.05	0.06	0.005	<0.02
454412		320	7.6	1.0	<0.002	0.20	0.12	0.2	<1	0.2	27.9	<0.05	<0.05	0.09	0.007	<0.02
454413		490	2.8	4.3	<0.002	0.58	0.13	0.8	1	0.3	25.4	0.13	<0.05	0.52	0.023	0.02
454414		470	2.6	1.6	<0.002	0.20	0.11	0.5	<1	0.2	24.6	0.05	<0.05	0.25	0.011	<0.02
454415		510	4.5	1.2	<0.002	0.53	0.13	0.4	<1	0.4	15.8	0.07	0.05	0.21	0.012	0.04
454416		890	181.5	434	0.004	3.35	2.36	5.3	3	1.7	260	1.04	0.94	1.52	0.454	1.92
454417		480	5.0	0.9	<0.002	0.39	0.13	0.4	<1	0.5	29.5	0.05	<0.05	0.18	0.010	0.03
454418		380	1.8	0.5	<0.002	0.56	0.13	0.4	1	0.4	30.9	0.05	<0.05	0.16	0.008	0.02
454419		390	3.0	1.3	<0.002	1.51	0.13	0.5	1	0.4	31.5	0.08	<0.05	0.25	0.012	0.06
454420		350	2.8	2.3	<0.002	0.85	0.08	0.4	1	0.6	20.9	0.07	<0.05	0.26	0.009	0.08

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205699

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454401		0.3	30	0.2	8.4	40	10.3
454402		0.3	29	0.2	9.6	41	10.5
454403		0.2	15	0.2	5.5	20	6.2
454404		0.4	19	0.2	7.1	21	8.8
454405		0.6	27	0.3	13.1	27	11.8
454406		0.4	22	0.3	8.5	17	9.4
454407		0.7	62	0.7	6.9	226	76.8
454408		0.4	15	0.2	9.2	38	5.7
454409		0.2	12	0.2	6.7	281	3.9
454410		0.1	12	0.4	7.0	259	4.3
454411		0.1	1	<0.1	2.1	4	1.3
454412		0.1	7	0.1	6.8	120	2.3
454413		0.4	29	0.2	10.1	71	11.4
454414		0.2	20	0.2	9.4	36	5.4
454415		0.2	21	0.2	9.6	36	5.6
454416		1.0	60	0.5	7.2	333	75.1
454417		0.2	14	0.1	8.5	40	4.3
454418		0.1	14	0.2	6.4	49	4.5
454419		0.4	22	0.2	6.0	30	6.1
454420		0.2	20	0.2	7.0	28	5.9

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CERTIFICATE OF ANALYSIS VO17205699

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205702

Project: KAN

P.O. No.: KANDH17- 023

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

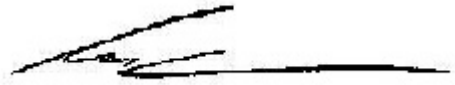
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17205702

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454441		2.35	<0.001	<0.01	0.14	0.5	10	0.95	0.01	2.01	<0.02	10.10	4.5	5	4.98	2.4
454442		<0.02	<0.001	0.01	0.14	0.4	10	0.91	0.01	1.93	<0.02	9.57	3.9	4	4.47	1.5
454443		2.38	<0.001	0.01	0.16	5.5	10	1.06	0.01	1.05	<0.02	10.70	4.3	7	5.99	1.9
454444		2.19	<0.001	0.01	0.27	0.5	20	0.76	0.01	1.28	<0.02	11.70	4.9	15	9.77	4.0
454445		2.01	0.001	0.01	0.34	1.8	20	0.83	0.03	0.93	0.02	16.90	6.8	15	12.75	5.0
454446		2.20	<0.001	0.01	0.44	1.5	30	0.99	0.02	1.07	0.02	13.00	7.4	14	16.25	4.6
454447		0.12	1.320	1.11	7.91	107.5	120	5.28	3.65	2.22	3.20	24.9	19.8	64	2.88	60.6
454448		2.34	<0.001	<0.01	0.58	3.1	40	0.92	0.03	0.55	<0.02	17.45	8.8	16	21.4	12.4
454449		2.37	<0.001	0.01	0.78	1.3	50	1.11	0.03	1.12	<0.02	18.65	9.5	20	27.7	22.7
454450		1.24	<0.001	0.02	0.54	0.6	40	0.55	0.03	4.00	0.07	12.00	7.8	15	18.75	63.2
454451		0.26	<0.001	<0.01	0.05	<0.2	10	0.11	0.01	32.8	<0.02	1.46	0.6	2	0.15	1.2
454452		3.28	0.002	0.23	5.71	22.4	110	1.57	0.07	3.21	0.41	17.15	36.8	155	0.96	102.0
454453		2.29	0.008	0.24	2.86	3.1	60	1.30	0.08	3.75	0.85	23.2	12.4	75	4.23	88.5
454454		1.88	0.001	0.15	2.69	1.1	50	0.83	0.04	4.21	0.44	28.5	13.3	66	5.74	70.5
454455		2.17	<0.001	0.04	7.22	36.4	70	1.27	0.01	3.95	0.10	12.80	53.6	183	0.67	59.1
454456		0.11	8.01	1.62	7.99	106.0	200	4.11	3.97	1.92	4.41	28.5	18.1	60	2.78	113.0
454457		2.28	0.003	0.03	2.04	5.9	60	0.93	0.07	1.94	0.03	15.10	19.1	52	28.3	68.8
454458		2.55	<0.001	0.01	0.94	1.2	40	1.39	0.02	1.33	0.03	17.80	12.0	20	29.3	18.2
454459		2.38	<0.001	0.02	0.47	26.8	20	1.23	0.03	0.90	0.02	13.85	10.8	12	12.75	16.9
454460		2.11	<0.001	0.02	0.49	0.8	20	1.45	0.01	0.48	0.02	14.10	7.7	14	12.85	2.0

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205702

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454441		24.7	0.90	0.07	0.1	0.032	0.007	0.06	6.3	0.6	2.15	9840	0.49	0.04	1.3	21.7
454442		24.0	0.86	0.08	0.1	0.030	0.006	0.06	5.9	0.5	2.07	9400	0.46	0.04	1.4	3.6
454443		21.8	0.92	0.06	0.1	0.055	0.007	0.07	6.2	0.5	2.01	9730	0.40	0.05	1.5	10.3
454444		17.00	1.37	0.06	0.1	0.058	0.009	0.11	6.1	0.6	1.74	8910	0.48	0.07	3.0	7.3
454445		19.85	1.72	0.07	0.2	0.072	0.012	0.14	8.6	0.7	1.90	9690	0.43	0.09	4.4	11.7
454446		23.4	2.15	0.07	0.3	0.064	0.012	0.18	6.7	1.0	2.59	11800	0.31	0.12	3.5	11.8
454447		5.14	26.9	0.09	1.9	0.005	0.102	4.06	11.6	3.0	1.69	455	1.53	3.54	16.2	71.5
454448		22.8	2.71	0.08	0.4	0.052	0.014	0.24	9.9	1.1	2.64	13950	0.43	0.16	4.8	38.4
454449		22.6	3.61	0.09	0.8	0.083	0.020	0.31	10.0	1.3	2.67	15000	0.49	0.21	7.0	13.3
454450		16.55	2.42	0.05	0.5	0.037	0.026	0.22	6.3	1.1	2.23	8600	0.37	0.14	4.3	15.0
454451		0.26	0.17	<0.05	0.1	<0.005	0.009	0.01	1.6	0.9	1.87	234	<0.05	0.03	0.1	0.6
454452		15.25	16.85	0.12	1.8	0.065	0.080	1.01	7.5	62.8	3.18	1960	10.05	0.02	3.5	103.0
454453		15.90	8.83	0.08	1.2	0.078	0.056	0.54	12.1	14.7	1.88	4960	9.97	0.04	4.3	65.5
454454		14.20	8.64	0.08	1.3	0.076	0.060	0.39	15.6	20.4	2.12	6390	4.13	0.05	5.7	47.5
454455		10.40	18.60	0.06	2.0	0.023	0.095	0.83	4.7	86.3	4.11	1530	0.32	0.02	2.6	89.2
454456		5.36	25.5	0.07	1.8	0.011	0.169	4.39	14.4	2.6	1.55	411	1.50	3.27	14.2	63.4
454457		18.15	6.20	0.08	0.9	0.116	0.037	0.35	7.7	17.4	2.66	9200	0.43	0.22	4.8	30.7
454458		24.8	4.16	0.08	0.7	0.042	0.023	0.33	9.5	1.9	3.74	14800	0.48	0.21	6.3	16.0
454459		25.9	2.42	0.08	0.3	0.037	0.014	0.18	7.7	1.4	3.92	14350	0.46	0.10	3.4	10.1
454460		23.9	2.43	0.09	0.3	0.024	0.012	0.22	7.8	1.3	3.66	11950	0.56	0.10	3.3	8.9

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Finalized Date: 10- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17205702

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454441		420	0.9	4.8	<0.002	0.07	0.14	0.4	<1	0.2	22.8	0.06	<0.05	0.27	0.010	0.04
454442		390	0.8	4.4	<0.002	0.06	0.11	0.3	<1	0.2	21.5	0.06	<0.05	0.26	0.011	0.03
454443		480	2.0	5.5	<0.002	0.06	0.12	0.4	<1	0.2	12.8	0.06	<0.05	0.26	0.012	0.04
454444		390	1.0	8.8	<0.002	0.13	0.16	0.7	1	0.2	17.2	0.10	<0.05	0.58	0.025	0.05
454445		540	0.9	11.6	<0.002	0.14	0.21	0.9	1	0.2	13.0	0.17	0.06	0.84	0.033	0.10
454446		380	1.2	14.9	<0.002	0.09	0.26	1.2	<1	0.2	16.3	0.15	<0.05	0.66	0.043	0.12
454447		970	151.5	300	<0.002	2.72	1.77	5.6	4	1.2	261	1.25	0.47	1.44	0.495	1.51
454448		580	1.3	19.5	<0.002	0.16	0.31	1.5	1	0.3	9.3	0.25	<0.05	0.85	0.065	0.17
454449		500	1.2	25.3	<0.002	0.24	0.33	2.0	1	0.3	18.3	0.39	0.07	1.16	0.085	0.23
454450		360	1.7	17.1	<0.002	0.40	0.53	1.7	1	<0.2	59.2	0.26	<0.05	0.80	0.071	0.13
454451		70	<0.5	0.3	<0.002	<0.01	0.07	0.2	<1	<0.2	81.4	<0.05	<0.05	0.07	0.005	<0.02
454452		510	9.1	25.6	0.010	3.26	0.44	31.8	1	0.8	53.9	0.25	0.11	1.25	0.333	0.79
454453		420	10.2	23.8	0.011	4.19	0.49	10.5	2	0.4	52.6	0.29	0.11	1.60	0.205	0.52
454454		850	5.8	18.2	0.007	3.19	0.24	8.8	1	0.6	68.2	0.35	0.06	1.60	0.166	0.25
454455		490	3.8	32.5	0.002	0.02	0.12	41.8	<1	1.1	61.0	0.18	<0.05	0.37	0.395	0.46
454456		880	189.5	447	0.003	3.19	2.16	5.0	3	1.3	246	0.98	0.86	1.57	0.453	1.85
454457		460	2.2	27.3	<0.002	0.66	0.40	9.7	2	0.5	34.7	0.28	0.09	0.72	0.197	0.31
454458		470	1.5	25.4	<0.002	0.17	0.69	2.6	1	0.6	23.9	0.34	<0.05	1.16	0.086	0.26
454459		470	1.3	11.7	<0.002	0.22	0.55	1.3	1	0.4	13.1	0.16	<0.05	0.61	0.049	0.12
454460		590	0.8	12.2	<0.002	0.03	0.89	1.4	<1	0.5	6.8	0.15	<0.05	0.65	0.044	0.13

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CERTIFICATE OF ANALYSIS VO17205702

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454441		0.2	15	0.3	10.2	14	5.5
454442		0.2	15	0.2	9.9	12	5.0
454443		0.2	15	0.3	9.7	11	5.6
454444		0.4	18	0.2	7.4	8	7.6
454445		0.4	24	0.3	9.2	9	11.0
454446		0.5	28	0.4	8.4	10	12.8
454447		0.7	64	0.6	7.1	240	79.9
454448		0.6	37	0.4	8.7	12	21.2
454449		1.0	47	0.4	10.2	17	32.0
454450		0.5	37	0.3	6.3	22	19.4
454451		0.1	1	<0.1	2.7	3	2.1
454452		4.6	341	1.2	7.6	128	62.7
454453		4.9	159	1.1	9.3	140	45.0
454454		4.6	122	0.8	9.9	129	50.0
454455		0.1	375	0.7	7.7	107	72.3
454456		1.0	59	0.5	7.0	322	71.7
454457		0.6	114	0.5	7.5	34	32.3
454458		0.9	51	0.4	9.7	23	29.6
454459		0.4	31	0.3	10.1	22	15.1
454460		0.4	33	0.3	11.4	23	13.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205702

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205703

Project: KAN

P.O. No.: KANDH17- 024

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

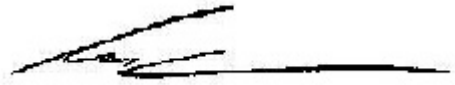
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205703

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454461		2.46	<0.001	<0.01	0.35	2.3	10	1.01	0.02	0.42	0.02	11.95	5.5	18	7.53	6.3
454462		<0.02	<0.001	<0.01	0.40	1.4	10	1.05	0.02	0.50	<0.02	13.35	6.1	18	7.87	4.3
454463		2.43	<0.001	<0.01	0.59	1.2	20	1.25	0.02	0.32	0.02	19.75	7.7	23	16.60	1.7
454464		2.39	<0.001	<0.01	0.61	0.9	20	0.78	0.02	0.24	0.02	15.60	7.2	19	11.15	0.5
454465		2.41	<0.001	0.01	0.64	2.1	20	0.92	0.04	0.38	0.02	21.8	8.8	23	18.15	11.8
454466		2.19	<0.001	0.01	0.28	1.3	10	1.02	0.04	1.80	0.04	13.25	5.8	22	3.83	11.9
454467		0.11	1.335	0.98	7.95	114.5	120	4.33	2.89	2.20	2.83	23.2	17.3	62	2.60	59.9
454468		2.19	<0.001	0.01	0.68	2.0	20	0.55	0.03	1.59	0.05	17.95	4.5	20	15.95	7.3
454469		3.02	<0.001	0.02	1.73	1.0	80	1.06	0.06	6.06	0.08	13.60	8.0	35	41.6	32.2
454470		1.46	<0.001	0.05	6.29	31.1	80	1.48	0.06	0.64	0.02	23.9	40.0	153	0.57	109.5
454471		0.26	<0.001	<0.01	0.09	0.4	10	0.05	0.02	34.4	<0.02	1.63	0.4	2	0.09	0.8
454472		2.09	0.001	0.06	6.72	25.3	150	1.76	0.13	3.11	0.06	38.3	28.8	129	0.83	105.5
454473		2.18	<0.001	0.05	6.46	0.7	200	2.03	0.18	0.98	0.03	55.7	18.0	91	1.11	55.5
454474		2.00	<0.001	0.05	6.84	0.3	220	2.18	0.19	0.11	0.02	39.6	15.9	95	1.10	38.7
454475		2.45	<0.001	0.05	6.66	0.5	260	2.32	0.17	0.98	0.03	53.9	23.5	93	1.34	26.2
454476		0.11	8.57	1.54	8.28	115.0	200	4.09	3.70	2.01	4.48	27.9	17.7	59	2.61	119.0
454477		2.15	<0.001	0.07	7.56	0.5	350	2.74	0.21	0.86	0.03	78.2	22.3	105	1.96	48.5
454478		2.16	0.001	0.05	7.39	5.4	310	2.45	0.16	1.06	0.05	68.5	21.2	104	1.64	44.5
454479		2.26	<0.001	0.07	7.78	9.4	370	2.69	0.44	0.50	0.02	62.4	30.8	108	2.10	74.5
454480		2.10	<0.001	0.07	8.09	0.6	370	2.52	0.38	0.32	0.04	65.1	18.1	112	2.36	56.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205703

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454461		19.10	1.50	<0.05	0.2	0.031	0.006	0.16	6.5	1.2	2.98	7910	0.80	0.07	2.8	6.3
454462		21.1	1.74	<0.05	0.2	0.020	0.008	0.18	7.3	1.3	3.28	9380	0.73	0.07	3.1	7.4
454463		25.8	2.38	<0.05	0.4	0.017	0.011	0.28	10.3	1.6	3.91	12200	0.96	0.13	6.2	10.7
454464		24.9	2.74	<0.05	0.3	0.012	0.009	0.31	8.4	1.2	3.81	9830	0.71	0.10	4.2	7.4
454465		27.3	2.60	<0.05	0.4	0.034	0.011	0.30	11.9	1.5	3.91	12000	0.61	0.14	5.2	12.1
454466		17.90	1.40	<0.05	0.2	0.053	0.005	0.15	7.1	0.9	2.86	7740	0.65	0.04	2.8	6.0
454467		5.13	24.2	0.05	1.7	0.008	0.098	4.03	11.0	2.8	1.67	458	1.38	3.44	14.5	66.2
454468		19.25	3.10	<0.05	0.3	0.039	0.020	0.35	10.3	1.5	2.93	8620	1.11	0.14	2.9	5.7
454469		17.60	5.56	<0.05	0.7	0.098	0.041	0.48	7.1	2.6	2.99	10300	2.21	0.32	4.9	14.9
454470		15.75	17.25	0.05	1.9	0.118	0.058	0.57	11.2	53.1	3.50	1650	10.40	0.01	8.4	85.8
454471		0.23	0.27	<0.05	<0.1	<0.005	0.006	0.01	1.6	1.3	1.81	189	0.16	0.03	0.1	0.6
454472		11.60	17.50	<0.05	1.9	0.026	0.049	1.15	17.5	56.1	2.86	1880	1.04	0.02	8.5	58.6
454473		11.45	18.10	0.06	2.0	0.015	0.026	1.40	29.3	42.3	1.88	1550	0.92	0.03	12.7	37.6
454474		12.30	19.60	<0.05	2.0	0.015	0.041	1.54	17.6	50.0	2.02	1350	4.92	0.03	13.1	34.7
454475		10.45	16.95	0.06	2.0	0.010	0.019	1.88	28.0	48.0	1.72	1240	2.24	0.03	13.0	54.7
454476		5.46	26.1	0.07	1.7	0.017	0.184	4.55	13.9	2.9	1.59	430	1.60	3.32	13.8	63.8
454477		10.30	21.9	0.10	2.7	0.010	0.023	2.61	39.9	53.8	1.75	1040	4.81	0.05	22.0	54.3
454478		10.30	20.6	0.07	2.8	0.007	0.021	2.23	34.9	53.8	1.92	1320	3.88	0.04	19.4	56.9
454479		9.30	21.5	0.08	2.5	0.012	0.030	3.04	31.8	47.9	1.45	1140	4.91	0.06	15.4	78.3
454480		8.59	22.9	0.08	2.5	0.009	0.050	3.27	33.7	48.1	1.46	1200	4.43	0.06	16.1	62.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205703

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454461		600	0.8	7.2	<0.002	0.14	0.67	1.0	<1	0.5	5.8	0.13	<0.05	0.48	0.034	0.10
454462		580	0.7	7.6	<0.002	0.08	0.81	1.0	<1	0.5	7.2	0.13	<0.05	0.54	0.039	0.10
454463		690	1.3	14.8	<0.002	0.04	1.47	1.6	<1	0.7	4.5	0.24	<0.05	1.37	0.072	0.19
454464		530	0.8	11.3	<0.002	<0.01	1.10	1.2	<1	0.7	3.1	0.19	<0.05	0.67	0.055	0.19
454465		650	1.4	16.0	<0.002	0.33	1.46	1.7	<1	0.7	5.5	0.23	<0.05	0.93	0.068	0.21
454466		470	1.4	4.5	<0.002	0.34	1.08	0.9	1	0.5	31.9	0.09	<0.05	0.58	0.041	0.09
454467		940	152.5	356	<0.002	2.70	1.59	4.9	3	1.2	250	1.07	0.51	1.33	0.482	1.51
454468		290	1.2	15.7	<0.002	0.20	1.17	1.5	1	0.6	26.6	0.12	<0.05	0.70	0.045	0.21
454469		350	3.6	35.8	0.002	0.89	0.38	4.9	1	0.7	109.5	0.30	0.05	0.84	0.125	0.35
454470		480	4.1	15.3	0.015	1.99	0.16	27.8	4	1.6	10.1	0.52	0.13	2.05	0.592	0.35
454471		80	<0.5	0.5	<0.002	<0.01	0.09	0.2	<1	<0.2	84.1	<0.05	<0.05	0.08	0.006	<0.02
454472		350	4.6	41.5	0.003	1.04	0.17	22.4	1	1.3	47.4	0.52	0.05	4.21	0.445	0.59
454473		240	3.4	52.2	0.005	1.45	0.20	10.9	2	0.9	14.8	0.79	0.07	6.91	0.276	0.69
454474		240	2.9	39.6	0.008	1.47	0.19	12.1	2	1.1	6.4	0.82	0.07	5.35	0.297	0.74
454475		260	3.6	72.6	0.003	1.63	0.19	11.6	2	1.0	17.7	0.84	0.08	6.82	0.294	0.82
454476		880	187.5	490	0.004	3.27	2.11	5.0	3	1.3	244	0.91	0.90	1.52	0.475	1.96
454477		340	6.8	104.5	0.010	2.08	0.22	13.8	3	0.8	20.0	1.29	0.09	9.23	0.366	1.12
454478		330	4.8	91.8	0.009	1.61	0.20	15.3	2	0.7	21.0	1.24	0.10	8.71	0.426	0.94
454479		310	6.2	122.0	0.009	2.39	0.35	16.2	3	1.4	13.8	1.07	0.13	8.52	0.425	1.28
454480		280	6.3	136.5	0.012	2.24	0.41	15.1	2	1.9	11.7	1.10	0.08	9.28	0.373	1.36

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205703

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454461		0.3	22	0.1	6.7	21	8.7
454462		0.3	25	0.2	7.8	22	10.7
454463		1.0	30	0.3	10.2	25	20.6
454464		0.7	41	0.2	6.9	26	15.1
454465		0.6	37	0.2	9.1	26	17.9
454466		0.4	20	0.1	9.5	20	11.0
454467		0.6	61	0.6	6.4	236	75.1
454468		0.3	41	0.2	5.8	18	12.8
454469		2.0	83	0.1	11.7	25	26.9
454470		5.8	363	0.7	8.3	68	75.5
454471		0.1	2	<0.1	2.4	3	1.8
454472		2.1	260	1.1	10.4	68	66.9
454473		3.6	184	1.6	9.7	46	69.1
454474		3.6	190	1.8	7.4	54	73.8
454475		4.1	208	1.9	9.5	35	72.5
454476		0.9	59	0.5	6.6	338	74.7
454477		7.6	291	2.1	12.7	30	104.5
454478		6.3	265	2.1	12.5	29	101.0
454479		6.5	252	2.9	11.6	29	90.9
454480		6.5	250	2.9	11.2	42	92.1

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205703

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17205707

Projet: KAN

Bon de commande #: KANDH17- 025

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 22- SEPT- 2017.

Les résultats sont transmis à:

SIMON HEBERT PASCAL SIMARD	SIMON HOULE JAMIE TODD	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205707

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
454481		2.24	<0.001	0.07	7.00	<0.2	300	2.05	0.23	0.19	0.03	24.4	20.1	109	1.68	49.0
454482		<0.02	0.001	0.05	7.19	0.3	310	2.16	0.24	0.20	0.03	27.9	20.8	110	1.77	56.9
454483		2.14	<0.001	0.04	8.41	0.6	360	2.44	0.15	0.09	<0.02	48.7	21.1	122	2.02	42.6
454484		2.36	<0.001	0.01	8.86	7.9	390	1.87	0.05	0.35	0.02	67.4	19.2	112	1.99	18.7
454485		2.09	<0.001	0.02	8.62	17.8	510	2.00	0.04	1.80	0.19	67.1	23.5	91	2.36	26.1
454486		2.28	<0.001	0.02	7.88	26.5	430	1.68	0.03	3.30	0.21	42.8	32.6	116	2.18	49.2
454487		0.10	1.350	1.05	7.94	106.5	120	4.18	2.74	2.20	2.57	23.7	18.0	61	2.42	58.9
454488		2.06	<0.001	0.01	8.06	0.8	420	1.80	0.02	2.13	0.08	46.6	16.2	84	2.08	24.9
454489		2.07	<0.001	0.01	8.71	17.7	410	1.96	0.01	1.26	0.08	54.9	26.9	97	2.31	12.9
454490		2.05	<0.001	0.03	7.11	2.1	240	1.76	0.06	0.33	0.05	48.7	17.0	100	2.15	28.2
454491		0.26	0.001	<0.01	0.10	0.3	10	0.06	0.01	31.4	0.02	1.26	0.7	2	<0.05	1.4
454492		2.42	<0.001	0.07	6.80	4.8	210	1.93	0.15	0.61	0.72	40.3	10.0	95	2.60	117.5
454493		2.23	0.015	0.42	3.77	132.0	80	0.61	0.17	0.44	1.45	36.5	65.8	74	1.74	171.5
454494		3.23	0.024	0.61	3.53	228	50	0.54	0.16	0.13	1.03	35.5	65.6	71	1.69	129.0
454495		2.76	0.031	0.56	3.92	230	50	0.57	0.13	0.21	1.11	40.6	65.3	75	1.83	138.0
454496		0.13	8.53	1.87	8.13	111.0	210	3.63	4.11	2.01	4.13	27.2	19.6	57	2.61	115.0
454497		2.77	0.027	0.71	3.85	251	40	0.52	0.15	0.17	0.50	37.4	53.3	76	1.72	153.5
454498		2.73	0.023	0.67	3.92	250	50	0.58	0.14	0.18	0.83	43.2	59.2	80	1.70	155.5
454499		2.77	0.024	0.64	3.91	244	50	0.55	0.14	0.18	0.73	37.2	54.6	75	1.68	163.0
454500		2.68	0.023	0.60	4.00	240	70	0.60	0.15	0.18	1.19	40.6	63.1	81	1.78	186.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 12- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205707

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
454481		9.95	22.4	0.08	2.1	0.010	0.032	2.59	9.2	46.0	1.64	1640	2.58	0.05	13.7	56.3
454482		10.10	23.1	0.08	2.3	0.008	0.034	2.58	10.7	49.4	1.66	1640	2.65	0.05	14.2	58.7
454483		9.32	24.7	0.10	2.2	<0.005	0.036	2.92	22.6	48.6	1.55	1910	2.93	0.06	12.4	57.3
454484		9.04	24.1	0.11	1.9	<0.005	0.033	2.79	33.6	50.3	1.54	2840	2.39	0.07	10.8	51.0
454485		7.69	22.2	0.11	2.0	<0.005	0.022	3.05	32.8	39.8	1.40	6780	2.29	0.08	9.0	46.9
454486		8.31	21.1	0.10	1.8	0.008	0.050	2.64	20.3	44.5	2.35	4430	1.21	0.07	6.1	59.3
454487		5.07	23.7	0.12	1.6	0.007	0.100	4.01	11.2	2.0	1.62	442	1.28	3.44	14.9	68.4
454488		6.89	20.6	0.11	2.3	0.007	0.022	2.61	23.2	26.0	1.53	3040	0.68	0.67	7.6	18.6
454489		7.37	21.6	0.10	2.5	<0.005	0.027	2.82	27.7	32.2	1.56	3600	0.73	0.33	6.6	30.7
454490		7.30	18.20	0.09	1.8	0.014	0.035	2.57	24.2	33.9	1.47	2800	1.91	0.11	4.1	38.1
454491		0.19	0.34	0.09	0.1	<0.005	<0.005	0.02	1.3	1.0	1.88	161	<0.05	0.04	0.1	<0.2
454492		11.20	19.30	0.10	1.8	0.096	0.064	2.86	18.6	27.7	1.29	1700	4.64	0.11	5.3	50.0
454493		30.0	11.05	0.15	1.9	0.401	0.081	1.41	19.9	11.7	0.58	465	12.30	0.19	2.9	93.6
454494		30.8	10.15	0.17	1.9	0.625	0.070	1.20	19.3	11.3	0.51	173	11.55	0.34	3.8	82.7
454495		28.9	11.10	0.18	1.9	0.651	0.081	1.34	22.4	11.9	0.56	203	14.15	0.44	3.2	89.1
454496		5.65	25.2	0.11	1.5	0.014	0.164	4.83	14.0	2.1	1.63	443	1.45	3.36	14.9	69.9
454497		31.5	10.60	0.20	1.9	0.554	0.059	1.25	20.4	12.3	0.53	149	12.40	0.53	4.0	79.2
454498		30.4	10.90	0.18	2.0	0.568	0.074	1.28	23.2	13.1	0.54	143	12.60	0.54	4.6	89.5
454499		30.9	10.65	0.19	1.9	0.581	0.066	1.23	20.2	13.1	0.55	139	13.05	0.59	4.0	75.4
454500		31.4	11.35	0.19	2.0	0.584	0.087	1.30	22.1	14.4	0.57	134	12.25	0.54	4.0	88.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 12- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205707

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
454481		290	4.2	58.4	0.006	1.93	0.37	15.6	3	1.3	9.5	0.91	0.08	4.37	0.398	1.06
454482		290	4.4	65.3	0.008	1.97	0.38	16.0	2	1.3	10.1	0.96	0.07	4.82	0.400	1.07
454483		270	3.5	95.6	0.006	1.16	0.30	17.1	2	1.3	9.9	0.86	0.08	7.72	0.379	1.22
454484		320	2.6	108.5	0.004	0.38	0.19	14.4	1	0.9	14.4	0.77	<0.05	10.25	0.353	1.20
454485		270	6.0	123.5	0.005	0.32	0.20	13.4	1	0.6	38.4	0.68	<0.05	10.05	0.312	1.47
454486		340	4.0	109.5	0.004	0.36	0.15	27.0	1	0.7	70.1	0.44	<0.05	5.68	0.503	1.53
454487		960	145.5	346	0.002	2.68	1.49	5.2	4	1.1	259	0.99	0.49	1.26	0.487	1.39
454488		320	3.0	94.8	<0.002	0.26	0.14	17.4	1	0.4	63.8	0.57	<0.05	6.72	0.384	1.51
454489		280	2.2	120.0	<0.002	0.31	0.15	16.5	1	0.5	44.2	0.48	<0.05	8.21	0.321	2.16
454490		220	1.9	103.0	0.004	1.82	0.32	13.8	1	0.8	25.9	0.22	0.07	6.70	0.121	2.30
454491		80	<0.5	0.9	<0.002	<0.01	0.07	0.2	1	<0.2	76.6	<0.05	<0.05	0.11	0.007	<0.02
454492		250	3.3	98.2	0.007	5.18	1.15	13.0	3	1.4	34.2	0.28	0.32	5.39	0.123	3.01
454493		150	15.4	63.6	0.013	>10.0	10.90	9.5	15	1.0	27.1	0.17	5.11	2.60	0.080	2.33
454494		140	23.9	54.8	0.014	>10.0	19.90	8.4	19	0.9	19.5	0.21	7.21	2.64	0.086	2.36
454495		160	23.7	59.1	0.014	>10.0	21.3	9.3	17	1.0	23.2	0.17	7.03	2.74	0.079	2.57
454496		920	191.5	510	0.004	3.43	1.95	5.3	4	1.2	256	0.86	0.84	1.45	0.486	1.92
454497		150	28.8	55.2	0.013	>10.0	27.2	8.8	19	0.9	22.4	0.22	7.84	2.73	0.089	2.50
454498		150	26.8	55.4	0.012	>10.0	24.8	9.1	20	0.9	22.4	0.23	7.23	3.14	0.098	2.52
454499		160	26.3	53.7	0.010	>10.0	23.5	9.2	19	0.9	22.2	0.21	7.11	2.50	0.090	2.38
454500		160	23.5	59.1	0.014	>10.0	21.6	9.5	21	1.0	22.9	0.20	6.73	2.87	0.087	2.41

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 12- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205707

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
454481		5.2	245	2.2	5.3	57	83.3
454482		5.3	245	2.3	5.8	57	86.4
454483		5.4	236	2.4	6.9	50	81.1
454484		4.8	193	2.0	8.0	48	75.0
454485		3.6	167	1.5	8.8	84	75.4
454486		2.1	266	1.0	7.2	95	70.0
454487		0.6	61	0.6	6.3	234	74.4
454488		1.7	164	0.7	7.3	76	90.6
454489		1.8	143	0.8	6.3	87	96.0
454490		2.9	165	0.7	4.4	107	69.5
454491		0.1	2	0.1	2.2	4	2.5
454492		4.8	192	1.1	5.1	160	68.6
454493		3.8	93	0.5	6.0	349	81.0
454494		4.7	81	0.5	7.1	263	83.1
454495		5.2	99	0.5	7.4	292	85.7
454496		0.8	61	0.5	6.8	335	75.6
454497		4.6	87	0.5	6.8	148	84.2
454498		5.0	94	0.5	6.8	241	89.4
454499		4.2	88	0.5	6.9	216	83.4
454500		4.9	93	0.5	7.2	328	91.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO17205707

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

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To: MINIÈRE OSISKO INC.
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Finalized Date: 11- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205710

Project: KAN

P.O. No.: KANDH17- 026

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

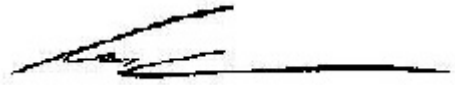
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205710

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454501		2.80	0.017	0.46	3.98	200	50	0.63	0.15	0.34	1.16	37.1	63.6	85	1.78	228
454502		<0.02	0.019	0.50	3.91	175.5	70	0.65	0.15	0.33	1.23	36.2	64.7	83	1.81	225
454503		5.18	0.014	0.42	4.21	173.0	50	0.63	0.17	0.35	1.18	43.3	63.0	88	2.02	208
454504		2.63	0.004	0.22	5.56	101.0	60	0.95	0.14	0.71	1.05	50.7	48.6	112	2.80	189.5
454505		2.32	0.006	0.27	5.36	73.5	70	0.76	0.13	0.75	0.58	50.3	46.8	109	2.63	178.5
454506		5.04	0.013	0.39	4.14	108.0	60	0.61	0.20	0.58	2.80	37.8	70.3	89	2.04	236
454507		0.08	1.320	1.06	8.38	112.0	120	4.66	2.80	2.30	2.52	24.4	20.1	63	2.53	64.3
454508		2.34	<0.001	0.34	5.52	9.2	180	0.92	0.07	0.43	1.62	43.9	5.9	123	2.91	427
454509		2.18	0.007	0.13	6.32	37.8	120	1.15	0.10	0.53	0.82	49.6	25.5	151	3.65	155.0
454510		2.33	<0.001	0.38	6.43	15.6	140	0.97	0.14	0.34	1.04	55.3	13.4	137	2.79	348
454511		0.26	0.003	<0.01	0.07	<0.2	10	0.06	0.01	32.8	0.02	1.06	0.8	2	<0.05	1.9
454512		2.28	<0.001	0.31	6.25	6.5	140	0.94	0.08	0.86	1.21	62.7	7.8	115	2.72	412
454513		2.46	<0.001	0.43	5.87	8.5	120	0.91	0.11	0.82	1.85	55.3	9.5	102	2.72	454
454514		3.00	<0.001	0.38	6.04	43.3	130	1.02	0.13	0.62	1.13	66.2	43.1	97	2.83	335
454515		2.40	0.001	0.18	6.06	19.2	160	0.79	0.03	4.47	1.24	22.8	32.2	125	2.13	197.0
454516		0.13	8.62	1.66	7.97	111.0	200	3.84	3.34	1.98	4.00	26.3	19.0	58	2.56	111.0
454517		1.36	0.008	0.30	5.58	62.8	70	1.06	0.11	0.85	1.23	55.5	53.4	120	3.00	202
454518		2.56	0.010	0.43	5.29	73.5	50	0.92	0.13	0.69	0.90	57.4	48.2	99	2.48	345
454519		2.56	0.016	0.35	4.40	145.5	60	0.75	0.12	0.36	1.32	41.2	71.0	103	2.14	82.5
454520		2.70	0.026	0.58	3.68	186.5	40	0.63	0.18	0.33	0.97	39.4	72.9	77	1.91	79.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205710

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454501		29.6	11.30	0.16	1.9	0.446	0.092	1.25	20.2	15.2	0.63	204	14.80	0.62	2.8	81.9
454502		29.3	11.70	0.18	1.9	0.477	0.096	1.21	19.8	15.5	0.62	193	15.25	0.62	2.7	82.6
454503		27.2	12.90	0.16	2.1	0.516	0.091	1.36	23.8	19.0	0.82	215	13.55	0.43	4.7	98.5
454504		20.1	17.35	0.14	3.0	0.367	0.078	1.95	26.0	24.9	1.12	298	13.70	0.62	7.2	98.1
454505		17.20	15.65	0.12	2.6	0.349	0.052	1.67	27.1	24.8	1.18	313	14.60	0.67	5.7	80.8
454506		25.5	11.90	0.14	1.8	0.523	0.103	1.30	20.8	17.0	0.83	228	14.00	0.56	3.3	99.0
454507		5.35	24.7	0.10	1.7	0.007	0.117	4.11	12.1	2.7	1.72	459	1.39	3.54	16.2	75.4
454508		20.2	17.45	0.14	2.5	0.210	0.075	1.88	23.2	26.6	1.10	171	13.90	0.44	3.0	139.5
454509		12.80	19.45	0.12	2.5	0.339	0.051	2.44	27.9	24.2	0.88	207	13.60	0.57	4.9	75.3
454510		16.85	19.25	0.12	2.7	0.215	0.064	2.01	31.5	26.5	0.97	139	12.80	1.05	3.9	113.0
454511		0.20	0.27	0.11	<0.1	<0.005	0.005	0.01	1.2	1.0	2.49	175	0.17	0.03	0.1	0.7
454512		19.80	18.35	0.15	3.0	0.208	0.076	1.87	34.5	24.9	1.09	285	13.50	1.22	3.4	135.0
454513		21.9	19.20	0.15	3.1	0.224	0.100	1.76	29.7	27.4	1.26	301	15.00	0.97	3.7	153.0
454514		20.1	18.45	0.16	3.3	0.296	0.092	2.01	34.3	28.9	1.23	229	12.50	0.59	5.2	115.5
454515		13.40	15.15	0.09	1.6	0.185	0.106	1.79	11.8	15.2	1.95	1170	4.02	1.51	2.6	103.5
454516		5.56	24.3	0.13	1.5	0.018	0.171	4.67	13.5	2.4	1.59	437	1.40	3.30	14.3	69.3
454517		19.15	16.95	0.14	2.7	0.208	0.099	2.09	29.8	24.4	1.07	348	12.55	0.38	5.1	90.3
454518		21.9	16.10	0.16	2.9	0.274	0.084	1.74	30.8	27.1	1.05	307	11.85	0.60	5.6	106.0
454519		25.3	13.60	0.15	2.1	0.411	0.095	1.40	22.1	24.8	0.86	212	14.55	0.39	4.3	60.8
454520		28.6	11.15	0.15	1.8	0.546	0.074	1.18	21.1	19.2	0.64	185	15.35	0.40	3.9	62.2

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205710

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454501		150	18.5	55.9	0.012	>10.0	15.90	10.5	17	1.0	26.5	0.16	5.58	2.46	0.079	2.27
454502		150	19.6	57.4	0.013	>10.0	16.70	10.6	17	1.0	27.3	0.16	5.90	2.49	0.074	2.36
454503		220	16.3	61.9	0.013	>10.0	13.20	11.2	14	1.0	26.4	0.27	5.05	2.97	0.098	2.46
454504		260	9.4	72.3	0.011	>10.0	6.79	14.6	9	1.2	39.2	0.46	3.12	3.71	0.151	3.16
454505		280	9.4	73.2	0.011	>10.0	7.13	14.1	8	1.0	37.0	0.32	3.05	3.60	0.146	2.62
454506		180	11.7	56.9	0.012	>10.0	7.90	9.9	10	0.8	29.8	0.17	4.00	2.83	0.085	2.12
454507		980	151.0	383	0.002	2.82	1.57	5.6	4	1.1	269	1.10	0.54	1.26	0.503	1.42
454508		220	6.4	76.0	0.013	>10.0	4.26	14.2	9	1.0	30.6	0.17	0.85	3.64	0.102	2.80
454509		200	6.5	102.5	0.012	8.74	3.55	15.0	5	1.2	36.4	0.28	2.11	4.08	0.159	3.57
454510		220	11.6	84.2	0.012	9.47	7.67	14.3	6	1.1	35.1	0.22	1.41	4.91	0.119	3.01
454511		70	<0.5	0.5	<0.002	0.01	0.07	0.2	1	<0.2	76.6	<0.05	<0.05	0.07	0.005	<0.02
454512		300	6.6	81.2	0.013	>10.0	3.86	15.2	7	1.3	45.0	0.18	1.09	4.66	0.093	2.86
454513		290	8.3	81.6	0.012	>10.0	4.19	17.8	10	1.2	44.5	0.20	1.54	4.10	0.106	2.83
454514		350	9.0	84.4	0.012	>10.0	4.62	16.8	8	1.4	37.3	0.30	2.11	4.25	0.129	3.08
454515		330	2.1	77.3	0.005	6.85	0.71	34.7	5	0.9	105.5	0.15	0.62	1.22	0.188	2.93
454516		920	179.5	500	0.002	3.40	1.91	5.2	3	1.1	252	0.83	0.79	1.34	0.473	1.87
454517		330	7.1	88.8	0.014	>10.0	2.82	15.2	8	1.4	40.3	0.27	1.98	3.85	0.137	3.40
454518		300	9.5	70.0	0.011	>10.0	3.55	14.2	10	1.2	40.1	0.32	2.60	3.89	0.122	2.92
454519		180	14.7	59.8	0.014	>10.0	5.14	11.3	11	1.1	28.2	0.23	3.30	3.07	0.097	2.47
454520		230	24.9	49.8	0.013	>10.0	7.24	9.0	14	0.9	26.4	0.20	5.90	2.83	0.074	2.19

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205710

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454501		4.7	102	0.4	7.4	323	82.9
454502		4.6	100	0.4	7.3	325	84.3
454503		3.9	101	0.5	7.6	327	91.0
454504		5.9	137	0.6	9.7	291	132.0
454505		5.3	127	0.6	9.5	191	116.0
454506		4.1	93	0.4	6.8	688	82.0
454507		0.6	64	0.6	6.7	244	78.8
454508		5.8	132	0.5	7.3	417	107.5
454509		6.0	141	0.6	7.3	203	112.0
454510		6.1	132	0.5	7.0	274	116.0
454511		0.1	1	<0.1	2.2	4	1.7
454512		6.0	136	0.4	9.5	305	131.0
454513		6.4	139	0.5	9.4	428	129.5
454514		4.9	140	0.5	10.0	315	139.5
454515		1.4	254	0.6	7.5	353	62.3
454516		0.8	60	0.4	6.5	344	72.5
454517		5.2	138	0.7	9.3	342	119.5
454518		4.8	129	0.6	9.4	265	121.5
454519		4.3	108	0.5	7.0	358	93.2
454520		3.7	89	0.4	6.8	261	81.2

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CERTIFICATE OF ANALYSIS VO17205710

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205713

Project: KAN

P.O. No.: KANDH17- 027

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

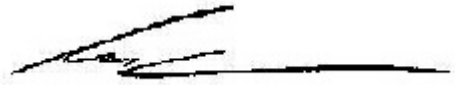
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: SIMON HOULE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: KAN

CERTIFICATE OF ANALYSIS VO17205713

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454521		2.62	0.045	0.59	2.97	226	70	0.61	0.20	0.28	1.45	26.9	65.4	65	1.64	147.0
454522		<0.02	0.047	0.60	3.03	225	50	0.50	0.18	0.27	1.44	29.3	63.0	64	1.71	134.5
454523		2.72	0.101	0.80	4.07	241	60	0.64	0.30	0.18	2.46	37.2	71.9	85	1.63	118.5
454524		1.71	0.053	0.65	4.48	179.5	60	0.70	0.20	0.30	2.27	42.6	78.1	104	2.03	111.0
454525		2.87	<0.001	0.17	6.47	1.6	80	0.75	0.03	4.63	0.08	9.25	11.3	118	1.89	111.5
454526		2.33	0.012	0.79	6.79	6.1	100	1.53	0.16	0.61	4.24	78.7	2.4	96	3.85	358
454527		0.08	1.290	0.97	8.15	113.0	120	4.42	2.86	2.24	2.52	22.9	17.0	64	2.61	58.3
454528		2.31	0.011	0.92	5.78	8.5	90	1.53	0.15	0.64	5.07	52.5	3.8	83	3.00	350
454529		2.10	0.012	0.67	8.14	26.7	140	2.36	0.18	1.05	8.11	73.7	15.0	120	5.57	212
454530		2.66	0.020	1.05	4.91	43.4	90	1.49	0.33	1.48	15.15	66.7	31.6	85	4.16	248
454531		0.29	0.002	0.01	0.08	1.1	10	0.06	0.02	32.1	0.08	1.55	0.6	3	0.05	2.1
454532		2.33	0.017	0.89	3.29	28.6	110	0.93	0.22	2.45	8.05	54.2	19.4	63	2.20	244
454533		2.43	0.014	0.67	1.78	232	40	0.48	0.13	3.59	6.74	41.6	8.8	49	1.01	246
454534		2.41	0.013	0.80	1.79	137.5	60	0.56	0.15	3.30	5.75	42.4	11.7	38	1.26	218
454535		2.38	0.047	1.97	3.24	11.6	50	1.51	0.42	1.20	20.7	38.8	8.3	63	3.82	370
454536		0.13	8.46	1.71	8.38	103.0	200	3.88	3.43	1.95	4.10	27.1	17.7	50	2.64	106.0
454537		2.23	0.045	1.49	2.70	41.7	80	1.05	0.31	2.56	16.85	43.3	13.8	56	2.52	255
454538		2.58	0.026	0.97	2.13	321	50	0.65	0.17	2.91	7.56	51.6	18.7	65	1.39	281
454539		2.08	0.025	1.33	1.74	349	50	0.54	0.22	3.10	8.28	40.2	11.1	45	1.14	357
454540		2.19	0.012	0.87	7.54	22.6	120	1.54	0.19	1.35	4.27	70.1	15.7	93	4.56	185.5

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Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205713

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454521		30.7	9.29	0.09	1.4	0.545	0.083	0.93	14.5	16.7	0.53	193	15.55	0.29	2.3	101.0
454522		31.1	9.09	0.08	1.5	0.550	0.091	0.97	15.1	14.9	0.53	202	15.50	0.30	2.6	95.5
454523		27.9	11.85	0.07	2.1	0.795	0.113	1.04	19.1	17.0	0.62	177	16.05	0.79	3.1	75.8
454524		24.7	13.45	0.07	2.4	0.586	0.108	1.31	21.5	17.1	0.69	266	16.15	0.71	3.7	85.4
454525		9.28	14.45	<0.05	1.1	0.032	0.057	1.33	3.8	56.3	4.17	1920	1.23	1.08	1.0	114.0
454526		21.5	19.15	0.09	3.8	0.407	0.150	2.41	44.9	30.8	1.02	589	26.9	0.65	8.8	205
454527		5.18	24.3	0.07	1.7	0.007	0.096	4.09	10.7	2.7	1.67	442	1.43	3.50	14.6	65.9
454528		22.0	15.80	0.09	3.0	0.609	0.130	1.93	29.5	25.5	0.82	616	18.20	0.66	4.4	208
454529		16.20	22.0	0.10	4.3	0.932	0.163	3.17	42.8	32.3	1.11	1560	60.3	0.37	11.9	124.5
454530		17.55	13.95	0.09	2.4	1.495	0.173	1.73	40.1	23.8	1.21	4480	81.0	0.30	4.4	133.0
454531		0.27	0.27	<0.05	0.1	0.007	0.007	0.02	1.6	1.1	2.19	190	0.50	0.03	0.2	4.2
454532		18.50	9.06	0.09	1.8	0.888	0.071	1.09	29.7	15.4	1.76	10950	39.1	0.14	3.8	144.5
454533		17.05	5.29	0.05	1.0	0.802	0.033	0.49	21.1	7.6	1.87	14300	28.3	0.26	1.8	120.0
454534		19.75	5.20	0.05	1.1	0.654	0.028	0.45	21.7	10.2	2.03	12650	35.9	0.17	2.1	127.5
454535		25.0	8.63	0.11	1.5	1.955	0.096	1.36	24.7	13.0	0.73	2910	96.6	0.06	2.2	246
454536		5.64	23.8	0.12	1.6	0.014	0.166	4.66	13.8	2.5	1.55	413	1.43	3.32	12.6	63.6
454537		19.10	7.18	0.07	1.6	1.735	0.086	0.99	25.7	12.3	1.34	7920	84.3	0.08	3.9	169.0
454538		17.30	6.20	0.05	1.5	0.766	0.038	0.71	27.0	7.7	1.87	14750	54.1	0.16	2.7	143.0
454539		21.7	4.99	<0.05	1.1	0.759	0.058	0.51	21.6	7.7	1.75	11450	55.7	0.10	1.9	219
454540		14.90	18.55	0.32	4.1	0.587	0.105	2.74	39.6	29.6	1.22	2330	30.9	0.37	7.4	134.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205713

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454521		100	27.2	39.5	0.014	>10.0	6.25	7.0	15	1.0	21.2	0.14	5.34	2.14	0.060	1.89
454522		120	27.1	39.2	0.009	>10.0	6.48	6.5	15	0.9	20.5	0.16	5.62	2.28	0.069	1.84
454523		120	44.6	40.6	0.014	>10.0	10.95	8.4	12	1.3	26.8	0.21	6.22	2.61	0.080	2.15
454524		150	37.7	48.2	0.013	>10.0	8.98	9.4	12	1.3	31.7	0.24	3.91	3.02	0.098	2.60
454525		280	3.2	51.3	0.002	2.71	0.47	29.0	2	0.8	126.0	0.06	0.19	0.27	0.187	2.58
454526		360	21.0	90.0	0.039	>10.0	4.73	12.8	9	2.6	49.2	0.57	0.84	7.00	0.159	4.61
454527		960	160.5	349	0.002	2.74	1.64	4.8	4	1.2	253	1.08	0.46	1.35	0.491	1.54
454528		310	21.9	69.1	0.026	>10.0	4.91	11.9	10	1.9	50.6	0.29	0.88	4.43	0.111	3.61
454529		1100	31.0	111.5	0.068	9.73	6.37	17.8	9	2.9	75.0	0.72	0.61	6.24	0.287	5.95
454530		1400	45.8	70.3	0.090	>10.0	10.90	9.7	12	1.9	67.3	0.30	0.73	5.22	0.097	3.63
454531		70	1.0	0.7	<0.002	0.04	0.15	0.2	1	<0.2	77.0	<0.05	<0.05	0.08	0.006	0.02
454532		2190	37.8	41.6	0.037	9.01	6.46	5.5	12	0.9	82.4	0.29	0.49	3.78	0.067	2.06
454533		2630	20.3	18.2	0.026	7.27	3.88	2.8	10	0.3	97.8	0.13	0.40	2.36	0.028	0.95
454534		2630	22.9	17.4	0.037	7.37	5.01	3.0	10	0.4	84.5	0.14	0.39	2.31	0.034	0.93
454535		980	74.2	57.3	0.110	>10.0	14.50	6.5	22	1.2	48.6	0.17	0.82	3.10	0.055	2.88
454536		880	172.5	470	0.003	3.34	1.98	4.7	3	1.2	245	0.86	0.71	1.42	0.446	1.87
454537		2150	57.2	41.3	0.077	>10.0	10.30	5.1	16	0.9	79.1	0.29	0.62	3.15	0.058	1.99
454538		2750	29.1	27.2	0.042	7.84	5.42	3.6	10	0.5	85.1	0.20	0.41	3.08	0.047	1.35
454539		2430	36.0	17.9	0.036	9.61	6.79	2.9	12	0.5	90.3	0.12	0.48	2.39	0.030	1.04
454540		1150	35.8	88.0	0.028	7.70	5.08	14.4	5	1.9	80.0	0.53	0.35	5.44	0.188	4.17

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205713

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454521		3.7	77	0.5	5.1	352	60.3
454522		3.6	79	0.5	5.4	345	59.0
454523		5.1	100	0.5	6.8	580	81.3
454524		6.0	115	0.7	7.4	510	93.7
454525		0.3	276	0.7	5.9	114	37.0
454526		16.9	297	1.3	12.2	839	142.5
454527		0.7	62	0.7	6.4	225	74.6
454528		11.5	194	0.8	8.5	916	112.5
454529		32.0	693	2.4	18.3	1360	168.0
454530		34.2	885	1.5	18.2	2360	91.8
454531		0.2	5	<0.1	2.4	15	2.0
454532		23.2	399	0.6	15.8	1240	67.2
454533		14.9	298	0.3	14.3	1000	40.1
454534		18.7	400	0.5	14.6	840	44.1
454535		41.3	1050	1.0	14.9	2880	58.1
454536		1.0	58	0.4	6.1	314	67.9
454537		38.3	785	0.9	18.1	2510	64.3
454538		28.2	480	0.6	18.1	1160	56.7
454539		27.8	404	0.5	15.5	1280	42.6
454540		22.9	342	1.2	14.8	856	150.5

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CERTIFICATE OF ANALYSIS VO17205713

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205744

Project: KAN

P.O. No.: KANDH17- 028

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

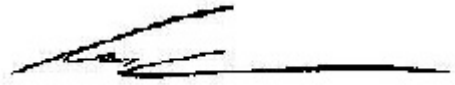
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17205744

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454541		2.19	0.019	0.58	8.40	76.8	170	1.62	0.28	0.92	3.55	64.5	32.6	89	4.50	128.0
454542		<0.02	0.019	0.60	8.45	85.2	160	1.70	0.29	0.86	3.59	66.6	36.6	91	4.53	126.5
454543		2.08	0.006	0.45	8.79	40.5	180	1.30	0.14	0.53	1.65	60.2	12.5	103	3.95	126.5
454544		2.71	0.017	0.45	10.25	41.9	210	1.60	0.15	0.25	1.56	70.0	18.0	121	4.83	119.5
454545		2.32	0.012	0.49	11.50	60.9	290	2.18	0.23	0.35	2.34	81.6	28.5	140	6.50	88.6
454546		2.15	0.043	0.79	9.38	67.9	210	1.65	0.19	0.67	3.51	80.3	30.7	115	4.61	96.0
454547		0.07	1.340	1.02	8.18	109.0	120	4.88	2.61	2.26	2.53	25.2	19.2	65	2.51	62.7
454548		2.19	0.027	0.89	7.53	103.0	140	1.53	0.27	1.02	5.54	73.6	41.1	93	4.44	102.5
454549		2.24	0.010	0.40	9.32	39.9	220	1.71	0.14	0.40	2.12	63.2	13.7	111	4.95	197.5
454550		2.28	0.038	0.52	8.43	83.6	200	1.44	0.17	0.38	3.95	76.3	24.3	94	4.78	91.5
454551		0.24	0.001	<0.01	0.10	<0.2	10	0.06	0.01	32.1	<0.02	1.13	0.4	2	0.07	0.9
454552		2.13	0.020	0.71	7.64	66.2	120	1.49	0.17	0.85	6.74	64.0	22.7	100	5.28	117.5
454553		2.33	0.059	1.46	3.87	53.3	100	0.62	0.26	2.95	11.70	64.2	20.1	66	2.98	229
454554		2.31	0.082	1.45	3.72	154.5	100	0.65	0.39	1.72	12.15	52.7	33.6	71	3.05	130.0
454555		2.43	0.097	2.04	6.41	199.0	50	1.08	0.54	1.24	10.55	59.7	26.5	96	5.04	69.8
454556		0.13	8.37	1.65	7.92	117.5	200	3.32	3.26	1.96	4.30	29.1	17.0	58	2.69	110.5
454557		2.35	0.062	1.29	7.89	108.0	90	1.51	0.38	0.94	7.32	75.9	24.4	108	5.35	91.5
454558		2.30	0.039	1.24	7.41	101.0	130	1.25	0.32	0.81	5.16	70.5	30.9	107	4.90	122.5
454559		2.45	0.035	1.24	8.10	26.4	210	1.50	0.22	0.72	6.68	70.6	13.6	113	5.60	167.5
454560		2.04	0.021	0.77	9.41	72.7	230	1.47	0.33	0.29	3.80	75.0	42.4	120	5.31	114.0

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205744

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454541		12.60	20.5	0.13	4.0	0.886	0.125	2.85	37.6	31.9	0.92	634	18.05	1.31	8.5	112.0
454542		12.90	20.6	0.15	4.0	0.881	0.123	2.87	39.3	29.6	0.88	605	17.95	1.32	8.3	113.5
454543		11.15	19.95	0.12	3.6	0.481	0.088	2.60	35.9	29.9	0.81	397	9.91	1.88	7.7	118.5
454544		10.25	23.7	0.15	4.3	0.489	0.101	3.05	41.4	36.0	0.79	211	12.15	2.12	11.2	112.0
454545		10.35	30.8	0.18	5.0	0.660	0.126	4.32	47.6	39.8	0.82	268	13.45	1.10	15.2	92.4
454546		11.85	22.3	0.16	4.5	0.986	0.106	3.15	47.1	33.8	0.97	356	15.45	1.20	15.5	118.5
454547		5.26	24.9	0.10	1.6	0.010	0.098	4.27	12.3	2.8	1.69	449	1.36	3.63	16.0	67.6
454548		12.70	21.4	0.15	3.7	1.290	0.115	2.46	41.6	35.0	0.93	613	24.7	0.98	9.5	115.0
454549		12.50	24.3	0.14	3.7	0.492	0.090	3.24	36.6	39.4	0.84	310	11.50	0.92	8.0	149.0
454550		11.40	22.9	0.16	6.0	0.890	0.100	3.06	43.5	33.3	0.76	321	15.70	0.56	17.3	108.0
454551		0.22	0.30	<0.05	0.1	<0.005	0.006	0.03	1.3	1.3	2.30	162	0.16	0.04	0.2	1.0
454552		11.90	21.1	0.12	4.0	0.876	0.108	2.98	36.9	30.2	0.88	721	29.8	0.25	9.0	131.0
454553		16.50	10.85	0.13	1.9	1.255	0.148	1.28	37.4	20.0	1.59	3670	71.7	0.10	5.5	218
454554		14.90	10.50	0.12	1.8	1.915	0.194	1.34	28.8	15.2	0.96	1630	54.4	0.18	5.5	148.0
454555		15.00	16.35	0.13	2.5	2.47	0.181	2.52	34.8	18.6	0.84	622	66.5	0.35	7.1	158.5
454556		5.39	25.4	0.08	1.6	0.018	0.174	4.47	14.3	2.3	1.53	419	1.52	3.18	13.7	64.6
454557		12.15	21.4	0.15	3.7	1.810	0.156	3.04	43.3	22.8	0.79	450	39.9	0.48	11.6	137.5
454558		13.25	20.8	0.15	4.4	1.310	0.138	2.84	40.1	26.3	0.83	419	30.8	0.37	12.0	158.5
454559		12.40	21.2	0.13	4.2	1.120	0.183	3.13	41.5	30.5	0.86	534	64.9	0.29	8.8	167.0
454560		12.55	25.9	0.16	4.8	0.882	0.143	3.39	41.3	40.7	0.89	224	20.8	0.53	14.3	129.0

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454541		320	50.1	83.2	0.017	9.27	5.71	16.6	5	1.8	86.5	0.49	0.65	4.97	0.243	4.16
454542		300	51.6	83.3	0.016	9.76	5.82	16.2	5	1.8	84.7	0.48	0.65	5.10	0.251	4.04
454543		290	27.7	72.5	0.011	6.90	3.58	17.7	4	1.6	90.3	0.44	0.28	4.49	0.270	3.60
454544		280	27.4	85.8	0.013	6.39	4.10	21.5	4	1.9	97.6	0.56	0.35	5.30	0.330	4.16
454545		320	31.3	119.5	0.016	7.82	6.73	23.7	4	2.6	111.0	0.75	0.52	5.89	0.457	5.87
454546		450	44.1	85.9	0.017	8.70	7.50	22.1	7	2.0	86.0	0.80	0.41	5.78	0.367	4.32
454547		970	159.0	358	0.002	2.78	1.50	5.4	4	1.1	262	0.99	0.52	1.37	0.514	1.42
454548		270	54.1	85.3	0.032	>10.0	8.97	18.8	8	1.8	82.4	0.59	0.42	6.94	0.236	4.36
454549		240	22.7	98.8	0.012	7.83	3.55	21.5	5	2.0	77.7	0.46	0.23	5.82	0.303	4.62
454550		310	33.0	94.7	0.020	9.29	6.52	18.8	7	2.2	66.2	1.30	0.37	7.46	0.309	4.57
454551		70	<0.5	1.0	<0.002	0.01	0.11	0.4	<1	<0.2	74.9	<0.05	<0.05	0.10	0.007	<0.02
454552		540	39.3	101.0	0.028	8.83	6.22	16.9	9	2.2	62.9	0.53	0.30	5.93	0.247	4.62
454553		2150	67.7	45.5	0.069	>10.0	6.92	7.8	13	1.1	92.6	0.35	0.30	4.55	0.113	2.35
454554		860	91.4	48.8	0.065	>10.0	12.60	7.5	11	1.1	63.8	0.37	0.66	4.20	0.105	2.83
454555		430	97.4	83.3	0.070	>10.0	22.6	12.2	10	1.7	65.6	0.44	1.16	5.53	0.190	5.00
454556		860	183.5	460	0.003	3.27	2.53	5.2	4	1.2	243	0.91	0.64	1.67	0.453	1.96
454557		410	69.3	97.3	0.042	>10.0	14.10	17.4	7	2.1	73.3	0.70	0.81	6.46	0.280	5.08
454558		410	60.2	91.2	0.032	>10.0	13.75	17.4	8	2.0	64.4	0.80	0.71	6.17	0.272	4.85
454559		520	54.8	101.0	0.042	7.42	6.14	18.6	6	2.1	62.5	0.56	0.33	6.40	0.243	4.73
454560		470	39.5	89.2	0.014	9.18	8.08	24.0	4	2.5	70.9	0.83	0.52	6.08	0.392	4.86

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205744

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454541		12.3	244	1.1	12.7	840	158.5
454542		11.8	244	1.1	12.6	856	158.5
454543		8.5	145	1.0	9.5	414	138.5
454544		9.4	170	1.2	11.6	377	170.0
454545		12.4	205	1.5	13.0	528	195.0
454546		13.9	212	1.4	13.7	715	182.5
454547		0.6	63	0.6	6.5	244	78.2
454548		17.4	339	1.4	12.1	992	137.5
454549		10.3	167	1.2	9.7	459	140.5
454550		13.5	205	1.3	16.6	724	204
454551		0.2	2	<0.1	2.3	5	2.3
454552		18.7	336	1.6	13.3	1040	145.5
454553		39.6	724	1.8	20.7	1860	73.4
454554		25.0	558	1.6	16.0	2080	67.6
454555		32.4	726	1.8	16.5	1940	96.1
454556		1.0	58	0.4	6.7	328	70.8
454557		23.7	404	1.7	15.5	1350	137.0
454558		20.9	355	1.6	14.9	1000	157.5
454559		36.0	601	2.0	17.8	1420	151.0
454560		19.7	228	1.8	14.3	824	181.5

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Project: KAN

CERTIFICATE OF ANALYSIS VO17205744

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205756

Project: KAN

P.O. No.: KANDH17- 029

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

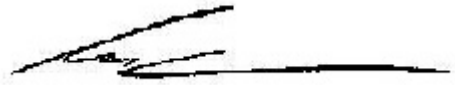
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205756

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454561		2.50	0.015	0.61	9.20	56.7	230	1.67	0.18	0.43	3.71	72.8	33.5	113	5.13	122.5
454562		<0.02	0.014	0.59	9.32	54.3	230	1.62	0.17	0.41	3.73	73.9	32.2	115	5.12	115.0
454563		2.42	0.032	0.96	9.39	93.0	250	1.73	0.36	0.38	3.01	66.2	44.7	118	5.56	69.1
454564		2.01	0.004	0.36	8.69	29.1	210	1.18	0.07	0.37	2.35	61.2	17.1	117	4.23	135.5
454565		2.20	0.003	0.48	9.21	32.3	240	1.37	0.09	1.15	2.13	79.6	23.3	107	4.67	181.0
454566		2.22	0.010	0.39	9.51	14.6	270	1.44	0.08	0.52	2.46	67.5	10.2	128	5.06	100.5
454567		0.07	1.315	1.03	8.14	105.5	120	4.70	2.84	2.25	2.55	24.0	18.9	59	2.39	59.0
454568		2.09	0.006	0.48	8.68	13.3	220	1.23	0.09	1.44	2.21	85.0	9.1	112	4.28	190.0
454569		2.21	0.006	0.49	10.10	26.4	270	1.58	0.11	0.24	2.22	82.9	21.1	137	5.45	94.3
454570		2.15	0.004	0.54	8.76	32.9	220	1.22	0.13	0.86	1.89	69.8	26.2	103	4.16	134.0
454571		0.30	<0.001	<0.01	0.07	<0.2	20	0.05	0.01	29.2	0.02	1.07	0.7	<1	0.05	1.4
454572		2.19	0.003	0.78	9.61	34.9	270	1.33	0.20	0.79	2.90	52.2	26.5	112	5.02	118.5
454573		2.15	0.003	0.59	10.85	21.8	310	1.58	0.09	0.61	3.02	70.4	24.1	134	5.60	94.5
454574		2.09	0.003	0.68	10.20	12.2	320	1.67	0.14	0.34	2.84	71.2	10.8	118	5.28	147.5
454575		2.24	0.004	0.68	9.02	14.1	320	1.72	0.16	0.94	2.38	65.1	10.7	106	4.49	172.0
454576		0.11	8.24	1.68	8.14	123.0	200	4.07	3.45	2.02	4.20	26.5	19.0	57	2.45	120.0
454577		2.35	0.002	0.58	10.90	26.9	390	2.36	0.13	0.34	2.68	70.1	27.9	121	5.79	112.0
454578		2.08	0.001	0.71	10.50	11.2	450	2.55	0.11	0.44	3.95	64.6	12.9	131	5.68	147.5
454579		2.39	0.002	0.48	8.98	11.5	340	2.16	0.08	0.87	2.63	78.6	9.9	110	4.95	153.0
454580		2.12	0.008	0.51	8.84	24.9	310	2.05	0.08	0.66	3.73	61.7	22.8	107	4.65	162.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205756

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454561		11.65	23.7	0.13	4.7	0.752	0.148	3.46	41.5	33.5	0.72	269	19.55	0.64	18.3	135.5
454562		11.45	23.9	0.15	4.7	0.724	0.145	3.47	41.7	33.5	0.71	264	19.05	0.65	17.7	136.0
454563		10.05	24.7	0.22	4.6	1.005	0.129	3.80	37.3	31.5	0.74	211	27.2	0.37	19.0	107.0
454564		10.25	21.4	0.22	4.7	0.481	0.125	3.10	34.4	35.4	0.88	244	10.55	0.55	15.9	129.0
454565		10.55	24.0	0.23	7.2	0.435	0.147	3.50	42.1	38.0	1.19	536	8.24	0.34	21.6	129.5
454566		7.89	26.5	0.25	5.9	0.507	0.164	3.83	36.1	38.9	0.90	289	9.60	0.34	20.4	105.5
454567		5.05	23.8	0.26	1.7	0.007	0.096	4.00	11.8	2.7	1.68	430	1.31	3.44	15.3	66.8
454568		11.15	21.6	0.26	5.4	0.446	0.142	3.16	46.6	35.7	1.34	629	10.20	0.42	17.6	156.0
454569		7.88	27.0	0.26	5.7	0.562	0.165	3.94	46.2	38.0	0.80	145	11.65	0.45	24.0	93.2
454570		9.50	23.1	0.23	6.1	0.476	0.146	3.25	36.7	45.4	1.22	389	6.40	0.53	17.6	116.0
454571		0.16	0.33	0.28	<0.1	<0.005	<0.005	0.02	1.1	1.6	3.65	156	0.06	0.03	0.1	0.6
454572		9.94	24.1	0.23	4.4	0.625	0.190	3.81	28.5	34.7	0.97	267	8.91	0.41	17.2	125.0
454573		7.80	28.8	0.26	6.0	0.627	0.200	4.38	38.2	43.0	1.12	212	10.65	0.36	22.7	90.6
454574		10.10	25.7	0.27	4.8	0.498	0.173	4.03	40.4	32.1	0.72	123	10.60	0.29	16.8	147.5
454575		10.75	22.8	0.23	4.9	0.450	0.141	3.45	35.5	36.8	1.08	372	9.93	0.25	17.5	154.0
454576		5.43	26.7	0.23	1.6	0.011	0.180	4.54	13.2	2.7	1.58	417	1.43	3.37	14.8	66.5
454577		7.84	30.0	0.29	5.1	0.423	0.160	4.52	38.9	38.6	0.75	126	11.80	0.36	22.5	99.2
454578		9.07	27.2	0.27	4.7	0.504	0.150	4.28	35.8	34.3	0.74	169	13.40	0.31	19.3	133.0
454579		9.69	24.2	0.26	5.3	0.297	0.112	3.56	42.2	33.3	0.92	312	10.20	0.27	16.9	137.5
454580		11.50	23.8	0.25	4.9	0.425	0.132	3.41	32.1	42.0	1.00	253	9.18	0.26	13.4	144.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205756

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454561		490	30.5	98.1	0.018	8.60	4.48	21.5	5	2.4	76.2	0.95	0.32	5.56	0.403	4.66
454562		490	28.9	98.8	0.017	8.31	4.26	21.5	5	2.4	76.1	0.93	0.33	5.60	0.409	4.70
454563		400	53.3	107.0	0.032	8.63	10.50	21.0	4	2.5	68.4	1.10	0.72	5.23	0.435	5.19
454564		300	22.1	85.3	0.011	6.18	1.91	22.0	3	2.1	64.8	0.82	0.11	4.73	0.381	3.59
454565		500	27.9	94.2	0.011	6.41	1.82	24.8	3	2.4	83.4	1.67	0.15	5.41	0.452	4.00
454566		490	25.3	102.5	0.010	4.29	1.74	27.2	2	2.6	73.8	1.13	0.10	4.48	0.534	4.40
454567		920	143.5	382	0.002	2.64	1.45	5.2	4	1.1	252	1.03	0.42	1.24	0.486	1.26
454568		360	23.0	87.9	0.011	5.67	1.95	23.3	3	2.2	82.8	1.01	0.15	5.30	0.379	3.67
454569		400	20.3	108.0	0.011	4.66	2.22	25.8	2	2.9	72.3	1.30	0.19	6.11	0.532	4.53
454570		510	37.2	79.3	0.007	5.60	1.77	24.5	2	2.3	73.2	0.98	0.17	3.69	0.498	3.57
454571		60	0.7	0.5	<0.002	<0.01	0.06	0.2	1	<0.2	75.5	<0.05	<0.05	0.12	0.006	0.02
454572		510	50.9	98.0	0.011	6.13	2.51	26.4	3	2.7	75.2	0.98	0.26	3.53	0.499	4.24
454573		550	29.9	112.5	0.013	4.26	2.47	29.9	2	3.4	76.0	1.25	0.16	4.48	0.666	4.77
454574		520	35.6	110.0	0.013	5.34	2.20	27.1	3	2.7	62.5	0.94	0.22	4.67	0.509	4.28
454575		450	44.3	93.8	0.010	5.36	2.35	24.1	3	2.4	62.5	0.97	0.25	4.80	0.382	3.63
454576		860	193.0	480	0.002	3.25	2.02	5.1	4	1.2	244	0.87	0.84	1.38	0.467	1.64
454577		600	31.4	124.0	0.014	5.00	2.71	29.7	3	3.0	65.6	1.27	0.19	4.53	0.642	4.69
454578		480	21.1	125.0	0.016	4.98	2.19	24.8	4	3.1	56.8	1.02	0.26	4.88	0.494	4.61
454579		380	12.1	102.0	0.012	4.88	1.54	20.7	4	2.6	56.8	0.88	0.14	5.79	0.321	4.05
454580		340	9.5	91.6	0.010	6.62	1.49	21.4	5	2.4	50.1	0.74	0.18	4.94	0.296	3.90

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205756

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454561		15.0	252	1.8	14.7	898	192.0
454562		15.1	245	1.8	14.7	890	192.5
454563		21.8	354	2.1	13.6	690	179.5
454564		9.8	147	1.4	11.9	674	186.0
454565		11.9	158	1.5	16.1	637	275
454566		12.8	175	1.7	13.2	745	233
454567		0.6	60	0.6	6.2	227	75.0
454568		10.0	146	1.3	13.7	694	219
454569		13.4	173	1.9	14.6	692	223
454570		9.6	151	1.5	12.9	627	239
454571		0.1	1	0.1	1.8	3	2.0
454572		15.6	177	1.6	10.9	922	178.0
454573		17.6	204	2.0	13.5	958	241
454574		15.8	185	1.8	11.8	774	190.0
454575		12.1	166	1.5	11.5	576	197.5
454576		0.8	58	0.4	6.5	330	74.8
454577		18.9	215	2.5	12.1	560	203
454578		15.7	221	2.6	10.2	710	189.0
454579		9.9	157	1.9	10.0	467	206
454580		9.2	147	1.8	9.4	667	190.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205756

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205765

Project: KAN

P.O. No.: KANDH17- 030

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

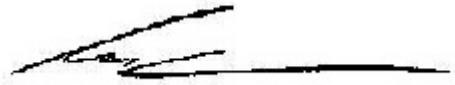
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205765

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454581		2.34	0.004	0.45	10.15	25.6	360	2.57	0.07	1.74	2.40	120.0	13.5	118	5.60	68.1
454582		<0.02	0.002	0.41	10.20	24.4	360	2.40	0.06	1.70	2.28	121.0	13.5	116	5.62	65.5
454583		2.17	0.001	0.38	10.40	9.1	410	3.01	0.06	0.35	2.03	110.0	6.0	139	6.59	130.5
454584		2.15	0.002	0.41	10.90	19.9	450	3.34	0.07	0.88	9.75	109.0	18.5	140	6.79	63.6
454585		2.42	0.001	0.64	9.87	21.8	390	2.56	0.13	1.50	3.20	80.9	13.2	112	5.83	139.5
454586		2.08	0.010	0.52	8.36	69.3	220	2.19	0.29	1.46	4.17	80.9	28.9	97	5.44	87.5
454587		0.07	1.305	1.30	8.24	123.0	120	5.67	2.96	2.32	2.76	26.5	19.6	66	2.70	70.7
454588		2.19	0.013	0.41	8.13	74.9	130	1.93	0.21	0.87	3.99	66.6	26.9	95	5.31	178.5
454589		2.14	0.018	0.85	9.09	81.5	160	2.19	0.41	0.49	5.27	83.8	30.5	104	6.09	117.5
454590		1.92	0.009	0.54	9.46	57.5	320	2.05	0.30	0.57	3.21	83.5	25.2	119	6.44	94.3
454591		0.28	0.002	0.01	0.09	1.1	10	0.06	0.01	33.5	0.03	2.05	1.0	1	0.07	5.3
454592		2.02	0.011	0.59	9.35	44.9	290	1.97	0.21	0.65	2.47	86.5	16.8	111	6.03	132.0
454593		2.13	0.016	0.63	9.00	69.0	210	1.89	0.27	0.87	3.59	81.3	22.0	105	6.32	131.0
454594		2.08	0.014	0.79	6.14	37.7	130	1.47	0.19	0.50	5.60	60.2	11.2	75	4.71	222
454595		2.14	0.012	0.42	7.26	60.2	300	1.88	0.22	0.93	1.81	107.0	12.9	76	4.94	76.9
454596		0.13	8.49	1.68	7.98	118.0	190	3.68	3.55	1.89	4.14	27.3	17.3	59	2.65	107.5
454597		1.12	0.044	1.24	4.64	222	50	1.21	0.42	1.78	8.70	50.9	22.3	77	4.59	95.9
454598		2.07	0.024	0.75	5.84	158.5	60	1.29	0.24	1.05	4.39	62.4	16.9	75	5.17	146.0
454599		2.13	0.037	1.06	6.34	138.5	80	1.60	0.29	1.50	6.09	58.5	20.2	77	5.91	151.5
454600		1.71	0.021	0.79	8.16	109.5	110	2.03	0.28	1.65	4.24	62.4	19.4	83	7.23	117.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205765

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454581		8.24	29.7	0.16	10.9	0.276	0.116	3.78	63.9	57.4	1.70	625	10.70	0.30	30.7	89.6
454582		8.14	31.3	0.19	11.9	0.281	0.125	3.84	62.4	61.1	1.71	624	10.95	0.31	32.5	88.7
454583		7.79	32.8	0.20	9.0	0.211	0.121	4.26	60.4	41.0	0.69	147	12.15	0.31	19.1	124.0
454584		5.80	34.8	0.18	8.4	1.120	0.230	4.55	58.6	51.6	1.11	341	15.15	0.34	26.1	70.7
454585		9.81	28.8	0.16	5.6	0.282	0.117	3.90	44.4	44.7	1.29	518	14.30	0.31	11.8	138.0
454586		9.82	25.2	0.17	5.4	0.721	0.123	3.27	45.1	36.1	1.15	441	16.10	0.27	13.6	99.5
454587		5.23	28.0	0.09	1.8	0.007	0.104	4.19	12.2	2.9	1.72	466	1.47	3.59	15.8	77.4
454588		11.65	22.0	0.14	4.1	0.657	0.107	3.17	37.1	31.1	0.78	266	14.40	0.23	7.6	141.5
454589		11.80	25.3	0.17	5.3	1.045	0.137	3.59	46.7	33.9	0.72	164	22.2	0.25	15.9	143.0
454590		8.85	27.5	0.15	6.0	0.653	0.119	3.84	45.7	35.1	0.81	193	15.70	0.28	16.6	111.5
454591		0.24	0.24	0.05	0.1	<0.005	0.006	0.02	1.8	0.7	1.93	172	0.08	0.03	0.2	0.3
454592		9.53	25.5	0.15	7.2	0.463	0.103	3.53	48.0	36.3	0.99	199	14.55	0.25	22.2	116.0
454593		10.70	23.7	0.14	4.8	0.613	0.104	3.56	45.9	28.2	0.87	250	25.9	0.26	11.9	125.5
454594		10.80	16.10	0.13	3.5	0.604	0.102	2.28	32.9	26.0	0.78	193	32.8	0.18	5.3	200
454595		7.83	20.8	0.17	7.3	0.388	0.062	2.47	51.5	58.8	1.58	382	31.5	0.15	6.6	94.2
454596		5.50	25.9	0.09	1.7	0.009	0.166	4.48	13.1	2.3	1.53	411	1.50	3.29	13.9	67.5
454597		14.30	12.75	0.17	2.4	1.825	0.109	1.79	30.7	20.1	1.03	494	84.6	0.10	6.5	170.0
454598		12.85	16.95	0.14	3.9	1.200	0.088	2.37	34.1	17.5	0.73	180	33.0	0.19	15.4	161.0
454599		12.70	16.95	0.10	3.4	1.160	0.117	2.58	34.6	18.7	0.93	256	47.7	0.23	7.3	192.0
454600		11.30	21.1	0.14	4.1	1.045	0.098	3.41	36.0	22.8	1.14	241	18.70	0.36	8.9	158.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205765

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454581		400	11.3	123.0	0.008	4.25	1.84	25.1	3	3.1	74.5	2.26	0.15	12.75	0.351	4.87
454582		410	11.7	117.5	0.015	3.98	1.90	26.1	2	3.1	74.5	2.35	0.10	12.85	0.340	4.97
454583		380	9.7	142.5	0.010	4.27	1.53	25.8	3	3.4	55.8	1.51	0.12	10.90	0.313	5.78
454584		430	10.6	145.5	0.014	3.17	2.26	21.0	2	3.6	67.8	1.58	0.07	10.35	0.411	5.95
454585		300	11.9	97.7	0.013	5.43	2.30	24.0	3	2.7	68.7	0.71	0.19	7.29	0.279	4.98
454586		320	16.0	91.4	0.018	7.64	4.16	19.1	4	2.4	58.7	0.81	0.47	7.44	0.242	4.66
454587		990	156.5	348	0.003	2.79	1.76	6.6	5	1.2	262	1.38	0.54	1.72	0.504	1.49
454588		270	17.0	104.5	0.019	9.45	4.03	17.5	5	1.9	46.7	0.51	0.35	6.06	0.212	4.78
454589		370	29.2	116.0	0.024	9.97	7.51	19.3	5	2.3	48.0	0.97	0.57	7.69	0.284	5.39
454590		290	19.9	122.5	0.017	6.80	5.31	21.9	3	2.6	53.3	0.99	0.39	7.79	0.329	5.55
454591		80	<0.5	0.7	<0.002	0.06	0.08	0.3	<1	<0.2	80.6	<0.05	<0.05	0.26	0.006	<0.02
454592		310	16.3	108.5	0.015	6.53	4.99	18.5	4	2.6	50.1	1.42	0.33	8.24	0.354	5.04
454593		360	22.0	96.1	0.023	8.41	6.49	17.3	5	2.4	52.4	0.76	0.42	7.13	0.275	5.18
454594		540	20.9	76.9	0.026	7.12	6.10	12.7	10	1.7	44.6	0.34	0.16	6.86	0.151	3.83
454595		970	22.4	85.0	0.033	4.63	5.04	12.6	6	2.1	40.7	0.45	0.29	12.15	0.143	4.10
454596		860	172.5	436	0.003	3.31	2.13	5.4	4	1.2	242	0.89	0.76	1.66	0.439	1.95
454597		630	53.6	64.2	0.070	>10.0	15.50	10.1	12	1.5	43.8	0.49	0.47	5.23	0.125	3.42
454598		360	44.0	72.4	0.029	>10.0	11.80	10.9	9	1.9	41.3	0.81	0.39	5.82	0.143	4.42
454599		400	53.1	79.0	0.024	>10.0	15.40	12.1	9	1.7	49.4	0.46	0.42	5.57	0.168	5.11
454600		260	47.3	94.2	0.018	>10.0	13.85	16.0	9	2.2	56.8	0.54	0.44	5.72	0.254	6.53

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205765

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454581		11.7	154	2.1	17.5	455	379
454582		12.3	155	2.0	18.6	452	416
454583		12.9	166	2.3	15.0	340	310
454584		15.6	215	2.6	13.8	1540	301
454585		14.2	204	1.9	10.9	535	204
454586		14.0	203	1.8	11.9	766	196.0
454587		0.8	64	0.8	7.2	245	79.4
454588		12.7	195	1.4	10.1	768	143.5
454589		17.3	272	1.9	13.2	1000	186.5
454590		14.5	211	1.8	12.8	638	211
454591		0.2	2	<0.1	2.3	3	2.0
454592		13.8	216	1.9	14.6	485	254
454593		17.0	259	1.9	13.0	659	176.5
454594		17.4	471	2.0	13.0	943	124.5
454595		17.8	417	1.5	20.2	400	240
454596		1.0	58	0.5	6.7	318	72.8
454597		35.5	898	2.3	19.1	1560	91.2
454598		18.0	325	1.2	14.3	874	144.0
454599		22.7	421	1.6	12.6	1100	119.0
454600		15.7	217	1.4	11.4	766	148.0

***** See Appendix Page for comments regarding this certificate *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205765

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205791

Project: KAN

P.O. No.: KANDH17- 031

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

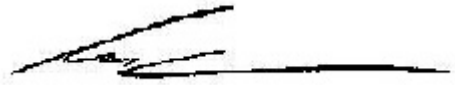
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
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Finalized Date: 11- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17205791

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454601		2.53	0.031	1.47	5.45	144.0	160	1.29	0.35	2.27	6.84	52.1	20.6	72	5.59	167.0
454602		<0.02	0.043	1.48	5.61	142.5	90	1.50	0.38	2.11	7.00	51.9	21.1	76	5.78	178.5
454603		2.37	0.017	0.86	6.03	66.8	80	1.79	0.25	2.20	3.22	63.5	20.6	73	4.84	219
454604		1.85	0.002	0.41	7.78	19.8	220	2.81	0.14	1.23	2.37	94.9	12.9	93	5.98	131.0
454605		2.12	0.006	0.47	6.90	111.5	180	2.56	0.26	2.45	0.95	82.6	67.4	91	5.00	90.6
454606		2.28	0.004	0.55	7.26	13.8	140	3.12	0.31	0.79	2.71	70.0	17.6	101	5.62	134.5
454607		0.11	1.315	1.12	8.86	102.0	120	4.71	3.15	2.31	2.64	24.9	19.3	56	2.69	57.6
454608		1.92	0.003	0.36	6.28	19.6	240	3.76	0.30	0.74	0.79	90.1	21.6	125	4.92	54.7
454609		2.15	0.006	0.55	4.31	18.1	180	2.22	0.37	3.49	0.95	58.5	19.3	72	3.27	94.8
454610		2.44	0.009	0.42	9.12	51.9	220	2.31	0.44	0.89	2.29	65.4	43.5	104	6.84	59.3
454611		0.32	<0.001	0.01	0.08	<0.2	20	<0.05	<0.01	32.6	<0.02	1.39	0.4	1	0.05	1.4
454612		2.02	0.008	0.39	8.68	56.5	190	1.89	0.33	1.09	2.05	65.5	30.2	110	5.90	77.1
454613		2.24	0.015	0.51	9.67	76.5	210	1.55	0.40	0.50	2.25	66.0	33.8	108	6.16	57.8
454614		2.22	0.015	0.56	7.60	86.3	70	0.97	0.32	1.33	2.99	60.9	24.9	75	4.86	138.0
454615		2.34	0.010	0.46	7.88	76.0	60	1.15	0.26	0.82	4.64	56.2	22.5	82	5.19	237
454616		0.11	8.65	1.75	8.48	109.5	200	3.93	3.37	1.99	3.91	26.5	18.3	53	2.62	109.5
454617		2.35	0.013	0.60	5.70	89.5	100	1.12	0.30	3.43	3.41	83.5	17.3	56	4.18	182.5
454618		2.06	0.022	0.66	7.17	110.5	80	1.36	0.39	2.82	2.64	63.5	23.0	76	5.94	73.9
454619		2.35	0.025	0.68	4.77	137.0	90	0.86	0.32	3.82	2.54	50.2	19.8	58	4.29	161.5
454620		2.11	0.025	0.74	4.30	151.5	50	0.75	0.35	1.76	3.04	44.2	17.5	60	3.96	97.3

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205791

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454601		13.50	12.95	0.08	2.8	1.435	0.131	2.26	32.8	15.7	1.28	393	66.2	0.18	7.8	193.5
454602		14.05	13.45	0.09	2.8	1.425	0.130	2.35	32.5	15.5	1.21	375	67.1	0.17	7.9	204
454603		13.70	15.80	0.75	5.0	0.651	0.100	2.41	35.3	17.6	1.26	424	26.3	0.28	20.4	178.5
454604		8.77	21.6	0.22	8.1	0.331	0.131	3.11	50.8	24.6	0.90	343	16.75	0.28	30.4	95.6
454605		12.10	19.55	0.16	7.3	0.214	0.103	2.61	44.5	35.3	1.82	829	14.80	0.17	34.0	82.1
454606		12.05	19.05	0.54	4.8	0.477	0.163	2.90	38.9	29.5	0.89	319	20.2	0.18	20.4	115.0
454607		5.50	24.7	0.22	1.8	0.006	0.113	4.35	12.5	2.6	1.77	444	1.25	3.76	15.5	71.5
454608		6.76	18.50	0.08	4.0	0.192	0.125	2.51	51.2	32.4	0.78	384	30.0	0.14	16.7	57.3
454609		10.65	12.95	<0.05	3.1	0.194	0.106	1.56	31.9	24.1	1.91	1940	36.4	0.17	17.5	91.9
454610		10.40	22.3	0.16	4.4	0.556	0.137	3.33	37.4	32.5	0.90	251	16.60	0.45	12.2	90.1
454611		0.17	0.20	<0.05	0.1	<0.005	<0.005	0.02	1.4	0.9	2.38	152	0.17	0.03	0.1	1.1
454612		11.30	21.1	0.30	4.5	0.503	0.123	2.81	37.5	39.3	0.99	278	15.20	0.56	11.8	101.0
454613		11.20	22.5	0.22	4.1	0.820	0.125	2.62	39.6	43.3	0.62	100	17.10	0.98	12.4	103.5
454614		13.05	18.45	0.06	4.0	1.015	0.135	2.07	35.9	32.6	0.87	266	15.10	0.96	10.8	165.5
454615		14.70	18.70	0.17	3.7	1.090	0.175	2.14	32.8	43.4	0.77	138	18.10	0.74	11.0	181.5
454616		5.72	24.3	<0.05	1.7	0.011	0.167	4.66	13.7	2.7	1.61	415	1.35	3.38	14.2	66.3
454617		14.90	14.60	0.10	4.9	1.060	0.118	1.64	45.1	22.3	1.63	346	20.5	0.69	21.0	208
454618		12.85	18.30	0.06	3.8	1.205	0.098	2.29	37.9	23.1	1.38	226	24.5	0.79	12.7	171.5
454619		16.55	11.60	0.07	2.0	1.360	0.094	1.47	30.7	19.6	1.87	508	45.4	0.37	11.7	166.0
454620		16.55	10.55	0.05	1.5	1.780	0.093	1.27	26.7	20.4	0.98	228	51.3	0.31	7.5	155.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205791

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454601		620	64.2	69.4	0.060	>10.0	16.70	10.1	12	1.7	53.6	0.56	0.61	4.26	0.161	4.84
454602		590	66.1	71.0	0.057	>10.0	17.25	10.1	12	1.7	52.2	0.57	0.64	4.49	0.162	4.99
454603		470	28.3	68.2	0.028	9.61	6.93	11.1	8	2.2	58.6	1.28	0.34	5.83	0.191	3.81
454604		640	12.0	85.9	0.014	5.28	2.26	14.8	4	3.5	49.5	1.87	0.20	8.88	0.286	4.27
454605		910	16.3	68.5	0.012	7.64	3.24	12.8	3	3.4	58.9	1.90	0.36	6.65	0.289	3.18
454606		590	18.4	77.9	0.017	6.76	3.66	13.9	5	3.2	35.7	0.99	0.39	5.55	0.260	3.52
454607		1020	159.5	378	0.002	2.80	1.64	5.2	4	1.2	270	1.01	0.56	1.32	0.503	1.45
454608		950	18.6	77.4	0.016	4.03	3.71	17.1	3	2.6	31.7	0.95	0.38	4.77	0.247	3.32
454609		660	26.5	48.9	0.019	5.68	4.74	12.1	6	1.8	72.9	0.94	0.54	3.62	0.216	2.13
454610		320	31.5	79.6	0.021	7.82	6.96	16.6	3	2.5	59.6	0.83	0.87	5.61	0.295	4.10
454611		80	<0.5	0.4	<0.002	<0.01	0.06	0.2	<1	<0.2	80.1	<0.05	<0.05	0.13	0.006	0.03
454612		390	24.2	65.3	0.018	8.27	6.15	16.6	3	2.1	64.5	0.71	0.45	5.27	0.286	3.54
454613		270	45.4	64.6	0.021	9.54	10.80	17.2	4	2.2	103.0	0.81	0.72	5.49	0.359	3.64
454614		490	45.4	54.0	0.018	>10.0	11.10	13.2	4	2.1	79.0	0.67	0.78	4.61	0.239	3.35
454615		260	35.8	54.0	0.021	>10.0	9.50	14.0	5	1.9	67.5	0.67	0.76	4.64	0.237	3.26
454616		910	177.0	460	0.003	3.37	2.03	4.8	3	1.2	251	0.84	0.79	1.65	0.454	1.93
454617		340	45.8	44.4	0.024	>10.0	11.80	9.6	6	1.8	67.0	1.35	0.58	6.37	0.189	2.95
454618		250	62.6	62.1	0.028	>10.0	17.40	10.5	4	2.3	64.7	0.97	0.71	5.37	0.257	4.28
454619		470	61.8	42.3	0.038	>10.0	16.95	7.5	8	1.5	51.5	0.76	0.55	3.96	0.160	3.28
454620		460	65.0	39.4	0.043	>10.0	19.65	6.9	7	1.2	34.4	0.49	0.55	3.87	0.115	3.28

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Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205791

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454601		30.6	625	1.9	12.9	1280	100.0
454602		31.0	639	1.9	14.7	1300	103.0
454603		14.0	229	1.3	14.1	640	187.5
454604		13.5	194	1.5	17.5	526	297
454605		8.7	146	1.6	17.7	248	278
454606		11.0	190	1.7	11.4	645	176.0
454607		0.7	65	0.6	6.3	229	75.7
454608		11.5	259	2.1	13.4	176	166.5
454609		10.5	231	1.9	14.2	203	132.5
454610		13.3	195	1.3	10.8	516	156.0
454611		0.2	1	<0.1	2.1	4	1.8
454612		12.4	184	1.1	12.6	450	162.5
454613		14.0	210	1.1	11.0	529	147.5
454614		12.8	193	0.8	13.2	759	141.5
454615		13.7	197	0.9	11.8	1180	136.5
454616		1.0	59	0.7	6.1	306	69.0
454617		12.7	194	0.9	16.7	923	171.0
454618		19.5	255	1.3	15.1	710	142.0
454619		21.3	376	1.3	13.4	675	77.8
454620		26.6	427	1.2	10.5	764	63.3

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Finalized Date: 11- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17205791

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205855

Project: KAN

P.O. No.: KANDH17- 032

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

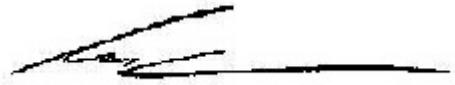
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17205855

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454621		2.58	0.021	0.99	5.47	202	50	1.22	0.33	0.86	7.93	55.5	21.4	67	4.65	89.1
454622		<0.02	0.029	0.95	5.43	203	40	1.11	0.31	0.97	7.56	59.6	21.4	66	4.66	89.0
454623		2.14	0.021	0.66	6.02	137.5	70	1.43	0.25	2.20	5.10	75.3	20.4	63	4.99	102.5
454624		2.29	0.014	0.52	7.28	93.1	120	1.41	0.29	1.59	4.21	59.6	26.2	71	5.39	101.5
454625		2.02	0.014	0.47	7.75	88.4	110	1.52	0.33	0.99	4.50	67.8	27.0	75	5.55	98.5
454626		2.38	0.012	0.46	8.20	89.8	140	1.67	0.45	0.97	2.62	66.7	29.4	85	5.94	99.5
454627		0.12	1.375	1.16	8.44	115.0	120	5.15	2.85	2.32	2.76	25.2	20.3	59	2.59	62.1
454628		2.04	0.012	0.45	9.12	59.5	200	1.70	0.46	1.07	1.78	71.6	32.9	95	6.23	80.8
454629		2.47	<0.001	0.27	8.39	35.0	190	1.69	0.14	0.90	2.43	53.1	32.8	99	5.92	130.0
454630		2.10	0.001	0.39	5.26	144.0	120	1.29	0.20	1.72	1.13	68.4	9.3	60	3.26	137.5
454631		0.24	0.003	0.01	0.07	<0.2	10	0.07	0.01	31.6	0.02	1.11	0.8	<1	<0.05	1.6
454632		2.41	0.001	0.19	5.95	19.3	230	1.59	0.12	0.20	0.90	73.1	17.2	87	4.03	47.6
454633		2.49	0.002	0.26	6.52	15.2	190	1.36	0.21	2.48	1.19	91.1	21.3	78	4.14	55.6
454634		1.77	0.003	0.36	7.73	9.7	180	1.56	0.30	2.31	1.88	73.3	16.8	84	5.43	102.0
454635		2.31	0.002	0.38	8.00	11.3	190	1.39	0.30	0.46	2.23	43.8	22.5	97	5.36	125.5
454636		0.13	8.72	1.82	7.82	110.0	200	3.79	3.88	1.96	3.87	25.8	18.9	57	2.51	104.0
454637		2.12	0.005	0.33	9.36	2.5	230	1.85	0.24	1.09	2.07	66.5	8.1	119	6.36	85.2
454638		2.23	0.007	0.43	8.03	10.9	180	1.56	0.39	1.06	2.21	62.8	27.7	94	4.89	113.0
454639		2.37	0.014	0.38	7.73	18.7	160	1.71	0.41	2.75	1.33	58.7	28.5	84	4.44	76.5
454640		2.23	0.001	0.42	7.34	27.9	150	1.59	0.38	1.44	1.65	59.9	18.3	93	4.65	93.1

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205855

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454621		17.50	14.05	0.29	1.8	2.59	0.176	1.77	33.3	23.9	0.57	87	43.0	0.35	9.3	207
454622		17.25	13.95	0.24	1.8	2.68	0.171	1.75	35.5	24.3	0.63	98	42.0	0.36	9.3	205
454623		13.70	16.15	0.21	3.2	1.835	0.115	1.96	41.9	23.7	1.10	223	27.7	0.56	19.5	177.5
454624		12.45	19.25	0.21	4.5	1.260	0.117	2.43	34.8	31.0	0.96	184	18.90	0.53	18.7	151.0
454625		12.20	20.7	0.20	4.3	1.245	0.141	2.53	37.9	44.6	0.92	205	16.90	0.45	16.3	143.5
454626		12.30	20.5	0.21	3.6	1.065	0.101	2.53	38.5	47.0	0.93	214	20.9	0.58	12.6	128.0
454627		5.27	27.0	0.25	1.7	0.023	0.111	4.23	12.0	3.0	1.74	447	1.39	3.62	16.7	73.1
454628		11.30	22.8	0.25	4.1	0.700	0.092	2.73	41.7	54.8	1.09	269	17.95	0.72	16.6	99.3
454629		12.70	21.3	0.22	3.4	0.457	0.121	2.95	31.5	35.7	0.85	260	15.90	0.46	9.5	120.0
454630		13.50	16.45	0.21	5.0	0.328	0.092	1.67	36.3	36.8	1.69	947	12.65	0.17	25.9	116.5
454631		0.22	0.30	0.19	<0.1	<0.005	<0.005	0.01	1.2	1.6	2.43	173	0.06	0.03	0.1	0.8
454632		5.44	16.40	0.20	4.0	0.237	0.086	2.37	39.8	23.4	0.47	53	18.90	0.19	29.3	59.0
454633		8.26	20.4	0.24	9.5	0.316	0.105	2.30	46.9	33.7	1.77	856	14.45	0.19	57.0	60.9
454634		11.20	23.0	0.21	5.5	0.423	0.132	2.85	41.0	33.0	1.61	817	14.55	0.26	26.3	101.0
454635		13.30	20.5	0.19	3.6	0.481	0.120	3.00	23.7	30.1	0.72	200	13.90	0.27	9.8	120.0
454636		5.34	24.8	0.23	1.6	0.012	0.158	4.52	13.1	2.5	1.56	412	1.39	3.21	14.7	65.3
454637		8.89	22.6	0.25	4.1	0.439	0.135	3.60	39.6	20.7	0.74	323	14.80	0.56	13.4	85.7
454638		13.20	19.90	0.23	3.3	0.508	0.118	2.73	37.1	39.6	1.03	450	13.70	0.37	8.1	113.0
454639		12.35	20.5	0.10	3.6	0.380	0.093	2.32	33.9	54.6	2.08	989	14.90	0.47	12.7	84.0
454640		12.85	19.45	0.10	3.9	0.402	0.103	2.45	34.4	44.8	1.44	637	14.70	0.21	12.0	92.3

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QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205855

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454621		280	77.0	50.1	0.045	>10.0	27.6	10.1	10	1.3	36.9	0.52	0.69	4.35	0.154	3.90
454622		300	75.3	50.4	0.045	>10.0	28.5	10.3	9	1.4	37.6	0.51	0.71	4.39	0.148	3.82
454623		250	58.5	55.0	0.028	>10.0	19.05	11.2	8	1.7	53.4	1.05	0.59	5.24	0.209	3.72
454624		270	45.1	63.0	0.019	>10.0	12.70	12.0	7	2.4	52.1	1.14	0.59	5.34	0.267	3.98
454625		330	42.4	62.6	0.017	9.99	11.40	16.7	5	2.4	53.6	1.02	0.69	5.19	0.286	3.99
454626		310	40.6	61.8	0.021	>10.0	10.55	16.2	5	2.0	68.9	0.75	0.90	5.48	0.322	3.60
454627		950	152.5	384	0.002	2.79	1.64	5.6	5	1.1	264	1.20	0.51	1.24	0.498	1.41
454628		430	32.9	64.1	0.019	8.16	8.63	19.2	4	2.0	88.8	0.92	0.77	5.59	0.367	3.60
454629		280	11.7	68.8	0.018	7.88	3.13	17.4	4	2.2	53.9	0.50	0.24	4.32	0.290	3.31
454630		860	16.5	41.3	0.009	6.76	3.74	10.8	4	2.1	36.8	1.36	0.32	5.45	0.208	1.85
454631		60	0.9	0.4	<0.002	0.01	0.08	0.2	1	<0.2	77.5	<0.05	<0.05	0.09	0.007	<0.02
454632		400	11.8	63.5	0.019	3.44	3.02	13.9	2	2.3	22.9	1.73	0.17	5.66	0.367	2.81
454633		640	15.1	57.9	0.013	3.93	4.31	15.2	2	3.3	58.8	3.22	0.30	8.69	0.340	2.39
454634		410	19.4	68.5	0.016	5.60	4.52	16.4	3	2.6	70.6	1.39	0.41	5.61	0.300	3.11
454635		340	19.2	65.4	0.014	7.51	4.95	16.7	4	1.9	48.4	0.53	0.41	3.55	0.253	3.15
454636		850	181.5	480	0.002	3.24	1.89	5.0	4	1.2	238	0.87	0.82	1.35	0.454	1.73
454637		240	16.8	85.4	0.015	4.80	3.79	18.5	3	2.3	79.3	0.71	0.32	5.29	0.349	3.61
454638		500	27.3	64.8	0.015	7.14	5.62	16.6	4	1.6	79.7	0.47	0.52	4.48	0.244	2.79
454639		420	30.9	52.3	0.013	7.07	6.73	20.5	2	1.8	107.5	0.67	0.50	4.55	0.249	2.72
454640		530	29.3	61.0	0.014	7.03	6.33	18.8	3	1.9	56.2	0.69	0.47	5.19	0.224	2.77

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205855

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454621		22.6	373	1.2	10.7	1920	78.0
454622		21.8	373	1.2	10.7	1820	73.0
454623		17.8	255	1.1	14.4	1220	132.5
454624		14.2	202	1.1	14.9	1020	166.0
454625		15.0	189	1.3	14.0	1060	163.0
454626		16.4	220	1.5	13.2	641	143.0
454627		0.7	62	0.8	6.8	246	80.0
454628		15.8	223	1.3	13.1	463	162.5
454629		12.1	181	1.0	10.2	592	139.0
454630		7.3	109	0.8	14.9	327	204
454631		0.2	2	<0.1	2.0	5	1.7
454632		11.9	183	1.2	12.0	246	169.0
454633		10.0	158	1.1	20.6	323	361
454634		11.5	156	1.0	14.6	433	215
454635		10.9	169	0.9	9.8	499	143.5
454636		0.9	57	1.2	6.2	307	72.9
454637		13.2	187	1.0	11.1	481	167.5
454638		12.1	162	0.8	10.7	510	136.0
454639		9.9	163	0.9	11.1	329	143.5
454640		9.4	171	0.9	12.9	392	158.0

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CERTIFICATE OF ANALYSIS VO17205855

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205857

Project: KAN

P.O. No.: KANDH17- 033

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

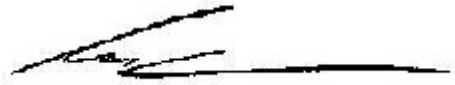
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17205857

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454641		1.60	0.001	0.21	4.61	10.0	160	1.09	0.13	0.21	0.10	48.2	13.7	80	2.86	50.5
454642		<0.02	<0.001	0.24	4.43	9.4	150	1.10	0.15	0.19	0.11	48.3	12.8	99	2.84	54.7
454643		2.57	<0.001	0.02	0.08	41.9	<10	0.12	0.01	2.08	0.02	12.05	2.4	37	<0.05	3.3
454644		2.16	<0.001	0.12	0.09	6.9	<10	0.16	0.02	3.57	0.07	10.80	3.3	31	<0.05	68.4
454645		2.25	<0.001	0.09	0.02	59.3	<10	0.12	0.03	1.19	0.06	5.47	6.6	28	<0.05	19.8
454646		2.59	0.002	0.08	0.08	56.4	<10	0.14	0.03	3.83	0.09	12.70	2.1	42	<0.05	16.6
454647		0.12	1.325	1.07	8.24	109.0	120	3.95	2.82	2.28	2.95	26.9	17.4	64	2.78	59.3
454648		2.40	<0.001	0.11	0.45	11.7	<10	0.11	0.05	3.90	0.10	8.41	1.9	32	<0.05	26.3
454649		1.84	0.003	0.33	9.01	13.5	220	1.48	0.23	0.88	1.99	69.7	16.5	101	6.28	78.0
454650		2.37	0.003	0.36	9.02	16.0	200	1.56	0.22	0.22	2.61	64.6	21.4	104	6.58	103.0
454651		0.29	0.001	<0.01	0.11	0.8	20	0.07	0.01	32.0	<0.02	1.27	0.4	2	0.07	2.4
454652		2.01	0.162	0.34	9.77	14.3	210	1.70	0.24	1.19	2.80	70.0	18.6	112	6.73	89.2
454653		1.89	0.003	0.40	6.81	13.4	160	1.01	0.21	0.61	3.02	50.8	16.0	92	5.32	164.5
454654		2.57	0.004	0.35	8.42	15.0	200	1.46	0.20	0.86	1.90	73.5	15.6	105	6.73	99.8
454655		2.29	0.003	0.29	7.56	9.7	240	1.47	0.17	0.47	2.63	67.9	11.4	111	6.04	73.7
454656		0.13	8.67	1.75	8.11	118.5	200	3.49	3.48	2.03	4.37	28.6	17.6	61	2.82	115.0
454657		1.77	<0.001	0.13	3.10	10.8	140	0.94	0.12	0.18	0.95	64.0	7.8	44	2.73	38.4
454658		2.13	0.008	0.18	1.00	25.7	70	0.45	0.10	0.07	0.91	11.50	6.0	86	0.92	48.6
454659		2.81	0.012	0.47	1.21	5.7	90	0.83	0.41	0.12	7.49	15.80	17.4	54	1.16	156.0
454660		1.42	<0.001	0.08	0.31	16.1	20	0.48	0.04	0.49	0.04	12.05	3.0	30	0.26	18.4

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454641		9.69	12.95	0.09	2.5	0.158	0.048	1.34	25.1	34.9	0.99	158	18.75	0.09	7.8	56.9
454642		9.76	12.65	0.09	2.5	0.165	0.054	1.30	25.1	34.4	0.94	157	21.2	0.09	8.8	60.1
454643		11.75	0.42	0.06	0.1	0.027	0.009	0.01	6.1	1.7	2.46	2160	2.15	<0.01	2.1	11.3
454644		17.35	0.44	<0.05	0.1	0.033	0.018	<0.01	6.0	1.7	3.01	2580	1.75	<0.01	1.2	37.9
454645		15.30	0.18	<0.05	<0.1	0.027	0.012	<0.01	3.3	0.8	2.33	2090	1.68	<0.01	0.3	16.4
454646		18.05	0.45	0.05	0.2	0.035	0.025	<0.01	7.3	2.1	3.78	3230	1.61	<0.01	1.3	10.8
454647		5.17	24.2	0.06	1.7	0.005	0.113	4.06	13.0	2.2	1.69	458	1.34	3.52	14.0	65.1
454648		14.00	1.48	<0.05	0.2	0.062	0.027	0.01	4.8	6.7	3.19	2870	1.88	<0.01	0.6	26.5
454649		11.65	21.2	0.09	3.9	0.466	0.113	2.78	41.4	41.9	1.10	409	17.15	0.60	9.2	79.4
454650		12.45	21.8	0.10	3.7	0.550	0.133	2.76	40.2	29.1	0.37	82	15.95	1.22	6.3	115.5
454651		0.21	0.27	<0.05	<0.1	<0.005	0.007	0.02	1.3	1.2	2.31	169	0.19	0.03	0.1	1.8
454652		10.90	22.8	0.11	3.7	0.549	0.138	2.75	42.4	46.9	1.11	439	19.30	1.00	6.3	85.9
454653		15.50	15.75	0.08	3.1	0.590	0.118	2.17	30.6	23.3	0.52	222	15.00	0.50	5.1	147.0
454654		12.20	20.2	0.10	4.1	0.417	0.147	2.78	42.4	33.1	0.89	369	15.95	0.45	10.5	107.5
454655		9.26	18.90	0.12	4.5	0.538	0.152	2.81	38.2	32.1	0.85	226	18.55	0.20	12.5	82.6
454656		5.54	24.9	0.07	1.7	0.013	0.155	4.62	14.3	2.0	1.59	435	1.44	3.27	13.2	62.5
454657		3.51	10.55	0.08	3.2	0.213	0.062	1.22	34.3	13.5	0.28	68	12.45	0.08	15.1	40.0
454658		4.60	2.95	<0.05	0.6	0.310	0.047	0.42	6.5	5.2	0.09	40	10.95	0.03	3.4	35.5
454659		11.05	4.20	0.06	0.8	1.340	0.221	0.52	8.4	7.2	0.12	50	19.75	0.03	2.2	73.8
454660		17.05	1.18	0.05	0.3	0.042	0.023	0.12	6.9	2.9	2.70	1940	3.86	0.01	1.6	9.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205857

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454641		570	12.6	40.3	0.015	4.53	2.42	10.9	2	1.6	19.9	0.47	0.23	3.78	0.167	1.64
454642		560	13.2	39.8	0.016	4.71	2.61	10.5	2	1.5	19.6	0.50	0.28	4.01	0.171	1.65
454643		260	0.5	0.2	<0.002	0.38	0.31	0.5	<1	<0.2	28.9	0.18	<0.05	0.52	0.015	<0.02
454644		200	2.5	0.2	<0.002	3.16	0.33	0.5	1	<0.2	36.7	0.06	0.13	0.20	0.015	<0.02
454645		200	2.1	0.1	<0.002	2.12	0.35	0.1	1	<0.2	9.9	<0.05	0.09	0.08	<0.005	<0.02
454646		440	2.4	0.2	<0.002	1.89	0.36	0.7	1	<0.2	35.6	0.08	0.13	0.41	0.019	<0.02
454647		960	152.5	367	0.002	2.73	1.64	5.0	4	1.2	260	1.00	0.53	1.36	0.498	1.58
454648		180	4.8	0.3	0.002	1.97	0.59	0.8	1	<0.2	40.5	<0.05	0.11	0.36	0.010	0.02
454649		400	26.4	69.1	0.021	6.18	4.87	15.5	2	1.9	111.5	0.55	0.45	5.79	0.248	3.34
454650		240	23.2	70.5	0.018	7.15	2.95	15.0	3	2.1	114.0	0.38	0.40	5.10	0.248	3.16
454651		70	0.7	0.6	<0.002	<0.01	0.07	0.2	1	<0.2	78.9	<0.05	<0.05	0.07	0.006	0.02
454652		320	29.2	66.7	0.024	5.60	4.20	21.1	2	2.2	143.0	0.40	0.41	5.62	0.274	3.35
454653		240	23.3	52.0	0.014	8.96	2.62	9.6	4	1.5	82.4	0.27	0.39	4.12	0.145	2.60
454654		440	25.2	68.5	0.013	6.74	3.48	14.6	3	2.1	85.6	0.65	0.35	5.83	0.228	3.29
454655		780	18.9	72.9	0.017	4.83	4.24	17.7	2	2.5	40.7	0.67	0.31	4.96	0.300	3.45
454656		890	175.5	480	0.003	3.37	2.01	5.0	3	1.2	247	0.94	0.77	1.48	0.472	2.07
454657		460	13.1	33.8	0.013	2.22	3.42	4.7	1	1.4	15.0	1.01	0.14	4.76	0.122	1.77
454658		90	25.8	11.8	0.010	3.85	3.36	1.6	2	1.0	4.3	0.20	0.44	1.23	0.046	0.83
454659		150	62.0	14.9	0.014	6.58	5.75	2.4	4	3.0	6.0	0.14	1.00	1.49	0.040	0.74
454660		300	3.7	3.4	<0.002	1.70	0.82	0.8	1	0.2	7.7	0.08	0.09	0.41	0.022	0.16

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205857

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454641		10.5	153	1.2	9.1	87	97.4
454642		11.4	153	1.2	9.3	84	100.5
454643		0.7	7	0.1	4.0	17	7.2
454644		1.1	10	0.2	4.3	31	5.1
454645		0.4	3	0.1	2.8	28	1.4
454646		0.3	9	0.5	4.9	48	7.9
454647		0.7	62	0.6	6.7	221	73.1
454648		0.5	16	0.1	4.2	58	6.1
454649		12.0	203	1.1	9.8	457	142.5
454650		12.3	191	0.9	9.2	573	134.5
454651		0.2	2	0.2	2.0	5	2.1
454652		13.4	219	1.1	9.1	638	135.0
454653		9.2	156	0.7	7.5	677	108.0
454654		10.8	188	0.9	10.4	498	154.0
454655		11.9	201	1.4	11.5	681	169.0
454656		0.9	59	0.5	6.4	327	69.5
454657		5.7	104	0.6	8.6	229	122.0
454658		4.4	60	0.5	2.0	245	22.2
454659		7.2	57	0.7	2.7	1460	31.5
454660		1.0	26	0.4	4.1	22	9.8

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Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205857

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205861

Project: KAN

P.O. No.: KANDH17- 034

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

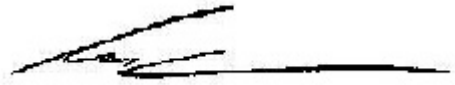
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205861

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454661		2.17	<0.001	0.01	0.03	3.9	<10	0.73	0.02	1.15	<0.02	5.88	1.1	13	<0.05	1.3
454662		<0.02	0.001	0.01	0.03	4.9	<10	0.40	0.02	1.12	0.02	5.87	1.0	22	<0.05	1.2
454663		2.12	<0.001	0.01	0.02	1.8	<10	0.30	0.02	0.77	<0.02	3.61	1.1	15	<0.05	1.5
454664		2.20	<0.001	0.01	0.02	6.4	<10	0.51	0.02	0.90	0.02	5.70	1.0	10	<0.05	0.8
454665		2.04	<0.001	0.02	0.02	12.4	<10	0.23	0.03	1.18	0.02	4.57	1.8	21	<0.05	3.2
454666		2.21	<0.001	0.07	0.03	2.1	<10	0.38	0.02	0.80	<0.02	4.09	1.3	25	<0.05	1.5
454667		0.12	1.340	1.02	7.47	105.5	110	4.70	2.52	2.09	2.76	23.5	17.7	64	2.46	57.8
454668		2.11	<0.001	0.01	0.02	12.4	<10	0.36	0.02	0.41	0.02	6.07	1.3	15	<0.05	1.3
454669		2.12	<0.001	0.02	0.02	17.6	<10	0.45	0.02	0.46	0.02	4.65	1.6	14	<0.05	1.4
454670		2.02	<0.001	0.04	0.02	19.4	<10	0.28	0.02	0.36	<0.02	4.62	1.5	23	<0.05	1.7
454671		0.28	<0.001	0.01	0.24	<0.2	20	0.19	0.02	31.8	0.02	1.33	0.5	2	0.11	2.2
454672		1.78	<0.001	0.03	0.02	11.7	<10	0.27	0.02	1.17	0.02	4.19	1.5	14	<0.05	2.1
454673		2.35	<0.001	0.04	0.02	4.9	<10	0.35	0.02	0.53	<0.02	6.36	1.2	16	<0.05	1.5
454674		2.27	<0.001	0.02	0.02	2.9	<10	0.26	0.02	0.62	<0.02	4.18	1.2	19	<0.05	1.7
454675		1.62	<0.001	0.02	0.03	0.3	<10	0.49	0.02	1.10	0.02	6.11	1.9	12	0.06	2.9
454676		0.14	8.33	1.73	7.41	111.0	190	4.18	3.65	1.83	4.07	26.1	17.6	58	2.55	106.0
454677		2.29	0.001	0.02	0.08	10.4	<10	0.22	0.03	0.81	0.02	6.03	1.2	21	0.05	2.0
454678		2.32	<0.001	0.01	0.03	2.8	<10	0.39	0.02	0.50	0.02	4.79	1.2	17	<0.05	1.4
454679		2.14	<0.001	0.01	0.03	2.3	<10	0.32	0.01	1.04	<0.02	7.78	1.2	32	<0.05	1.2
454680		2.17	<0.001	<0.01	0.05	2.1	<10	0.55	0.02	0.50	<0.02	5.99	1.0	21	0.05	0.9

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205861

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454661		13.85	0.12	<0.05	<0.1	0.012	<0.005	0.01	3.7	0.9	2.40	1860	0.24	<0.01	0.3	2.6
454662		13.55	0.12	<0.05	<0.1	0.006	<0.005	<0.01	3.7	0.9	2.34	1780	0.25	<0.01	0.4	2.8
454663		11.60	0.13	<0.05	<0.1	0.011	<0.005	<0.01	2.3	0.9	1.85	1670	0.28	<0.01	0.3	3.2
454664		14.40	0.12	<0.05	<0.1	0.020	<0.005	<0.01	3.7	0.8	2.35	2010	0.23	<0.01	0.3	5.5
454665		11.95	0.09	<0.05	<0.1	0.039	<0.005	<0.01	2.9	0.7	1.98	1950	0.36	<0.01	0.4	7.5
454666		12.30	0.19	<0.05	<0.1	<0.005	<0.005	<0.01	2.6	1.0	2.06	1920	0.22	<0.01	0.6	4.7
454667		4.94	24.1	0.06	1.6	0.008	0.098	3.82	10.5	2.7	1.59	428	1.38	3.32	14.4	66.1
454668		15.85	0.10	<0.05	<0.1	0.063	<0.005	<0.01	3.9	0.8	2.30	2110	0.27	<0.01	0.3	9.5
454669		16.00	0.10	0.06	<0.1	0.143	<0.005	<0.01	2.8	0.9	2.26	2130	0.40	<0.01	0.5	9.6
454670		12.55	0.15	<0.05	<0.1	0.057	<0.005	<0.01	2.8	0.8	1.78	1760	0.52	<0.01	0.6	11.8
454671		0.21	0.74	<0.05	0.1	<0.005	<0.005	0.07	1.4	2.2	2.02	160	<0.05	0.11	0.3	<0.2
454672		11.65	0.12	<0.05	<0.1	0.043	<0.005	0.01	2.5	0.7	1.83	1740	0.32	<0.01	0.7	6.9
454673		15.35	0.13	0.05	<0.1	0.075	<0.005	0.01	3.9	0.8	2.33	2230	0.32	<0.01	0.5	6.3
454674		13.65	0.10	<0.05	<0.1	0.039	<0.005	0.01	2.5	0.8	2.10	1960	0.27	<0.01	0.4	5.3
454675		15.15	0.17	<0.05	0.1	0.012	<0.005	0.02	3.6	1.3	2.42	2410	0.29	<0.01	1.1	5.1
454676		5.23	25.5	0.08	1.5	0.015	0.166	4.38	12.4	2.5	1.51	407	1.60	3.11	13.4	64.1
454677		11.15	0.39	<0.05	<0.1	0.034	<0.005	0.02	4.0	1.8	1.75	1740	0.34	<0.01	0.6	5.3
454678		14.75	0.13	<0.05	<0.1	0.121	<0.005	0.01	2.8	0.9	2.19	2070	0.24	<0.01	0.6	7.0
454679		14.15	0.15	0.05	<0.1	0.012	<0.005	0.01	4.6	0.9	2.34	2200	0.37	<0.01	0.4	5.0
454680		15.30	0.14	<0.05	<0.1	0.023	<0.005	0.02	3.8	1.2	2.30	2010	0.26	<0.01	0.3	6.0

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205861

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454661		170	<0.5	0.2	<0.002	0.17	0.13	0.1	<1	<0.2	12.9	<0.05	<0.05	0.08	<0.005	<0.02
454662		180	<0.5	0.1	<0.002	0.17	0.14	0.1	<1	<0.2	12.5	<0.05	<0.05	0.07	<0.005	<0.02
454663		110	<0.5	0.2	<0.002	0.22	0.12	0.1	<1	<0.2	9.0	<0.05	<0.05	0.04	<0.005	<0.02
454664		180	<0.5	0.1	<0.002	0.14	0.15	0.1	<1	<0.2	13.1	<0.05	<0.05	0.04	<0.005	<0.02
454665		120	1.1	0.1	<0.002	0.42	0.22	0.2	1	<0.2	17.0	<0.05	<0.05	0.07	<0.005	<0.02
454666		100	0.7	0.2	<0.002	0.22	0.15	0.2	<1	<0.2	11.1	<0.05	<0.05	0.07	0.005	<0.02
454667		910	148.0	331	<0.002	2.65	1.52	5.1	4	1.1	249	1.06	0.52	1.26	0.472	1.45
454668		310	0.7	0.3	<0.002	0.21	0.20	0.1	<1	<0.2	6.8	<0.05	<0.05	0.06	<0.005	<0.02
454669		310	0.9	0.1	<0.002	0.27	0.21	0.1	1	<0.2	8.2	<0.05	<0.05	0.08	0.007	<0.02
454670		220	0.9	0.2	<0.002	0.35	0.22	0.1	<1	<0.2	6.2	<0.05	<0.05	0.12	0.009	<0.02
454671		60	0.6	2.0	<0.002	<0.01	0.08	0.2	1	<0.2	77.5	<0.05	<0.05	0.15	0.005	0.04
454672		180	1.0	0.3	<0.002	0.31	0.16	0.1	<1	<0.2	21.3	<0.05	<0.05	0.09	0.007	<0.02
454673		220	0.6	0.4	<0.002	0.17	0.17	0.1	1	<0.2	8.6	<0.05	<0.05	0.08	0.007	<0.02
454674		210	0.5	0.3	<0.002	0.18	0.11	0.1	<1	<0.2	10.4	<0.05	<0.05	0.06	0.005	<0.02
454675		120	0.6	0.8	<0.002	0.31	0.11	0.3	<1	<0.2	20.0	<0.05	<0.05	0.11	0.011	0.03
454676		830	173.0	470	0.005	3.19	2.00	5.0	3	1.2	234	0.86	0.86	1.43	0.442	2.03
454677		190	0.7	1.2	<0.002	0.19	0.15	0.2	<1	<0.2	17.6	<0.05	<0.05	0.13	0.009	0.03
454678		250	<0.5	0.4	<0.002	0.13	0.14	0.1	<1	<0.2	9.5	<0.05	<0.05	0.08	0.007	<0.02
454679		140	<0.5	0.5	<0.002	0.14	0.14	0.1	1	<0.2	14.5	<0.05	<0.05	0.11	<0.005	0.02
454680		310	<0.5	0.6	<0.002	0.08	0.15	0.1	<1	<0.2	8.4	<0.05	<0.05	0.04	<0.005	0.03

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205861

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454661		0.3	4	0.1	4.4	6	1.4
454662		0.3	4	0.2	4.3	5	1.3
454663		0.8	4	0.2	3.1	4	1.5
454664		0.3	4	0.2	4.5	5	1.4
454665		0.7	5	0.2	3.6	4	2.1
454666		0.7	6	0.2	3.3	4	2.3
454667		0.7	59	0.6	6.4	228	73.3
454668		0.1	5	0.3	4.0	5	1.0
454669		0.2	5	0.2	3.8	5	1.3
454670		0.3	5	0.3	3.1	4	1.6
454671		0.2	1	<0.1	2.8	6	2.7
454672		0.6	4	0.3	3.5	4	1.5
454673		0.3	5	0.4	3.8	5	1.5
454674		0.5	4	0.3	3.4	4	1.3
454675		1.1	7	0.3	4.8	5	3.4
454676		0.9	56	0.5	6.4	306	69.9
454677		0.4	6	0.2	3.4	6	2.3
454678		0.2	5	0.2	3.5	7	1.5
454679		0.4	6	0.2	4.3	5	1.6
454680		0.1	4	0.2	4.2	5	0.9

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Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205861

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205869

Project: KAN

P.O. No.: KANDH17- 036

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

CHARLES GAUMOND LEE SCHOLL	SIMON HEBERT JAMIE TODD	SIMON HOULE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

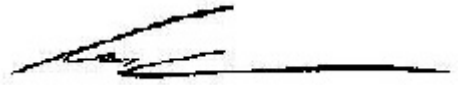
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205869

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454701		2.40	<0.001	0.14	3.30	22.7	150	1.51	0.14	1.51	0.86	62.9	16.0	185	2.24	63.8
454702		<0.02	0.001	0.15	3.21	25.1	150	1.65	0.16	1.61	0.85	60.4	16.3	171	2.20	64.7
454703		3.36	0.007	0.20	6.21	0.8	100	0.18	0.01	7.45	0.27	6.27	63.7	4	3.76	405
454704		4.46	<0.001	0.02	6.25	0.7	40	0.33	0.01	6.78	0.10	9.50	57.6	2	1.56	31.5
454705		2.63	<0.001	0.02	6.04	0.6	60	0.42	0.01	5.79	0.11	11.50	57.0	1	2.47	10.4
454706		2.30	<0.001	0.03	4.88	0.5	80	0.42	0.01	7.14	0.11	14.55	39.9	4	4.33	7.7
454707		0.12	1.330	1.11	8.10	105.5	120	4.02	2.82	2.28	2.76	26.0	17.0	64	2.77	56.7
454708		2.06	<0.001	0.08	5.76	0.4	90	0.69	0.01	3.55	0.08	30.1	28.5	2	5.92	31.2
454709		2.55	<0.001	0.01	5.67	<0.2	150	1.19	<0.01	2.70	0.09	43.1	14.7	1	12.85	0.6
454710		2.50	<0.001	0.01	5.60	0.4	160	1.25	<0.01	2.31	0.11	52.2	13.0	2	11.10	6.3
454711		0.31	0.002	<0.01	0.08	0.2	20	0.05	<0.01	32.6	0.02	1.19	0.5	1	0.06	1.2
454712		1.66	<0.001	0.01	8.04	0.2	720	1.99	<0.01	0.60	0.03	62.0	8.9	68	2.95	8.7
454713		2.22	<0.001	0.03	7.54	0.2	930	1.75	0.01	0.39	0.05	64.9	9.3	67	5.64	23.3
454714		2.14	<0.001	0.02	7.24	0.5	820	1.67	0.01	0.55	0.09	56.6	11.0	64	6.01	15.1
454715		2.03	<0.001	<0.01	8.08	0.3	710	1.85	0.01	0.35	0.03	63.1	9.9	83	8.66	4.1
454716		0.13	8.40	1.68	7.97	113.0	200	3.95	3.33	2.00	4.08	27.4	17.4	61	2.76	107.5
454717		1.91	<0.001	0.01	8.76	0.3	600	1.53	0.02	0.09	0.07	67.0	10.9	84	6.00	7.7
454718		1.99	<0.001	0.08	9.17	0.5	470	1.94	0.13	0.05	0.11	67.7	11.2	86	2.45	21.6
454719		2.49	<0.001	0.09	8.15	0.6	430	2.22	0.11	0.23	0.40	64.9	9.9	78	2.99	18.3
454720		1.98	<0.001	0.06	8.18	<0.2	390	2.14	0.17	0.20	0.10	52.9	11.5	81	4.80	36.2

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205869

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454701		7.40	10.55	0.10	2.6	0.332	0.083	1.33	33.2	19.8	0.95	668	18.00	0.06	10.6	88.7
454702		7.49	10.55	0.09	2.5	0.300	0.081	1.30	32.4	21.1	0.98	707	18.65	0.06	11.5	86.0
454703		13.00	17.55	0.05	0.7	0.013	0.072	0.73	2.3	13.9	3.81	1570	0.29	1.21	1.8	50.1
454704		12.90	18.40	<0.05	1.2	<0.005	0.087	0.39	3.6	11.4	3.31	1760	0.28	1.93	2.7	7.3
454705		12.85	18.25	0.05	1.3	<0.005	0.094	0.49	4.4	13.7	3.07	1790	0.28	1.73	3.3	0.7
454706		11.85	16.40	0.06	1.1	<0.005	0.110	0.64	5.5	15.8	2.37	2120	0.67	1.17	4.8	0.5
454707		5.20	23.7	0.08	1.7	0.005	0.100	4.02	12.4	2.2	1.67	453	1.33	3.46	13.9	62.8
454708		11.60	21.0	0.09	3.3	<0.005	0.149	0.83	11.2	16.9	2.13	1820	0.43	1.94	9.1	0.8
454709		10.45	22.6	0.10	6.1	0.006	0.166	1.92	16.5	26.6	1.80	1620	0.70	2.17	12.6	0.6
454710		9.85	22.6	0.09	7.5	0.005	0.163	1.81	20.3	24.2	1.31	1410	0.92	2.23	13.7	0.6
454711		0.22	0.27	<0.05	0.1	0.009	0.006	0.01	1.3	0.9	2.79	176	0.07	0.04	0.1	0.9
454712		5.00	19.30	0.07	3.8	<0.005	0.038	2.87	33.9	22.4	1.33	730	0.67	1.88	7.7	22.2
454713		3.62	18.65	0.07	5.1	<0.005	0.025	4.17	35.6	25.1	1.43	449	1.74	0.96	7.1	28.2
454714		4.32	16.80	0.09	4.1	<0.005	0.019	3.98	31.1	31.3	1.46	650	1.49	0.71	6.2	30.6
454715		5.96	19.65	0.10	2.1	<0.005	0.037	4.57	35.2	40.4	1.91	793	0.38	0.30	6.6	29.0
454716		5.39	24.9	0.08	1.6	0.016	0.156	4.39	13.1	2.3	1.55	430	1.39	3.22	13.4	61.6
454717		6.12	22.6	0.10	2.3	<0.005	0.008	4.57	37.6	36.1	1.53	504	0.57	0.23	7.2	31.6
454718		4.60	23.6	0.11	2.4	<0.005	0.039	4.57	35.9	35.5	1.23	351	1.35	0.06	7.4	33.1
454719		3.81	23.6	0.10	3.1	<0.005	0.050	4.27	34.1	34.5	1.08	526	0.84	0.06	8.0	29.1
454720		5.38	21.3	0.10	2.4	<0.005	0.054	4.39	27.7	27.8	1.13	617	1.59	0.05	7.2	34.7

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205869

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454701		750	12.4	34.1	0.008	3.71	2.60	7.9	2	1.7	32.5	0.67	0.35	4.32	0.194	1.40
454702		720	12.3	34.1	0.011	3.72	2.66	8.2	3	1.8	34.9	0.76	0.41	4.17	0.202	1.29
454703		230	3.0	24.7	<0.002	0.17	0.41	47.9	1	0.6	92.8	0.12	<0.05	0.26	1.060	0.17
454704		340	3.0	10.1	0.004	0.18	0.37	48.9	1	0.7	88.9	0.20	<0.05	0.40	1.340	0.07
454705		380	3.3	14.8	0.009	0.22	0.33	50.3	1	0.6	91.6	0.23	<0.05	0.57	1.495	0.11
454706		470	3.4	22.4	0.003	0.15	0.19	44.8	1	0.7	110.0	0.35	<0.05	0.67	2.22	0.13
454707		980	170.0	365	0.002	2.73	1.70	5.0	4	1.2	257	1.03	0.53	1.40	0.497	1.48
454708		1170	6.7	30.7	0.002	0.60	0.14	44.1	1	1.2	119.5	0.62	<0.05	1.44	1.645	0.21
454709		1630	2.6	77.0	<0.002	0.01	0.09	29.4	<1	1.5	94.5	0.87	<0.05	2.09	1.075	0.44
454710		1770	5.2	77.7	<0.002	0.06	0.10	21.9	<1	1.5	77.9	0.91	<0.05	2.87	0.751	0.44
454711		80	<0.5	0.5	<0.002	<0.01	0.08	0.2	1	<0.2	75.8	<0.05	<0.05	0.08	0.008	<0.02
454712		460	3.4	68.7	<0.002	0.06	0.07	10.5	<1	0.7	34.1	0.64	<0.05	10.85	0.336	0.25
454713		350	12.7	112.0	0.004	0.05	0.10	9.0	<1	0.6	16.3	0.57	<0.05	12.95	0.294	0.49
454714		1150	4.1	114.5	0.002	0.06	0.10	8.2	1	0.7	18.7	0.49	<0.05	11.15	0.249	0.56
454715		790	2.8	147.0	<0.002	0.03	0.15	10.6	<1	0.5	17.3	0.56	<0.05	12.05	0.266	0.63
454716		890	191.0	450	<0.002	3.28	1.93	5.1	3	1.2	243	0.88	0.84	1.48	0.464	1.92
454717		380	6.4	144.0	<0.002	0.08	0.11	11.4	<1	0.5	12.7	0.59	<0.05	12.95	0.285	0.57
454718		170	7.8	139.0	<0.002	0.31	0.12	11.5	1	1.3	12.8	0.59	<0.05	12.95	0.294	0.47
454719		190	7.9	148.5	<0.002	0.10	0.11	12.2	1	1.5	18.1	0.65	<0.05	13.10	0.303	0.52
454720		210	7.0	160.5	0.002	0.14	0.11	10.3	1	1.5	17.6	0.64	0.07	10.65	0.256	0.63

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Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205869

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454701		5.8	175	1.1	8.3	272	102.5
454702		5.8	173	1.3	8.3	266	102.5
454703		0.1	1380	0.1	13.8	92	19.1
454704		0.1	1050	0.2	19.1	90	33.6
454705		0.2	696	0.2	22.1	92	41.5
454706		0.2	282	0.2	26.2	90	36.7
454707		0.7	62	0.6	6.5	239	73.3
454708		0.4	62	0.2	43.7	98	126.5
454709		0.5	7	0.2	28.0	116	210
454710		0.7	2	0.2	32.4	127	264
454711		0.1	1	<0.1	2.2	4	2.2
454712		2.0	80	0.7	11.6	62	131.0
454713		3.3	101	0.7	9.0	54	179.5
454714		2.8	82	0.7	9.0	59	139.5
454715		1.9	77	1.0	8.3	49	67.8
454716		0.9	57	0.5	6.4	314	70.0
454717		2.1	76	1.1	6.9	49	71.6
454718		1.9	75	1.2	5.2	69	79.0
454719		1.9	62	1.4	6.0	105	112.5
454720		1.5	65	1.4	5.1	85	79.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205869

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205906

Project: KAN

P.O. No.: KANDH17- 039

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

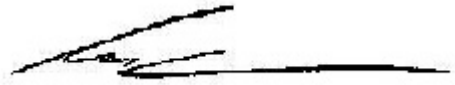
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205906

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454761		2.37	<0.001	0.03	0.39	0.7	10	0.54	0.03	3.55	0.03	9.31	5.6	20	0.08	6.7
454762		<0.02	<0.001	0.02	0.38	0.7	10	0.56	0.03	3.34	0.03	8.71	5.1	19	0.07	6.3
454763		1.94	<0.001	0.03	0.16	0.4	<10	0.30	0.02	4.36	0.03	5.89	3.4	10	<0.05	3.1
454764		2.16	0.005	0.35	0.28	1.1	<10	0.24	0.04	2.77	0.07	6.03	42.4	16	0.05	34.3
454765		1.33	0.004	0.19	0.67	0.7	<10	0.17	0.06	12.00	0.23	8.62	15.1	19	0.06	22.5
454766		2.11	0.002	0.17	0.33	0.4	10	0.20	0.04	12.45	0.28	5.52	1.8	10	0.10	13.5
454767		0.11	1.295	1.03	7.39	102.0	120	5.11	2.74	2.12	2.59	22.7	18.3	63	2.46	64.4
454768		1.89	0.004	0.11	0.38	<0.2	<10	0.19	0.05	11.90	0.34	7.22	3.3	13	0.05	12.1
454769		2.04	0.001	0.03	0.26	0.3	10	0.33	0.02	12.35	0.10	5.49	3.5	9	0.18	2.0
454770		2.18	<0.001	0.05	0.57	<0.2	10	0.26	0.04	7.68	0.16	9.34	5.5	16	<0.05	5.6
454771		0.24	0.001	<0.01	0.05	<0.2	10	0.05	0.02	31.8	0.02	0.93	0.4	1	<0.05	0.9
454772		2.42	0.002	0.17	0.17	0.3	<10	0.12	0.05	9.08	0.26	6.59	2.9	11	<0.05	11.4
454773		2.08	<0.001	0.20	0.26	<0.2	<10	0.09	0.05	3.04	0.10	2.60	4.3	17	0.08	21.9
454774		1.94	<0.001	0.10	0.22	0.4	<10	0.12	0.08	10.65	0.23	6.22	2.3	11	<0.05	8.7
454775		2.46	0.003	0.18	0.42	1.7	<10	0.14	0.10	9.91	0.20	11.05	4.2	12	0.05	15.1
454776		0.14	8.54	1.68	7.93	112.0	200	4.13	3.41	1.95	4.65	27.5	18.8	57	2.62	114.0
454777		2.69	0.006	0.20	0.54	0.7	<10	0.41	0.08	9.66	0.18	11.10	10.4	15	<0.05	15.5
454778		2.00	<0.001	0.04	0.40	0.8	<10	0.13	0.03	11.65	0.16	9.84	3.7	11	<0.05	5.3
454779		3.73	0.001	0.05	0.43	0.5	<10	0.16	0.04	7.23	0.13	10.75	6.4	15	<0.05	6.5
454780		2.26	<0.001	0.03	0.30	<0.2	<10	0.27	0.02	9.54	0.12	8.33	3.6	11	<0.05	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205906

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454761		13.10	1.34	<0.05	0.3	<0.005	0.005	0.06	5.0	2.9	2.47	10500	0.49	0.01	2.0	8.5
454762		12.55	1.32	<0.05	0.3	<0.005	0.007	0.06	4.6	2.9	2.33	10150	0.47	0.01	2.0	7.9
454763		12.20	0.78	<0.05	0.1	<0.005	<0.005	0.02	3.2	1.8	2.85	8640	0.41	<0.01	1.2	5.0
454764		14.35	1.26	<0.05	0.2	<0.005	0.006	0.05	3.3	2.1	2.09	7380	0.39	<0.01	1.1	10.5
454765		11.95	2.71	<0.05	0.4	0.012	0.009	0.04	4.8	7.7	5.66	6960	1.18	0.01	1.0	15.0
454766		9.08	1.53	<0.05	0.2	<0.005	0.020	0.11	2.8	2.9	5.20	7530	0.59	0.01	0.4	6.1
454767		4.96	24.9	0.08	1.6	0.013	0.095	3.94	10.1	2.7	1.65	452	1.45	3.41	14.7	69.3
454768		10.35	1.77	<0.05	0.3	<0.005	0.015	0.04	3.8	4.0	5.21	9070	0.57	0.01	0.7	8.9
454769		9.36	1.25	<0.05	0.2	<0.005	0.006	0.07	3.1	2.8	5.63	8140	0.44	<0.01	1.2	4.9
454770		13.50	2.55	<0.05	0.4	<0.005	0.013	0.05	5.2	5.4	4.48	11100	1.03	<0.01	2.4	8.3
454771		0.21	0.19	<0.05	<0.1	<0.005	0.005	0.01	1.1	1.0	2.08	190	0.05	0.03	0.1	<0.2
454772		9.78	0.86	<0.05	0.2	<0.005	0.012	0.02	3.5	2.0	4.32	8260	0.60	<0.01	0.5	5.2
454773		6.88	1.24	<0.05	0.1	<0.005	0.006	0.09	1.3	1.3	1.43	2970	0.14	0.01	0.4	6.8
454774		9.04	1.06	<0.05	0.2	0.007	0.008	0.02	3.4	2.5	5.26	6550	0.24	0.01	0.4	3.3
454775		12.35	2.02	0.05	0.3	<0.005	0.017	0.03	6.0	3.6	5.86	7880	1.09	0.01	1.2	9.5
454776		5.38	26.8	0.08	1.6	0.013	0.168	4.49	13.0	2.4	1.53	427	1.52	3.20	13.6	68.2
454777		13.90	2.49	<0.05	0.4	<0.005	0.017	0.02	6.0	5.1	5.91	7970	0.72	0.01	1.3	7.7
454778		11.30	1.98	<0.05	0.3	<0.005	0.010	0.01	5.2	4.8	6.07	6170	0.33	0.01	1.0	5.1
454779		14.80	2.30	0.06	0.3	<0.005	0.009	0.02	5.9	3.4	4.82	10650	0.72	<0.01	1.6	7.3
454780		11.05	1.69	<0.05	0.2	<0.005	0.005	0.04	4.9	2.6	4.76	10350	0.91	<0.01	1.5	6.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205906

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454761		420	1.2	2.4	<0.002	0.18	0.06	1.1	<1	0.2	22.6	0.11	<0.05	0.44	0.033	0.06
454762		430	1.1	2.4	<0.002	0.17	0.06	1.0	<1	0.2	20.2	0.11	<0.05	0.41	0.032	0.06
454763		280	0.9	0.9	<0.002	0.05	0.06	0.5	<1	<0.2	30.8	0.07	<0.05	0.23	0.020	0.02
454764		280	1.2	1.6	<0.002	2.63	0.06	0.8	1	<0.2	34.0	0.07	0.12	0.29	0.019	0.06
454765		400	4.2	1.3	<0.002	2.39	0.07	3.8	1	<0.2	212	0.06	0.07	0.45	0.026	0.04
454766		340	3.7	3.7	<0.002	1.35	0.06	1.5	1	<0.2	228	<0.05	0.08	0.23	0.011	0.07
454767		950	150.5	346	0.003	2.67	1.51	5.0	4	1.2	248	1.13	0.59	1.27	0.483	1.44
454768		370	4.3	1.6	<0.002	1.28	0.05	1.7	1	<0.2	241	<0.05	0.05	0.38	0.015	0.04
454769		300	4.7	3.3	<0.002	0.05	0.05	0.8	1	<0.2	90.0	0.06	<0.05	0.23	0.021	0.09
454770		360	2.6	2.2	<0.002	0.29	0.06	1.8	1	0.2	105.0	0.16	<0.05	0.63	0.052	0.06
454771		70	<0.5	0.2	<0.002	<0.01	0.06	0.1	<1	<0.2	74.1	<0.05	<0.05	0.06	<0.005	<0.02
454772		360	3.2	0.6	<0.002	1.33	0.07	1.2	1	<0.2	176.0	<0.05	0.10	0.31	0.011	0.02
454773		270	1.8	2.7	<0.002	2.25	0.06	0.8	1	<0.2	59.5	<0.05	0.09	0.10	0.007	0.09
454774		290	3.3	0.8	<0.002	0.93	0.08	0.8	<1	<0.2	174.5	<0.05	<0.05	0.28	0.009	0.03
454775		490	5.7	0.9	0.003	1.13	0.08	1.5	1	0.2	166.5	0.08	0.08	0.62	0.023	0.04
454776		860	174.5	460	0.003	3.25	2.26	5.3	3	1.3	246	0.87	0.77	1.58	0.451	2.12
454777		510	3.5	0.8	<0.002	1.77	0.09	1.8	<1	<0.2	140.0	0.09	0.11	0.67	0.026	0.02
454778		370	2.7	0.5	<0.002	0.45	0.06	1.0	<1	<0.2	170.0	0.07	<0.05	0.51	0.019	0.02
454779		550	2.4	0.6	<0.002	0.45	0.05	1.5	1	<0.2	91.1	0.10	0.05	0.55	0.032	0.02
454780		400	2.1	1.8	<0.002	0.05	0.05	1.0	<1	<0.2	79.6	0.08	<0.05	0.39	0.029	0.05

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205906

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454761		0.4	20	0.3	4.5	13	12.1
454762		0.4	20	0.3	4.3	12	11.7
454763		0.1	14	0.3	3.5	8	7.2
454764		0.2	18	1.0	2.7	23	8.2
454765		0.2	38	0.2	4.5	48	15.4
454766		0.2	21	0.2	5.5	31	9.5
454767		0.6	62	0.6	6.3	222	74.4
454768		0.3	22	0.1	5.5	40	12.2
454769		0.1	21	0.2	4.8	19	8.1
454770		0.4	45	0.2	4.8	48	18.6
454771		0.1	1	<0.1	2.0	4	1.4
454772		0.2	12	0.1	4.1	40	7.9
454773		0.1	18	0.1	2.4	17	3.0
454774		0.2	16	0.1	4.3	35	9.7
454775		0.3	27	0.2	5.5	56	15.4
454776		1.0	57	0.5	6.4	333	71.7
454777		0.4	35	0.3	4.7	59	16.0
454778		0.2	28	0.2	4.7	43	13.1
454779		0.3	30	0.2	5.3	46	14.9
454780		0.2	24	0.2	5.0	25	11.6

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205906

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17205911

Projet: KAN

Bon de commande #: KANDH17- 040

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 22- SEPT- 2017.

Les résultats sont transmis à:

SIMON HEBERT PASCAL SIMARD	SIMON HOULE JAMIE TODD	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

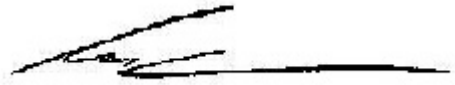
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205911

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
454781		1.55	0.003	0.02	0.52	0.2	10	0.31	0.02	7.97	0.13	11.25	3.9	13	0.07	2.8
454782		<0.02	0.002	0.03	0.62	0.3	10	0.37	0.02	8.52	0.14	12.95	4.3	15	0.09	2.9
454783		1.40	0.001	0.04	0.64	0.6	20	0.37	0.02	4.56	0.10	11.40	5.2	15	0.10	4.1
454784		2.39	0.002	0.04	0.63	0.3	20	0.48	0.03	1.19	0.04	14.10	8.9	20	0.12	7.5
454785		2.18	<0.001	0.02	0.54	0.2	20	0.47	0.02	1.23	0.04	11.70	6.2	17	0.08	3.8
454786		2.42	0.002	0.02	0.55	0.4	20	0.51	0.02	1.89	0.03	10.95	7.9	15	0.07	5.6
454787		0.11	1.315	1.06	7.87	111.0	120	4.38	2.76	2.20	2.62	25.0	19.6	64	2.63	60.3
454788		2.26	0.026	0.02	0.65	1.4	20	0.71	0.02	1.42	0.03	11.05	8.7	17	0.13	7.2
454789		2.33	<0.001	0.02	0.84	1.7	20	0.52	0.03	3.37	0.05	14.25	9.4	20	0.11	10.2
454790		2.48	0.001	0.04	1.37	0.7	20	0.59	0.05	1.07	0.04	17.00	11.2	24	0.10	14.6
454791		0.26	0.001	<0.01	0.06	<0.2	10	0.06	0.01	33.7	0.02	1.05	0.5	1	<0.05	0.8
454792		2.69	0.002	0.04	1.41	1.4	40	0.91	0.06	1.03	0.05	16.30	11.6	28	0.17	13.9
454793		2.11	<0.001	0.01	0.37	3.7	20	0.43	0.04	3.52	0.07	7.32	7.9	15	0.06	4.4
454794		2.37	0.006	0.08	0.75	2.6	30	0.84	0.04	2.38	0.06	10.85	9.4	19	0.14	10.8
454795		2.31	<0.001	0.06	0.91	2.2	30	0.78	0.04	1.81	0.05	13.45	10.0	21	0.08	8.8
454796		0.12	8.52	1.61	7.86	110.5	200	3.62	3.55	1.94	4.42	26.0	18.4	57	2.65	113.5
454797		2.09	0.002	0.21	0.88	0.6	20	0.64	0.05	1.75	0.06	12.50	10.4	21	0.05	15.6
454798		3.00	<0.001	0.02	0.60	0.6	20	0.59	0.03	2.03	0.04	9.50	8.8	18	0.08	9.8
454799		1.53	<0.001	0.04	0.46	<0.2	10	0.69	0.05	1.29	0.04	9.45	9.6	15	0.07	16.7
454800		1.95	<0.001	0.06	0.50	0.2	<10	0.63	0.02	1.40	0.03	11.55	8.3	16	<0.05	7.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205911

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
454781		12.90	2.24	<0.05	0.4	0.017	0.015	0.10	6.0	2.4	4.60	11500	0.72	0.03	2.2	6.9
454782		13.90	2.63	<0.05	0.5	0.015	0.018	0.13	6.7	2.7	4.95	12250	0.74	0.04	2.5	7.4
454783		16.15	2.87	0.05	0.5	0.016	0.019	0.20	5.9	2.0	3.74	15400	0.35	0.01	3.6	8.3
454784		19.35	3.08	0.06	0.6	0.040	0.014	0.18	7.1	2.2	3.05	14450	0.66	0.01	4.8	12.1
454785		15.95	2.55	<0.05	0.4	0.008	0.010	0.14	5.8	2.2	2.60	11950	0.42	0.01	3.1	7.9
454786		19.95	2.65	0.05	0.4	0.016	0.012	0.13	5.5	2.2	3.35	13800	0.36	<0.01	3.2	9.6
454787		5.24	25.9	0.07	1.8	0.011	0.098	4.11	12.0	2.2	1.73	479	1.41	3.52	15.7	70.4
454788		18.40	3.07	0.05	0.4	0.008	0.014	0.24	5.6	1.9	2.86	15800	0.39	0.01	3.0	12.7
454789		17.25	3.79	0.05	0.5	0.008	0.012	0.23	7.2	2.8	3.20	15900	0.54	0.01	4.1	13.4
454790		21.3	5.76	0.06	0.6	0.012	0.021	0.20	8.6	5.2	3.13	16750	0.60	0.01	4.2	17.1
454791		0.26	0.14	<0.05	<0.1	0.013	<0.005	0.01	1.2	0.8	2.83	261	<0.05	0.03	0.1	0.4
454792		20.3	5.25	0.09	0.7	0.011	0.028	0.38	8.1	4.5	2.89	17750	0.71	0.01	5.0	16.7
454793		12.45	1.53	0.08	0.3	0.007	0.012	0.13	3.7	1.2	2.27	13050	0.41	<0.01	2.5	8.0
454794		16.50	3.13	0.09	0.5	0.009	0.018	0.30	5.5	1.9	2.66	16000	0.39	0.01	4.2	10.9
454795		18.45	3.11	0.07	0.6	0.012	0.020	0.16	6.7	3.7	2.81	16900	0.63	0.01	4.8	12.2
454796		5.50	25.1	0.14	1.6	0.017	0.191	4.64	12.7	2.1	1.58	435	1.43	3.28	14.3	65.5
454797		22.2	3.22	0.09	0.5	0.012	0.020	0.08	6.5	3.7	3.50	18050	0.36	0.01	4.4	15.0
454798		17.40	2.31	0.08	0.4	0.009	0.016	0.09	5.0	2.3	2.85	13800	0.31	<0.01	3.1	11.3
454799		18.55	2.02	0.08	0.3	0.009	0.012	0.05	4.9	2.0	2.80	14650	0.31	<0.01	2.4	9.4
454800		20.2	2.44	0.05	0.3	0.010	0.013	0.02	5.8	2.4	3.06	14800	0.41	<0.01	2.4	9.2

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Finalisée date: 11- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205911

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
454781		420	2.4	3.6	<0.002	0.13	0.05	1.6	<1	<0.2	90.7	0.15	<0.05	0.53	0.050	0.09
454782		420	2.8	4.7	<0.002	0.15	<0.05	1.8	<1	<0.2	97.3	0.17	<0.05	0.69	0.057	0.12
454783		490	1.5	7.3	<0.002	0.19	0.05	1.9	1	0.2	47.7	0.25	<0.05	0.64	0.090	0.16
454784		570	1.0	5.8	<0.002	0.54	0.07	1.9	1	0.3	13.3	0.30	<0.05	0.75	0.106	0.11
454785		610	1.7	4.1	<0.002	0.10	<0.05	1.6	1	0.2	13.1	0.18	<0.05	0.59	0.063	0.06
454786		510	1.0	4.3	<0.002	0.16	0.08	1.7	1	0.2	16.7	0.18	<0.05	0.48	0.070	0.08
454787		990	164.5	383	<0.002	2.75	1.62	5.2	5	1.1	263	1.10	0.53	1.24	0.494	1.41
454788		440	1.1	6.5	<0.002	0.12	0.06	2.2	1	0.2	11.4	0.19	<0.05	0.55	0.071	0.11
454789		470	1.4	6.0	<0.002	0.14	0.06	2.2	1	0.3	25.6	0.26	<0.05	0.83	0.082	0.11
454790		470	1.2	5.0	<0.002	0.25	0.08	3.3	1	0.3	9.9	0.26	<0.05	1.37	0.096	0.08
454791		80	<0.5	0.2	<0.002	<0.01	0.06	0.2	<1	<0.2	81.0	<0.05	<0.05	0.06	0.005	<0.02
454792		540	1.7	8.9	0.003	0.20	0.18	3.7	1	0.5	9.1	0.30	0.08	1.35	0.102	0.15
454793		240	1.2	3.1	0.002	0.04	0.12	1.2	<1	0.3	22.9	0.13	<0.05	0.37	0.040	0.04
454794		450	1.3	7.0	0.002	0.12	0.12	2.3	<1	0.4	17.2	0.24	0.05	0.73	0.079	0.11
454795		410	1.3	3.9	0.002	0.13	0.11	2.5	<1	0.3	14.2	0.27	0.05	1.00	0.080	0.06
454796		880	192.5	480	0.006	3.32	2.07	4.9	4	1.3	240	0.91	0.86	1.66	0.458	1.92
454797		560	1.4	2.6	0.002	0.16	0.10	3.0	1	0.6	12.8	0.25	0.06	0.76	0.095	0.04
454798		430	1.0	2.8	0.002	0.14	0.08	1.9	1	0.4	13.8	0.19	0.07	0.59	0.073	0.07
454799		510	0.8	1.8	<0.002	0.16	0.08	1.5	<1	0.3	9.5	0.13	0.05	0.41	0.050	0.04
454800		570	1.1	0.9	<0.002	0.13	0.05	1.5	<1	0.2	11.3	0.13	<0.05	0.51	0.054	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: KAN

CERTIFICAT D'ANALYSE VO17205911

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
454781		0.3	45	0.2	5.0	46	16.3
454782		0.4	51	0.3	5.5	51	21.0
454783		0.3	64	0.3	4.5	45	22.0
454784		0.4	65	0.5	4.2	33	26.7
454785		0.3	47	0.4	4.2	22	17.1
454786		0.3	49	0.3	3.7	19	16.9
454787		0.6	62	0.6	6.5	245	76.2
454788		0.4	57	0.4	3.6	19	17.7
454789		0.5	66	0.5	4.1	24	24.5
454790		0.8	88	0.5	4.4	36	27.0
454791		0.1	2	<0.1	2.1	5	1.5
454792		1.0	112	0.9	4.7	32	29.3
454793		0.2	33	0.4	2.8	17	12.6
454794		0.4	72	1.0	3.7	19	23.8
454795		0.7	79	0.8	3.9	32	27.1
454796		0.9	58	0.6	6.4	340	72.6
454797		0.5	82	0.9	4.1	28	24.9
454798		0.3	58	0.3	3.4	17	17.7
454799		0.3	40	0.2	3.6	16	12.8
454800		0.4	46	0.2	3.8	22	13.6

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CERTIFICAT D'ANALYSE VO17205911

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205936

Project: KAN

P.O. No.: KANDH17- 011

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

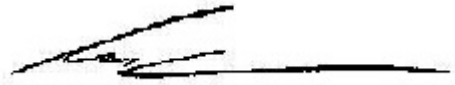
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205936

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455201		4.09	0.006	0.16	6.99	28.6	150	1.54	0.12	1.46	0.51	57.6	31.5	106	5.06	70.7
455202		<0.02	0.002	0.16	7.26	25.5	160	1.51	0.11	1.79	0.46	59.9	36.1	109	5.75	73.7
455203		4.49	0.009	0.32	7.20	44.6	200	1.95	0.36	0.60	1.31	63.0	26.9	84	6.11	114.5
455204		4.66	0.019	0.32	4.84	78.3	120	1.17	0.39	5.14	5.63	56.4	26.5	50	3.60	124.5
455205		4.30	0.019	0.52	5.55	119.5	120	1.49	0.59	1.36	5.89	62.2	32.0	66	4.03	179.5
455206		4.29	0.020	0.46	5.11	114.0	110	1.42	0.47	1.52	2.71	56.1	27.4	60	3.73	166.5
455207		0.11	1.330	1.09	8.44	106.0	120	5.14	2.81	2.29	2.88	25.9	18.3	62	2.85	60.7
455208		4.14	0.029	0.49	5.39	108.5	120	1.51	0.49	2.16	3.33	62.2	35.0	59	3.98	140.5
455209		4.04	0.013	0.34	5.90	110.0	130	1.28	0.32	1.85	0.12	68.1	20.8	71	3.71	121.0
455210		4.20	0.005	0.16	7.22	292	170	1.45	0.14	1.20	0.06	61.2	20.9	82	5.12	60.2
455211		0.27	<0.001	0.01	0.12	0.5	140	0.07	0.03	18.15	0.21	1.49	0.5	2	0.52	1.3
455212		4.26	0.005	0.23	7.85	36.2	170	1.31	0.19	1.16	0.05	64.4	20.5	120	5.33	77.7
455213		4.37	0.004	0.37	7.81	79.7	170	1.42	0.32	1.29	2.02	62.9	27.2	104	6.90	134.0
455214		4.56	0.004	0.28	7.14	28.5	180	1.64	0.21	1.35	1.51	86.7	19.4	79	6.37	102.5
455215		4.13	0.004	0.23	7.48	21.9	210	1.63	0.18	0.39	1.42	88.3	12.3	91	6.67	83.4
455216		0.11	8.48	1.76	8.11	105.5	200	4.22	3.65	1.98	4.61	25.9	17.9	59	2.70	123.5
455217		4.02	0.013	0.36	7.48	14.3	210	1.69	0.26	0.70	2.30	104.5	9.9	80	6.35	134.0
455218		4.07	0.011	0.41	6.92	35.0	170	1.52	0.31	1.02	3.40	80.8	20.8	74	5.77	140.5
455219		4.57	0.004	0.44	6.55	50.8	230	1.80	0.30	0.71	2.32	83.1	17.2	138	5.61	140.0
455220		4.15	0.007	0.39	5.48	127.0	180	1.72	0.28	1.18	2.18	88.9	39.5	91	4.68	165.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205936

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455201		11.45	18.70	0.14	4.0	0.205	0.117	2.40	32.9	51.6	1.57	1790	15.55	0.22	7.4	65.7
455202		11.15	19.65	0.14	4.1	0.161	0.131	2.71	34.3	48.6	1.53	1760	16.35	0.20	8.9	67.4
455203		15.20	18.55	0.20	3.6	0.354	0.136	2.45	37.5	52.0	1.16	819	28.6	0.36	7.0	118.5
455204		15.85	13.70	0.14	3.1	0.745	0.172	1.36	32.1	27.9	2.51	2440	25.1	0.85	14.0	131.0
455205		19.85	15.40	0.18	3.6	0.763	0.162	1.58	36.9	38.5	1.43	1060	33.8	0.58	10.8	186.5
455206		20.9	14.00	0.17	3.6	0.570	0.096	1.32	32.5	39.0	1.57	1590	21.9	0.43	9.3	188.5
455207		5.22	25.6	0.13	1.7	0.016	0.100	4.16	12.5	2.9	1.70	456	1.48	3.55	15.0	66.5
455208		19.40	15.50	0.14	4.9	0.607	0.123	1.38	36.0	40.1	1.89	1420	29.2	0.53	13.3	159.5
455209		17.40	17.00	0.16	5.3	0.288	0.062	1.42	37.7	46.4	2.07	1820	18.50	0.48	15.3	132.0
455210		10.75	20.2	0.12	4.2	0.134	0.093	2.24	34.4	37.2	1.41	1950	22.7	0.97	5.6	77.0
455211		0.17	0.36	0.07	0.1	0.019	<0.005	0.05	0.8	14.6	13.55	304	0.15	0.03	0.2	0.9
455212		11.25	20.6	0.12	4.1	0.154	0.098	2.57	37.4	41.2	1.50	1340	21.2	0.89	7.6	83.0
455213		13.80	21.3	0.17	4.3	0.321	0.158	3.31	35.7	36.9	1.28	837	19.50	0.12	11.3	124.0
455214		10.10	22.1	0.16	4.5	0.297	0.117	3.20	49.4	33.3	1.17	595	24.9	0.12	16.2	94.3
455215		8.65	24.4	0.17	4.7	0.267	0.109	3.39	50.3	35.2	0.75	214	28.2	0.11	15.4	85.8
455216		5.41	25.5	0.10	1.7	0.021	0.180	4.52	13.5	2.6	1.57	425	1.47	3.33	14.3	64.2
455217		12.00	25.0	0.18	5.6	0.356	0.135	3.36	58.9	39.1	1.05	363	25.9	0.11	19.8	119.5
455218		13.95	21.7	0.15	4.2	0.476	0.165	3.20	47.0	36.5	1.10	582	23.2	0.09	13.8	131.0
455219		13.50	21.6	0.17	4.0	0.477	0.151	3.19	46.5	41.7	1.19	1100	33.8	0.08	11.4	129.0
455220		15.70	19.50	0.17	4.6	0.392	0.141	2.78	47.7	34.7	1.55	2380	19.35	0.07	16.7	139.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205936

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455201		710	10.3	60.2	0.011	4.18	1.86	17.7	2	1.9	55.3	0.41	0.21	4.32	0.170	2.65
455202		630	10.4	67.3	0.011	4.53	1.90	18.9	2	2.3	59.8	0.50	0.18	4.58	0.208	3.12
455203		730	23.1	63.6	0.027	7.25	5.03	13.2	4	2.2	48.3	0.44	0.53	5.74	0.144	3.06
455204		350	24.1	37.5	0.027	7.75	4.75	9.8	4	1.9	132.5	0.78	0.61	4.71	0.156	1.84
455205		860	37.8	43.6	0.040	>10.0	7.34	10.3	7	1.8	59.2	0.70	0.82	6.09	0.112	2.37
455206		1340	33.7	36.3	0.026	>10.0	6.43	10.0	5	1.7	56.9	0.52	0.82	5.04	0.100	2.07
455207		980	152.5	409	0.003	2.73	1.66	5.4	3	1.2	265	1.17	0.49	1.36	0.504	1.50
455208		1130	34.9	38.6	0.028	>10.0	6.55	10.5	4	2.1	67.7	0.80	0.87	6.43	0.129	2.18
455209		1150	24.7	38.0	0.019	8.27	4.67	12.5	3	1.9	61.7	0.91	0.59	6.41	0.150	1.99
455210		670	13.6	57.2	0.016	4.43	2.60	19.6	3	1.8	60.3	0.32	0.32	4.84	0.142	2.68
455211		30	2.2	1.5	<0.002	0.02	0.15	0.2	<1	<0.2	150.5	<0.05	<0.05	0.18	0.007	0.08
455212		700	15.1	64.9	0.015	5.21	3.78	20.2	3	1.7	53.4	0.42	0.33	5.13	0.183	2.84
455213		540	24.7	86.3	0.018	7.77	5.03	20.4	3	3.0	53.1	0.70	0.47	4.99	0.273	3.63
455214		300	20.3	88.7	0.026	5.58	4.14	10.7	3	2.3	56.7	0.99	0.48	8.12	0.181	3.21
455215		220	18.1	96.3	0.023	4.99	4.54	11.1	3	2.3	33.0	1.01	0.49	9.49	0.197	3.28
455216		890	182.5	470	0.002	3.23	2.66	5.2	3	1.3	248	0.89	1.07	1.48	0.462	1.86
455217		300	22.9	95.5	0.022	6.57	5.27	11.9	4	2.8	40.9	1.29	0.87	10.15	0.189	3.24
455218		400	26.9	92.0	0.023	8.18	5.97	12.6	5	2.9	48.7	0.94	1.01	7.90	0.201	2.99
455219		580	28.8	95.8	0.024	7.41	7.05	14.9	6	2.9	38.6	0.72	0.84	7.38	0.196	2.83
455220		530	26.8	85.9	0.020	9.10	5.96	9.4	5	2.7	50.4	0.82	0.91	8.79	0.156	2.40

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205936

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
455201		9.6	158	0.8	11.1	247	153.5
455202		10.7	169	1.0	11.6	240	164.0
455203		14.6	248	0.9	10.6	391	141.0
455204		12.6	224	1.1	11.2	1170	130.0
455205		16.6	295	1.0	12.8	1270	137.5
455206		11.0	198	0.8	12.9	648	136.5
455207		0.7	63	0.9	6.5	239	77.3
455208		13.1	234	1.0	15.5	815	176.5
455209		10.0	181	0.9	15.2	141	197.0
455210		10.2	170	0.7	11.9	97	158.0
455211		0.3	3	0.2	0.9	68	3.3
455212		10.5	179	0.7	11.6	103	166.0
455213		16.3	225	1.1	12.6	489	169.0
455214		15.1	251	1.0	11.9	371	179.5
455215		13.9	237	1.1	11.6	325	184.0
455216		0.9	59	0.4	6.4	338	72.5
455217		16.4	256	1.1	14.9	557	208
455218		18.0	315	1.2	11.7	813	156.0
455219		12.4	302	1.2	11.6	560	160.5
455220		8.2	198	1.0	11.2	524	172.0

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CERTIFICATE OF ANALYSIS VO17205936

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 16- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205945

Project: KAN

P.O. No.: KANDH17- 022

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

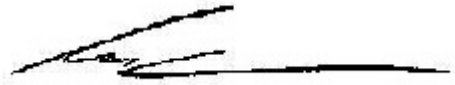
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17205945

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454421		2.71	<0.001	0.07	0.45	1.6	10	0.20	0.05	2.07	0.08	13.25	8.7	18	1.28	30.4
454422		<0.02	<0.001	0.08	0.42	2.8	10	0.24	0.07	2.49	0.11	14.10	9.7	18	1.72	37.5
454423		2.15	0.001	0.12	0.42	<0.2	<10	0.18	0.12	3.55	0.15	14.55	4.4	15	0.76	39.7
454424		2.61	0.001	0.05	0.34	1.0	<10	0.20	0.06	2.82	0.02	10.80	2.7	12	0.82	22.8
454425		1.20	<0.001	0.33	0.53	1.7	10	0.64	0.24	1.21	15.95	15.05	8.0	12	1.04	110.0
454426		1.18	0.022	0.50	4.90	0.9	130	1.30	0.42	0.39	0.81	126.5	9.4	54	2.35	163.5
454427		0.11	1.330	0.99	7.79	108.5	120	4.60	2.89	2.21	2.56	24.6	18.3	62	2.68	59.1
454428		2.91	0.031	0.66	5.31	3.0	110	1.55	0.38	0.18	0.56	97.0	34.3	62	3.04	188.5
454429		2.27	0.005	0.46	0.65	0.4	30	0.38	0.54	1.82	7.64	23.5	7.3	19	0.41	63.9
454430		1.94	0.001	0.03	0.13	0.2	10	0.23	0.03	2.20	0.03	10.15	2.7	15	3.30	1.6
454431		0.22	0.001	<0.01	0.06	<0.2	10	0.07	0.01	32.8	0.03	1.06	0.4	2	<0.05	1.2
454432		2.57	0.001	0.01	0.12	1.1	10	0.67	0.04	2.75	0.03	9.12	4.0	4	3.96	2.1
454433		2.33	0.002	0.01	0.15	0.7	10	0.86	0.03	3.41	0.02	9.88	4.8	6	4.91	2.2
454434		2.65	0.001	0.01	0.28	1.7	20	1.16	0.03	3.84	0.02	12.90	5.5	6	9.45	1.0
454435		2.40	0.001	0.02	0.18	0.9	20	1.04	0.03	5.06	0.03	10.35	4.1	6	6.14	1.6
454436		0.11	8.49	1.61	7.93	106.0	200	3.83	3.51	1.97	4.18	27.4	17.2	57	2.58	113.5
454437		2.38	0.006	0.13	0.12	0.5	10	0.78	0.03	5.10	<0.02	10.65	4.8	9	3.71	5.3
454438		2.25	0.008	0.06	0.19	0.5	10	0.63	0.04	3.65	0.03	9.12	4.8	7	3.86	9.3
454439		2.39	<0.001	0.01	0.14	0.6	10	1.01	0.03	3.53	0.02	10.75	4.1	4	3.64	2.6
454440		2.23	<0.001	<0.01	0.11	0.4	10	0.64	0.01	2.56	0.02	7.86	3.4	6	3.41	1.0

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Finalized Date: 16- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205945

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454421		22.0	2.42	0.06	0.2	0.015	0.043	0.06	7.8	2.9	2.70	18150	1.47	0.01	2.8	11.5
454422		21.5	2.34	0.06	0.3	0.010	0.050	0.08	8.3	3.1	2.79	18600	1.64	0.01	3.0	12.7
454423		18.40	2.48	0.08	0.2	0.013	0.030	0.04	8.7	2.3	2.32	9760	1.51	0.01	2.4	15.6
454424		20.6	2.01	0.06	0.1	0.011	0.039	0.04	6.5	1.5	2.30	9350	1.17	<0.01	1.7	8.9
454425		15.00	2.36	0.05	0.5	2.01	1.195	0.12	8.1	3.5	0.57	1880	2.40	0.10	3.6	42.4
454426		22.6	18.05	0.19	8.6	0.223	0.091	1.83	63.7	30.6	1.18	989	23.9	0.12	17.9	82.4
454427		5.15	26.9	0.09	1.9	0.009	0.096	4.13	10.7	2.7	1.68	454	1.40	3.50	15.9	71.5
454428		21.7	19.25	0.18	5.8	0.243	0.059	2.14	52.3	29.1	0.99	440	23.5	0.07	20.0	71.5
454429		17.45	2.50	0.07	0.6	0.350	0.123	0.28	12.6	3.3	1.41	7600	1.79	0.02	2.3	21.1
454430		17.80	0.80	0.06	0.1	0.035	0.014	0.04	6.1	0.4	2.17	7170	0.51	0.03	1.3	2.6
454431		0.24	0.20	0.06	<0.1	<0.005	0.006	0.01	1.2	0.9	2.22	192	<0.05	0.03	0.1	<0.2
454432		27.1	0.89	0.06	0.1	0.040	0.010	0.05	5.7	0.6	2.65	11550	0.44	0.03	1.2	2.6
454433		28.4	1.01	0.08	0.1	0.045	0.011	0.06	6.2	0.5	2.54	12650	0.90	0.04	1.4	3.1
454434		29.7	1.61	0.09	0.1	0.026	0.017	0.12	8.0	0.6	2.81	10950	0.28	0.08	2.2	3.9
454435		24.2	1.10	0.06	0.1	0.026	0.011	0.08	6.3	0.5	2.24	8980	0.74	0.05	1.3	2.7
454436		5.43	26.2	0.12	1.6	0.014	0.169	4.56	13.0	2.6	1.57	449	1.46	3.34	14.4	66.0
454437		22.7	0.88	0.07	0.1	0.035	0.011	0.05	6.6	0.5	2.25	9230	0.35	0.03	1.4	3.0
454438		23.5	1.34	0.06	0.1	0.059	0.012	0.09	5.3	0.4	2.11	8990	0.32	0.04	1.8	2.6
454439		25.6	0.90	0.07	0.1	0.024	0.007	0.06	6.7	0.5	2.33	8680	0.33	0.03	1.2	2.5
454440		23.7	0.74	0.08	0.1	0.018	<0.005	0.05	5.1	0.4	2.07	7950	0.33	0.03	1.0	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 16- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205945

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454421		320	4.9	5.2	<0.002	1.78	0.13	1.0	1	0.9	32.6	0.15	0.07	0.47	0.027	0.23
454422		320	4.5	7.1	0.002	2.05	0.18	1.0	1	1.0	42.0	0.15	0.06	0.45	0.027	0.31
454423		220	11.8	4.3	0.002	2.62	0.15	0.9	1	0.9	52.0	0.13	0.10	0.46	0.023	0.25
454424		290	1.9	3.7	<0.002	1.35	0.12	0.8	<1	0.9	33.5	0.08	<0.05	0.30	0.017	0.18
454425		120	49.8	8.9	0.002	6.06	0.22	1.2	2	0.9	29.7	0.21	0.18	0.88	0.041	0.40
454426		480	80.4	81.6	0.032	>10.0	0.67	9.2	6	3.1	27.4	1.48	0.47	11.75	0.127	2.15
454427		960	157.5	353	0.004	2.73	1.81	5.4	5	1.3	257	1.25	0.50	1.35	0.499	1.51
454428		630	49.8	98.2	0.028	>10.0	2.58	9.9	5	3.7	22.8	1.25	0.68	9.87	0.163	3.34
454429		360	168.0	11.4	0.002	3.66	0.28	1.4	1	0.9	24.3	0.14	1.01	0.76	0.034	0.39
454430		280	1.2	2.9	0.002	0.35	0.08	0.4	<1	0.3	20.4	0.06	<0.05	0.27	0.012	0.03
454431		70	<0.5	0.3	<0.002	<0.01	0.06	0.2	1	<0.2	80.5	<0.05	<0.05	0.06	0.005	<0.02
454432		410	1.4	3.7	<0.002	0.30	0.17	0.3	<1	0.4	24.8	0.06	<0.05	0.18	0.008	0.05
454433		340	1.4	4.7	<0.002	0.24	0.12	0.3	<1	0.4	32.0	0.07	<0.05	0.19	0.012	0.05
454434		450	1.2	8.8	<0.002	0.15	0.17	0.6	<1	0.7	36.3	0.09	<0.05	0.34	0.020	0.06
454435		310	2.2	5.8	<0.002	0.21	0.11	0.4	<1	0.4	51.3	0.06	<0.05	0.21	0.012	0.05
454436		890	185.0	460	0.004	3.24	2.02	5.0	3	1.2	247	0.88	0.90	1.63	0.465	1.95
454437		310	1.7	3.7	<0.002	0.56	0.11	0.3	<1	0.4	51.3	<0.05	0.05	0.21	0.011	0.05
454438		380	1.7	4.1	0.002	0.61	0.26	0.4	1	0.6	38.2	0.08	0.09	0.27	0.013	0.06
454439		530	1.1	3.7	<0.002	0.14	0.17	0.3	1	0.4	37.9	0.05	<0.05	0.18	0.009	0.04
454440		410	0.6	3.3	<0.002	0.06	0.11	0.2	<1	0.2	25.4	<0.05	<0.05	0.14	0.008	0.03

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 16- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205945

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454421		0.7	44	0.1	5.3	63	10.8
454422		0.7	43	0.1	5.5	66	11.3
454423		0.6	41	0.2	5.6	43	10.5
454424		0.4	31	0.1	5.2	37	6.6
454425		1.8	43	0.6	4.2	3720	24.8
454426		14.3	268	1.3	20.7	264	320
454427		0.7	63	0.7	6.6	232	79.3
454428		13.5	260	1.7	16.4	217	247
454429		0.9	32	0.4	5.7	1090	22.7
454430		0.3	16	0.2	5.9	20	5.1
454431		0.1	1	<0.1	2.2	4	1.6
454432		0.1	14	0.3	9.3	37	4.6
454433		0.2	17	0.3	10.7	31	5.2
454434		0.3	27	0.4	13.4	24	7.8
454435		0.3	20	0.5	12.1	20	5.0
454436		1.0	59	0.5	6.5	352	71.4
454437		0.2	13	0.5	10.1	19	4.1
454438		0.2	19	0.7	7.9	29	4.5
454439		0.2	15	0.2	12.2	21	4.0
454440		0.1	12	0.2	8.4	11	3.4

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Project: KAN

CERTIFICATE OF ANALYSIS VO17205945

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205956

Project: KAN

P.O. No.: KANDH17- 038

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

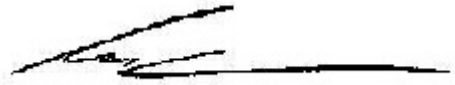
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205956

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454741		2.15	0.009	0.35	2.56	4.1	90	0.60	0.17	4.30	0.25	19.55	6.8	47	0.80	54.5
454742		<0.02	0.006	0.34	2.39	4.4	90	0.67	0.15	4.50	0.29	18.85	7.4	47	0.76	47.6
454743		2.06	<0.001	0.10	0.18	3.7	10	0.15	0.02	6.19	0.06	5.06	2.6	38	0.08	7.2
454744		2.32	0.001	0.06	0.08	1.0	10	0.21	0.01	7.48	0.04	7.64	4.2	16	0.10	5.4
454745		2.29	0.007	0.07	0.27	0.6	10	0.32	0.02	6.04	0.05	8.40	3.6	17	0.08	3.3
454746		2.10	0.003	0.03	0.15	0.2	<10	0.13	0.01	8.32	0.08	7.27	2.9	10	<0.05	1.6
454747		0.10	1.310	1.12	8.58	104.0	120	4.91	2.78	2.28	2.65	24.5	18.9	58	2.66	60.8
454748		2.17	0.004	0.11	0.16	0.5	10	0.31	0.08	4.43	0.09	7.60	2.9	15	0.10	4.6
454749		2.18	0.002	0.08	0.08	0.8	10	0.31	0.05	4.89	0.12	4.56	4.0	24	0.06	4.4
454750		2.29	0.002	0.03	0.19	0.4	<10	0.23	0.06	3.55	0.04	6.57	4.2	21	<0.05	2.5
454751		0.30	0.002	<0.01	0.05	0.3	10	0.06	0.03	33.0	0.02	0.94	0.6	2	<0.05	1.3
454752		2.20	0.002	0.02	0.29	0.6	10	0.44	0.05	4.83	0.05	12.05	4.2	18	0.09	2.2
454753		2.31	0.006	0.04	0.18	0.4	10	0.36	0.05	4.90	0.05	10.55	3.3	17	0.08	3.1
454754		2.19	0.002	0.02	0.34	0.6	10	0.29	0.03	5.62	0.05	9.01	3.8	26	0.07	2.3
454755		2.40	0.001	0.01	0.23	0.2	10	0.42	0.03	5.48	0.04	9.87	4.0	12	0.05	2.1
454756		0.13	8.54	1.73	8.28	138.5	210	3.95	3.90	2.02	4.01	26.0	19.1	60	2.59	118.5
454757		2.29	0.003	0.03	0.27	0.4	10	0.39	0.05	4.75	0.04	9.52	4.4	18	0.05	3.5
454758		2.04	<0.001	0.02	0.18	0.5	<10	0.33	0.03	3.15	0.03	6.06	2.8	26	<0.05	2.2
454759		2.24	0.001	0.03	0.31	0.4	10	0.63	0.04	2.38	0.05	10.00	4.0	32	0.05	4.8
454760		2.22	<0.001	0.04	0.24	0.8	10	0.36	0.04	3.01	0.02	6.46	3.9	30	<0.05	3.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205956

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454741		6.19	6.28	<0.05	1.2	0.010	0.020	1.30	11.5	5.2	2.07	1020	8.57	0.03	4.5	39.2
454742		5.72	5.67	<0.05	1.2	0.013	0.020	1.22	9.9	4.8	2.13	1050	8.28	0.03	4.4	37.7
454743		4.01	0.91	<0.05	0.1	0.008	<0.005	0.08	2.8	1.1	2.79	1350	3.34	0.01	0.8	11.6
454744		9.10	0.63	<0.05	<0.1	<0.005	<0.005	0.03	4.3	0.9	3.49	2790	1.31	<0.01	0.7	6.1
454745		17.40	1.04	<0.05	0.1	<0.005	0.008	0.05	5.1	2.2	3.79	4590	1.56	<0.01	0.5	6.7
454746		18.05	0.66	<0.05	0.1	<0.005	0.008	0.02	4.5	1.9	4.50	5680	0.89	<0.01	0.5	4.9
454747		5.45	24.2	0.11	1.8	0.008	0.103	4.26	12.0	2.8	1.73	446	1.28	3.68	15.8	70.2
454748		19.40	0.83	<0.05	0.1	<0.005	0.009	0.05	4.7	1.1	3.22	7750	1.39	<0.01	1.0	4.1
454749		14.10	0.52	<0.05	0.1	<0.005	0.006	0.02	2.9	0.9	3.01	6200	1.67	<0.01	0.5	4.7
454750		17.35	0.91	0.07	0.1	<0.005	0.005	0.01	4.3	1.7	2.69	8170	1.96	0.01	0.7	5.9
454751		0.24	0.19	<0.05	<0.1	<0.005	<0.005	<0.01	1.2	0.7	1.99	199	0.12	0.03	0.1	<0.2
454752		19.35	1.24	0.05	0.1	<0.005	0.007	0.04	7.5	2.5	3.13	7890	2.07	0.04	0.8	5.0
454753		18.30	0.90	0.05	0.2	<0.005	0.008	0.04	6.3	1.5	3.17	6920	1.29	0.01	1.2	5.0
454754		18.30	1.37	0.05	0.1	0.008	0.006	0.03	5.5	3.1	3.68	7700	1.58	0.02	0.8	4.2
454755		18.15	0.80	<0.05	0.1	0.007	0.006	0.03	5.4	2.3	3.94	7740	1.09	<0.01	1.4	4.3
454756		5.72	24.3	0.39	1.5	0.010	0.168	4.77	13.7	2.6	1.62	451	1.40	3.35	14.0	66.4
454757		17.10	1.05	0.07	0.2	<0.005	0.007	0.02	5.4	2.8	3.61	6840	1.28	<0.01	1.3	4.9
454758		13.70	0.90	<0.05	0.1	0.006	<0.005	0.02	4.0	2.1	2.60	5860	1.77	<0.01	1.0	4.8
454759		14.45	1.24	<0.05	0.2	<0.005	0.006	0.03	5.2	2.8	2.19	7000	1.86	<0.01	2.2	7.3
454760		13.10	1.01	<0.05	0.1	<0.005	0.006	0.02	3.8	2.4	2.36	7520	1.63	<0.01	1.6	5.6

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CERTIFICATE OF ANALYSIS VO17205956

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454741		190	17.5	30.6	0.009	2.60	0.50	4.3	2	1.2	48.0	0.25	0.15	1.55	0.110	1.07
454742		190	17.8	28.0	0.011	2.42	0.45	4.0	2	1.3	47.5	0.25	0.16	1.50	0.104	0.98
454743		110	7.9	1.7	<0.002	0.67	0.13	0.4	<1	0.3	39.9	<0.05	<0.05	0.21	0.008	0.10
454744		150	1.3	1.1	<0.002	0.70	0.08	0.3	<1	0.2	42.1	<0.05	<0.05	0.10	<0.005	0.09
454745		320	1.6	2.2	<0.002	0.35	0.07	0.6	1	0.3	41.6	0.05	<0.05	0.24	0.007	0.09
454746		250	1.8	0.7	<0.002	0.14	0.05	0.4	<1	<0.2	70.1	<0.05	<0.05	0.15	<0.005	0.04
454747		1020	151.0	353	0.002	2.80	1.60	5.0	3	1.2	266	1.06	0.48	1.24	0.493	1.39
454748		260	1.9	2.3	<0.002	0.35	0.12	0.4	<1	<0.2	27.0	<0.05	0.05	0.18	0.007	0.08
454749		130	1.8	1.3	<0.002	0.43	0.08	0.3	<1	<0.2	29.1	<0.05	<0.05	0.09	<0.005	0.05
454750		200	1.4	0.7	<0.002	0.24	0.08	0.6	<1	<0.2	24.9	0.05	<0.05	0.18	0.010	0.02
454751		70	0.5	0.1	<0.002	<0.01	0.10	0.2	1	<0.2	80.5	<0.05	<0.05	0.05	0.005	<0.02
454752		310	1.7	2.3	<0.002	0.17	0.28	0.6	<1	<0.2	39.9	0.05	<0.05	0.22	0.011	0.07
454753		400	1.5	1.9	<0.002	0.28	0.06	0.6	<1	<0.2	38.8	0.08	<0.05	0.22	0.010	0.07
454754		450	1.6	1.5	<0.002	0.18	0.06	0.7	<1	<0.2	46.5	<0.05	<0.05	0.24	0.010	0.05
454755		490	1.2	1.3	<0.002	0.07	0.06	0.7	<1	<0.2	42.1	0.06	<0.05	0.36	0.015	0.04
454756		910	185.5	510	0.003	3.51	2.40	5.1	4	1.2	259	0.83	0.94	1.37	0.478	1.86
454757		400	1.5	1.3	<0.002	0.20	0.06	0.7	<1	<0.2	35.6	0.07	<0.05	0.35	0.013	0.04
454758		320	1.0	1.0	<0.002	0.10	0.07	0.5	1	<0.2	21.6	0.05	<0.05	0.18	0.011	0.03
454759		340	1.0	1.2	<0.002	0.17	0.05	0.9	1	<0.2	14.2	0.09	<0.05	0.48	0.025	0.03
454760		370	1.0	1.0	<0.002	0.11	0.06	0.9	<1	<0.2	17.8	0.07	<0.05	0.29	0.025	0.03

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205956

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
454741		7.0	81	1.4	4.3	48	46.6
454742		6.7	80	0.9	4.2	52	43.4
454743		1.2	14	0.1	2.4	14	4.4
454744		0.9	12	0.1	3.8	9	2.7
454745		0.3	21	0.1	5.1	25	5.3
454746		0.3	16	0.1	5.4	29	4.0
454747		0.7	63	0.6	6.2	220	75.0
454748		0.3	17	0.2	5.0	32	4.5
454749		0.3	10	0.1	4.2	27	2.3
454750		0.2	15	0.1	4.5	18	4.6
454751		0.1	1	<0.1	2.1	4	1.2
454752		0.3	22	0.2	6.1	17	5.6
454753		0.3	17	0.1	6.5	17	7.5
454754		0.2	25	0.2	6.9	17	5.0
454755		0.2	17	0.2	5.6	14	6.0
454756		0.9	61	0.6	6.4	338	70.4
454757		0.4	21	0.2	5.5	14	7.7
454758		0.2	15	0.1	4.5	8	5.8
454759		0.4	20	0.1	4.3	13	8.3
454760		0.2	16	0.2	3.7	9	7.1

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CERTIFICATE OF ANALYSIS VO17205956

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalized Date: 14- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205958

Project: KAN

P.O. No.: KANDH17- 041

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

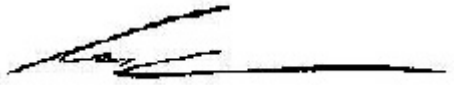
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: KAN

CERTIFICATE OF ANALYSIS VO17205958

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454801		2.73	<0.001	0.03	0.95	0.3	<10	0.34	0.02	5.02	0.07	8.08	11.1	21	0.05	22.8
454802		<0.02	<0.001	0.06	1.12	0.3	<10	0.25	0.02	5.36	0.08	7.90	12.1	24	0.06	21.3
454803		1.54	<0.001	0.02	6.41	1.0	180	0.87	0.01	3.91	0.06	8.84	40.0	120	0.30	6.8
454804		2.02	0.002	0.25	5.94	0.7	60	0.40	0.02	5.97	0.13	7.62	42.7	106	0.16	160.0
454805		2.00	0.002	0.23	6.30	<0.2	10	0.36	0.02	6.85	0.12	8.38	46.4	111	0.06	143.5
454806		2.15	0.002	0.19	6.42	0.5	10	0.37	0.02	6.36	0.10	8.31	47.0	116	0.05	131.0
454807		0.11	1.340	1.10	8.33	107.0	120	5.27	2.70	2.31	2.75	25.4	19.0	61	2.60	62.4
454808		2.13	0.002	0.20	6.51	0.6	10	0.30	0.02	5.43	0.08	8.31	47.1	112	0.08	143.0
454809		2.14	<0.001	0.14	6.31	2.1	20	0.34	0.02	5.84	0.07	7.56	48.4	104	0.10	99.0
454810		2.12	0.005	0.17	6.59	0.2	<10	0.29	0.02	6.35	0.12	7.05	49.3	109	0.05	141.0
454811		0.32	<0.001	<0.01	0.13	0.7	20	0.05	0.02	33.3	0.03	1.13	0.9	2	<0.05	2.5
454812		2.21	<0.001	0.16	6.60	<0.2	10	0.38	0.02	6.09	0.10	7.21	49.1	115	0.07	127.5
454813		2.20	<0.001	0.10	6.66	<0.2	<10	0.36	0.02	5.64	0.09	7.47	47.6	116	0.06	83.8
454814		2.10	<0.001	0.18	6.75	0.3	<10	0.31	0.02	5.87	0.11	7.72	50.7	108	0.05	123.5
454815		2.24	0.004	0.22	6.74	<0.2	<10	0.33	0.02	5.82	0.10	8.46	54.1	98	0.06	180.5
454816		0.13	8.58	1.61	8.11	109.5	200	3.91	3.23	1.99	4.25	28.7	17.9	59	2.67	107.5
454817		2.18	0.001	0.17	6.70	<0.2	<10	0.32	0.02	5.36	0.09	8.07	57.3	104	0.06	145.5
454818		2.12	0.003	0.28	6.52	0.5	<10	0.40	0.02	5.60	0.07	7.57	53.2	108	0.07	126.5
454819		2.38	0.001	0.18	6.67	0.6	<10	0.34	0.02	6.25	0.07	7.49	53.8	103	0.07	135.0
454820		2.16	<0.001	0.16	6.36	<0.2	<10	0.31	0.02	6.47	0.08	7.77	52.7	97	0.08	135.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205958

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454801		12.95	4.10	0.06	0.5	<0.005	0.032	<0.01	3.9	4.0	3.28	9280	0.61	<0.01	2.1	19.8
454802		12.95	4.73	0.06	0.5	<0.005	0.036	<0.01	3.8	4.6	3.45	9100	0.59	<0.01	2.2	22.2
454803		8.63	16.70	0.07	1.2	<0.005	0.055	0.73	3.4	35.8	4.25	1560	0.25	0.79	1.0	90.1
454804		7.82	15.05	0.06	0.9	<0.005	0.062	0.32	2.8	30.2	3.73	1440	0.28	1.39	0.9	102.0
454805		8.28	16.05	0.05	0.7	<0.005	0.064	0.07	3.0	33.6	3.66	1460	0.21	1.62	0.9	97.0
454806		8.44	16.35	0.07	0.7	0.005	0.062	0.02	3.0	38.8	3.89	1380	0.20	1.52	1.0	107.5
454807		5.30	26.5	0.11	1.6	0.006	0.099	4.17	11.2	2.7	1.73	463	1.45	3.56	14.9	71.8
454808		8.38	15.75	0.06	0.6	<0.005	0.065	0.09	3.0	44.1	4.46	1320	0.21	1.50	1.1	111.5
454809		8.36	14.95	<0.05	0.7	<0.005	0.058	0.15	2.7	42.9	4.62	1460	0.24	1.24	0.9	141.0
454810		8.40	15.85	0.05	0.6	<0.005	0.074	0.03	2.6	43.1	4.41	1400	0.18	1.58	0.8	145.5
454811		0.23	0.33	<0.05	<0.1	<0.005	<0.005	0.01	1.3	1.4	1.98	171	<0.05	0.05	0.1	1.8
454812		8.23	15.85	0.07	1.0	0.006	0.054	0.11	2.6	38.1	4.33	1500	0.18	1.78	1.2	142.5
454813		8.15	15.60	<0.05	0.7	0.007	0.049	0.03	2.8	29.3	4.34	1440	0.24	1.78	1.0	145.0
454814		8.29	15.65	0.06	1.0	0.008	0.060	0.01	2.8	30.6	4.45	1400	0.19	1.70	0.9	157.5
454815		8.55	15.65	0.08	0.8	0.009	0.066	0.01	3.1	31.8	4.59	1480	0.20	1.64	0.9	171.5
454816		5.49	26.2	0.11	1.6	0.015	0.169	4.61	13.6	2.6	1.58	434	1.59	3.25	13.5	65.2
454817		8.63	15.85	0.05	0.7	<0.005	0.054	0.01	3.0	31.4	4.63	1400	0.21	1.55	1.2	168.0
454818		8.30	15.75	<0.05	0.8	<0.005	0.060	0.01	2.8	32.3	4.49	1440	0.22	1.48	0.9	171.5
454819		8.36	15.30	0.06	0.7	0.009	0.063	0.01	2.8	32.7	4.59	1460	0.18	1.52	0.8	166.5
454820		7.99	15.05	0.05	0.8	0.009	0.061	0.01	2.9	32.9	4.59	1520	0.18	1.51	0.8	168.5

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205958

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454801		270	1.3	0.2	<0.002	0.11	0.06	4.1	<1	<0.2	51.1	0.14	<0.05	0.64	0.093	<0.02
454802		250	1.5	0.2	<0.002	0.11	0.05	4.7	1	<0.2	56.2	0.15	<0.05	0.65	0.105	<0.02
454803		400	2.4	14.1	<0.002	<0.01	0.12	40.9	<1	0.6	57.9	0.07	<0.05	0.28	0.210	0.62
454804		320	5.5	9.0	0.002	0.02	0.08	36.2	1	0.3	81.1	0.06	<0.05	0.20	0.193	0.33
454805		340	3.1	2.2	<0.002	0.09	0.10	41.5	1	0.2	101.0	0.07	<0.05	0.22	0.199	0.07
454806		340	2.8	0.5	0.002	0.06	0.26	41.9	<1	0.2	96.4	0.08	<0.05	0.24	0.214	0.02
454807		970	149.5	371	0.002	2.76	1.58	5.4	4	1.2	271	1.14	0.50	1.40	0.504	1.51
454808		340	2.6	2.9	<0.002	0.04	0.11	39.1	1	0.3	78.9	0.09	<0.05	0.23	0.230	0.12
454809		320	2.2	4.3	0.002	0.02	0.14	36.4	<1	0.4	86.0	0.07	<0.05	0.20	0.223	0.16
454810		320	2.5	0.9	<0.002	0.05	0.17	37.7	<1	0.3	100.5	0.06	<0.05	0.19	0.225	0.04
454811		80	0.5	0.2	<0.002	<0.01	0.06	0.5	<1	<0.2	84.8	<0.05	<0.05	0.06	0.008	<0.02
454812		300	2.7	3.0	0.002	0.16	0.22	37.8	<1	0.2	103.5	0.08	<0.05	0.19	0.241	0.12
454813		300	4.0	0.8	0.002	0.15	0.16	37.1	1	0.2	86.5	0.07	0.05	0.20	0.219	0.04
454814		310	3.9	0.2	0.003	0.10	0.17	35.4	<1	0.3	85.1	0.06	<0.05	0.21	0.225	0.02
454815		350	5.1	0.3	0.002	0.12	0.15	36.5	1	0.2	78.7	0.06	<0.05	0.24	0.211	0.02
454816		900	168.0	510	0.003	3.27	1.98	5.1	4	1.2	251	0.86	0.79	1.58	0.468	2.09
454817		340	4.7	0.4	0.003	0.19	0.20	36.8	1	0.2	82.8	0.09	<0.05	0.23	0.248	0.02
454818		310	3.6	0.2	<0.002	0.11	0.17	36.7	<1	0.2	83.8	0.08	<0.05	0.22	0.199	0.02
454819		300	2.8	0.2	<0.002	0.14	0.15	35.2	1	0.2	104.0	0.06	<0.05	0.20	0.180	0.02
454820		300	3.5	0.2	0.002	0.10	0.26	33.5	<1	0.2	110.5	0.06	<0.05	0.21	0.156	0.02

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CERTIFICATE OF ANALYSIS VO17205958

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454801		0.3	83	0.2	3.7	29	20.0
454802		0.3	94	0.3	3.7	33	21.8
454803		0.1	310	0.4	4.2	110	50.6
454804		<0.1	271	0.1	4.4	100	21.8
454805		<0.1	295	0.1	4.9	104	22.1
454806		<0.1	303	0.1	5.8	107	19.2
454807		0.8	64	0.6	6.4	238	76.6
454808		<0.1	297	0.2	5.1	111	22.3
454809		<0.1	274	0.4	4.4	113	23.2
454810		<0.1	281	0.2	5.3	111	23.4
454811		0.1	4	<0.1	2.3	5	1.8
454812		<0.1	280	0.2	5.1	99	25.5
454813		<0.1	275	0.2	5.0	99	27.4
454814		<0.1	271	0.1	4.9	106	24.8
454815		<0.1	272	0.1	4.9	112	28.2
454816		0.9	60	0.5	6.4	342	71.1
454817		<0.1	280	0.1	4.8	103	26.8
454818		0.1	261	0.1	4.9	97	25.2
454819		<0.1	260	<0.1	5.8	95	22.4
454820		<0.1	239	<0.1	5.4	91	26.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205958

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	SPL- 21
SPL- 21d	WEI- 21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205962

Project: KAN

P.O. No.: KANDH17- 042

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

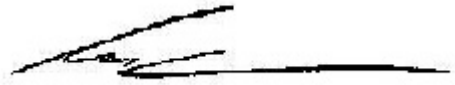
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205962

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454821		2.43	0.004	0.08	6.80	<0.2	<10	0.32	0.03	6.46	0.08	7.41	55.9	107	0.08	127.0
454822		<0.02	0.004	0.09	6.56	0.4	<10	0.37	0.02	6.08	0.07	7.27	50.9	99	0.08	112.0
454823		1.99	0.003	0.17	6.51	0.3	<10	0.32	0.03	6.30	0.11	7.01	52.2	102	0.08	128.0
454824		2.20	0.002	0.18	6.65	<0.2	<10	0.32	0.03	6.12	0.13	6.59	50.5	112	0.08	113.5
454825		2.23	0.004	0.26	5.92	3.5	<10	0.28	0.03	7.09	0.29	5.80	56.3	97	0.11	195.5
454826		2.37	0.001	0.12	6.65	1.6	<10	0.31	0.04	6.27	0.10	6.76	50.8	109	0.12	118.5
454827		0.12	1.355	1.08	8.09	118.0	120	4.93	2.64	2.22	2.51	24.9	19.3	62	2.49	56.8
454828		2.23	0.001	0.27	6.66	0.9	<10	0.32	0.06	7.16	0.11	7.21	51.8	105	0.15	126.0
454829		2.21	0.001	0.12	6.66	1.7	<10	0.31	0.03	6.31	0.09	6.86	55.1	106	0.10	152.5
454830		1.89	0.001	0.07	6.71	1.3	<10	0.33	0.04	6.07	0.08	6.52	49.1	107	0.10	129.0
454831		0.30	0.008	0.01	0.15	<0.2	10	0.06	0.03	34.0	0.02	1.09	1.2	5	<0.05	3.1
454832		3.07	0.002	0.34	5.97	0.7	<10	0.28	0.03	7.94	0.17	6.33	48.2	87	0.16	199.0
454833		1.60	0.004	0.19	6.56	1.3	<10	0.29	0.03	6.23	0.12	6.85	48.3	107	0.10	159.0
454834		2.29	0.003	0.15	6.74	2.3	<10	0.32	0.03	6.67	0.13	7.27	57.5	110	0.10	139.5
454835		2.23	0.005	0.18	6.42	1.3	<10	0.29	0.03	6.87	0.13	7.06	49.9	106	0.10	145.0
454836		0.11	8.58	1.65	7.95	121.0	200	3.72	3.43	1.94	3.75	25.9	18.4	58	2.52	108.0
454837		3.39	0.007	0.20	6.46	0.3	<10	0.34	0.03	6.11	0.11	7.70	48.0	111	0.09	130.5
454838		1.47	0.001	0.13	6.30	0.3	60	0.56	0.04	6.02	0.10	9.24	31.6	123	0.25	105.5
454839		1.83	0.014	0.16	2.21	0.3	50	0.29	0.02	5.06	0.08	6.71	14.3	54	0.16	34.3
454840		2.55	0.002	0.28	1.66	0.3	20	0.26	0.04	7.63	0.10	8.76	50.1	30	0.18	205

***** See Appendix Page for comments regarding this certificate *****

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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205962

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454821		8.47	14.30	0.43	0.8	0.017	0.063	0.01	2.8	35.7	4.77	1510	0.26	1.68	0.9	186.0
454822		8.10	13.70	0.35	0.8	0.017	0.057	0.01	2.8	35.0	4.58	1450	0.28	1.65	0.8	177.5
454823		8.29	13.80	0.41	0.8	0.007	0.062	0.01	2.6	35.0	4.70	1420	0.18	1.58	0.8	178.0
454824		8.25	13.35	0.45	0.7	<0.005	0.055	0.01	2.4	33.8	4.78	1440	0.21	1.74	0.8	179.0
454825		8.30	12.35	0.37	0.5	0.011	0.062	<0.01	2.2	35.2	4.68	1440	0.25	0.90	0.6	166.0
454826		8.61	13.85	0.31	1.0	<0.005	0.061	0.01	2.5	35.7	4.84	1400	0.19	1.24	1.2	175.5
454827		5.12	23.5	0.27	1.6	0.006	0.097	4.07	12.4	2.9	1.69	449	1.27	3.47	14.8	68.7
454828		8.93	14.40	0.28	0.8	0.008	0.064	0.01	2.7	37.1	5.06	1490	0.24	1.09	1.3	178.0
454829		8.51	14.25	0.48	0.6	0.006	0.061	0.01	2.6	32.5	4.64	1380	0.21	1.45	1.6	172.0
454830		8.71	14.20	0.51	0.7	0.007	0.062	0.01	2.4	31.9	4.82	1360	0.21	1.37	2.0	170.0
454831		0.31	0.42	<0.05	<0.1	<0.005	0.008	0.01	1.3	1.6	2.27	184	0.19	0.05	0.1	3.4
454832		8.19	12.30	0.21	0.7	<0.005	0.063	<0.01	2.4	29.7	4.46	1520	0.33	1.03	2.1	156.5
454833		8.58	13.70	0.65	0.8	<0.005	0.064	<0.01	2.5	30.7	4.69	1340	0.19	1.30	2.3	169.5
454834		8.81	14.10	0.38	0.7	<0.005	0.063	<0.01	2.7	33.9	4.77	1460	0.18	1.33	1.6	169.5
454835		8.39	13.70	0.45	0.6	<0.005	0.067	<0.01	2.6	35.4	4.59	1460	0.18	1.16	1.1	165.5
454836		5.37	23.2	0.30	1.4	0.015	0.150	4.49	13.8	2.5	1.54	421	1.37	3.17	13.5	63.1
454837		8.34	14.50	0.60	0.7	<0.005	0.066	0.01	2.8	31.9	4.23	1400	0.22	1.37	1.1	130.5
454838		10.20	14.30	0.41	0.8	0.005	0.033	0.45	3.3	25.3	3.90	2080	0.26	1.58	1.3	86.9
454839		6.34	6.38	<0.05	0.5	<0.005	0.030	0.22	2.9	12.7	2.80	3110	0.73	0.14	1.0	27.6
454840		12.85	5.31	0.06	0.5	0.006	0.019	0.23	4.3	10.6	3.89	7520	0.70	0.02	1.2	31.1

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205962

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454821		320	2.5	0.3	<0.002	0.14	0.15	36.4	1	0.2	109.5	0.06	<0.05	0.26	0.187	<0.02
454822		300	2.3	0.4	<0.002	0.11	0.13	34.2	<1	0.2	102.0	0.06	<0.05	0.31	0.178	0.02
454823		320	3.1	0.2	0.002	0.12	0.18	35.1	1	0.2	117.0	0.06	<0.05	0.18	0.179	<0.02
454824		300	3.8	0.2	<0.002	0.12	0.15	35.7	1	0.2	117.5	0.05	<0.05	0.17	0.186	<0.02
454825		280	12.8	0.2	<0.002	0.23	0.50	31.9	1	0.2	123.5	0.05	<0.05	0.15	0.152	<0.02
454826		320	4.5	0.4	<0.002	0.10	0.17	37.9	1	0.2	131.5	0.08	<0.05	0.17	0.323	<0.02
454827		960	159.5	390	0.002	2.69	1.51	5.4	4	1.1	262	0.97	0.44	1.23	0.492	1.32
454828		350	5.8	0.7	0.002	0.08	0.18	37.8	1	0.2	143.0	0.08	<0.05	0.17	0.382	<0.02
454829		320	3.7	0.2	<0.002	0.15	0.16	37.3	<1	0.3	143.5	0.10	<0.05	0.18	0.472	<0.02
454830		330	2.8	0.2	0.002	0.10	0.15	37.9	1	0.3	127.5	0.12	<0.05	0.18	0.513	<0.02
454831		80	0.5	0.2	<0.002	<0.01	0.06	0.8	1	<0.2	82.6	<0.05	<0.05	0.07	0.012	<0.02
454832		300	5.5	0.2	0.002	0.09	0.37	30.5	1	0.4	153.5	0.13	<0.05	0.16	0.459	<0.02
454833		320	4.7	0.2	0.002	0.11	0.26	35.8	1	0.6	127.0	0.14	<0.05	0.18	0.554	<0.02
454834		330	4.0	0.2	<0.002	0.14	0.17	37.5	1	0.3	135.0	0.11	<0.05	0.18	0.453	<0.02
454835		310	3.7	0.1	0.002	0.09	0.20	36.7	<1	0.2	132.5	0.07	<0.05	0.17	0.301	<0.02
454836		870	175.5	500	0.003	3.27	1.79	5.1	4	1.1	245	0.77	0.88	1.61	0.453	1.79
454837		340	3.3	0.4	0.002	0.17	0.17	39.4	1	0.2	120.0	0.08	<0.05	0.20	0.232	<0.02
454838		340	2.9	12.3	0.002	1.61	0.15	39.3	1	0.3	87.1	0.08	0.06	0.20	0.243	0.37
454839		280	1.5	5.4	<0.002	0.59	0.07	12.1	<1	0.2	57.2	0.07	<0.05	0.41	0.066	0.15
454840		270	2.6	5.7	<0.002	4.18	0.10	6.5	1	0.2	93.3	0.09	0.10	0.68	0.044	0.18

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205962

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454821		<0.1	260	<0.1	5.3	95	28.1
454822		<0.1	251	<0.1	5.0	91	30.2
454823		<0.1	256	<0.1	4.7	92	28.3
454824		<0.1	263	<0.1	4.6	92	28.5
454825		<0.1	249	<0.1	5.4	99	20.4
454826		<0.1	293	0.1	5.7	93	21.5
454827		0.6	63	0.6	6.5	231	74.2
454828		<0.1	289	0.1	6.1	95	24.3
454829		<0.1	296	0.1	5.5	88	22.5
454830		0.1	299	0.2	10.0	90	32.0
454831		0.2	6	<0.1	2.4	5	1.7
454832		<0.1	255	0.2	16.1	87	23.0
454833		<0.1	292	0.1	17.3	91	25.5
454834		<0.1	303	0.1	8.3	95	31.3
454835		<0.1	286	0.2	6.9	95	21.4
454836		0.9	58	0.4	6.3	309	68.2
454837		<0.1	287	0.1	6.3	95	28.9
454838		0.1	296	0.1	5.4	93	31.4
454839		0.2	132	0.5	3.3	61	23.1
454840		0.3	117	0.1	3.2	57	23.1

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205962

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205967

Project: KAN

P.O. No.: KANDH17- 043

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

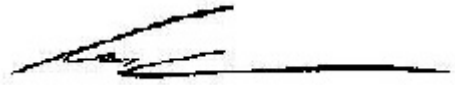
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205967

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454841		2.01	0.003	0.14	6.74	0.4	30	0.41	0.02	5.23	0.07	9.03	44.8	122	0.11	89.4
454842		<0.02	0.003	0.13	6.51	<0.2	50	0.44	0.03	5.69	0.09	8.30	44.7	115	0.12	81.4
454843		2.33	0.004	0.18	6.34	0.3	60	0.43	0.02	5.49	0.08	7.98	42.6	116	0.18	146.0
454844		2.14	0.003	0.23	6.28	0.7	50	0.31	<0.01	6.97	0.15	8.11	43.5	126	0.15	140.0
454845		1.98	0.006	0.22	6.42	0.3	20	0.30	<0.01	6.27	0.12	8.14	43.7	130	0.09	145.5
454846		2.52	0.004	0.15	6.92	0.5	70	0.38	<0.01	5.55	0.10	9.04	49.2	114	0.16	96.5
454847		0.11	1.325	1.04	8.21	108.0	120	4.49	2.66	2.28	2.75	26.1	17.7	63	2.57	62.8
454848		2.37	0.005	0.19	7.68	0.2	300	0.76	<0.01	5.62	0.12	8.96	52.7	159	0.49	130.5
454849		2.46	0.006	0.14	6.65	<0.2	60	0.32	<0.01	6.11	0.08	8.19	43.4	129	0.15	104.0
454850		2.30	0.002	0.18	6.75	6.7	80	0.25	<0.01	5.03	0.13	8.30	44.7	135	0.25	127.0
454851		0.23	<0.001	0.01	0.09	0.4	80	<0.05	0.01	19.95	0.03	1.21	0.8	1	0.31	1.8
454852		2.49	0.001	0.09	6.23	13.6	170	0.26	<0.01	5.90	0.08	8.22	46.2	129	0.50	80.5
454853		2.37	<0.001	0.11	8.33	0.2	790	0.97	0.01	4.35	0.08	10.50	52.8	197	2.15	121.0
454854		2.42	0.002	0.20	7.84	<0.2	620	0.72	0.02	5.39	0.07	12.15	46.5	167	1.94	169.0
454855		2.41	0.001	0.13	8.48	10.3	770	0.87	0.01	4.79	0.15	10.20	64.6	193	2.43	148.0
454856		0.11	8.50	1.77	8.41	120.5	210	3.85	3.57	2.11	4.11	29.3	18.4	60	2.71	114.5
454857		3.95	<0.001	0.64	7.95	4.0	790	0.99	0.05	2.98	0.15	13.20	36.3	170	2.37	229
454858		3.87	0.016	2.91	4.52	14.0	70	0.87	0.44	0.64	20.2	44.2	38.6	74	1.50	653
454859		2.85	0.027	2.17	4.90	13.2	100	1.02	0.33	0.34	13.50	47.5	21.4	83	1.74	573
454860		2.44	0.046	2.01	5.77	100.5	50	1.26	0.81	0.30	11.45	52.1	138.0	110	2.22	237

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205967

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454841		9.52	15.15	0.51	1.1	<0.005	0.059	0.12	3.2	42.3	3.87	1500	0.26	1.37	1.1	103.0
454842		9.10	14.70	0.40	0.9	<0.005	0.059	0.17	3.1	40.9	3.90	1680	0.26	1.36	1.1	116.5
454843		8.42	14.45	0.42	0.9	<0.005	0.069	0.24	2.8	34.9	3.47	1320	0.18	1.45	1.0	86.2
454844		8.35	15.30	0.13	0.7	<0.005	0.077	0.18	3.0	33.8	3.45	1380	0.19	1.46	1.0	76.6
454845		8.46	15.00	0.15	0.6	<0.005	0.062	0.07	3.0	33.3	3.68	1320	0.19	1.74	0.9	78.4
454846		9.01	16.50	0.14	1.2	0.006	0.072	0.23	3.4	39.0	4.28	1390	0.23	1.66	1.1	139.5
454847		5.28	24.9	0.18	1.6	0.008	0.102	4.16	11.5	2.7	1.72	456	1.35	3.58	14.5	68.4
454848		9.03	18.80	0.16	1.1	<0.005	0.086	0.89	3.3	40.3	3.73	1420	0.25	1.45	1.3	127.5
454849		8.55	16.05	0.13	0.7	<0.005	0.067	0.29	2.9	35.0	3.95	1520	0.17	1.81	1.2	85.7
454850		8.71	16.50	0.12	0.7	<0.005	0.071	0.65	3.0	31.7	3.91	1440	0.21	1.64	1.0	96.0
454851		0.14	0.25	0.12	<0.1	<0.005	<0.005	0.03	0.7	8.1	12.90	290	<0.05	0.03	0.1	1.6
454852		8.24	14.85	0.14	0.8	0.005	0.069	1.18	3.0	26.0	3.93	1480	0.22	0.79	1.3	104.0
454853		7.03	21.3	0.15	1.8	<0.005	0.101	3.86	3.8	15.9	2.42	1140	0.45	0.19	1.5	126.0
454854		7.48	19.20	0.16	2.0	<0.005	0.105	3.39	5.1	17.8	3.22	1480	1.45	0.24	2.2	83.7
454855		5.73	21.7	0.15	1.7	<0.005	0.105	4.30	3.6	15.0	2.52	1340	0.61	0.21	1.2	122.5
454856		5.61	26.6	0.17	1.6	0.009	0.168	4.73	15.1	2.8	1.66	455	1.48	3.32	14.1	68.0
454857		9.24	20.2	0.17	1.9	0.007	0.084	4.01	5.2	14.8	1.92	1160	2.23	0.13	1.0	103.5
454858		30.3	15.00	0.24	1.9	0.196	0.261	2.16	23.1	8.4	0.66	374	19.35	0.07	2.2	220
454859		26.8	15.80	0.24	1.8	0.161	0.162	2.27	25.7	10.8	0.68	314	14.00	0.09	2.6	187.5
454860		19.00	19.55	0.23	2.2	0.224	0.150	2.82	28.4	12.5	0.60	190	20.0	0.09	3.9	87.8

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205967

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454841		390	2.0	3.1	0.002	0.04	0.13	41.9	<1	0.4	80.3	0.08	<0.05	0.25	0.240	0.10
454842		360	2.0	4.4	0.002	0.04	0.11	40.4	<1	0.4	85.3	0.07	<0.05	0.25	0.248	0.16
454843		360	2.1	6.0	0.002	0.09	0.13	40.4	1	0.4	87.6	0.07	<0.05	0.20	0.242	0.23
454844		360	3.2	4.7	0.003	0.10	0.24	39.9	<1	0.3	104.5	0.07	<0.05	0.21	0.222	0.20
454845		350	2.8	1.9	<0.002	0.12	0.12	38.3	1	0.3	90.9	0.07	0.05	0.21	0.209	0.09
454846		430	2.4	5.4	0.002	0.03	0.12	38.1	<1	0.5	81.0	0.07	<0.05	0.26	0.224	0.19
454847		960	153.5	393	0.002	2.72	1.50	5.2	3	1.2	260	1.03	0.47	1.36	0.499	1.49
454848		430	2.6	19.5	0.002	0.07	0.10	46.7	1	0.7	84.8	0.09	<0.05	0.25	0.244	0.70
454849		390	3.1	7.1	<0.002	0.07	0.08	41.1	<1	0.4	83.6	0.09	<0.05	0.23	0.210	0.31
454850		360	3.9	15.6	<0.002	0.07	0.11	41.3	1	0.5	83.5	0.08	<0.05	0.21	0.211	0.75
454851		20	3.0	0.9	<0.002	<0.01	0.09	0.4	1	<0.2	167.5	<0.05	<0.05	0.06	0.005	0.06
454852		360	2.7	29.1	<0.002	0.15	0.10	36.2	1	0.5	94.1	0.08	<0.05	0.21	0.249	1.28
454853		530	3.0	74.4	0.002	1.24	0.10	53.1	1	1.0	87.9	0.07	0.18	0.28	0.249	2.66
454854		470	6.5	72.0	0.003	1.51	0.10	48.1	1	1.3	95.4	0.14	0.24	0.56	0.275	2.50
454855		520	3.0	76.0	0.003	1.16	0.08	56.7	1	1.0	78.9	0.07	0.11	0.28	0.306	2.90
454856		940	198.5	530	0.003	3.38	2.45	5.2	4	1.3	255	0.93	0.91	1.57	0.482	2.06
454857		500	6.2	94.7	0.004	4.09	0.20	49.5	3	2.0	68.8	0.06	0.40	0.49	0.245	3.82
454858		270	47.7	58.5	0.026	>10.0	2.34	11.5	11	6.5	25.1	0.12	1.05	3.22	0.086	2.81
454859		260	48.8	62.5	0.013	>10.0	1.78	9.2	9	3.3	18.0	0.15	0.86	4.02	0.093	2.97
454860		240	84.1	78.1	0.018	>10.0	4.05	11.3	7	3.9	18.3	0.23	2.30	5.02	0.135	4.07

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205967

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454841		0.1	318	0.1	5.6	125	46.4
454842		0.1	309	0.2	5.2	116	38.2
454843		<0.1	311	0.1	5.8	89	30.2
454844		<0.1	316	0.2	5.3	90	25.3
454845		<0.1	318	0.1	4.4	91	18.6
454846		0.1	322	0.2	4.2	104	42.4
454847		0.7	64	0.8	6.4	240	75.9
454848		0.1	377	0.2	5.1	102	43.9
454849		0.1	331	0.1	6.2	95	28.8
454850		<0.1	330	0.2	4.9	123	25.6
454851		0.1	5	0.2	0.6	9	0.9
454852		<0.1	304	0.2	4.0	153	29.8
454853		0.2	446	1.0	4.3	81	69.5
454854		0.8	391	0.7	5.5	90	76.9
454855		0.1	455	0.6	4.5	69	61.9
454856		0.9	62	0.5	6.6	329	75.3
454857		0.6	402	0.8	4.7	48	72.9
454858		7.0	146	0.8	5.8	3950	78.8
454859		5.7	134	0.9	5.6	2520	75.1
454860		7.6	165	1.2	8.3	2090	91.4

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Project: KAN

CERTIFICATE OF ANALYSIS VO17205967

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206036

Project: KAN

P.O. No.: KANDH17- 044

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

ANTOINE FECTEAU LEE SCHOLL	SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

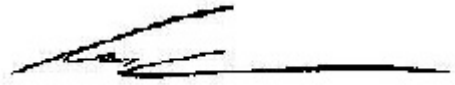
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17206036

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454861		2.62	0.053	1.97	5.74	88.1	60	1.23	0.64	0.33	8.73	45.0	103.0	122	2.30	245
454862		<0.02	0.042	1.94	5.83	83.9	70	1.25	0.63	0.32	8.49	45.4	97.0	120	2.33	225
454863		2.51	0.032	1.96	5.06	68.3	70	1.10	0.49	0.58	5.23	42.6	76.6	93	2.08	366
454864		5.27	0.037	2.18	4.97	69.5	90	1.12	0.54	0.76	5.41	44.2	60.1	97	2.03	393
454865		5.26	0.044	2.39	5.11	25.9	90	1.09	0.46	0.48	7.35	51.6	30.1	84	1.79	560
454866		5.25	0.009	2.34	4.70	6.9	70	1.01	0.35	0.67	8.11	46.1	9.4	82	1.72	590
454867		0.12	1.325	1.10	8.71	115.0	130	4.99	2.67	2.43	2.80	28.1	18.7	66	2.74	62.9
454868		5.47	0.033	2.29	4.98	46.1	80	0.98	0.71	0.95	9.50	48.8	60.1	85	1.82	487
454869		5.21	0.042	2.40	5.31	67.6	50	0.93	0.62	0.37	6.98	51.2	54.5	95	1.95	391
454870		5.57	0.042	1.76	4.99	89.5	60	0.87	0.39	0.38	5.11	42.3	46.4	91	1.91	335
454871		0.27	0.002	0.02	0.08	1.0	80	0.05	0.03	19.15	0.08	1.55	0.5	2	0.39	2.2
454872		5.08	0.036	1.59	5.19	88.5	50	1.08	0.31	0.87	7.56	53.8	38.1	90	2.35	283
454873		4.72	0.045	1.99	4.29	61.7	80	1.05	0.26	1.86	12.05	54.7	17.2	73	2.21	380
454874		4.30	0.052	1.95	3.91	55.6	110	1.04	0.30	1.74	18.35	56.0	17.5	65	2.01	483
454875		4.41	0.034	1.37	4.04	187.0	60	0.99	0.33	3.31	9.36	52.7	17.8	62	2.07	159.0
454876		0.12	8.49	1.66	8.20	117.5	210	3.49	3.53	2.06	4.13	28.5	17.2	62	2.68	110.0
454877		5.47	0.021	1.06	5.73	154.0	40	1.12	0.25	2.19	7.42	48.5	19.0	84	2.52	144.0
454878		4.58	0.028	1.14	7.26	139.5	50	1.27	0.26	0.43	4.88	49.6	21.0	88	2.87	150.0
454879		4.84	0.020	0.91	7.39	83.6	110	1.13	0.24	1.94	4.03	63.6	20.4	83	2.81	179.0
454880		4.52	0.026	1.11	8.40	48.5	190	1.15	0.26	0.46	3.14	58.2	27.7	93	3.20	165.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206036

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454861		19.25	19.05	0.22	2.2	0.228	0.130	2.92	23.1	12.2	0.60	216	16.65	0.09	3.9	87.6
454862		18.60	19.90	0.20	2.3	0.225	0.134	2.97	23.3	12.5	0.61	216	16.60	0.10	4.0	85.2
454863		20.6	16.80	0.20	2.0	0.172	0.100	2.49	22.4	11.4	0.67	377	15.80	0.09	3.6	114.5
454864		22.2	16.65	0.22	1.9	0.204	0.083	2.43	22.9	11.4	0.76	476	16.50	0.12	3.7	126.0
454865		26.2	15.95	0.24	1.9	0.089	0.087	2.30	28.0	12.1	0.77	351	14.25	0.09	2.8	164.5
454866		26.6	14.40	0.21	1.7	0.095	0.104	2.16	25.5	10.5	0.79	439	15.20	0.09	2.2	181.0
454867		5.41	26.8	0.17	1.7	0.010	0.097	4.31	12.6	2.8	1.83	479	1.37	3.70	15.0	73.1
454868		24.6	15.35	0.23	1.8	0.182	0.106	2.27	26.8	11.8	0.91	493	15.10	0.09	3.5	138.0
454869		24.1	16.45	0.24	2.0	0.167	0.093	2.35	27.8	14.6	0.92	339	14.55	0.07	4.1	115.0
454870		22.6	16.10	0.23	1.9	0.159	0.159	2.34	21.2	14.2	0.83	330	14.00	0.06	4.4	134.5
454871		0.23	0.26	0.10	<0.1	<0.005	<0.005	0.04	0.9	16.2	12.75	279	0.30	0.03	0.2	1.0
454872		19.20	15.50	0.24	2.1	0.165	0.162	2.29	30.6	13.4	0.96	551	44.4	0.07	4.7	133.0
454873		15.80	11.40	0.25	2.1	0.156	0.123	1.88	33.4	10.7	1.14	991	89.1	0.05	6.0	213
454874		15.10	10.30	0.28	2.2	0.198	0.097	1.47	35.9	10.0	1.09	1160	120.5	0.04	5.6	240
454875		15.50	10.25	0.23	1.6	0.320	0.066	1.82	32.5	9.6	1.74	984	65.8	0.07	6.7	210
454876		5.51	25.9	0.15	1.6	0.018	0.173	4.74	14.2	2.5	1.62	446	1.67	3.33	13.4	64.7
454877		14.20	14.70	0.23	1.9	0.284	0.120	2.76	28.8	11.3	1.10	511	38.7	0.11	5.6	192.5
454878		14.35	19.10	0.25	2.5	0.255	0.115	3.53	27.7	10.7	0.40	85	29.5	0.12	8.6	211
454879		12.50	20.1	0.22	3.5	0.166	0.130	3.37	37.3	10.1	1.00	304	21.9	0.29	8.8	161.5
454880		10.80	21.6	0.16	3.5	0.131	0.110	3.91	34.3	12.8	0.63	95	15.20	0.17	8.0	125.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206036

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454861		230	73.3	73.9	0.013	>10.0	3.44	10.8	6	3.7	20.0	0.23	2.01	4.50	0.139	3.95
454862		250	72.0	75.7	0.015	>10.0	3.35	11.0	6	3.8	19.9	0.23	2.02	4.57	0.142	4.01
454863		330	62.9	63.3	0.017	>10.0	2.63	9.3	8	3.0	27.5	0.21	1.45	3.69	0.119	3.47
454864		300	73.2	63.7	0.012	>10.0	2.87	9.1	8	3.0	32.0	0.22	1.60	3.81	0.119	3.37
454865		310	63.6	64.0	0.017	>10.0	2.21	9.3	9	3.3	24.1	0.16	0.98	4.24	0.097	3.05
454866		380	49.3	58.6	0.015	>10.0	2.37	8.5	7	2.8	29.7	0.13	0.86	3.76	0.088	2.78
454867		1020	170.5	421	<0.002	2.83	1.59	5.6	4	1.3	276	1.12	0.45	1.42	0.527	1.54
454868		380	68.2	63.5	0.014	>10.0	3.65	9.4	8	3.3	36.8	0.21	1.62	3.86	0.109	3.05
454869		360	78.6	65.9	0.018	>10.0	3.49	9.5	9	4.0	19.3	0.27	2.34	4.54	0.118	3.23
454870		350	101.0	57.2	0.018	>10.0	3.97	8.8	7	3.2	17.0	0.28	2.20	3.45	0.117	3.22
454871		30	4.9	1.6	<0.002	0.07	0.20	0.2	1	<0.2	135.5	<0.05	<0.05	0.15	0.005	0.08
454872		740	64.1	62.9	0.034	>10.0	3.23	9.6	12	3.0	28.6	0.33	1.30	4.08	0.118	3.21
454873		1540	71.4	53.3	0.065	>10.0	3.34	7.9	16	1.6	48.6	0.41	0.65	4.03	0.122	2.87
454874		2090	83.7	42.2	0.101	>10.0	2.92	7.1	22	1.5	46.0	0.39	0.52	4.19	0.116	2.55
454875		620	102.5	51.1	0.063	>10.0	8.80	7.6	17	1.1	61.2	0.57	0.57	3.89	0.140	3.07
454876		930	173.5	510	0.004	3.34	1.85	4.8	3	1.3	253	0.87	0.89	1.47	0.476	2.01
454877		370	85.8	72.6	0.045	>10.0	5.39	9.0	11	1.4	45.9	0.34	0.48	3.91	0.156	4.69
454878		230	91.9	83.9	0.037	>10.0	5.83	10.9	8	1.6	27.4	0.55	0.61	5.00	0.181	5.78
454879		210	66.7	82.8	0.027	>10.0	3.46	12.6	8	1.9	50.9	0.61	0.55	5.62	0.183	5.02
454880		220	48.6	89.6	0.018	9.29	3.23	16.7	4	2.1	30.5	0.46	0.50	4.76	0.280	4.98

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206036

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454861		7.0	157	1.2	7.6	1560	91.9
454862		6.9	159	1.2	7.8	1490	93.2
454863		6.5	144	1.0	7.3	902	82.3
454864		6.6	146	1.0	7.7	949	81.6
454865		5.8	137	0.9	6.4	1300	80.5
454866		6.1	126	0.8	6.3	1460	74.0
454867		0.7	68	0.6	6.6	252	79.2
454868		6.2	134	0.8	7.9	1660	77.6
454869		6.1	152	0.9	8.0	1300	83.0
454870		5.9	141	0.8	7.9	1190	79.3
454871		0.3	2	0.2	0.7	23	2.0
454872		17.1	451	1.5	17.0	1520	89.5
454873		38.3	787	1.9	26.2	2120	88.0
454874		52.6	1110	2.4	36.1	3070	89.8
454875		30.2	763	2.2	18.5	1590	68.9
454876		0.9	62	0.5	6.3	346	74.1
454877		22.5	455	1.9	11.7	1480	84.6
454878		21.9	352	1.7	9.6	1010	106.0
454879		15.2	251	1.5	10.8	866	140.0
454880		13.2	184	1.3	10.3	576	135.0

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Project: KAN

CERTIFICATE OF ANALYSIS VO17206036

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206050

Project: KAN

P.O. No.: KANDH17- 046

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

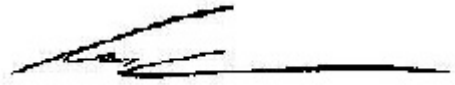
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17206050

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
457401		2.66	<0.001	0.01	6.08	0.8	<10	0.15	0.01	3.65	0.09	7.62	98.0	353	0.12	10.1
457402		<0.02	0.009	0.01	5.26	3.9	<10	0.17	<0.01	3.71	0.09	7.68	101.0	339	0.10	11.2
457403		2.46	<0.001	0.02	2.82	21.6	<10	0.26	0.01	6.54	0.18	5.78	108.5	490	0.22	71.6
457404		2.13	<0.001	0.02	6.01	1.1	20	0.30	<0.01	5.10	0.12	15.90	72.3	272	0.43	33.0
457405		2.52	<0.001	0.01	7.33	2.2	10	0.29	0.01	5.72	0.07	7.26	68.7	268	0.15	5.9
457406		2.06	<0.001	0.02	6.38	9.9	<10	0.17	0.01	5.89	0.09	4.61	81.9	253	0.11	18.4
457407		0.10	1.345	1.04	8.02	101.5	120	4.80	2.92	2.25	2.89	26.6	19.1	60	2.65	63.4
457408		2.42	<0.001	0.03	7.18	9.0	10	0.24	0.01	6.20	0.12	3.95	63.4	260	0.09	50.8
457409		2.32	0.002	0.05	7.92	6.2	10	0.22	<0.01	7.09	0.20	4.82	51.2	413	0.09	127.0
457410		2.85	0.006	0.04	6.80	0.3	10	0.20	<0.01	7.56	0.18	5.45	53.8	533	0.13	98.5
457411		0.21	<0.001	0.02	0.11	<0.2	10	0.06	<0.01	33.2	0.02	1.10	0.7	3	<0.05	1.5
457412		2.52	<0.001	0.04	7.81	0.4	10	0.20	<0.01	8.22	0.14	5.14	46.6	501	0.09	89.4
457413		2.52	0.003	0.06	7.41	0.2	10	0.19	<0.01	8.33	0.13	5.60	43.6	529	0.12	101.0
457414		2.58	<0.001	0.05	7.94	0.5	10	0.26	<0.01	8.56	0.20	5.54	43.4	501	0.10	129.5
457415		2.51	<0.001	0.05	8.25	0.7	10	0.17	<0.01	9.01	0.21	5.62	46.0	535	0.12	147.5
457416		0.13	8.42	1.75	8.20	108.0	200	3.83	3.54	2.08	4.64	28.9	19.0	60	2.83	118.0
457417		2.72	0.003	0.07	8.14	0.4	10	0.16	<0.01	8.31	0.19	6.22	44.2	446	0.13	164.5
457418		2.43	0.006	0.05	8.05	0.7	10	0.22	<0.01	8.12	0.16	6.25	41.3	317	0.08	157.5
457419		2.32	<0.001	0.06	7.64	0.8	10	0.26	<0.01	8.21	0.19	6.68	40.8	333	0.05	135.5
457420		2.47	<0.001	0.05	7.94	0.8	10	0.25	<0.01	8.16	0.21	7.38	41.8	212	0.08	132.0

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QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206050

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
457401		10.60	13.20	0.13	0.7	<0.005	0.042	0.02	2.9	29.2	10.75	1510	0.41	0.09	2.2	706
457402		10.50	12.95	0.13	0.7	<0.005	0.040	0.01	2.9	27.9	10.55	1460	0.54	0.08	2.3	720
457403		8.88	6.68	0.08	0.8	<0.005	0.031	0.01	2.1	4.7	11.40	1400	0.41	0.03	2.1	859
457404		9.00	12.30	0.10	1.6	0.007	0.065	0.12	5.6	15.5	8.77	1330	0.54	1.17	4.8	485
457405		7.82	16.35	0.11	0.6	0.007	0.051	0.05	2.6	20.0	6.76	1220	0.23	1.54	2.6	383
457406		8.20	13.90	0.12	0.4	<0.005	0.043	0.02	1.6	22.1	7.89	1340	0.16	0.76	1.7	466
457407		5.11	25.3	0.15	1.7	0.013	0.105	4.03	11.9	2.8	1.69	441	1.43	3.47	15.1	71.2
457408		6.87	14.25	0.10	0.3	<0.005	0.040	0.02	1.4	16.6	5.99	1140	0.16	1.36	1.6	336
457409		6.46	15.20	0.11	0.4	<0.005	0.044	0.03	1.8	12.5	5.08	1080	0.21	1.64	1.7	234
457410		6.97	14.20	0.12	0.4	0.008	0.053	0.06	1.9	10.5	5.55	1200	0.20	1.09	1.9	225
457411		0.21	0.26	0.15	<0.1	<0.005	0.005	0.01	1.4	1.0	2.12	179	<0.05	0.04	0.1	1.0
457412		6.48	15.45	0.08	0.4	<0.005	0.053	0.04	1.8	9.5	4.76	1140	0.19	1.43	1.8	178.0
457413		6.67	14.05	0.07	0.4	<0.005	0.053	0.05	2.0	9.2	4.99	1200	0.17	1.12	1.9	173.5
457414		6.57	14.80	0.07	0.4	0.007	0.056	0.04	2.0	8.4	4.89	1180	0.20	1.29	1.8	156.5
457415		7.01	15.80	0.08	0.4	<0.005	0.055	0.06	2.0	8.6	5.27	1280	0.23	1.37	1.9	160.0
457416		5.57	26.4	0.12	1.6	0.024	0.186	4.76	13.7	2.4	1.61	432	1.58	3.38	14.9	68.7
457417		6.82	15.30	0.09	0.5	<0.005	0.058	0.05	2.2	9.0	4.82	1210	0.21	1.22	2.0	147.5
457418		6.68	16.00	0.08	0.5	0.010	0.056	0.03	2.3	8.5	4.17	1160	0.23	1.26	2.2	126.0
457419		6.71	16.40	0.08	0.5	<0.005	0.064	0.02	2.4	8.0	4.18	1220	0.20	1.34	2.4	108.5
457420		7.23	16.95	0.08	0.5	<0.005	0.059	0.03	2.7	8.5	4.51	1320	0.23	1.54	2.5	93.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206050

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
457401		290	3.0	0.5	0.003	0.03	0.40	13.2	<1	0.6	24.4	0.15	<0.05	0.20	0.346	<0.02
457402		260	3.0	0.3	0.004	0.02	0.42	10.2	<1	0.5	21.2	0.13	<0.05	0.15	0.339	<0.02
457403		270	1.8	0.3	0.003	0.22	0.66	15.9	1	0.5	2.1	0.14	<0.05	0.18	0.338	<0.02
457404		620	2.6	4.6	0.004	0.04	0.58	25.3	1	0.8	25.5	0.33	<0.05	0.47	0.664	0.04
457405		300	4.7	1.0	0.002	<0.01	0.60	15.9	<1	0.6	89.4	0.17	<0.05	0.20	0.411	<0.02
457406		200	3.8	0.5	0.003	<0.01	0.52	13.8	<1	0.4	78.8	0.11	<0.05	0.11	0.308	<0.02
457407		930	156.0	375	0.003	2.71	1.57	5.4	4	1.3	252	1.11	0.51	1.36	0.481	1.49
457408		190	4.6	0.4	0.002	0.01	0.52	14.1	<1	0.4	96.0	0.10	<0.05	0.10	0.305	<0.02
457409		210	4.4	0.6	0.004	0.03	0.62	18.0	<1	0.4	109.5	0.12	<0.05	0.13	0.360	<0.02
457410		220	4.1	1.2	0.002	0.09	0.65	25.0	1	0.5	102.5	0.12	<0.05	0.13	0.400	0.02
457411		70	<0.5	0.3	<0.002	<0.01	0.07	0.3	1	<0.2	83.8	<0.05	<0.05	0.07	0.007	<0.02
457412		210	4.6	0.7	0.003	0.07	0.73	32.0	<1	0.4	122.0	0.12	0.05	0.13	0.408	<0.02
457413		240	4.1	0.9	0.002	0.07	0.65	33.3	1	0.5	102.5	0.13	<0.05	0.15	0.413	<0.02
457414		220	4.0	0.8	0.004	0.07	0.68	39.7	1	0.5	106.0	0.12	0.05	0.15	0.418	<0.02
457415		240	4.1	1.0	0.004	0.06	0.64	40.3	<1	0.5	110.0	0.12	0.05	0.14	0.435	<0.02
457416		890	177.0	480	0.005	3.35	2.13	5.2	3	1.3	248	0.94	0.91	1.56	0.477	2.09
457417		240	3.7	1.5	0.004	0.08	0.63	42.7	1	0.5	102.5	0.13	<0.05	0.16	0.470	0.02
457418		270	3.7	0.5	0.003	0.11	0.65	37.4	1	0.5	108.0	0.13	<0.05	0.16	0.476	<0.02
457419		290	4.0	0.3	0.003	0.06	0.65	38.8	1	0.5	109.5	0.15	<0.05	0.17	0.496	<0.02
457420		280	4.5	0.4	0.002	0.04	0.70	41.8	1	0.5	113.0	0.17	<0.05	0.20	0.494	<0.02

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206050

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
457401		0.1	163	0.1	13.4	238	21.8
457402		0.1	163	0.1	13.0	236	23.5
457403		0.1	139	0.1	10.2	149	26.9
457404		0.1	266	0.2	27.9	154	50.5
457405		0.1	188	0.1	14.4	105	18.5
457406		<0.1	164	0.1	9.6	99	12.0
457407		0.7	61	0.6	6.7	230	78.9
457408		0.1	158	0.1	8.5	74	9.2
457409		0.1	189	0.1	10.9	63	10.8
457410		0.1	232	0.1	12.8	68	10.9
457411		0.1	2	0.1	2.1	3	1.8
457412		0.1	228	0.1	12.4	62	10.1
457413		0.1	236	0.1	13.3	65	11.6
457414		<0.1	240	0.1	13.5	64	10.0
457415		<0.1	257	0.1	13.9	71	10.0
457416		1.0	60	0.5	6.8	332	75.8
457417		0.1	258	0.1	15.4	69	12.0
457418		0.1	256	0.1	15.5	66	12.5
457419		0.1	271	0.2	16.5	70	13.5
457420		0.1	275	0.2	17.8	79	14.2

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Project: KAN

CERTIFICATE OF ANALYSIS VO17206050

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206052

Project: KAN

P.O. No.: KANDH17- 050

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

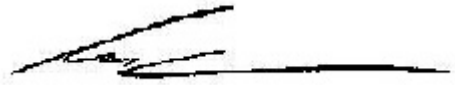
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 14- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17206052

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
457481		2.12	<0.001	0.04	5.08	0.3	280	1.75	0.09	0.61	0.11	43.8	15.2	55	13.25	13.6
457482		<0.02	<0.001	0.02	4.62	<0.2	250	1.55	0.10	0.71	0.13	37.8	14.0	49	11.70	15.6
457483		2.26	<0.001	0.02	6.07	<0.2	320	1.99	0.11	0.97	0.09	52.2	16.7	67	11.90	39.3
457484		2.14	0.001	0.12	6.33	2.1	190	0.83	0.03	5.19	0.35	9.28	47.5	105	0.72	131.0
457485		2.26	0.001	0.17	6.54	0.3	70	0.50	0.05	6.01	0.26	8.71	47.6	120	0.27	158.5
457486		2.50	0.001	0.18	6.96	0.3	40	0.44	0.05	6.06	0.23	8.79	49.2	128	0.17	169.5
457487		0.12	1.335	1.14	8.12	100.5	120	4.80	2.74	2.26	2.68	24.6	18.1	62	2.56	62.5
457488		2.38	0.002	0.14	6.90	0.2	<10	0.48	0.03	5.94	0.17	8.71	46.2	130	0.12	135.0
457489		2.45	0.002	0.15	6.57	<0.2	<10	0.51	0.03	6.24	0.15	8.42	44.4	121	0.10	143.5
457490		2.32	0.002	0.13	6.71	1.3	10	0.36	0.03	6.43	0.22	8.87	48.8	118	0.13	171.0
457491		0.23	<0.001	<0.01	0.08	<0.2	10	0.07	0.01	32.6	0.02	0.92	0.9	1	<0.05	2.3
457492		2.56	<0.001	0.14	6.69	<0.2	40	0.44	0.02	5.54	0.20	7.95	46.5	116	0.17	149.5
457493		2.27	0.001	0.14	6.78	0.3	40	0.39	0.01	5.55	0.46	10.50	47.9	111	0.21	147.5
457494		2.24	<0.001	0.14	6.79	2.9	110	0.58	0.01	5.61	0.11	10.20	46.8	118	0.35	109.0
457495		2.34	<0.001	0.20	6.19	1.1	260	1.13	0.02	5.29	0.10	8.87	42.9	140	0.69	197.0
457496		0.11	8.51	1.73	8.41	111.5	210	3.67	3.70	2.07	3.95	28.4	19.2	60	2.62	111.5
457497		2.27	<0.001	0.40	5.10	0.8	50	0.51	0.02	5.07	0.11	10.60	38.9	103	0.24	102.5
457498		2.31	0.003	0.31	6.15	1.5	60	0.44	0.01	3.98	0.11	10.20	53.0	131	0.21	162.0
457499		2.50	<0.001	0.16	7.40	5.0	700	1.34	0.01	4.88	0.11	9.70	55.4	168	0.97	94.3
457500		1.77	<0.001	0.38	4.83	<0.2	440	1.11	0.02	7.68	0.18	9.48	36.2	88	0.89	119.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206052

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
457481		13.70	13.85	0.10	1.7	<0.005	0.029	2.38	21.6	28.0	1.52	11800	0.78	0.01	5.6	21.7
457482		13.20	12.55	0.09	1.6	<0.005	0.024	2.13	17.4	25.8	1.45	11900	1.00	0.01	5.0	19.8
457483		13.35	15.90	0.11	2.1	<0.005	0.037	2.16	26.3	29.6	1.75	10300	0.58	0.18	6.5	30.5
457484		8.66	16.20	0.07	0.9	<0.005	0.069	1.33	3.5	19.8	3.86	3170	0.27	0.86	2.8	102.0
457485		8.68	16.60	0.07	0.8	<0.005	0.072	0.50	3.2	22.1	4.03	1640	0.21	1.55	2.8	106.0
457486		9.10	16.30	0.07	1.2	<0.005	0.076	0.24	3.2	23.8	4.25	1420	0.22	1.82	2.6	114.5
457487		5.19	25.1	0.10	1.7	0.011	0.100	4.07	10.8	2.7	1.69	454	1.38	3.51	14.4	69.8
457488		9.05	16.25	0.07	1.0	<0.005	0.067	0.03	3.2	26.6	4.23	1410	0.23	1.72	2.4	108.0
457489		8.73	15.75	0.06	0.8	0.005	0.066	0.02	3.1	25.0	4.02	1430	0.20	1.60	2.3	99.8
457490		8.85	16.20	0.06	1.1	<0.005	0.074	0.08	3.2	25.3	4.25	1520	0.20	1.60	2.2	115.0
457491		0.23	0.30	0.07	<0.1	<0.005	<0.005	0.01	1.1	1.1	2.21	162	<0.05	0.03	0.1	1.0
457492		8.78	14.70	0.05	0.8	<0.005	0.069	0.40	2.9	24.3	4.64	1880	0.22	1.33	1.5	133.0
457493		9.15	14.55	0.05	0.8	<0.005	0.062	0.56	3.9	24.1	4.79	2180	0.22	1.15	1.1	143.0
457494		8.78	14.85	<0.05	1.3	<0.005	0.064	1.25	3.4	20.2	4.77	1400	0.26	0.92	1.7	120.0
457495		9.85	14.85	0.05	1.3	<0.005	0.067	1.55	3.4	21.1	4.98	2080	0.33	0.10	1.8	96.5
457496		5.67	24.8	0.13	1.6	0.017	0.166	4.77	14.3	2.3	1.64	453	1.61	3.36	15.0	69.8
457497		12.50	12.55	0.08	1.0	0.008	0.043	0.32	4.4	25.6	5.95	3110	0.25	0.37	1.2	103.5
457498		9.54	15.45	0.08	1.1	<0.005	0.071	0.18	3.5	34.9	6.12	1340	0.23	1.28	1.6	176.5
457499		9.19	18.65	0.08	1.4	<0.005	0.090	2.24	3.2	21.0	3.34	1920	0.26	1.48	3.6	141.5
457500		11.05	12.05	0.08	0.9	<0.005	0.059	1.79	3.9	16.8	4.52	3830	0.33	0.07	1.4	96.4

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CERTIFICATE OF ANALYSIS VO17206052

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
457481		430	1.7	133.5	<0.002	0.09	0.11	7.5	1	0.9	33.8	0.42	<0.05	6.91	0.190	1.28
457482		380	1.7	120.0	<0.002	0.11	0.09	6.7	<1	0.8	37.6	0.36	<0.05	6.02	0.169	1.10
457483		340	1.9	120.5	<0.002	0.19	0.09	9.7	1	1.2	35.7	0.51	0.05	8.05	0.247	1.94
457484		340	4.7	33.1	<0.002	0.05	0.07	40.1	1	0.7	90.5	0.17	<0.05	0.25	0.596	0.35
457485		350	6.9	12.9	0.002	0.09	0.11	40.8	<1	0.9	110.5	0.18	<0.05	0.25	0.607	0.13
457486		350	8.0	5.7	0.003	0.11	0.09	42.1	<1	0.7	123.0	0.17	<0.05	0.24	0.628	0.07
457487		970	152.0	353	0.002	2.74	1.55	5.1	4	1.2	264	1.06	0.51	1.49	0.498	1.53
457488		360	4.7	0.8	0.002	0.11	0.12	39.7	<1	0.4	116.5	0.16	<0.05	0.25	0.616	0.03
457489		340	4.3	0.4	0.002	0.12	0.10	39.5	1	0.3	119.5	0.16	<0.05	0.23	0.594	0.02
457490		350	4.4	1.8	<0.002	0.12	0.10	41.7	1	0.5	120.0	0.15	<0.05	0.23	0.583	0.03
457491		80	0.7	0.2	<0.002	<0.01	0.07	0.3	1	<0.2	76.1	<0.05	<0.05	0.05	0.007	<0.02
457492		350	4.6	8.1	0.002	0.08	0.11	40.2	1	0.4	88.3	0.10	<0.05	0.19	0.424	0.09
457493		350	4.9	10.6	0.002	0.08	0.07	38.8	1	0.2	69.5	0.08	<0.05	0.20	0.360	0.13
457494		420	3.2	25.8	<0.002	0.11	0.10	40.5	1	0.5	104.0	0.11	<0.05	0.23	0.458	0.37
457495		430	2.6	36.6	0.002	1.05	0.11	40.9	1	1.1	138.0	0.10	0.11	0.26	0.352	0.67
457496		930	199.5	510	0.003	3.34	2.00	5.4	3	1.2	263	0.88	0.91	1.43	0.488	1.91
457497		390	2.8	6.9	<0.002	1.84	0.07	31.7	1	0.5	112.5	0.06	0.17	0.21	0.167	0.14
457498		350	2.6	3.0	0.002	0.04	0.08	26.0	1	0.3	99.0	0.10	<0.05	0.22	0.316	0.08
457499		450	2.2	31.5	0.002	0.17	0.08	42.0	1	0.8	125.5	0.22	<0.05	0.21	0.785	0.77
457500		300	2.9	37.5	<0.002	1.96	0.08	29.4	2	0.7	194.0	0.08	0.21	0.21	0.264	0.70

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206052

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
457481		1.2	56	0.8	4.7	57	67.7
457482		1.1	52	0.7	4.4	55	63.5
457483		1.4	77	0.9	5.1	66	77.9
457484		0.2	313	0.8	5.3	127	39.8
457485		0.1	318	0.4	6.1	112	29.2
457486		<0.1	334	0.6	6.0	110	31.6
457487		0.6	62	0.6	6.1	235	74.8
457488		0.1	333	0.4	6.4	104	35.5
457489		0.1	326	0.2	6.6	97	27.5
457490		0.1	324	0.2	7.0	100	28.0
457491		0.1	3	<0.1	2.0	5	1.5
457492		0.1	318	0.2	5.9	111	41.6
457493		0.1	312	0.3	6.6	211	32.8
457494		0.1	323	1.7	3.6	113	47.9
457495		0.2	319	2.8	4.9	145	51.6
457496		0.9	62	0.5	6.7	343	74.6
457497		0.2	249	0.7	4.5	153	39.0
457498		0.1	324	0.7	4.0	151	39.4
457499		0.1	410	0.6	4.9	121	55.0
457500		0.2	236	1.4	4.7	119	35.0

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CERTIFICATE OF ANALYSIS VO17206052

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2017
Cette copie a fait un rapport sur
26- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17206061

Projet: KAN

Bon de commande #: KANDH17- 051

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 22- SEPT- 2017.

Les résultats sont transmis à:

ANTOINE FECTEAU CORPORATIF WEBTREIVE	CHARLES GAUMOND	PASCAL SIMARD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Commentaire: **Corrected copy for Au- ICP21 on samples 457517 to 457520**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 16- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206061

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
457501		3.29	0.040	1.56	4.12	10.0	80	1.36	0.35	1.66	3.50	61.4	18.9	64	1.61	402
457502		<0.02	0.015	1.65	4.29	10.3	160	1.50	0.37	1.74	3.63	62.2	19.3	68	1.61	452
457503		2.34	0.047	1.87	4.37	12.8	140	1.31	0.24	2.98	12.25	57.1	23.2	67	1.86	306
457504		2.08	0.071	3.24	2.37	3.9	110	0.91	0.30	1.57	13.85	40.8	4.5	46	1.27	371
457505		2.31	0.046	2.52	1.41	6.5	50	0.47	0.29	3.03	7.30	47.6	12.2	34	0.64	329
457506		2.29	0.071	2.86	3.41	10.6	90	1.39	0.39	1.26	23.3	52.0	20.0	57	1.62	286
457507		0.11	1.320	1.19	8.45	117.0	120	4.97	3.31	2.32	2.72	25.8	20.6	62	2.65	67.6
457508		2.33	0.087	2.79	1.60	7.4	80	0.68	0.50	3.57	21.8	42.7	14.8	39	0.92	330
457509		2.61	0.031	1.65	4.80	12.6	110	1.67	0.34	1.83	10.45	52.7	29.7	64	2.29	250
457510		2.66	0.023	1.87	4.44	10.1	140	1.65	0.56	1.65	5.36	50.1	28.5	58	1.90	287
457511		0.21	<0.001	0.05	0.07	0.6	70	<0.05	0.05	17.25	0.05	1.81	0.8	1	0.43	2.5
457512		2.30	0.009	0.98	7.48	9.3	150	2.38	0.30	1.00	0.27	67.1	28.5	78	2.63	232
457513		2.21	<0.001	0.69	8.42	2.9	310	2.58	0.16	0.62	0.12	64.4	9.2	83	2.75	259
457514		1.93	<0.001	0.51	8.91	2.2	360	2.94	0.15	0.15	0.08	71.3	7.1	88	2.87	175.0
457515		1.60	0.003	1.15	5.95	4.4	160	2.00	0.46	1.14	0.12	55.1	18.5	70	2.08	232
457516		0.11	8.57	1.64	8.56	111.0	210	3.91	3.19	2.06	3.94	28.0	19.1	58	2.62	110.0
457517		3.40	0.009	1.24	3.21	9.4	120	1.01	0.55	5.63	0.15	35.2	39.9	52	1.01	263
457518		1.19	<0.001	0.18	0.12	<0.2	<10	0.13	0.04	6.85	0.07	9.52	2.4	7	<0.05	35.2
457519		2.03	<0.001	0.24	0.08	0.2	<10	0.17	0.04	5.62	0.08	9.99	3.8	11	<0.05	51.1
457520		2.06	<0.001	0.03	0.08	<0.2	<10	0.15	0.01	1.77	0.08	5.25	1.7	8	<0.05	2.1

Commentaire: **Corrected copy for Au- ICP21 on samples 457517 to 457520**

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206061

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
457501		19.55	12.30	0.15	3.0	0.026	0.046	2.06	33.9	8.1	1.02	1030	52.3	0.06	9.5	248
457502		21.1	12.45	0.15	3.0	0.027	0.051	2.10	34.7	8.5	1.07	1090	54.4	0.06	10.5	268
457503		15.25	11.30	0.15	2.4	0.096	0.090	2.17	34.3	8.6	1.50	1570	83.4	0.06	8.5	181.5
457504		19.15	6.48	0.18	1.2	0.095	0.098	1.18	26.4	5.1	0.75	1010	110.0	0.03	3.7	266
457505		18.10	4.25	0.17	1.9	0.063	0.050	0.51	30.6	3.0	1.47	1800	127.0	0.06	5.5	242
457506		15.25	9.07	0.16	1.9	0.136	0.147	1.62	33.0	6.9	0.72	772	125.5	0.07	6.2	195.5
457507		5.44	25.2	0.13	1.7	0.010	0.109	4.28	12.7	2.8	1.77	473	1.53	3.64	16.2	76.6
457508		16.75	4.72	0.17	1.1	0.109	0.182	0.77	27.4	3.8	1.55	2330	112.5	0.03	3.6	222
457509		14.55	12.45	0.17	2.2	0.072	0.099	2.42	32.8	12.4	1.03	1080	75.1	0.07	6.0	176.0
457510		17.40	11.55	0.18	2.0	0.038	0.058	2.15	30.6	8.6	0.90	878	91.7	0.07	4.8	222
457511		0.42	0.32	0.11	0.1	<0.005	<0.005	0.04	1.1	22.5	12.90	296	2.04	0.03	0.2	10.7
457512		13.95	19.75	0.18	3.6	0.013	0.038	3.73	38.5	13.2	0.85	561	43.5	0.13	6.5	164.0
457513		12.20	22.5	0.18	4.1	0.013	0.047	4.25	36.9	14.8	0.68	306	12.95	0.14	7.3	147.0
457514		10.50	23.4	0.20	4.4	0.013	0.048	4.43	40.0	16.6	0.54	77	11.95	0.14	12.2	115.5
457515		17.65	17.70	0.16	3.5	0.006	0.044	2.91	31.4	12.2	0.96	500	14.95	0.10	5.0	170.0
457516		5.69	24.5	0.16	1.6	0.012	0.158	4.84	14.4	2.6	1.61	445	1.47	3.36	14.6	65.4
457517		19.30	10.40	0.12	1.5	0.012	0.032	1.37	19.1	6.0	2.88	1790	13.75	0.08	5.0	154.5
457518		11.20	0.64	0.05	0.1	0.005	0.019	0.02	5.3	1.8	3.77	4120	0.95	0.01	0.6	10.3
457519		14.10	0.48	0.05	0.1	<0.005	0.026	0.01	5.5	1.7	3.91	5020	0.82	<0.01	0.6	17.3
457520		12.75	0.46	<0.05	<0.1	<0.005	<0.005	<0.01	3.1	1.5	1.96	3030	0.49	<0.01	0.6	2.0

Commentaire: **Corrected copy for Au- ICP21 on samples 457517 to 457520**

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206061

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
457501		1060	32.1	48.5	0.039	>10.0	1.45	10.0	11	2.0	52.0	0.50	0.46	4.40	0.140	1.77
457502		1110	35.2	49.1	0.039	>10.0	1.51	10.1	12	2.1	53.4	0.56	0.43	4.36	0.160	1.72
457503		1600	53.2	50.2	0.064	8.93	2.61	9.1	15	1.4	86.8	0.50	0.29	3.94	0.143	1.94
457504		1530	88.7	31.0	0.094	>10.0	4.34	5.4	22	0.9	49.1	0.25	0.36	2.81	0.074	1.34
457505		3070	81.8	14.6	0.083	>10.0	3.38	3.9	20	0.5	111.5	0.42	0.44	2.87	0.053	0.68
457506		1800	83.6	40.3	0.099	9.40	3.80	6.6	19	1.2	48.8	0.38	0.60	3.91	0.095	1.71
457507		1000	155.0	384	0.002	2.87	1.75	5.7	4	1.2	275	1.05	0.57	1.30	0.515	1.47
457508		3210	81.7	21.1	0.075	9.55	4.01	3.8	21	0.8	115.5	0.22	0.69	2.34	0.052	0.93
457509		1520	73.1	57.6	0.061	8.76	2.20	9.6	17	1.6	64.9	0.36	0.47	3.82	0.137	2.17
457510		1390	56.9	51.2	0.064	>10.0	2.21	8.2	18	1.6	58.1	0.25	0.71	3.69	0.110	1.92
457511		70	3.3	1.4	0.002	0.17	0.20	0.2	1	<0.2	129.0	<0.05	<0.05	0.16	0.005	0.06
457512		470	27.0	84.4	0.031	7.76	1.03	14.1	13	2.6	45.6	0.38	0.41	5.34	0.174	3.00
457513		200	12.4	92.7	0.014	6.11	0.40	16.2	8	3.3	36.9	0.49	0.31	5.86	0.194	3.23
457514		200	13.7	95.4	0.015	5.34	0.32	17.2	7	3.3	25.5	0.70	0.27	6.31	0.236	3.33
457515		230	17.5	67.8	0.018	8.93	0.59	11.2	6	2.7	43.8	0.29	0.66	5.01	0.124	2.29
457516		920	186.5	530	0.003	3.40	1.84	5.2	3	1.2	263	0.83	0.74	1.63	0.481	1.89
457517		300	19.2	33.3	0.011	9.37	0.61	7.1	6	3.3	148.0	0.27	0.78	3.04	0.109	1.08
457518		240	3.7	0.6	<0.002	1.64	0.07	0.4	1	<0.2	146.0	<0.05	0.08	0.14	0.005	0.02
457519		290	2.3	0.2	<0.002	1.96	0.07	0.3	1	<0.2	94.3	<0.05	0.11	0.11	<0.005	<0.02
457520		180	2.1	0.1	<0.002	0.19	0.05	0.2	1	<0.2	31.2	<0.05	<0.05	0.08	<0.005	<0.02

Commentaire: **Corrected copy for Au- ICP21 on samples 457517 to 457520**

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206061

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457501		22.8	434	2.1	18.0	575	130.5
457502		23.5	447	2.3	18.3	614	134.0
457503		36.4	761	3.0	23.5	2170	102.0
457504		47.5	1020	3.2	22.7	2520	54.8
457505		50.9	902	3.1	27.3	1190	81.3
457506		57.2	1000	3.3	24.2	3460	82.4
457507		0.7	67	0.5	6.8	258	80.7
457508		44.2	852	2.7	23.0	2820	52.2
457509		35.2	724	2.6	16.5	1360	90.2
457510		36.2	670	2.4	18.5	685	83.4
457511		0.9	11	0.2	1.1	13	2.5
457512		21.8	423	2.4	12.0	42	139.5
457513		12.8	205	2.2	9.3	27	153.0
457514		12.8	203	2.3	11.4	22	163.5
457515		8.9	166	1.6	8.9	25	135.5
457516		1.0	62	0.5	6.5	342	73.6
457517		5.2	101	1.2	7.1	34	63.7
457518		0.3	11	0.1	4.4	31	4.4
457519		0.2	11	0.1	4.1	41	4.3
457520		0.1	10	0.1	3.0	25	3.3

Commentaire: **Corrected copy for Au- ICP21 on samples 457517 to 457520**

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206061

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206065

Project: KAN

P.O. No.: KANDH17- 052

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

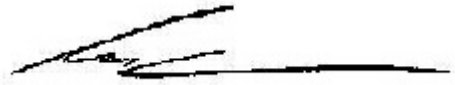
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206065

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
457521		2.22	<0.001	0.07	0.11	0.4	<10	0.14	0.01	1.42	0.06	7.69	1.9	13	<0.05	8.9
457522		<0.02	<0.001	0.06	0.10	0.5	<10	0.16	0.01	1.50	0.05	4.91	1.8	15	<0.05	9.0
457523		2.33	<0.001	0.36	0.27	0.3	10	0.20	0.05	1.90	0.10	11.20	5.2	16	0.09	75.6
457524		2.43	0.005	0.46	0.13	0.2	<10	0.08	0.02	6.89	0.16	8.31	6.6	7	<0.05	136.5
457525		2.28	0.026	1.50	3.18	7.8	150	1.38	1.02	5.48	0.13	34.6	47.4	46	1.23	198.5
457526		2.33	0.060	2.40	4.62	10.3	50	1.88	1.74	0.17	0.10	47.7	64.7	61	1.80	250
457527		0.11	1.395	1.10	8.05	103.5	120	4.64	2.91	2.28	2.93	25.0	19.8	60	2.76	62.4
457528		2.67	0.045	1.87	4.88	5.6	100	2.18	1.31	0.13	0.06	41.5	39.1	66	2.19	253
457529		2.66	0.036	1.72	5.49	6.3	120	2.61	1.24	0.16	0.06	48.4	33.0	77	2.68	179.5
457530		2.44	0.042	1.84	5.43	7.0	100	2.11	1.22	0.24	0.06	61.2	46.6	76	2.44	191.5
457531		0.25	<0.001	0.02	0.06	1.0	50	<0.05	0.01	19.15	0.04	0.99	0.4	1	0.34	2.4
457532		2.51	0.023	1.55	5.63	5.1	130	1.76	0.79	0.74	0.18	81.9	33.8	68	2.27	246
457533		2.43	0.026	0.92	8.63	1.6	360	1.91	0.39	0.19	14.20	58.4	16.4	141	2.43	135.0
457534		2.07	0.023	0.75	9.59	1.4	440	2.15	0.32	0.20	9.60	56.0	23.7	141	2.74	119.0
457535		2.07	<0.001	0.42	9.32	1.7	380	2.05	0.12	1.41	1.12	64.8	9.4	97	2.75	77.6
457536		0.13	8.42	1.73	8.13	103.5	210	3.81	3.36	2.02	3.74	27.1	18.7	58	2.52	114.0
457537		2.42	0.001	0.62	8.37	2.3	340	2.44	0.14	0.53	0.12	61.4	7.6	92	2.62	179.5
457538		2.19	0.017	1.08	7.15	9.3	200	2.04	0.15	2.03	6.66	62.8	16.0	75	2.79	295
457539		2.58	0.019	0.83	6.67	14.3	190	2.18	0.12	3.01	7.73	58.8	21.5	70	2.94	282
457540		2.60	0.013	0.80	6.89	10.7	160	2.29	0.09	1.67	5.47	57.7	17.9	73	2.84	360

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206065

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
457521		12.45	0.45	0.11	0.1	<0.005	0.005	0.01	4.7	1.5	1.50	2820	0.89	0.02	0.9	5.9
457522		13.10	0.46	0.08	0.1	<0.005	<0.005	0.01	2.9	1.5	1.58	2980	0.91	0.02	0.7	5.6
457523		16.00	1.16	0.11	0.1	<0.005	0.021	0.09	6.8	1.4	2.66	5120	2.07	0.02	1.5	33.6
457524		16.55	0.60	0.10	0.1	0.005	0.014	0.02	5.1	1.6	3.49	3880	1.35	<0.01	0.6	63.6
457525		19.85	10.70	0.13	1.4	0.023	0.040	1.49	19.0	6.5	2.82	1530	12.95	0.07	7.3	109.5
457526		24.2	15.65	0.19	1.7	0.019	0.041	2.06	25.6	9.6	0.59	184	21.5	0.10	4.7	149.0
457527		5.18	25.9	0.12	1.7	0.006	0.100	4.10	11.5	2.7	1.70	445	1.56	3.53	16.6	73.4
457528		21.0	16.20	0.17	1.7	0.021	0.047	2.40	22.0	10.4	0.49	109	19.90	0.09	5.5	136.0
457529		16.60	19.05	0.16	2.2	0.016	0.051	2.70	24.2	12.3	0.62	126	23.6	0.12	8.5	103.5
457530		18.30	17.85	0.18	3.0	0.012	0.045	2.59	33.4	11.7	0.60	140	24.1	0.11	13.3	117.0
457531		0.23	0.24	0.14	<0.1	<0.005	<0.005	0.03	0.5	8.5	13.05	300	0.13	0.02	0.2	1.1
457532		18.10	18.40	0.18	4.9	0.016	0.047	2.90	43.6	11.0	0.71	230	21.5	0.09	22.0	155.5
457533		10.80	21.5	0.17	4.0	0.065	0.108	4.26	33.5	10.5	0.46	61	16.45	0.14	21.5	126.5
457534		8.52	23.5	0.15	4.0	0.047	0.100	4.80	32.5	10.0	0.48	87	15.05	0.17	25.3	128.5
457535		5.96	23.6	0.19	4.3	0.008	0.060	4.60	39.4	9.6	0.96	506	13.30	0.17	23.6	69.8
457536		5.43	24.8	0.20	1.6	0.017	0.155	4.62	13.9	2.4	1.60	435	1.48	3.24	14.8	66.3
457537		11.05	21.9	0.22	4.8	0.006	0.054	4.20	34.5	11.9	0.64	212	11.65	0.13	8.6	122.5
457538		12.65	18.90	0.22	3.4	0.044	0.071	3.51	37.1	11.5	1.28	834	44.9	0.11	6.6	141.5
457539		13.35	17.50	0.22	2.8	0.065	0.058	3.34	34.7	12.3	1.79	1290	25.6	0.09	5.9	160.5
457540		14.30	17.45	0.22	2.3	0.044	0.043	3.44	34.0	12.7	1.14	837	24.5	0.10	4.2	211

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206065

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
457521		200	5.2	0.2	0.002	0.55	0.11	0.3	1	<0.2	38.6	<0.05	0.05	0.15	0.006	<0.02
457522		220	5.1	0.2	0.002	0.54	0.07	0.2	<1	<0.2	40.3	<0.05	<0.05	0.10	<0.005	<0.02
457523		410	2.4	2.9	0.002	2.83	0.09	0.8	1	0.2	44.7	0.06	0.23	0.24	0.012	0.08
457524		230	4.1	0.6	<0.002	5.66	0.08	0.5	2	<0.2	151.0	<0.05	0.34	0.14	0.005	0.02
457525		230	38.7	37.3	0.012	9.50	1.65	6.5	6	4.2	134.5	0.46	0.99	2.94	0.136	1.29
457526		180	76.2	54.1	0.021	>10.0	3.16	9.6	7	3.4	25.3	0.26	1.64	3.62	0.115	1.88
457527		940	168.5	352	0.003	2.74	1.62	5.5	4	1.3	255	1.08	0.58	1.36	0.490	1.50
457528		190	50.7	62.0	0.021	>10.0	2.43	9.5	7	3.3	19.9	0.32	1.27	3.84	0.135	2.21
457529		230	53.6	66.5	0.020	10.00	2.38	12.7	6	3.4	28.2	0.49	1.11	4.07	0.176	2.39
457530		200	54.8	68.1	0.024	>10.0	2.47	11.5	6	3.3	27.2	0.77	1.18	5.42	0.174	2.42
457531		20	1.8	1.0	0.002	0.08	0.12	0.1	1	<0.2	174.5	<0.05	<0.05	0.09	<0.005	0.05
457532		210	47.2	70.4	0.032	>10.0	1.74	9.7	6	3.4	33.3	1.46	0.91	7.51	0.191	2.45
457533		470	33.7	90.4	0.028	6.20	1.12	20.4	3	3.4	24.6	1.23	0.41	4.47	0.551	3.11
457534		410	28.2	102.5	0.025	4.84	0.95	19.9	2	3.6	28.5	1.49	0.35	4.76	0.647	3.30
457535		560	18.0	101.0	0.019	3.13	0.45	24.7	2	3.3	45.9	1.24	0.15	3.92	0.713	3.16
457536		900	176.5	510	0.003	3.25	2.08	5.2	4	1.1	247	0.87	0.82	1.45	0.467	1.79
457537		350	13.4	92.6	0.015	6.36	0.47	18.6	4	2.7	28.3	0.49	0.20	4.90	0.250	3.07
457538		770	30.6	82.8	0.032	7.66	1.31	13.9	8	2.1	56.7	0.37	0.19	4.81	0.179	3.06
457539		440	25.7	81.0	0.026	8.19	1.07	13.2	10	1.7	69.5	0.33	0.12	4.39	0.174	3.47
457540		430	17.5	82.5	0.023	8.49	0.82	13.6	11	1.6	43.3	0.22	0.12	4.24	0.152	3.45

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206065

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
457521		0.2	11	0.1	2.9	16	3.9
457522		0.1	11	0.1	3.0	16	3.8
457523		0.4	27	0.2	3.8	48	8.6
457524		0.2	13	0.1	4.5	30	4.4
457525		5.2	96	1.5	6.2	31	57.6
457526		7.8	145	1.6	6.1	22	68.8
457527		0.7	62	0.7	6.7	216	78.8
457528		8.7	159	1.8	5.7	16	73.0
457529		10.0	175	1.8	7.8	18	89.5
457530		10.7	182	1.8	9.1	18	141.0
457531		0.2	2	0.2	0.6	6	1.6
457532		13.7	204	1.7	10.1	30	189.0
457533		22.0	225	2.8	10.2	1760	154.0
457534		24.0	228	2.9	9.9	1190	161.0
457535		20.3	190	3.1	11.0	149	178.0
457536		0.9	60	0.5	6.6	319	72.6
457537		14.6	184	2.1	11.9	32	181.0
457538		22.4	398	2.2	14.8	1200	134.0
457539		17.6	346	2.6	10.8	1370	110.0
457540		18.6	306	2.2	10.0	993	92.6

***** See Appendix Page for comments regarding this certificate *****

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206065

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206066

Project: KAN

P.O. No.: KANDH17- 053

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

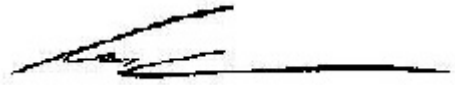
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206066

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
457541		2.06	0.070	1.22	3.89	105.5	80	1.18	0.53	1.67	17.35	48.8	21.2	64	2.17	157.5
457542		<0.02	0.063	1.20	4.05	103.0	100	1.35	0.49	1.60	17.80	50.5	20.5	66	2.27	160.0
457543		1.65	0.061	1.56	2.87	235	90	0.90	0.38	2.57	15.75	42.6	20.8	61	2.03	105.0
457544		1.91	0.105	2.16	2.81	262	60	0.82	0.67	0.95	23.2	44.2	25.3	65	1.98	135.5
457545		1.82	0.057	1.28	4.84	263	60	0.96	0.29	0.61	11.55	54.5	20.4	79	2.14	81.2
457546		2.39	0.032	1.57	6.45	52.6	100	1.03	0.72	0.60	14.15	57.9	12.1	78	2.61	382
457547		0.12	1.335	1.06	8.01	108.5	120	4.36	2.87	2.23	2.50	26.7	17.2	63	2.60	60.1
457548		2.22	0.042	0.62	8.47	22.3	230	2.03	0.40	1.77	2.68	96.2	19.7	111	3.29	72.2
457549		2.32	0.031	0.83	8.14	48.0	170	1.63	0.45	0.56	2.71	88.5	31.6	99	3.44	142.5
457550		2.14	0.020	0.72	7.55	43.3	140	1.02	0.24	1.24	3.31	57.0	22.4	77	2.74	126.5
457551		0.23	0.001	0.01	0.09	1.1	130	0.08	0.03	18.45	0.08	1.44	0.5	2	0.38	2.9
457552		2.66	0.029	0.80	6.83	85.1	120	0.93	0.28	2.39	4.88	58.0	20.8	71	2.90	96.0
457553		3.37	0.021	0.75	6.80	73.0	130	0.89	0.23	2.99	4.43	56.8	20.3	70	2.77	145.0
457554		2.17	0.013	0.65	5.99	81.5	150	0.83	0.19	4.79	4.12	60.7	17.5	64	2.40	90.3
457555		2.31	0.023	0.91	4.71	119.0	120	0.73	0.23	5.73	4.81	45.8	14.5	59	2.09	109.5
457556		0.19	8.52	1.72	8.17	117.5	210	4.12	3.80	2.05	4.54	28.9	18.8	59	2.90	115.5
457557		2.17	0.038	0.92	3.74	126.0	110	0.74	0.24	6.53	3.69	40.9	13.0	49	1.69	95.2
457558		2.65	0.044	1.03	6.19	172.0	50	0.95	0.25	1.65	7.25	49.1	19.7	78	2.54	121.5
457559		2.67	0.033	0.92	5.30	131.5	80	0.76	0.24	4.44	7.37	62.3	16.9	67	2.15	91.5
457560		2.23	0.019	0.57	6.27	83.3	160	0.91	0.20	5.07	4.96	51.2	17.2	65	2.23	71.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206066

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
457541		14.60	10.90	0.16	1.9	0.174	0.111	1.72	29.9	9.0	0.92	891	120.0	0.06	4.1	188.0
457542		14.50	11.30	0.15	2.1	0.172	0.122	1.82	31.5	9.3	0.90	836	111.5	0.06	4.4	188.5
457543		13.85	8.38	0.17	1.7	0.302	0.098	1.42	28.2	6.9	1.27	699	154.5	0.03	5.9	343
457544		15.50	8.44	0.19	1.7	0.337	0.138	1.30	28.6	5.8	0.56	432	165.5	0.05	3.5	364
457545		15.80	12.90	0.23	1.8	0.400	0.148	2.46	31.8	7.7	0.42	163	72.2	0.06	5.9	261
457546		18.40	16.65	0.16	3.3	0.095	0.106	3.12	32.1	8.0	0.50	189	46.5	0.10	9.5	255
457547		5.21	25.7	0.07	1.8	0.008	0.096	4.23	11.9	2.4	1.67	455	1.49	3.55	15.1	68.0
457548		7.76	25.5	0.17	8.0	0.043	0.095	4.09	51.5	15.7	1.18	487	17.70	0.14	14.8	90.9
457549		12.30	23.6	0.17	6.1	0.089	0.110	3.81	46.6	14.8	0.62	169	18.25	0.25	10.3	137.0
457550		12.95	19.05	0.12	3.9	0.068	0.107	3.01	31.9	10.8	1.00	333	13.95	0.75	6.4	157.0
457551		0.23	0.33	0.10	0.1	<0.005	<0.005	0.05	0.8	19.9	13.35	347	0.18	0.03	0.2	1.4
457552		13.05	17.70	0.12	3.7	0.139	0.157	2.93	33.1	8.2	1.39	459	21.9	0.37	9.0	144.5
457553		13.50	17.75	0.10	3.6	0.095	0.141	2.99	31.9	5.8	1.47	467	19.15	0.43	6.9	182.0
457554		12.80	16.00	0.13	3.0	0.110	0.135	2.69	34.7	6.4	2.15	740	21.1	0.18	7.3	145.5
457555		14.60	11.65	0.12	1.6	0.190	0.101	2.12	25.3	6.1	2.54	881	31.8	0.12	6.9	148.5
457556		5.59	27.6	0.10	1.7	0.015	0.158	4.81	13.7	2.5	1.61	457	1.58	3.40	14.5	69.5
457557		13.35	9.72	0.13	1.5	0.223	0.072	1.67	22.5	5.3	2.83	1040	41.2	0.10	7.0	119.5
457558		16.55	15.55	0.13	2.0	0.208	0.110	2.91	28.0	6.4	0.79	290	37.5	0.14	6.0	192.0
457559		14.85	13.60	0.14	2.4	0.196	0.128	2.43	35.0	6.1	1.99	764	35.0	0.20	8.4	155.0
457560		11.35	16.30	0.09	3.3	0.129	0.103	2.86	29.5	6.9	2.27	834	18.15	0.36	8.1	141.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206066

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
457541		1520	73.9	44.3	0.091	>10.0	2.39	8.2	18	1.2	45.8	0.27	0.59	4.26	0.101	2.42
457542		1430	72.6	46.9	0.090	>10.0	2.30	8.7	17	1.3	45.7	0.28	0.53	4.26	0.106	2.46
457543		1100	99.4	39.1	0.127	>10.0	5.35	6.3	17	1.0	47.5	0.48	0.74	3.75	0.090	2.27
457544		1150	107.0	35.9	0.130	>10.0	4.90	6.0	23	1.0	31.9	0.26	0.89	4.03	0.080	2.29
457545		790	116.0	59.6	0.083	>10.0	6.70	8.2	13	1.2	19.0	0.33	0.45	4.73	0.140	3.60
457546		320	47.0	69.3	0.054	>10.0	2.03	10.4	13	1.8	21.7	0.51	0.59	5.28	0.154	3.46
457547		970	153.0	361	0.005	2.78	1.78	5.1	5	1.1	259	1.03	0.49	1.41	0.498	1.48
457548		450	23.5	85.4	0.024	5.14	0.90	17.5	3	3.0	52.1	0.94	0.36	8.47	0.245	3.73
457549		290	43.8	84.9	0.023	>10.0	2.05	16.1	4	2.4	36.9	0.73	0.65	7.30	0.207	3.91
457550		330	30.5	63.0	0.021	>10.0	1.40	14.5	4	1.7	56.1	0.37	0.55	5.07	0.172	3.38
457551		30	3.9	1.3	<0.002	0.04	0.20	0.2	<1	<0.2	153.5	<0.05	<0.05	0.18	0.006	0.07
457552		260	56.1	64.8	0.024	>10.0	2.41	11.5	5	1.8	67.8	0.57	0.61	5.69	0.167	3.78
457553		230	48.3	65.3	0.019	>10.0	2.18	11.1	6	1.9	69.5	0.49	0.41	5.43	0.150	3.76
457554		190	52.3	60.4	0.028	>10.0	2.52	10.9	5	1.6	91.1	0.46	0.38	5.21	0.166	3.61
457555		280	74.4	45.3	0.039	>10.0	4.04	8.3	9	1.0	92.3	0.44	0.37	4.22	0.131	3.47
457556		920	188.0	460	0.004	3.32	2.03	5.3	4	1.2	257	0.89	0.89	1.63	0.479	2.15
457557		240	77.9	38.7	0.042	>10.0	5.22	6.1	8	1.0	105.0	0.55	0.44	3.99	0.114	3.24
457558		440	107.5	65.0	0.046	>10.0	5.21	10.1	10	1.5	43.3	0.33	0.34	4.96	0.144	4.72
457559		340	82.0	55.6	0.038	>10.0	4.71	8.8	8	1.2	92.3	0.55	0.41	5.11	0.148	4.04
457560		160	49.5	62.2	0.023	9.65	2.87	11.0	5	1.6	87.2	0.49	0.47	4.88	0.192	4.10

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206066

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
457541		56.3	1140	4.1	27.5	2650	77.9
457542		53.0	1080	4.3	25.4	2650	78.8
457543		64.7	1500	5.8	22.8	2640	70.8
457544		75.7	1580	5.6	25.4	3590	63.2
457545		30.3	881	3.1	17.2	2280	69.6
457546		23.5	489	2.6	12.1	1530	125.0
457547		0.8	65	0.7	6.5	233	76.6
457548		15.1	227	1.7	15.9	501	288
457549		14.8	219	1.2	15.4	575	214
457550		12.4	198	0.9	10.8	818	138.0
457551		0.2	3	0.2	0.8	23	2.3
457552		14.6	223	1.1	10.6	1240	132.5
457553		12.9	222	1.1	10.3	1140	123.0
457554		13.8	219	1.1	10.4	1100	107.0
457555		17.5	320	1.4	9.2	1200	63.7
457556		1.0	61	0.6	6.7	344	74.1
457557		19.4	357	1.7	9.9	827	58.1
457558		21.3	377	1.7	9.3	1320	77.0
457559		19.1	333	1.8	9.6	1300	82.9
457560		13.2	210	1.7	9.6	891	117.0

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CERTIFICATE OF ANALYSIS VO17206066

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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To: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206069

Project: KAN

P.O. No.: KANDH17- 054

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

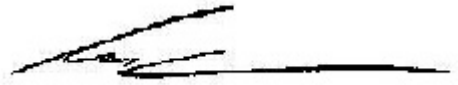
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17206069

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
457561		2.39	0.025	0.81	6.78	111.5	70	1.27	0.22	2.72	5.03	60.1	21.9	73	2.53	123.0
457562		<0.02	0.029	0.74	6.80	110.0	80	1.18	0.23	2.85	5.15	59.7	21.6	74	2.46	119.0
457563		2.29	0.035	0.84	5.60	146.0	40	1.13	0.25	1.81	6.85	49.8	21.2	69	2.26	127.0
457564		2.68	0.028	1.20	4.16	196.0	40	0.96	0.27	3.39	3.71	37.7	20.3	55	1.89	108.0
457565		2.39	0.025	0.96	3.54	172.0	120	0.89	0.20	5.56	4.60	33.2	15.5	45	1.74	70.8
457566		2.52	0.032	1.20	4.22	174.5	120	1.00	0.25	4.91	3.56	40.8	17.3	53	1.91	92.2
457567		0.10	1.335	1.14	8.43	102.0	120	3.66	3.00	2.30	2.68	26.9	17.9	63	2.74	59.5
457568		2.28	0.043	1.34	4.54	181.5	60	0.78	0.35	2.74	4.61	43.8	18.7	57	2.01	127.0
457569		2.66	0.027	0.79	2.96	134.5	90	0.46	0.20	9.03	2.84	32.0	9.7	37	1.30	39.5
457570		2.44	0.052	1.39	6.39	159.0	80	1.06	0.51	0.51	5.55	56.5	18.4	78	2.51	51.0
457571		0.25	<0.001	0.01	0.07	1.6	10	<0.05	0.02	34.4	0.04	1.56	0.6	2	<0.05	1.2
457572		2.46	0.025	0.78	8.53	67.9	200	1.12	0.27	0.43	3.60	78.2	23.8	92	3.45	111.0
457573		2.77	0.038	1.26	5.84	71.3	110	0.74	0.44	0.90	2.65	77.6	28.6	83	2.20	189.0
457574		2.71	0.016	0.75	7.11	37.0	190	0.82	0.21	1.10	2.54	57.9	23.2	85	2.98	251
457575		2.56	0.026	0.95	9.64	54.1	220	1.07	0.35	0.27	1.41	68.2	27.6	103	3.84	108.5
457576		0.17	8.58	1.77	8.27	106.0	210	3.48	3.66	2.02	4.41	29.1	18.0	57	2.86	112.5
457577		2.44	0.030	0.95	8.00	51.1	170	0.69	0.27	1.38	4.77	57.7	23.7	81	3.04	103.5
457578		2.44	0.018	0.76	8.44	40.1	190	0.91	0.26	1.76	5.93	76.3	20.7	92	3.13	86.9
457579		2.47	0.038	1.09	5.42	46.9	160	0.71	0.27	0.71	0.51	47.1	25.6	87	2.14	118.5
457580		2.26	0.065	1.85	4.64	81.5	100	0.65	0.36	0.55	1.28	43.6	36.2	79	1.88	62.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206069

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
457561		13.50	17.20	0.14	2.9	0.129	0.117	3.17	35.2	8.9	1.27	482	23.4	0.18	10.9	180.5
457562		13.50	16.95	0.15	2.9	0.099	0.119	3.17	34.3	9.0	1.33	515	23.1	0.19	11.0	175.5
457563		15.80	14.05	0.15	1.8	0.173	0.133	2.62	29.1	8.7	0.90	338	30.9	0.13	6.5	192.0
457564		16.45	10.60	0.16	1.3	0.286	0.062	1.96	22.3	8.5	1.64	637	47.1	0.16	6.9	165.5
457565		14.05	8.82	0.13	1.3	0.259	0.065	1.65	20.2	9.4	2.66	1020	36.7	0.15	7.6	134.5
457566		14.10	10.40	0.14	1.4	0.332	0.071	1.90	24.5	9.3	2.33	935	48.3	0.18	7.2	138.0
457567		5.24	25.4	0.08	1.8	0.009	0.103	4.14	12.8	1.8	1.72	461	1.79	3.55	15.4	67.2
457568		16.30	12.05	0.15	1.6	0.294	0.093	2.14	25.3	4.9	1.33	532	47.1	0.10	8.2	158.5
457569		12.00	7.36	0.10	1.0	0.183	0.060	1.32	18.7	4.2	4.24	1700	29.3	0.17	7.0	97.4
457570		14.30	16.20	0.17	2.0	0.247	0.102	3.05	32.9	5.9	0.42	112	39.9	0.11	8.5	148.5
457571		0.31	0.22	<0.05	<0.1	<0.005	0.005	0.02	1.6	0.7	2.14	162	0.32	0.03	0.2	1.5
457572		11.25	22.6	0.14	5.3	0.101	0.114	3.99	43.1	9.1	0.56	125	18.35	0.15	10.4	118.5
457573		15.40	19.10	0.17	5.4	0.196	0.129	2.66	39.2	7.4	0.76	375	18.90	0.11	10.1	106.5
457574		14.15	20.4	0.14	5.2	0.056	0.131	3.39	29.0	9.0	0.97	417	12.65	0.14	8.7	136.0
457575		11.85	24.7	0.15	4.4	0.088	0.097	4.45	37.9	10.0	0.61	132	17.00	0.17	7.2	109.5
457576		5.61	26.3	0.07	1.7	0.013	0.165	4.80	14.2	2.1	1.62	444	1.70	3.40	14.6	64.6
457577		11.35	19.55	0.11	3.4	0.094	0.151	3.63	33.9	7.9	1.05	392	14.05	0.14	5.0	124.5
457578		9.24	21.9	0.11	6.1	0.135	0.178	3.85	41.9	8.7	1.21	477	10.80	0.15	14.0	89.4
457579		9.86	16.55	0.13	2.3	0.090	0.055	2.46	26.2	7.4	0.58	207	21.5	0.08	4.0	77.4
457580		13.75	14.45	0.13	2.2	0.139	0.064	2.13	23.4	7.1	0.50	145	18.95	0.07	4.1	66.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206069

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
457561		230	60.6	76.9	0.028	>10.0	2.86	12.9	7	1.6	56.3	0.68	0.49	5.11	0.206	4.00
457562		220	59.4	74.6	0.027	>10.0	2.85	12.3	7	1.6	56.6	0.71	0.49	5.20	0.211	4.05
457563		490	72.0	65.5	0.038	>10.0	3.33	9.3	9	1.2	45.4	0.38	0.48	4.07	0.149	3.72
457564		290	87.8	52.5	0.042	>10.0	5.63	8.7	10	1.0	73.9	0.43	0.39	3.46	0.125	3.36
457565		240	76.9	45.4	0.036	>10.0	5.19	7.5	9	0.9	118.5	0.49	0.31	2.79	0.113	3.01
457566		250	90.9	52.4	0.048	>10.0	6.26	7.6	9	0.9	90.3	0.47	0.39	3.58	0.128	3.58
457567		990	155.0	411	0.002	2.75	1.70	5.5	3	1.2	272	1.15	0.55	1.66	0.503	1.53
457568		320	101.0	58.8	0.043	>10.0	6.03	7.9	10	1.1	56.7	0.60	0.51	4.01	0.132	3.97
457569		230	61.4	35.6	0.031	>10.0	3.88	4.8	7	0.7	142.0	0.54	0.33	2.90	0.099	2.36
457570		430	95.6	76.5	0.040	>10.0	5.66	8.9	8	1.5	25.3	0.53	0.87	4.95	0.192	4.72
457571		70	1.3	0.4	<0.002	0.11	0.12	0.2	<1	<0.2	82.7	<0.05	<0.05	0.09	0.006	0.02
457572		360	48.4	103.0	0.020	>10.0	2.43	16.4	5	2.6	29.7	0.62	0.53	5.64	0.261	5.40
457573		460	71.1	69.3	0.013	>10.0	1.96	12.6	8	4.0	35.8	0.73	1.84	5.11	0.190	3.31
457574		390	32.4	75.7	0.013	>10.0	1.16	16.9	6	3.2	52.7	0.58	0.65	4.45	0.221	3.76
457575		250	49.6	102.5	0.020	>10.0	2.38	20.2	4	2.5	35.1	0.49	1.00	5.77	0.276	4.68
457576		920	174.0	500	0.004	3.35	2.19	5.3	4	1.3	261	0.99	0.84	1.60	0.484	2.02
457577		190	40.8	85.9	0.017	9.95	2.11	17.2	4	2.0	50.3	0.33	0.64	4.61	0.211	3.73
457578		330	33.4	92.0	0.014	7.70	1.56	18.8	4	3.2	56.2	1.04	0.81	6.03	0.306	3.86
457579		280	47.6	62.4	0.014	8.57	1.92	11.6	5	1.7	29.2	0.27	2.28	3.96	0.141	2.72
457580		320	73.5	54.9	0.014	>10.0	2.86	9.8	6	1.7	23.6	0.28	3.12	3.57	0.128	2.43

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206069

Sample Description	Method Analyte Units LOR	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
457561		16.7	262	1.9	11.3	1020	116.5
457562		16.8	264	1.9	11.2	1080	115.0
457563		18.8	313	1.7	9.6	1440	74.2
457564		21.0	401	1.9	11.8	823	60.0
457565		17.8	320	1.6	9.3	1010	55.7
457566		23.1	391	2.0	9.9	798	61.6
457567		0.8	65	0.7	7.4	236	79.4
457568		21.1	368	2.2	9.7	947	69.7
457569		14.5	252	1.5	8.6	591	43.9
457570		23.3	382	2.4	9.3	1070	84.4
457571		0.2	2	0.2	2.4	8	1.7
457572		14.1	220	2.5	14.2	677	204
457573		8.5	170	1.6	14.4	552	209
457574		10.9	174	1.3	12.0	489	197.5
457575		15.8	222	1.5	11.8	268	162.0
457576		1.0	62	0.5	7.1	329	77.0
457577		12.5	184	1.1	9.5	926	131.0
457578		13.6	177	1.4	13.8	1080	223
457579		6.8	158	1.2	9.7	106	93.0
457580		6.8	137	1.0	11.3	247	90.4

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Finalized Date: 15- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17206069

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206091

Project: KAN

P.O. No.: KANDH17- 055

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17206091

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
457581		2.03	0.015	0.56	8.37	13.8	190	2.30	0.18	1.57	2.15	86.9	19.9	94	3.28	128.5
457582		<0.02	0.013	0.56	8.28	13.1	190	2.17	0.17	1.47	1.81	82.5	18.7	94	3.10	120.5
457583		2.10	0.012	0.62	7.56	32.9	220	2.14	0.14	1.63	2.72	107.0	18.4	87	2.96	102.0
457584		2.18	0.029	1.26	7.02	76.1	110	1.50	0.29	3.04	5.40	82.6	20.7	75	3.01	74.6
457585		2.26	0.025	0.88	7.60	65.2	200	1.68	0.27	1.81	4.60	69.2	27.1	80	3.20	90.9
457586		2.61	0.026	0.97	9.33	38.3	270	1.67	0.23	1.01	2.29	52.4	25.8	111	4.13	177.5
457587		0.10	1.325	1.11	8.58	104.5	130	5.36	3.03	2.42	2.60	26.6	20.9	65	2.66	65.1
457588		4.93	0.051	1.38	6.20	115.5	70	1.33	0.34	3.25	4.83	48.2	21.6	74	2.65	97.6
457589		5.13	0.051	1.21	5.82	146.5	50	1.31	0.32	2.25	7.18	58.8	22.0	78	2.47	96.9
457590		4.73	0.050	1.61	3.30	137.0	110	0.79	0.25	5.57	6.29	36.8	17.9	56	1.62	83.8
457591		0.18	0.001	0.03	0.11	1.2	130	0.06	0.02	18.15	0.15	2.55	0.6	3	0.50	3.4
457592		4.87	0.064	1.16	6.02	107.5	80	1.44	0.24	1.56	6.56	61.2	24.9	80	2.56	164.0
457593		3.60	0.014	0.58	7.51	24.0	210	2.01	0.11	2.50	2.44	116.0	24.1	87	2.82	103.0
457594		4.34	0.037	1.32	7.09	45.9	100	1.60	0.34	1.37	9.41	62.3	26.7	89	3.09	140.0
457595		4.68	0.039	1.68	4.90	160.5	60	1.35	0.31	2.87	8.18	53.9	22.0	71	2.18	68.5
457596		0.20	8.81	1.62	8.27	104.5	210	4.04	3.33	2.05	3.92	27.4	19.1	58	2.65	109.0
457597		4.92	0.032	1.32	5.12	172.0	50	1.47	0.27	2.58	5.81	47.3	19.4	65	2.18	60.7
457598		4.98	0.062	1.65	4.11	215	50	1.33	0.32	2.69	5.42	36.4	19.2	58	2.16	42.2
457599		4.76	0.081	2.26	3.58	191.5	60	1.23	0.37	2.17	9.60	34.5	22.7	70	2.20	120.5
457600		4.68	0.037	1.49	3.59	182.0	110	1.14	0.36	4.04	4.52	42.4	18.2	50	1.66	35.9

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Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206091

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
457581		9.93	24.3	0.22	7.1	0.027	0.109	3.83	47.4	15.8	1.21	383	11.25	0.14	19.4	103.5
457582		9.26	23.1	0.22	7.3	0.028	0.101	3.81	44.4	15.2	1.15	359	10.65	0.14	20.7	91.3
457583		9.29	23.4	0.25	11.6	0.074	0.098	3.52	53.5	16.3	1.14	355	17.45	0.13	39.8	104.5
457584		12.70	18.55	0.23	3.2	0.165	0.094	3.25	46.4	13.0	1.69	603	20.7	0.13	7.5	162.0
457585		11.60	20.8	0.25	4.0	0.113	0.097	3.62	39.7	12.0	1.07	353	20.8	0.14	9.9	146.5
457586		10.20	24.9	0.24	4.2	0.087	0.088	4.62	29.1	14.6	0.85	300	16.95	0.17	7.8	125.0
457587		5.37	27.9	0.24	1.8	0.008	0.119	4.31	12.7	3.1	1.84	491	1.49	3.69	16.4	78.0
457588		14.05	15.90	0.24	2.4	0.238	0.083	2.91	28.6	12.2	1.73	649	32.1	0.13	5.8	162.0
457589		16.65	14.85	0.24	2.1	0.272	0.106	2.72	34.5	11.0	1.22	476	40.8	0.10	5.7	181.5
457590		13.55	8.54	0.18	1.4	0.256	0.087	1.51	23.3	8.3	2.75	1350	71.9	0.05	5.5	199.0
457591		0.37	0.40	0.18	0.1	<0.005	<0.005	0.06	1.4	16.9	12.50	421	2.20	0.02	0.3	7.4
457592		14.40	15.80	0.23	4.4	0.145	0.109	2.77	35.0	10.8	0.95	361	66.0	0.09	11.5	210
457593		8.24	26.2	0.25	12.8	0.029	0.083	3.42	58.5	15.6	1.60	535	16.35	0.13	52.9	79.7
457594		12.95	18.65	0.22	3.4	0.139	0.124	3.15	37.2	12.5	0.93	379	58.8	0.14	5.6	164.5
457595		15.50	12.40	0.22	1.8	0.423	0.111	2.14	32.5	9.0	1.40	586	66.6	0.27	5.6	242
457596		5.44	27.1	0.20	1.6	0.013	0.162	4.70	13.9	2.6	1.61	442	1.49	3.32	14.9	67.8
457597		15.50	12.90	0.22	1.7	0.354	0.066	2.24	28.4	10.9	1.30	553	35.4	0.30	7.0	180.0
457598		15.45	11.25	0.20	1.4	0.337	0.050	1.87	22.0	12.9	1.40	691	52.4	0.15	6.6	175.0
457599		15.45	9.63	0.22	1.4	0.421	0.095	1.59	22.2	10.1	1.11	569	110.5	0.08	5.4	256
457600		14.40	9.32	0.19	1.4	0.336	0.047	1.50	25.8	11.4	2.12	946	51.7	0.15	6.9	160.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206091

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
457581		350	13.3	88.6	0.014	6.13	0.71	18.9	3	3.0	60.8	1.01	0.28	7.37	0.217	3.18
457582		360	12.8	83.6	0.013	5.79	0.67	17.4	3	3.0	56.8	1.08	0.27	7.34	0.222	3.10
457583		540	31.9	83.7	0.024	7.33	1.03	17.9	4	3.4	53.5	2.78	0.22	9.41	0.255	3.34
457584		280	50.1	76.3	0.022	>10.0	2.45	14.7	6	1.7	74.5	0.43	0.58	5.65	0.157	3.44
457585		230	50.3	83.4	0.021	>10.0	1.94	13.5	6	2.2	53.7	0.78	0.56	6.23	0.188	3.84
457586		250	39.8	93.4	0.018	8.79	1.69	20.9	5	2.4	52.6	0.48	0.51	4.88	0.281	4.70
457587		1050	158.5	394	0.002	2.82	1.66	5.9	4	1.2	276	1.08	0.53	1.32	0.529	1.40
457588		330	79.9	69.3	0.035	>10.0	3.78	13.3	8	1.4	65.9	0.34	0.62	4.16	0.154	3.38
457589		450	79.8	65.8	0.045	>10.0	3.52	11.6	12	1.2	53.0	0.31	0.56	4.40	0.136	3.25
457590		950	74.1	40.0	0.069	>10.0	4.26	7.8	10	0.9	98.7	0.35	0.48	2.88	0.117	2.23
457591		240	5.6	2.1	0.002	0.10	0.12	0.3	1	<0.2	162.0	<0.05	<0.05	0.17	0.006	0.12
457592		590	57.2	66.6	0.055	>10.0	2.32	12.4	11	1.7	42.4	0.79	0.41	5.28	0.151	3.21
457593		430	14.3	81.7	0.018	5.96	0.62	15.6	3	3.7	68.9	3.10	0.20	11.95	0.232	3.25
457594		670	39.7	80.2	0.050	>10.0	1.74	15.7	8	2.0	54.4	0.32	0.72	4.86	0.161	3.64
457595		450	84.2	59.9	0.063	>10.0	6.78	9.9	12	1.1	63.4	0.32	0.61	4.20	0.123	3.58
457596		920	176.0	520	0.003	3.29	1.89	5.3	3	1.1	251	0.87	0.74	1.36	0.473	1.83
457597		280	91.0	62.9	0.040	>10.0	6.92	10.6	11	1.1	59.9	0.42	0.47	4.12	0.129	3.75
457598		370	104.5	56.7	0.046	>10.0	8.59	9.4	12	1.0	58.8	0.42	0.53	3.31	0.110	3.58
457599		810	106.5	50.5	0.093	>10.0	7.97	8.3	13	1.0	43.4	0.37	0.59	3.29	0.099	3.39
457600		240	94.8	44.9	0.051	>10.0	7.78	7.3	10	0.8	73.3	0.43	0.54	3.27	0.103	3.01

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 14- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206091

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
457581		11.2	155	1.2	15.5	449	286
457582		11.2	150	1.1	15.8	399	301
457583		15.8	272	1.5	22.5	541	461
457584		15.4	253	1.3	13.1	1040	132.0
457585		15.9	245	1.3	13.6	881	156.0
457586		14.6	221	1.4	10.6	469	168.0
457587		0.7	69	0.7	7.0	255	81.8
457588		19.8	319	1.3	11.0	984	96.8
457589		21.8	406	1.6	12.3	1520	87.5
457590		28.8	708	2.7	15.2	1240	58.6
457591		1.2	19	0.2	2.1	44	2.2
457592		26.6	584	2.6	19.4	1300	175.0
457593		13.1	183	1.5	24.2	353	494
457594		29.4	604	1.8	17.2	1520	137.0
457595		28.1	686	1.7	13.8	1660	74.9
457596		0.9	62	0.5	6.6	346	73.7
457597		19.8	367	1.1	9.0	1170	71.8
457598		24.9	447	1.3	10.6	1040	62.9
457599		37.6	1140	2.1	17.1	1940	62.4
457600		24.5	429	1.2	9.7	908	59.9

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CERTIFICATE OF ANALYSIS VO17206091

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalized Date: 21- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206093

Project: KAN

P.O. No.: KANDH17- 056

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

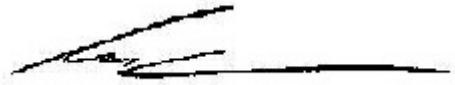
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

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Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206093

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
457601		4.78	0.041	1.78	2.46	126.5	90	0.71	0.22	5.39	5.76	30.0	13.4	39	1.56	181.5
457602		<0.02	0.040	1.78	2.48	131.0	90	0.81	0.23	5.43	5.79	31.0	13.3	40	1.57	167.5
457603		4.43	0.050	1.60	2.41	152.5	90	0.68	0.31	1.90	11.00	29.3	16.8	51	1.59	93.7
457604		4.59	0.050	1.79	3.19	121.0	120	0.86	0.33	1.64	9.37	39.1	18.6	58	2.12	210
457605		4.77	0.014	0.77	8.53	62.7	210	1.41	0.30	1.57	2.92	68.5	21.8	94	3.44	104.5
457606		4.61	0.013	0.84	8.98	31.0	210	1.27	0.23	1.09	1.75	53.7	20.4	103	3.58	159.0
457607		0.12	1.320	1.03	8.12	103.0	120	4.59	3.00	2.29	2.46	22.9	17.6	65	2.56	59.6
457608		4.57	0.019	0.96	7.85	43.5	190	1.20	0.24	0.80	2.48	65.6	23.3	83	3.10	141.5
457609		4.60	0.021	0.92	7.14	59.1	190	1.19	0.21	2.66	2.54	67.4	19.1	75	3.12	146.0
457610		4.91	0.024	0.97	5.85	41.9	170	1.37	0.20	1.62	1.51	63.8	21.5	90	2.51	215
457611		0.24	0.002	0.01	0.12	1.3	70	0.07	0.01	18.95	0.03	1.60	0.5	1	0.39	1.8
457612		5.06	0.039	1.15	4.21	59.0	140	1.07	0.25	3.00	1.27	51.6	26.6	77	1.78	122.0
457613		Not Recvd														
457614		Not Recvd														
457615		Not Recvd														
457616		Not Recvd														
457617		Not Recvd														
457618		Not Recvd														
457619		Not Recvd														
457620		Not Recvd														

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Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206093

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
457601		12.95	6.64	0.12	1.0	0.265	0.057	1.07	18.5	6.7	2.73	1240	69.7	0.09	4.6	221
457602		13.10	6.63	0.10	1.0	0.253	0.060	1.08	19.1	6.7	2.78	1290	69.3	0.09	4.9	221
457603		11.80	6.23	0.11	1.2	0.346	0.101	1.02	19.5	6.2	0.91	427	106.5	0.09	4.2	239
457604		13.45	8.47	0.12	1.5	0.294	0.101	1.31	24.4	8.0	0.77	558	131.0	0.04	4.6	307
457605		11.15	21.2	0.12	4.0	0.108	0.087	3.52	41.4	14.4	1.13	325	21.9	0.37	11.7	119.5
457606		10.50	22.0	0.11	3.8	0.065	0.090	3.72	30.3	14.7	0.98	220	15.50	0.26	6.7	115.0
457607		5.11	24.6	0.10	1.7	0.011	0.098	4.07	11.0	2.8	1.75	448	1.30	3.45	14.2	67.2
457608		11.45	19.45	0.13	3.3	0.117	0.101	3.11	38.1	13.6	0.73	147	15.85	1.04	6.2	144.0
457609		11.45	17.80	0.13	3.5	0.137	0.108	3.14	39.5	14.9	1.47	366	17.60	0.48	8.6	151.5
457610		11.60	16.65	0.12	4.3	0.139	0.094	2.74	33.9	13.1	0.94	273	15.35	0.14	5.9	128.0
457611		0.15	0.36	0.13	0.1	0.016	<0.005	0.08	0.9	13.8	13.55	307	0.20	0.03	0.2	1.0
457612		13.15	12.10	0.12	2.6	0.188	0.072	1.93	27.7	9.1	1.46	438	14.00	0.08	6.5	68.0
457613																
457614																
457615																
457616																
457617																
457618																
457619																
457620																

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CERTIFICATE OF ANALYSIS VO17206093

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
457601		690	68.9	32.2	0.059	>10.0	5.58	5.4	12	0.7	80.6	0.30	0.27	2.78	0.086	2.68
457602		700	69.5	32.3	0.048	>10.0	5.67	5.5	11	0.8	80.6	0.32	0.31	2.86	0.092	2.66
457603		1310	86.2	31.1	0.081	>10.0	6.72	5.4	11	0.8	39.5	0.32	0.42	2.92	0.081	2.55
457604		1450	86.5	40.4	0.085	>10.0	5.65	6.4	13	1.0	43.1	0.32	0.44	3.71	0.100	2.96
457605		270	40.5	88.9	0.028	9.76	2.48	17.3	5	2.0	60.0	0.77	0.48	6.41	0.265	5.37
457606		240	28.3	88.8	0.018	7.66	1.66	18.7	3	2.0	55.8	0.39	0.37	4.92	0.257	5.11
457607		970	152.5	386	0.002	2.77	1.69	5.3	3	1.1	266	1.07	0.36	1.42	0.495	1.54
457608		280	38.7	75.1	0.018	8.82	2.21	16.0	4	1.7	50.2	0.38	0.53	4.77	0.211	3.76
457609		240	48.3	73.2	0.019	9.08	2.90	14.4	5	1.8	74.2	0.57	0.53	5.30	0.211	3.65
457610		420	40.4	66.1	0.012	8.54	2.12	13.4	5	1.8	50.8	0.35	1.12	4.33	0.162	3.12
457611		60	1.3	2.0	<0.002	0.03	0.19	0.2	1	<0.2	107.5	<0.05	<0.05	0.16	0.008	0.10
457612		260	60.8	46.9	0.014	>10.0	2.98	10.6	6	1.5	64.9	0.40	2.22	3.18	0.158	2.17
457613																
457614																
457615																
457616																
457617																
457618																
457619																
457620																

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
457601		27.5	643	1.8	11.3	1090	39.6
457602		28.2	643	1.9	11.5	1100	40.9
457603		37.9	1000	2.0	21.1	2050	48.8
457604		43.5	1120	2.7	25.3	1810	61.4
457605		14.3	247	1.4	12.0	603	146.0
457606		11.6	189	1.1	9.7	425	140.0
457607		0.6	63	0.6	6.5	231	74.9
457608		14.0	193	0.8	11.0	641	131.5
457609		14.5	217	1.0	11.8	709	134.0
457610		9.2	152	0.9	11.9	395	183.5
457611		0.3	3	0.3	0.7	10	2.6
457612		7.0	123	1.0	8.8	319	106.5
457613							
457614							
457615							
457616							
457617							
457618							
457619							
457620							

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206093

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206119

Project: KAN

P.O. No.: KANDH17- 035

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

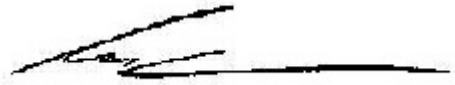
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206119

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454681		2.37	<0.001	0.02	0.36	5.6	40	0.87	0.03	1.78	0.02	12.75	2.9	42	0.33	3.7
454682		<0.02	<0.001	0.02	0.36	6.2	50	0.79	0.03	1.95	0.02	11.90	3.0	32	0.35	3.2
454683		2.45	<0.001	0.02	0.09	17.9	10	0.57	0.03	6.91	0.03	15.30	4.6	35	0.10	5.1
454684		2.19	<0.001	0.02	0.05	16.1	<10	0.23	0.03	0.98	0.02	7.80	2.2	79	<0.05	5.0
454685		1.46	<0.001	0.18	0.17	216	<10	0.25	0.09	1.27	0.04	56.0	16.1	87	<0.05	78.7
454686		3.15	0.007	0.35	3.01	8.2	160	4.95	0.37	1.36	4.53	51.5	25.2	94	2.43	200
454687		0.11	1.340	1.02	7.67	103.0	110	5.05	2.47	2.18	2.65	23.7	18.6	62	2.44	60.0
454688		1.95	0.003	0.25	4.92	9.3	200	2.07	0.21	0.42	0.88	62.4	10.4	64	3.49	74.3
454689		2.51	0.005	0.39	5.01	144.0	130	1.92	0.27	2.55	0.08	73.9	23.0	64	3.03	140.0
454690		2.52	0.007	0.29	8.44	5.0	200	2.84	0.22	0.81	1.37	72.5	11.5	112	6.29	75.3
454691		0.29	<0.001	<0.01	0.09	<0.2	10	0.09	0.02	29.6	<0.02	1.27	0.5	3	<0.05	1.2
454692		2.01	0.004	0.32	8.01	29.5	180	1.92	0.38	0.57	1.51	60.6	27.3	98	5.55	90.8
454693		2.20	0.003	0.33	7.28	27.1	160	1.52	0.33	1.80	1.19	55.4	36.1	82	4.73	89.2
454694		2.45	0.005	0.32	9.95	12.4	240	2.15	0.34	0.08	4.63	67.0	23.8	113	7.62	95.2
454695		2.18	0.004	0.27	8.74	11.5	200	1.91	0.26	0.81	2.44	62.3	19.6	99	6.23	74.0
454696		0.13	8.63	1.63	7.60	106.0	190	3.79	3.27	1.91	4.15	25.0	17.1	57	2.54	105.5
454697		2.62	0.005	0.22	8.30	46.5	200	2.65	0.16	1.54	1.49	141.5	10.3	81	5.93	50.9
454698		2.24	0.003	0.34	4.89	159.0	130	1.49	0.21	2.15	0.06	48.0	18.7	73	2.83	113.0
454699		2.00	0.003	0.32	6.22	16.2	250	2.09	0.23	1.32	2.86	61.0	31.2	81	4.37	76.3
454700		2.73	0.008	0.27	4.36	9.3	200	1.79	0.26	1.04	2.64	71.3	24.8	124	2.84	125.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206119

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454681		14.30	1.77	0.06	0.3	0.036	<0.005	0.12	8.7	8.0	2.62	2210	2.77	0.01	1.3	10.7
454682		14.55	1.78	0.05	0.2	0.039	<0.005	0.12	8.0	8.2	2.68	2270	2.04	0.01	1.2	9.9
454683		14.95	0.68	0.06	0.2	0.014	0.006	0.03	8.9	3.0	4.31	3200	2.09	<0.01	2.2	14.3
454684		9.82	0.33	<0.05	0.1	0.029	<0.005	0.01	4.1	1.1	1.61	1660	4.73	<0.01	2.6	11.5
454685		11.85	1.10	0.08	0.7	0.060	0.025	0.01	30.8	3.0	2.08	2320	3.61	<0.01	8.3	45.0
454686		11.25	11.15	0.09	2.5	0.570	0.148	1.30	28.4	23.1	0.83	321	28.2	0.06	9.9	112.5
454687		5.03	24.1	0.08	1.6	0.008	0.091	3.85	11.2	2.7	1.63	414	1.39	3.29	14.2	69.2
454688		6.83	15.50	0.09	3.7	0.266	0.077	2.05	34.6	27.5	0.59	162	16.25	0.10	16.4	63.2
454689		14.15	16.75	0.12	8.1	0.186	0.060	1.84	37.8	36.5	2.12	1300	10.70	0.10	41.3	95.8
454690		9.30	24.0	0.13	5.7	0.256	0.120	3.42	42.7	28.7	0.81	437	15.15	0.21	25.8	79.9
454691		0.23	0.30	<0.05	0.1	0.009	<0.005	0.02	1.3	1.5	2.81	150	0.21	0.03	0.3	1.5
454692		12.95	21.5	0.12	4.2	0.361	0.112	2.94	35.8	39.9	1.04	329	15.75	0.19	14.7	102.0
454693		14.30	18.70	0.12	3.3	0.386	0.098	2.47	32.2	42.1	1.62	850	14.00	0.20	10.9	107.5
454694		9.30	25.3	0.14	4.1	0.708	0.165	3.97	40.6	24.7	0.28	26	21.4	0.42	11.5	89.7
454695		10.25	21.9	0.11	3.7	0.489	0.128	3.30	37.4	34.1	0.88	391	17.70	0.30	9.2	87.7
454696		5.27	23.8	0.09	1.5	0.015	0.150	4.32	12.5	2.7	1.48	389	1.40	3.05	12.8	62.1
454697		7.22	31.0	0.22	18.7	0.313	0.130	3.35	70.2	36.6	1.21	498	15.85	0.20	107.0	57.2
454698		13.50	13.65	0.10	2.8	0.195	0.067	1.71	26.6	42.7	1.98	1510	12.60	0.09	10.6	87.9
454699		9.17	17.35	0.12	3.9	0.713	0.158	2.68	34.2	33.9	1.00	433	16.50	0.13	20.8	73.2
454700		10.20	14.75	0.11	3.7	0.703	0.141	1.82	38.8	31.6	0.89	345	18.90	0.08	19.1	124.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206119

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454681		200	1.5	5.5	<0.002	0.34	0.16	0.8	1	0.2	22.5	0.06	<0.05	0.58	0.022	0.19
454682		210	1.1	5.7	<0.002	0.34	0.18	0.8	1	0.2	23.1	0.05	<0.05	0.47	0.021	0.20
454683		310	1.6	1.5	<0.002	0.46	0.26	0.7	1	<0.2	66.7	0.10	<0.05	0.25	0.027	0.06
454684		330	1.0	0.3	<0.002	0.48	0.41	0.4	1	<0.2	16.3	0.18	<0.05	0.42	0.029	<0.02
454685		1080	6.8	0.3	<0.002	3.21	1.43	2.6	1	0.3	30.9	0.51	0.29	1.86	0.106	0.03
454686		630	22.7	38.4	0.021	6.21	4.90	8.7	5	2.7	31.1	0.57	0.55	3.84	0.146	1.54
454687		890	140.5	349	0.002	2.58	1.51	5.4	4	1.1	243	1.07	0.40	1.36	0.454	1.41
454688		580	17.4	55.3	0.018	3.86	3.95	11.2	3	2.5	23.1	1.02	0.29	5.04	0.234	2.27
454689		780	24.2	46.0	0.007	7.33	4.79	11.4	3	2.9	57.6	2.83	0.37	7.65	0.218	1.98
454690		430	17.1	80.3	0.017	4.83	3.46	16.0	3	3.0	47.9	1.17	0.29	6.57	0.301	3.75
454691		50	0.5	0.5	<0.002	0.01	0.11	0.2	1	<0.2	68.8	<0.05	<0.05	0.13	0.007	0.02
454692		410	25.5	68.1	0.016	7.35	4.65	17.1	3	2.3	43.8	0.92	0.56	5.37	0.301	3.28
454693		450	20.2	58.0	0.015	7.51	3.55	19.1	4	1.9	59.5	0.70	0.44	4.58	0.246	2.82
454694		250	24.9	96.0	0.021	5.64	4.02	15.2	3	2.9	80.3	0.71	0.44	5.73	0.366	4.63
454695		360	20.2	80.1	0.018	5.32	3.23	15.6	3	2.5	63.6	0.53	0.31	5.07	0.278	3.84
454696		810	164.0	460	0.002	3.10	1.84	4.7	3	1.1	231	0.86	0.71	1.36	0.428	1.86
454697		480	16.3	81.5	0.014	3.35	2.82	13.8	2	6.4	51.7	7.00	0.24	16.00	0.291	3.43
454698		900	21.2	44.7	0.011	6.43	4.74	14.4	2	1.7	41.9	0.62	0.35	3.71	0.226	1.85
454699		500	20.8	71.9	0.017	5.15	4.35	15.0	3	3.3	36.0	1.23	0.36	5.23	0.297	2.96
454700		600	19.5	50.9	0.019	5.48	4.04	8.4	4	2.2	27.5	1.16	0.47	6.38	0.203	1.97

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206119

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454681		0.9	13	0.3	4.7	8	10.5
454682		0.9	13	0.4	4.7	8	9.1
454683		1.5	14	0.5	8.8	8	7.6
454684		1.4	8	0.4	3.8	7	5.1
454685		3.6	24	1.7	12.2	26	34.2
454686		7.6	176	1.9	9.4	683	102.0
454687		0.7	58	0.5	6.4	219	71.7
454688		9.5	171	1.3	9.5	194	148.5
454689		6.8	98	1.2	16.7	62	294
454690		11.2	175	1.6	12.7	295	210
454691		0.3	1	<0.1	2.0	5	2.4
454692		10.1	173	1.3	10.3	340	154.0
454693		9.4	152	1.0	9.0	305	124.5
454694		14.5	223	1.6	9.8	962	155.0
454695		12.0	196	1.2	8.8	568	138.5
454696		0.9	54	0.5	6.0	324	66.6
454697		11.3	146	1.6	42.1	367	>500
454698		7.3	120	1.2	8.8	81	109.5
454699		10.8	192	1.3	9.4	807	156.0
454700		8.7	184	1.0	10.1	768	151.5

***** See Appendix Page for comments regarding this certificate *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206119

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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Finalized Date: 13- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206121

Project: KAN

P.O. No.: KANDH17- 037

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

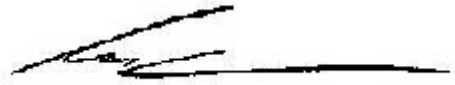
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206121

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454721		2.15	0.001	0.05	7.84	0.4	400	1.95	0.23	0.29	0.07	51.2	13.1	80	5.11	24.7
454722		<0.02	0.001	0.03	7.87	0.8	400	2.19	0.18	0.24	0.06	51.7	12.5	81	4.90	23.1
454723		2.27	<0.001	0.06	5.03	0.3	340	2.06	0.12	0.49	0.09	40.4	14.7	50	7.56	11.3
454724		1.89	<0.001	0.08	4.77	0.7	300	1.91	0.10	0.35	0.22	36.2	13.4	54	7.71	21.1
454725		2.05	0.001	0.05	4.93	<0.2	320	1.66	0.17	0.38	0.04	36.1	12.8	56	8.99	15.8
454726		2.08	<0.001	0.02	5.53	3.9	400	1.82	0.12	0.66	0.08	36.6	19.0	86	12.05	20.8
454727		0.12	1.355	1.04	8.09	104.5	120	5.02	2.88	2.28	2.69	24.4	18.8	62	2.64	62.0
454728		1.95	<0.001	0.31	5.46	0.4	330	1.59	0.05	1.08	0.29	31.9	12.6	83	4.31	62.1
454729		3.06	0.015	1.94	5.14	0.7	70	1.38	0.34	1.06	2.94	48.0	67.5	94	1.74	326
454730		2.51	0.009	0.81	0.20	1.0	10	0.07	0.17	5.52	0.13	10.15	7.5	10	0.15	115.0
454731		0.27	<0.001	<0.01	0.07	<0.2	10	0.06	0.01	34.0	0.02	1.15	0.5	2	<0.05	1.4
454732		2.35	0.020	1.48	0.25	2.6	10	0.08	0.45	5.52	0.18	10.50	23.1	14	0.28	254
454733		2.49	0.018	1.50	0.20	0.5	10	0.09	0.36	4.45	0.14	10.05	6.3	11	0.17	189.0
454734		2.32	0.023	2.13	4.45	1.5	60	1.24	0.37	1.16	0.94	45.1	42.8	74	1.71	239
454735		2.18	0.011	1.41	6.26	0.6	190	1.12	0.67	1.73	3.13	27.6	14.5	126	2.68	179.0
454736		0.13	8.73	1.61	7.96	108.5	200	4.00	3.46	2.01	4.26	26.4	18.3	58	2.69	109.5
454737		2.64	0.020	1.65	4.89	1.1	130	0.83	0.26	3.25	2.19	25.3	28.3	96	1.94	251
454738		2.33	0.013	1.53	6.03	2.8	120	1.24	0.48	1.41	4.66	48.0	39.9	100	2.32	198.0
454739		2.01	0.024	0.80	7.67	59.1	130	1.69	0.22	1.54	6.47	62.0	24.8	79	2.53	58.0
454740		2.16	0.023	1.12	5.20	15.0	140	1.38	0.71	2.29	2.27	52.2	10.8	63	1.95	155.5

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206121

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454721		8.43	19.75	0.14	2.2	<0.005	0.044	3.76	25.2	25.2	1.27	4920	1.05	0.10	6.7	28.7
454722		7.96	19.55	0.14	2.2	<0.005	0.044	3.82	25.1	26.3	1.23	4470	1.01	0.09	6.5	28.5
454723		11.75	13.10	0.13	1.9	<0.005	0.025	2.19	18.6	24.6	1.58	8990	0.44	0.03	5.4	20.3
454724		13.45	12.15	0.14	1.5	0.006	0.027	2.14	17.7	22.8	1.56	11000	0.55	0.01	5.0	19.9
454725		12.90	13.00	0.13	1.6	<0.005	0.025	2.63	16.7	24.1	1.50	10150	0.54	0.02	5.2	20.5
454726		12.30	13.60	0.12	1.9	<0.005	0.032	3.49	16.6	26.2	1.66	9420	3.15	0.03	5.7	33.1
454727		5.24	25.6	0.14	1.7	<0.005	0.099	4.26	10.5	2.9	1.77	471	1.38	3.62	15.2	69.7
454728		12.90	14.50	0.14	1.9	0.006	0.043	2.46	14.4	26.6	3.14	7870	0.63	0.09	4.0	33.2
454729		24.8	15.70	0.21	2.7	0.023	0.092	2.77	24.0	18.3	1.15	735	9.22	0.05	4.5	101.0
454730		15.50	0.99	0.10	0.1	0.005	0.036	0.11	5.8	1.6	4.03	8500	1.13	<0.01	0.8	33.7
454731		0.21	0.22	0.06	0.1	<0.005	<0.005	0.01	1.2	1.0	2.29	192	<0.05	0.04	0.1	<0.2
454732		21.8	1.12	0.12	0.1	0.010	0.022	0.13	6.0	2.1	3.46	8030	1.07	0.01	0.7	81.2
454733		19.25	0.93	0.12	0.1	<0.005	0.023	0.11	5.8	1.5	2.95	7520	0.76	<0.01	0.6	73.8
454734		24.5	13.60	0.20	2.4	0.011	0.084	2.40	22.4	17.1	1.08	787	11.75	0.04	4.1	115.0
454735		16.65	17.65	0.15	2.3	0.024	0.135	3.45	13.3	29.7	1.80	1330	7.19	0.06	3.1	88.0
454736		5.60	25.6	0.14	1.6	0.019	0.155	4.74	12.0	2.6	1.65	440	1.43	3.35	14.0	66.2
454737		20.6	14.15	0.16	1.9	0.025	0.137	2.64	12.0	22.7	2.36	2040	6.11	0.05	3.1	112.5
454738		16.25	17.20	0.17	3.2	0.030	0.179	3.14	24.2	23.4	1.26	883	11.10	0.06	6.0	92.7
454739		12.65	19.85	0.17	3.7	0.142	0.090	3.52	33.8	17.8	1.22	810	19.05	0.72	8.3	96.5
454740		12.40	13.80	0.13	2.2	0.037	0.058	2.65	31.2	12.1	1.14	1020	47.2	0.05	7.5	102.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206121

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454721		250	4.8	137.0	0.002	0.23	0.10	10.5	1	1.4	26.7	0.52	0.05	9.44	0.252	0.50
454722		240	3.8	135.5	0.002	0.21	0.10	10.5	1	1.3	24.2	0.54	0.05	9.51	0.253	0.50
454723		370	4.3	95.5	<0.002	0.10	0.07	7.0	1	0.9	36.8	0.40	<0.05	5.77	0.184	0.47
454724		200	2.5	88.8	<0.002	0.21	0.12	6.7	1	1.0	16.4	0.38	0.07	5.23	0.175	0.46
454725		220	2.6	102.5	<0.002	0.11	0.08	7.0	1	0.9	24.4	0.38	<0.05	5.43	0.182	0.60
454726		360	4.1	144.0	<0.002	0.14	0.07	13.5	1	1.0	49.0	0.42	0.06	5.18	0.321	1.80
454727		960	148.5	380	0.002	2.78	1.59	5.6	5	1.2	261	1.10	0.53	1.29	0.513	1.43
454728		330	3.8	73.6	<0.002	2.37	0.11	16.1	1	1.2	52.5	0.27	0.31	4.42	0.166	1.47
454729		190	14.8	69.1	0.012	>10.0	0.69	11.9	8	2.3	48.1	0.24	2.18	3.62	0.143	1.84
454730		450	12.3	4.9	<0.002	6.25	0.41	0.7	1	<0.2	106.5	<0.05	0.76	0.21	0.007	0.20
454731		80	0.5	0.4	<0.002	0.01	0.06	0.2	1	<0.2	78.1	<0.05	<0.05	0.13	0.005	<0.02
454732		350	29.6	6.1	<0.002	>10.0	1.33	0.7	2	<0.2	119.0	<0.05	1.57	0.24	0.008	0.32
454733		370	21.1	4.5	<0.002	>10.0	1.34	0.6	1	<0.2	100.0	<0.05	1.39	0.21	0.006	0.22
454734		310	19.4	58.9	0.012	>10.0	1.08	12.4	7	3.3	44.4	0.21	1.66	3.34	0.129	2.16
454735		300	97.7	82.3	0.009	7.25	1.02	30.3	5	5.6	61.8	0.16	1.25	1.70	0.197	3.10
454736		880	176.0	480	0.003	3.43	2.02	5.2	3	1.3	246	0.88	0.84	1.42	0.482	1.88
454737		250	62.5	63.9	0.008	9.71	1.16	24.5	6	4.1	107.0	0.17	1.04	1.60	0.172	2.44
454738		370	211	75.1	0.015	8.83	0.82	17.8	6	5.5	49.7	0.34	1.11	3.90	0.177	3.02
454739		270	191.5	75.7	0.025	>10.0	3.59	13.9	7	2.1	43.6	0.50	0.53	5.08	0.220	3.28
454740		870	43.8	64.7	0.048	7.49	1.68	9.3	6	1.7	61.0	0.46	0.58	4.12	0.173	2.55

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206121

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454721		1.8	94	1.3	5.6	85	82.2
454722		1.7	94	1.3	5.6	84	78.2
454723		1.2	52	0.8	4.6	57	74.4
454724		1.1	52	0.7	4.4	89	58.5
454725		1.1	54	0.9	4.2	46	61.2
454726		1.2	113	1.1	4.5	66	68.1
454727		0.7	63	0.6	6.6	244	78.3
454728		1.0	118	1.5	4.2	147	73.1
454729		5.0	108	1.2	5.9	353	112.5
454730		0.3	23	0.1	4.4	42	7.6
454731		0.2	1	<0.1	2.1	3	2.0
454732		0.3	24	0.1	4.3	32	6.4
454733		0.3	20	0.1	4.0	29	5.4
454734		6.1	123	1.1	7.2	163	98.5
454735		3.5	265	0.9	6.4	616	89.2
454736		0.9	59	0.5	6.5	340	73.4
454737		2.6	194	0.7	5.9	613	75.7
454738		8.2	185	1.1	9.6	933	126.5
454739		14.3	244	1.6	13.2	1160	138.5
454740		23.6	464	2.5	13.7	374	83.2

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CERTIFICATE OF ANALYSIS VO17206121

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17206247

Projet: KAN

Bon de commande #: KANDH17- 003

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 22- SEPT- 2017.

Les résultats sont transmis à:

SIMON HEBERT PASCAL SIMARD	SIMON HOULE JAMIE TODD	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17206247

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456141		4.97	<0.001	0.05	6.99	23.4	10	0.36	0.03	6.34	0.11	8.79	51.6	171	0.27	132.0
456142		<0.02	<0.001	0.05	6.88	20.1	10	0.38	0.03	6.09	0.11	8.89	49.1	168	0.27	140.5
456143		4.70	<0.001	0.03	6.85	22.1	10	0.39	0.02	6.28	0.07	10.85	53.6	175	0.25	103.5
456144		5.04	<0.001	0.03	7.33	14.9	20	0.42	0.02	6.56	0.07	9.82	47.0	176	0.58	90.2
456145		4.75	<0.001	0.04	6.79	12.1	10	0.33	0.01	5.95	0.10	10.25	44.5	145	0.83	113.0
456146		5.10	0.001	0.04	7.35	12.6	20	0.38	0.02	6.44	0.10	10.65	51.5	178	0.62	137.5
456147		0.11	1.335	1.02	7.73	102.0	110	4.71	2.60	2.15	2.42	25.8	17.2	60	2.54	56.2
456148		5.06	<0.001	0.03	7.44	5.1	10	0.42	0.02	6.78	0.07	11.60	50.3	180	0.39	114.0
456149		5.05	<0.001	0.01	8.04	1.5	40	0.86	0.02	4.80	0.04	29.7	34.2	145	1.54	44.2
456150		5.23	<0.001	0.11	7.63	3.1	180	1.66	0.02	2.42	0.03	50.1	18.4	98	4.26	21.2
456151		0.32	<0.001	<0.01	0.10	0.3	10	0.05	0.01	33.3	0.02	1.28	0.6	2	0.06	1.0
456152		4.50	<0.001	0.01	8.19	1.4	130	1.63	0.02	1.84	0.02	57.7	16.0	99	3.71	32.0
456153		5.18	0.001	0.02	6.95	16.2	40	0.68	0.02	6.20	0.07	24.6	33.4	117	1.43	74.2
456154		4.56	<0.001	0.01	7.98	12.6	270	1.33	0.01	2.33	0.03	57.5	20.9	119	3.62	8.9
456155		4.85	<0.001	0.04	8.13	13.5	380	1.55	0.01	2.15	0.04	48.5	23.9	128	8.40	40.3
456156		0.11	8.60	1.71	7.58	102.0	190	4.09	3.39	1.86	4.29	28.2	18.2	58	2.56	120.0
456157		4.91	<0.001	0.02	6.90	8.0	50	0.78	0.03	4.64	0.04	15.90	35.4	92	4.16	54.7
456158		4.90	<0.001	0.01	7.15	14.2	20	0.70	0.02	6.90	0.04	12.60	36.1	150	1.48	8.3
456159		4.98	0.007	0.03	7.12	21.2	40	0.59	0.02	6.94	0.09	14.85	43.7	157	2.77	90.7
456160		5.41	<0.001	0.04	7.33	17.7	20	0.58	0.02	6.22	0.09	14.85	47.0	182	1.25	117.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: KAN

CERTIFICAT D'ANALYSE VO17206247

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456141		9.07	14.15	<0.05	0.7	0.036	0.069	0.05	3.2	16.9	5.18	1610	0.22	1.55	2.9	203
456142		8.89	14.55	<0.05	0.6	0.031	0.071	0.05	3.2	17.0	5.06	1550	0.21	1.54	3.0	200
456143		9.03	15.10	<0.05	0.8	0.031	0.071	0.04	3.7	15.4	4.45	1490	0.22	1.04	3.2	162.5
456144		9.10	15.40	<0.05	0.9	0.024	0.082	0.10	3.6	20.8	4.62	1620	0.22	1.36	3.2	142.5
456145		8.96	15.10	<0.05	0.6	0.021	0.081	0.11	3.6	25.2	4.39	1580	0.24	1.25	3.4	130.5
456146		9.28	16.05	<0.05	0.7	0.038	0.076	0.11	3.5	15.2	4.77	1520	0.24	1.50	3.4	163.5
456147		5.08	23.0	0.05	1.6	0.012	0.096	3.95	12.4	2.5	1.62	425	1.28	3.40	15.5	66.2
456148		9.52	16.55	<0.05	0.9	0.033	0.080	0.07	3.8	14.0	4.57	1630	0.26	1.31	3.6	159.5
456149		9.40	18.90	<0.05	1.1	0.015	0.061	0.32	13.0	20.6	3.19	2760	0.44	1.12	5.8	60.9
456150		8.49	20.8	0.05	1.5	0.009	0.026	0.76	22.4	23.3	1.62	3500	0.56	2.55	7.9	31.3
456151		0.23	0.28	<0.05	<0.1	0.019	0.007	0.01	1.4	1.1	2.16	181	<0.05	0.04	0.1	0.5
456152		7.61	20.5	0.05	1.7	0.009	0.026	0.60	26.3	17.3	1.39	3050	0.75	3.70	8.6	35.3
456153		8.66	16.15	<0.05	1.2	0.020	0.060	0.23	11.0	23.3	2.94	2390	0.35	1.74	5.0	53.8
456154		5.82	20.2	0.05	2.3	0.009	0.031	0.94	26.7	24.2	2.00	1470	0.13	3.92	8.3	56.4
456155		6.29	22.8	<0.05	2.1	0.019	0.051	1.58	21.8	33.1	2.28	1680	0.14	3.61	8.6	65.5
456156		5.50	24.8	0.05	1.6	0.018	0.187	4.44	14.4	2.6	1.51	401	1.57	3.28	14.9	67.8
456157		8.90	18.35	<0.05	1.1	0.013	0.096	0.58	5.6	37.5	3.96	2050	0.21	1.63	4.8	63.5
456158		8.09	18.35	<0.05	1.3	0.009	0.077	0.21	3.9	23.9	3.94	1830	0.10	1.92	4.4	76.6
456159		9.13	17.35	<0.05	1.3	0.020	0.079	0.34	5.3	24.4	3.58	1690	0.25	1.28	4.2	79.3
456160		9.72	17.95	<0.05	1.5	0.034	0.087	0.20	5.4	19.8	4.10	1670	0.37	1.27	4.2	74.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206247

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456141		360	1.6	1.5	0.003	0.08	0.47	30.7	1	0.6	147.5	0.19	<0.05	0.26	0.592	0.03
456142		360	1.6	1.5	0.003	0.09	0.45	30.0	1	0.6	148.5	0.19	<0.05	0.29	0.582	0.03
456143		370	2.0	1.3	0.004	0.12	0.62	25.0	1	0.7	212	0.21	<0.05	0.28	0.587	0.03
456144		410	1.5	5.0	0.004	0.08	0.39	35.1	<1	0.7	141.0	0.21	<0.05	0.28	0.631	0.08
456145		400	0.9	6.2	0.005	0.10	0.18	34.2	1	0.7	69.8	0.22	<0.05	0.28	0.666	0.09
456146		390	1.5	5.1	0.005	0.09	0.54	36.6	1	0.7	157.5	0.22	<0.05	0.29	0.669	0.09
456147		910	153.0	358	0.004	2.57	1.55	4.9	4	1.2	246	1.01	0.55	1.35	0.464	1.37
456148		420	1.7	3.3	0.004	0.14	0.64	37.0	1	0.7	179.5	0.23	<0.05	0.34	0.681	0.06
456149		380	3.0	5.5	0.004	0.08	0.62	26.0	<1	0.7	178.0	0.43	<0.05	3.53	0.584	0.26
456150		280	3.6	33.7	0.004	0.13	0.41	16.8	<1	0.6	131.5	0.61	<0.05	8.17	0.374	0.65
456151		60	<0.5	0.6	<0.002	<0.01	0.08	0.3	1	<0.2	81.8	<0.05	<0.05	0.11	0.007	<0.02
456152		250	3.4	32.3	0.004	0.21	0.31	13.0	<1	0.6	118.5	0.68	<0.05	9.75	0.350	0.60
456153		410	2.7	14.1	0.003	0.10	0.26	30.9	1	0.9	123.5	0.35	<0.05	2.53	0.630	0.22
456154		320	2.5	35.1	0.003	<0.01	0.13	19.6	<1	1.0	45.6	0.62	<0.05	6.75	0.460	0.53
456155		370	2.5	73.0	0.003	0.04	0.15	23.3	1	1.1	43.0	0.61	<0.05	6.59	0.478	1.24
456156		840	188.5	410	0.005	3.16	1.96	5.2	3	1.3	238	0.91	0.91	1.58	0.435	1.83
456157		510	1.5	39.8	0.004	0.14	0.22	40.3	1	1.6	56.5	0.32	<0.05	0.82	0.796	0.66
456158		410	2.5	13.7	0.003	<0.01	0.51	44.0	<1	1.8	158.0	0.29	<0.05	0.48	0.794	0.21
456159		460	2.4	24.7	0.004	0.05	0.45	40.5	1	0.8	151.5	0.27	<0.05	0.72	0.737	0.30
456160		450	2.1	10.8	0.003	0.08	0.65	42.2	1	0.8	171.5	0.27	<0.05	0.64	0.748	0.14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206247

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456141		0.1	296	0.5	20.0	92	16.4
456142		0.1	284	0.5	20.2	89	17.3
456143		0.1	296	0.5	22.3	89	28.0
456144		0.1	319	0.5	22.2	83	19.9
456145		0.1	331	0.4	22.7	86	17.2
456146		0.1	337	0.3	23.3	85	20.2
456147		0.7	60	0.8	6.8	209	73.8
456148		0.1	336	0.3	23.8	90	22.2
456149		1.0	272	0.5	19.3	74	42.1
456150		1.9	159	0.7	15.7	50	57.9
456151		0.1	2	<0.1	2.5	4	1.7
456152		2.1	131	0.5	13.8	45	64.4
456153		0.6	284	3.0	21.7	71	48.3
456154		2.2	186	2.1	16.4	28	81.6
456155		2.3	214	0.5	16.8	23	80.7
456156		0.9	56	0.6	6.8	328	73.4
456157		0.2	370	0.6	27.4	37	50.3
456158		0.1	374	0.5	27.7	46	54.5
456159		0.2	361	0.4	26.9	68	43.6
456160		0.2	368	0.4	26.8	77	55.0

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CERTIFICAT D'ANALYSE VO17206247

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

CERTIFICATE VO17209167

Project: KAN

P.O. No.: KANDH17- 048

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 25- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

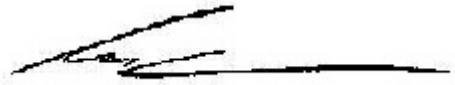
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: SIMON HOULE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209167

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
457441		2.57	0.001	0.11	6.34	1.2	70	0.33	0.02	7.32	0.17	7.38	61.5	2	2.27	280
457442		<0.02	0.003	0.13	6.35	0.8	70	0.30	0.02	7.41	0.20	7.42	63.6	1	2.36	305
457443		2.68	<0.001	0.02	5.94	0.7	210	0.39	0.02	7.34	0.15	7.90	67.4	1	7.74	86.9
457444		2.59	<0.001	0.02	5.55	1.2	70	0.27	0.01	7.85	0.13	9.23	61.0	<1	2.55	54.4
457445		2.49	<0.001	0.02	5.14	1.5	180	0.29	0.01	8.74	0.13	8.36	56.8	1	5.26	22.5
457446		2.61	<0.001	0.03	5.67	1.2	100	0.51	0.01	6.61	0.14	10.05	62.6	1	4.70	22.0
457447		0.11	1.325	1.11	7.79	105.5	120	4.54	2.61	2.26	2.71	24.9	19.5	62	2.58	65.8
457448		2.56	<0.001	0.02	5.83	0.5	260	0.52	0.01	5.63	0.10	13.45	54.5	<1	12.25	20.9
457449		2.47	0.001	0.02	5.28	0.6	110	0.30	0.01	7.32	0.13	13.85	45.6	<1	4.50	17.1
457450		2.26	<0.001	0.02	5.72	1.3	90	0.43	0.01	4.64	0.10	23.5	37.3	1	3.50	38.8
457451		0.26	0.001	0.01	0.08	0.9	100	0.07	0.02	19.15	0.04	0.97	0.9	1	0.31	1.7
457452		2.36	<0.001	0.03	5.76	0.5	290	0.93	<0.01	3.18	0.11	51.5	13.0	1	11.70	30.5
457453		2.36	<0.001	0.01	5.80	0.8	330	1.16	0.01	2.54	0.10	52.1	11.7	2	13.55	3.0
457454		3.26	<0.001	<0.01	5.72	0.8	270	1.03	<0.01	2.21	0.09	52.6	13.3	2	8.56	4.9
457455		3.40	<0.001	0.01	8.48	0.5	1510	2.24	<0.01	0.23	<0.02	67.1	10.4	80	5.99	6.9
457456		0.13	8.47	1.74	7.81	116.5	210	4.12	3.39	1.97	4.09	27.1	19.2	58	2.58	120.0
457457		2.27	0.002	0.01	7.94	1.1	1380	2.04	0.01	0.56	0.04	64.4	9.3	66	4.22	1.4
457458		2.41	<0.001	0.04	7.71	1.4	1330	1.80	0.02	0.48	0.07	67.0	10.8	61	3.99	6.7
457459		2.34	<0.001	0.05	7.28	0.8	1160	1.62	0.03	0.58	0.06	67.7	10.9	54	4.98	25.3
457460		2.22	0.008	0.02	7.57	0.5	1120	1.81	0.01	0.31	0.26	64.3	15.9	74	9.63	20.3

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209167

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
457441		12.95	17.95	0.06	1.0	0.019	0.074	0.50	2.6	11.8	3.58	1580	0.17	1.12	2.3	38.2
457442		13.00	18.50	0.05	0.9	0.016	0.079	0.51	2.7	11.7	3.58	1580	0.17	1.15	2.4	40.0
457443		13.70	17.80	0.06	0.9	0.013	0.087	1.47	2.9	18.9	3.29	1720	0.22	1.07	2.5	14.4
457444		12.65	16.45	0.06	1.1	0.012	0.078	0.54	3.1	13.2	3.07	1880	0.18	1.01	2.8	6.3
457445		11.90	15.20	0.06	0.9	0.015	0.074	0.98	2.8	18.0	2.82	1930	0.23	0.73	2.6	3.5
457446		13.40	17.60	0.06	1.0	0.014	0.090	0.86	3.3	19.4	3.07	2090	0.69	0.71	3.0	2.1
457447		5.20	24.5	0.10	1.6	0.019	0.106	4.23	11.8	3.0	1.73	459	1.35	3.58	16.1	70.5
457448		12.70	19.10	0.07	1.1	0.038	0.098	1.92	4.7	30.2	2.60	2020	0.44	0.73	3.9	0.7
457449		12.25	17.45	0.07	1.2	0.044	0.102	0.77	4.8	21.5	2.18	2580	0.38	0.83	4.8	0.2
457450		13.10	19.00	0.09	1.8	0.043	0.130	0.61	9.1	22.3	2.09	2540	0.69	1.18	8.4	0.3
457451		0.21	0.29	0.09	<0.1	0.032	<0.005	0.03	0.5	11.4	12.70	322	0.05	0.02	0.1	0.5
457452		11.10	22.3	0.11	5.1	0.035	0.199	1.73	20.2	18.6	0.76	2050	0.81	2.01	16.9	0.3
457453		10.20	23.4	0.13	6.2	0.028	0.184	2.07	20.0	24.3	0.60	1900	0.90	2.21	17.0	0.3
457454		9.74	23.0	0.12	7.0	0.028	0.165	1.83	20.9	26.4	1.11	1920	0.93	1.80	16.0	0.7
457455		4.68	21.4	0.11	3.2	0.010	0.032	4.71	33.6	34.3	1.24	548	0.98	1.05	9.6	32.3
457456		5.51	24.5	0.12	1.5	0.027	0.162	4.79	13.6	3.2	1.59	429	1.39	3.33	14.7	65.4
457457		3.14	19.50	0.12	4.7	0.008	0.017	4.48	34.2	31.4	1.25	496	2.02	1.16	7.7	33.2
457458		2.90	18.80	0.13	5.2	0.007	0.014	4.04	34.9	32.4	1.30	400	1.60	1.58	7.6	33.9
457459		3.96	17.80	0.13	4.9	0.011	0.018	3.67	34.9	31.6	1.39	561	1.66	1.92	6.6	26.7
457460		7.14	19.70	0.13	2.5	0.022	0.023	4.99	34.3	48.3	1.93	1060	0.60	0.25	6.9	30.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209167

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
457441		280	3.7	15.9	0.004	0.37	0.67	51.0	2	0.7	111.5	0.16	<0.05	0.28	1.145	0.10
457442		280	3.8	16.7	0.003	0.39	0.69	51.7	2	0.8	115.0	0.15	<0.05	0.30	1.140	0.10
457443		300	3.4	51.3	0.003	0.28	0.54	51.1	1	0.8	89.8	0.16	<0.05	0.28	1.150	0.27
457444		340	3.2	15.8	0.004	0.30	0.44	46.7	1	0.7	94.9	0.18	<0.05	0.32	1.105	0.08
457445		330	5.0	31.7	0.006	0.17	0.31	43.7	1	0.6	107.5	0.17	<0.05	0.28	1.080	0.18
457446		350	3.4	27.7	0.038	0.19	0.37	52.3	1	0.7	105.0	0.19	<0.05	0.32	1.540	0.14
457447		970	165.5	366	0.002	2.71	1.76	5.0	4	1.1	265	1.03	0.49	1.19	0.493	1.40
457448		440	5.6	65.9	0.007	0.18	0.21	53.1	1	0.7	123.5	0.26	<0.05	0.52	1.580	0.34
457449		440	4.1	26.4	0.003	0.11	0.13	48.6	1	0.5	150.0	0.31	<0.05	0.63	1.740	0.14
457450		1180	2.8	20.9	0.002	0.29	0.13	48.3	1	0.8	128.5	0.54	<0.05	1.00	1.880	0.11
457451		50	1.7	0.9	<0.002	<0.01	0.13	0.4	1	<0.2	128.5	<0.05	<0.05	0.07	0.015	0.05
457452		1820	3.1	57.0	<0.002	0.36	0.11	24.1	1	1.6	115.0	0.97	<0.05	2.34	0.732	0.29
457453		1470	4.5	71.4	<0.002	0.04	0.10	21.0	<1	1.3	111.0	0.98	<0.05	2.61	0.608	0.37
457454		1680	3.0	67.3	<0.002	0.06	0.09	22.1	1	0.7	84.2	0.93	<0.05	3.00	0.708	0.34
457455		310	3.2	91.7	0.002	0.07	0.14	11.6	<1	0.7	26.9	0.67	<0.05	12.10	0.309	0.42
457456		880	191.0	490	0.003	3.23	2.14	4.8	3	1.2	250	0.89	0.84	1.38	0.461	1.84
457457		300	6.7	102.0	0.004	0.01	0.13	9.7	<1	0.6	32.9	0.58	<0.05	13.60	0.282	0.33
457458		270	34.2	95.6	0.003	0.02	0.14	9.0	1	0.6	38.7	0.57	<0.05	13.65	0.272	0.32
457459		1300	41.0	100.0	0.003	0.12	0.11	7.9	1	0.7	47.7	0.48	<0.05	13.30	0.236	0.42
457460		560	2.2	153.0	<0.002	0.29	0.11	10.0	1	0.8	21.1	0.51	<0.05	11.80	0.253	0.80

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209167

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
457441		0.1	1160	0.4	17.3	104	26.8
457442		0.1	1160	0.3	17.8	103	27.4
457443		0.1	1190	0.3	19.2	113	50.5
457444		0.1	993	0.3	20.3	109	37.5
457445		0.1	894	0.3	19.2	110	33.9
457446		0.1	856	0.4	21.3	125	35.1
457447		0.7	65	0.8	6.4	247	75.3
457448		0.2	540	0.3	26.0	123	42.4
457449		0.2	363	0.3	27.3	123	47.0
457450		0.3	142	0.4	42.4	130	72.9
457451		0.3	4	0.1	0.8	13	1.5
457452		0.6	2	0.3	51.6	108	221
457453		0.6	1	0.2	43.7	108	272
457454		0.8	3	0.3	40.7	112	276
457455		2.2	89	1.0	11.6	47	121.5
457456		0.9	59	0.5	6.4	343	69.6
457457		2.9	98	1.0	8.6	47	183.0
457458		3.2	91	0.9	8.1	63	198.0
457459		6.2	64	0.7	12.1	95	185.5
457460		3.5	101	1.2	9.5	209	93.3

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CERTIFICATE OF ANALYSIS VO17209167

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalized Date: 19- OCT- 2017
Account: MINVIR

CERTIFICATE VO17209172

Project: KAN

P.O. No.: KANDH17- 047

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 25- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

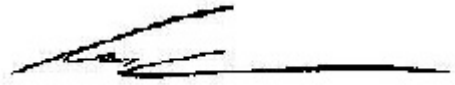
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: SIMON HOULE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Project: KAN

CERTIFICATE OF ANALYSIS VO17209172

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
457421		2.39	<0.001	0.05	7.29	1.1	10	0.31	0.01	8.22	0.17	8.63	41.7	162	0.09	161.0
457422		<0.02	<0.001	0.06	7.53	0.8	10	0.27	0.01	8.39	0.17	8.73	41.9	166	0.10	158.5
457423		2.61	<0.001	0.08	7.09	0.7	20	0.32	0.02	7.69	0.20	9.03	43.9	143	0.09	189.5
457424		2.53	<0.001	0.02	6.85	0.9	60	0.28	0.01	7.54	0.10	10.70	40.0	95	0.08	55.3
457425		2.48	<0.001	0.04	7.44	0.8	<10	0.29	0.01	7.63	0.15	11.60	41.5	79	0.08	131.5
457426		2.47	<0.001	0.05	7.38	0.7	<10	0.29	0.01	8.18	0.18	9.40	40.7	55	0.07	161.5
457427		0.12	1.305	1.08	8.09	112.0	120	4.53	2.74	2.31	2.65	26.7	19.5	63	2.63	61.3
457428		2.53	0.006	0.06	7.67	1.2	10	0.30	0.03	7.77	0.16	9.96	40.5	38	0.07	162.5
457429		2.49	<0.001	0.04	7.34	1.3	10	0.25	0.02	7.50	0.13	9.74	44.2	28	0.07	90.9
457430		2.61	<0.001	0.04	7.35	0.9	<10	0.28	0.01	7.72	0.12	10.15	46.0	30	0.08	90.4
457431		0.27	0.002	0.01	0.08	1.1	140	0.05	0.03	19.10	0.05	1.69	0.6	1	0.49	1.6
457432		2.40	0.001	0.04	7.33	0.7	<10	0.30	0.01	7.22	0.10	8.51	44.6	34	0.07	80.5
457433		2.27	<0.001	0.03	7.89	0.3	<10	0.28	0.01	6.83	0.10	10.30	49.5	34	0.10	51.7
457434		2.59	0.001	0.01	7.32	2.6	10	0.26	0.01	7.07	0.08	8.39	45.3	43	0.09	21.4
457435		2.53	0.007	0.17	6.65	2.0	10	0.30	0.01	7.45	0.25	7.30	59.8	11	0.15	375
457436		0.13	8.57	1.62	7.98	105.5	200	3.74	3.31	2.02	3.81	26.7	18.1	60	2.70	109.0
457437		2.50	0.011	0.25	6.43	1.1	10	0.33	0.02	7.43	0.33	7.44	61.1	8	0.34	429
457438		2.47	0.008	0.24	5.75	0.5	20	0.32	0.02	7.32	0.31	6.42	67.7	7	0.72	519
457439		2.65	0.002	0.11	6.48	0.6	10	0.29	0.02	7.51	0.20	7.57	54.3	10	0.30	185.0
457440		2.64	0.002	0.07	6.50	0.7	20	0.31	0.02	7.69	0.17	7.29	54.5	2	0.69	134.0

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209172

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
457421		7.91	15.75	0.07	0.6	0.014	0.066	0.04	3.0	9.7	4.66	1470	0.19	1.27	2.6	79.3
457422		8.10	15.65	0.07	0.6	0.014	0.067	0.03	3.1	9.3	4.84	1500	0.20	1.29	2.6	81.0
457423		8.20	15.55	0.07	0.7	0.015	0.079	0.03	3.0	8.5	4.67	1480	0.34	1.21	2.8	72.6
457424		8.32	15.45	0.07	0.9	0.012	0.076	0.03	3.4	8.1	4.55	1480	0.20	1.18	3.5	66.0
457425		8.15	16.65	0.07	0.9	0.012	0.076	0.03	3.7	8.5	4.68	1480	0.25	1.67	3.8	66.7
457426		8.48	16.50	0.06	0.7	0.015	0.074	0.03	3.1	7.9	4.16	1560	0.21	1.32	3.0	56.4
457427		5.23	24.7	0.11	1.6	0.024	0.101	4.40	12.8	3.0	1.75	461	1.30	3.61	16.0	69.6
457428		8.51	17.55	0.07	0.6	0.016	0.087	0.03	3.3	8.3	3.66	1470	0.24	1.40	3.1	56.2
457429		8.91	16.95	0.06	0.6	0.017	0.071	0.03	3.3	8.9	3.86	1500	0.24	1.31	3.0	56.6
457430		9.11	17.20	0.07	0.7	0.016	0.076	0.03	3.3	8.1	4.19	1590	0.20	1.62	2.9	55.7
457431		0.14	0.30	0.11	0.1	0.033	<0.005	0.02	1.1	11.5	12.35	370	<0.05	0.03	0.1	0.6
457432		8.58	17.25	0.14	1.0	0.010	0.074	0.03	3.0	7.7	3.95	1440	0.19	1.75	2.8	56.3
457433		9.61	18.20	0.16	0.9	0.012	0.078	0.04	3.5	11.0	4.37	1560	0.17	2.07	3.1	58.2
457434		8.74	16.90	0.13	0.8	0.012	0.065	0.05	2.8	8.5	4.02	1420	0.16	2.30	2.8	58.5
457435		11.85	18.50	0.13	0.8	0.016	0.086	0.09	2.5	9.3	3.92	1560	0.15	0.96	2.5	75.6
457436		5.50	24.8	0.18	1.7	0.026	0.154	4.64	12.9	2.3	1.62	421	1.47	3.29	13.4	65.1
457437		12.30	18.95	0.12	0.8	0.019	0.076	0.17	2.6	8.7	3.70	1560	0.18	1.08	2.5	58.9
457438		12.90	17.90	0.13	0.8	0.030	0.073	0.24	2.2	9.5	3.48	1560	0.13	0.72	2.3	114.0
457439		11.90	18.25	0.12	1.2	0.019	0.077	0.15	2.6	8.9	3.63	1540	0.12	1.39	2.6	90.3
457440		11.70	18.10	0.12	0.9	0.014	0.080	0.21	2.7	9.0	3.64	1540	0.11	1.57	2.3	70.6

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
457421		330	3.9	0.5	<0.002	0.09	0.67	44.6	1	0.6	107.5	0.17	<0.05	0.28	0.558	<0.02
457422		340	3.9	0.6	<0.002	0.09	0.71	45.0	1	0.6	108.0	0.17	<0.05	0.24	0.574	<0.02
457423		340	4.1	0.4	0.002	0.12	0.70	47.1	1	0.6	108.0	0.17	<0.05	0.23	0.604	<0.02
457424		460	4.0	0.4	0.002	0.11	0.65	44.1	1	0.6	112.5	0.23	<0.05	0.31	0.670	<0.02
457425		490	3.9	0.3	0.002	0.10	0.63	46.3	1	0.7	115.0	0.24	<0.05	0.32	0.723	<0.02
457426		390	4.0	0.3	0.002	0.15	0.71	44.1	1	0.6	126.0	0.19	<0.05	0.26	0.641	<0.02
457427		970	150.5	393	0.002	2.68	1.63	5.1	3	1.1	267	1.13	0.55	1.37	0.493	1.42
457428		380	3.9	0.4	0.002	0.12	0.67	43.8	1	0.6	151.5	0.20	<0.05	0.27	0.658	<0.02
457429		380	3.6	0.3	0.002	0.07	0.70	46.0	1	0.6	134.0	0.19	<0.05	0.29	0.685	<0.02
457430		320	3.1	0.3	<0.002	0.05	0.76	48.8	1	0.6	129.0	0.19	<0.05	0.32	0.687	<0.02
457431		40	1.8	1.0	<0.002	0.01	0.16	0.3	<1	<0.2	143.0	<0.05	<0.05	0.14	0.007	0.06
457432		350	3.0	0.3	0.002	0.04	0.63	48.7	<1	0.6	119.5	0.18	<0.05	0.27	0.634	<0.02
457433		340	2.6	0.4	0.002	0.04	0.57	51.0	<1	1.1	106.5	0.21	<0.05	0.30	0.677	<0.02
457434		350	2.5	0.5	<0.002	<0.01	0.58	49.8	<1	0.5	105.0	0.17	<0.05	0.26	0.650	<0.02
457435		290	3.3	0.7	0.002	0.19	0.67	51.9	1	0.6	119.5	0.16	<0.05	0.23	0.938	<0.02
457436		870	175.5	500	0.002	3.25	1.85	5.1	3	1.2	242	0.86	0.63	1.49	0.459	2.05
457437		290	3.4	2.4	0.002	0.06	0.57	52.0	1	0.6	113.0	0.15	<0.05	0.23	0.932	0.02
457438		260	3.3	4.6	0.003	0.38	0.64	48.9	2	0.6	95.0	0.16	<0.05	0.20	1.170	0.05
457439		270	3.5	1.7	0.002	0.04	0.60	52.6	1	0.8	107.0	0.17	<0.05	0.26	1.110	<0.02
457440		260	4.4	4.4	<0.002	0.05	0.60	53.8	1	0.9	112.5	0.15	<0.05	0.22	1.060	0.03

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209172

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
457421		0.1	307	0.2	18.7	89	18.1
457422		0.1	313	0.2	19.2	91	17.4
457423		0.1	330	0.2	20.3	97	17.5
457424		0.1	324	0.2	23.7	93	27.9
457425		0.1	334	0.2	24.7	91	27.0
457426		0.1	341	0.2	21.1	97	16.0
457427		0.7	63	0.6	6.6	244	74.9
457428		0.1	348	0.2	21.9	107	17.5
457429		0.1	370	0.2	21.4	102	21.1
457430		0.1	419	0.2	21.4	94	23.8
457431		0.3	3	0.2	0.9	12	1.8
457432		0.1	344	0.2	19.2	83	22.8
457433		0.1	358	0.2	21.3	92	25.9
457434		0.1	355	0.2	19.2	78	26.0
457435		0.1	820	0.4	17.4	91	23.1
457436		0.9	59	0.5	6.3	309	71.3
457437		0.1	876	0.2	17.4	93	22.7
457438		0.1	1050	0.3	15.5	95	20.7
457439		0.1	868	0.3	17.9	93	30.8
457440		0.1	943	0.3	16.9	91	24.8

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CERTIFICATE OF ANALYSIS VO17209172

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

CERTIFICATE VO17209176

Project: KAN

P.O. No.: KANDH17- 049

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 25- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

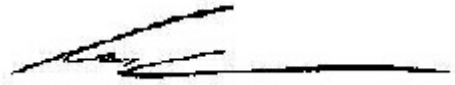
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: SIMON HOULE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209176

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
457461		2.36	0.006	0.02	8.60	<0.2	1180	1.77	0.01	0.27	0.16	72.9	11.7	80	7.25	8.8
457462		<0.02	<0.001	0.02	8.68	0.5	1190	1.73	0.01	0.27	0.17	71.0	11.7	84	7.47	10.2
457463		2.27	<0.001	0.02	8.96	0.5	1020	1.45	0.02	0.24	0.18	65.6	10.2	88	6.58	1.5
457464		2.38	<0.001	0.03	8.86	0.2	970	1.46	0.04	0.18	0.14	66.0	10.2	78	5.61	13.4
457465		2.25	<0.001	0.02	9.34	0.9	990	1.59	0.04	0.12	0.05	71.1	8.1	79	6.26	1.4
457466		2.15	<0.001	<0.01	9.71	0.7	770	1.67	0.01	0.08	0.02	72.3	10.1	84	7.00	4.5
457467		0.11	1.330	1.07	8.05	103.5	120	4.69	2.92	2.24	2.65	25.9	18.1	63	2.65	56.7
457468		2.22	0.002	0.01	9.30	1.0	570	1.56	0.02	0.05	0.10	69.0	10.2	81	6.06	14.4
457469		2.51	0.002	0.04	10.25	1.2	610	2.20	0.02	0.05	0.20	67.3	11.6	92	4.46	19.8
457470		1.66	0.007	0.09	8.50	0.8	480	2.15	0.08	0.06	0.63	64.9	9.5	80	5.66	7.2
457471		0.24	<0.001	<0.01	0.11	0.7	30	0.06	0.01	32.8	0.03	1.49	0.7	1	0.05	4.6
457472		1.93	0.004	0.16	9.24	0.4	620	2.94	0.36	0.11	1.69	68.5	10.6	93	7.10	37.6
457473		2.44	0.013	0.09	5.95	0.4	300	1.51	0.20	0.48	0.61	44.7	14.2	66	6.69	29.6
457474		2.14	0.002	0.07	5.15	0.3	350	1.84	0.15	0.40	0.31	41.7	15.1	55	7.39	13.2
457475		2.34	<0.001	0.03	5.28	0.2	370	1.77	0.11	0.36	0.16	44.4	14.6	59	8.19	7.7
457476		0.11	8.56	1.79	8.32	108.5	210	3.74	3.82	2.08	3.84	28.2	17.5	59	2.78	107.0
457477		2.47	0.002	0.04	4.25	0.6	240	1.44	0.13	0.60	0.06	35.9	13.1	48	7.05	10.9
457478		1.78	0.001	0.03	5.40	0.4	360	1.77	0.08	0.47	0.04	43.1	14.5	59	8.60	9.0
457479		2.20	<0.001	0.04	6.35	0.6	560	2.32	0.22	0.26	0.03	50.9	14.3	72	10.95	12.5
457480		2.44	0.002	0.03	5.64	<0.2	420	2.10	0.18	0.27	0.03	49.4	15.5	58	12.80	11.7

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209176

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
457461		5.83	22.0	0.19	2.1	0.016	0.025	5.42	38.2	34.3	1.73	844	1.11	0.07	7.0	30.4
457462		5.98	22.3	0.20	2.2	0.014	0.027	5.50	37.2	35.3	1.77	868	1.11	0.08	7.0	30.4
457463		5.22	23.0	0.19	2.3	0.005	0.025	5.51	33.5	34.0	1.68	674	0.29	0.28	7.5	30.8
457464		4.56	22.2	0.19	2.5	0.007	0.020	5.46	33.8	30.1	1.34	442	0.54	0.22	7.7	40.9
457465		4.56	22.6	0.22	2.5	0.005	0.015	5.73	37.1	31.6	1.31	420	0.39	0.06	8.1	30.0
457466		5.01	24.7	0.22	2.4	0.007	0.011	6.00	36.9	32.8	1.29	379	0.37	0.06	8.1	33.4
457467		5.14	24.4	0.21	1.8	0.014	0.108	4.04	11.7	2.5	1.68	428	1.41	3.40	14.0	67.4
457468		4.95	24.1	0.21	2.4	0.008	0.026	5.63	35.2	31.4	1.41	443	0.43	0.05	7.7	31.3
457469		4.07	27.1	0.21	3.6	<0.005	0.052	5.77	31.0	28.6	1.15	465	0.77	0.06	9.4	35.4
457470		5.01	21.6	0.20	3.0	0.011	0.047	4.94	33.3	26.5	1.20	688	0.27	0.04	7.4	27.3
457471		0.22	0.33	0.21	0.1	0.058	0.007	0.05	1.4	0.9	2.63	176	<0.05	0.03	0.2	0.6
457472		4.94	23.5	0.20	2.2	0.005	0.058	5.56	34.7	23.5	1.00	723	0.71	0.05	6.8	31.5
457473		11.25	15.00	0.17	1.9	0.019	0.036	2.60	19.8	22.5	1.44	6250	0.71	0.02	5.9	22.9
457474		12.20	13.20	0.15	2.3	0.025	0.024	2.16	17.6	20.0	1.62	8070	0.92	0.02	5.6	21.0
457475		13.85	13.05	0.16	2.2	0.030	0.030	2.33	19.6	20.3	1.76	10500	0.48	0.01	5.7	19.8
457476		5.60	25.3	0.19	1.7	0.019	0.166	4.76	13.3	2.2	1.64	443	1.42	3.37	13.5	64.1
457477		13.45	10.90	0.15	1.6	0.028	0.025	1.79	15.8	19.3	1.62	11300	0.42	0.01	4.6	16.7
457478		14.20	13.55	0.17	2.0	0.028	0.027	2.58	19.1	21.4	1.66	10850	0.24	0.01	5.5	21.6
457479		10.25	15.90	0.18	2.4	0.019	0.037	3.83	23.0	19.8	1.31	7730	0.59	0.02	6.3	26.1
457480		12.30	14.50	0.17	2.1	0.027	0.033	3.26	22.2	24.3	1.47	9070	0.43	0.02	6.0	24.0

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209176

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
457461		370	2.2	129.5	0.002	0.16	0.05	11.0	<1	0.9	19.5	0.58	<0.05	12.45	0.268	0.80
457462		370	2.3	139.5	<0.002	0.18	0.05	11.2	<1	0.9	19.7	0.58	<0.05	12.45	0.272	0.79
457463		260	7.7	113.0	0.002	0.03	0.08	12.0	<1	0.9	20.1	0.62	<0.05	12.70	0.278	0.81
457464		370	14.7	110.0	0.002	0.13	0.08	10.7	<1	0.8	18.5	0.62	<0.05	13.30	0.285	0.65
457465		340	3.0	148.5	<0.002	0.02	0.09	10.5	<1	0.7	15.5	0.61	<0.05	14.15	0.295	0.62
457466		340	3.0	152.0	0.002	0.04	0.11	11.8	<1	0.7	14.9	0.65	<0.05	13.80	0.307	0.73
457467		930	149.5	383	<0.002	2.69	1.54	5.3	4	1.2	253	0.99	0.57	1.44	0.473	1.59
457468		200	2.4	159.0	<0.002	0.07	0.12	11.3	1	1.2	13.1	0.63	<0.05	12.70	0.294	0.75
457469		190	2.8	139.0	<0.002	0.13	0.14	12.6	1	1.8	15.6	0.73	<0.05	14.40	0.346	0.69
457470		220	2.6	173.5	0.002	0.08	0.12	10.6	<1	1.6	13.3	0.64	0.06	12.45	0.273	0.71
457471		70	<0.5	1.4	<0.002	<0.01	<0.05	0.2	<1	<0.2	77.8	<0.05	<0.05	0.16	0.007	0.02
457472		220	7.0	166.0	0.002	0.29	0.16	12.5	1	1.7	16.9	0.60	0.08	12.70	0.252	0.84
457473		250	3.6	115.0	<0.002	0.28	<0.05	8.3	1	1.0	28.8	0.43	<0.05	7.71	0.198	0.54
457474		250	2.5	96.6	<0.002	0.15	0.06	7.1	<1	1.0	25.3	0.42	<0.05	6.45	0.185	0.52
457475		210	1.8	100.0	<0.002	0.06	<0.05	7.1	<1	0.9	23.0	0.42	<0.05	6.48	0.195	0.50
457476		910	182.0	530	0.004	3.32	1.94	5.0	3	1.3	250	0.89	0.79	1.54	0.465	2.09
457477		290	3.7	82.3	<0.002	0.08	<0.05	5.9	<1	0.7	40.4	0.34	<0.05	5.27	0.153	0.42
457478		250	1.7	107.0	<0.002	0.07	<0.05	7.4	<1	0.9	31.4	0.43	<0.05	6.48	0.190	0.47
457479		270	3.3	149.0	<0.002	0.09	0.06	8.8	<1	1.2	22.1	0.51	<0.05	7.76	0.225	0.60
457480		270	3.5	147.5	<0.002	0.08	<0.05	8.2	<1	1.1	18.5	0.44	<0.05	6.94	0.205	0.80

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Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209176

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
457461		2.4	76	2.0	8.4	179	70.3
457462		2.4	77	2.1	8.4	184	71.5
457463		2.1	80	2.1	7.5	110	74.2
457464		2.4	76	2.0	7.3	56	83.1
457465		2.1	72	1.7	6.9	42	87.5
457466		2.9	87	1.6	7.0	33	79.2
457467		0.7	60	0.7	6.4	232	75.1
457468		2.1	89	1.5	5.5	60	79.1
457469		2.1	75	1.7	5.5	69	121.5
457470		1.9	67	1.4	5.4	169	100.0
457471		0.2	1	<0.1	2.2	5	1.9
457472		2.3	114	1.9	5.5	354	70.9
457473		1.6	71	1.0	4.5	192	67.5
457474		1.4	54	0.9	4.7	86	80.1
457475		1.3	57	0.8	4.7	64	78.6
457476		1.0	59	0.5	6.4	331	70.2
457477		1.0	46	0.6	3.9	44	58.1
457478		1.3	59	1.0	4.8	49	69.1
457479		1.5	64	1.8	5.1	44	85.4
457480		1.3	61	1.4	4.8	41	74.1

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Finalized Date: 21- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17209176

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 22- OCT- 2017
Account: MINVIR

CERTIFICATE VO17214305

Project: KAN

P.O. No.: KANDH17- 045

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 25- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

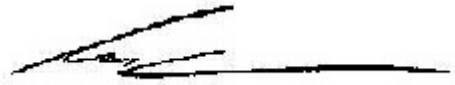
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: SIMON HOULE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 22- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17214305

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
454881		4.78	0.030	0.98	8.65	53.9	190	1.15	0.26	0.27	2.29	55.2	24.2	101	3.31	140.5
454882		<0.02	0.032	1.04	8.51	57.6	160	1.18	0.26	0.29	2.95	52.2	25.6	99	3.23	144.0
454883		5.14	0.036	1.12	6.93	83.2	110	1.04	0.34	1.68	5.58	60.7	22.1	78	2.71	89.8
454884		5.02	0.040	0.99	7.67	37.2	170	1.17	0.40	1.64	5.38	59.5	20.3	93	2.73	153.0
454885		4.81	0.060	1.36	6.39	35.1	130	1.16	0.90	1.61	4.30	67.1	25.8	90	2.27	180.5
454886		4.91	0.052	0.60	6.77	58.9	150	1.03	0.32	3.38	8.94	53.4	25.4	77	2.39	85.6
454887		0.10	1.285	1.19	8.51	108.0	130	5.10	3.30	2.33	2.74	25.4	18.2	62	2.76	58.8
454888		4.59	0.071	0.99	4.79	59.4	90	0.97	0.64	3.46	7.68	44.3	20.0	59	1.73	108.5
454889		3.87	0.038	1.57	4.87	12.1	70	1.10	1.20	2.18	7.09	53.0	15.2	70	2.13	241
454890		4.32	0.011	0.76	6.67	11.0	210	3.46	0.36	1.44	0.56	57.3	14.8	86	2.55	189.0
454891		0.21	0.002	0.01	0.08	1.0	90	0.05	0.02	18.10	0.08	1.49	0.4	2	0.34	1.6
454892		4.70	0.012	0.69	6.29	25.2	180	2.45	0.33	1.95	0.86	57.0	15.5	77	2.36	163.5
454893		4.24	0.054	2.00	3.62	179.0	40	1.31	0.38	1.25	14.55	45.4	20.2	63	2.44	213
454894		2.12	0.001	0.11	7.57	15.1	10	0.17	0.02	5.60	0.74	6.23	68.6	312	0.18	124.0
454895		2.64	0.002	0.12	7.21	12.5	10	0.12	0.01	5.68	0.43	4.78	73.7	297	0.14	236
454896		0.13	8.63	1.68	8.21	110.0	200	3.67	3.76	2.00	3.95	27.0	16.9	59	2.79	105.5
454897		2.33	<0.001	0.03	7.80	2.5	10	0.19	0.02	6.14	0.15	4.82	66.8	291	0.12	62.8
454898		2.37	0.002	0.09	7.55	12.6	10	0.18	0.01	5.89	0.32	4.82	75.2	286	0.10	201
454899		2.32	<0.001	0.01	7.59	8.2	10	0.22	0.02	5.85	0.10	5.03	70.7	280	0.09	19.2
454900		1.88	<0.001	0.01	8.42	1.0	10	0.25	0.02	5.90	0.06	6.48	68.1	300	0.12	5.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 22- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17214305

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
454881		11.20	20.9	0.10	3.6	0.157	0.096	4.04	31.7	10.6	0.53	62	14.20	0.15	5.0	121.5
454882		11.75	21.1	0.10	3.6	0.159	0.110	3.98	29.3	11.3	0.54	66	14.55	0.14	4.8	127.5
454883		12.65	17.35	0.12	3.0	0.165	0.105	3.26	34.9	9.2	1.05	305	23.6	0.13	6.4	137.0
454884		11.50	20.5	0.12	4.5	0.215	0.107	3.62	34.1	10.8	1.03	369	15.60	0.13	7.0	130.5
454885		14.90	19.15	0.11	4.7	0.154	0.087	2.89	36.1	11.1	1.06	693	16.25	0.12	8.0	109.0
454886		11.05	17.30	0.11	3.0	0.165	0.113	3.14	31.1	9.1	1.64	588	18.10	0.13	7.0	98.3
454887		5.32	25.5	0.10	1.9	0.011	0.105	4.32	12.2	2.7	1.78	454	1.42	3.63	14.9	69.3
454888		13.20	12.20	0.13	2.4	0.174	0.099	2.20	25.3	7.5	1.65	703	45.9	0.09	8.4	169.5
454889		15.90	11.95	0.12	2.2	0.061	0.056	2.20	32.1	9.2	1.18	481	81.9	0.08	4.1	232
454890		11.90	17.60	0.11	4.4	0.021	0.039	3.16	32.7	14.8	1.18	574	16.25	0.11	8.3	140.0
454891		0.21	0.27	0.11	0.1	0.011	<0.005	0.04	0.8	11.0	12.85	290	0.30	0.02	0.2	1.0
454892		12.40	16.45	0.13	3.7	0.045	0.039	2.91	32.6	13.5	1.25	513	25.9	0.11	7.1	141.5
454893		15.45	9.23	0.15	1.8	0.392	0.141	1.54	29.0	8.5	0.70	593	124.0	0.08	4.4	316
454894		8.13	12.95	0.05	0.5	0.019	0.047	0.06	2.7	17.4	8.14	1150	3.67	1.03	1.5	509
454895		8.26	12.20	0.08	0.5	0.011	0.034	0.04	1.8	17.9	8.63	1210	0.26	0.93	1.4	566
454896		5.52	25.1	0.10	1.7	0.017	0.171	4.71	13.8	2.2	1.61	423	1.50	3.28	13.1	62.0
454897		7.65	13.15	0.08	0.5	0.007	0.037	0.03	1.8	18.7	7.81	1140	0.17	1.24	1.4	450
454898		7.84	12.90	0.08	0.4	0.008	0.080	0.03	1.8	18.8	8.06	1180	0.18	1.13	1.4	476
454899		7.55	13.15	0.08	0.5	<0.005	0.036	0.02	1.9	18.9	7.66	1140	0.18	1.19	1.4	462
454900		7.61	15.20	0.08	0.6	<0.005	0.063	0.04	2.4	22.7	7.57	1150	0.19	1.24	1.9	476

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 22- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17214305

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
454881		200	53.0	90.2	0.019	9.77	3.45	15.6	4	2.1	23.7	0.32	0.45	4.82	0.217	5.20
454882		200	52.6	89.8	0.019	>10.0	3.36	15.8	4	2.1	24.0	0.30	0.59	4.82	0.204	5.18
454883		270	60.7	76.0	0.030	>10.0	4.30	12.8	5	1.6	43.4	0.36	0.69	5.08	0.172	4.43
454884		220	37.4	81.7	0.013	8.69	2.17	15.3	5	2.7	43.7	0.42	1.30	5.22	0.184	4.30
454885		370	43.3	69.5	0.015	>10.0	2.58	14.4	7	2.9	48.0	0.52	1.93	5.58	0.159	3.46
454886		230	58.5	69.8	0.020	9.39	2.27	13.5	5	1.7	64.3	0.43	1.00	4.26	0.201	3.49
454887		1000	168.5	394	0.002	2.82	1.66	5.7	3	1.2	270	1.10	0.63	1.48	0.505	1.58
454888		370	57.5	50.9	0.050	>10.0	3.35	9.0	7	1.3	65.3	0.62	0.62	4.20	0.140	2.76
454889		660	41.2	53.6	0.074	9.48	1.74	9.6	10	1.2	48.5	0.27	0.35	4.51	0.098	2.74
454890		290	15.8	75.1	0.018	6.78	0.71	12.7	6	2.3	38.8	0.57	0.28	5.33	0.170	3.85
454891		10	3.6	1.1	<0.002	0.03	0.14	0.2	<1	<0.2	133.0	<0.05	<0.05	0.13	0.005	0.07
454892		280	17.2	72.2	0.024	7.83	1.02	11.5	7	1.8	45.7	0.62	0.36	4.76	0.167	3.86
454893		1180	92.9	48.0	0.095	>10.0	5.80	6.7	19	1.0	39.5	0.30	0.53	4.18	0.091	3.21
454894		200	6.6	1.6	0.004	0.35	0.75	24.2	1	0.4	104.0	0.09	<0.05	0.29	0.276	0.09
454895		180	3.9	0.7	<0.002	0.04	0.63	22.2	1	0.4	91.0	0.09	<0.05	0.16	0.284	<0.02
454896		900	183.5	500	0.003	3.30	1.95	4.9	3	1.2	250	0.91	0.81	1.60	0.462	2.09
454897		180	5.0	0.7	<0.002	0.01	0.64	23.7	<1	0.3	107.0	0.09	<0.05	0.17	0.284	<0.02
454898		190	7.1	0.4	<0.002	0.03	0.63	21.4	<1	0.4	101.0	0.09	<0.05	0.14	0.287	<0.02
454899		200	4.8	0.3	0.002	<0.01	0.62	18.0	<1	0.4	114.0	0.11	<0.05	0.16	0.294	<0.02
454900		240	6.2	0.5	<0.002	<0.01	0.70	20.8	<1	0.6	130.0	0.13	<0.05	0.24	0.330	<0.02

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 22- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17214305

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
454881		12.6	192	1.5	9.6	442	130.5
454882		12.8	189	1.3	9.7	550	130.0
454883		15.1	251	1.5	9.7	888	111.5
454884		11.3	164	1.6	11.2	662	159.5
454885		9.6	148	1.5	13.8	451	174.0
454886		12.2	198	1.6	10.0	1050	109.5
454887		0.8	64	0.6	7.3	260	78.2
454888		19.7	437	2.2	11.6	872	85.9
454889		32.5	738	2.9	13.2	725	83.8
454890		13.1	196	2.0	10.4	100	154.5
454891		0.3	3	0.2	1.0	17	2.3
454892		14.2	244	2.2	10.0	136	132.0
454893		54.9	1160	2.9	21.5	2470	67.4
454894		1.5	176	0.2	11.3	242	11.7
454895		0.1	150	0.1	10.6	164	11.4
454896		0.9	59	0.5	6.7	334	70.9
454897		<0.1	147	0.1	10.7	160	10.2
454898		<0.1	144	0.1	10.7	188	11.4
454899		0.1	147	0.1	10.9	179	11.9
454900		0.1	147	0.1	13.7	179	14.9

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 22- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17214305

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17218996

Projet: KAN

Bon de commande #: KANDH17- 004

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 10- OCT- 2017.

Les résultats sont transmis à:

ANTOINE FECTEAU LEE SCHOLL CORPORATIF WEBTREIVE	CHARLES GAUMOND PASCAL SIMARD	SIMON HOULE JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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Finalisée date: 20- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17218996

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
456161		4.81	<0.001	0.03	6.93	10.9	30	0.65	0.01	6.79	0.09	18.35	42.9	136	2.47	90.1
456162		<0.02	<0.001	0.03	6.20	9.1	30	0.60	0.01	5.82	0.08	15.65	37.0	129	2.21	68.3
456163		5.23	<0.001	0.03	6.75	7.9	30	0.72	0.02	6.20	0.07	19.20	39.5	127	2.64	55.2
456164		5.43	<0.001	0.02	6.94	6.2	20	0.80	0.01	6.08	0.07	18.55	40.6	101	2.64	39.3
456165		5.11	<0.001	0.02	6.92	8.5	10	0.74	0.01	6.12	0.07	19.05	40.4	116	1.52	34.9
456166		5.34	<0.001	0.02	6.61	9.8	20	0.40	0.01	5.16	0.07	16.65	36.0	110	1.95	21.4
456167		0.11	1.250	1.06	8.12	105.0	120	5.15	2.67	2.34	2.62	26.6	19.8	66	2.76	61.0
456168		4.88	<0.001	0.02	6.62	8.5	20	0.78	0.01	6.06	0.08	18.80	37.8	112	2.99	22.1
456169		4.94	<0.001	0.01	6.57	5.2	30	0.92	0.01	5.87	0.08	21.1	35.5	82	5.99	17.8
456170		5.37	<0.001	0.01	7.06	3.8	40	1.18	0.01	6.18	0.08	23.4	34.5	99	8.04	11.5
456171		0.26	<0.001	0.01	0.10	0.4	100	0.05	0.03	18.35	0.05	1.41	0.6	1	0.43	1.1
456172		4.73	<0.001	0.01	7.07	10.3	40	1.02	0.01	5.42	0.05	22.8	38.7	114	9.16	13.0
456173		5.29	<0.001	0.01	7.05	17.5	20	1.11	0.01	4.82	0.05	24.9	39.0	81	1.78	4.3
456174		4.90	<0.001	0.01	7.26	18.3	30	1.09	0.01	4.44	0.05	23.0	39.9	116	1.32	12.0
456175		4.83	<0.001	0.01	7.90	5.0	300	1.90	0.01	3.08	0.04	45.1	23.9	73	1.97	12.6
456176		0.11	8.10	1.73	8.01	101.5	200	4.42	3.55	2.05	4.41	28.4	19.2	61	2.68	123.0
456177		4.96	<0.001	0.02	8.48	0.6	400	2.36	0.01	2.40	0.05	56.7	14.4	78	2.21	16.1
456178		5.17	<0.001	0.05	7.38	13.8	290	1.60	0.01	3.54	0.31	38.2	27.3	123	1.57	41.7
456179		1.48	<0.001	0.02	8.45	3.2	390	2.35	0.04	0.36	0.13	61.8	18.6	103	2.39	19.4
456180		3.53	<0.001	0.13	7.37	<0.2	270	2.19	0.18	0.69	0.48	58.1	22.5	98	2.33	51.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17218996

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
456161		9.28	16.70	0.14	1.8	0.026	0.075	0.31	7.2	23.5	3.82	2140	0.53	1.69	4.4	64.0
456162		8.20	14.85	0.12	1.4	0.025	0.068	0.29	6.1	21.2	3.35	1910	0.37	1.46	3.8	55.0
456163		9.37	18.05	0.13	2.0	0.021	0.074	0.29	7.2	23.5	3.52	2340	0.39	1.20	4.9	46.7
456164		9.77	18.05	0.12	1.9	0.011	0.083	0.25	7.0	22.2	3.80	2610	0.27	1.56	5.1	43.0
456165		9.40	17.25	0.11	1.9	0.007	0.079	0.15	7.2	19.5	3.71	2610	0.31	1.67	4.6	44.8
456166		8.80	16.95	0.10	1.8	<0.005	0.067	0.19	6.0	37.4	3.63	2560	0.24	1.77	4.6	38.9
456167		5.36	24.3	0.20	1.6	0.011	0.103	4.30	12.6	3.0	1.79	457	1.34	3.67	16.0	70.2
456168		9.21	16.95	0.14	1.6	<0.005	0.079	0.25	7.1	24.9	3.55	2610	0.34	1.55	4.6	42.5
456169		9.35	17.80	0.12	1.7	<0.005	0.072	0.41	8.0	30.6	3.44	2870	0.31	1.30	5.3	28.0
456170		9.53	18.80	0.13	1.5	<0.005	0.069	0.52	9.5	33.1	3.40	3280	0.50	0.96	5.6	23.8
456171		0.15	0.36	0.21	0.1	<0.005	<0.005	0.03	0.8	12.2	13.55	299	0.08	0.03	0.2	0.5
456172		9.89	18.25	0.09	1.3	<0.005	0.081	0.62	9.3	44.0	3.65	3140	0.50	0.91	5.3	25.3
456173		9.63	18.45	0.09	2.0	<0.005	0.076	0.15	10.3	41.2	3.07	3470	0.43	1.82	5.4	19.8
456174		9.81	19.40	0.10	1.9	<0.005	0.074	0.18	9.6	47.7	3.52	3660	0.40	1.99	5.3	31.0
456175		8.72	21.4	0.14	2.6	0.005	0.042	1.52	22.1	46.3	2.24	4280	0.54	1.58	7.7	12.9
456176		5.54	24.3	0.16	1.5	0.014	0.182	4.65	14.1	2.7	1.63	431	1.57	3.45	14.5	65.3
456177		6.80	22.8	0.16	2.4	0.005	0.020	2.14	26.6	40.8	1.59	2930	0.51	2.09	8.9	13.3
456178		9.11	17.75	0.12	1.6	0.008	0.042	1.80	19.1	50.8	2.47	8490	0.67	0.53	5.0	54.5
456179		7.78	21.8	0.15	2.0	0.007	0.034	2.96	30.5	48.0	1.45	4120	1.71	0.10	7.8	53.9
456180		8.95	19.35	0.13	1.7	0.022	0.049	2.61	29.0	43.4	1.38	7800	1.93	0.09	8.8	52.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17218996

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
456161		450	2.5	19.6	<0.002	0.10	0.47	38.6	1	0.5	136.0	0.28	<0.05	1.24	0.749	0.18
456162		410	1.9	17.5	<0.002	0.08	0.40	34.4	1	0.5	117.5	0.25	<0.05	1.04	0.659	0.19
456163		490	2.4	18.7	0.003	0.09	0.55	41.6	1	0.5	152.5	0.32	<0.05	1.40	0.810	0.17
456164		500	1.9	15.9	<0.002	0.08	0.56	43.5	1	0.6	154.0	0.34	<0.05	1.48	0.882	0.14
456165		510	2.2	9.0	0.002	0.09	0.56	40.4	1	0.5	165.0	0.30	<0.05	1.29	0.796	0.08
456166		430	1.5	11.6	<0.002	<0.01	0.19	39.8	<1	0.5	57.3	0.30	<0.05	1.35	0.777	0.12
456167		960	153.5	385	0.002	2.72	1.66	5.2	4	1.2	256	1.05	0.49	1.41	0.513	1.40
456168		520	2.3	17.3	<0.002	0.08	0.42	39.5	<1	0.4	147.5	0.30	<0.05	1.42	0.783	0.18
456169		500	2.5	35.8	0.002	0.09	0.44	39.5	1	0.4	157.0	0.35	<0.05	2.09	0.787	0.41
456170		510	3.8	49.1	0.002	0.10	0.58	38.8	<1	0.4	241	0.37	<0.05	2.30	0.810	0.63
456171		30	2.7	1.3	<0.002	<0.01	0.22	0.3	<1	<0.2	168.0	<0.05	<0.05	0.13	0.009	0.06
456172		510	3.3	57.3	0.003	0.11	0.44	40.1	1	0.5	197.5	0.35	<0.05	1.95	0.821	0.85
456173		480	1.9	12.7	0.002	0.04	0.29	38.4	1	0.4	105.0	0.36	<0.05	2.60	0.777	0.22
456174		490	2.8	9.7	0.002	0.09	0.32	41.2	1	0.5	94.1	0.36	<0.05	2.23	0.780	0.18
456175		450	2.9	67.9	<0.002	0.11	0.14	27.3	<1	0.4	70.8	0.56	<0.05	6.50	0.580	0.44
456176		870	190.0	460	0.002	3.22	2.28	4.9	3	1.2	241	0.86	0.86	1.64	0.474	1.83
456177		360	3.7	83.8	<0.002	0.11	0.12	19.3	1	0.4	71.1	0.66	<0.05	7.76	0.447	0.74
456178		380	3.5	63.9	<0.002	0.08	0.11	22.4	<1	0.6	72.1	0.38	<0.05	4.88	0.342	0.83
456179		260	2.9	120.5	0.003	0.36	0.14	12.8	1	0.8	18.0	0.58	<0.05	8.72	0.298	1.46
456180		270	5.4	117.5	0.003	1.29	0.23	11.9	2	1.3	19.9	0.64	0.09	8.05	0.288	1.38

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17218996

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
456161		0.4	353	0.4	25.1	70	68.1
456162		0.3	315	0.3	22.3	63	54.2
456163		0.4	382	0.4	27.6	73	86.2
456164		0.4	407	0.3	28.2	72	74.2
456165		0.4	373	0.3	26.8	70	69.6
456166		0.4	365	0.5	25.9	73	66.9
456167		0.7	63	0.6	6.7	249	75.4
456168		0.4	363	0.4	26.1	77	64.1
456169		0.6	368	0.3	27.0	74	67.0
456170		0.6	373	0.3	26.6	77	66.3
456171		0.1	2	0.3	0.7	13	2.0
456172		0.6	389	0.3	27.1	84	49.2
456173		0.7	374	0.3	25.7	81	64.6
456174		0.6	378	0.3	26.2	85	71.8
456175		1.8	259	0.6	17.9	63	97.3
456176		0.9	58	0.4	6.6	370	71.1
456177		2.4	197	0.6	9.8	38	93.6
456178		1.6	212	0.6	6.9	80	58.3
456179		3.3	158	1.8	6.1	77	72.0
456180		3.5	153	1.6	5.7	167	63.8

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Finalisée date: 20- OCT- 2017
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CERTIFICAT D'ANALYSE VO17218996

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

2017 – Prospection : Osisko

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2017
Compte: MINVIR

CERTIFICAT VO17146649

Projet: KAN

Ce rapport s'applique aux 57 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 17- JUIL- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
29- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146649

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403401		0.36	0.001	0.09	0.54	16.6	20	0.08	0.10	0.27	0.10	2.29	1.4	18	0.11	44.7
403402		0.63	<0.001	0.08	10.20	15.9	880	4.65	0.08	0.60	0.07	103.0	13.1	94	2.98	31.0
403403		1.86	<0.001	<0.01	9.04	10.9	740	3.16	0.02	0.07	<0.02	22.8	6.5	72	2.27	0.8
403404		1.12	<0.001	0.83	1.51	1.6	10	0.17	0.07	0.64	0.16	36.1	13.2	52	0.37	165.5
403405		1.07	<0.001	0.28	5.99	150.0	180	1.57	0.03	0.08	0.03	63.0	5.2	122	1.67	57.3
403406		1.67	<0.001	0.04	0.05	4.5	<10	0.25	0.05	10.60	0.04	6.52	2.8	7	<0.05	7.1
403407		0.85	<0.001	0.11	7.02	25.4	40	0.36	0.06	5.65	0.16	6.27	48.8	130	1.98	129.5
403408		1.27	0.007	<0.01	0.31	1.6	20	0.89	0.02	14.35	0.23	16.15	2.7	4	0.36	1.0
403409		1.98	<0.001	0.10	6.87	9.0	60	0.41	0.03	4.98	0.14	9.33	47.0	126	5.34	147.5
403410		1.70	0.031	0.92	1.93	42.7	20	0.21	0.08	0.05	0.10	11.35	38.7	21	0.41	151.0
407401		0.82	<0.001	0.01	0.08	2.5	<10	0.26	0.02	5.74	0.04	11.25	1.8	7	0.68	1.1
407402		0.62	1.330	0.08	0.08	1.2	10	0.09	0.03	2.74	0.15	3.33	4.9	15	0.16	22.4
407403		0.61	0.044	1.18	6.75	113.5	220	1.03	0.50	0.03	0.46	85.0	18.8	65	3.98	29.2
407404		0.92	<0.001	0.01	0.31	7.7	20	0.24	0.03	0.53	<0.02	3.90	4.4	8	2.94	34.9
407405		1.11	<0.001	0.04	0.12	0.8	<10	<0.05	0.02	0.03	<0.02	3.71	0.2	28	0.05	4.0
407406		1.52	<0.001	0.01	0.83	1.2	90	0.30	0.03	5.21	0.06	11.15	10.1	16	9.13	37.7
407407		1.30	<0.001	0.03	8.24	12.3	1490	1.05	0.03	1.24	0.06	10.30	55.4	192	8.53	145.5
407408		1.49	<0.001	0.01	0.16	1.2	10	0.33	0.02	9.83	0.03	6.21	3.0	6	0.16	1.7
407409		0.48	<0.001	<0.01	0.06	0.6	10	0.05	0.02	0.86	<0.02	2.02	0.4	11	0.08	0.9
407410		1.54	0.073	0.18	2.67	1500	10	0.40	0.65	0.07	0.08	10.55	11.1	32	0.29	60.9
407451		1.68	<0.001	0.04	6.39	6.0	40	0.24	0.02	5.93	0.12	7.80	63.8	118	0.88	74.2
407452		1.71	<0.001	0.01	0.78	4.1	30	1.12	0.03	1.40	0.10	13.70	8.0	18	10.50	1.3
407453		1.23	<0.001	0.01	7.52	0.8	380	2.36	0.02	1.84	0.07	51.1	7.8	35	6.00	15.9
407454		1.49	<0.001	0.06	8.90	3.8	10	0.24	0.02	7.36	0.27	6.85	26.8	53	0.09	73.3
407455		1.20	0.029	0.30	9.17	1.3	510	2.94	0.24	0.02	<0.02	4.13	2.5	101	7.21	63.2
407456		1.74	<0.001	0.02	7.00	13.7	70	0.25	0.03	6.16	0.09	7.52	32.0	89	0.31	29.3
407457		1.07	<0.001	0.01	6.03	0.8	310	1.30	0.15	0.78	<0.02	55.8	10.1	37	4.11	1.8
407458		1.52	<0.001	0.01	6.39	0.6	80	0.59	0.02	2.15	0.22	31.8	8.3	34	1.20	2.4
407459		0.95	<0.001	0.03	7.89	1.2	1100	2.25	0.15	0.78	0.04	92.8	25.2	64	3.88	8.0
407460		1.66	<0.001	0.03	1.45	0.9	30	0.10	0.04	0.80	0.03	10.20	2.4	17	0.66	28.7
407461		1.70	<0.001	0.01	7.85	0.9	30	0.46	0.02	1.85	0.02	14.90	43.5	214	0.08	1.1
407462		1.17	<0.001	<0.01	5.90	3.8	760	1.76	0.05	3.68	0.06	51.3	11.6	33	0.74	0.7
407463		1.87	0.004	0.79	2.54	86.9	150	1.41	0.21	0.54	2.26	43.9	7.6	24	1.30	139.0
407464		1.78	<0.001	0.01	1.96	1.2	110	0.41	0.05	0.16	0.11	13.55	1.1	34	0.80	14.8
407465		1.68	<0.001	0.02	0.73	3.3	80	0.32	0.02	20.3	0.26	8.22	1.3	6	0.32	2.1
407501		1.03	0.001	0.05	0.49	6.0	20	0.43	0.05	12.20	0.04	7.51	4.6	8	0.66	3.1
407502		0.84	1.025	0.18	0.16	1.6	10	0.30	0.05	8.85	0.06	7.42	4.8	6	0.46	4.4
407503		0.63	<0.001	0.02	0.08	2.6	10	0.25	0.03	0.77	0.03	3.41	2.6	7	0.06	5.2
407504		0.68	0.008	0.38	0.04	2.0	<10	0.21	0.24	19.25	0.15	5.07	2.0	3	0.08	64.7
407505		0.92	0.016	1.59	0.04	0.6	10	0.09	0.15	3.94	0.44	4.10	3.5	1	0.54	160.5

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146649

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403401		1.22	1.27	<0.05	0.1	0.034	0.009	0.10	1.3	3.5	0.20	374	0.17	0.07	0.3	4.8
403402		4.42	31.1	0.19	4.7	0.009	0.079	5.22	48.7	52.6	1.39	688	0.39	0.16	13.6	35.8
403403		4.48	24.1	0.10	3.1	<0.005	0.031	3.73	10.3	47.6	1.45	273	0.25	0.66	11.3	33.2
403404		16.75	5.94	0.11	0.9	0.019	0.039	0.24	21.1	24.5	1.98	8220	1.09	0.02	0.8	74.8
403405		9.77	20.9	0.13	2.7	0.027	0.038	1.28	35.3	123.0	2.97	422	4.77	0.06	5.0	16.1
403406		22.0	0.28	0.09	<0.1	0.018	<0.005	0.01	3.9	2.0	5.92	4740	0.40	<0.01	0.3	2.4
403407		8.08	14.45	0.09	0.5	0.019	0.056	0.44	2.3	39.6	4.65	1370	0.16	1.65	2.2	204
403408		17.95	1.20	0.09	0.1	0.026	0.008	0.10	9.0	4.3	5.71	8090	0.15	0.01	0.8	1.4
403409		9.12	16.70	0.09	0.7	0.017	0.083	1.05	3.4	43.3	4.63	1400	0.18	1.17	3.2	137.0
403410		31.1	7.93	0.15	0.5	0.015	0.020	0.22	7.5	8.4	0.92	1140	0.91	0.01	3.0	32.5
407401		15.35	0.42	0.08	0.1	0.011	<0.005	0.01	6.3	0.9	2.64	6060	0.11	<0.01	1.2	1.9
407402		8.89	0.37	0.07	<0.1	0.029	<0.005	0.01	1.9	1.0	0.85	2550	0.28	<0.01	0.3	5.4
407403		8.48	20.7	0.17	6.6	1.835	0.063	2.43	47.0	21.2	0.33	57	28.6	0.29	33.5	31.9
407404		11.80	1.28	0.07	0.2	0.010	0.015	0.16	2.0	0.4	1.85	8920	0.13	<0.01	1.5	5.0
407405		1.17	0.71	0.05	0.1	0.052	<0.005	0.01	2.4	2.6	0.08	89	2.03	<0.01	0.5	1.2
407406		14.55	3.69	0.08	0.5	0.035	0.029	0.54	6.2	0.6	3.94	8330	0.32	0.08	3.9	23.4
407407		10.00	20.4	0.11	1.5	0.030	0.097	4.77	3.5	53.0	2.73	929	0.25	0.62	4.1	127.0
407408		13.80	0.72	0.07	0.1	0.023	0.005	0.03	3.6	2.5	4.49	3430	0.66	0.01	1.0	2.8
407409		2.57	0.33	0.06	<0.1	0.008	<0.005	0.02	1.2	0.9	0.28	612	0.18	<0.01	0.2	1.0
407410		6.90	7.93	0.07	1.2	0.014	0.067	0.07	5.5	12.2	1.28	1560	0.53	0.42	4.5	17.4
407451		10.05	14.15	0.09	0.5	0.011	0.067	0.19	2.9	12.7	7.43	1530	0.21	1.03	2.6	358
407452		24.3	3.69	0.10	0.7	0.035	0.017	0.24	6.0	1.9	2.53	18950	0.52	0.03	6.8	11.3
407453		9.56	22.0	0.13	2.0	0.015	0.045	1.47	25.9	17.0	1.41	4060	1.58	2.09	13.0	2.3
407454		7.66	19.00	0.08	0.8	0.008	0.060	0.02	2.4	7.4	3.00	1180	0.12	1.65	3.3	80.3
407455		10.35	25.9	0.09	2.9	0.011	0.080	3.49	1.9	86.8	1.45	1030	3.82	0.06	9.7	5.2
407456		7.38	10.90	0.08	0.8	0.009	0.050	0.21	3.0	18.3	5.22	1500	0.21	1.56	2.2	69.5
407457		3.66	15.25	0.12	4.0	0.008	0.034	1.72	27.5	50.9	2.78	1140	3.40	2.53	8.1	19.5
407458		23.1	24.0	0.42	1.0	0.026	0.026	0.12	16.2	12.5	3.58	3120	0.93	0.02	2.9	15.0
407459		6.56	21.3	0.18	3.2	0.009	0.079	3.74	48.6	33.5	1.76	1980	0.13	1.02	10.6	36.2
407460		4.44	4.09	0.07	0.8	0.009	0.020	0.10	7.6	5.2	0.80	1160	0.54	0.01	5.0	5.2
407461		7.13	12.35	0.10	0.8	0.014	0.028	0.08	7.1	42.0	5.70	1940	0.18	2.45	2.9	122.0
407462		6.19	11.85	0.12	3.1	0.006	0.039	4.53	27.7	18.1	4.17	3870	0.16	1.93	6.8	21.3
407463		13.55	6.89	0.12	1.5	0.106	0.041	1.12	20.7	10.1	0.22	1060	3.10	0.30	2.1	29.3
407464		0.85	4.57	0.07	0.4	0.008	0.019	1.46	7.6	6.7	0.20	68	0.77	0.03	1.2	8.1
407465		1.03	1.70	0.08	0.4	0.026	0.007	0.58	5.0	8.2	10.70	910	0.87	0.01	0.6	5.0
407501		15.50	2.53	0.08	0.3	0.021	0.011	0.06	4.1	3.8	5.88	4670	1.00	0.02	2.2	6.3
407502		16.30	0.79	0.09	0.1	0.353	0.007	0.04	4.2	1.8	4.72	5340	0.99	0.01	1.1	4.6
407503		10.70	0.65	0.08	<0.1	0.009	0.005	0.01	2.8	1.1	1.06	5150	0.81	<0.01	0.2	5.6
407504		11.30	0.26	0.08	0.1	0.039	0.009	0.01	3.4	2.2	7.57	5820	1.37	0.01	0.3	2.9
407505		32.8	0.29	0.13	<0.1	0.057	<0.005	0.03	2.5	1.2	1.83	2280	9.92	<0.01	0.2	20.6

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146649

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403401		150	12.6	3.7	<0.002	0.01	0.28	0.4	<1	<0.2	8.2	<0.05	0.05	0.39	0.022	0.02
403402		440	14.0	167.0	<0.002	0.01	0.45	15.7	1	2.7	34.9	0.99	0.05	16.85	0.441	0.81
403403		330	2.7	139.0	<0.002	<0.01	0.38	13.4	1	1.4	20.4	0.80	<0.05	13.60	0.378	0.52
403404		840	3.0	7.4	<0.002	5.13	0.50	3.7	3	<0.2	23.8	0.07	0.32	2.05	0.023	0.28
403405		390	3.0	39.0	0.002	0.53	1.26	8.7	1	1.1	12.8	0.30	0.16	9.74	0.121	1.84
403406		70	3.0	0.3	<0.002	0.37	0.45	0.1	1	<0.2	105.0	<0.05	<0.05	0.07	<0.005	0.02
403407		250	25.7	18.0	<0.002	0.04	1.13	32.1	1	0.5	129.0	0.14	<0.05	0.18	0.482	0.18
403408		390	2.8	3.9	<0.002	0.03	0.15	0.7	1	<0.2	181.5	0.05	<0.05	0.34	0.008	0.07
403409		370	3.5	50.1	<0.002	0.08	0.41	42.0	1	0.6	119.5	0.20	<0.05	0.23	0.655	0.26
403410		30	3.4	6.7	<0.002	>10.0	0.24	3.3	11	<0.2	2.3	0.24	0.74	1.49	0.057	0.06
407401		130	1.3	0.7	<0.002	0.09	0.21	0.3	<1	<0.2	75.4	<0.05	<0.05	0.16	0.008	<0.02
407402		40	1.8	0.5	<0.002	1.74	0.15	0.2	1	<0.2	61.6	<0.05	0.11	0.05	<0.005	<0.02
407403		210	76.8	74.0	0.042	7.42	17.80	11.0	7	2.3	34.4	2.43	0.77	7.12	0.281	4.07
407404		250	<0.5	4.9	<0.002	0.18	0.31	0.8	<1	<0.2	4.9	0.08	<0.05	0.25	0.032	0.02
407405		80	0.9	0.3	<0.002	0.07	0.22	0.1	<1	<0.2	1.1	<0.05	0.06	0.20	0.008	0.02
407406		390	0.9	17.3	<0.002	0.10	0.73	2.4	1	0.3	67.9	0.23	<0.05	0.67	0.071	0.03
407407		470	1.1	69.9	<0.002	0.10	0.42	51.2	1	0.8	24.7	0.26	<0.05	0.26	0.854	0.29
407408		220	1.9	1.1	<0.002	0.19	0.12	0.4	<1	<0.2	56.7	<0.05	<0.05	0.13	0.008	0.03
407409		170	0.6	1.0	<0.002	0.01	0.08	0.1	<1	<0.2	5.4	<0.05	<0.05	0.04	<0.005	0.02
407410		140	17.5	4.0	0.005	1.03	0.92	4.3	2	0.6	14.4	0.36	0.92	5.88	0.096	0.04
407451		260	0.7	9.8	<0.002	0.02	0.24	31.9	1	0.5	76.8	0.17	<0.05	0.23	0.573	0.07
407452		750	3.3	16.8	<0.002	0.02	0.36	2.3	1	0.8	17.8	0.43	<0.05	0.98	0.120	0.04
407453		470	9.5	102.0	<0.002	0.20	0.25	17.2	1	0.8	105.0	0.83	<0.05	6.53	0.487	0.55
407454		290	5.9	0.2	<0.002	0.03	0.38	22.8	1	0.5	163.5	0.22	<0.05	0.28	0.612	<0.02
407455		280	8.7	168.0	<0.002	0.10	0.45	14.7	3	2.2	41.4	0.74	0.16	10.75	0.324	0.81
407456		210	5.5	8.0	<0.002	0.01	0.90	44.2	1	0.4	61.8	0.14	0.07	0.42	0.387	0.04
407457		260	6.5	62.2	<0.002	<0.01	0.28	7.3	1	1.5	54.6	0.64	0.06	11.55	0.245	0.25
407458		3480	2.5	1.5	<0.002	<0.01	0.16	10.8	1	0.4	28.8	0.17	0.05	3.42	0.089	0.02
407459		420	13.9	156.5	<0.002	<0.01	0.23	14.2	1	1.4	63.7	0.71	0.09	12.85	0.503	0.46
407460		140	2.3	5.5	<0.002	0.18	0.35	2.5	1	0.7	7.8	0.31	0.05	2.73	0.079	0.06
407461		200	0.9	0.9	<0.002	<0.01	0.15	23.3	<1	0.4	18.2	0.18	<0.05	1.83	0.188	<0.02
407462		200	13.1	91.9	<0.002	<0.01	0.94	7.4	<1	1.1	54.6	0.49	<0.05	9.47	0.223	0.24
407463		2170	9.2	49.0	0.004	0.53	0.54	4.2	4	1.0	34.4	0.10	0.22	4.37	0.047	1.35
407464		50	1.2	36.3	0.003	0.22	0.10	2.0	1	0.3	7.0	0.10	<0.05	2.40	0.047	0.26
407465		4030	8.1	14.0	<0.002	0.01	0.11	0.9	1	<0.2	103.5	<0.05	<0.05	1.13	0.023	0.08
407501		200	3.4	3.1	<0.002	0.43	0.09	1.1	1	0.2	161.0	0.14	0.08	0.50	0.025	0.08
407502		280	2.7	1.7	<0.002	0.65	0.11	0.4	1	0.2	133.0	0.07	0.10	0.23	0.009	0.05
407503		280	3.5	0.7	0.002	0.05	0.09	0.1	<1	<0.2	8.7	<0.05	<0.05	0.06	<0.005	0.03
407504		310	7.3	0.3	0.002	1.57	0.14	0.6	2	<0.2	156.0	<0.05	0.21	0.18	<0.005	0.02
407505		90	97.9	3.1	0.002	>10.0	0.19	1.0	2	<0.2	97.4	<0.05	0.34	0.07	<0.005	0.16

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CERTIFICAT D'ANALYSE VO17146649

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403401		0.1	4	0.1	1.3	24	2.3
403402		3.1	99	2.4	11.4	83	169.5
403403		1.9	72	1.7	8.0	51	116.5
403404		1.1	71	0.4	6.3	88	40.3
403405		3.9	200	1.5	5.2	154	106.0
403406		0.1	8	0.1	6.1	11	1.7
403407		0.1	250	0.6	15.5	85	14.3
403408		0.1	22	0.1	11.4	21	4.9
403409		0.1	336	0.5	22.8	100	28.7
403410		0.6	75	0.2	2.1	56	18.5
407401		0.1	7	0.1	5.0	6	2.5
407402		0.1	7	0.1	4.0	10	1.1
407403		11.1	327	1.5	19.4	126	257
407404		0.1	23	0.1	2.1	12	8.3
407405		0.3	8	0.1	0.5	6	3.9
407406		0.5	66	0.1	5.0	19	21.7
407407		0.1	447	0.6	4.1	117	53.8
407408		0.3	15	0.1	5.9	7	4.9
407409		<0.1	4	0.1	2.1	3	<0.5
407410		1.4	48	4.9	3.4	108	47.0
407451		0.1	292	0.1	17.4	102	10.8
407452		0.6	62	0.3	8.9	22	36.2
407453		3.0	219	0.3	19.9	67	76.0
407454		0.1	294	0.4	15.7	70	28.1
407455		3.0	216	2.5	4.4	112	106.0
407456		0.1	234	0.5	14.6	79	24.6
407457		1.2	37	0.4	12.5	45	148.0
407458		0.5	159	0.4	12.9	118	38.2
407459		0.9	76	1.1	14.4	67	135.5
407460		0.6	18	0.2	6.6	30	31.8
407461		0.3	135	0.2	7.6	78	35.4
407462		1.0	30	0.3	12.8	59	116.0
407463		4.6	94	0.5	12.0	357	56.3
407464		1.3	38	0.2	1.4	28	13.1
407465		7.7	12	0.1	5.3	40	13.9
407501		0.7	43	0.1	6.4	13	14.4
407502		0.3	13	0.1	5.5	12	5.3
407503		0.1	4	0.1	2.5	11	2.5
407504		3.0	14	0.1	5.6	25	3.9
407505		0.2	5	0.1	3.5	18	1.3

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Projet: KAN

CERTIFICAT D'ANALYSE VO17146649

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
407551		0.93	0.002	0.14	6.34	6.2	210	0.87	0.10	0.07	0.05	31.2	1.0	93	2.98	115.5
442901		0.37	<0.001	0.21	11.65	7.0	260	2.57	0.13	0.11	0.02	54.2	0.6	137	5.16	27.6
442902		0.49	<0.001	0.02	0.60	1.3	40	1.27	0.05	3.89	0.20	16.65	12.3	19	8.77	9.2
442903		0.60	<0.001	<0.01	0.17	0.6	10	0.36	0.02	0.28	0.02	5.99	1.5	14	2.42	1.4
442904		0.34	0.033	0.20	8.25	26.7	280	0.65	0.19	0.03	<0.02	27.4	0.1	85	4.58	2.1
442905		0.54	0.001	0.17	2.64	21.9	60	0.32	0.05	0.02	<0.02	14.00	0.2	45	0.86	24.7
442906		0.62	<0.001	<0.01	0.18	1.7	<10	0.37	0.03	4.87	0.03	8.18	3.8	7	<0.05	1.3
442907		0.53	0.002	0.16	5.92	71.8	90	0.40	0.02	6.34	0.26	8.16	45.9	120	1.20	201
442908		0.38	<0.001	0.02	9.69	10.6	710	2.25	0.04	0.18	0.04	63.8	11.7	106	5.06	24.7
442909		0.50	<0.001	0.07	5.73	0.7	80	1.19	0.05	0.12	0.16	19.10	4.8	32	1.49	29.2
442910		0.73	<0.001	<0.01	0.11	0.2	<10	0.18	0.02	7.94	0.09	4.05	1.3	9	0.05	1.0
442911		0.48	<0.001	<0.01	0.05	1.0	<10	0.05	0.01	0.21	<0.02	0.74	0.4	15	0.35	0.8
442912		0.52	<0.001	0.01	0.18	4.2	<10	0.45	0.03	0.94	0.04	6.59	4.1	5	0.20	1.1
442913		0.41	<0.001	0.01	0.09	13.9	10	1.20	0.02	0.32	0.08	7.28	3.6	1	0.21	1.4
442914		0.41	<0.001	0.05	0.04	0.8	<10	<0.05	0.01	0.01	<0.02	0.60	1.1	9	<0.05	23.8
442915		0.53	<0.001	0.15	3.90	1.0	<10	0.43	0.05	0.14	0.03	62.5	11.0	49	0.13	89.7
442916		0.59	0.019	0.10	1.29	1.3	10	0.13	0.07	0.25	0.10	7.38	12.6	8	0.30	88.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146649

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
407551		10.20	17.10	0.11	3.1	0.259	0.108	2.37	17.7	16.3	0.45	133	7.96	0.22	6.4	14.3
442901		3.94	33.0	0.14	4.9	0.099	0.103	3.91	31.6	61.0	0.65	76	9.10	0.80	18.9	4.1
442902		30.1	3.32	0.16	0.7	0.096	0.016	0.25	9.1	0.7	2.11	21100	0.45	0.03	6.3	11.1
442903		3.34	0.85	0.05	<0.1	0.028	0.005	0.08	3.3	0.4	0.19	1570	0.16	0.02	0.1	2.4
442904		1.22	20.2	0.10	2.4	0.746	0.020	3.31	16.5	7.8	0.19	141	13.60	0.34	15.4	0.8
442905		2.47	6.60	0.07	1.8	0.125	0.025	0.67	8.3	3.2	0.35	63	9.68	0.15	10.7	1.3
442906		16.55	0.96	0.10	0.1	0.016	0.008	0.01	4.4	1.2	2.76	10150	0.21	<0.01	1.3	2.1
442907		8.57	13.95	0.09	1.1	0.014	0.065	1.48	3.1	34.0	3.87	1700	0.20	0.71	2.4	115.5
442908		5.62	26.9	0.16	2.3	<0.005	0.052	4.82	32.8	51.5	1.44	223	2.87	0.06	8.4	33.4
442909		14.45	18.40	0.12	0.5	0.010	0.102	0.53	10.1	51.0	2.77	361	0.59	0.02	2.6	19.9
442910		7.57	0.55	0.07	<0.1	0.013	0.008	0.02	2.6	2.4	3.28	2620	0.20	0.01	0.3	3.0
442911		1.24	0.22	0.05	<0.1	0.010	<0.005	0.02	<0.5	0.4	0.09	384	0.16	0.01	0.1	1.0
442912		26.8	0.99	0.12	0.1	0.021	0.006	0.01	3.9	0.9	2.85	10000	0.45	<0.01	1.1	2.2
442913		33.8	1.03	0.16	<0.1	0.019	0.005	0.08	4.9	0.8	2.38	6990	0.06	0.01	0.8	4.3
442914		1.55	0.22	<0.05	<0.1	0.029	<0.005	<0.01	<0.5	0.8	0.04	86	0.98	<0.01	<0.1	6.4
442915		12.05	16.70	0.14	1.0	0.036	0.011	0.01	37.1	107.0	3.34	413	12.90	<0.01	4.7	44.3
442916		17.55	4.16	0.10	0.1	0.021	0.015	0.01	4.6	7.6	1.18	2070	0.44	0.01	1.0	58.7

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QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146649

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
407551		230	10.2	61.8	0.003	0.26	1.82	17.2	2	1.5	22.7	0.32	0.15	4.08	0.173	3.03
442901		300	25.0	97.6	0.003	0.23	4.16	28.0	1	3.1	123.5	1.07	0.15	6.24	0.676	4.68
442902		480	1.9	12.9	0.002	0.07	0.41	2.1	1	0.2	35.9	0.28	0.06	0.79	0.094	0.08
442903		20	<0.5	3.7	<0.002	0.06	0.17	0.5	<1	<0.2	3.5	<0.05	<0.05	0.19	<0.005	0.04
442904		120	30.7	100.5	0.002	0.10	10.20	12.7	4	1.7	37.2	0.88	0.14	1.56	0.344	5.12
442905		40	6.1	21.8	0.004	0.12	1.20	3.9	5	1.0	18.7	0.79	0.09	1.08	0.122	1.06
442906		240	0.8	0.2	<0.002	0.02	0.24	0.6	1	<0.2	41.2	0.06	<0.05	0.22	0.018	0.03
442907		290	4.1	43.8	0.002	0.02	0.25	37.0	1	0.4	248	0.15	<0.05	0.19	0.543	0.22
442908		170	2.8	137.5	0.004	0.02	0.81	14.9	1	1.3	19.4	0.66	<0.05	12.20	0.305	0.63
442909		710	1.6	25.1	0.002	0.15	0.30	28.6	1	0.7	13.4	0.15	<0.05	0.82	0.125	0.61
442910		80	1.4	0.7	<0.002	<0.01	0.14	0.3	<1	<0.2	89.8	<0.05	<0.05	0.13	<0.005	0.04
442911		50	0.5	0.8	<0.002	0.02	0.29	0.1	<1	<0.2	4.0	<0.05	<0.05	0.02	<0.005	<0.02
442912		330	<0.5	0.5	<0.002	0.05	0.13	0.5	<1	<0.2	11.2	<0.05	<0.05	0.20	0.010	<0.02
442913		220	<0.5	0.8	<0.002	0.06	5.36	0.2	<1	<0.2	17.2	<0.05	<0.05	0.07	<0.005	0.05
442914		10	0.5	0.2	<0.002	0.70	0.16	0.1	1	<0.2	0.5	<0.05	0.05	0.02	<0.005	<0.02
442915		520	3.1	0.4	0.014	4.44	0.48	6.4	3	0.2	3.6	0.25	0.27	1.59	0.045	0.02
442916		30	2.5	0.5	0.003	4.91	0.47	2.0	4	<0.2	6.4	0.12	0.29	0.19	0.006	0.02

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146649

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
407551		5.2	127	0.5	6.9	212	130.0
442901		6.9	220	1.5	9.4	49	191.5
442902		0.8	40	0.5	14.1	34	32.1
442903		0.1	9	0.1	2.7	5	0.7
442904		2.0	358	1.5	3.3	7	79.5
442905		2.2	107	1.2	2.7	22	68.8
442906		0.1	13	0.2	5.6	8	5.4
442907		0.2	287	0.3	5.7	94	37.6
442908		3.1	174	1.8	6.2	93	83.0
442909		0.3	313	0.3	2.7	86	21.7
442910		0.1	6	<0.1	8.2	16	2.2
442911		<0.1	4	<0.1	1.2	2	<0.5
442912		0.1	14	0.1	5.6	13	4.1
442913		0.1	12	0.1	8.5	23	1.9
442914		0.1	2	<0.1	0.3	2	0.5
442915		7.7	258	0.7	11.4	148	62.5
442916		0.8	53	0.1	1.8	66	4.8

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CERTIFICAT D'ANALYSE VO17146649

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167223

Projet: KAN

Bon de commande #: KAN- 008

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167223

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441541		4.97	0.174	0.01	0.19	1.2	10	0.72	0.02	1.40	0.08	4.48	3.0	5	0.45	4.9
441542		<0.02	0.122	0.01	0.18	4.3	10	0.52	0.02	1.40	0.10	4.72	3.2	6	0.46	4.3
441543		6.17	6.34	0.19	0.24	0.3	10	0.33	0.03	2.86	0.17	6.33	6.1	5	0.32	14.0
441544		4.55	0.063	0.01	0.06	1.8	<10	0.24	0.02	1.51	0.06	6.88	3.9	8	0.18	1.6
441545		1.62	0.038	0.01	0.09	0.5	<10	0.11	0.02	1.05	0.07	4.84	1.8	18	0.05	1.7
441546		3.21	<0.001	0.01	0.04	5.0	<10	0.32	0.02	1.15	0.03	6.25	5.3	2	0.18	3.3
441547		0.06	8.25	1.68	7.63	102.5	190	3.75	3.55	1.91	4.27	24.7	18.2	58	2.52	124.0
441548		5.89	0.004	<0.01	0.04	11.3	<10	0.24	0.02	1.39	0.02	5.55	4.3	5	0.14	1.2
441549		2.28	0.001	<0.01	0.04	7.7	<10	0.26	0.02	1.15	0.03	4.24	4.5	4	0.11	1.5
441550		1.51	0.016	0.02	0.01	0.3	<10	0.14	0.02	0.38	0.10	1.25	4.4	20	<0.05	11.7
441551		0.17	0.001	0.01	0.56	0.6	330	0.13	0.03	18.35	0.06	1.86	0.8	2	3.30	1.4
441552		1.34	0.091	<0.01	0.06	0.7	10	0.20	0.02	1.10	0.05	6.82	3.8	7	0.18	2.8
441553		1.59	0.022	<0.01	0.06	3.0	10	0.28	0.02	1.42	0.04	7.44	4.8	<1	0.30	1.9
441554		3.31	<0.001	0.01	0.04	12.0	<10	0.43	0.02	2.18	<0.02	7.02	2.5	4	0.16	1.6
441555		3.59	<0.001	0.01	0.36	57.2	40	0.76	0.05	4.61	<0.02	14.35	15.9	113	0.98	5.5
441556		0.07	1.175	1.01	7.40	101.0	110	4.73	2.85	2.11	2.66	22.3	18.8	61	2.56	59.5
441557		3.52	<0.001	<0.01	0.66	2.5	40	0.74	0.02	5.47	0.02	11.05	3.2	18	1.13	2.3
441558		2.12	<0.001	<0.01	0.28	3.2	10	0.65	0.02	3.10	<0.02	6.26	4.7	15	0.29	2.3
441559		1.49	<0.001	0.01	0.05	11.0	<10	0.53	0.02	3.00	<0.02	7.98	2.5	5	0.07	1.3
441560		2.78	<0.001	0.03	0.34	1.2	10	0.37	0.09	3.98	0.09	14.95	6.5	14	2.68	11.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167223

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441541		23.8	0.76	0.07	<0.1	0.010	<0.005	0.04	3.1	1.5	2.70	7220	0.06	<0.01	0.5	1.1
441542		24.0	0.74	0.06	<0.1	0.014	<0.005	0.03	3.3	1.6	2.74	7280	0.07	<0.01	0.5	1.1
441543		25.0	0.93	0.07	<0.1	0.136	0.005	0.04	4.4	1.8	3.17	7010	0.06	<0.01	0.6	2.3
441544		26.7	0.33	0.07	<0.1	0.007	<0.005	0.01	5.1	0.7	3.26	6950	0.08	<0.01	0.8	1.2
441545		8.00	0.41	<0.05	<0.1	0.006	<0.005	0.01	3.3	0.9	0.94	2370	0.14	<0.01	0.3	0.9
441546		28.2	0.36	0.17	<0.1	0.006	<0.005	0.01	4.4	0.5	3.13	7720	0.32	<0.01	0.5	2.1
441547		5.36	24.7	0.12	1.6	0.015	0.175	4.41	11.7	2.2	1.53	431	1.50	3.29	14.9	65.2
441548		24.8	0.32	0.16	<0.1	0.007	<0.005	0.01	3.9	0.6	3.04	6860	0.07	<0.01	0.5	1.1
441549		23.2	0.34	0.15	<0.1	0.006	<0.005	0.01	2.9	0.5	2.09	6560	0.08	<0.01	0.4	1.1
441550		7.38	0.08	0.07	<0.1	0.012	<0.005	<0.01	0.8	0.3	0.46	1690	0.12	<0.01	0.1	2.4
441551		0.28	1.06	<0.05	0.5	0.006	<0.005	0.33	0.9	50.1	13.00	328	0.27	0.05	1.0	0.7
441552		19.70	0.36	0.12	<0.1	0.006	<0.005	0.01	4.5	0.7	1.01	6020	0.07	<0.01	0.3	1.3
441553		34.5	0.42	0.16	<0.1	0.012	<0.005	0.01	4.8	0.7	2.18	10250	0.06	<0.01	0.7	1.0
441554		22.0	0.29	0.13	<0.1	0.017	<0.005	0.02	4.4	1.1	0.82	3740	1.03	<0.01	0.7	22.3
441555		19.65	1.49	0.12	0.3	0.023	0.005	0.17	7.0	9.0	1.23	4360	1.05	<0.01	19.4	52.4
441556		4.98	24.5	0.10	1.7	0.009	0.092	3.93	9.7	2.6	1.60	445	1.76	3.38	16.0	69.7
441557		15.70	2.68	0.11	0.5	0.012	<0.005	0.18	6.3	14.4	3.06	3290	0.39	0.01	3.2	22.0
441558		17.85	1.32	0.12	0.2	0.010	<0.005	0.05	3.9	5.1	2.69	5010	0.98	<0.01	1.0	20.6
441559		24.4	0.41	0.14	<0.1	0.015	<0.005	0.01	5.0	1.3	1.04	4680	1.25	<0.01	0.6	21.6
441560		17.45	1.45	0.14	0.3	0.008	0.053	0.08	7.1	0.9	2.79	4570	0.38	0.01	3.5	6.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167223

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441541		150	1.0	1.4	<0.002	0.32	0.08	0.1	1	<0.2	30.6	<0.05	<0.05	0.07	<0.005	0.02
441542		150	1.0	1.2	<0.002	0.33	0.09	0.1	1	<0.2	30.9	<0.05	<0.05	0.07	<0.005	0.02
441543		170	1.7	1.3	<0.002	1.24	0.11	0.1	1	<0.2	70.5	<0.05	0.08	0.06	<0.005	0.03
441544		200	0.6	0.3	<0.002	0.06	0.08	0.1	<1	<0.2	23.9	<0.05	<0.05	0.07	<0.005	<0.02
441545		70	0.6	0.4	<0.002	0.09	0.08	0.1	<1	<0.2	19.4	<0.05	<0.05	0.05	<0.005	<0.02
441546		140	1.2	0.2	<0.002	0.03	0.07	0.1	<1	<0.2	12.2	<0.05	0.08	0.05	<0.005	<0.02
441547		880	179.5	421	0.003	3.22	1.97	4.8	4	1.2	243	0.87	0.77	1.25	0.456	1.71
441548		120	0.6	0.3	<0.002	0.04	0.06	0.1	<1	<0.2	15.8	<0.05	0.07	0.04	<0.005	0.02
441549		130	0.6	0.2	<0.002	0.04	0.07	0.1	<1	<0.2	15.0	<0.05	0.06	0.04	<0.005	<0.02
441550		80	5.0	0.1	<0.002	1.41	0.11	<0.1	1	<0.2	4.3	<0.05	0.09	0.02	<0.005	<0.02
441551		50	6.7	9.9	<0.002	0.06	0.12	0.2	1	<0.2	165.0	0.07	<0.05	0.25	0.010	0.44
441552		120	1.0	0.4	<0.002	0.23	0.06	0.1	1	<0.2	17.2	<0.05	<0.05	0.06	<0.005	<0.02
441553		190	0.6	0.4	<0.002	0.07	0.06	0.1	1	<0.2	22.7	<0.05	0.08	0.05	<0.005	<0.02
441554		370	1.0	1.4	<0.002	0.01	0.14	0.1	1	<0.2	17.8	<0.05	0.07	0.08	<0.005	0.04
441555		330	1.5	10.2	<0.002	0.01	0.19	0.8	1	0.2	32.9	0.66	0.10	1.04	0.147	0.22
441556		930	139.0	334	0.002	2.59	1.53	5.0	4	1.1	249	1.07	0.46	1.13	0.474	1.40
441557		250	1.0	12.5	<0.002	0.01	0.10	1.1	1	0.2	49.5	0.11	<0.05	1.08	0.031	0.26
441558		160	0.6	3.0	<0.002	0.01	0.10	0.4	1	<0.2	29.7	<0.05	0.05	0.40	0.012	0.06
441559		450	1.4	0.5	<0.002	0.01	0.14	0.2	1	<0.2	22.6	<0.05	0.07	0.09	<0.005	0.02
441560		570	1.2	2.9	<0.002	0.25	0.21	1.1	1	0.3	67.8	0.18	0.13	0.49	0.040	<0.02

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167223

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441541		<0.1	9	0.1	3.7	18	2.1
441542		<0.1	8	0.1	3.7	18	2.0
441543		<0.1	11	0.2	6.5	25	1.9
441544		<0.1	5	0.1	4.4	17	2.3
441545		<0.1	6	<0.1	3.1	16	0.6
441546		<0.1	4	0.2	4.5	9	0.8
441547		0.8	59	0.4	6.3	350	71.7
441548		<0.1	5	0.1	4.5	6	0.8
441549		<0.1	5	0.1	4.0	7	1.1
441550		<0.1	1	<0.1	0.8	29	<0.5
441551		1.3	2	0.2	1.5	18	12.1
441552		<0.1	5	0.1	3.4	12	1.0
441553		<0.1	7	0.1	5.0	12	1.5
441554		0.4	11	0.3	5.2	5	1.5
441555		1.1	23	0.7	7.8	5	14.8
441556		0.7	61	0.7	6.3	222	77.2
441557		0.3	15	0.3	6.1	7	24.2
441558		0.2	11	0.2	4.2	5	7.0
441559		0.4	9	0.3	6.5	5	1.6
441560		0.4	27	0.1	6.7	14	13.3

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CERTIFICAT D'ANALYSE VO17167223

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 1- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167232

Projet: KAN

Bon de commande #: KAN- 009

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Projet: KAN

CERTIFICAT D'ANALYSE VO17167232

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441561		4.36	0.022	0.02	0.27	2.2	10	0.18	0.05	5.02	0.07	7.86	4.7	15	2.09	7.5
441562		<0.02	0.014	0.02	0.26	2.0	10	0.19	0.06	4.97	0.08	8.44	5.1	14	2.13	7.8
441563		3.87	0.009	0.06	0.13	0.5	<10	0.13	0.08	2.55	0.06	7.11	6.1	7	0.37	11.2
441564		4.95	0.001	0.07	0.05	3.9	<10	0.19	0.16	1.93	0.02	7.33	7.9	4	0.31	11.7
441565		2.66	<0.001	0.02	0.08	8.3	<10	0.34	0.09	4.43	<0.02	6.36	4.4	3	0.70	5.7
441566		1.53	0.002	0.03	0.08	9.6	10	0.34	0.17	2.40	<0.02	6.90	6.6	2	1.01	10.2
441567		5.86	<0.001	0.02	0.06	13.0	<10	0.34	0.23	2.12	<0.02	7.47	6.5	3	0.63	10.0
441568		5.19	0.112	0.02	0.20	2.2	<10	0.20	0.12	5.19	0.05	7.29	4.7	6	0.38	9.2
441569		5.69	0.013	0.08	0.19	1.5	<10	0.30	0.15	6.29	0.05	15.80	5.1	8	0.43	9.2
441570		6.70	0.030	0.02	0.17	2.2	10	0.33	0.08	5.05	0.10	12.35	4.4	8	1.36	9.9
441571		0.20	<0.001	<0.01	0.45	0.8	250	0.20	0.02	18.35	0.04	1.63	0.7	1	0.68	0.9
441572		7.87	<0.001	0.02	0.32	2.9	10	0.53	0.09	3.52	0.06	12.80	4.4	9	2.05	8.2
441573		5.97	<0.001	0.02	0.19	1.9	10	0.32	0.08	7.19	0.04	17.15	3.0	4	1.49	4.8
441574		4.74	0.001	0.02	0.14	5.0	10	0.32	0.15	11.90	0.04	13.45	5.0	6	1.40	8.6
441575		6.68	<0.001	0.03	0.12	12.8	10	0.28	0.14	12.05	0.03	6.90	4.9	5	1.24	3.6
441576		0.06	1.275	1.05	8.11	104.0	120	4.48	2.71	2.27	2.66	27.0	18.7	60	2.71	62.6
441577		3.69	0.012	0.01	0.14	5.0	10	0.31	0.02	11.20	0.08	14.00	2.6	3	0.38	1.6
441578		0.95	0.177	0.05	0.31	2.3	40	0.29	0.01	4.60	0.15	8.11	4.6	5	0.79	15.1
441579		3.55	0.013	0.04	0.20	1.7	20	0.17	0.05	3.36	0.09	9.15	5.2	6	0.48	9.1
441580		2.70	0.009	0.10	0.17	3.8	10	0.22	0.31	4.58	0.05	15.60	7.9	5	0.21	24.9

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167232

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441561		18.30	1.02	<0.05	0.2	0.006	0.016	0.08	4.7	0.7	3.85	4040	0.32	0.02	1.4	3.4
441562		18.15	1.05	0.05	0.1	0.005	0.018	0.07	5.1	0.7	3.80	4020	0.32	0.02	1.4	3.6
441563		22.3	0.71	0.06	<0.1	0.005	<0.005	0.01	5.1	0.6	3.47	3660	0.17	<0.01	0.4	1.2
441564		30.4	0.41	0.08	<0.1	<0.005	<0.005	0.01	4.9	0.4	4.15	6000	0.48	<0.01	0.5	1.7
441565		25.8	0.48	0.06	0.1	0.008	0.009	0.02	4.4	0.5	4.73	3920	0.19	<0.01	0.6	1.2
441566		26.1	0.47	0.07	0.1	<0.005	0.014	0.03	4.6	0.3	3.78	4120	0.57	<0.01	0.9	1.9
441567		27.5	0.40	0.08	0.1	<0.005	0.027	0.02	4.9	0.3	4.11	4550	0.77	<0.01	0.9	1.5
441568		23.1	0.85	0.07	0.1	0.011	0.019	0.01	4.6	0.9	4.74	4750	0.47	<0.01	1.4	1.9
441569		22.9	0.85	0.06	0.2	0.009	0.024	0.01	9.3	1.1	4.98	4850	0.53	<0.01	2.7	2.2
441570		21.9	0.78	0.13	0.1	0.011	0.017	0.04	7.0	0.8	4.48	4850	0.93	0.01	2.7	4.4
441571		0.30	0.58	0.14	0.3	0.005	<0.005	0.28	0.8	34.4	13.00	317	0.15	0.03	0.6	0.8
441572		24.5	1.36	0.10	0.2	0.011	0.021	0.06	8.5	0.8	4.47	9730	1.18	0.01	2.6	3.3
441573		24.5	0.80	0.10	0.1	0.011	0.021	0.04	11.2	1.0	5.53	8040	0.44	0.01	2.2	1.5
441574		17.45	0.62	0.08	0.1	0.013	0.017	0.04	7.8	1.4	6.15	5010	0.85	0.02	2.7	2.6
441575		16.35	0.48	0.08	0.1	0.014	0.020	0.03	4.1	1.5	6.16	4570	0.97	0.01	1.8	2.4
441576		5.16	25.8	0.13	1.7	0.009	0.098	4.13	13.3	2.3	1.69	442	1.32	3.56	15.5	67.7
441577		20.6	0.75	0.08	0.1	0.019	0.008	0.01	8.5	2.2	6.05	6170	0.83	0.01	1.8	1.4
441578		24.4	1.38	0.09	0.1	0.016	0.021	0.06	5.0	3.3	4.51	7690	0.52	<0.01	1.1	3.9
441579		25.4	1.01	0.09	0.1	0.009	0.012	0.02	5.7	2.6	4.32	9780	1.03	<0.01	1.1	2.9
441580		26.1	0.94	0.08	0.1	0.010	0.014	0.03	10.0	2.9	4.41	10350	1.18	<0.01	1.0	4.5

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Projet: KAN

CERTIFICAT D'ANALYSE VO17167232

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441561		370	1.3	2.5	<0.002	0.28	0.14	0.5	1	0.2	81.7	0.07	<0.05	0.25	0.023	<0.02
441562		370	1.4	2.4	<0.002	0.28	0.15	0.5	1	0.2	86.4	0.07	<0.05	0.26	0.021	<0.02
441563		220	1.0	0.4	<0.002	0.60	0.09	0.1	1	<0.2	36.1	<0.05	0.08	0.07	<0.005	<0.02
441564		350	1.1	0.4	<0.002	0.60	0.10	0.1	1	<0.2	23.1	<0.05	0.14	0.06	<0.005	<0.02
441565		230	1.4	0.8	<0.002	0.29	0.10	0.1	1	0.2	34.5	<0.05	0.05	0.08	0.005	<0.02
441566		240	1.2	1.3	<0.002	0.67	0.10	0.2	1	<0.2	25.0	<0.05	0.07	0.09	0.005	<0.02
441567		130	1.4	0.6	<0.002	0.45	0.10	0.2	1	<0.2	23.9	<0.05	0.09	0.08	0.005	<0.02
441568		380	1.3	0.7	<0.002	0.42	0.10	0.4	1	0.2	63.8	0.06	<0.05	0.21	0.020	0.03
441569		610	1.6	0.8	<0.002	0.33	0.14	0.6	1	0.2	78.1	0.13	0.07	0.66	0.026	0.03
441570		680	3.2	1.3	<0.002	0.21	0.10	0.5	1	0.2	66.5	0.11	<0.05	0.61	0.020	<0.02
441571		80	1.4	9.0	<0.002	0.01	0.05	0.2	1	<0.2	142.5	<0.05	<0.05	0.15	0.013	0.16
441572		440	1.2	1.8	<0.002	0.20	0.08	0.8	1	0.2	41.0	0.10	0.06	0.50	0.027	<0.02
441573		1450	1.2	1.4	<0.002	0.07	<0.05	0.5	<1	0.2	55.5	0.08	<0.05	0.35	0.015	<0.02
441574		1230	2.0	1.2	<0.002	0.14	0.06	0.4	<1	<0.2	86.8	0.10	0.06	0.52	0.015	<0.02
441575		440	2.8	1.1	<0.002	0.07	0.05	0.3	<1	<0.2	81.7	0.07	0.07	0.29	0.011	<0.02
441576		960	157.5	375	<0.002	2.77	1.64	5.4	4	1.1	260	1.18	0.44	1.45	0.499	1.49
441577		800	1.6	0.7	<0.002	0.05	0.06	0.5	1	<0.2	125.5	0.10	<0.05	0.42	0.012	<0.02
441578		670	1.2	2.6	<0.002	0.88	0.05	0.4	1	0.2	86.8	0.08	<0.05	0.24	0.010	0.10
441579		580	0.9	1.0	<0.002	0.41	<0.05	0.4	1	0.2	52.5	0.06	<0.05	0.22	0.012	0.04
441580		590	2.4	1.1	<0.002	0.65	0.07	0.4	1	0.2	56.8	0.05	0.15	0.25	0.009	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167232

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441561		0.2	20	0.2	4.9	20	6.5
441562		0.2	18	0.2	5.2	20	6.5
441563		<0.1	10	0.1	4.4	22	1.5
441564		0.1	8	0.1	5.3	11	2.3
441565		0.3	8	0.1	5.4	12	2.5
441566		0.4	10	0.1	5.8	10	3.3
441567		0.1	13	0.1	5.7	13	3.6
441568		0.2	12	0.3	5.0	23	6.5
441569		0.3	16	0.3	6.4	22	10.0
441570		0.3	13	0.3	6.1	27	8.0
441571		0.2	2	0.1	1.1	10	8.8
441572		0.4	24	0.3	5.9	22	10.3
441573		0.2	21	0.2	8.4	17	5.9
441574		0.2	14	0.2	7.7	13	5.5
441575		0.1	9	0.1	5.3	11	4.3
441576		0.9	63	0.7	6.9	223	75.0
441577		0.2	15	0.2	9.7	20	4.6
441578		0.2	19	0.2	7.3	39	3.8
441579		0.2	16	0.2	5.6	34	3.7
441580		0.3	16	0.2	7.3	23	5.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO17167232

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
This copy reported on
25- OCT- 2017
Account: MINVIR

CERTIFICATE VO17167244

Project: KAN

This report is for 98 Rock samples submitted to our lab in Val d'Or, QC, Canada on 9- AUG- 2017.

The following have access to data associated with this certificate:

ROSSE ANNE BOUCHARD CYNTHIA LEE CORPORATIF WEBTREIVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE JAMIE TODD

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

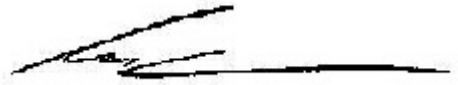
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	ICP- AES
Zn- OG62	Ore Grade Zn - Four Acid	ICP- AES

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	WEI- 21	Au- ICP21	Au- GRA21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
403411		1.72	<0.001		0.05	7.02	5.1	<10	0.31	0.02	5.22	0.11	9.68	43.5	120	0.06
403412		0.40	0.017		0.61	5.50	195.5	240	1.19	0.89	0.03	0.07	45.7	19.7	102	3.88
403413		0.78	<0.001		0.04	4.62	1.9	150	1.08	0.09	0.04	<0.02	16.55	1.9	75	1.61
403414		1.18	<0.001		0.02	6.68	0.8	670	1.92	0.05	0.02	<0.02	6.59	2.5	79	2.79
403415		0.98	<0.001		0.03	5.82	3.5	190	1.45	0.16	0.58	0.76	10.15	4.3	90	2.09
403416		0.86	<0.001		<0.01	6.32	0.2	30	0.26	0.02	7.51	0.19	6.60	37.6	344	1.07
403417		1.17	0.001		0.05	1.81	1.3	30	0.41	0.09	0.54	0.83	33.7	10.0	22	5.90
403418		1.18	<0.001		0.04	0.06	1.3	10	0.27	0.17	0.03	<0.02	14.30	0.4	8	0.45
403419		1.20	<0.001		0.11	5.68	185.5	10	0.15	0.02	5.02	0.21	8.41	79.1	120	0.24
403420		0.94	0.001		0.09	6.41	7.6	10	0.21	0.01	6.53	0.17	11.30	38.9	164	0.47
403421		1.18	<0.001		0.05	2.99	0.6	360	0.63	0.07	0.02	<0.02	4.31	2.5	33	1.56
403422		0.49	0.007		0.35	1.16	0.4	80	0.09	0.35	0.51	0.72	12.25	34.7	23	0.59
403423		0.06	8.01		1.58	7.90	113.5	200	3.44	4.00	1.94	4.37	27.4	16.9	58	2.77
403451		1.86	0.003		0.05	0.02	0.7	<10	<0.05	0.03	0.01	<0.02	9.48	0.3	18	<0.05
403452		1.44	<0.001		0.15	0.21	0.7	10	0.14	0.04	0.02	<0.02	6.76	1.7	10	0.11
403453		1.91	<0.001		0.27	0.31	0.5	<10	0.06	0.04	0.01	0.04	2.84	2.8	9	0.07
403454		1.26	<0.001		0.05	7.18	10.0	970	1.42	0.15	0.97	0.04	65.2	8.3	63	1.90
403455		0.61	<0.001		0.01	0.10	3.3	10	0.33	0.02	5.40	0.08	7.91	2.3	4	<0.05
407411		0.69	<0.001		0.06	8.91	11.2	830	2.28	0.07	0.11	0.04	67.2	13.5	72	3.25
407506		0.90	<0.001		0.04	0.28	1.4	10	0.93	0.30	0.29	0.05	8.53	5.1	6	1.73
407507		0.68	<0.001		0.03	0.04	0.9	<10	<0.05	0.05	0.01	0.17	3.89	1.3	15	<0.05
407508		0.57	<0.001		0.05	0.68	12.2	10	0.20	0.11	0.05	0.30	13.75	4.1	20	0.09
407509		Not Recvd														
407510		1.55	>10.0	13.80	1.59	0.14	2.8	10	0.11	0.12	0.01	<0.02	0.85	3.9	10	0.79
407511		0.94	3.12		0.11	0.22	12.7	20	0.09	0.03	1.31	0.16	2.09	1.3	24	0.99
407512		1.47	0.002		0.02	0.13	0.4	<10	<0.05	0.07	0.01	0.03	6.32	1.1	19	<0.05
407513		1.08	0.002		0.03	0.01	1.0	<10	<0.05	0.04	0.01	<0.02	0.28	0.8	28	<0.05
407514		1.35	0.003		0.05	1.32	0.4	170	0.66	0.10	1.12	0.12	20.9	9.6	18	6.74
407515		0.79	0.004		0.01	0.83	0.2	80	0.36	0.05	0.38	0.03	2.61	4.2	23	2.95
407516		1.18	<0.001		0.01	1.41	0.2	10	0.29	0.03	1.77	0.19	30.6	7.5	18	0.15
407517		1.21	0.001		0.12	0.89	0.3	10	0.12	0.24	0.82	0.08	14.00	9.9	19	0.14
407518		0.71	0.042		0.90	6.26	0.6	200	3.17	1.41	0.20	<0.02	74.9	82.0	71	0.95
407519		1.35	0.002		0.21	0.07	0.8	<10	<0.05	0.06	0.28	0.03	0.28	16.4	42	<0.05
407520		1.06	0.020		0.30	4.56	1.2	60	0.56	0.35	0.38	0.19	60.5	12.4	63	1.30
407521		1.34	0.001		0.16	4.72	0.6	70	0.42	0.10	0.37	<0.02	73.7	13.3	49	0.33
407522		1.46	0.013		0.26	3.10	0.3	210	1.08	0.30	0.30	0.17	45.7	12.3	33	3.78
407523		1.28	2.14		0.71	1.43	0.6	110	0.64	0.11	0.19	0.11	22.6	7.5	26	1.50
407524		0.93	0.001		0.33	0.03	0.7	<10	0.07	0.23	0.31	0.10	14.20	15.5	18	<0.05
407525		0.63	<0.001		0.01	1.89	0.3	60	0.78	0.04	0.74	0.24	6.81	3.9	21	0.26
407526		1.01	<0.001		0.01	0.01	<0.2	<10	<0.05	0.03	<0.01	<0.02	0.10	0.4	25	<0.05

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
403411		79.8	7.82	15.55	0.12	0.8	0.009	0.058	0.01	3.5	104.0	3.97	1180	0.16	1.66	1.4
403412		29.1	10.00	20.3	0.14	2.6	1.810	0.156	2.29	25.4	14.9	0.33	41	35.5	0.48	4.7
403413		67.4	9.16	13.50	0.11	1.3	0.012	0.028	1.13	7.1	14.1	0.62	614	0.93	0.96	7.4
403414		93.6	7.03	19.00	0.09	2.2	0.013	0.038	2.12	2.9	22.8	0.97	889	3.22	1.06	6.1
403415		35.1	13.95	17.95	0.11	2.2	0.009	0.042	1.25	4.6	18.8	0.92	13200	6.72	0.02	17.3
403416		3.6	7.82	13.75	0.09	1.0	<0.005	0.061	0.14	2.2	11.9	5.28	1990	0.13	1.58	3.2
403417		27.6	19.05	6.12	0.13	0.7	0.072	0.068	0.22	24.4	3.9	0.82	83000	1.20	0.01	2.9
403418		4.0	13.30	0.75	0.08	0.1	0.018	0.017	0.05	7.9	0.5	1.45	2170	0.19	0.01	1.3
403419		193.5	9.79	12.30	0.09	0.8	0.010	0.062	0.07	3.6	56.6	7.77	2140	0.14	0.01	0.9
403420		121.0	8.64	14.05	0.08	1.3	0.008	0.065	0.03	4.0	19.1	3.50	1700	0.15	1.52	3.6
403421		129.5	5.15	8.60	0.06	1.3	0.009	0.069	1.14	2.0	5.5	0.30	236	0.83	0.26	0.6
403422		150.5	8.66	4.31	0.08	0.7	0.092	0.072	0.47	6.0	1.5	0.18	231	7.34	0.05	1.4
403423		111.0	5.28	24.1	0.11	1.7	0.015	0.170	4.37	13.8	2.3	1.51	397	1.42	3.28	14.1
403451		12.8	2.76	0.19	0.06	0.1	0.013	<0.005	0.01	5.7	0.2	<0.01	100	17.65	0.01	4.0
403452		53.7	11.45	1.10	0.08	0.2	0.020	0.020	0.07	3.6	0.9	0.02	613	1.20	0.01	2.6
403453		82.9	11.60	1.36	0.08	<0.1	0.021	0.019	0.01	1.9	2.0	0.09	375	0.24	0.02	0.2
403454		18.7	2.57	14.40	0.13	4.6	0.049	0.034	2.27	31.6	21.8	0.68	365	0.40	3.14	9.2
403455		1.5	13.15	0.52	0.09	0.1	0.007	<0.005	0.01	4.5	1.0	2.04	9500	0.67	<0.01	0.8
407411		4.0	3.87	21.7	0.23	4.8	<0.005	0.030	4.42	35.3	44.6	1.47	328	0.43	0.45	9.3
407506		4.4	32.6	1.30	0.11	0.2	0.008	0.024	0.21	5.5	1.0	3.24	8990	1.33	0.02	2.0
407507		7.0	0.96	0.10	<0.05	<0.1	0.013	0.006	0.01	2.3	0.3	0.02	69	0.39	<0.01	0.4
407508		4.5	1.92	2.70	<0.05	0.5	0.078	0.017	0.08	7.2	5.7	0.28	246	3.35	0.02	8.0
407509																
407510		218	15.70	0.48	<0.05	<0.1	0.336	0.009	0.02	0.5	1.1	0.08	276	0.19	<0.01	0.2
407511		20.1	3.97	0.69	<0.05	<0.1	0.020	0.014	0.05	1.1	2.5	0.59	1500	0.28	<0.01	0.4
407512		17.5	5.25	0.91	<0.05	<0.1	0.010	0.023	<0.01	3.7	0.4	0.08	631	0.30	<0.01	0.5
407513		17.4	1.02	<0.05	<0.05	<0.1	<0.005	<0.005	0.01	<0.5	0.2	<0.01	72	0.21	<0.01	0.1
407514		4.2	17.70	3.81	<0.05	0.7	0.012	0.024	0.55	11.4	20.3	1.80	10900	1.20	<0.01	2.1
407515		4.9	5.72	1.99	<0.05	0.2	<0.005	0.018	0.23	1.2	7.4	0.59	2270	0.17	<0.01	0.7
407516		8.5	13.90	3.87	<0.05	0.6	0.007	0.027	0.02	14.9	7.2	1.55	5650	0.24	<0.01	1.8
407517		93.0	8.71	2.22	<0.05	0.3	0.007	0.028	0.02	6.7	4.2	0.58	3140	0.16	0.01	0.7
407518		960	16.25	16.10	0.08	2.6	0.014	0.072	2.19	39.6	33.7	1.36	701	6.42	0.05	10.0
407519		427	3.00	0.17	<0.05	<0.1	<0.005	<0.005	0.02	<0.5	0.5	0.08	283	0.23	0.01	0.1
407520		168.0	19.55	12.20	0.06	2.4	0.016	0.040	0.20	36.9	20.6	1.70	2330	2.76	<0.01	8.2
407521		138.5	11.75	13.75	<0.05	1.3	0.006	0.034	0.39	41.6	22.2	1.91	567	0.16	0.02	4.1
407522		171.5	24.5	8.31	<0.05	1.3	0.012	0.084	0.67	27.4	19.2	1.12	2340	0.84	0.11	4.1
407523		147.0	11.40	3.61	<0.05	0.5	0.010	0.056	0.34	13.0	9.3	0.45	1100	0.26	0.07	2.1
407524		219	9.74	0.11	<0.05	<0.1	0.008	0.022	0.01	7.8	0.3	0.10	746	0.22	0.01	0.1
407525		8.4	28.0	2.71	<0.05	0.6	0.009	0.083	0.15	4.0	3.2	2.56	4700	0.21	1.32	2.0
407526		9.4	0.82	<0.05	<0.05	<0.1	<0.005	<0.005	0.01	<0.5	0.2	0.01	54	0.17	0.01	<0.1

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
403411		117.0	350	2.1	0.1	<0.002	0.46	0.75	36.3	1	0.2	105.5	0.09	<0.05	0.27	0.250
403412		11.8	190	102.5	100.5	0.024	5.26	15.90	13.4	4	7.8	22.4	0.30	3.12	4.44	0.128
403413		4.9	440	7.7	69.0	<0.002	0.10	0.55	8.1	2	0.7	15.7	0.51	0.07	6.36	0.191
403414		6.4	190	2.4	102.0	<0.002	0.08	0.21	11.6	2	1.3	16.2	0.50	0.08	9.42	0.249
403415		12.6	370	4.8	70.4	0.002	0.14	1.03	11.8	2	1.2	5.0	1.12	0.06	8.51	0.271
403416		115.0	50	3.8	9.0	<0.002	<0.01	0.69	43.0	1	0.9	119.0	0.22	<0.05	0.34	0.615
403417		8.9	570	1.5	18.2	<0.002	0.05	0.49	2.8	1	1.3	9.9	0.14	<0.05	2.58	0.063
403418		0.5	460	3.8	1.7	<0.002	0.31	1.05	0.5	1	0.4	4.5	<0.05	0.05	0.33	0.018
403419		430	250	1.7	2.5	<0.002	0.17	0.22	29.6	1	<0.2	77.0	0.07	0.07	0.22	0.178
403420		81.8	440	1.2	2.6	<0.002	0.01	0.16	35.1	1	0.7	41.5	0.24	<0.05	0.35	0.711
403421		3.1	60	6.7	51.9	<0.002	0.25	0.25	5.9	<1	1.6	15.9	<0.05	0.18	3.30	0.040
403422		39.7	140	20.7	16.0	0.004	3.30	3.56	2.8	2	1.1	16.5	0.08	0.75	1.25	0.029
403423		63.4	870	173.0	439	0.004	3.22	2.02	4.5	3	1.2	238	0.92	1.00	1.56	0.447
403451		1.8	130	1.1	0.6	0.004	0.14	0.09	0.1	1	<0.2	0.8	0.07	0.33	0.26	<0.005
403452		5.0	260	2.4	2.6	<0.002	0.21	0.13	0.5	1	0.2	1.6	0.15	0.42	0.32	0.010
403453		33.8	40	1.4	0.7	<0.002	5.21	0.10	0.3	3	<0.2	1.0	<0.05	0.35	0.07	<0.005
403454		21.0	900	18.4	71.0	<0.002	0.02	1.39	8.0	1	1.4	358	0.55	<0.05	9.06	0.307
403455		2.7	240	1.8	0.4	<0.002	0.02	0.06	0.2	<1	<0.2	29.4	<0.05	<0.05	0.17	0.007
407411		38.7	300	3.2	142.0	0.005	<0.01	0.52	10.3	1	1.4	21.0	0.70	<0.05	14.05	0.333
407506		3.7	320	1.7	4.2	<0.002	0.84	2.80	0.5	1	1.6	2.4	0.11	0.05	0.26	0.017
407507		3.3	20	1.1	0.2	<0.002	0.34	0.08	0.1	<1	<0.2	0.5	<0.05	<0.05	0.09	<0.005
407508		24.3	70	25.0	3.0	0.005	0.20	0.09	1.2	1	0.6	1.8	0.50	0.05	0.89	0.027
407509																
407510		64.4	30	1.1	1.6	<0.002	8.86	0.13	0.1	7	<0.2	1.1	<0.05	0.31	0.03	<0.005
407511		5.6	120	0.8	3.2	<0.002	0.70	0.12	0.2	1	<0.2	57.4	0.05	0.06	0.06	0.005
407512		4.6	20	2.3	0.1	<0.002	0.31	0.09	0.5	1	<0.2	0.6	<0.05	0.08	0.11	0.006
407513		1.6	30	0.9	0.2	<0.002	0.03	0.06	<0.1	1	<0.2	1.2	<0.05	0.06	0.02	<0.005
407514		6.8	300	1.8	53.1	<0.002	0.02	<0.05	2.0	1	0.6	44.1	0.12	0.13	2.29	0.049
407515		3.6	170	0.8	19.6	<0.002	0.03	0.05	1.4	1	0.3	10.1	0.05	<0.05	0.57	0.019
407516		5.7	320	1.2	1.3	<0.002	0.03	0.05	2.2	<1	<0.2	31.9	0.13	<0.05	2.17	0.046
407517		7.3	1600	1.8	0.9	<0.002	0.49	0.07	1.4	1	<0.2	17.7	0.05	0.32	1.09	0.018
407518		77.2	1050	5.9	88.2	0.019	7.85	0.35	12.6	5	2.3	19.5	0.64	0.69	12.85	0.238
407519		14.4	20	1.2	0.6	<0.002	1.64	0.07	0.2	1	<0.2	6.0	<0.05	0.16	0.03	<0.005
407520		40.4	540	3.2	13.6	0.004	0.11	0.16	8.1	3	0.3	10.5	0.64	0.37	11.10	0.229
407521		8.3	1900	1.5	16.0	<0.002	0.32	0.05	5.3	1	0.3	13.9	0.22	0.16	6.53	0.089
407522		28.4	370	2.2	51.7	0.002	0.17	0.08	5.2	2	0.6	19.5	0.38	0.36	6.96	0.110
407523		17.1	430	2.1	20.7	<0.002	0.12	0.06	2.8	2	0.4	10.9	0.17	0.20	3.51	0.053
407524		39.0	250	1.9	0.3	0.003	3.61	0.06	0.4	5	<0.2	8.2	<0.05	0.47	0.78	<0.005
407525		5.6	2380	1.9	5.4	<0.002	0.09	<0.05	2.9	1	0.2	97.7	0.18	<0.05	2.53	0.048
407526		1.1	10	0.7	0.2	<0.002	0.03	0.06	<0.1	<1	<0.2	2.0	<0.05	<0.05	0.02	<0.005

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Pb- OG62	Zn- OG62
	Analyte	Tl	U	V	W	Y	Zn	Zr	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.02	0.1	1	0.1	0.1	2	0.5	0.001	0.001
403411		<0.02	0.1	275	0.1	9.4	81	29.3		
403412		4.59	4.4	224	0.9	5.6	93	99.1		
403413		0.40	1.8	149	0.9	3.5	74	46.4		
403414		0.56	2.4	187	2.5	5.1	56	72.9		
403415		0.34	5.5	333	1.9	16.0	112	87.1		
403416		0.07	0.1	254	0.3	21.6	106	35.5		
403417		0.13	0.9	55	0.7	15.9	222	34.2		
403418		0.02	0.1	12	0.1	2.2	8	4.9		
403419		0.07	0.1	225	<0.1	3.6	103	34.8		
403420		0.04	0.1	334	0.3	23.3	115	24.5		
403421		0.83	0.8	61	0.5	1.9	20	44.4		
403422		0.57	3.5	69	0.3	2.8	192	27.4		
403423		1.82	0.9	56	0.5	6.3	319	68.8		
403451		<0.02	0.4	2	0.1	1.6	3	4.8		
403452		0.07	0.5	19	0.3	3.1	12	12.2		
403453		0.02	0.1	16	<0.1	0.6	17	0.8		
403454		0.44	3.1	65	1.2	18.2	61	165.5		
403455		<0.02	0.1	11	0.1	5.0	11	2.3		
407411		0.68	3.3	148	1.0	7.3	39	163.0		
407506		0.08	0.1	26	0.2	7.1	41	6.7		
407507		<0.02	0.5	3	<0.1	0.7	25	2.3		
407508		0.14	1.9	91	0.2	3.7	133	31.2		
407509										
407510		0.11	<0.1	5	<0.1	0.4	7	<0.5		
407511		0.16	0.1	7	0.1	1.9	34	1.4		
407512		<0.02	0.1	13	<0.1	2.3	14	0.9		
407513		<0.02	<0.1	1	<0.1	0.2	3	<0.5		
407514		0.60	0.3	17	5.9	4.4	91	24.1		
407515		0.23	0.2	11	<0.1	1.7	53	7.8		
407516		<0.02	0.3	19	0.1	5.3	78	19.9		
407517		<0.02	0.2	12	0.1	6.8	52	8.7		
407518		0.59	6.6	158	1.6	13.3	79	90.3		
407519		<0.02	<0.1	1	<0.1	0.4	5	<0.5		
407520		0.19	2.7	92	0.3	8.0	165	83.5		
407521		0.08	0.6	63	0.4	7.5	152	45.4		
407522		0.51	1.3	44	0.2	6.8	161	43.7		
407523		0.21	0.4	24	0.1	4.4	87	18.1		
407524		<0.02	0.1	1	<0.1	4.6	16	<0.5		
407525		0.05	0.9	21	0.2	10.0	110	17.8		
407526		<0.02	<0.1	<1	<0.1	0.1	3	<0.5		

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	WEI- 21	Au- ICP21	Au- GRA21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
407527		0.96	<0.001		0.02	9.15	<0.2	710	3.13	0.04	0.01	<0.02	87.3	5.1	89	2.54
407528		1.45	<0.001		0.14	6.81	0.3	180	0.80	0.11	0.14	0.05	43.1	28.6	94	0.27
407529		1.62	<0.001		0.01	7.59	0.2	390	1.71	0.03	0.09	<0.02	5.41	2.9	95	1.97
407530		0.11	1.285		1.12	8.45	122.5	120	5.60	2.69	2.31	2.85	25.6	19.5	64	2.69
407552		1.13	0.022		0.60	2.13	0.4	80	0.51	0.49	0.07	0.14	23.4	9.2	36	0.63
407553		1.15	0.072		3.20	4.04	119.0	290	2.29	0.51	1.78	1.37	64.6	19.9	44	4.16
407554		0.92	0.003		0.21	0.48	10.5	10	0.25	0.03	0.62	0.34	6.65	2.4	22	0.28
407555		1.03	<0.001		0.36	2.10	17.7	100	0.86	0.04	0.54	0.56	31.1	3.0	37	1.54
407556		1.06	0.005		0.52	1.08	41.5	40	0.51	0.09	3.98	0.97	14.55	3.4	27	1.16
407557		1.14	0.002		0.54	0.38	19.0	20	0.19	0.05	0.17	0.16	5.31	0.2	30	0.48
407558		1.38	0.013		0.67	4.45	266	420	1.07	0.23	0.49	0.45	29.5	3.5	58	2.45
407559		0.69	0.054		3.04	3.62	201	160	1.66	0.37	0.06	0.81	51.5	8.5	113	3.96
407560		0.90	0.023		1.67	0.82	53.6	40	0.40	0.11	0.22	2.30	11.45	2.1	39	1.13
407561		0.59	0.053		1.07	3.29	123.0	150	1.42	0.21	5.11	0.80	35.4	5.6	136	3.53
407562		0.90	0.009		1.06	3.61	149.5	110	1.41	0.08	1.92	2.80	46.5	8.7	48	3.03
407563		1.63	0.032		1.86	4.11	182.5	180	1.42	0.37	0.37	1.60	52.6	6.1	90	4.44
407564		1.12	0.202		5.49	1.17	3260	50	0.41	0.74	0.12	1.47	13.40	15.6	18	1.26
407565		1.35	0.007		0.62	0.87	45.1	30	0.29	0.09	13.10	1.82	9.20	5.4	14	1.05
407566		0.64	0.006		0.98	0.98	51.2	30	0.22	0.08	6.57	5.56	10.60	4.5	22	0.81
407567		1.24	<0.001		0.04	0.22	4.7	30	0.07	0.06	7.98	0.12	2.06	1.6	30	0.09
407568		1.74	0.007		1.26	0.45	1875	<10	<0.05	0.10	0.10	0.02	13.30	2.5	18	0.10
407569		1.49	0.003		0.82	0.32	954	<10	0.05	0.07	0.77	0.03	6.54	4.5	11	0.10
407570		1.28	<0.001		0.08	7.18	25.8	<10	0.33	0.03	5.26	0.05	9.67	43.6	148	<0.05
407571		0.96	<0.001		0.13	8.36	2.6	100	0.80	0.06	0.08	2.00	2.34	7.4	257	0.41
407572		1.02	<0.001		0.13	6.72	4.2	100	1.02	0.04	0.39	0.04	4.34	51.1	160	0.75
407573		0.60	0.083		8.58	5.41	85.9	10	0.28	1.43	2.86	6.61	7.58	68.5	98	0.08
407574		0.88	0.003		0.24	11.30	1.5	360	2.35	0.13	0.03	0.02	164.0	0.5	120	5.39
407575		1.22	<0.001		0.23	1.91	1.7	80	0.64	0.05	0.02	0.19	6.80	0.7	32	1.29
407576		0.63	0.002		0.22	12.25	14.1	350	1.77	0.23	0.05	<0.02	60.4	0.2	145	5.90
407577		0.90	<0.001		0.11	7.48	1.1	10	0.40	0.03	6.25	0.20	10.35	47.0	149	0.11
407578		0.76	0.028		0.47	2.82	221	70	0.42	0.19	0.21	1.13	19.05	51.1	64	1.13
407579		0.79	<0.001		0.01	0.09	0.7	10	0.33	0.04	0.62	0.08	4.48	1.5	14	1.20
407580		0.10	1.280		1.05	8.10	102.5	120	4.50	3.05	2.28	2.60	27.1	19.2	64	2.68
407581		0.56	0.012		0.52	6.19	139.5	190	1.16	0.39	0.02	0.05	54.0	5.4	79	4.93
407582		1.23	<0.001		0.01	0.14	0.8	40	0.26	0.03	0.24	0.03	1.90	1.5	13	0.14
407583		0.71	0.005		0.56	2.85	9.3	120	1.11	0.16	0.02	0.02	49.0	0.5	43	2.91
407584		1.15	<0.001		0.05	6.20	24.2	470	2.21	0.18	0.03	0.02	65.8	2.8	59	4.18
407585		1.05	0.051		0.07	0.28	0.7	10	0.34	0.08	1.39	0.19	12.65	5.0	5	0.90
407586		1.59	<0.001		0.19	0.10	0.4	<10	<0.05	0.03	0.17	95.7	0.27	6.4	21	0.06
407587		1.01	<0.001		0.01	7.82	290	10	0.37	0.02	0.90	0.33	5.12	66.9	182	0.15

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
407527		18.4	6.40	24.1	0.12	3.0	<0.005	0.075	3.86	45.7	32.3	1.24	259	0.42	0.09	9.3
407528		180.5	18.70	24.4	0.10	3.5	0.008	0.050	0.70	18.9	37.7	2.93	994	0.76	0.04	7.9
407529		33.4	9.22	18.70	0.06	2.1	0.010	0.039	1.67	2.8	28.2	1.49	1180	0.89	1.80	7.2
407530		60.9	5.38	25.9	0.24	1.9	0.017	0.097	4.23	12.3	3.3	1.74	454	1.43	3.63	15.3
407552		230	23.1	8.20	0.07	2.0	0.071	0.045	0.55	10.3	11.8	0.69	273	28.4	0.03	8.2
407553		33.5	6.50	11.30	0.05	2.7	2.19	0.035	1.95	28.4	31.6	0.87	1420	12.55	0.05	2.7
407554		88.3	10.95	1.18	<0.05	0.2	0.225	0.020	0.10	2.8	2.3	0.38	2020	2.65	0.10	0.3
407555		80.4	4.58	5.62	<0.05	1.0	0.311	0.026	0.72	12.0	13.9	0.51	733	4.88	0.04	1.2
407556		60.7	4.34	2.84	<0.05	0.6	0.518	0.013	0.49	8.6	6.0	1.70	892	15.75	0.02	2.9
407557		76.4	1.00	0.99	<0.05	0.2	0.277	0.005	0.20	3.2	2.0	0.05	81	6.74	0.01	1.4
407558		218	18.55	11.30	0.06	2.2	0.615	0.065	1.77	16.8	9.2	0.27	146	50.7	1.18	4.0
407559		208	6.90	9.85	0.07	1.5	3.05	0.023	1.90	35.3	20.7	0.24	39	128.5	0.03	5.9
407560		235	2.89	2.37	<0.05	0.4	1.340	0.014	0.42	7.4	4.7	0.09	89	35.1	0.01	2.8
407561		74.5	5.96	8.81	<0.05	1.3	3.15	0.019	1.66	23.9	16.3	2.47	979	29.5	0.05	5.0
407562		462	9.32	8.74	0.06	2.4	0.547	0.025	1.29	25.9	17.1	1.03	1000	16.55	0.41	3.7
407563		174.5	7.07	10.55	0.18	2.2	1.860	0.036	1.87	31.8	14.5	0.36	184	92.5	0.25	7.6
407564		366	34.4	3.15	0.25	0.6	3.75	0.022	0.57	8.1	4.2	0.09	26	6.34	0.01	1.4
407565		51.9	9.31	2.21	0.09	0.3	0.420	0.032	0.35	5.1	4.9	6.05	1590	9.93	0.01	1.8
407566		114.0	9.13	2.47	0.10	0.3	0.761	0.090	0.32	5.7	4.3	2.94	1050	9.93	0.01	2.3
407567		4.9	0.70	0.54	0.07	0.1	0.032	0.006	0.14	1.0	2.3	4.87	279	0.34	0.01	0.2
407568		188.5	19.15	2.57	0.09	0.3	0.042	0.044	0.03	7.6	4.4	0.29	948	1.71	0.01	1.2
407569		180.5	18.50	1.70	0.08	0.2	0.028	0.031	0.03	3.6	2.6	0.47	3100	1.24	<0.01	0.6
407570		77.5	9.51	17.40	0.10	0.8	0.021	0.082	<0.01	3.3	14.5	4.19	1460	0.17	0.01	3.4
407571		104.0	13.50	29.6	0.12	3.2	0.712	0.613	1.24	0.8	134.5	5.11	616	0.47	0.37	2.8
407572		271	9.41	20.1	0.09	1.2	0.015	0.100	0.76	1.3	90.2	3.60	307	0.23	0.47	1.1
407573		1060	22.1	13.50	0.12	1.3	3.13	0.121	0.01	2.9	71.1	4.32	1640	0.52	0.01	0.8
407574		13.1	2.51	40.5	0.21	14.7	0.129	0.111	4.58	82.8	16.3	0.44	64	11.05	0.45	82.8
407575		19.4	2.11	4.77	0.10	0.7	0.098	0.027	0.77	3.7	3.5	0.07	114	1.64	0.07	3.1
407576		20.7	3.67	34.5	0.17	7.9	0.169	0.145	4.32	31.2	31.2	0.54	32	17.95	0.77	26.4
407577		112.5	8.83	17.45	0.11	0.6	0.015	0.080	0.01	3.5	19.3	3.55	1400	0.27	0.02	3.6
407578		256	30.9	8.51	0.19	1.3	0.764	0.088	0.92	9.3	9.9	0.45	101	9.83	0.42	3.2
407579		3.6	10.25	0.27	0.08	0.1	0.016	<0.005	0.04	2.7	0.8	0.48	2390	0.31	0.01	0.6
407580		63.1	5.29	25.4	0.14	1.7	0.009	0.099	4.22	13.1	2.8	1.75	462	1.38	3.67	15.8
407581		28.7	8.82	17.35	0.15	3.1	0.111	0.095	2.69	29.5	18.9	0.27	60	30.5	0.38	6.9
407582		1.8	7.47	0.51	0.09	0.1	0.006	<0.005	0.06	0.9	1.7	0.38	2060	0.26	<0.01	0.2
407583		14.0	2.73	9.75	0.13	2.1	0.053	0.058	1.48	25.2	23.2	0.21	77	20.3	0.04	8.7
407584		65.4	5.97	16.20	0.13	3.7	0.067	0.068	2.36	29.2	35.3	0.81	391	2.93	0.09	5.1
407585		61.4	28.5	1.64	0.11	0.1	0.014	0.010	0.20	7.6	0.6	3.20	10200	0.06	0.02	1.7
407586		205	5.87	0.34	0.09	<0.1	35.9	6.77	0.01	<0.5	1.0	0.07	118	0.22	0.02	0.1
407587		16.4	11.90	21.8	0.15	1.5	0.098	0.072	0.11	1.6	184.5	7.86	827	0.19	0.50	1.8

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
407527		11.7	220	2.2	145.0	<0.002	0.06	0.08	15.5	1	2.3	19.4	0.72	<0.05	15.00	0.346
407528		21.3	200	2.2	7.2	0.002	0.33	0.07	12.8	1	0.7	11.2	0.66	0.14	6.82	0.317
407529		4.3	320	2.6	78.4	<0.002	0.19	0.11	11.3	1	1.1	8.4	0.56	0.08	11.40	0.274
407530		71.7	970	157.0	393	0.002	2.82	1.70	5.6	5	1.2	271	1.03	0.51	1.54	0.496
407552		169.5	360	19.5	22.8	0.056	>10.0	1.51	5.9	10	0.4	5.8	0.67	0.98	4.14	0.046
407553		20.8	390	81.4	89.7	0.020	3.84	15.30	8.3	13	1.9	65.3	0.19	0.45	6.73	0.099
407554		11.4	480	1.9	4.5	0.003	0.16	0.73	1.0	2	<0.2	18.3	<0.05	0.09	0.43	0.008
407555		13.0	430	2.8	27.5	0.003	0.38	1.76	3.8	4	0.7	28.4	0.08	<0.05	2.85	0.044
407556		29.6	80	16.8	17.2	0.014	1.63	8.43	3.4	4	0.4	84.5	0.19	0.12	1.07	0.041
407557		4.9	80	8.6	6.9	0.006	0.39	3.84	0.7	2	0.2	5.7	0.07	<0.05	0.36	0.019
407558		37.2	1680	78.3	65.3	0.037	1.21	15.05	6.0	13	0.8	153.5	0.29	0.40	3.81	0.132
407559		116.5	210	39.3	72.9	0.191	8.10	35.3	8.0	23	1.1	10.2	0.37	0.39	3.86	0.114
407560		38.7	80	22.1	16.3	0.031	2.72	10.60	1.9	10	0.4	9.2	0.17	0.12	0.74	0.040
407561		60.2	160	18.9	62.2	0.140	4.50	15.30	9.0	14	1.0	89.7	0.29	0.17	3.24	0.151
407562		173.0	780	13.5	49.0	0.017	6.44	5.14	7.3	15	0.9	90.6	0.22	0.06	5.52	0.090
407563		82.4	680	48.9	69.7	0.101	4.83	19.90	9.5	17	1.2	33.7	0.50	0.37	4.35	0.153
407564		322	180	106.5	21.3	0.007	>10.0	49.7	2.7	49	0.4	8.5	0.07	0.66	0.44	0.074
407565		49.7	120	17.6	12.6	0.009	3.17	5.61	4.2	2	0.3	389	0.10	0.10	0.54	0.031
407566		86.5	160	15.8	11.9	0.010	3.93	4.59	3.3	4	0.3	262	0.10	0.09	0.63	0.034
407567		3.1	150	2.2	3.6	<0.002	0.05	0.35	0.3	<1	<0.2	39.2	<0.05	<0.05	0.25	0.007
407568		17.9	510	17.4	1.0	<0.002	0.77	6.91	1.0	2	<0.2	7.5	0.06	1.70	0.64	0.011
407569		33.8	330	9.2	0.9	<0.002	3.01	4.33	1.1	1	<0.2	18.1	<0.05	0.94	0.36	0.006
407570		94.4	380	5.8	0.1	<0.002	0.15	2.02	45.4	1	0.7	114.0	0.22	<0.05	0.25	0.718
407571		30.4	420	9.4	6.1	<0.002	0.06	0.76	37.0	1	2.4	67.7	0.18	0.21	0.13	0.540
407572		95.9	400	9.6	7.7	0.003	1.90	0.55	42.0	1	0.8	64.3	0.08	0.05	0.16	0.239
407573		61.1	260	6040	0.3	<0.002	>10.0	11.95	29.3	7	2.7	26.7	0.05	0.45	0.24	0.144
407574		2.1	390	37.9	115.5	<0.002	0.10	1.89	23.9	2	6.6	83.6	5.45	0.16	14.05	0.665
407575		3.4	110	22.7	22.3	<0.002	0.06	0.31	3.7	1	0.6	8.6	0.23	0.06	0.66	0.078
407576		2.4	340	34.6	105.5	0.003	0.09	2.48	38.3	2	3.9	103.0	1.54	0.21	6.34	0.985
407577		92.7	410	6.6	0.5	<0.002	0.21	2.86	45.1	1	0.7	170.5	0.22	<0.05	0.29	0.720
407578		53.4	100	20.4	39.1	0.010	>10.0	7.82	8.3	15	0.9	14.2	0.18	5.56	1.54	0.099
407579		2.2	310	1.3	1.8	<0.002	0.23	0.58	0.3	<1	<0.2	8.0	<0.05	<0.05	0.09	<0.005
407580		72.5	980	160.5	377	0.002	2.71	1.45	5.8	4	1.2	261	1.20	0.53	1.42	0.515
407581		24.5	300	29.6	84.4	0.015	2.65	2.50	15.0	4	1.7	24.4	0.48	0.72	5.46	0.180
407582		4.7	60	1.5	2.2	<0.002	0.02	0.27	0.4	<1	<0.2	10.0	<0.05	<0.05	0.14	<0.005
407583		2.4	140	6.7	49.7	0.017	0.30	1.19	7.2	4	1.2	10.2	0.51	0.37	3.06	0.145
407584		8.8	520	6.3	86.4	0.002	0.16	1.01	11.5	4	2.0	31.3	0.34	0.07	9.23	0.167
407585		4.6	400	2.2	3.5	<0.002	0.17	1.02	0.6	1	<0.2	27.8	0.07	0.10	0.35	0.017
407586		31.4	50	2.2	0.4	<0.002	5.06	0.23	0.8	3	<0.2	2.4	<0.05	0.12	0.02	<0.005
407587		403	340	2.4	3.1	<0.002	0.04	0.16	24.0	<1	0.4	35.7	0.11	<0.05	0.23	0.339

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Finalized Date: 13- SEP- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Pb- OG62	Zn- OG62
	Analyte	Tl	U	V	W	Y	Zn	Zr	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.02	0.1	1	0.1	0.1	2	0.5	0.001	0.001
407527		0.70	1.5	89	2.0	5.0	72	101.0		
407528		0.15	1.4	93	1.6	3.1	227	118.5		
407529		0.35	2.0	94	1.2	7.4	105	71.9		
407530		1.53	0.7	64	0.8	7.1	239	79.1		
407552		0.47	9.0	232	0.8	8.2	64	89.6		
407553		3.78	3.9	251	1.3	8.3	199	88.6		
407554		0.21	1.5	45	0.1	4.5	160	6.4		
407555		1.27	1.9	109	0.6	5.4	101	35.2		
407556		1.17	3.1	143	0.8	4.3	180	21.3		
407557		0.52	1.8	74	0.4	1.1	35	7.0		
407558		1.99	6.8	584	1.1	8.1	592	85.5		
407559		4.44	9.4	1620	3.4	19.8	164	58.9		
407560		1.18	4.3	303	1.6	7.0	370	17.2		
407561		3.63	4.6	1160	2.4	8.9	154	51.4		
407562		2.91	9.0	419	1.7	13.4	473	89.8		
407563		4.00	15.1	1080	2.7	17.2	340	91.7		
407564		2.37	1.8	355	1.1	6.9	216	21.0		
407565		0.82	4.1	123	0.5	8.4	454	12.1		
407566		0.64	4.7	108	0.6	8.1	1240	13.4		
407567		0.04	1.2	5	0.1	1.9	16	6.4		
407568		0.07	0.8	61	0.2	2.7	49	15.7		
407569		0.05	0.5	32	0.1	2.7	41	11.8		
407570		<0.02	0.1	371	0.5	23.4	244	13.3		
407571		1.91	0.4	601	0.8	1.7	1110	113.0		
407572		2.66	0.1	406	0.3	2.9	187	45.3		
407573		0.13	0.3	237	0.2	4.1	2630	46.6		
407574		5.56	9.0	187	2.8	24.7	51	>500		
407575		1.08	0.8	35	0.4	1.5	71	27.2		
407576		4.97	8.1	283	1.4	13.8	43	296		
407577		0.03	0.1	367	0.2	23.0	106	15.2		
407578		1.64	3.0	82	0.4	5.0	324	52.9		
407579		0.02	0.1	2	<0.1	4.0	19	1.3		
407580		1.49	0.8	65	0.6	7.0	239	76.9		
407581		3.44	8.0	263	1.3	8.0	103	123.5		
407582		0.07	0.1	11	0.2	1.6	15	2.1		
407583		1.26	5.3	193	1.3	7.3	25	89.0		
407584		2.40	4.6	107	0.9	8.8	72	135.5		
407585		0.07	0.3	20	0.4	6.5	82	7.8		
407586		0.03	<0.1	5	<0.1	0.6	>10000	1.0		2.78
407587		0.20	0.1	378	7.5	4.1	451	51.4		

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Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	WEI- 21	Au- ICP21	Au- GRA21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
407588		0.92	0.002		0.28	8.38	7.8	30	0.56	0.17	1.44	0.21	6.97	19.6	185	0.14
407589		1.15	<0.001		0.15	7.26	1.3	20	0.45	0.20	0.03	0.05	2.86	6.8	166	0.09
407590		0.61	1.815		36.9	7.22	10.1	<10	0.57	0.08	3.76	7.03	10.10	36.2	158	0.05
407591		1.14	<0.001		0.08	0.38	2.3	20	0.43	0.03	2.07	0.19	6.31	4.6	24	0.20
454901		1.16	<0.001		0.19	7.59	145.5	10	0.30	0.69	1.65	0.11	11.30	108.0	373	0.25
454902		0.85	<0.001		<0.01	9.03	2.5	500	2.81	0.03	0.02	<0.02	4.92	5.6	88	5.33
454903		0.82	<0.001		0.12	9.81	1.1	640	2.92	0.50	0.12	<0.02	55.2	5.0	86	5.18
454904		1.38	<0.001		0.06	0.16	7.8	10	1.82	0.09	0.09	0.08	8.47	5.5	6	1.52
454905		1.19	<0.001		0.01	8.20	17.6	10	0.58	0.03	6.70	0.11	12.30	34.9	149	0.10
454906		1.57	<0.001		0.02	8.22	1.0	10	0.62	0.04	6.49	0.12	17.45	57.9	79	0.27
454907		0.85	<0.001		0.09	2.20	1.8	130	0.46	0.24	0.04	0.04	5.10	1.1	35	0.35
454908		1.06	<0.001		0.02	0.13	1.0	<10	0.22	0.04	5.39	0.05	5.96	4.2	9	<0.05
454909		0.93	<0.001		0.06	0.07	0.2	<10	<0.05	0.03	0.02	<0.02	0.14	0.9	16	0.05
454910		1.51	<0.001		0.04	0.38	0.4	<10	0.21	0.05	8.97	0.12	13.10	4.7	8	<0.05
455001		0.71	<0.001		0.01	0.05	2.6	10	0.22	0.02	4.23	0.03	4.08	1.4	11	<0.05
455002		0.70	<0.001		<0.01	0.01	<0.2	<10	<0.05	0.02	0.40	<0.02	0.20	0.1	22	<0.05
455003		0.45	<0.001		0.01	9.51	0.2	500	1.89	0.11	0.03	<0.02	36.8	7.0	84	3.27
455004		0.54	<0.001		0.01	1.17	0.5	60	0.25	0.03	0.05	0.03	8.48	2.3	29	0.36

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
407588		165.0	11.55	19.55	0.10	0.4	0.100	0.109	0.11	2.5	76.0	4.17	932	0.24	2.20	0.5
407589		165.0	19.00	19.60	0.11	1.6	0.038	0.051	0.07	1.0	66.1	4.85	748	0.32	0.64	0.6
407590		165.5	9.46	16.35	0.10	0.4	2.87	0.095	0.01	3.5	51.5	2.87	1240	0.24	1.90	3.4
407591		11.7	10.15	1.40	0.09	0.2	0.038	0.015	0.19	3.2	3.0	1.52	6110	0.27	0.01	1.3
454901		1.3	15.65	26.5	0.20	2.2	0.044	0.065	0.01	4.3	80.3	7.11	2350	0.28	<0.01	7.5
454902		4.4	4.68	23.4	0.10	2.0	0.010	0.026	4.21	1.2	49.7	1.26	357	2.58	0.06	7.0
454903		22.6	5.01	25.9	0.15	5.2	0.008	0.063	3.70	26.0	49.0	0.94	174	0.82	0.76	12.1
454904		16.4	33.3	2.33	0.14	0.2	0.014	0.010	0.07	4.9	1.3	2.06	3880	0.31	0.01	1.6
454905		8.2	8.42	17.30	0.10	0.8	0.006	0.112	0.04	4.3	12.8	3.67	1420	0.19	1.84	3.9
454906		156.0	10.15	22.1	0.12	0.8	0.010	0.112	0.05	5.9	12.2	3.27	1400	0.34	1.74	6.5
454907		15.7	4.94	6.58	0.09	1.1	0.027	0.026	0.39	2.3	13.4	1.01	137	9.35	0.30	3.6
454908		3.8	17.05	0.45	0.10	0.1	0.011	0.005	<0.01	3.6	1.5	2.77	8740	0.75	<0.01	1.3
454909		20.1	2.24	0.27	0.08	<0.1	<0.005	0.005	0.02	<0.5	0.5	0.07	220	0.20	0.01	0.1
454910		11.4	17.65	1.88	0.09	0.2	0.013	0.007	0.01	7.8	3.2	5.75	4510	0.51	<0.01	1.4
455001		3.0	9.91	0.30	0.08	<0.1	0.008	<0.005	0.01	2.6	1.0	2.09	3000	0.30	<0.01	0.5
455002		1.2	0.53	0.07	0.06	<0.1	0.007	<0.005	<0.01	<0.5	0.3	0.07	151	0.16	<0.01	0.1
455003		24.4	4.35	24.3	0.12	3.0	0.005	0.053	4.94	17.7	29.5	0.99	542	0.67	0.07	8.8
455004		9.4	1.35	2.91	0.09	0.4	0.012	0.009	0.52	4.4	4.1	0.15	721	0.23	0.01	1.4

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005
407588		43.8	490	76.7	5.0	<0.002	0.25	1.21	53.2	1	1.0	63.2	<0.05	0.15	0.28	0.101
407589		13.3	430	8.2	2.9	<0.002	0.27	0.72	47.9	2	0.8	9.8	<0.05	0.08	0.25	0.121
407590		67.9	430	>10000	0.3	0.002	1.51	44.6	45.5	2	28.4	87.5	0.21	0.21	0.26	0.702
407591		11.4	390	17.6	5.0	<0.002	0.62	0.21	1.2	1	0.2	41.9	0.07	<0.05	0.35	0.027
454901		372	430	99.5	0.5	<0.002	0.01	0.22	30.0	1	0.2	24.2	0.32	0.60	0.59	0.407
454902		27.1	60	2.9	159.5	0.002	0.01	0.19	12.8	<1	0.9	11.5	0.59	<0.05	11.30	0.246
454903		11.7	740	29.6	173.0	<0.002	0.21	0.31	14.9	1	2.0	131.0	0.73	0.10	17.45	0.197
454904		3.1	450	2.0	4.9	<0.002	0.55	0.69	0.6	1	0.4	3.7	0.07	0.12	0.31	0.018
454905		88.4	430	7.4	0.7	<0.002	<0.01	0.90	38.6	1	4.6	169.0	0.25	<0.05	0.43	0.677
454906		75.2	640	6.2	0.9	0.003	0.58	0.61	55.9	2	1.0	176.0	0.38	<0.05	0.56	1.170
454907		3.7	180	32.9	15.1	0.004	0.12	0.14	4.3	2	0.3	6.7	0.29	0.30	1.59	0.047
454908		5.0	270	3.2	0.1	<0.002	0.02	0.14	0.7	<1	<0.2	42.4	0.05	<0.05	0.18	0.012
454909		1.9	<10	0.9	0.6	<0.002	0.24	0.09	0.2	<1	<0.2	0.6	<0.05	0.07	0.02	<0.005
454910		4.6	590	2.5	0.2	<0.002	0.21	0.08	1.0	1	<0.2	103.0	0.07	<0.05	0.35	0.017
455001		1.6	120	1.3	0.5	<0.002	0.03	0.08	0.2	<1	<0.2	21.2	<0.05	<0.05	0.06	<0.005
455002		0.8	40	0.5	0.2	<0.002	0.01	0.07	<0.1	<1	<0.2	6.7	<0.05	<0.05	0.04	<0.005
455003		12.5	150	4.4	146.0	<0.002	0.05	0.34	12.0	1	1.6	18.8	0.69	<0.05	14.10	0.336
455004		5.6	210	1.7	16.7	<0.002	<0.01	0.13	1.2	<1	0.2	6.2	0.13	<0.05	1.60	0.049

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- SEP- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17167244

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Pb- OG62	Zn- OG62
	Analyte	Tl	U	V	W	Y	Zn	Zr	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.02	0.1	1	0.1	0.1	2	0.5	0.001	0.001
407588		0.20	0.1	412	0.2	11.6	266	14.5		
407589		0.11	0.2	383	0.4	3.0	324	56.5		
407590		0.04	0.1	367	0.7	24.9	3550	7.5	1.370	
407591		0.14	0.2	26	0.4	3.8	73	9.8		
454901		<0.02	0.2	404	2.0	5.7	341	75.3		
454902		0.86	3.1	182	1.5	5.0	92	69.8		
454903		0.80	2.9	84	1.0	8.9	83	214		
454904		0.09	0.3	23	0.1	8.6	296	7.8		
454905		0.02	0.1	296	0.7	23.0	106	26.2		
454906		0.03	0.3	483	0.7	33.1	111	21.7		
454907		0.16	2.3	136	0.2	2.9	78	54.1		
454908		<0.02	0.2	19	0.1	4.3	17	3.9		
454909		<0.02	<0.1	4	<0.1	0.1	9	<0.5		
454910		<0.02	0.4	30	0.1	7.0	32	7.8		
455001		<0.02	0.1	7	0.1	3.3	9	2.7		
455002		<0.02	<0.1	1	<0.1	0.2	4	<0.5		
455003		0.53	1.8	72	1.3	5.5	69	104.5		
455004		0.06	0.2	9	0.2	1.5	16	13.6		

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CERTIFICATE OF ANALYSIS VO17167244

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- GRA21	Au- ICP21	Hg- MS42	ME- MS61
ME- OG62	Pb- OG62	Zn- OG62	

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
27- AOUT- 2017
Compte: MINVIR

CERTIFICAT VO17167977

Projet: KAN

Bon de commande #: KAN- 003

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 11- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

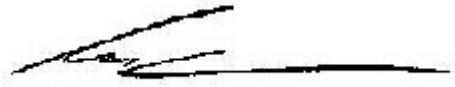
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167977

Description échantillon	Méthode élément unités L.D.	Au- GRA21 Au ppm 0.05	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05
441441			2.15	0.001	0.01	0.30	1.6	10	0.35	0.02	7.81	0.18	9.56	2.6	10	1.11
441442			<0.02	<0.001	0.01	0.31	2.0	10	0.34	0.07	7.73	0.20	9.14	2.5	9	1.17
441443			4.67	0.002	0.01	0.14	0.5	<10	0.20	0.01	6.01	0.13	6.73	2.4	10	0.09
441444			4.75	0.001	<0.01	0.06	0.3	<10	0.17	0.01	0.85	0.09	3.83	2.5	6	0.06
441445			5.43	0.009	0.01	0.09	0.5	<10	0.20	0.02	1.09	0.12	5.81	3.5	9	0.28
441446			5.78	0.011	0.14	0.21	0.5	<10	0.24	0.04	5.34	0.13	11.95	8.1	6	0.10
441447			0.08	8.33	1.58	7.95	111.0	190	3.99	3.65	1.99	4.12	26.2	17.9	58	2.58
441448			3.67	0.143	0.03	0.27	0.8	<10	0.37	0.03	2.46	0.13	10.05	5.3	11	0.24
441449			4.68	0.356	0.02	0.18	9.9	<10	0.24	0.02	1.98	0.12	12.50	5.2	10	0.11
441450			4.74	0.227	0.31	0.08	0.7	10	0.25	0.11	5.30	0.23	7.28	9.8	3	0.89
441451			0.20	<0.001	0.02	0.07	1.5	120	0.08	0.02	16.40	0.07	1.41	0.4	1	0.95
441452			2.27	0.091	0.29	0.06	1.5	10	0.18	0.10	2.82	0.13	5.92	5.6	3	0.24
441453			3.90	0.013	0.01	0.08	4.2	10	0.46	0.01	5.63	0.13	12.35	5.1	3	0.16
441454			4.24	0.075	0.01	0.06	3.5	10	0.19	0.01	2.03	0.08	6.93	5.2	3	0.20
441455			3.84	0.793	0.02	0.10	0.7	<10	0.18	<0.01	6.47	0.15	7.94	3.1	4	0.10
441456		17.15	0.09	>10.0	0.84	7.85	60.8	320	2.46	16.25	2.46	0.74	27.0	20.4	75	2.05
441457			2.66	0.003	<0.01	0.28	3.3	20	0.23	0.01	5.64	0.17	9.79	3.8	10	1.15
441458			5.39	0.002	0.02	0.37	7.3	20	0.25	0.02	5.69	0.22	10.60	6.2	16	1.54
441459			4.88	0.001	0.01	0.27	3.1	20	0.22	0.01	6.12	0.22	9.84	4.0	12	1.99
441460			2.84	0.001	0.02	0.37	6.6	30	0.25	0.01	6.41	0.28	11.70	5.1	15	2.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167977

Description échantillon	Méthode élément unités L.D.	ME- MS61 Cu ppm 0.2	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1
441441		2.8	15.25	1.22	0.08	0.1	0.029	0.019	0.07	5.3	3.8	4.45	5560	0.21	0.01	1.6
441442		2.5	15.05	1.23	0.06	0.1	0.030	0.015	0.06	5.0	3.9	4.39	5490	0.21	0.01	1.7
441443		3.1	15.30	0.69	0.06	<0.1	0.024	0.005	<0.01	3.9	2.8	3.27	4780	0.13	<0.01	0.6
441444		2.2	21.4	0.36	0.07	<0.1	0.019	<0.005	<0.01	2.3	1.2	3.08	4290	0.10	<0.01	0.3
441445		6.0	23.6	0.47	0.07	<0.1	0.052	<0.005	0.01	3.6	1.4	3.09	4980	0.15	<0.01	0.6
441446		84.4	23.6	1.04	0.09	0.1	0.039	0.026	<0.01	7.2	2.8	4.37	9460	0.33	<0.01	0.7
441447		114.5	5.48	26.1	0.09	1.6	0.015	0.172	4.55	13.3	2.5	1.56	431	1.52	3.36	14.5
441448		13.9	25.3	1.12	0.09	0.1	0.032	0.008	0.03	5.8	3.3	3.01	10750	0.61	<0.01	2.1
441449		9.6	25.0	0.80	0.08	0.2	0.035	0.007	0.03	7.2	2.2	2.29	8980	0.23	<0.01	3.1
441450		135.0	23.6	0.35	<0.05	0.1	0.055	<0.005	0.02	4.5	0.7	2.24	6520	1.45	<0.01	0.8
441451		2.0	0.44	0.22	0.12	<0.1	0.007	<0.005	0.06	0.9	23.8	13.40	479	0.17	0.03	0.3
441452		104.0	24.2	0.33	0.05	<0.1	0.065	<0.005	0.01	3.8	0.5	0.92	4870	1.42	<0.01	0.4
441453		7.7	25.9	0.41	<0.05	0.1	0.048	<0.005	0.01	8.2	1.0	3.77	11850	0.38	<0.01	1.2
441454		11.3	26.9	0.32	<0.05	<0.1	0.040	<0.005	0.01	4.8	0.7	2.43	12200	0.44	<0.01	0.7
441455		20.8	20.2	0.43	<0.05	<0.1	0.037	<0.005	0.01	5.4	1.2	3.68	8990	0.40	<0.01	0.4
441456		233	6.17	22.0	0.09	1.7	0.085	0.371	4.24	12.2	2.6	1.87	491	1.39	2.93	14.8
441457		6.5	15.85	0.90	<0.05	0.1	0.029	0.011	0.07	5.0	3.3	3.84	5030	0.30	<0.01	1.8
441458		19.8	18.05	1.22	<0.05	0.2	0.031	0.012	0.08	5.1	3.8	4.16	6360	0.71	<0.01	3.3
441459		8.5	14.65	0.93	<0.05	0.2	0.023	0.013	0.07	5.0	2.4	3.70	6090	0.36	<0.01	2.1
441460		16.6	14.90	1.23	<0.05	0.3	0.030	0.015	0.11	6.3	3.9	3.62	6200	0.68	<0.01	2.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167977

Description échantillon	Méthode élément unités L.D.	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005
441441		2.3	310	2.4	2.8	<0.002	0.04	0.14	0.5	1	0.2	104.0	0.08	<0.05	0.39	0.019
441442		2.2	290	2.1	2.9	<0.002	0.04	0.14	0.5	1	0.2	104.5	0.09	<0.05	0.37	0.021
441443		1.5	120	1.3	0.2	<0.002	0.15	0.10	0.2	1	<0.2	74.6	<0.05	<0.05	0.16	<0.005
441444		1.1	110	3.4	0.1	<0.002	0.06	0.08	0.1	<1	<0.2	12.9	<0.05	<0.05	0.04	<0.005
441445		2.0	120	31.5	0.5	<0.002	0.41	0.10	0.1	1	<0.2	17.2	<0.05	<0.05	0.08	<0.005
441446		6.2	280	31.2	0.2	<0.002	2.56	0.23	0.5	1	<0.2	71.4	<0.05	0.17	0.36	0.007
441447		64.2	890	174.0	460	0.003	3.28	2.08	5.0	4	1.2	247	0.95	0.85	1.54	0.461
441448		4.1	370	12.6	1.4	<0.002	0.55	0.15	0.4	1	<0.2	37.1	0.11	0.06	0.35	0.023
441449		3.7	640	21.3	0.8	<0.002	0.40	0.36	0.5	1	<0.2	24.4	0.14	0.05	0.51	0.024
441450		7.3	160	6.4	1.1	<0.002	4.38	0.21	0.2	2	<0.2	70.6	<0.05	0.22	0.08	0.006
441451		0.6	30	3.5	2.2	<0.002	0.02	0.28	0.1	<1	<0.2	114.5	<0.05	<0.05	0.13	<0.005
441452		4.0	70	3.7	0.4	<0.002	0.98	0.18	0.1	2	<0.2	35.0	<0.05	0.24	0.12	<0.005
441453		2.1	180	1.7	0.3	<0.002	0.29	0.21	0.2	1	<0.2	48.3	<0.05	<0.05	0.22	0.007
441454		1.3	110	0.7	0.3	<0.002	0.45	0.09	0.2	1	<0.2	21.1	<0.05	0.05	0.08	0.005
441455		1.4	90	1.7	0.2	<0.002	0.78	0.09	0.1	1	<0.2	62.6	<0.05	<0.05	0.05	<0.005
441456		75.5	1040	77.7	310	0.005	3.53	1.24	5.8	2	1.8	336	1.07	2.62	1.78	0.560
441457		3.4	380	2.3	2.7	<0.002	0.02	0.12	0.6	1	<0.2	70.5	0.08	<0.05	0.41	0.022
441458		5.7	350	2.8	2.9	<0.002	0.19	0.16	0.9	1	0.2	71.9	0.13	<0.05	0.59	0.034
441459		3.3	340	1.9	2.9	<0.002	0.04	0.14	0.6	<1	0.2	64.6	0.09	<0.05	0.39	0.028
441460		4.9	320	3.3	4.3	<0.002	0.17	0.17	1.0	1	0.2	82.5	0.13	<0.05	0.63	0.044

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QUEBEC QC G1K 7R1

Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167977

Description échantillon	Méthode élément unités L.D.	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441441		0.07	0.1	17	0.3	5.5	42	6.3
441442		0.07	0.1	17	0.3	5.4	42	6.7
441443		<0.02	0.1	9	0.2	5.2	19	2.7
441444		<0.02	0.1	6	0.1	3.1	19	1.7
441445		<0.02	0.1	7	0.1	3.6	23	2.3
441446		0.02	0.3	14	0.2	6.0	39	7.1
441447		1.81	0.9	57	0.5	6.5	341	75.4
441448		0.03	0.1	15	0.2	5.2	31	7.6
441449		<0.02	0.1	13	0.2	5.2	30	7.7
441450		0.02	0.1	10	0.1	5.2	31	3.4
441451		0.14	0.4	2	0.4	1.0	21	1.5
441452		<0.02	0.1	8	0.1	3.7	30	2.0
441453		<0.02	0.1	13	0.2	6.1	36	3.1
441454		<0.02	0.1	7	0.2	4.4	20	2.2
441455		<0.02	0.1	10	0.1	5.9	27	2.4
441456		1.28	1.8	73	0.6	7.5	67	81.0
441457		0.08	0.2	16	0.2	5.1	54	6.3
441458		0.08	0.4	21	0.2	5.5	73	8.6
441459		0.06	0.3	15	0.2	4.9	65	7.6
441460		0.12	0.7	21	0.3	5.9	66	13.5

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CERTIFICAT D'ANALYSE VO17167977

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU- 31	CRU- QC	LOG- 21	LOG- 21d
	LOG- 23	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au- GRA21	Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
27- AOUT- 2017
Compte: MINVIR

CERTIFICAT VO17167980

Projet: KAN

Bon de commande #: KAN- 004

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 11- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

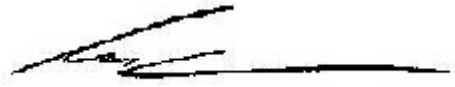
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
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Projet: KAN

CERTIFICAT D'ANALYSE VO17167980

Description échantillon	Méthode élément unités L.D.	Au- GRA21 Au ppm 0.05	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05
441461			1.68	0.002	0.03	0.46	64.0	30	0.33	0.02	5.64	0.26	12.25	5.8	17	0.83
441462			<0.02	0.010	0.03	0.48	82.9	30	0.34	0.03	5.68	0.27	11.80	6.4	17	0.92
441463			2.32	0.034	0.10	0.94	156.0	10	0.43	0.20	3.01	0.20	20.1	15.2	26	0.76
441464			1.18	0.013	0.03	0.42	10.1	10	0.49	0.05	7.43	0.09	11.90	4.4	10	1.23
441465			1.30	0.008	0.03	0.20	12.2	10	0.32	0.08	5.74	0.05	9.91	6.2	7	0.91
441466			1.71	<0.001	0.02	0.59	3.3	10	0.87	0.04	0.87	0.03	13.25	6.9	14	0.66
441467			0.09	8.62	1.73	8.34	111.5	210	3.96	3.99	2.11	4.40	26.7	19.8	60	2.65
441468			2.12	0.002	0.03	0.78	4.2	10	1.27	0.06	0.64	0.04	17.45	10.2	17	1.81
441469			1.98	<0.001	0.02	0.71	13.4	10	1.26	0.05	0.50	0.02	13.70	8.7	19	2.35
441470			1.46	<0.001	0.01	0.61	2.4	30	1.03	0.04	0.93	0.02	12.95	8.3	13	4.70
441471			0.21	<0.001	0.02	0.22	1.9	470	0.11	0.05	20.4	0.05	2.86	0.5	<1	1.05
441472			3.59	0.005	0.02	0.09	6.7	10	0.32	0.02	7.92	0.13	8.51	4.4	2	0.16
441473			3.91	0.002	0.02	0.11	2.1	10	0.29	0.02	7.60	0.12	6.91	2.9	4	0.08
441474			2.05	<0.001	0.01	0.05	1.1	<10	0.19	0.01	6.20	0.10	3.48	1.6	5	<0.05
441475			1.45	0.001	0.07	0.13	7.2	10	0.25	0.02	8.10	0.33	6.54	4.4	4	0.06
441476		17.65	0.09	>10.0	0.93	8.18	71.6	330	2.78	16.40	2.61	0.67	24.5	23.4	77	2.01
441477			3.93	0.027	0.11	0.15	10.9	10	0.15	0.07	1.88	0.06	4.89	2.3	8	<0.05
441478			4.49	0.014	0.07	0.17	8.3	10	0.23	0.06	5.75	0.10	4.27	2.9	10	0.05
441479			4.39	0.003	0.01	0.05	6.6	10	0.26	0.02	7.70	0.07	8.00	1.8	5	0.10
441480			3.46	0.054	0.01	0.09	6.3	10	0.23	0.02	9.46	0.11	6.88	2.1	6	0.17

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Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167980

Description échantillon	Méthode élément unités L.D.	ME- MS61 Cu ppm 0.2	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1
441461		35.1	15.95	1.88	0.09	0.4	0.026	0.042	0.13	7.0	4.6	2.39	6500	1.21	0.01	3.2
441462		39.1	16.35	1.96	0.09	0.4	0.028	0.047	0.14	6.9	4.8	2.47	6590	1.24	0.01	3.5
441463		215	31.4	4.84	0.13	0.7	0.043	0.120	0.04	11.9	5.3	2.72	12950	1.42	<0.01	6.0
441464		80.2	19.55	2.19	0.11	0.3	0.030	0.148	0.06	6.7	2.7	2.72	9950	0.51	<0.01	2.9
441465		86.1	12.95	1.00	0.08	0.1	0.022	0.061	0.06	5.6	1.8	2.86	8370	0.75	<0.01	1.6
441466		9.5	21.2	3.07	0.10	0.5	0.023	0.015	0.07	6.9	2.9	1.84	17800	0.40	<0.01	4.8
441467		120.5	5.73	27.7	0.12	1.7	0.021	0.187	4.79	13.6	2.6	1.68	500	1.61	3.55	14.4
441468		15.8	28.8	4.11	0.14	0.6	0.032	0.018	0.19	9.6	4.3	2.84	20700	0.59	<0.01	5.8
441469		19.1	22.5	3.56	0.12	0.5	0.033	0.017	0.15	7.6	3.7	2.05	16600	0.56	<0.01	4.8
441470		7.9	27.9	3.13	0.13	0.5	0.032	0.031	0.20	6.8	2.2	2.72	19950	0.31	<0.01	4.4
441471		0.8	0.27	0.61	0.07	0.1	0.016	0.005	0.17	1.4	25.0	14.20	447	0.24	0.04	0.4
441472		5.9	23.2	0.67	0.12	0.1	0.031	0.008	0.01	5.8	1.4	3.99	7940	0.12	<0.01	0.8
441473		5.2	18.95	0.63	0.09	0.1	0.022	0.007	0.01	4.9	1.6	3.85	7710	0.06	<0.01	0.5
441474		3.1	13.20	0.34	0.07	<0.1	0.023	0.005	0.01	2.6	1.0	2.85	5610	0.09	<0.01	0.2
441475		25.2	18.20	0.73	0.08	0.1	0.036	0.014	0.03	4.3	1.3	3.95	8090	0.09	<0.01	0.4
441476		261	6.45	23.8	0.11	1.9	0.090	0.374	4.41	12.2	2.7	1.94	522	1.30	3.04	15.8
441477		8.3	13.65	1.15	0.07	<0.1	0.014	0.008	<0.01	3.3	1.2	1.67	5690	0.15	<0.01	0.6
441478		13.5	12.90	0.86	0.08	<0.1	0.027	0.006	0.01	2.9	1.5	2.90	4490	0.29	<0.01	0.5
441479		2.1	15.35	0.42	0.08	<0.1	0.022	<0.005	0.01	5.7	0.9	3.68	6460	0.08	<0.01	0.4
441480		2.6	13.55	0.55	0.08	<0.1	0.029	<0.005	0.02	4.5	1.5	3.93	5290	0.11	<0.01	0.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167980

Description échantillon	Méthode élément unités L.D.	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005
441461		8.4	320	2.7	4.6	0.002	0.17	0.35	1.4	1	0.2	81.7	0.19	0.05	0.95	0.055
441462		8.8	340	2.8	4.9	0.003	0.16	0.38	1.5	1	0.2	82.0	0.20	0.07	0.96	0.058
441463		16.3	580	2.6	2.1	<0.002	0.28	0.29	3.1	1	0.3	42.3	0.32	0.17	1.17	0.099
441464		6.9	310	2.8	2.9	<0.002	0.11	0.18	1.7	<1	0.3	65.8	0.19	0.05	0.56	0.050
441465		5.4	330	3.9	2.6	<0.002	0.23	0.20	0.8	1	0.2	59.9	0.10	0.06	0.27	0.025
441466		8.1	390	1.5	3.3	<0.002	0.07	0.21	1.7	1	0.2	14.7	0.34	<0.05	0.89	0.075
441467		69.2	930	193.5	480	0.004	3.38	2.30	5.3	3	1.2	254	0.96	0.94	1.46	0.484
441468		11.4	510	2.9	9.8	<0.002	0.09	0.26	2.3	1	0.4	11.9	0.43	0.05	0.97	0.107
441469		10.5	560	2.7	7.8	0.002	0.08	0.25	2.2	1	0.3	10.9	0.29	0.06	0.79	0.101
441470		8.2	560	1.4	8.5	0.002	0.05	0.25	2.1	1	0.3	18.2	0.26	<0.05	0.62	0.103
441471		<0.2	40	3.7	4.7	0.002	<0.01	0.29	0.5	<1	<0.2	195.5	<0.05	<0.05	0.21	0.007
441472		2.2	200	2.2	0.4	<0.002	0.08	0.14	0.2	<1	<0.2	61.3	<0.05	<0.05	0.12	0.007
441473		2.1	260	2.0	0.4	<0.002	0.14	0.11	0.4	<1	<0.2	72.7	<0.05	<0.05	0.10	0.006
441474		1.4	50	1.6	0.3	<0.002	0.10	0.12	0.1	<1	<0.2	52.9	<0.05	<0.05	0.04	<0.005
441475		2.0	170	2.3	1.0	<0.002	0.84	0.17	0.5	1	<0.2	88.7	<0.05	0.08	0.11	0.005
441476		81.2	1070	67.7	302	0.006	3.65	1.28	6.2	2	1.7	354	1.09	2.71	1.83	0.591
441477		1.6	160	1.5	0.3	<0.002	0.08	0.22	0.7	<1	<0.2	18.2	<0.05	0.05	0.08	0.006
441478		2.6	100	2.2	0.4	<0.002	0.76	0.19	1.0	<1	<0.2	51.4	<0.05	0.07	0.08	0.005
441479		1.2	240	1.7	0.6	<0.002	0.05	0.14	0.1	<1	<0.2	61.1	<0.05	<0.05	0.08	<0.005
441480		1.6	120	2.3	0.8	<0.002	0.05	0.19	0.2	<1	<0.2	94.7	<0.05	<0.05	0.07	<0.005

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Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167980

Description échantillon	Méthode élément unités L.D.	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441461		0.12	0.8	33	0.3	5.4	62	16.7
441462		0.13	0.8	34	0.3	5.6	65	16.4
441463		0.06	1.1	64	0.2	7.8	92	30.1
441464		0.04	0.4	29	0.3	6.5	39	13.7
441465		0.05	0.2	17	0.2	4.7	39	6.9
441466		0.05	0.4	39	0.2	7.9	23	22.6
441467		1.93	0.9	61	0.5	7.0	359	74.1
441468		0.14	0.7	52	0.3	10.8	37	27.9
441469		0.10	0.5	62	0.4	9.2	25	23.7
441470		0.06	0.4	52	0.4	8.6	24	22.2
441471		0.17	0.2	3	0.3	1.4	16	5.2
441472		<0.02	0.1	9	0.1	6.8	23	3.2
441473		0.02	0.1	8	0.1	6.1	24	3.2
441474		<0.02	0.1	4	<0.1	3.7	19	0.9
441475		0.03	0.1	10	0.1	5.4	63	2.6
441476		1.34	1.1	77	0.6	7.5	70	81.6
441477		<0.02	0.1	12	0.1	3.1	13	2.8
441478		<0.02	0.1	14	0.1	4.2	14	2.3
441479		<0.02	0.1	7	0.1	6.2	9	2.0
441480		0.02	0.1	8	0.1	6.3	11	2.1

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CERTIFICAT D'ANALYSE VO17167980

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
Au- GRA21	Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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Finalisée date:
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Compte: MINVIR

CERTIFICAT VO17167982

Projet: KAN

Bon de commande #: KAN- 005

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 11- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

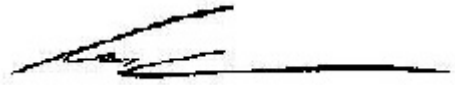
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17167982

Description échantillon	Méthode élément unités L.D.	Au- GRA21 Au ppm 0.05	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05
441481			4.81	0.011	0.02	0.29	1.1	10	0.20	0.02	4.07	0.12	3.77	2.0	12	0.11
441482			<0.02	0.012	0.03	0.31	1.0	10	0.14	0.03	4.24	0.13	3.97	2.1	14	0.11
441483			4.27	0.002	0.01	0.14	11.7	<10	0.13	0.02	6.20	0.14	7.89	2.5	7	0.07
441484			4.32	0.001	0.03	0.11	89.5	<10	0.07	0.02	2.06	0.17	5.64	3.1	17	<0.05
441485			3.22	0.001	0.09	0.12	12.4	<10	0.15	0.02	6.69	2.27	7.78	4.1	10	0.09
441486			3.00	<0.001	0.02	0.64	2.4	30	0.34	0.03	7.89	0.32	5.61	2.5	9	0.23
441487			0.09	7.07	1.60	7.71	102.0	190	3.54	3.46	1.95	4.43	27.1	17.1	59	2.67
441488			1.90	0.005	0.06	0.85	1.2	20	0.23	0.03	9.31	0.34	5.58	3.6	3	0.23
441489			1.93	0.003	0.25	0.51	0.7	10	0.13	0.03	6.93	0.21	5.17	9.6	4	0.15
441490			2.89	<0.001	0.01	0.08	0.9	10	0.14	0.02	6.06	0.14	6.88	2.7	5	0.05
441491			0.17	0.001	0.01	0.03	0.6	60	0.05	0.03	19.85	0.07	1.26	0.6	<1	0.79
441492			3.07	<0.001	<0.01	0.04	1.6	<10	0.17	0.02	5.27	0.04	6.05	3.9	8	0.05
441493			2.86	0.001	0.01	0.14	0.9	<10	0.17	0.02	5.03	0.10	5.34	2.5	8	0.05
441494			3.70	<0.001	<0.01	0.17	1.1	10	0.15	0.01	6.10	0.16	6.16	2.3	5	0.10
441495			3.23	<0.001	<0.01	0.04	1.1	10	0.24	0.01	9.51	0.08	6.41	2.5	3	0.06
441496		16.20	0.10	>10.0	0.87	7.75	68.5	310	2.50	13.95	2.46	0.65	25.6	21.4	70	2.12
441497			2.99	0.001	0.01	0.07	1.2	10	0.13	0.02	4.80	0.10	5.53	2.6	4	0.13
441498			3.72	<0.001	<0.01	0.04	0.6	10	0.19	0.01	7.92	0.08	5.97	1.7	3	0.08
441499			3.24	<0.001	<0.01	0.02	0.9	<10	0.22	0.01	8.41	0.10	6.39	2.2	3	0.06
441500			1.84	0.016	0.04	0.09	0.7	10	0.22	0.02	3.29	0.10	7.00	4.1	4	0.13

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QUEBEC QC G1K 7R1

Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167982

Description échantillon	Méthode élément unités L.D.	ME- MS61 Cu ppm 0.2	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1
441481		11.1	11.70	1.20	0.07	0.1	0.016	0.009	0.04	2.5	2.4	2.25	4760	0.10	<0.01	0.4
441482		12.2	12.35	1.28	0.07	0.1	0.020	0.009	0.04	2.7	2.4	2.37	4940	0.12	0.01	0.4
441483		7.8	17.80	0.80	0.08	0.1	0.027	0.006	0.01	5.4	1.3	3.64	7290	0.08	<0.01	0.6
441484		11.1	13.85	0.74	0.07	0.1	0.017	0.019	<0.01	3.5	1.0	1.81	6340	0.14	<0.01	0.3
441485		26.7	11.70	0.57	0.07	0.1	0.034	0.015	0.02	5.0	1.3	2.51	4660	0.23	<0.01	0.4
441486		10.5	13.40	2.59	0.07	0.1	0.024	0.023	0.20	3.2	3.2	3.70	5960	0.31	0.01	0.6
441487		115.5	5.36	25.1	0.13	1.6	0.020	0.180	4.46	14.1	2.2	1.57	415	1.46	3.30	14.1
441488		34.3	17.10	3.35	0.10	0.1	0.046	0.026	0.09	3.3	4.8	4.62	6210	0.54	0.01	0.3
441489		105.5	21.5	2.01	0.09	<0.1	0.117	0.019	0.08	3.1	2.8	3.28	4560	0.46	<0.01	0.2
441490		3.8	17.50	0.37	0.07	<0.1	0.027	0.010	0.02	4.4	1.0	4.16	5530	2.14	<0.01	0.3
441491		1.3	0.16	0.14	0.17	<0.1	0.008	<0.005	0.02	0.7	7.9	13.30	363	0.06	0.01	0.1
441492		1.6	17.80	0.32	0.09	<0.1	0.022	0.008	0.01	3.8	0.9	4.29	4640	0.69	<0.01	0.8
441493		4.1	16.45	0.61	0.08	<0.1	0.022	0.008	0.01	3.4	2.4	3.75	4610	0.47	<0.01	0.4
441494		1.8	16.60	0.68	0.08	<0.1	0.028	0.011	0.03	4.0	3.1	3.89	5050	0.31	<0.01	0.2
441495		0.6	18.20	0.25	0.08	<0.1	0.028	<0.005	0.01	4.2	0.9	5.29	5250	0.25	<0.01	0.3
441496		228	6.09	23.3	0.11	1.8	0.075	0.411	4.16	12.4	2.1	1.82	462	1.40	2.90	15.7
441497		5.6	18.65	0.37	0.09	<0.1	0.023	<0.005	0.02	3.7	0.9	3.41	4860	0.11	<0.01	0.3
441498		1.5	14.85	0.26	0.08	<0.1	0.023	<0.005	0.01	3.8	0.8	4.20	3800	0.13	<0.01	0.3
441499		1.3	18.60	0.21	0.08	<0.1	0.033	0.007	0.01	4.2	0.7	5.18	4990	0.13	<0.01	0.3
441500		9.9	22.8	0.47	0.10	<0.1	0.034	0.009	0.02	4.7	0.8	3.25	7830	0.14	<0.01	0.6

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CERTIFICAT D'ANALYSE VO17167982

Description échantillon	Méthode élément unités L.D.	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005
441481		1.8	100	1.4	1.3	<0.002	0.26	0.15	0.4	<1	<0.2	49.3	<0.05	<0.05	0.09	<0.005
441482		1.8	100	1.3	1.3	<0.002	0.27	0.17	0.4	<1	<0.2	50.8	<0.05	<0.05	0.09	<0.005
441483		2.2	250	1.7	0.5	<0.002	0.16	0.15	0.3	<1	<0.2	65.2	<0.05	<0.05	0.18	0.006
441484		1.6	120	0.9	0.1	<0.002	0.38	0.15	0.4	<1	<0.2	27.5	<0.05	0.08	0.11	<0.005
441485		5.7	160	1.8	0.7	<0.002	1.34	0.31	0.3	1	<0.2	63.4	<0.05	0.09	0.14	<0.005
441486		2.1	40	2.7	5.5	<0.002	0.19	0.15	2.1	<1	0.5	100.5	<0.05	<0.05	0.10	0.006
441487		63.6	850	183.0	480	0.003	3.26	2.19	4.8	3	1.3	234	0.92	0.81	1.38	0.456
441488		3.4	30	2.8	2.7	<0.002	0.70	0.21	3.1	<1	0.5	120.0	<0.05	0.05	0.05	0.005
441489		17.5	20	2.1	2.3	<0.002	5.06	0.15	1.3	3	0.4	77.9	<0.05	0.26	0.05	<0.005
441490		1.6	30	1.2	0.5	<0.002	0.09	0.12	0.4	<1	0.4	46.7	<0.05	<0.05	0.06	<0.005
441491		0.3	30	2.6	1.0	<0.002	<0.01	0.11	0.1	<1	<0.2	156.0	<0.05	<0.05	0.10	<0.005
441492		2.3	50	1.1	0.5	<0.002	0.03	0.11	0.1	<1	0.8	32.8	<0.05	<0.05	0.05	<0.005
441493		1.9	30	1.1	0.4	<0.002	0.08	0.12	0.2	<1	0.3	41.5	<0.05	<0.05	0.04	<0.005
441494		2.1	40	1.4	1.0	<0.002	0.04	0.16	0.2	<1	0.4	59.9	<0.05	<0.05	0.04	<0.005
441495		1.6	40	1.7	0.3	<0.002	<0.01	0.13	0.1	<1	1.1	60.5	<0.05	<0.05	0.03	<0.005
441496		76.7	1020	63.3	296	0.005	3.50	1.45	5.7	1	1.9	335	1.12	2.49	1.72	0.544
441497		2.2	30	1.3	0.6	<0.002	0.08	0.15	0.1	<1	0.3	36.1	<0.05	<0.05	0.05	<0.005
441498		1.6	40	1.5	0.4	<0.002	<0.01	0.11	0.1	<1	0.3	53.7	<0.05	<0.05	0.04	<0.005
441499		1.2	40	1.7	0.3	<0.002	0.01	0.12	0.2	<1	0.2	55.9	<0.05	<0.05	0.04	<0.005
441500		2.9	160	0.9	0.7	<0.002	0.39	0.13	0.3	1	<0.2	21.7	<0.05	<0.05	0.07	<0.005

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167982

Description échantillon	Méthode élément unités L.D.	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441481		0.02	<0.1	17	0.1	3.3	21	3.0
441482		0.03	0.1	18	0.1	3.4	24	2.6
441483		<0.02	0.1	10	0.1	5.6	19	4.2
441484		<0.02	0.1	8	0.1	3.0	28	3.0
441485		<0.02	0.2	10	0.1	5.1	322	2.8
441486		0.09	0.1	39	0.2	7.0	41	4.1
441487		1.82	0.9	57	0.4	6.8	338	71.4
441488		0.05	0.1	44	0.1	5.8	67	4.0
441489		0.04	0.1	27	0.1	5.1	61	1.8
441490		<0.02	<0.1	8	<0.1	4.4	26	2.1
441491		0.11	0.2	2	0.3	0.9	15	0.8
441492		<0.02	<0.1	9	0.1	4.3	11	3.0
441493		<0.02	<0.1	9	0.1	3.8	24	2.1
441494		0.02	<0.1	11	0.1	4.7	35	2.1
441495		<0.02	0.1	7	0.1	6.5	17	1.8
441496		1.25	1.2	72	0.6	7.6	67	79.3
441497		0.02	0.1	6	0.1	4.9	20	1.7
441498		<0.02	0.1	5	0.1	7.7	14	1.4
441499		<0.02	0.1	5	0.1	7.7	20	1.6
441500		0.02	0.1	8	0.1	5.0	22	2.1

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CERTIFICAT D'ANALYSE VO17167982

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU- 31	CRU- QC	LOG- 21	LOG- 21d
	LOG- 23	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au- GRA21	Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
28- AOUT- 2017
Compte: MINVIR

CERTIFICAT VO17167984

Projet: KAN

Bon de commande #: KAN- 007

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 11- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17167984

Description échantillon	Méthode élément unités L.D.	Au- GRA21 Au ppm 0.05	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05
441521			1.69	0.031	<0.01	0.12	12.5	10	0.13	0.01	5.40	0.08	4.93	3.3	7	0.91
441522			<0.02	0.599	<0.01	0.12	13.0	10	0.25	<0.01	5.09	0.08	4.77	3.1	6	0.91
441523			2.14	0.003	0.01	0.13	0.5	10	0.20	0.01	7.38	0.11	9.51	2.6	3	0.85
441524			3.67	0.187	<0.01	0.15	4.2	10	0.30	0.01	6.73	0.09	7.38	3.4	5	0.36
441525			1.87	1.540	0.01	0.18	1.3	20	0.26	<0.01	6.14	0.09	7.72	3.4	8	0.52
441526			2.93	0.242	0.01	0.17	0.4	10	0.26	0.01	3.72	0.19	7.20	3.4	8	0.18
441527			0.09	8.33	1.59	7.87	100.0	200	3.66	3.59	2.00	4.51	27.4	17.0	57	2.61
441528			2.68	0.775	<0.01	0.33	1.2	20	0.37	0.02	7.57	0.22	9.11	5.4	11	0.19
441529			1.33	0.006	<0.01	0.23	77.5	10	0.30	0.01	7.55	0.12	8.34	4.4	5	0.15
441530			2.87	0.579	0.06	0.25	3.5	10	0.27	0.01	5.24	0.15	11.20	4.9	8	0.36
441531			0.27	0.003	0.01	0.07	1.8	150	0.06	0.01	18.35	0.21	1.57	0.6	1	0.41
441532			3.12	0.010	<0.01	0.17	13.4	10	0.17	<0.01	4.26	0.09	11.30	3.3	8	0.05
441533			3.72	0.035	0.07	0.32	1.0	20	0.29	0.02	3.34	0.13	10.15	8.6	8	1.21
441534			5.45	0.184	0.01	0.17	11.8	10	0.22	<0.01	2.48	0.07	6.26	3.9	5	0.58
441535			3.34	0.323	0.02	0.20	0.9	10	0.26	0.02	2.91	0.18	4.36	4.1	7	0.54
441536		16.55	0.08	>10.0	0.93	8.05	68.2	330	2.90	18.70	2.54	0.73	28.0	21.3	74	2.12
441537			6.21	0.109	0.01	0.06	9.7	10	0.27	0.03	1.47	0.04	4.42	4.1	4	0.28
441538			1.68	0.006	<0.01	0.07	1.8	10	0.26	<0.01	1.36	0.03	4.20	3.2	2	0.50
441539			1.58	0.286	<0.01	0.13	0.3	20	0.18	<0.01	1.42	0.08	3.48	2.3	4	0.35
441540			3.36	0.298	<0.01	0.08	15.4	10	0.20	<0.01	2.06	0.06	3.20	2.1	6	0.43

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
28- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167984

Description échantillon	Méthode élément unités L.D.	ME- MS61 Cu ppm 0.2	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1
441521		2.1	11.75	0.47	<0.05	0.1	0.014	<0.005	0.03	2.9	1.2	2.38	3830	0.20	<0.01	0.9
441522		1.9	11.25	0.45	<0.05	0.1	0.015	<0.005	0.03	2.8	5.1	2.27	3660	0.21	<0.01	1.0
441523		2.5	16.55	0.47	<0.05	0.1	0.021	<0.005	0.03	5.6	1.3	3.07	5870	0.14	<0.01	0.8
441524		1.4	22.7	0.50	<0.05	0.1	0.034	0.006	0.02	4.3	3.0	3.64	7240	0.23	<0.01	1.1
441525		1.4	22.2	0.63	<0.05	0.1	0.029	0.005	0.04	4.6	1.8	3.17	7320	0.28	<0.01	1.1
441526		2.3	21.8	0.59	<0.05	0.1	0.031	0.006	0.02	4.3	1.8	2.25	7630	0.24	<0.01	0.9
441527		119.5	5.51	24.2	0.10	1.6	0.015	0.176	4.58	13.3	2.5	1.58	440	1.47	3.41	13.7
441528		6.4	26.4	1.13	<0.05	0.3	0.037	0.008	0.02	5.3	2.9	3.83	9100	0.43	<0.01	2.2
441529		2.8	24.5	0.82	<0.05	0.2	0.033	0.008	0.01	5.1	2.3	3.38	8480	0.21	<0.01	2.1
441530		9.4	21.7	0.90	<0.05	0.1	0.032	0.007	0.03	6.9	1.9	3.00	7070	0.46	<0.01	1.2
441531		1.4	0.57	0.25	0.12	0.1	0.007	<0.005	0.03	0.8	12.7	12.85	463	0.07	0.03	0.2
441532		2.2	19.55	0.67	<0.05	0.1	0.021	0.005	0.01	6.9	1.4	2.62	6660	0.38	<0.01	0.8
441533		28.7	25.3	1.24	<0.05	0.2	0.034	0.008	0.06	6.0	2.1	3.00	6920	0.51	<0.01	1.5
441534		3.4	22.8	0.62	<0.05	0.1	0.025	<0.005	0.02	3.8	1.1	2.93	7760	0.16	<0.01	0.9
441535		8.4	19.70	0.70	<0.05	<0.1	0.031	0.007	0.02	2.5	1.8	2.33	6330	0.07	<0.01	0.4
441536		260	6.34	22.8	0.11	1.8	0.081	0.390	4.33	13.0	3.4	1.89	493	1.31	3.01	15.4
441537		1.2	24.5	0.30	<0.05	<0.1	0.022	<0.005	0.02	3.0	0.8	3.02	6860	0.06	<0.01	0.4
441538		0.7	25.3	0.32	<0.05	<0.1	0.109	<0.005	0.01	2.7	0.9	2.86	6490	<0.05	<0.01	0.4
441539		3.1	16.95	0.50	<0.05	<0.1	0.022	<0.005	0.02	2.2	1.3	1.41	5450	0.06	<0.01	0.3
441540		1.4	12.70	0.31	<0.05	<0.1	0.017	<0.005	0.02	2.0	1.1	1.58	4210	0.05	<0.01	0.3

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Projet: KAN

CERTIFICAT D'ANALYSE VO17167984

Description échantillon	Méthode élément unités L.D.	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005
441521		1.9	150	2.0	1.1	<0.002	0.14	0.19	0.3	1	<0.2	67.7	<0.05	<0.05	0.12	0.009
441522		1.8	150	1.8	1.4	<0.002	0.14	0.17	0.2	1	<0.2	64.6	0.06	<0.05	0.12	0.008
441523		1.3	380	2.2	1.2	<0.002	0.13	0.12	0.3	1	<0.2	88.8	0.05	<0.05	0.14	0.007
441524		1.8	200	2.0	1.1	<0.002	0.07	0.11	0.3	1	<0.2	83.0	0.07	<0.05	0.16	0.008
441525		2.0	230	1.9	1.5	<0.002	0.06	0.12	0.4	<1	<0.2	71.4	0.06	<0.05	0.17	0.010
441526		1.7	220	1.8	0.7	<0.002	0.18	0.13	0.4	1	<0.2	49.6	0.05	<0.05	0.17	0.008
441527		62.3	880	186.5	449	0.002	3.34	1.98	4.9	3	1.2	242	0.90	0.85	1.36	0.465
441528		3.8	170	2.9	0.9	<0.002	0.36	0.15	0.6	1	<0.2	111.0	0.15	<0.05	0.34	0.021
441529		2.2	130	2.3	0.4	<0.002	0.08	0.19	0.5	<1	<0.2	79.7	0.15	<0.05	0.31	0.015
441530		3.8	550	2.2	0.9	<0.002	0.76	0.12	0.4	1	<0.2	66.8	0.07	0.05	0.22	0.010
441531		0.5	40	3.5	1.1	<0.002	0.01	0.16	0.1	1	<0.2	176.5	<0.05	<0.05	0.12	0.005
441532		2.2	630	1.4	0.2	<0.002	0.15	0.09	0.3	1	<0.2	49.8	0.05	<0.05	0.16	0.007
441533		6.9	400	2.0	2.3	<0.002	2.68	0.12	0.5	2	<0.2	51.4	0.11	0.14	0.29	0.015
441534		2.1	170	1.5	0.7	<0.002	0.32	0.09	0.3	1	<0.2	33.3	0.05	<0.05	0.13	0.007
441535		2.7	110	2.2	1.1	<0.002	0.98	0.13	0.2	1	<0.2	65.6	<0.05	<0.05	0.04	<0.005
441536		78.1	1080	66.6	303	0.006	3.63	1.45	6.2	1	1.9	349	1.10	3.51	1.80	0.577
441537		1.6	140	0.8	0.8	<0.002	0.05	0.16	0.1	<1	<0.2	19.6	<0.05	<0.05	0.04	<0.005
441538		1.0	120	0.6	0.5	<0.002	0.03	0.07	0.1	<1	<0.2	16.3	<0.05	<0.05	0.05	<0.005
441539		0.8	60	0.8	0.8	<0.002	0.20	0.10	0.1	<1	<0.2	26.5	<0.05	<0.05	0.04	<0.005
441540		0.8	90	0.9	0.7	<0.002	0.09	0.12	0.1	<1	<0.2	27.8	<0.05	<0.05	0.04	<0.005

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CERTIFICAT D'ANALYSE VO17167984

Description échantillon	Méthode élément unités L.D.	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441521		0.02	0.1	8	0.2	4.0	9	2.7
441522		0.02	0.1	8	0.1	3.8	9	2.5
441523		0.03	0.1	10	0.1	6.4	13	3.9
441524		0.03	0.2	12	0.1	6.3	13	4.0
441525		0.04	0.2	14	0.1	6.4	12	4.7
441526		0.02	0.2	13	0.1	6.5	25	4.9
441527		1.81	0.9	59	0.4	6.7	356	71.1
441528		0.02	0.4	23	0.2	9.3	30	13.1
441529		0.02	0.3	19	0.2	7.2	23	11.9
441530		0.02	0.3	20	0.1	7.0	24	6.6
441531		0.06	0.3	2	0.1	1.0	58	2.8
441532		<0.02	0.2	16	0.1	6.0	19	4.5
441533		0.05	0.3	20	0.2	6.0	23	9.3
441534		<0.02	0.1	12	0.1	4.2	13	3.6
441535		0.03	<0.1	9	0.1	5.1	24	1.5
441536		1.30	1.3	76	0.5	7.9	73	84.0
441537		<0.02	<0.1	4	0.1	3.7	8	1.8
441538		<0.02	0.1	5	0.1	3.9	6	2.1
441539		0.02	<0.1	6	0.1	3.1	15	1.4
441540		<0.02	<0.1	5	0.1	2.8	11	1.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
28- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167984

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
	CRU- 31	CRU- QC	LOG- 21	LOG- 21d
	LOG- 23	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:				
	Au- GRA21	Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date:
27- AOUT- 2017
Compte: MINVIR

CERTIFICAT VO17167989

Projet: KAN

Bon de commande #: KAN- 011

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 11- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

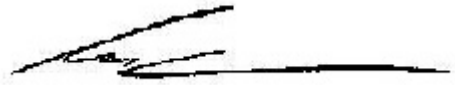
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167989

Description échantillon	Méthode élément unités L.D.	Au- GRA21 Au ppm 0.05	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05
441601			2.95	0.001	0.07	0.35	97.9	20	0.17	0.07	0.96	0.07	7.79	8.5	25	3.22
441602			<0.02	0.001	0.07	0.29	91.1	20	0.17	0.07	0.96	0.06	6.31	8.1	17	2.60
441603			3.27	<0.001	0.02	0.73	10.7	30	0.65	0.02	1.44	0.07	13.65	6.6	27	6.49
441604			2.48	0.028	0.04	1.19	103.0	30	0.66	0.04	1.95	0.07	19.15	9.4	36	6.34
441605			3.25	<0.001	0.03	0.89	21.8	30	0.67	0.04	3.27	0.08	15.40	8.8	51	6.32
441606			2.17	<0.001	0.03	0.35	7.2	10	0.51	0.04	6.98	0.08	14.45	5.0	16	2.55
441607			0.07	8.53	1.77	7.98	98.2	200	3.88	3.57	2.05	4.36	28.4	17.9	58	2.66
441608			3.51	0.002	0.01	0.27	5.2	10	0.48	0.02	5.14	0.06	12.35	5.0	11	1.76
441609			2.77	<0.001	0.01	0.31	12.6	10	0.40	0.02	3.28	0.04	12.10	5.5	14	2.76
441610			1.71	<0.001	0.01	0.76	5.8	10	0.43	0.03	4.90	0.06	10.35	5.8	25	1.96
441611			0.20	<0.001	0.01	0.05	1.2	140	0.11	0.04	19.50	0.07	0.97	0.5	2	0.38
441612			3.22	0.192	0.04	0.30	2.4	10	0.22	0.02	3.36	0.09	8.24	3.4	20	0.37
441613			1.83	0.004	0.01	0.20	15.0	10	0.24	0.02	6.09	0.06	11.75	3.0	16	0.52
441614			4.00	0.005	0.01	0.31	3.0	20	0.35	0.02	3.02	0.08	15.90	5.3	12	1.24
441615			3.01	0.005	0.02	0.24	0.4	20	0.23	0.01	9.79	0.18	7.55	2.5	5	0.31
441616		17.45	0.09	>10.0	1.02	8.28	70.9	330	2.68	23.7	2.60	0.70	27.4	23.1	74	2.13
441617			3.53	0.002	0.01	0.04	1.4	<10	0.16	0.02	5.08	0.05	5.95	1.6	9	0.09
441618			3.96	<0.001	0.01	0.09	0.4	10	0.13	0.01	3.04	0.06	5.13	1.7	11	0.10
441619			3.58	<0.001	0.01	0.04	1.3	<10	0.21	0.01	1.96	0.03	4.88	1.8	11	0.06
441620			2.97	0.064	0.05	0.07	14.8	10	0.16	0.02	1.95	0.10	4.69	4.2	7	0.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167989

Description échantillon	Méthode élément unités L.D.	ME- MS61 Cu ppm 0.2	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1
441601		60.1	14.50	1.43	<0.05	0.3	0.043	0.072	0.15	4.1	1.8	2.02	5950	1.23	0.01	2.4
441602		55.9	12.70	1.17	<0.05	0.2	0.037	0.066	0.12	3.3	1.4	1.77	5110	1.11	0.01	2.0
441603		13.6	17.30	2.89	<0.05	0.5	0.040	0.042	0.30	6.6	2.5	2.77	7500	0.70	0.02	4.4
441604		20.6	21.7	4.86	<0.05	0.7	0.070	0.040	0.27	9.5	3.1	3.25	9940	0.89	0.02	6.8
441605		15.5	20.2	3.79	0.05	0.7	0.058	0.019	0.22	7.2	2.0	2.89	8460	0.85	0.03	6.1
441606		10.2	14.50	1.37	0.06	0.2	0.035	0.019	0.09	7.6	1.1	2.50	8060	0.83	0.02	2.1
441607		120.0	5.56	25.2	0.12	1.6	0.021	0.199	4.57	15.4	2.3	1.63	433	1.53	3.43	13.8
441608		3.7	18.30	0.96	0.06	0.2	0.032	0.015	0.07	6.7	0.7	2.17	10650	0.70	0.01	2.8
441609		3.8	18.50	1.08	0.05	0.2	0.037	0.014	0.08	6.3	0.6	1.98	9700	0.62	<0.01	2.9
441610		6.8	18.50	3.20	<0.05	0.2	0.041	0.016	0.06	5.8	1.4	2.36	9230	0.92	<0.01	3.0
441611		0.9	0.19	0.19	0.16	<0.1	0.020	0.009	0.02	0.6	10.6	13.10	388	0.07	0.03	0.1
441612		14.5	16.25	1.18	<0.05	0.2	0.034	0.021	0.03	4.9	1.9	2.00	8080	0.45	<0.01	1.2
441613		5.3	16.40	0.75	<0.05	0.1	0.026	0.014	0.03	6.7	6.4	2.67	8010	0.34	0.01	1.3
441614		9.0	23.6	1.14	<0.05	0.2	0.028	0.018	0.05	9.6	1.6	2.82	10600	0.39	<0.01	2.2
441615		14.0	14.70	0.86	<0.05	<0.1	0.031	0.025	0.04	4.4	1.9	3.98	6250	0.09	<0.01	0.4
441616		282	6.48	23.6	0.07	1.8	0.090	0.430	4.40	14.0	2.6	1.95	491	1.30	3.09	15.9
441617		1.7	13.55	0.27	<0.05	<0.1	0.028	0.008	0.01	4.0	1.0	3.21	3870	0.19	0.01	0.3
441618		2.0	12.30	0.45	<0.05	<0.1	0.018	0.011	0.01	3.6	1.6	2.23	3650	0.15	<0.01	0.1
441619		1.5	15.60	0.34	<0.05	<0.1	0.023	0.008	<0.01	3.4	0.8	1.65	4560	0.19	<0.01	0.2
441620		23.8	19.00	0.32	<0.05	<0.1	0.028	0.018	0.02	3.2	1.0	1.97	5900	0.16	<0.01	0.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167989

Description échantillon	Méthode élément unités L.D.	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005
441601		7.5	310	1.8	5.3	<0.002	1.19	0.42	1.0	1	0.2	21.4	0.14	0.15	0.44	0.040
441602		7.2	280	1.8	4.2	<0.002	1.19	0.33	0.7	1	0.2	21.0	0.11	0.13	0.35	0.032
441603		11.2	410	1.4	11.2	<0.002	0.23	0.44	1.9	1	0.4	32.8	0.27	0.05	0.79	0.075
441604		18.3	540	2.2	10.6	<0.002	0.46	0.65	3.2	1	0.5	38.1	0.38	0.17	1.29	0.117
441605		14.7	520	2.5	8.1	<0.002	0.26	0.56	2.4	1	0.3	51.8	0.33	0.07	1.06	0.094
441606		8.5	510	6.0	3.2	<0.002	0.15	0.42	1.1	1	0.2	86.5	0.11	<0.05	0.44	0.034
441607		66.4	890	188.5	480	0.003	3.29	1.95	5.1	3	1.2	245	0.89	0.88	1.57	0.457
441608		5.9	350	2.5	2.2	<0.002	0.06	0.24	0.7	<1	<0.2	55.9	0.13	<0.05	0.51	0.035
441609		5.3	430	1.9	3.4	<0.002	0.07	0.26	0.9	1	<0.2	36.4	0.11	<0.05	0.59	0.028
441610		7.1	430	3.1	2.4	<0.002	0.12	0.27	1.6	1	<0.2	59.6	0.13	0.05	0.60	0.046
441611		0.4	30	4.9	0.8	<0.002	<0.01	0.15	0.1	1	0.2	140.5	<0.05	<0.05	0.09	<0.005
441612		3.4	310	2.1	1.3	<0.002	0.22	0.13	0.6	<1	<0.2	39.6	0.07	0.06	0.36	0.017
441613		3.1	350	2.2	1.6	<0.002	0.11	0.15	0.5	<1	<0.2	63.2	0.07	<0.05	0.30	0.015
441614		4.8	560	1.7	2.5	<0.002	0.16	0.14	0.8	1	<0.2	40.4	0.09	<0.05	0.41	0.025
441615		1.0	50	2.9	1.0	<0.002	0.27	0.13	0.7	1	<0.2	124.5	<0.05	<0.05	0.05	<0.005
441616		81.2	1070	68.6	321	0.005	3.56	1.81	6.2	1	1.7	360	1.09	2.62	1.76	0.571
441617		1.2	80	1.5	0.9	<0.002	0.05	0.10	0.2	<1	<0.2	33.0	<0.05	<0.05	0.03	<0.005
441618		1.1	50	1.2	0.7	<0.002	0.05	0.11	0.1	<1	<0.2	27.3	<0.05	<0.05	0.03	<0.005
441619		0.9	70	0.8	0.2	<0.002	0.04	0.09	0.1	1	<0.2	13.4	<0.05	<0.05	0.03	<0.005
441620		2.0	60	1.2	0.6	<0.002	0.62	0.11	0.5	<1	<0.2	23.3	<0.05	0.06	0.04	<0.005

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167989

Description échantillon	Méthode élément unités L.D.	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441601		0.04	0.4	21	0.1	3.4	25	11.4
441602		0.04	0.3	17	0.1	3.0	22	9.0
441603		0.10	0.7	43	0.2	5.7	35	21.3
441604		0.09	1.3	67	0.3	6.9	43	34.2
441605		0.05	1.0	53	0.3	7.5	29	31.0
441606		0.02	0.4	20	0.2	7.2	20	9.9
441607		1.84	1.0	59	0.5	6.7	345	71.3
441608		<0.02	0.3	16	0.2	6.4	17	9.6
441609		<0.02	0.4	19	0.1	5.8	13	8.4
441610		<0.02	0.7	51	0.2	7.0	20	10.6
441611		0.05	0.3	3	0.2	0.8	19	1.1
441612		0.02	0.3	20	0.1	5.1	20	7.6
441613		0.03	0.2	16	0.1	5.9	18	5.4
441614		0.05	0.3	26	0.1	6.4	17	8.3
441615		0.02	<0.1	14	0.1	6.9	20	1.6
441616		1.30	1.3	77	0.5	7.5	69	80.6
441617		<0.02	0.1	5	0.1	4.7	11	1.2
441618		<0.02	<0.1	7	<0.1	3.3	18	0.8
441619		<0.02	0.1	5	<0.1	3.6	12	0.8
441620		<0.02	0.1	6	<0.1	3.1	26	1.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167989

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 21d	
LOG- 23	PUL- 31	PUL- 31d	PUL- QC	
SPL- 21	SPL- 21d	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:			
Au- GRA21	Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
29- AOUT- 2017
Compte: MINVIR

CERTIFICAT VO17167992

Projet: KAN

Bon de commande #: KAN- 012

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 11- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

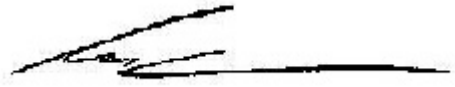
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167992

Description échantillon	Méthode élément unités L.D.	Au- GRA21 Au ppm 0.05	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05
441621			4.21	0.011	0.10	0.28	2.3	<10	0.27	0.10	7.36	0.14	8.43	5.1	5	0.12
441622			<0.02	0.010	0.06	0.26	2.8	<10	0.30	0.09	7.16	0.13	8.03	4.7	5	0.12
441623			3.64	0.015	0.09	0.08	42.8	<10	0.13	0.11	1.35	0.06	3.89	7.5	7	<0.05
441624			4.11	<0.001	0.02	0.21	0.6	<10	0.14	0.05	6.90	0.27	4.70	1.6	25	0.08
441625			2.64	<0.001	0.01	0.16	3.1	<10	1.73	0.05	10.15	0.02	7.91	2.8	7	0.44
441626			4.38	<0.001	<0.01	0.05	0.3	<10	0.23	0.04	2.57	<0.02	4.43	1.0	10	0.15
441627			0.08	8.26	1.72	8.15	109.0	190	3.71	3.84	2.06	4.25	26.1	18.4	60	2.59
441628			4.34	0.001	0.01	0.20	2.9	<10	0.57	0.05	11.35	0.02	7.19	3.6	5	0.63
441629			2.00	<0.001	0.01	0.13	2.3	<10	0.42	0.04	7.45	<0.02	5.53	2.4	5	0.72
441630			4.81	<0.001	<0.01	0.13	1.4	<10	0.59	0.06	9.91	<0.02	9.18	2.6	5	0.74
441631			0.14	<0.001	0.01	0.03	0.7	60	<0.05	0.04	18.60	0.03	1.09	0.4	1	0.42
441632			3.82	<0.001	0.01	0.10	5.8	<10	0.24	0.03	4.62	0.03	6.49	1.9	6	1.15
441633			4.46	<0.001	0.01	0.09	1.6	<10	0.39	0.04	4.78	0.02	9.16	2.1	8	1.08
441634			4.52	<0.001	0.01	0.11	3.8	<10	0.37	0.03	7.26	0.02	7.12	2.5	18	0.85
441635			2.02	<0.001	0.01	0.07	0.3	<10	0.26	0.02	3.73	<0.02	5.28	1.8	4	0.28
441636		17.90	0.12	>10.0	0.95	7.81	73.8	300	2.88	17.05	2.42	0.67	24.5	23.4	73	2.06
441637			2.92	0.002	0.02	0.29	0.7	<10	0.58	0.04	8.88	0.03	9.74	4.5	7	0.34
441638			2.83	0.004	0.02	0.29	21.0	<10	0.78	0.04	7.87	0.02	9.49	5.7	7	0.96
441639			3.71	0.001	0.01	0.18	0.4	<10	0.43	0.02	5.73	<0.02	7.39	3.0	7	0.21
441640			2.38	<0.001	<0.01	0.06	0.5	<10	0.41	0.01	4.45	0.02	6.03	1.9	6	0.56

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167992

Description échantillon	Méthode élément unités L.D.	ME- MS61 Cu ppm 0.2	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1
441621		45.2	16.75	1.22	0.08	0.1	0.037	0.011	0.02	5.3	2.5	3.40	7080	0.19	0.01	0.6
441622		41.0	16.15	1.08	0.08	0.1	0.037	0.011	0.02	5.1	2.3	3.32	6950	0.15	<0.01	0.5
441623		53.5	15.90	0.53	0.07	<0.1	0.052	0.007	0.01	2.6	0.8	1.18	5410	0.72	<0.01	0.5
441624		10.2	7.42	0.84	0.05	<0.1	0.020	0.009	0.04	2.5	2.2	2.28	3420	0.29	<0.01	0.1
441625		2.3	17.00	0.94	0.07	0.1	0.017	<0.005	0.01	4.9	1.0	4.12	5930	0.45	<0.01	1.1
441626		1.1	8.23	0.38	0.06	<0.1	<0.005	<0.005	<0.01	2.9	1.1	1.14	3210	0.14	<0.01	0.5
441627		125.0	5.58	27.2	0.09	1.7	0.014	0.179	4.63	13.2	2.5	1.60	432	1.52	3.46	15.1
441628		3.3	17.85	1.04	0.07	0.1	0.042	0.005	0.02	4.3	1.1	4.74	6060	0.51	0.01	1.4
441629		2.1	14.15	0.73	0.06	0.1	0.023	<0.005	0.02	3.4	0.8	2.90	4990	0.30	<0.01	0.9
441630		1.5	16.75	0.74	0.07	0.1	0.019	<0.005	0.02	5.6	1.0	4.00	6090	0.34	<0.01	0.8
441631		1.5	0.47	0.14	0.07	<0.1	0.008	<0.005	0.02	0.6	9.1	12.65	441	0.12	0.01	0.1
441632		2.0	11.45	0.54	0.07	0.1	0.011	<0.005	0.03	4.1	0.8	1.94	4000	0.26	<0.01	0.7
441633		2.1	11.70	0.54	0.08	0.1	0.012	<0.005	0.02	5.9	0.6	2.06	4030	0.25	<0.01	0.7
441634		2.1	16.55	0.68	0.07	0.1	0.013	<0.005	0.02	4.0	1.0	3.39	5590	0.30	<0.01	1.0
441635		1.0	10.40	0.49	0.06	0.1	0.009	<0.005	0.01	3.3	0.5	1.59	3490	0.18	<0.01	0.8
441636		240	6.12	25.2	0.10	2.0	0.079	0.370	4.21	11.9	2.8	1.80	469	1.42	2.93	16.7
441637		3.8	17.05	1.85	0.08	0.2	0.023	0.005	0.01	6.0	1.2	3.80	5570	0.62	0.01	1.9
441638		5.5	20.5	1.75	0.08	0.2	0.029	0.006	0.02	5.7	0.9	3.95	6790	0.39	<0.01	2.8
441639		2.1	15.70	0.96	0.06	0.1	0.017	<0.005	<0.01	4.3	0.8	2.58	5360	0.26	<0.01	1.7
441640		1.0	10.85	0.37	0.05	0.1	0.009	<0.005	0.01	3.3	0.6	1.95	3810	0.16	<0.01	0.8

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167992

Description échantillon	Méthode élément unités L.D.	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005
441621		2.9	160	2.3	1.0	<0.002	1.29	0.17	1.0	2	<0.2	102.5	<0.05	0.13	0.12	0.006
441622		2.7	170	2.1	1.0	<0.002	1.19	0.16	1.0	2	<0.2	98.3	<0.05	0.07	0.10	0.005
441623		4.2	170	1.3	0.5	<0.002	1.55	0.20	0.5	1	<0.2	11.8	<0.05	0.12	0.06	<0.005
441624		1.4	10	2.1	1.2	<0.002	0.29	0.14	1.4	1	0.2	109.5	<0.05	<0.05	0.02	<0.005
441625		3.4	190	1.3	0.5	<0.002	0.08	0.14	0.5	1	<0.2	42.4	0.06	<0.05	0.16	0.010
441626		1.1	160	<0.5	0.3	<0.002	0.03	0.11	0.2	<1	<0.2	9.8	<0.05	<0.05	0.06	<0.005
441627		67.1	910	183.0	447	0.003	3.29	2.65	5.2	3	1.3	255	0.98	0.81	1.55	0.471
441628		4.5	140	2.0	0.8	<0.002	0.10	0.15	0.5	1	<0.2	53.3	0.07	<0.05	0.20	0.012
441629		3.1	120	1.1	0.8	<0.002	0.06	0.13	0.3	<1	<0.2	31.1	0.05	<0.05	0.13	0.007
441630		3.1	250	1.2	0.7	<0.002	0.04	0.13	0.3	1	<0.2	42.9	0.06	<0.05	0.16	0.007
441631		0.4	30	2.3	1.1	<0.002	<0.01	0.12	0.1	1	<0.2	154.0	<0.05	<0.05	0.07	<0.005
441632		2.5	230	0.8	1.0	<0.002	0.05	0.16	0.2	<1	<0.2	22.1	<0.05	<0.05	0.11	0.005
441633		2.7	740	0.8	0.9	<0.002	0.05	0.16	0.2	1	<0.2	27.2	<0.05	<0.05	0.12	0.005
441634		3.2	150	1.1	0.8	<0.002	0.05	0.19	0.3	1	<0.2	36.0	0.06	<0.05	0.15	0.006
441635		1.8	180	0.6	0.3	<0.002	0.03	0.14	0.2	<1	<0.2	16.2	<0.05	<0.05	0.10	<0.005
441636		82.0	1050	61.2	291	0.005	3.42	1.41	6.0	2	1.8	344	1.17	2.17	1.54	0.558
441637		6.2	320	1.7	0.6	<0.002	0.16	0.17	0.6	1	<0.2	43.2	0.09	<0.05	0.30	0.015
441638		6.9	170	1.6	0.8	<0.002	0.25	0.18	0.7	1	<0.2	36.7	0.17	0.06	0.39	0.017
441639		3.1	130	1.2	0.2	<0.002	0.07	0.13	0.4	<1	<0.2	25.0	0.10	<0.05	0.22	0.009
441640		1.5	160	0.8	0.5	<0.002	0.02	0.13	0.2	<1	<0.2	20.9	0.05	<0.05	0.12	<0.005

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QUEBEC QC G1K 7R1

Finalisée date:
29- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167992

Description échantillon	Méthode élément unités L.D.	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441621		0.02	0.1	19	0.1	5.7	17	3.4
441622		0.02	0.1	17	0.1	5.4	16	2.9
441623		<0.02	0.1	7	0.1	2.8	12	2.6
441624		0.02	<0.1	12	<0.1	5.9	19	0.6
441625		<0.02	0.3	16	0.2	10.0	3	4.8
441626		<0.02	0.1	5	0.1	4.4	<2	2.1
441627		1.82	0.9	59	0.6	6.9	355	77.2
441628		<0.02	0.3	19	0.2	10.0	2	5.1
441629		<0.02	0.2	12	0.1	6.3	2	3.8
441630		<0.02	0.2	12	0.2	9.2	<2	3.6
441631		0.04	0.2	3	0.2	0.8	11	0.9
441632		<0.02	0.1	9	0.1	4.8	3	2.7
441633		<0.02	0.2	8	0.1	6.3	3	3.2
441634		<0.02	0.2	11	0.1	6.7	4	3.5
441635		<0.02	0.1	8	0.1	4.7	<2	3.2
441636		1.29	1.1	73	0.6	7.4	69	88.3
441637		<0.02	0.3	27	0.2	8.3	3	7.2
441638		<0.02	0.4	28	0.2	8.4	5	10.5
441639		<0.02	0.2	16	0.5	6.1	3	7.2
441640		<0.02	0.2	6	0.1	5.1	2	5.0

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CERTIFICAT D'ANALYSE VO17167992

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- GRA21	Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date:
27- AOUT- 2017
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CERTIFICAT VO17167993

Projet: KAN

Bon de commande #: KAN- 016

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 11- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

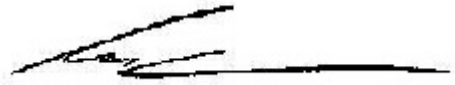
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17167993

Description échantillon	Méthode élément unités L.D.	Au- GRA21 Au ppm 0.05	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05
441701			3.44	<0.001	0.01	0.11	2.9	10	0.36	0.01	1.29	0.06	5.06	2.7	7	0.71
441702			<0.02	<0.001	0.01	0.11	3.5	10	0.32	0.01	1.10	0.06	4.69	2.7	6	0.92
441703			1.56	0.002	0.01	0.10	0.8	<10	0.25	0.01	7.61	0.15	6.14	1.7	5	0.10
441704			4.21	<0.001	0.01	0.43	1.0	10	0.16	0.01	8.71	0.27	9.90	2.9	7	0.14
441705			2.04	<0.001	0.08	2.97	1.1	10	0.31	0.02	9.55	0.38	12.25	6.1	54	0.36
441706			3.74	<0.001	0.04	0.49	1.8	<10	0.21	0.02	10.25	0.33	9.31	6.0	10	0.13
441707			0.09	8.42	1.73	8.29	105.0	210	3.82	3.61	2.13	4.47	28.8	18.5	57	2.71
441708			2.86	0.007	0.12	0.54	3.4	10	0.22	0.05	13.45	0.34	10.10	12.1	12	0.28
441709			2.76	0.002	0.07	4.28	1.6	<10	0.41	0.03	4.92	0.11	10.25	11.1	91	0.35
441710			2.75	<0.001	0.05	3.58	1.4	10	0.37	0.02	6.37	0.20	6.60	8.7	68	0.62
441711			0.16	<0.001	0.01	0.04	0.2	110	<0.05	0.01	20.4	0.05	1.24	0.4	1	0.35
441712			2.57	<0.001	0.02	0.40	1.2	10	0.24	0.02	11.35	0.30	8.27	3.9	8	0.16
441713			1.72	0.001	0.04	1.12	0.9	10	0.24	0.02	6.14	0.19	6.98	6.7	30	0.14
441714			2.80	<0.001	0.03	0.27	1.1	10	0.19	0.02	9.55	0.23	8.65	4.7	8	0.08
441715			2.19	<0.001	0.03	0.23	0.9	10	0.32	0.01	12.35	0.35	10.70	4.1	7	0.12
441716		16.40	0.12	>10.0	1.29	7.82	63.9	300	2.95	16.90	2.44	0.58	26.1	21.1	69	2.02
441717			3.22	0.002	0.01	0.20	1.4	10	0.27	0.02	14.60	0.20	11.80	1.4	6	0.05
441718			3.46	0.001	0.04	0.18	1.4	10	0.33	0.02	14.95	0.23	6.83	4.2	3	0.12
441719			2.32	0.003	0.03	0.24	1.8	10	0.24	0.02	5.24	0.35	8.15	3.9	5	0.26
441720			3.37	0.001	0.05	0.37	0.8	20	0.23	0.02	12.90	0.28	8.60	4.9	8	0.20

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167993

Description échantillon	Méthode élément unités L.D.	ME- MS61 Cu ppm 0.2	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1
441701		1.3	16.35	0.68	<0.05	0.1	0.033	0.009	0.03	3.2	0.6	1.39	6240	0.25	<0.01	0.9
441702		1.3	15.45	0.68	<0.05	0.1	0.028	0.007	0.03	3.0	1.9	1.22	5950	0.24	<0.01	0.8
441703		3.8	13.40	0.41	<0.05	<0.1	0.040	0.012	0.01	4.1	1.2	3.03	6100	0.13	<0.01	0.4
441704		8.4	15.45	1.51	<0.05	0.1	0.040	0.018	0.01	6.0	3.5	3.88	5440	0.20	<0.01	0.6
441705		16.9	18.65	10.25	<0.05	0.5	0.063	0.042	0.03	6.2	14.8	4.36	5470	2.86	0.01	5.6
441706		47.5	13.65	1.65	<0.05	0.1	0.066	0.020	0.02	5.4	3.5	3.86	4860	0.56	0.01	0.9
441707		120.5	5.78	25.2	0.08	1.6	0.019	0.199	4.70	15.3	2.4	1.68	450	1.42	3.55	14.4
441708		82.3	17.60	1.80	<0.05	0.3	0.097	0.024	0.03	5.4	3.3	5.22	5070	0.48	0.01	2.6
441709		39.3	18.70	13.20	<0.05	1.1	0.048	0.035	0.02	5.3	14.0	4.52	3430	2.30	<0.01	3.6
441710		38.5	16.25	11.45	<0.05	0.8	0.056	0.030	0.08	3.7	14.8	4.15	3400	1.04	<0.01	3.1
441711		1.1	0.21	0.15	0.14	<0.1	0.026	<0.005	0.02	0.7	6.5	13.30	368	0.07	0.01	0.1
441712		16.0	15.30	1.35	<0.05	0.1	0.050	0.021	0.05	5.1	3.4	4.57	5560	1.36	0.01	0.7
441713		24.2	10.65	2.47	<0.05	0.2	0.037	0.016	0.05	4.1	4.4	2.42	3520	0.64	0.34	1.1
441714		33.2	14.60	0.92	<0.05	0.1	0.060	0.018	0.01	5.5	2.4	3.34	5020	0.74	<0.01	0.4
441715		19.2	10.30	0.79	<0.05	0.1	0.059	0.012	0.03	6.0	3.1	3.62	4890	0.60	0.01	0.7
441716		218	6.05	22.2	0.06	1.7	0.088	0.392	4.11	13.7	2.8	1.83	454	1.22	2.88	14.8
441717		1.9	9.64	0.65	<0.05	0.1	0.032	0.009	0.01	7.4	2.8	4.85	4260	0.60	0.01	0.4
441718		24.7	13.45	0.69	<0.05	<0.1	0.047	0.012	0.03	4.5	1.9	5.35	4770	0.11	0.01	0.3
441719		20.6	17.55	0.78	<0.05	0.1	0.036	0.012	0.01	5.2	1.0	1.94	7310	0.42	<0.01	0.7
441720		85.0	13.40	1.28	<0.05	0.1	0.054	0.017	0.05	5.6	2.7	4.52	4970	0.19	0.01	0.8

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Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167993

Description échantillon	Méthode élément unités L.D.	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005
441701		4.3	130	0.8	1.4	<0.002	0.03	0.12	0.3	<1	<0.2	11.8	<0.05	<0.05	0.15	0.008
441702		4.2	130	0.7	2.0	<0.002	0.02	0.10	0.2	<1	<0.2	10.6	<0.05	<0.05	0.16	0.008
441703		3.1	170	2.1	0.4	<0.002	0.06	0.13	0.3	<1	<0.2	59.9	<0.05	<0.05	0.11	<0.005
441704		4.3	250	2.8	0.6	<0.002	0.17	0.11	1.1	1	<0.2	112.0	0.05	<0.05	0.20	0.010
441705		9.7	720	3.9	1.3	<0.002	0.48	0.17	11.3	1	0.2	173.5	0.25	0.07	0.21	0.236
441706		9.5	350	3.7	0.7	<0.002	0.81	0.14	2.1	1	<0.2	160.0	0.05	0.07	0.29	0.019
441707		66.4	910	206	480	0.003	3.35	2.16	5.2	3	1.2	258	0.95	0.85	1.60	0.473
441708		16.2	350	5.1	1.5	<0.002	2.37	0.17	3.6	2	<0.2	188.0	0.16	0.14	0.49	0.051
441709		29.8	620	1.7	1.3	0.002	0.86	0.58	17.8	1	0.2	61.0	0.16	0.06	0.32	0.415
441710		22.4	320	2.4	3.4	<0.002	0.61	0.31	14.6	1	0.4	85.6	0.15	0.06	0.24	0.302
441711		0.4	10	1.9	0.8	<0.002	<0.01	0.08	0.1	1	<0.2	231	<0.05	<0.05	0.06	<0.005
441712		4.3	360	3.3	1.4	<0.002	0.28	0.14	1.8	1	0.2	128.0	0.05	<0.05	0.25	0.014
441713		9.2	250	2.5	1.3	<0.002	0.26	0.25	5.4	1	0.2	74.9	0.07	<0.05	0.29	0.101
441714		6.1	290	3.1	0.4	<0.002	0.53	0.18	1.1	1	<0.2	97.2	<0.05	0.05	0.19	0.007
441715		4.7	1080	3.4	1.0	<0.002	0.58	0.18	2.5	1	<0.2	153.5	<0.05	<0.05	0.22	0.008
441716		75.5	1010	64.6	316	0.004	3.36	1.88	5.9	1	1.6	336	1.01	2.35	1.83	0.531
441717		1.8	290	2.5	0.5	<0.002	0.02	0.16	1.2	1	<0.2	127.0	<0.05	<0.05	0.28	0.006
441718		3.2	220	3.4	0.8	<0.002	0.62	0.15	0.7	1	<0.2	143.0	<0.05	0.05	0.06	<0.005
441719		3.5	350	1.8	0.5	<0.002	0.34	0.12	0.7	<1	<0.2	62.6	<0.05	<0.05	0.17	0.010
441720		5.2	290	3.1	1.4	<0.002	0.74	0.14	1.1	1	<0.2	141.0	0.05	0.06	0.21	0.013

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QUEBEC QC G1K 7R1

Finalisée date:
27- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167993

Description échantillon	Méthode élément unités L.D.	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441701		<0.02	0.1	10	0.2	4.0	7	3.2
441702		0.02	0.1	9	0.1	3.6	7	2.9
441703		<0.02	0.1	8	0.2	6.6	16	2.3
441704		<0.02	0.2	25	0.3	7.7	34	3.9
441705		0.03	0.5	152	0.3	16.6	115	20.4
441706		<0.02	0.3	28	0.2	8.2	35	5.7
441707		1.84	0.9	61	0.6	6.9	364	72.1
441708		0.03	0.3	36	0.2	8.4	36	15.1
441709		0.03	0.3	215	0.2	5.2	136	42.2
441710		0.06	0.3	176	0.3	6.6	119	32.6
441711		0.06	0.1	2	0.3	0.6	10	0.7
441712		0.02	0.2	24	0.2	7.7	32	6.1
441713		0.02	0.2	61	0.3	7.7	30	8.4
441714		<0.02	0.2	16	0.2	8.0	28	4.2
441715		0.02	0.2	17	0.1	10.9	19	4.0
441716		1.24	1.3	71	0.5	7.1	68	76.1
441717		<0.02	0.2	17	0.1	7.7	15	4.1
441718		<0.02	0.1	16	0.1	8.0	19	1.3
441719		<0.02	0.2	14	0.2	6.4	66	3.6
441720		0.02	0.2	24	0.2	7.1	24	5.0

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CERTIFICAT D'ANALYSE VO17167993

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	WEI- 21		

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- GRA21	Au- ICP21	Hg- MS42	ME- MS61
SPL- 21d			

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À: MINIÈRE OSISKO INC.
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Finalisée date: 1- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17170901

Projet: KAN

Bon de commande #: KAN- 010

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Projet: KAN

CERTIFICAT D'ANALYSE VO17170901

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441581		3.85	0.163	0.09	0.14	1.2	10	0.29	0.39	6.00	0.07	15.40	6.5	3	0.25	15.7
441582		<0.02	0.007	0.06	0.12	1.5	10	0.24	0.36	5.72	0.06	14.70	5.9	4	0.23	12.4
441583		5.20	0.006	0.13	0.10	2.7	<10	0.26	0.64	6.37	0.05	18.10	8.4	3	0.21	16.5
441584		1.74	0.001	0.04	0.11	1.2	<10	0.17	0.10	4.22	0.05	12.90	6.4	3	0.17	3.6
441585		2.45	0.001	0.07	0.10	0.4	<10	0.17	0.10	1.61	0.03	12.60	8.0	1	0.10	11.3
441586		3.45	<0.001	0.03	0.08	3.2	<10	0.15	0.06	1.30	0.02	4.63	5.2	5	0.10	3.6
441587		0.06	8.50	1.65	8.14	112.0	210	4.41	3.74	2.10	4.36	30.1	20.1	62	2.68	121.0
441588		2.19	1.555	0.03	0.21	5.1	20	0.24	0.09	6.40	0.20	10.50	5.9	7	1.18	25.2
441589		4.08	1.200	0.05	0.20	0.7	10	0.22	0.06	4.37	0.11	7.42	5.0	7	1.76	11.0
441590		1.75	0.956	0.12	0.11	0.6	<10	0.19	0.17	5.43	0.09	5.67	8.0	3	0.14	17.0
441591		0.15	<0.001	0.01	0.06	0.7	140	0.09	0.05	18.40	0.08	1.12	0.6	1	0.39	0.8
441592		1.31	<0.001	0.03	6.20	1.0	70	1.02	0.08	0.17	0.03	21.8	16.2	79	0.51	0.9
441593		3.67	<0.001	0.02	0.40	0.8	10	0.77	0.04	2.07	0.17	12.50	4.8	9	5.54	10.1
441594		4.03	<0.001	0.02	0.33	1.4	10	1.08	0.04	1.27	0.11	10.30	7.9	7	4.16	13.4
441595		4.74	<0.001	0.01	0.57	3.8	20	0.68	0.04	2.11	0.11	15.50	4.2	15	7.82	6.8
441596		0.03	1.240	1.09	7.95	112.0	120	5.40	2.93	2.33	2.88	27.9	21.2	64	2.81	58.1
441597		3.26	<0.001	0.01	0.34	2.2	10	1.06	0.04	3.30	0.12	11.30	5.1	6	2.59	7.9
441598		3.69	<0.001	0.01	0.19	<0.2	10	0.96	0.03	1.20	0.07	10.35	3.6	5	1.92	3.1
441599		2.34	<0.001	0.01	0.24	0.3	10	0.75	0.03	0.72	0.07	11.55	3.1	7	4.58	2.0
441600		0.73	<0.001	0.01	0.46	0.7	10	1.29	0.03	1.99	0.09	17.75	4.7	12	3.41	2.0

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CERTIFICAT D'ANALYSE VO17170901

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441581		23.8	0.81	0.11	0.1	0.009	0.014	0.02	9.5	2.4	4.43	8960	1.22	0.01	1.0	1.9
441582		22.9	0.72	0.10	0.1	0.009	0.012	0.02	9.3	2.1	4.26	8670	0.82	<0.01	1.0	1.6
441583		24.3	0.66	0.11	0.1	0.007	0.016	0.01	11.7	1.6	4.51	9470	2.16	<0.01	1.0	2.2
441584		26.4	0.71	0.09	0.1	<0.005	0.007	0.01	8.0	1.5	3.80	8730	0.47	<0.01	1.0	0.8
441585		31.1	0.60	0.09	0.1	<0.005	<0.005	0.01	8.5	0.9	3.44	9670	0.24	<0.01	0.4	0.9
441586		22.4	0.52	0.09	<0.1	<0.005	<0.005	0.01	3.1	0.9	3.08	9090	0.19	<0.01	0.4	0.4
441587		5.76	26.3	0.13	1.7	0.009	0.179	4.83	15.5	2.4	1.67	457	1.47	3.53	14.6	66.8
441588		15.85	0.87	0.09	0.1	0.023	0.012	0.06	6.1	2.6	3.50	6610	4.88	<0.01	1.0	7.3
441589		18.05	0.84	0.07	0.1	0.014	0.017	0.06	4.6	0.9	3.43	4080	0.23	0.01	1.2	1.7
441590		22.7	0.56	0.08	<0.1	0.025	0.012	0.03	3.6	1.4	4.31	5450	0.58	<0.01	0.3	1.3
441591		0.46	0.24	0.06	0.1	<0.005	<0.005	0.03	0.7	13.4	13.75	397	0.07	0.02	0.1	<0.2
441592		14.90	18.45	0.10	2.3	<0.005	0.030	0.40	9.2	81.1	3.24	1390	0.53	0.02	7.1	31.3
441593		22.6	1.84	0.10	0.2	0.029	0.035	0.06	6.7	0.8	1.73	10950	0.46	<0.01	2.8	3.6
441594		24.6	1.63	0.09	0.2	0.022	0.020	0.04	5.6	0.7	1.40	10750	0.45	<0.01	2.2	4.8
441595		21.7	2.47	0.09	0.3	0.026	0.033	0.10	8.0	1.7	1.63	9820	0.39	0.01	4.0	4.4
441596		5.33	26.5	0.13	1.9	0.005	0.104	4.18	13.9	2.7	1.75	467	1.34	3.61	15.9	72.6
441597		24.1	1.75	0.10	0.1	0.015	0.021	0.03	6.5	1.7	2.47	12600	0.53	0.01	1.7	3.8
441598		23.6	1.04	0.08	0.1	0.011	0.019	0.02	6.4	2.1	1.45	9000	0.29	<0.01	1.1	1.5
441599		20.5	1.24	0.07	0.1	0.013	0.012	0.04	7.3	0.8	0.95	8400	0.32	<0.01	1.1	2.0
441600		23.2	2.15	0.09	0.2	0.018	0.021	0.04	9.7	1.4	1.87	10700	0.34	<0.01	3.2	4.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170901

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441581		570	1.9	0.8	<0.002	0.59	0.16	0.4	1	<0.2	84.3	0.06	0.26	0.21	0.008	0.05
441582		570	1.9	0.8	<0.002	0.52	0.14	0.4	1	0.2	79.5	0.05	0.22	0.20	0.008	0.04
441583		880	6.6	0.4	<0.002	0.74	0.16	0.3	1	<0.2	84.2	0.05	0.39	0.17	0.008	0.03
441584		470	1.0	0.4	<0.002	0.18	0.13	0.3	<1	<0.2	53.0	0.06	0.09	0.16	0.008	0.03
441585		380	1.1	0.4	<0.002	0.60	0.18	0.2	<1	<0.2	23.1	<0.05	0.05	0.09	<0.005	0.03
441586		190	0.5	0.5	<0.002	0.19	0.12	0.1	<1	<0.2	19.2	<0.05	<0.05	0.05	<0.005	0.03
441587		930	189.0	490	0.004	3.43	2.50	5.5	3	1.2	257	0.94	0.85	1.62	0.484	1.89
441588		270	1.8	4.4	<0.002	0.87	0.20	0.5	1	<0.2	175.5	0.07	0.08	0.20	0.013	0.23
441589		250	1.4	2.1	<0.002	0.38	0.17	0.3	1	0.2	91.1	0.05	<0.05	0.15	0.014	0.02
441590		160	1.6	1.0	<0.002	0.91	0.15	0.2	1	<0.2	81.4	<0.05	0.07	0.05	<0.005	0.04
441591		40	3.9	1.2	<0.002	0.01	0.32	0.2	<1	<0.2	171.5	<0.05	<0.05	0.13	0.006	0.07
441592		230	3.0	4.6	<0.002	0.01	0.39	10.1	<1	0.9	13.6	0.57	<0.05	4.03	0.259	0.22
441593		420	7.1	3.7	0.002	0.67	0.23	0.9	1	0.4	30.5	0.11	<0.05	0.57	0.027	0.03
441594		360	2.8	2.7	<0.002	1.54	0.30	0.7	1	0.3	19.2	0.09	<0.05	0.41	0.017	0.03
441595		420	2.9	6.0	<0.002	0.61	0.28	1.3	1	0.5	29.3	0.15	<0.05	0.90	0.038	0.04
441596		980	148.5	379	0.003	2.74	1.79	5.8	4	1.2	266	1.16	0.43	1.54	0.505	1.54
441597		470	2.1	2.1	<0.002	0.88	0.15	0.7	1	0.3	51.3	0.06	<0.05	0.25	0.012	0.03
441598		420	0.9	1.4	<0.002	0.26	0.16	0.4	1	0.3	19.4	<0.05	<0.05	0.18	0.008	0.02
441599		380	1.2	3.1	<0.002	0.16	0.17	0.4	<1	0.3	10.9	<0.05	<0.05	0.23	0.009	0.02
441600		560	2.0	2.6	<0.002	0.21	0.19	1.2	1	0.4	28.8	0.11	<0.05	0.81	0.032	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 1- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170901

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441581		0.2	13	0.4	7.8	19	5.8
441582		0.2	12	0.2	7.7	18	5.5
441583		0.2	12	0.2	9.2	18	5.1
441584		0.1	12	0.2	7.3	18	4.9
441585		0.1	11	0.1	4.8	11	2.7
441586		0.1	9	0.1	3.5	11	1.8
441587		1.0	61	0.5	7.0	365	73.2
441588		0.4	12	0.2	6.5	35	8.0
441589		0.1	12	0.2	5.6	21	4.2
441590		0.1	8	0.1	6.0	26	1.5
441591		0.2	3	0.4	0.6	30	2.1
441592		1.8	76	0.4	3.1	187	83.8
441593		0.3	24	0.2	9.7	74	9.2
441594		0.3	22	0.3	9.0	55	7.3
441595		0.5	30	0.3	9.1	60	11.2
441596		0.8	63	0.7	7.5	247	78.8
441597		0.2	24	0.3	12.2	47	6.5
441598		0.1	14	0.3	10.1	42	4.1
441599		0.1	16	0.2	7.7	44	3.9
441600		0.4	35	0.3	13.2	45	9.6

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CERTIFICAT D'ANALYSE VO17170901

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17170903

Projet: KAN

Bon de commande #: KAN- 018

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170903

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441741		4.65	0.004	0.05	6.43	21.5	10	0.25	0.02	6.30	0.14	10.65	42.6	128	0.11	116.5
441742		<0.02	0.003	0.04	6.56	19.1	10	0.32	0.02	6.66	0.16	10.65	40.6	133	0.12	118.0
441743		5.50	0.002	0.02	3.21	13.0	50	0.19	0.02	8.05	0.14	7.16	22.9	69	2.24	158.0
441744		2.87	0.002	0.02	5.16	34.8	60	0.28	0.01	5.67	0.11	10.85	42.4	102	0.49	46.5
441745		2.55	0.003	0.01	0.28	1.5	10	0.73	0.03	1.66	0.07	11.25	4.1	6	2.08	5.7
441746		2.44	0.001	0.03	0.36	0.7	10	0.79	0.07	1.47	0.08	13.95	5.6	8	1.51	10.3
441747		0.05	8.49	1.70	8.40	108.0	210	4.54	3.36	2.03	4.44	29.2	17.8	61	2.63	119.5
441748		2.76	0.004	0.05	0.48	0.7	10	0.23	0.11	2.44	0.13	14.65	5.6	11	1.61	35.0
441749		1.26	0.002	0.08	0.38	1.0	10	0.19	0.11	1.59	0.09	14.75	5.7	13	1.59	61.5
441750		1.32	0.017	0.24	2.25	149.0	160	0.55	0.19	0.06	0.05	16.05	2.5	35	1.50	121.0
441751		0.14	0.003	0.01	0.24	0.8	90	0.06	0.03	19.30	0.05	1.18	0.6	1	0.56	2.6
441752		2.77	0.052	0.95	2.21	622	170	0.69	0.77	0.08	0.02	11.35	4.6	37	1.42	83.9
441753		1.96	0.028	1.03	1.47	513	180	0.47	0.88	0.09	0.02	10.05	4.1	20	1.17	69.7
441754		2.31	0.058	0.50	4.75	626	220	1.55	0.41	0.14	0.02	32.8	5.7	36	2.69	73.4
441755		2.79	0.146	0.33	6.60	683	300	2.67	0.25	0.01	0.02	55.2	4.1	110	2.91	39.0
441756		0.09	1.275	1.14	8.13	112.5	130	4.59	2.99	2.30	2.71	26.2	19.3	65	2.59	65.4
441757		2.32	0.001	0.11	6.18	4.1	10	0.39	0.13	0.07	0.04	60.5	13.9	116	0.54	39.1
441758		2.93	0.007	0.05	4.80	3.5	<10	0.35	0.09	0.14	0.03	72.1	13.8	107	0.41	13.1
441759		2.54	<0.001	0.02	2.00	1.6	<10	0.15	0.04	0.20	0.05	45.9	15.6	83	0.39	4.7
441760		2.24	0.001	0.05	2.43	1.0	10	0.32	0.08	0.17	0.08	45.7	11.0	92	1.40	13.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170903

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441741		8.66	16.00	0.06	1.0	0.039	0.075	0.04	4.8	29.0	3.69	1740	0.20	1.59	3.1	85.8
441742		8.83	15.95	0.06	1.1	0.043	0.075	0.04	4.8	28.5	3.76	1840	0.22	1.61	3.0	86.0
441743		11.60	8.69	0.05	0.8	0.049	0.048	0.27	2.9	18.2	4.83	2840	0.15	0.02	2.6	44.2
441744		11.40	13.50	0.06	1.4	0.033	0.059	0.21	4.3	32.7	5.31	2080	0.21	0.01	2.8	80.7
441745		30.7	1.50	0.08	0.2	0.025	0.011	0.03	7.0	3.8	2.20	8980	0.66	0.01	2.2	4.1
441746		29.1	1.88	0.08	0.2	0.021	0.016	0.03	8.3	2.5	1.91	9000	0.82	<0.01	2.3	8.4
441747		5.62	26.5	0.09	1.7	0.015	0.180	4.64	14.1	2.8	1.59	451	1.55	3.42	13.6	65.3
441748		24.6	2.44	0.08	0.2	0.023	0.104	0.06	8.6	4.7	2.43	9580	1.54	0.01	2.7	15.7
441749		13.30	1.74	0.06	0.2	0.020	0.079	0.07	8.8	3.2	1.16	3290	1.48	0.01	1.7	26.9
441750		39.6	8.80	0.33	2.1	0.260	0.079	1.00	8.4	7.5	0.20	354	9.94	0.17	3.9	4.5
441751		0.50	0.49	<0.05	0.4	0.007	<0.005	0.05	0.6	19.3	14.05	417	0.17	0.02	0.6	0.4
441752		36.5	7.57	0.29	2.3	0.650	0.058	2.07	6.2	8.1	0.19	278	54.4	0.20	2.8	1.2
441753		35.6	4.97	0.21	2.6	0.494	0.038	2.56	5.7	5.9	0.16	408	27.6	0.37	2.6	1.4
441754		26.2	14.35	0.21	3.6	0.656	0.080	2.70	16.8	20.1	0.43	719	44.0	0.13	8.3	1.2
441755		15.10	18.80	0.19	3.0	0.245	0.082	2.98	29.0	31.6	0.81	502	43.5	0.10	5.0	8.9
441756		5.27	26.2	0.09	1.8	0.007	0.104	4.28	13.1	2.7	1.76	442	1.44	3.70	15.6	72.9
441757		17.10	18.25	0.09	2.4	0.052	0.056	0.07	30.9	44.2	3.84	2090	4.51	0.12	10.1	32.6
441758		16.40	13.20	0.08	2.1	0.056	0.055	0.01	36.9	19.7	2.87	1860	1.95	0.01	11.8	37.7
441759		14.65	4.57	0.05	1.5	0.035	0.053	0.01	24.9	10.9	1.86	2370	5.22	0.01	10.3	50.0
441760		20.8	6.51	0.06	1.7	0.076	0.047	0.04	25.4	12.4	2.40	2960	8.43	0.01	13.8	48.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170903

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441741		360	2.6	0.9	<0.002	0.09	0.52	40.9	1	0.6	81.7	0.19	<0.05	0.29	0.654	0.02
441742		360	2.6	0.8	0.002	0.10	0.50	41.0	1	0.6	84.9	0.19	<0.05	0.29	0.663	<0.02
441743		190	1.9	7.3	<0.002	0.58	0.31	18.3	1	<0.2	87.5	0.14	<0.05	0.27	0.312	0.05
441744		310	1.6	4.6	<0.002	0.08	0.38	29.7	<1	0.2	62.1	0.19	<0.05	0.40	0.500	0.04
441745		410	1.1	1.9	<0.002	0.50	0.18	0.7	<1	0.5	28.9	0.09	<0.05	0.31	0.017	0.02
441746		430	1.7	3.6	<0.002	0.72	0.14	0.8	<1	0.6	28.8	0.12	0.05	0.35	0.019	0.27
441747		930	216	480	0.003	3.32	2.14	5.2	3	1.2	261	0.91	0.80	1.57	0.471	2.02
441748		370	3.1	6.1	<0.002	2.16	0.10	1.3	1	0.4	56.7	0.15	0.17	0.45	0.029	0.47
441749		220	4.2	7.2	0.002	3.35	0.17	0.9	2	0.2	48.9	0.10	0.14	0.40	0.023	0.48
441750		580	33.4	41.9	0.002	0.68	4.05	4.9	15	0.9	15.6	0.26	3.94	3.48	0.128	0.69
441751		40	2.1	1.4	<0.002	0.04	0.12	0.2	<1	<0.2	177.5	0.07	<0.05	0.12	0.007	0.09
441752		640	720	73.1	<0.002	3.40	23.4	5.7	48	1.2	24.0	0.16	26.4	1.45	0.073	6.74
441753		670	1225	72.1	0.003	5.40	13.20	3.3	29	1.0	41.4	0.16	11.55	1.22	0.069	9.04
441754		600	271	108.0	<0.002	1.82	17.25	11.4	45	2.0	19.7	0.49	14.90	1.83	0.191	4.66
441755		460	116.5	125.0	0.002	1.29	10.75	15.6	33	3.9	17.4	0.29	11.85	5.09	0.155	3.85
441756		980	156.5	377	0.002	2.87	1.65	5.7	4	1.1	259	1.10	0.49	1.49	0.511	1.51
441757		270	9.0	2.4	0.012	2.24	0.27	13.4	2	0.3	6.3	0.74	0.25	9.00	0.335	0.11
441758		570	11.1	0.6	0.004	1.02	0.23	10.8	1	0.5	5.6	0.85	0.16	8.68	0.317	0.03
441759		560	2.5	0.4	0.010	0.65	0.17	6.6	1	0.4	4.4	0.67	0.11	5.83	0.223	0.02
441760		330	4.1	5.3	0.016	1.40	0.16	6.5	1	0.8	3.4	0.73	0.15	6.58	0.296	0.26

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Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170903

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441741		0.1	333	0.1	19.9	87	29.5
441742		0.1	339	0.1	20.1	89	31.7
441743		0.1	165	0.1	6.4	50	27.9
441744		0.1	263	0.1	7.9	86	46.2
441745		0.4	25	0.2	10.0	52	8.2
441746		0.5	33	0.2	10.2	64	9.0
441747		0.9	61	0.5	6.8	359	73.7
441748		0.7	44	0.1	8.1	99	11.1
441749		0.8	39	0.1	5.7	65	10.1
441750		1.6	90	0.6	3.9	114	90.8
441751		0.3	2	0.1	1.0	17	11.4
441752		0.9	110	0.9	2.7	14	104.5
441753		0.6	83	0.8	2.4	11	86.8
441754		2.5	136	1.3	7.1	17	156.5
441755		2.6	198	1.0	5.6	58	136.5
441756		0.7	65	0.5	7.2	232	78.1
441757		6.8	289	0.1	5.7	255	90.5
441758		4.4	174	0.1	6.6	178	81.2
441759		4.4	102	0.4	4.6	92	58.6
441760		7.4	143	0.6	6.0	131	69.4

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CERTIFICAT D'ANALYSE VO17170903

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17170924

Projet: KAN

Bon de commande #: KAN- 019

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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plus les pages d'annexe
Finalisée date: 1- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170924

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441761		3.35	0.003	0.03	1.67	1.3	10	0.69	0.07	0.78	0.14	29.6	9.1	38	2.38	10.3
441762		<0.02	<0.001	0.03	1.68	1.2	10	0.80	0.06	0.79	0.15	31.2	9.6	39	2.38	10.1
441763		2.83	<0.001	0.05	0.75	1.5	10	0.81	0.05	1.39	0.17	11.35	4.7	19	2.68	5.7
441764		2.69	0.004	0.12	8.38	37.6	360	2.45	0.20	0.02	0.02	174.0	1.4	29	4.39	13.9
441765		4.00	0.003	0.17	8.45	39.2	290	2.18	0.31	0.32	0.71	116.0	24.6	17	4.24	91.5
441766		5.59	0.004	0.22	8.28	59.8	230	2.39	0.43	0.18	1.05	67.8	43.5	42	4.67	72.4
441767		0.10	8.26	1.52	7.61	103.0	200	3.22	3.62	1.97	4.49	27.1	16.7	59	2.48	119.0
441768		1.29	0.007	0.23	7.26	23.5	310	1.68	0.44	0.08	0.76	73.5	19.7	85	4.14	115.0
441769		4.25	0.005	0.28	6.39	11.0	260	1.50	0.28	0.07	0.10	56.3	4.9	116	3.70	83.9
441770		4.53	<0.001	0.17	6.06	3.8	200	1.54	0.26	0.01	<0.02	58.6	1.6	65	3.09	28.7
441771		0.26	0.008	0.02	0.20	0.9	150	0.09	0.04	19.80	0.13	2.15	0.7	1	0.98	1.6
441772		3.85	<0.001	0.08	0.47	2.5	10	0.11	0.33	0.04	0.05	6.58	0.6	16	0.16	16.2
441773		3.37	0.002	0.22	0.07	0.5	<10	<0.05	0.34	0.01	0.14	3.71	2.4	9	0.05	63.7
441774		4.48	<0.001	0.54	0.05	1.1	<10	<0.05	0.95	0.04	0.15	3.87	1.7	8	<0.05	68.6
441775		3.86	<0.001	0.27	0.09	5.9	<10	<0.05	0.63	0.01	0.04	5.37	1.9	9	<0.05	86.7
441776		0.11	1.280	1.03	7.62	101.5	110	3.87	2.80	2.22	2.73	24.5	17.1	60	2.55	55.5
441777		3.33	<0.001	0.21	0.06	8.3	<10	<0.05	0.47	0.01	0.02	2.03	0.5	6	<0.05	38.9
441778		4.15	0.004	0.30	0.61	38.3	10	0.11	0.47	0.01	0.20	15.30	2.2	22	0.05	29.5
441779		1.09	0.001	0.32	0.57	87.8	10	0.09	0.56	0.02	0.17	6.84	4.5	20	0.07	43.8
441780		1.32	0.138	0.92	8.48	194.5	300	1.84	0.52	0.03	0.02	14.45	0.5	146	3.21	13.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170924

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441761		24.0	6.40	0.09	1.1	0.027	0.037	0.11	16.1	11.2	2.78	9310	0.94	0.01	7.9	17.8
441762		24.0	6.47	0.09	1.1	0.038	0.038	0.11	17.2	11.2	2.80	9390	0.96	0.01	7.9	18.5
441763		17.00	3.97	0.08	0.3	0.029	0.020	0.09	6.2	5.8	1.78	6410	0.45	0.01	3.8	6.4
441764		3.35	33.0	0.23	15.8	0.346	0.123	3.78	91.2	29.8	0.62	125	14.55	0.78	77.2	1.9
441765		10.15	26.4	0.22	6.8	0.317	0.113	3.43	58.1	37.4	1.31	259	8.75	0.82	23.0	79.9
441766		11.00	24.5	0.19	4.9	0.535	0.116	3.84	34.8	35.8	0.90	202	10.15	0.44	17.5	81.8
441767		5.36	24.3	0.09	1.5	0.018	0.178	4.48	13.6	1.8	1.58	421	1.89	3.29	13.7	64.9
441768		13.00	19.35	0.14	4.2	0.479	0.134	3.46	37.6	21.8	0.69	207	13.15	0.12	12.1	71.1
441769		12.80	18.55	0.10	4.4	0.317	0.122	2.95	30.4	19.7	0.69	221	15.30	0.28	20.8	12.3
441770		4.88	20.9	0.10	7.0	0.378	0.086	2.63	31.5	24.9	1.13	239	25.0	0.06	63.5	2.5
441771		0.22	0.70	0.05	0.2	0.021	<0.005	0.12	1.2	13.4	12.50	349	0.48	0.02	1.0	0.7
441772		3.41	2.14	<0.05	0.5	0.377	0.130	0.15	3.4	1.9	0.12	139	4.34	0.04	7.4	2.1
441773		5.80	0.61	<0.05	0.1	0.968	0.474	0.01	2.2	0.2	0.02	237	0.45	<0.01	0.9	6.2
441774		7.35	0.62	<0.05	0.1	1.855	1.030	<0.01	2.3	<0.2	0.03	138	0.30	<0.01	0.9	5.8
441775		5.88	0.87	<0.05	0.1	0.454	0.215	0.01	3.2	<0.2	0.01	95	0.68	0.02	1.0	6.6
441776		5.08	23.7	0.07	1.6	0.015	0.100	4.00	11.6	2.0	1.67	432	1.33	3.44	14.6	65.7
441777		3.70	0.57	<0.05	<0.1	0.472	0.222	<0.01	1.2	<0.2	<0.01	50	0.25	0.02	0.4	1.9
441778		3.56	3.09	<0.05	0.4	1.330	0.457	0.03	7.4	1.1	0.08	213	4.81	0.35	5.2	5.4
441779		5.19	2.51	<0.05	0.5	1.795	0.304	0.05	3.0	1.8	0.12	453	9.49	0.19	4.6	8.9
441780		3.75	24.4	0.13	3.8	3.10	0.105	3.08	7.1	22.0	0.41	56	41.0	2.02	15.9	1.0

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CERTIFICAT D'ANALYSE VO17170924

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441761		610	1.8	11.4	0.002	1.17	0.17	4.0	1	1.3	13.7	0.49	0.09	2.61	0.140	0.52
441762		670	1.8	11.5	0.003	1.16	0.16	4.2	1	1.2	14.2	0.50	0.08	2.67	0.141	0.49
441763		210	1.3	8.7	<0.002	0.75	0.23	1.5	1	0.9	23.8	0.17	0.06	0.64	0.046	0.26
441764		380	13.6	167.5	0.011	0.51	1.95	13.9	5	4.8	31.4	5.15	0.71	12.35	0.413	4.39
441765		1520	19.6	135.5	0.013	8.19	2.11	20.9	4	2.7	36.0	1.32	0.70	6.19	0.599	4.00
441766		880	27.0	157.0	0.015	8.95	2.93	22.6	3	2.3	32.1	0.97	0.99	4.15	0.429	4.49
441767		890	191.0	448	0.002	3.26	1.93	4.5	4	1.2	242	0.87	0.94	1.41	0.459	1.76
441768		590	26.9	152.0	0.014	5.18	1.92	18.1	4	2.1	25.0	0.65	0.75	4.97	0.238	3.69
441769		480	29.7	126.5	0.006	0.40	1.20	13.4	4	2.3	31.6	1.26	0.35	5.48	0.188	2.82
441770		190	16.9	113.5	0.019	0.65	1.35	10.0	4	3.8	16.6	4.45	0.23	6.83	0.321	2.64
441771		30	2.0	4.0	<0.002	0.01	0.18	0.2	1	<0.2	152.0	0.08	<0.05	0.17	0.008	0.19
441772		140	81.5	6.3	0.004	0.11	0.11	0.9	2	0.5	4.8	0.28	0.12	0.76	0.044	0.18
441773		90	104.5	0.5	<0.002	0.11	0.10	0.1	2	0.2	0.8	<0.05	0.08	0.10	0.006	0.02
441774		80	220	0.4	<0.002	0.19	0.14	0.1	4	0.2	0.7	<0.05	0.18	0.10	0.005	0.02
441775		140	54.8	0.2	<0.002	0.10	0.16	0.1	3	0.3	0.6	0.05	0.14	0.13	0.006	<0.02
441776		970	159.0	353	0.003	2.67	1.57	4.8	4	1.1	254	1.05	0.51	1.28	0.481	1.40
441777		90	57.5	0.6	<0.002	0.07	0.17	0.1	2	<0.2	0.7	<0.05	0.14	0.06	<0.005	<0.02
441778		110	172.5	1.7	0.003	0.05	0.43	1.0	2	1.1	2.5	0.33	0.16	0.70	0.036	0.05
441779		180	198.0	2.1	0.005	0.09	0.54	1.3	3	0.6	2.9	0.25	0.22	0.71	0.038	0.07
441780		90	102.5	135.0	0.004	0.17	25.9	21.1	28	3.4	38.5	0.95	7.61	1.20	0.294	3.91

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

2103 Dollarton Hwy
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170924

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441761		1.6	80	0.3	7.6	105	44.0
441762		1.7	80	0.3	7.9	106	44.5
441763		0.5	34	0.2	6.6	69	14.5
441764		7.7	176	1.8	26.4	32	>500
441765		18.2	162	2.1	22.3	238	255
441766		15.5	157	1.7	16.8	303	191.5
441767		0.9	59	0.6	6.5	343	69.2
441768		12.1	172	1.1	14.2	256	181.5
441769		6.5	186	1.0	12.2	113	215
441770		7.7	328	1.5	17.9	50	356
441771		0.3	5	0.5	1.0	38	6.9
441772		1.9	65	0.5	3.3	84	34.3
441773		0.2	9	0.1	1.8	543	3.4
441774		0.2	10	0.1	1.5	742	3.3
441775		0.3	14	0.2	1.5	225	2.7
441776		0.7	62	0.5	6.4	231	72.7
441777		0.1	5	0.1	0.8	88	1.9
441778		2.6	116	0.9	3.8	363	23.4
441779		3.1	137	0.7	3.0	298	26.6
441780		1.7	241	1.5	5.7	11	131.0

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Finalisée date: 1- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170924

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17170926

Projet: KAN

Bon de commande #: KAN- 020

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 17- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170926

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441781		2.34	0.131	1.52	8.02	153.0	350	1.86	0.52	0.11	<0.02	18.45	0.5	125	3.43	12.2
441782		<0.02	0.138	1.66	7.91	151.0	360	1.69	0.55	0.10	<0.02	18.85	0.6	126	3.45	11.6
441783		3.11	0.134	3.29	8.23	153.5	340	1.86	0.51	0.06	<0.02	25.0	0.4	127	3.73	13.5
441784		3.87	0.168	2.67	8.37	84.0	350	1.83	0.42	0.05	<0.02	30.4	0.7	141	3.59	9.7
441785		3.62	0.243	1.45	8.33	17.6	300	1.77	0.40	0.04	<0.02	22.4	1.5	165	3.26	5.3
441786		2.30	0.257	1.50	8.03	16.3	320	1.97	0.40	0.02	<0.02	21.5	1.0	163	3.40	4.0
441787		0.04	8.35	1.72	8.06	99.7	200	4.05	3.76	1.99	4.30	28.6	18.0	60	2.63	117.5
441788		2.46	0.228	2.00	7.93	54.1	350	2.07	0.72	0.05	0.02	18.65	1.2	159	3.93	10.9
441789		2.89	0.002	0.89	7.90	30.4	350	2.14	0.81	0.03	<0.02	23.3	0.8	142	3.80	10.6
441790		2.99	0.146	0.53	8.29	49.4	380	2.42	1.54	0.01	<0.02	28.9	1.6	153	4.21	10.3
441791		0.19	0.008	0.04	0.35	6.9	50	0.12	0.08	18.25	0.04	1.96	0.5	8	0.46	2.5
441792		3.53	0.005	0.13	0.22	1.1	<10	<0.05	0.47	0.03	0.04	4.57	3.0	8	0.05	22.0
441793		3.70	<0.001	0.08	0.15	0.8	<10	<0.05	0.24	0.01	0.06	6.71	0.3	8	0.05	18.5
441794		2.57	0.003	0.13	0.04	1.8	<10	<0.05	0.47	0.05	0.02	6.84	1.6	4	<0.05	26.1
441795		2.62	0.005	0.10	0.42	0.4	10	0.07	0.30	0.53	0.11	12.70	5.9	13	0.87	299
441796		0.20	1.310	1.12	7.92	99.4	120	4.78	3.37	2.23	3.07	26.7	18.9	64	2.71	56.3
441797		4.49	0.003	0.10	0.72	0.6	10	0.13	0.23	0.61	0.17	23.3	9.2	18	2.23	205
441798		3.33	0.004	0.15	1.69	1.0	10	0.15	0.15	4.87	0.23	29.9	8.4	17	3.58	188.0
441799		5.35	0.007	0.13	1.69	0.2	10	0.15	0.11	5.91	0.29	26.9	8.0	10	0.44	233
441800		3.94	0.004	0.09	0.83	0.7	10	0.08	0.09	3.57	0.14	21.5	9.0	5	0.26	230

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170926

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441781		4.36	21.8	0.09	5.3	2.28	0.116	3.18	10.1	26.3	0.43	59	22.9	1.57	14.4	1.2
441782		4.37	22.0	0.08	5.3	2.42	0.112	3.16	10.2	25.5	0.42	63	24.0	1.56	14.6	1.2
441783		5.87	23.3	0.09	5.3	1.640	0.123	3.29	13.9	26.5	0.44	58	25.2	1.44	13.3	1.1
441784		4.73	23.1	0.07	4.2	0.846	0.112	3.24	17.1	26.8	0.43	58	15.75	1.67	14.9	0.9
441785		2.06	22.7	0.08	4.0	3.38	0.116	3.01	12.0	26.1	0.40	146	5.30	2.16	20.9	1.9
441786		0.97	23.6	0.09	4.5	3.31	0.117	3.11	11.7	28.3	0.42	100	3.69	1.75	23.2	0.7
441787		5.54	23.3	0.08	1.5	0.031	0.196	4.53	14.9	2.8	1.61	425	1.40	3.34	14.0	62.3
441788		2.49	25.0	0.08	4.2	3.60	0.144	3.49	10.2	32.1	0.49	313	8.59	0.99	21.9	2.0
441789		2.48	24.8	0.09	4.5	2.35	0.147	3.50	12.9	33.9	0.51	475	7.41	0.92	20.4	2.3
441790		2.42	26.3	0.11	4.9	2.63	0.129	3.88	15.9	36.2	0.52	164	19.70	0.58	18.6	1.4
441791		0.35	1.09	0.14	0.2	0.108	0.009	0.17	1.0	13.7	13.15	316	0.72	0.05	1.0	0.6
441792		2.88	0.87	<0.05	0.1	0.238	0.098	0.04	2.6	1.3	0.06	252	0.42	0.06	0.7	1.7
441793		2.05	0.60	<0.05	0.1	0.233	0.074	0.04	3.8	1.0	0.03	99	0.55	0.02	1.1	1.4
441794		2.29	0.32	<0.05	<0.1	0.522	0.159	<0.01	4.1	0.4	0.04	114	0.38	0.01	0.6	0.9
441795		18.40	2.18	0.05	0.2	0.028	0.161	0.04	7.9	3.6	0.94	3000	1.60	0.01	1.4	84.1
441796		5.16	23.2	0.07	1.7	0.009	0.107	4.10	13.6	2.8	1.72	448	1.31	3.52	15.1	65.8
441797		21.7	3.63	0.06	0.4	0.029	0.119	0.08	14.7	7.4	1.47	7130	2.98	0.01	1.6	75.4
441798		19.45	9.21	0.11	0.5	0.045	0.056	0.14	16.9	19.5	3.71	13250	1.63	0.03	1.8	59.6
441799		22.7	7.07	0.10	0.4	0.107	0.050	0.10	15.3	16.5	3.34	16250	0.56	0.07	0.9	81.4
441800		23.7	3.40	0.11	0.2	0.078	0.046	0.11	11.9	6.5	1.59	14000	0.27	0.02	0.5	71.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170926

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441781		140	158.5	138.0	0.003	0.20	27.5	20.1	16	3.4	47.2	0.86	5.53	1.83	0.257	4.04
441782		150	173.5	138.0	0.002	0.22	28.9	20.0	16	3.4	52.2	0.87	5.85	1.92	0.254	4.16
441783		230	112.5	144.5	<0.002	0.16	28.7	20.7	17	3.6	41.8	0.76	4.20	2.38	0.217	4.19
441784		260	106.5	141.5	<0.002	0.25	33.6	21.8	11	3.4	43.8	0.88	2.63	2.31	0.284	4.06
441785		50	31.0	131.5	0.003	0.06	25.8	23.3	4	3.3	39.9	1.26	1.43	1.40	0.409	3.75
441786		50	26.7	138.5	0.003	0.06	31.7	23.3	3	3.5	35.0	1.39	1.10	1.35	0.453	3.93
441787		890	184.0	470	0.004	3.30	2.02	4.8	3	1.3	244	0.90	0.94	1.51	0.463	1.85
441788		110	49.3	156.5	0.003	0.10	33.8	24.0	5	4.0	33.3	1.35	1.83	1.32	0.424	4.50
441789		90	48.9	158.0	0.002	0.13	17.05	22.5	5	3.8	31.4	1.27	1.68	1.60	0.382	4.53
441790		50	67.4	173.5	0.003	0.10	21.3	25.4	11	4.2	28.4	1.16	3.70	1.70	0.379	4.99
441791		40	5.1	7.4	<0.002	0.02	0.97	1.0	1	0.3	144.0	0.06	0.14	0.14	0.020	0.23
441792		50	61.0	1.5	<0.002	0.07	0.21	0.3	1	0.6	3.5	<0.05	0.18	0.10	0.005	0.05
441793		70	43.2	1.4	<0.002	0.07	0.13	0.3	1	0.4	1.8	0.05	0.14	0.21	0.010	0.04
441794		70	88.0	0.2	<0.002	0.08	0.15	0.1	2	0.3	1.0	<0.05	0.20	0.08	<0.005	<0.02
441795		380	8.1	4.2	0.002	8.25	0.15	1.0	3	0.3	14.6	0.08	0.56	0.46	0.012	0.30
441796		980	154.0	362	0.003	2.72	1.61	5.2	4	1.1	254	1.07	0.58	1.50	0.493	1.48
441797		540	4.1	10.4	0.002	4.25	0.14	1.6	2	0.2	22.2	0.11	0.63	0.77	0.016	0.63
441798		540	4.4	17.1	<0.002	5.54	0.13	2.5	3	0.2	173.5	0.16	0.59	0.92	0.022	1.02
441799		950	3.0	4.8	0.002	8.73	0.12	2.5	6	0.3	188.5	0.16	0.63	0.64	0.013	0.17
441800		410	2.9	4.9	<0.002	5.47	0.10	1.6	5	0.3	91.3	0.06	0.70	0.36	0.006	0.17

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170926

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441781		2.0	240	1.4	6.1	16	174.0
441782		2.0	233	1.5	6.2	16	174.5
441783		2.5	233	1.4	6.9	24	183.0
441784		2.0	223	1.4	6.1	14	139.0
441785		1.6	225	1.7	6.3	11	131.0
441786		1.6	227	1.7	5.5	10	162.0
441787		1.0	59	0.4	6.8	355	69.2
441788		1.5	239	1.9	5.4	27	147.0
441789		1.5	243	1.7	5.5	24	149.0
441790		1.5	291	1.8	5.7	17	150.5
441791		0.2	12	0.2	1.0	12	6.9
441792		0.2	11	0.1	1.7	81	3.6
441793		0.6	9	0.1	1.9	72	7.2
441794		0.6	5	0.1	2.0	54	2.6
441795		0.8	44	<0.1	4.2	70	10.9
441796		0.7	63	0.7	7.2	236	74.1
441797		1.2	65	0.1	7.7	94	18.5
441798		1.3	102	0.1	8.5	124	24.7
441799		0.7	73	0.1	10.4	120	16.2
441800		0.4	34	0.1	8.3	59	7.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17- SEPT- 2017
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CERTIFICAT D'ANALYSE VO17170926

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17170927

Projet: KAN

Bon de commande #: KAN- 024

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170927

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441861		2.44	0.001	0.02	0.72	0.6	10	0.06	0.03	0.02	0.02	1.83	1.1	15	0.20	42.7
441862		<0.02	<0.001	0.01	0.71	0.5	10	0.05	0.02	0.01	0.02	1.35	1.1	11	0.19	41.1
441863		2.63	0.001	0.02	6.01	0.3	220	0.94	0.03	0.01	<0.02	1.42	0.7	7	1.45	44.2
441864		3.28	<0.001	0.05	7.01	1.9	330	1.74	0.05	0.01	<0.02	93.6	0.8	20	3.11	39.6
441865		3.70	0.002	0.05	9.22	16.1	400	2.33	0.08	0.02	0.11	224	2.0	21	4.33	63.4
441866		3.85	<0.001	0.08	6.65	14.6	140	0.59	0.03	4.79	0.07	3.32	73.4	125	1.15	56.2
441867		0.05	8.25	1.68	7.53	100.5	200	3.66	3.70	1.91	4.12	27.7	18.0	61	2.41	115.5
441868		4.40	0.001	0.07	6.48	5.1	140	0.57	0.04	1.50	0.08	4.09	38.9	136	0.86	65.6
441869		3.71	<0.001	0.02	2.36	1.0	60	0.25	0.04	0.57	0.02	0.82	8.1	40	0.40	26.2
441870		1.99	<0.001	0.07	6.17	8.7	200	0.79	0.03	0.67	0.08	2.75	30.9	177	0.65	97.5
441871		0.20	0.007	0.03	0.13	0.8	40	<0.05	0.04	17.15	0.05	1.09	0.9	3	0.36	2.2
441872		1.30	<0.001	0.02	2.58	0.8	70	0.28	0.03	0.09	0.07	0.84	2.1	55	0.35	26.4
441873		4.48	<0.001	0.06	6.23	21.9	30	0.43	0.03	0.25	0.02	5.24	64.7	128	0.41	43.6
441874		1.00	<0.001	0.06	6.54	27.1	20	0.42	0.03	0.14	<0.02	3.21	53.6	162	0.32	25.2
441875		3.37	0.003	0.02	0.43	1.4	10	0.40	0.03	2.65	0.02	8.99	6.2	16	0.06	4.2
441876		0.08	NSS	1.11	7.59	104.0	110	4.95	2.65	2.15	2.44	26.7	19.8	58	2.45	67.2
441877		4.09	<0.001	0.01	0.29	2.4	<10	0.40	0.03	2.57	0.02	7.15	3.6	21	<0.05	2.8
441878		4.13	<0.001	0.01	0.08	2.1	<10	0.33	0.03	1.34	<0.02	4.05	1.5	17	<0.05	1.3
441879		5.39	<0.001	0.01	0.04	3.7	<10	0.38	0.03	2.18	<0.02	5.47	1.5	12	<0.05	1.3
441880		4.19	<0.001	0.01	0.04	2.0	<10	0.41	0.03	3.70	<0.02	7.16	1.3	17	<0.05	1.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170927

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441861		4.04	2.60	<0.05	<0.1	0.044	0.022	0.20	0.9	4.9	0.26	596	0.17	0.05	0.1	6.6
441862		4.04	2.47	<0.05	<0.1	0.043	0.021	0.19	0.7	4.5	0.24	582	0.15	0.05	0.1	6.3
441863		8.07	25.8	<0.05	0.1	0.120	0.097	1.74	0.8	55.9	3.08	698	0.28	0.07	0.6	2.0
441864		4.70	27.0	0.11	7.6	0.224	0.116	2.94	49.8	24.0	0.79	394	6.80	0.57	41.7	2.9
441865		3.92	36.9	0.22	20.9	0.254	0.159	3.68	120.0	27.7	0.75	112	13.45	1.41	92.9	5.2
441866		10.00	17.00	0.07	1.0	0.085	0.060	1.03	1.3	85.6	8.27	2820	0.16	0.08	1.0	474
441867		5.33	25.0	0.09	1.5	0.017	0.188	4.48	14.7	2.7	1.58	398	1.34	3.34	13.9	64.1
441868		9.99	17.65	0.06	1.1	0.080	0.056	0.65	1.7	98.8	7.36	1580	0.18	0.04	1.8	305
441869		3.55	5.82	<0.05	0.2	0.042	0.020	0.26	<0.5	31.6	2.37	630	0.13	0.02	0.5	54.0
441870		11.55	22.1	0.10	1.4	0.095	0.067	0.85	1.1	115.0	7.21	1300	0.16	0.04	1.9	175.5
441871		0.29	0.37	0.10	0.1	0.006	0.005	0.03	0.7	16.9	13.45	300	0.10	0.03	0.1	3.5
441872		4.68	6.64	<0.05	0.3	0.073	0.028	0.32	<0.5	30.6	2.22	273	0.19	0.02	1.2	12.7
441873		10.50	16.20	0.12	1.1	0.091	0.042	0.17	2.2	103.0	8.05	926	0.18	0.01	3.2	405
441874		10.90	16.80	0.11	1.0	0.075	0.039	0.18	1.5	121.0	8.52	920	0.16	0.02	1.9	273
441875		16.75	2.81	0.11	0.3	0.012	0.009	0.02	4.9	6.7	2.37	7410	0.42	0.01	2.7	12.3
441876		4.97	27.0	0.09	1.6	0.009	0.095	4.03	13.1	3.0	1.67	436	1.44	3.42	16.1	69.3
441877		15.55	1.91	0.10	0.1	0.028	<0.005	0.01	4.3	4.7	2.55	3910	0.30	<0.01	1.1	8.7
441878		11.00	0.53	0.06	<0.1	0.009	<0.005	0.01	2.5	1.9	1.78	1800	0.20	<0.01	0.4	3.6
441879		15.45	0.53	0.08	<0.1	0.014	<0.005	<0.01	3.2	1.7	2.66	2740	0.26	<0.01	0.3	3.5
441880		14.20	0.53	0.08	<0.1	0.014	<0.005	<0.01	4.3	1.8	2.83	2700	0.26	<0.01	0.3	4.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170927

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441861		120	0.6	7.4	<0.002	0.05	0.12	0.9	1	<0.2	10.7	<0.05	0.07	0.06	<0.005	0.29
441862		120	0.5	7.2	<0.002	0.06	0.12	0.8	1	<0.2	10.1	<0.05	0.06	0.03	<0.005	0.29
441863		240	1.4	37.6	<0.002	0.07	0.14	6.9	2	0.5	12.3	<0.05	0.21	0.08	0.023	2.28
441864		440	5.2	115.0	<0.002	0.12	0.59	10.0	3	3.0	26.3	2.51	0.18	9.07	0.275	3.41
441865		560	8.4	146.5	0.008	0.17	1.27	15.3	6	5.5	38.8	6.46	0.33	15.75	0.464	4.21
441866		210	4.1	33.5	<0.002	2.83	0.36	22.0	1	0.6	90.2	0.06	0.35	0.15	0.176	1.46
441867		880	187.0	419	0.003	3.28	1.94	5.2	3	1.2	233	0.86	0.84	1.52	0.457	1.80
441868		140	5.1	23.1	<0.002	2.15	0.28	17.0	2	0.6	32.8	0.09	0.35	0.22	0.209	0.90
441869		40	8.7	9.3	<0.002	1.01	0.20	8.3	1	0.3	12.3	<0.05	0.14	0.05	0.043	0.37
441870		130	3.1	21.7	0.002	2.90	0.32	13.0	2	0.7	18.2	0.08	0.47	0.19	0.206	1.21
441871		30	3.2	1.1	<0.002	0.03	0.16	0.4	<1	<0.2	139.0	<0.05	<0.05	0.09	0.007	0.07
441872		270	2.6	11.4	<0.002	0.21	0.22	7.9	1	0.5	8.5	<0.05	0.18	0.09	0.086	0.44
441873		320	1.2	5.3	<0.002	2.21	0.20	16.0	1	1.0	7.2	0.09	0.31	0.21	0.214	0.25
441874		300	1.2	5.0	<0.002	1.38	0.19	17.0	1	0.6	9.6	0.07	0.28	0.16	0.197	0.26
441875		380	1.9	0.9	<0.002	0.11	0.15	1.2	1	<0.2	35.7	0.13	<0.05	0.38	0.049	0.02
441876		960	163.5	367	0.002	2.66	1.63	5.4	5	1.1	240	1.03	0.45	1.43	0.484	1.32
441877		560	0.7	0.3	<0.002	0.07	0.13	0.7	1	<0.2	34.4	0.05	<0.05	0.20	0.018	<0.02
441878		80	<0.5	0.3	<0.002	0.06	0.09	0.2	<1	<0.2	13.0	<0.05	<0.05	0.07	<0.005	<0.02
441879		200	<0.5	0.2	<0.002	0.07	0.12	0.2	1	<0.2	20.3	<0.05	<0.05	0.06	<0.005	<0.02
441880		170	0.5	0.1	<0.002	0.06	0.16	0.2	<1	<0.2	33.4	<0.05	<0.05	0.06	<0.005	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170927

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441861		0.1	26	<0.1	1.7	23	1.1
441862		<0.1	25	<0.1	1.6	22	1.0
441863		0.1	284	0.3	0.3	106	4.7
441864		6.4	125	0.8	16.8	40	310
441865		13.3	130	1.5	43.1	50	>500
441866		0.1	262	2.7	5.2	237	39.1
441867		0.9	59	0.4	6.7	321	69.3
441868		0.2	244	5.0	3.5	263	39.9
441869		0.1	89	1.0	0.9	79	8.7
441870		0.3	299	3.9	2.6	298	53.9
441871		0.1	4	0.2	0.6	16	2.8
441872		0.1	95	2.3	0.9	93	12.3
441873		0.1	221	11.7	2.3	266	41.1
441874		0.1	225	3.7	1.7	272	36.7
441875		0.3	28	0.5	4.9	11	12.8
441876		0.7	59	0.6	7.3	216	78.9
441877		0.2	18	0.4	5.2	9	6.4
441878		0.1	7	0.2	2.6	5	2.7
441879		0.2	6	0.2	4.0	4	2.0
441880		0.2	7	0.2	4.9	4	1.8

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Projet: KAN

CERTIFICAT D'ANALYSE VO17170927

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.
Applique à la Méthode: TOUTES MÉTHODES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.
Applique à la Méthode: ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 3- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17170929

Projet: KAN

Bon de commande #: KAN- 021

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 3- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170929

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441801		2.27	0.007	0.06	1.50	0.3	10	0.17	0.10	0.04	0.03	15.35	6.3	11	0.15	183.0
441802		<0.02	0.009	0.05	1.39	<0.2	10	0.09	0.09	0.04	0.03	16.35	5.9	12	0.14	176.5
441803		1.82	0.007	0.05	0.63	<0.2	10	0.07	0.09	0.13	0.13	16.20	7.2	9	0.12	177.0
441804		4.25	0.008	0.05	3.60	0.4	100	0.83	0.06	0.61	0.22	20.9	5.0	21	0.74	132.5
441805		3.40	0.007	0.08	5.46	12.4	240	1.89	0.16	0.04	<0.02	43.5	3.4	118	2.12	47.3
441806		1.72	0.002	0.14	9.48	7.0	410	3.23	0.18	0.03	<0.02	60.8	0.7	224	4.08	39.3
441807		0.03	8.55	1.58	7.97	101.0	200	4.15	3.38	1.97	4.24	25.2	18.9	57	2.31	122.5
441808		3.82	0.002	0.15	8.10	4.5	350	2.61	0.14	0.02	<0.02	56.6	0.4	195	3.43	56.4
441809		3.76	0.001	0.10	8.84	1.4	450	3.64	0.15	0.01	<0.02	65.6	1.8	164	4.28	18.1
441810		3.23	0.001	0.13	9.97	1.0	510	3.44	0.13	0.01	<0.02	67.5	0.7	206	4.55	19.9
441811		0.09	<0.001	0.01	0.17	0.3	110	0.05	0.03	18.70	0.05	1.06	0.5	4	0.66	1.3
441812		2.27	0.003	0.16	10.65	4.1	560	3.68	0.16	0.02	0.04	64.7	1.6	186	4.78	87.2
441813		1.55	0.001	0.08	9.00	1.0	510	3.23	0.09	0.01	<0.02	52.0	1.0	43	3.93	14.9
441814		2.84	0.001	0.11	5.80	1.7	320	2.18	0.07	0.03	<0.02	41.5	0.7	33	2.48	21.7
441815		4.97	0.065	0.46	7.57	45.6	380	2.27	0.59	0.07	<0.02	28.2	4.5	141	3.25	55.4
441816		0.07	1.350	1.06	8.30	99.8	120	4.87	2.88	2.28	2.92	22.2	19.4	61	2.29	64.4
441817		2.57	0.064	0.65	6.37	99.9	310	1.99	0.64	0.02	<0.02	22.9	2.8	111	2.74	80.6
441818		2.88	0.053	0.58	9.61	52.0	480	3.01	0.37	0.01	<0.02	142.0	1.4	51	4.78	11.7
441819		4.61	0.112	1.57	8.11	173.0	400	2.18	1.04	0.02	<0.02	33.2	2.4	132	3.38	20.2
441820		2.80	0.017	0.14	8.93	60.0	420	2.48	0.16	0.01	<0.02	305	0.6	22	4.65	10.6

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170929

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441801		22.0	6.58	0.11	0.2	0.052	0.044	0.04	9.7	18.1	1.32	2920	1.23	0.04	0.3	33.7
441802		21.5	6.16	0.11	0.2	0.055	0.041	0.04	10.2	16.8	1.21	2680	0.80	0.04	0.3	30.2
441803		23.5	2.49	0.10	0.1	0.085	0.036	0.08	10.4	4.4	0.27	8700	1.40	0.11	0.2	50.2
441804		13.30	11.80	0.09	1.1	0.141	0.054	0.73	12.9	38.1	2.46	3830	4.71	0.06	4.0	58.4
441805		8.25	15.65	0.10	3.6	0.248	0.070	2.23	24.0	23.2	0.84	708	11.15	0.35	17.0	5.5
441806		6.06	26.8	0.13	5.3	0.384	0.119	3.97	33.8	33.0	0.79	313	24.5	1.22	30.2	1.9
441807		5.42	26.2	0.08	1.6	0.018	0.177	4.52	13.2	2.6	1.59	419	1.41	3.35	13.3	68.9
441808		5.46	23.3	0.12	4.8	0.426	0.123	3.30	31.8	29.6	0.88	194	21.4	1.00	29.0	1.9
441809		2.88	26.7	0.13	6.1	0.342	0.127	4.25	35.4	33.6	0.75	249	14.55	0.48	36.5	2.1
441810		2.88	28.5	0.13	5.4	0.313	0.132	4.89	37.0	36.3	0.84	196	12.95	0.47	34.9	2.1
441811		0.12	0.47	<0.05	0.1	<0.005	<0.005	0.08	0.6	11.3	13.85	303	0.16	0.02	0.5	0.3
441812		4.67	29.8	0.14	5.7	0.395	0.147	5.30	34.9	36.8	0.88	140	17.50	0.32	24.9	6.4
441813		3.74	25.7	0.11	5.0	0.315	0.110	4.55	28.9	31.8	0.72	218	11.00	0.11	19.0	2.5
441814		5.82	17.75	0.09	4.7	0.403	0.089	2.85	23.1	20.9	0.53	115	8.16	0.08	16.2	1.3
441815		18.15	24.6	0.23	4.9	0.711	0.105	3.45	14.0	30.8	0.54	99	41.1	0.61	5.4	2.6
441816		5.27	25.7	0.08	1.7	0.009	0.095	4.18	11.1	2.7	1.78	452	1.31	3.58	14.1	72.8
441817		18.20	21.3	0.19	4.4	1.290	0.094	2.81	11.9	22.3	0.42	89	25.7	0.62	4.1	1.3
441818		4.10	35.7	0.21	14.4	1.215	0.134	4.52	75.9	32.4	0.69	98	18.75	0.59	65.1	1.1
441819		4.81	27.1	0.15	5.3	2.55	0.108	3.62	18.2	25.2	0.52	97	35.3	0.87	15.7	1.3
441820		4.08	38.9	0.41	30.8	0.620	0.151	4.18	160.5	29.6	0.60	69	14.30	0.60	115.0	0.9

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QUEBEC QC G1K 7R1

Finalisée date: 3- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170929

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441801		510	3.5	1.7	0.002	0.36	0.13	2.0	5	<0.2	3.8	<0.05	0.61	0.45	0.009	0.06
441802		470	2.2	1.5	<0.002	0.35	0.13	1.8	4	<0.2	3.3	<0.05	0.62	0.48	0.009	0.06
441803		670	2.3	2.9	<0.002	0.54	0.13	1.4	4	<0.2	13.4	<0.05	0.54	0.35	<0.005	0.11
441804		370	1.8	29.5	0.002	2.09	0.19	5.9	2	1.5	25.3	0.33	0.28	1.77	0.044	0.98
441805		310	5.1	87.8	<0.002	0.37	0.96	15.2	3	2.9	18.2	1.08	0.44	3.35	0.225	2.42
441806		490	6.6	163.5	0.002	0.30	1.49	32.5	4	4.4	37.8	1.87	0.44	5.23	0.429	4.42
441807		870	191.0	470	0.003	3.16	1.84	5.5	4	1.2	243	0.88	0.72	1.32	0.463	1.86
441808		440	5.4	137.0	0.003	0.19	1.15	28.7	4	4.2	29.1	1.76	0.34	5.94	0.418	3.65
441809		220	6.2	178.0	<0.002	0.08	1.10	29.9	3	5.6	27.2	2.59	0.30	4.42	0.475	4.84
441810		230	4.9	197.0	<0.002	0.12	1.07	32.7	2	4.4	27.3	2.08	0.29	4.37	0.524	5.29
441811		20	1.9	2.9	<0.002	<0.01	0.15	0.4	1	<0.2	139.5	<0.05	<0.05	0.08	0.009	0.15
441812		440	8.5	198.5	0.002	0.24	1.43	33.6	5	3.8	28.1	1.59	0.44	5.96	0.463	5.45
441813		270	4.9	181.0	<0.002	0.21	0.93	25.6	3	3.2	22.4	1.15	0.23	3.06	0.469	4.86
441814		490	4.8	114.0	<0.002	0.17	0.83	13.4	4	2.3	15.9	0.98	0.25	3.77	0.229	3.10
441815		220	46.3	143.5	0.004	0.39	20.2	22.9	49	3.1	32.3	0.32	2.94	1.62	0.148	4.11
441816		960	155.0	396	0.002	2.65	1.68	5.7	4	1.1	264	1.03	0.42	1.26	0.499	1.43
441817		290	56.9	119.5	0.002	0.32	17.20	19.0	34	2.4	23.5	0.25	4.12	2.04	0.114	3.50
441818		330	43.5	185.5	0.003	0.13	12.25	20.0	12	4.6	32.7	4.77	1.68	9.77	0.475	5.50
441819		110	78.1	149.5	0.002	0.15	29.3	27.8	28	3.3	29.2	1.03	5.38	2.12	0.296	4.61
441820		430	21.6	169.5	0.002	0.27	5.06	14.3	8	6.0	30.9	9.49	1.43	16.05	0.396	4.95

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17170929

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441801		0.4	66	0.1	4.1	98	9.2
441802		0.3	61	0.1	4.1	90	8.9
441803		0.2	24	0.1	6.0	47	6.6
441804		1.5	154	0.8	6.2	125	48.7
441805		4.1	140	1.0	7.8	34	148.5
441806		6.7	241	1.9	12.0	31	216
441807		0.9	58	0.5	6.2	338	68.6
441808		6.2	215	1.8	10.2	39	192.5
441809		5.3	233	2.0	11.6	23	240
441810		5.9	262	2.1	11.6	44	231
441811		0.3	4	0.2	0.6	14	3.0
441812		7.8	242	2.0	10.8	46	231
441813		5.2	189	1.9	9.5	27	197.0
441814		5.5	121	1.1	8.8	27	187.0
441815		2.5	231	1.7	5.7	45	158.5
441816		0.6	62	0.6	6.1	234	72.1
441817		2.3	182	1.4	5.1	24	153.5
441818		5.4	225	1.7	20.5	16	>500
441819		2.1	251	1.5	6.1	10	149.0
441820		7.7	154	1.3	46.8	24	>500

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CERTIFICAT D'ANALYSE VO17170929

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 3- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17171006

Projet: KAN

Bon de commande #: KAN- 022

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17171006

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441821		3.36	0.077	0.22	8.17	45.1	350	2.09	0.24	0.03	<0.02	100.0	2.6	24	3.87	49.7
441822		<0.02	0.010	0.20	7.99	42.5	350	2.03	0.22	0.02	0.02	96.4	2.4	24	3.71	45.8
441823		3.36	0.014	0.21	10.35	36.1	530	2.92	0.33	0.02	<0.02	138.0	1.6	21	5.64	16.3
441824		4.53	0.014	0.15	8.64	18.0	380	2.07	0.15	0.04	<0.02	133.0	0.6	33	3.97	14.5
441825		2.93	0.004	0.20	9.57	4.5	510	2.99	0.05	0.04	<0.02	148.0	0.6	147	4.98	10.2
441826		2.57	0.003	0.25	7.89	3.6	320	2.10	0.07	0.02	0.07	100.0	2.8	43	3.40	111.0
441827		0.05	8.32	1.67	7.86	99.1	190	3.92	3.48	1.95	4.60	26.2	19.2	56	2.39	122.0
441828		2.57	0.006	0.24	7.75	8.3	300	1.95	0.05	0.05	0.09	98.6	5.8	24	3.24	109.0
441829		3.03	0.002	0.11	8.36	19.5	260	1.84	0.06	0.15	0.44	103.0	11.4	18	2.93	123.0
441830		3.06	0.003	0.23	7.48	20.2	300	1.75	0.10	0.02	0.22	94.5	7.1	27	3.19	192.5
441831		0.14	<0.001	<0.01	0.10	0.5	340	0.06	0.03	18.20	0.04	3.15	0.6	1	0.36	2.3
441832		4.86	<0.001	0.15	6.61	38.5	260	1.69	0.12	0.05	0.15	74.2	7.6	38	2.66	139.0
441833		4.93	0.003	0.21	7.32	16.8	300	1.96	0.15	0.05	0.14	62.8	6.0	39	2.95	186.5
441834		2.94	0.002	0.19	7.38	13.0	260	1.79	0.11	0.06	0.72	104.0	9.9	26	2.81	178.0
441835		2.95	0.003	0.14	8.25	10.1	320	1.99	0.10	0.04	0.96	170.5	11.7	22	3.39	129.5
441836		0.11	1.345	1.07	7.92	104.5	120	5.04	2.63	2.19	2.46	23.5	19.1	60	2.37	60.6
441837		4.07	0.006	0.20	7.37	60.9	310	2.16	0.28	0.03	0.30	105.5	4.9	41	3.51	99.3
441838		2.80	0.001	0.04	1.04	0.6	30	0.18	0.03	0.01	<0.02	23.4	1.6	14	0.29	83.1
441839		1.94	<0.001	0.05	1.02	1.1	10	0.12	0.04	0.02	0.10	9.23	6.4	8	0.23	135.5
441840		2.15	<0.001	0.03	0.75	1.1	10	0.09	0.03	0.01	0.03	5.45	5.5	10	0.21	87.2

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CERTIFICAT D'ANALYSE VO17171006

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441821		7.25	29.3	0.20	7.7	0.470	0.119	3.45	55.1	29.3	0.92	147	14.65	0.62	26.0	4.9
441822		6.85	28.0	0.20	7.3	0.489	0.119	3.42	52.7	28.5	0.89	151	13.95	0.60	25.9	4.4
441823		4.56	36.1	0.24	9.2	0.413	0.135	5.03	76.0	33.3	0.75	71	12.70	0.41	41.2	1.1
441824		3.68	29.1	0.21	9.7	0.261	0.108	3.60	72.1	27.3	0.81	117	11.60	1.01	55.6	1.2
441825		2.16	31.4	0.24	10.5	0.197	0.128	4.83	80.1	31.0	0.72	75	13.10	0.18	68.1	0.7
441826		8.34	27.1	0.21	7.1	0.271	0.120	3.08	56.5	27.0	0.92	223	21.6	0.90	29.7	10.2
441827		5.28	26.5	0.11	1.7	0.016	0.187	4.37	13.8	2.4	1.57	412	1.59	3.22	13.6	69.4
441828		9.90	25.5	0.23	6.7	0.210	0.098	2.96	54.0	27.7	1.17	233	14.50	0.82	21.3	8.8
441829		9.15	25.4	0.23	6.3	0.174	0.104	2.51	56.3	27.6	1.31	259	11.15	1.86	23.8	43.1
441830		10.25	24.9	0.21	6.6	0.233	0.113	2.86	50.4	24.8	0.92	173	18.35	0.84	16.3	19.0
441831		0.15	0.35	<0.05	0.1	<0.005	<0.005	0.04	1.5	11.7	11.65	276	0.16	0.02	0.3	<0.2
441832		11.05	23.2	0.15	5.8	0.246	0.112	2.43	40.4	22.1	0.76	135	14.00	0.97	25.2	9.1
441833		11.65	25.1	0.16	6.5	0.344	0.107	2.74	33.0	24.7	0.94	180	14.30	0.92	21.0	13.1
441834		13.40	24.4	0.20	9.7	0.285	0.120	2.44	53.8	22.1	0.85	207	11.65	1.28	28.6	53.1
441835		9.67	28.3	0.23	12.0	0.257	0.130	2.98	89.5	24.7	0.88	209	11.90	1.25	46.1	52.3
441836		5.07	25.7	0.07	1.8	0.007	0.106	3.98	11.6	2.5	1.70	431	1.36	3.42	14.6	71.6
441837		10.40	25.1	0.22	7.7	0.349	0.119	2.77	58.5	24.2	0.68	173	19.40	1.09	45.6	19.9
441838		5.58	4.30	0.09	1.1	0.067	0.037	0.28	13.7	9.9	0.49	216	2.29	0.02	4.1	3.8
441839		8.72	4.25	0.09	0.2	0.091	0.058	0.23	5.5	11.1	0.45	483	0.65	0.06	0.6	19.6
441840		6.89	3.15	0.07	0.1	0.059	0.037	0.21	3.4	7.2	0.28	1180	0.72	0.03	0.6	19.5

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171006

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441821		920	19.3	144.0	0.004	0.26	3.48	20.3	7	2.9	29.6	1.48	1.03	7.80	0.476	4.04
441822		870	17.6	138.0	0.002	0.25	3.37	19.2	7	2.9	27.6	1.47	1.08	7.04	0.491	3.85
441823		940	23.1	206	0.002	0.20	4.58	34.7	4	3.7	37.6	2.32	1.37	5.32	1.100	5.65
441824		540	10.6	149.0	0.002	0.13	2.05	19.6	4	3.1	36.3	3.46	0.53	8.46	0.606	4.10
441825		610	6.5	198.0	0.003	0.19	1.17	27.8	4	4.0	33.0	4.61	0.17	10.20	0.656	5.49
441826		650	8.4	130.0	0.003	0.22	1.50	17.1	9	2.7	34.6	1.52	0.33	9.51	0.381	3.74
441827		830	178.5	470	0.003	3.01	2.07	5.7	4	1.2	238	0.90	0.82	1.51	0.444	1.90
441828		900	6.3	121.0	0.002	0.36	1.14	18.4	6	2.4	30.8	1.35	0.22	6.07	0.421	3.29
441829		1340	6.5	105.5	0.015	1.78	1.13	21.9	6	2.3	42.2	1.31	0.29	5.23	0.646	2.82
441830		710	8.5	119.0	0.005	0.38	1.47	17.1	7	2.4	28.0	0.87	0.35	9.01	0.281	3.35
441831		30	1.3	1.9	<0.002	0.01	0.17	0.3	1	<0.2	214	<0.05	<0.05	0.18	0.008	0.09
441832		750	8.9	105.0	0.014	0.51	1.50	13.5	8	2.5	29.8	1.19	0.43	7.76	0.255	2.97
441833		870	13.3	114.5	0.003	0.29	1.82	14.6	7	2.7	29.5	1.08	0.47	8.91	0.251	3.27
441834		630	8.5	101.0	0.003	0.26	1.40	11.4	5	2.7	32.7	1.97	0.31	13.10	0.206	2.84
441835		860	8.5	122.0	0.009	0.79	1.15	12.2	5	3.5	35.6	3.17	0.28	13.80	0.290	3.41
441836		910	150.0	381	0.002	2.58	1.55	5.7	5	1.1	250	1.86	0.45	1.28	0.476	1.43
441837		510	15.6	129.5	0.014	0.27	2.67	14.6	4	3.1	32.7	2.14	0.90	10.55	0.327	3.39
441838		180	1.8	13.2	<0.002	0.07	0.16	2.1	3	0.2	3.2	0.34	0.23	1.43	0.040	0.43
441839		310	1.4	10.1	<0.002	0.12	0.12	1.3	3	0.2	12.5	<0.05	0.26	0.33	0.008	0.38
441840		150	1.0	9.1	<0.002	0.07	0.08	1.2	2	<0.2	6.6	<0.05	0.17	0.21	0.007	0.34

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Finalisée date: 3- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171006

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441821		10.7	179	1.7	18.0	64	295
441822		10.2	178	1.6	16.9	62	289
441823		10.7	222	3.1	24.1	22	344
441824		9.5	172	1.8	22.3	28	370
441825		10.2	200	2.4	22.2	16	402
441826		13.9	249	1.5	17.3	74	285
441827		0.9	56	0.6	6.4	342	71.7
441828		12.6	176	1.5	18.7	82	255
441829		18.6	163	2.0	22.6	139	242
441830		15.4	187	1.3	16.9	90	249
441831		0.2	2	0.3	1.6	10	3.4
441832		10.9	198	1.1	14.2	99	243
441833		14.3	216	1.2	15.6	86	263
441834		11.2	128	0.8	20.3	158	350
441835		15.3	106	1.0	29.7	167	453
441836		0.7	59	0.6	6.5	218	73.8
441837		14.5	203	1.5	21.4	126	343
441838		1.2	54	0.3	3.7	23	45.3
441839		0.3	37	0.1	3.0	47	8.6
441840		0.2	30	0.1	3.2	33	6.6

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CERTIFICAT D'ANALYSE VO17171006

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17171010

Projet: KAN

Bon de commande #: KAN- 023

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

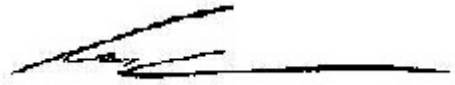
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171010

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441841		1.54	<0.001	0.04	1.04	0.7	20	0.13	0.04	0.01	<0.02	3.35	2.4	5	0.31	98.3
441842		<0.02	<0.001	0.03	0.95	0.7	20	0.09	0.04	0.01	<0.02	3.33	2.3	4	0.30	94.7
441843		3.11	<0.001	0.02	3.91	1.2	190	0.78	0.03	0.01	0.02	20.7	2.2	41	1.11	101.0
441844		3.69	<0.001	0.03	8.22	13.2	590	2.89	0.04	0.01	0.02	41.0	2.5	121	3.13	70.1
441845		4.39	<0.001	0.04	7.98	4.8	560	2.90	0.03	0.01	0.02	47.3	3.7	115	2.92	53.8
441846		2.54	<0.001	0.04	7.68	3.4	530	2.83	0.03	0.01	<0.02	48.1	0.7	110	2.83	48.2
441847		0.29	8.24	1.59	7.89	101.0	200	3.79	3.89	2.00	4.16	25.8	17.1	63	2.35	121.5
441848		4.02	<0.001	0.04	3.38	1.7	150	0.58	0.03	0.06	0.41	19.90	3.7	32	0.87	86.5
441849		3.34	<0.001	0.02	1.07	0.2	60	0.26	0.01	0.01	0.04	1.82	0.8	14	0.35	29.1
441850		3.19	<0.001	0.02	0.69	1.6	40	0.18	<0.01	0.01	<0.02	2.63	0.7	18	0.25	19.5
441851		0.41	<0.001	0.01	0.13	1.2	470	0.06	0.01	17.95	0.05	1.21	0.5	5	0.89	2.3
441852		1.56	<0.001	0.03	5.98	1.1	370	1.60	0.02	0.03	0.06	32.8	2.2	93	1.87	52.8
441853		1.73	0.003	0.06	9.12	0.7	660	2.93	0.19	0.01	<0.02	42.5	1.5	179	3.86	46.4
441854		2.56	<0.001	0.03	6.45	0.4	350	1.15	0.02	0.07	0.02	18.05	1.4	111	1.12	44.1
441855		2.33	<0.001	0.01	1.16	0.5	30	0.13	<0.01	0.24	0.04	1.37	1.9	26	0.16	11.0
441856		0.06	<0.001	0.15	0.11	<0.2	<10	<0.05	0.44	0.01	0.50	4.47	0.4	5	<0.05	19.1
441857		2.86	<0.001	0.17	0.06	0.4	<10	<0.05	0.63	0.02	0.06	9.14	1.2	7	<0.05	19.3
441858		4.13	<0.001	0.17	0.06	1.0	<10	<0.05	0.63	0.01	0.06	9.14	1.2	7	<0.05	18.6
441859		3.82	<0.001	0.02	4.76	1.2	260	1.16	0.03	0.01	<0.02	50.9	0.9	94	1.26	22.0
441860		2.79	<0.001	0.03	1.29	<0.2	40	0.18	0.02	0.02	0.03	4.35	1.9	7	0.38	124.0

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Projet: KAN

CERTIFICAT D'ANALYSE VO17171010

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441841		16.45	3.68	0.09	0.1	0.105	0.027	0.38	1.7	4.4	0.17	1320	2.00	0.04	0.2	15.9
441842		15.75	3.49	0.09	0.1	0.098	0.023	0.35	1.7	3.9	0.15	1280	1.89	0.03	0.2	16.1
441843		12.90	13.20	0.10	0.9	0.124	0.046	1.26	11.0	25.6	1.31	2160	2.92	0.06	2.1	9.1
441844		8.84	23.2	0.09	3.0	0.086	0.079	3.75	19.8	27.9	1.04	519	4.06	0.10	4.6	12.0
441845		7.87	21.8	0.12	2.5	0.090	0.065	3.70	24.1	25.4	0.94	323	4.87	0.10	5.7	9.5
441846		6.30	22.1	0.10	2.2	0.105	0.063	3.50	24.7	27.5	1.01	215	4.42	0.09	6.8	2.2
441847		5.48	25.0	0.14	1.6	0.016	0.179	4.57	12.6	2.7	1.59	423	1.48	3.33	13.1	63.3
441848		4.38	9.98	0.09	0.5	0.217	0.043	0.96	10.7	29.1	1.57	809	1.27	0.05	2.9	13.9
441849		1.54	3.51	0.06	0.1	0.113	0.015	0.37	1.0	7.5	0.34	108	0.39	0.02	0.3	3.1
441850		1.30	2.15	<0.05	0.1	0.083	0.008	0.23	1.5	5.2	0.23	92	0.35	0.02	0.3	2.2
441851		0.18	0.46	0.10	0.1	<0.005	<0.005	0.10	0.7	21.5	12.05	286	0.11	0.02	0.3	0.8
441852		6.43	17.35	0.08	1.9	0.109	0.053	2.19	15.6	30.8	1.66	519	3.03	0.12	6.2	5.3
441853		5.14	28.5	0.10	3.1	0.191	0.099	4.37	20.1	25.6	0.94	174	10.20	0.40	12.1	5.5
441854		5.88	16.85	0.10	1.6	0.058	0.062	1.27	8.8	53.0	3.30	500	4.32	1.01	2.8	6.0
441855		1.70	2.72	0.05	0.2	0.037	0.009	0.13	0.6	12.3	0.82	341	0.17	0.21	0.6	10.9
441856		1.70	0.58	0.06	<0.1	1.060	0.299	0.02	2.5	0.9	0.03	100	0.48	0.02	0.6	2.1
441857		2.62	0.35	0.06	0.1	1.085	0.481	0.01	5.3	0.6	0.02	143	0.84	0.01	0.9	1.3
441858		2.59	0.35	0.05	<0.1	1.080	0.471	0.01	5.3	0.6	0.02	143	0.87	0.01	0.9	1.2
441859		4.23	13.60	0.08	2.0	0.204	0.036	1.71	26.1	26.2	1.42	406	3.37	0.06	7.9	2.7
441860		12.00	4.57	0.07	<0.1	0.091	0.034	0.46	2.3	6.1	0.25	1670	0.32	0.03	0.2	23.4

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171010

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441841		210	0.7	12.9	<0.002	0.26	0.19	1.4	4	0.2	8.2	<0.05	0.44	0.17	0.005	0.51
441842		200	0.6	12.3	<0.002	0.26	0.19	1.3	4	0.2	7.9	<0.05	0.49	0.16	<0.005	0.48
441843		220	2.4	49.0	<0.002	0.20	0.22	5.9	3	0.7	11.1	0.13	0.36	2.57	0.060	1.61
441844		390	3.0	150.0	<0.002	0.16	0.43	27.6	3	2.2	18.1	0.30	0.47	5.71	0.343	3.82
441845		280	2.9	144.0	<0.002	0.18	0.36	18.5	2	2.0	16.1	0.37	0.41	7.47	0.273	3.66
441846		240	3.0	139.0	<0.002	0.09	0.33	14.3	3	2.1	15.3	0.45	0.34	7.81	0.233	3.41
441847		910	183.0	440	0.003	3.22	2.08	5.3	3	1.3	243	0.89	0.75	1.53	0.463	1.77
441848		170	1.9	35.2	<0.002	0.21	0.17	5.2	2	1.3	9.9	0.23	0.14	2.27	0.059	1.24
441849		140	0.6	14.0	<0.002	0.07	0.14	1.7	<1	1.4	4.2	<0.05	0.09	0.18	0.011	0.48
441850		130	0.6	8.8	<0.002	0.04	0.13	1.0	1	0.9	2.7	<0.05	0.12	0.19	0.008	0.29
441851		30	2.4	3.5	<0.002	0.02	0.17	0.2	<1	<0.2	127.0	<0.05	<0.05	0.15	0.010	0.16
441852		220	2.9	85.5	<0.002	0.07	0.30	14.0	2	2.0	14.1	0.39	0.31	5.26	0.184	2.38
441853		160	8.1	172.0	<0.002	0.11	1.78	25.5	3	5.2	23.5	0.76	0.81	5.10	0.339	4.34
441854		190	3.2	42.9	0.003	0.14	0.45	41.5	2	1.6	20.8	0.15	0.25	1.49	0.209	1.29
441855		120	0.6	4.5	<0.002	0.16	0.14	5.0	<1	0.4	8.1	<0.05	<0.05	0.08	0.074	0.18
441856		60	40.7	0.7	<0.002	0.14	0.07	0.2	1	0.3	1.4	<0.05	0.15	0.10	<0.005	0.02
441857		90	108.5	0.5	<0.002	0.05	0.13	0.2	2	0.2	1.1	<0.05	0.30	0.12	0.005	<0.02
441858		80	107.0	0.4	<0.002	0.05	0.12	0.2	2	0.2	1.1	<0.05	0.30	0.12	0.005	<0.02
441859		260	3.6	62.0	<0.002	0.07	0.29	10.7	1	0.8	11.2	0.52	0.34	6.02	0.163	1.79
441860		460	1.8	16.0	<0.002	0.18	0.13	1.8	3	<0.2	8.7	<0.05	0.28	0.13	0.005	0.64

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171010

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441841		0.1	32	0.1	3.0	38	3.5
441842		0.1	29	0.1	3.0	35	3.2
441843		1.4	152	0.9	3.6	86	36.2
441844		3.1	342	1.7	7.0	50	110.5
441845		4.0	271	1.5	6.1	38	92.2
441846		3.6	219	1.4	5.0	37	79.8
441847		0.8	60	0.5	6.3	358	69.8
441848		1.4	120	1.7	2.2	131	20.6
441849		0.1	41	0.2	0.5	22	3.4
441850		0.1	23	0.2	0.5	14	3.3
441851		0.2	2	0.2	0.8	11	2.5
441852		3.0	224	2.9	4.8	76	71.0
441853		2.9	268	2.2	5.3	31	121.5
441854		1.0	294	4.4	2.3	118	63.5
441855		0.1	48	1.5	1.1	36	6.8
441856		0.3	6	0.1	1.4	162	2.5
441857		0.5	5	0.1	3.0	99	3.3
441858		0.5	4	0.1	3.1	97	3.2
441859		3.0	186	1.2	5.3	55	76.7
441860		0.1	43	0.1	3.9	61	2.7

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CERTIFICAT D'ANALYSE VO17171010

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17171013

Projet: KAN

Bon de commande #: KAN- 025

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 14- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171013

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441881		4.31	<0.001	0.01	0.03	5.2	<10	0.26	0.02	0.97	<0.02	4.07	1.6	18	<0.05	2.7
441882		<0.02	<0.001	0.01	0.03	5.8	<10	0.29	0.01	0.95	<0.02	4.29	1.6	19	<0.05	2.6
441883		4.51	<0.001	0.02	0.17	35.6	<10	0.39	0.03	8.09	0.02	35.5	12.5	60	<0.05	6.3
441884		2.43	<0.001	0.01	0.05	22.4	<10	0.22	0.02	1.23	0.02	6.27	2.2	36	<0.05	3.4
441885		4.24	<0.001	<0.01	0.06	0.7	10	0.43	0.01	2.84	<0.02	7.11	1.3	14	<0.05	0.8
441886		5.57	<0.001	<0.01	0.02	7.0	<10	0.18	0.01	0.32	<0.02	2.05	1.1	30	<0.05	0.8
441887		0.05	8.25	1.73	8.03	98.5	210	4.02	3.57	2.02	4.15	27.0	19.9	60	2.29	118.5
441888		3.86	<0.001	0.01	0.03	5.5	10	0.41	0.02	0.76	<0.02	4.29	1.4	14	<0.05	1.2
441889		3.45	0.001	0.01	0.06	10.9	10	0.32	0.02	0.76	0.02	5.71	2.7	13	0.05	1.7
441890		5.31	<0.001	0.01	0.21	1.1	20	0.68	0.01	1.70	0.02	7.30	3.9	11	0.08	1.8
441891		0.19	0.003	0.01	0.06	0.7	40	<0.05	0.03	20.2	0.04	1.20	0.6	3	0.38	2.6
441892		3.65	<0.001	0.02	0.39	0.3	10	0.54	0.02	2.64	0.02	10.30	6.6	21	<0.05	6.7
441893		4.72	<0.001	0.01	0.23	1.2	10	0.38	0.01	2.29	<0.02	6.38	3.2	15	<0.05	1.8
441894		6.23	<0.001	0.01	0.02	2.5	10	0.48	0.01	1.13	<0.02	6.99	1.3	13	<0.05	1.1
441895		4.29	<0.001	0.01	0.03	3.7	10	0.40	0.01	0.80	<0.02	5.47	1.6	17	<0.05	1.3
441896		0.10	1.325	1.11	8.10	101.0	120	4.75	2.93	2.28	2.58	25.4	20.2	63	2.33	60.9
441897		2.11	0.002	0.03	0.08	78.3	10	0.69	0.03	6.26	<0.02	14.45	4.8	6	0.05	3.5
441898		1.78	<0.001	0.01	0.06	6.6	10	0.76	0.01	7.52	<0.02	8.60	2.3	4	<0.05	1.6
441899		1.91	<0.001	0.01	0.03	4.1	<10	0.21	0.01	2.94	<0.02	3.58	1.2	7	<0.05	1.3
441900		2.90	<0.001	<0.01	0.03	3.9	10	0.34	0.01	0.34	<0.02	2.80	1.3	15	<0.05	1.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171013

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441881		12.65	0.29	0.06	<0.1	0.033	<0.005	<0.01	2.3	3.7	1.84	1960	0.37	<0.01	0.2	5.8
441882		12.65	0.31	0.06	<0.1	0.033	<0.005	<0.01	2.4	3.5	1.84	1960	0.37	<0.01	0.2	6.0
441883		14.00	1.60	0.11	0.6	0.025	0.009	<0.01	21.5	7.1	3.88	2970	0.42	<0.01	4.3	45.1
441884		14.40	0.44	0.07	0.1	0.041	<0.005	<0.01	3.3	3.5	1.72	2300	0.36	<0.01	1.1	17.0
441885		13.80	0.51	0.06	<0.1	0.008	<0.005	0.01	4.2	4.3	2.59	2600	0.21	<0.01	0.4	3.6
441886		10.85	0.21	0.05	<0.1	0.050	<0.005	<0.01	1.1	2.7	1.32	1680	0.18	<0.01	0.2	3.6
441887		5.56	25.8	0.12	1.6	0.017	0.173	4.66	12.8	4.6	1.67	425	1.54	3.45	13.9	71.2
441888		13.15	0.27	0.07	<0.1	0.018	<0.005	0.01	2.5	2.8	1.53	2410	0.31	<0.01	0.2	4.7
441889		13.45	0.45	0.07	<0.1	0.014	<0.005	0.02	3.4	3.3	1.62	2680	0.44	<0.01	0.3	6.2
441890		19.80	1.39	0.08	0.2	0.010	<0.005	0.04	3.6	5.8	2.61	6810	0.25	<0.01	1.8	5.5
441891		0.31	0.21	0.12	<0.1	0.006	<0.005	0.04	0.6	10.9	13.25	344	0.13	0.03	0.1	0.7
441892		17.50	2.34	0.08	0.3	0.013	0.009	0.02	5.3	6.3	2.18	7600	0.40	<0.01	2.6	9.4
441893		15.15	1.40	0.06	0.1	0.008	<0.005	0.01	3.4	5.2	2.33	5000	0.29	<0.01	1.4	5.9
441894		17.10	0.27	0.07	<0.1	0.010	<0.005	0.01	4.1	2.3	2.57	3010	0.22	<0.01	0.2	4.3
441895		15.45	0.30	0.06	<0.1	0.010	<0.005	0.01	3.2	2.2	2.29	2530	0.32	<0.01	0.4	4.4
441896		5.33	25.5	0.12	1.7	0.008	0.121	4.24	11.6	3.8	1.78	445	1.44	3.69	15.3	73.9
441897		23.4	0.68	0.10	0.1	0.024	<0.005	0.02	8.4	3.4	1.98	4260	1.23	0.01	0.3	14.2
441898		17.85	0.45	0.07	<0.1	0.015	<0.005	0.02	4.8	3.8	3.64	3420	0.27	<0.01	0.4	5.1
441899		11.10	0.29	0.05	<0.1	0.015	<0.005	0.01	2.1	2.2	1.52	1960	0.20	<0.01	0.2	6.1
441900		13.60	0.24	0.07	<0.1	0.021	<0.005	0.01	1.7	1.7	1.32	2260	0.30	<0.01	0.2	3.4

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CERTIFICAT D'ANALYSE VO17171013

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441881		220	<0.5	0.1	<0.002	0.15	0.13	0.1	<1	<0.2	9.5	<0.05	<0.05	0.05	<0.005	<0.02
441882		230	<0.5	0.1	<0.002	0.15	0.14	0.1	<1	<0.2	9.1	<0.05	<0.05	0.06	<0.005	<0.02
441883		1220	1.1	0.2	<0.002	0.09	0.17	1.7	1	<0.2	75.2	0.20	<0.05	1.16	0.056	<0.02
441884		250	0.6	0.1	<0.002	0.14	0.22	0.3	<1	<0.2	11.5	0.06	<0.05	0.36	0.014	<0.02
441885		70	<0.5	0.6	<0.002	0.04	0.08	0.2	<1	<0.2	23.0	<0.05	<0.05	0.09	<0.005	0.02
441886		100	<0.5	0.2	<0.002	0.02	0.08	0.1	<1	<0.2	4.3	<0.05	<0.05	0.04	<0.005	<0.02
441887		910	202	444	0.003	3.42	1.95	5.3	4	1.2	247	0.92	0.79	1.50	0.481	1.83
441888		320	<0.5	0.5	<0.002	0.07	0.12	0.1	<1	<0.2	10.2	<0.05	<0.05	0.06	<0.005	<0.02
441889		470	<0.5	1.0	<0.002	0.09	0.11	0.2	<1	<0.2	11.1	<0.05	<0.05	0.10	<0.005	0.02
441890		240	<0.5	1.8	<0.002	0.06	0.11	0.6	<1	<0.2	15.8	0.09	<0.05	0.28	0.023	0.04
441891		30	2.0	1.4	<0.002	<0.01	0.12	0.2	1	<0.2	144.5	<0.05	<0.05	0.07	<0.005	0.06
441892		460	0.6	0.9	<0.002	0.13	0.11	1.3	1	<0.2	35.5	0.15	<0.05	0.46	0.056	<0.02
441893		260	<0.5	0.7	<0.002	0.07	0.12	0.5	<1	<0.2	35.9	0.07	<0.05	0.21	0.024	<0.02
441894		300	<0.5	0.3	<0.002	0.06	0.13	0.1	<1	<0.2	9.7	<0.05	<0.05	0.05	<0.005	<0.02
441895		310	<0.5	0.4	<0.002	0.11	0.12	0.1	<1	<0.2	7.8	<0.05	<0.05	0.06	<0.005	<0.02
441896		990	149.5	385	0.002	2.90	1.51	5.5	4	1.1	261	1.09	0.52	1.36	0.510	1.45
441897		810	1.4	1.1	<0.002	0.02	0.24	0.3	1	<0.2	50.7	<0.05	<0.05	0.14	<0.005	0.03
441898		150	0.8	0.8	<0.002	0.02	0.12	0.2	1	<0.2	53.0	<0.05	<0.05	0.08	<0.005	0.02
441899		60	<0.5	0.4	<0.002	0.02	0.14	0.1	<1	<0.2	20.5	<0.05	<0.05	0.04	<0.005	<0.02
441900		220	<0.5	0.4	<0.002	0.05	0.09	0.1	<1	<0.2	3.7	<0.05	<0.05	0.05	<0.005	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171013

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441881		0.1	5	0.2	2.8	5	1.5
441882		0.1	5	0.2	2.9	5	1.4
441883		0.5	18	0.9	13.6	8	29.8
441884		0.3	8	0.3	3.3	7	5.9
441885		0.1	10	0.1	3.9	5	2.0
441886		0.1	4	0.2	1.7	4	1.2
441887		0.9	62	0.5	6.2	344	71.5
441888		0.2	4	0.1	3.7	4	2.5
441889		0.2	5	0.2	4.0	6	2.8
441890		0.1	16	0.3	4.3	6	7.9
441891		0.2	1	0.2	0.5	10	1.0
441892		0.4	29	0.4	4.8	8	13.0
441893		0.2	17	0.3	4.0	6	6.2
441894		0.2	6	0.1	4.6	5	1.0
441895		0.2	6	0.1	4.0	4	2.1
441896		0.8	66	0.5	6.4	244	75.6
441897		0.6	10	0.2	9.5	6	3.2
441898		0.3	9	0.1	7.0	5	1.9
441899		0.1	5	0.1	3.0	3	1.2
441900		0.1	4	0.1	2.7	4	1.3

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CERTIFICAT D'ANALYSE VO17171013

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 21d	
LOG- 23	PUL- 31	PUL- 31d	PUL- QC	
SPL- 21	SPL- 21d	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17171021

Projet: KAN

Ce rapport s'applique aux 110 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
407466		1.35	0.001	0.03	0.48	1.2	130	0.14	0.10	0.62	0.03	2.23	1.7	14	10.55	8.6
407467		1.57	0.002	0.09	1.14	2.1	110	0.89	0.25	0.40	0.04	16.50	2.7	20	2.73	22.8
407468		1.41	0.004	0.07	1.59	1.3	140	0.52	0.12	0.19	0.13	22.2	4.2	24	5.82	28.1
407469		1.63	0.004	0.07	1.94	1.4	160	0.57	0.13	0.07	0.09	5.99	3.1	29	5.29	47.3
407470		1.16	0.008	0.32	3.37	2.9	340	1.33	0.70	0.03	0.03	14.60	1.4	37	1.63	61.9
407471		1.76	0.008	0.07	1.79	0.9	90	1.01	0.07	2.07	0.26	2.16	5.7	17	2.15	51.7
407472		1.31	3.59	0.27	1.82	1.2	230	0.66	0.19	0.06	0.04	4.18	2.7	23	5.69	121.5
407473		1.55	0.098	0.23	1.78	7.7	190	0.77	0.20	0.09	0.06	10.55	3.4	26	6.26	60.5
407474		0.96	<0.001	0.01	3.79	0.3	340	0.91	0.04	5.51	0.04	19.85	2.8	11	1.75	3.6
407475		1.34	<0.001	0.14	1.03	0.4	90	0.31	0.52	6.05	0.05	8.08	1.7	16	0.45	3.9
407476		1.36	<0.001	0.04	0.55	1.0	40	0.14	0.14	5.31	0.04	7.52	1.4	19	0.19	3.7
407477		1.02	0.003	0.25	5.48	1.1	630	1.60	0.23	0.77	0.20	37.7	6.8	41	3.68	46.3
407478		1.76	0.002	0.01	0.26	1.3	10	0.16	0.02	6.29	0.04	7.96	0.8	20	0.08	1.1
407479		1.13	<0.001	0.16	0.10	0.6	20	0.15	0.43	0.48	0.03	2.22	0.8	19	0.64	7.6
407480		0.20	0.004	0.01	0.61	0.8	240	0.10	0.04	17.20	0.06	1.00	0.5	3	0.87	3.6
442917		0.88	<0.001	0.02	0.95	1.5	60	0.25	0.06	0.09	0.02	7.60	1.3	23	0.62	4.2
442918		0.76	<0.001	0.04	8.58	0.6	690	1.95	0.13	0.05	<0.02	16.25	5.1	91	6.48	17.3
442919		1.48	<0.001	0.03	7.49	4.8	60	0.20	0.05	8.10	0.08	4.44	34.7	88	0.28	38.1
442920		1.48	0.003	0.05	6.44	2.9	120	0.31	0.05	6.26	0.10	11.35	51.7	5	0.89	187.5
442921		1.03	<0.001	0.02	7.46	0.6	740	1.91	0.06	0.84	0.03	70.5	6.8	36	5.78	12.0
442922		0.69	0.002	0.02	8.81	<0.2	20	0.28	0.03	7.32	0.08	7.41	33.2	476	0.11	41.1
442923		1.07	<0.001	0.02	9.09	12.0	750	2.11	0.05	0.13	<0.02	54.5	12.6	65	2.63	16.8
442924		0.99	<0.001	0.06	5.24	4.5	320	1.14	0.18	0.60	0.02	50.2	8.9	61	1.13	9.3
442925		0.03	NSS	1.07	7.86	104.5	120	4.95	2.83	2.19	2.67	24.7	17.9	60	2.64	57.8
442926		0.80	0.002	0.08	7.86	0.3	720	1.76	0.08	0.01	<0.02	10.60	0.7	70	3.14	10.3
442927		0.58	<0.001	0.02	7.55	139.5	900	1.54	0.03	6.64	0.43	10.45	38.7	152	1.83	29.6
453401		0.91	<0.001	0.01	6.02	1.1	490	1.76	0.04	3.19	0.09	61.1	11.8	45	5.37	0.8
453402		1.08	<0.001	0.03	1.67	0.4	120	0.64	0.03	0.29	0.29	27.4	6.1	20	4.24	15.6
453403		1.12	0.013	0.01	2.14	0.7	250	1.73	0.06	0.82	0.09	44.1	14.3	16	4.96	2.5
453404		0.90	<0.001	0.01	6.13	0.3	680	1.72	0.03	1.72	0.06	68.2	15.9	50	5.61	1.7
453405		0.80	0.001	0.01	8.57	1.4	1360	1.44	0.24	0.03	<0.02	2.95	23.0	63	2.50	16.2
453406		0.57	0.001	0.04	7.49	1.1	1000	1.48	0.19	0.26	<0.02	54.5	9.3	61	4.86	56.7
453407		0.95	0.005	0.02	0.05	2.4	10	<0.05	0.03	0.01	<0.02	0.36	0.5	18	<0.05	3.5
453408		0.72	0.308	0.27	2.04	0.6	210	0.54	0.18	0.38	0.12	36.7	14.8	22	9.48	121.0
453409		0.72	<0.001	0.01	0.05	1.1	10	<0.05	0.04	0.01	<0.02	0.29	1.6	23	0.43	11.1
453410		0.96	<0.001	0.06	3.23	0.9	430	0.71	0.09	0.37	<0.02	22.0	10.2	27	9.69	67.5
453411		1.31	<0.001	<0.01	1.11	0.4	140	0.73	0.03	0.42	<0.02	11.55	7.1	15	4.41	4.2
453412		0.85	0.007	0.09	8.85	0.3	590	2.83	0.63	0.27	0.20	31.1	32.7	82	10.60	2.9
453413		0.68	<0.001	0.03	3.70	0.6	40	0.39	0.06	0.81	0.04	9.38	4.2	22	1.13	8.1
453414		1.38	<0.001	0.06	0.65	1.1	10	0.10	0.14	0.53	0.05	5.87	1.4	38	0.17	8.3

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Finalisée date: 2- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
407466		4.64	1.20	0.05	0.1	0.005	0.025	0.19	1.2	2.0	0.32	796	0.67	0.02	0.3	4.9
407467		10.05	3.03	0.07	0.4	<0.005	0.018	0.25	9.5	7.8	0.98	782	0.51	0.26	1.9	7.8
407468		14.50	4.29	0.08	0.4	<0.005	0.031	0.53	12.2	14.3	1.21	1330	1.21	0.10	2.0	9.5
407469		16.75	5.07	0.06	0.6	<0.005	0.036	0.49	3.4	11.8	1.45	1160	0.50	0.28	2.2	5.9
407470		11.60	9.79	0.07	2.0	<0.005	0.061	2.10	9.8	32.4	0.96	1160	1.99	0.05	6.4	3.6
407471		19.35	3.05	0.07	0.4	<0.005	0.023	0.19	1.0	6.1	1.56	4260	0.55	1.16	1.7	6.2
407472		21.6	5.44	0.07	0.6	<0.005	0.031	0.29	2.4	4.9	0.74	896	0.28	0.67	2.8	3.3
407473		17.20	5.62	0.07	0.6	<0.005	0.029	0.37	5.7	7.9	1.19	1100	0.41	0.27	2.9	6.7
407474		1.57	8.38	0.07	2.8	<0.005	0.019	1.55	9.7	20.9	4.64	1000	0.19	1.10	1.2	6.1
407475		0.94	2.36	0.05	0.3	<0.005	0.008	0.41	4.4	6.1	0.85	442	0.27	0.30	0.5	3.5
407476		0.87	1.30	<0.05	0.2	0.008	0.005	0.16	4.3	3.7	0.55	297	0.33	0.12	0.3	3.4
407477		5.45	13.75	0.09	2.3	<0.005	0.030	2.66	21.1	44.5	2.05	159	5.54	0.66	2.4	17.6
407478		0.92	0.42	0.06	0.1	0.005	0.010	0.04	4.3	3.2	3.40	490	0.26	0.15	0.2	1.6
407479		2.26	0.29	<0.05	<0.1	0.005	<0.005	0.03	1.0	0.6	0.09	671	0.30	<0.01	0.2	1.7
407480		0.20	1.30	0.15	0.5	<0.005	<0.005	0.51	0.5	22.4	13.25	290	0.14	0.16	0.6	0.6
442917		0.99	1.90	0.08	1.4	<0.005	0.007	0.31	3.8	4.2	0.12	163	0.36	0.26	0.9	3.9
442918		4.47	21.5	0.10	3.2	<0.005	0.059	4.09	7.6	44.1	1.10	161	0.77	1.23	8.7	10.3
442919		6.31	13.75	0.08	0.5	<0.005	0.046	0.28	1.8	10.1	4.90	1280	0.18	1.44	1.4	81.5
442920		12.30	18.10	0.07	1.3	<0.005	0.079	0.60	4.5	17.6	2.50	1840	0.44	0.65	3.8	13.4
442921		4.57	18.00	0.12	4.1	<0.005	0.029	3.55	36.4	50.8	2.20	676	0.23	1.24	7.7	14.3
442922		6.56	16.40	0.09	0.8	0.011	0.058	0.06	2.8	14.6	4.28	1180	0.18	2.42	2.5	107.0
442923		4.25	22.8	0.12	1.9	<0.005	0.046	4.40	18.3	32.2	1.32	442	0.24	0.17	9.9	42.7
442924		3.72	13.05	0.11	1.9	0.010	0.021	1.95	25.0	19.9	1.08	648	0.39	0.14	5.6	20.1
442925		5.07	24.3	0.13	1.7	0.008	0.090	4.07	11.3	2.7	1.68	451	1.83	3.47	14.7	66.2
442926		2.09	19.00	0.11	4.9	0.017	0.039	4.71	6.7	40.1	0.94	64	2.18	0.05	6.4	1.6
442927		5.06	18.55	0.12	1.7	0.029	0.088	4.20	4.0	22.4	2.53	1280	0.17	0.06	3.6	89.4
453401		6.13	15.45	0.14	4.3	<0.005	0.031	3.02	33.4	52.6	2.54	746	0.15	0.71	6.6	22.1
453402		25.0	5.60	0.13	0.6	<0.005	0.028	0.17	15.6	6.6	1.17	2960	0.09	0.68	2.9	11.1
453403		22.0	6.79	0.09	1.1	0.006	0.032	0.46	19.6	11.5	0.95	6510	0.12	0.53	3.6	11.1
453404		4.16	16.30	0.12	3.5	<0.005	0.039	2.71	34.6	55.7	2.21	6140	0.07	1.74	7.2	25.5
453405		7.90	22.8	0.09	3.3	<0.005	0.072	3.68	1.0	42.9	1.76	1960	0.14	0.14	10.9	35.9
453406		4.75	19.90	0.13	4.9	<0.005	0.064	4.15	29.0	60.6	1.98	1580	0.11	0.49	10.3	35.1
453407		1.47	0.20	0.06	<0.1	<0.005	<0.005	0.02	<0.5	0.5	0.02	189	0.29	0.02	0.1	1.8
453408		27.9	5.22	0.64	0.8	<0.005	0.034	0.28	20.5	15.2	1.95	4320	0.13	0.10	2.2	20.3
453409		1.43	0.27	<0.05	<0.1	0.005	<0.005	0.02	<0.5	0.9	0.02	112	0.36	<0.01	0.1	4.6
453410		25.0	8.27	0.11	1.9	<0.005	0.027	0.44	17.0	24.8	2.79	3290	0.21	0.02	4.7	9.5
453411		13.90	2.99	0.06	0.5	<0.005	0.010	0.22	9.2	12.4	1.01	1850	0.25	0.15	1.0	10.4
453412		20.8	24.1	0.70	6.5	0.005	0.098	1.96	12.3	85.4	3.41	9390	2.66	0.69	25.6	55.7
453413		14.30	10.40	0.05	0.6	<0.005	0.041	0.07	5.6	15.6	1.84	1070	0.50	0.01	1.8	11.8
453414		3.74	1.90	<0.05	0.2	0.006	<0.005	0.02	3.5	2.9	0.38	437	0.33	<0.01	0.5	4.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
407466		110	9.9	8.4	<0.002	0.04	0.36	0.5	<1	0.2	23.2	<0.05	0.05	0.40	0.007	0.02
407467		800	15.0	13.6	<0.002	0.47	0.31	2.3	1	0.8	54.2	0.17	0.25	2.52	0.047	0.16
407468		970	7.3	38.9	<0.002	0.05	0.37	2.8	1	0.7	19.7	0.16	0.11	2.33	0.049	0.37
407469		270	6.8	38.0	<0.002	0.13	0.47	3.4	1	0.8	30.0	0.24	0.16	3.03	0.050	0.34
407470		210	17.5	104.5	0.003	0.84	0.40	6.4	2	1.7	23.9	0.52	0.39	8.11	0.148	0.93
407471		780	10.7	11.0	<0.002	0.10	0.19	3.0	1	0.4	166.0	0.18	0.09	1.08	0.039	0.10
407472		230	9.4	19.9	<0.002	0.38	0.20	2.5	2	0.7	46.2	0.25	0.49	2.45	0.059	0.14
407473		310	12.6	23.9	<0.002	0.29	0.21	3.2	1	0.8	59.8	0.23	0.29	3.99	0.069	0.20
407474		100	6.3	64.4	<0.002	0.02	0.10	3.4	<1	0.6	114.5	0.07	<0.05	4.13	0.089	0.26
407475		40	60.3	16.7	<0.002	0.03	0.13	1.3	<1	0.2	160.5	<0.05	0.15	1.41	0.026	0.08
407476		30	16.9	6.1	<0.002	0.06	0.19	0.6	<1	<0.2	124.5	<0.05	0.05	0.76	0.012	0.03
407477		230	35.0	94.0	0.002	0.12	0.58	6.4	2	1.0	31.7	0.14	0.25	9.83	0.150	0.52
407478		100	1.3	1.4	<0.002	<0.01	0.16	1.3	<1	<0.2	57.5	<0.05	<0.05	0.43	0.006	<0.02
407479		770	37.8	1.6	<0.002	0.04	0.19	0.2	<1	<0.2	13.9	<0.05	0.22	0.21	<0.005	<0.02
407480		30	1.6	9.2	<0.002	0.07	0.10	0.2	<1	<0.2	129.0	0.05	<0.05	1.48	0.017	0.23
442917		120	6.2	15.4	<0.002	0.01	0.18	1.0	<1	0.2	17.5	0.07	<0.05	2.17	0.038	0.07
442918		250	12.5	201	<0.002	0.10	0.36	13.5	<1	1.9	43.2	0.72	<0.05	16.10	0.366	0.93
442919		140	2.9	9.3	<0.002	<0.01	0.38	41.5	<1	0.4	131.5	0.09	<0.05	0.27	0.295	0.04
442920		350	3.1	25.5	0.004	0.21	0.29	48.2	1	0.8	127.0	0.25	0.08	0.57	0.962	0.10
442921		160	16.9	128.5	<0.002	0.04	0.10	6.8	<1	1.2	63.1	0.59	0.05	13.70	0.252	0.61
442922		270	2.5	1.3	<0.002	0.01	1.70	39.1	<1	0.5	129.0	0.16	<0.05	0.29	0.507	<0.02
442923		480	6.5	162.0	<0.002	0.01	0.29	11.9	1	1.7	20.2	0.71	<0.05	12.75	0.323	0.66
442924		290	22.3	76.4	<0.002	0.01	0.30	6.5	1	0.9	18.5	0.41	0.06	7.03	0.192	0.27
442925		930	150.5	390	0.003	2.69	1.64	5.2	4	1.2	253	1.13	0.51	1.53	0.484	1.42
442926		130	11.9	126.5	<0.002	0.07	1.86	9.4	1	1.3	15.1	0.40	0.07	11.80	0.268	0.46
442927		430	4.3	67.5	<0.002	0.08	0.55	49.4	1	1.3	139.5	0.23	<0.05	0.32	0.735	0.44
453401		250	14.7	150.5	<0.002	<0.01	0.15	8.0	<1	1.3	243	0.48	<0.05	13.35	0.230	0.66
453402		140	6.3	8.3	<0.002	0.15	0.11	2.9	<1	0.9	82.4	0.21	<0.05	3.76	0.065	0.06
453403		330	9.1	23.8	<0.002	0.02	0.12	3.7	<1	1.3	86.8	0.34	<0.05	4.91	0.080	0.18
453404		410	9.0	112.5	<0.002	<0.01	0.12	9.0	<1	1.3	132.0	0.50	<0.05	13.30	0.311	0.45
453405		140	10.0	115.0	<0.002	0.42	0.15	21.3	<1	1.7	45.0	0.69	0.21	9.13	0.581	0.26
453406		270	8.1	158.0	<0.002	0.51	0.10	13.2	<1	1.6	44.9	0.79	0.19	10.75	0.412	0.70
453407		10	0.5	0.6	<0.002	0.07	0.11	0.1	<1	<0.2	3.2	<0.05	<0.05	0.05	<0.005	<0.02
453408		120	3.1	15.9	<0.002	2.29	0.25	4.0	2	0.6	37.7	0.35	0.22	5.32	0.030	0.12
453409		20	1.4	0.9	<0.002	0.20	0.14	0.1	<1	<0.2	0.8	<0.05	<0.05	0.07	<0.005	<0.02
453410		1910	4.2	17.9	<0.002	0.29	0.24	4.7	1	0.6	23.3	0.43	0.30	6.96	0.127	0.13
453411		720	3.0	11.4	<0.002	0.01	0.24	1.5	<1	0.3	26.3	0.08	<0.05	1.67	0.034	0.10
453412		170	24.1	48.5	0.004	0.01	0.19	17.5	1	4.1	76.1	1.61	0.27	12.00	0.463	0.77
453413		120	4.4	3.8	<0.002	0.05	0.15	3.6	<1	0.3	37.1	0.23	<0.05	2.81	0.047	0.03
453414		200	6.9	1.0	<0.002	0.03	0.17	1.0	<1	<0.2	21.3	<0.05	0.12	1.22	0.018	<0.02

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
407466		0.1	7	0.1	1.6	15	2.4
407467		0.4	16	0.2	6.4	39	14.4
407468		0.5	25	0.2	5.6	61	15.0
407469		0.4	29	0.2	2.3	73	21.4
407470		1.8	60	1.7	9.1	78	73.6
407471		0.4	17	0.1	7.9	61	17.5
407472		0.4	32	0.1	2.4	45	22.0
407473		0.7	37	0.2	3.7	55	24.8
407474		0.8	19	0.4	5.2	31	108.5
407475		0.2	6	0.1	13.2	9	12.6
407476		0.2	3	0.1	11.0	7	7.8
407477		3.0	149	0.6	6.7	65	85.3
407478		0.1	2	0.1	5.4	6	5.8
407479		0.1	1	<0.1	4.9	4	1.1
407480		0.6	3	0.2	0.8	19	15.7
442917		0.4	7	0.2	1.6	10	53.2
442918		2.1	80	1.9	6.8	100	117.0
442919		0.1	215	0.2	11.1	62	13.8
442920		0.2	673	0.2	24.4	124	45.2
442921		1.7	62	0.9	10.5	70	148.0
442922		0.1	277	0.2	17.4	67	24.3
442923		2.7	72	1.2	11.7	86	67.2
442924		1.3	38	0.4	9.1	43	69.8
442925		0.7	61	0.7	6.9	246	76.3
442926		3.6	117	0.9	7.1	28	176.0
442927		0.1	387	1.6	7.0	57	74.6
453401		1.6	48	1.2	12.9	76	170.5
453402		0.3	30	0.1	5.1	45	23.0
453403		0.9	33	0.1	10.9	56	42.0
453404		0.5	44	0.8	12.5	82	126.0
453405		0.8	97	3.6	7.2	80	122.5
453406		1.6	78	2.2	13.2	91	171.0
453407		<0.1	1	0.1	0.1	3	0.6
453408		0.7	26	0.1	6.3	60	33.0
453409		<0.1	1	0.1	0.3	2	0.5
453410		0.8	36	0.2	13.5	96	77.1
453411		0.3	23	0.1	6.7	32	17.8
453412		4.4	129	0.7	27.5	152	209
453413		0.7	47	0.1	3.0	86	15.7
453414		0.2	9	0.1	2.0	17	6.3

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CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
453415		0.94	<0.001	0.04	1.91	0.7	300	0.97	0.04	0.20	0.10	26.8	5.4	23	9.32	20.8
453416		0.76	0.005	0.03	1.66	0.5	80	0.99	0.07	0.51	0.13	21.6	7.5	21	1.32	27.4
453417		0.69	<0.001	0.19	3.70	0.3	280	0.63	0.03	0.03	0.05	13.85	9.1	40	10.25	100.5
453418		0.75	<0.001	0.76	0.45	1.2	10	0.09	0.68	0.07	0.23	3.12	1.3	28	0.48	7.4
453419		0.83	<0.001	0.05	7.37	0.3	560	2.74	0.04	0.28	<0.02	12.50	3.7	82	6.18	26.3
453420		0.71	<0.001	0.03	6.84	1.5	10	0.31	0.02	6.79	0.12	7.41	46.0	113	0.08	78.5
453421		0.08	1.295	1.08	7.94	98.5	120	5.16	2.88	2.24	2.71	24.2	17.8	65	2.58	60.4
453451		0.83	<0.001	0.02	1.11	0.4	<10	0.11	0.03	0.01	<0.02	8.45	0.8	13	0.43	37.0
453452		1.72	<0.001	0.01	0.25	2.0	10	1.12	0.01	0.17	0.04	7.16	4.2	10	2.20	0.7
453453		0.76	<0.001	0.02	0.46	5.6	10	0.71	0.07	0.08	0.04	10.15	11.3	11	1.45	31.4
453454		1.31	0.036	0.01	0.15	117.5	10	0.73	0.03	0.16	0.05	15.30	4.5	5	6.55	6.1
453455		0.82	<0.001	0.04	0.94	0.8	30	0.26	0.05	0.09	<0.02	6.69	3.0	102	0.35	36.6
453456		1.03	<0.001	0.38	8.31	53.2	210	0.81	0.14	0.01	<0.02	3.48	8.8	198	1.36	52.8
453457		1.26	0.008	0.44	7.32	97.4	300	1.23	0.18	0.02	<0.02	76.6	21.1	141	2.77	13.7
453458		1.15	0.005	0.03	0.22	1.0	10	0.10	0.01	0.34	0.02	19.45	0.9	28	0.08	8.6
453459		1.67	<0.001	0.01	0.17	8.6	10	1.00	0.03	1.20	0.17	16.95	5.0	7	4.60	7.0
453460		0.86	0.002	0.23	0.25	0.6	10	0.13	0.18	0.20	0.10	5.40	13.4	8	0.71	117.0
453461		0.88	<0.001	0.09	0.40	2.2	40	0.37	0.11	0.17	0.13	12.00	5.5	13	12.65	44.2
453462		0.06	8.36	1.72	7.99	105.0	200	4.28	3.94	2.02	4.52	26.5	17.9	61	2.57	121.0
453501		1.50	0.003	0.01	0.05	0.4	10	1.14	0.02	5.83	0.02	14.85	1.6	4	<0.05	0.8
453502		0.89	<0.001	0.01	0.12	0.2	10	0.47	0.02	7.11	0.03	11.90	2.5	6	<0.05	1.6
453503		1.12	<0.001	0.01	0.28	0.8	10	0.95	0.02	0.55	0.10	8.80	5.2	7	0.08	1.1
453504		0.99	<0.001	<0.01	0.07	<0.2	<10	0.24	0.02	8.37	0.02	7.83	1.2	4	<0.05	0.8
453505		1.19	<0.001	<0.01	0.05	0.8	10	0.34	0.01	8.16	0.04	9.69	1.1	6	<0.05	1.1
453506		1.24	<0.001	<0.01	0.07	1.5	10	0.30	0.02	9.09	0.06	9.13	2.0	4	<0.05	0.9
453507		0.61	<0.001	0.01	0.09	0.6	10	0.35	0.05	2.17	0.03	5.26	1.1	8	<0.05	0.6
453508		1.12	<0.001	0.17	0.74	0.3	30	0.52	0.29	2.82	0.99	10.25	6.5	19	3.68	8.5
453509		1.33	<0.001	0.33	0.03	0.6	<10	<0.05	0.41	0.21	0.11	0.31	1.7	15	0.08	9.0
453510		1.04	0.059	0.64	0.14	0.5	10	0.65	0.10	2.56	0.23	2.93	2.5	18	0.45	6.6
453511		1.15	<0.001	0.17	3.58	1.3	180	1.42	0.16	0.22	0.13	50.8	2.8	46	1.67	16.8
453512		1.04	<0.001	0.01	0.36	12.1	20	0.29	0.03	1.27	<0.02	14.50	6.9	19	0.11	6.0
453513		0.87	<0.001	<0.01	0.15	0.7	10	0.27	0.02	0.97	0.04	3.01	1.5	15	1.33	1.2
453514		1.13	<0.001	0.01	0.42	75.2	30	1.14	0.02	0.36	0.05	11.10	8.3	13	4.24	8.8
453515		0.94	<0.001	0.02	0.30	2.6	10	0.59	0.03	25.7	0.04	7.25	4.0	10	2.15	6.1
453516		1.32	0.002	0.01	0.49	0.3	10	1.03	0.03	1.43	<0.02	13.55	6.0	15	0.11	4.0
453517		1.66	<0.001	<0.01	0.11	4.7	10	0.34	0.02	6.72	0.04	6.65	3.1	5	0.24	0.6
453518		1.10	<0.001	<0.01	0.08	2.2	<10	0.40	0.02	11.70	<0.02	6.58	3.6	4	0.12	0.6
453519		0.91	<0.001	0.59	0.31	0.5	10	0.10	0.17	0.09	<0.02	10.25	4.0	28	0.11	32.6
453520		0.84	0.052	1.80	3.96	35.4	220	0.91	0.56	0.05	0.02	55.7	0.1	79	2.85	11.0
453521		0.70	<0.001	0.01	0.04	2.0	10	0.20	0.02	7.62	0.02	3.92	1.4	7	0.06	1.3

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Finalisée date: 2- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
453415		25.5	4.36	0.08	0.7	<0.005	0.031	0.39	13.9	12.8	1.14	3260	0.44	0.07	3.6	10.7
453416		23.9	4.57	0.08	0.7	<0.005	0.018	0.12	14.2	7.5	1.82	3500	0.38	1.05	2.7	12.7
453417		14.20	10.20	0.06	1.7	<0.005	0.045	1.75	9.6	18.9	2.05	1680	0.90	0.02	5.9	18.0
453418		3.71	1.31	0.05	0.1	<0.005	0.010	0.07	1.9	2.1	0.38	679	0.31	<0.01	0.3	4.0
453419		7.17	18.45	0.05	2.2	<0.005	0.022	3.03	9.0	60.2	1.20	650	0.63	1.05	6.8	8.3
453420		9.97	16.55	0.05	0.8	<0.005	0.076	0.14	2.8	17.4	3.98	1720	0.23	1.55	2.7	71.0
453421		5.14	24.1	0.08	1.8	0.039	0.091	4.13	11.8	3.0	1.73	461	1.40	3.49	14.7	67.9
453451		10.10	4.62	0.05	0.1	0.021	0.062	0.01	5.6	9.1	0.79	533	0.73	0.01	1.3	2.9
453452		16.45	1.34	0.05	0.1	0.014	0.007	0.14	4.1	0.7	1.81	5140	0.57	0.02	1.5	5.0
453453		25.8	2.65	0.05	0.3	0.158	0.020	0.27	6.1	0.8	2.65	5110	0.20	0.04	2.6	7.0
453454		29.8	1.26	0.07	0.1	0.013	<0.005	0.09	10.6	4.9	2.16	6220	0.61	0.01	1.8	2.5
453455		4.59	3.39	<0.05	1.6	0.153	0.017	0.06	3.9	7.6	0.54	322	3.60	0.05	4.1	18.4
453456		9.22	22.1	0.05	1.8	0.056	0.105	1.16	1.1	119.5	3.46	253	0.44	2.13	1.4	25.1
453457		7.12	21.1	0.12	4.4	0.402	0.068	1.81	45.1	19.4	0.50	93	18.45	2.49	9.6	7.6
453458		1.63	0.88	<0.05	0.2	0.012	0.005	0.06	11.0	1.8	0.14	546	0.85	0.01	0.6	4.2
453459		28.5	1.26	0.08	0.1	0.014	0.005	0.08	11.4	1.1	1.73	11350	0.24	0.01	0.8	3.5
453460		25.3	1.07	0.06	0.1	0.015	0.013	0.04	3.7	2.0	0.87	5390	0.35	<0.01	0.7	41.0
453461		24.4	1.51	0.05	0.2	0.018	0.031	0.23	7.9	1.5	1.56	2860	0.22	<0.01	2.3	11.5
453462		5.48	24.9	0.08	1.8	0.018	0.166	4.67	12.9	2.8	1.64	445	1.42	3.40	13.9	66.6
453501		19.70	0.34	0.06	<0.1	0.008	<0.005	0.01	10.1	2.5	4.47	4380	0.20	<0.01	0.5	1.6
453502		21.5	0.66	0.06	0.1	0.009	<0.005	0.01	7.4	2.5	5.20	4770	0.36	<0.01	1.0	2.2
453503		24.0	1.07	0.05	0.2	0.081	0.005	0.01	4.8	2.1	0.64	9450	1.15	0.01	2.3	5.0
453504		12.55	0.34	<0.05	0.1	0.006	<0.005	<0.01	4.9	1.9	4.20	3180	0.24	<0.01	0.8	1.4
453505		12.65	0.29	<0.05	<0.1	0.008	<0.005	0.01	6.2	2.2	3.88	2940	0.24	<0.01	0.6	1.7
453506		15.40	0.32	<0.05	<0.1	0.008	<0.005	0.01	5.8	1.8	4.53	6170	0.85	<0.01	0.5	1.6
453507		7.13	0.31	<0.05	<0.1	0.011	<0.005	0.01	3.4	1.2	0.88	5480	0.33	<0.01	0.2	1.3
453508		14.65	3.21	<0.05	0.4	0.010	0.010	0.33	5.5	6.2	2.21	9620	0.31	0.01	3.8	8.8
453509		2.04	0.16	<0.05	<0.1	0.008	<0.005	0.02	<0.5	0.5	0.12	1500	0.28	0.01	0.1	3.5
453510		4.36	0.49	<0.05	0.1	0.008	0.005	0.04	1.3	2.2	0.82	5410	0.37	0.01	0.5	4.4
453511		2.36	11.40	0.07	3.5	0.042	0.040	1.94	29.1	19.8	0.31	140	9.38	0.03	24.7	11.4
453512		10.05	1.03	0.05	0.3	<0.005	0.014	0.05	8.6	2.9	0.89	10150	0.82	0.07	3.3	7.8
453513		5.65	0.68	<0.05	0.1	0.008	<0.005	0.09	1.9	0.5	0.71	3190	0.32	0.01	0.6	2.6
453514		23.4	1.91	0.08	0.3	0.014	0.009	0.27	6.2	0.7	2.11	14700	0.67	0.05	2.7	8.6
453515		9.95	1.39	0.06	0.3	0.007	0.005	0.11	4.0	1.3	0.86	4860	0.34	0.02	3.0	5.8
453516		24.9	2.56	0.06	0.5	0.006	0.012	0.02	7.0	2.4	3.50	12100	0.52	<0.01	4.7	6.0
453517		19.00	0.43	0.06	0.1	0.007	<0.005	0.02	4.0	0.9	3.90	5930	0.17	<0.01	1.1	1.1
453518		14.05	0.38	0.06	<0.1	0.011	<0.005	0.01	3.3	1.9	4.49	5370	0.20	<0.01	0.8	1.6
453519		2.23	1.70	0.05	0.6	0.027	0.010	0.11	5.1	2.9	0.12	94	13.65	<0.01	10.3	11.2
453520		1.32	10.75	0.13	1.9	2.66	0.010	1.84	38.4	12.0	0.17	65	65.4	0.06	19.0	5.0
453521		6.19	0.20	0.05	<0.1	0.010	<0.005	0.02	2.3	1.1	3.01	2240	0.33	<0.01	0.5	2.4

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
453415		160	4.2	20.8	<0.002	0.09	0.22	3.1	<1	1.1	17.5	0.22	0.06	4.19	0.066	0.17
453416		560	7.5	6.2	<0.002	0.02	0.15	3.0	<1	0.7	88.3	0.22	0.07	4.40	0.062	0.05
453417		240	4.9	117.0	<0.002	0.60	0.17	6.8	1	0.9	4.6	0.48	0.07	9.11	0.169	0.90
453418		50	933	5.0	<0.002	0.10	0.35	0.9	<1	<0.2	2.9	<0.05	0.72	0.46	0.008	0.05
453419		180	13.5	120.0	<0.002	0.16	0.09	11.4	1	0.6	32.9	0.53	0.07	11.45	0.273	0.53
453420		320	4.7	1.5	0.002	0.05	0.27	49.2	1	0.6	115.5	0.17	<0.05	0.30	0.725	<0.02
453421		940	147.5	392	0.003	2.67	1.60	5.3	4	1.2	257	1.07	0.38	1.47	0.493	1.51
453451		200	2.8	1.2	<0.002	0.11	0.10	2.3	1	0.2	1.5	0.16	0.08	0.35	0.010	0.03
453452		220	0.6	3.5	<0.002	0.01	0.86	0.7	<1	0.5	4.9	0.06	<0.05	0.33	0.015	0.06
453453		360	2.3	3.9	<0.002	0.82	2.02	0.9	2	1.0	2.7	0.13	0.13	0.38	0.037	0.19
453454		550	0.5	4.4	<0.002	0.28	1.01	0.3	1	0.6	4.0	0.06	0.16	0.23	0.011	0.06
453455		420	3.0	2.9	0.005	2.31	0.24	2.1	1	0.7	4.8	0.16	0.22	2.22	0.096	0.12
453456		460	61.4	15.8	<0.002	0.68	0.63	56.3	2	6.2	32.1	0.09	0.13	0.16	0.302	2.70
453457		110	33.3	78.1	0.022	5.08	3.72	17.3	5	4.6	33.8	0.61	1.29	6.15	0.248	3.46
453458		270	1.0	2.0	<0.002	0.30	0.20	0.9	<1	0.2	8.7	<0.05	<0.05	1.02	0.019	0.04
453459		1100	1.0	4.0	<0.002	0.47	0.75	0.5	<1	0.3	15.0	<0.05	<0.05	0.26	0.008	0.02
453460		220	4.1	3.6	<0.002	6.98	0.60	0.2	3	0.2	2.5	0.06	0.46	0.16	0.009	0.15
453461		490	2.7	18.6	<0.002	0.86	0.56	0.5	2	0.4	5.1	0.10	0.18	0.39	0.016	0.37
453462		880	195.5	480	0.004	3.31	2.15	5.1	3	1.3	249	0.92	0.84	1.49	0.473	2.00
453501		180	0.8	0.8	<0.002	0.03	0.07	0.1	<1	<0.2	37.1	<0.05	<0.05	0.13	<0.005	0.02
453502		170	0.9	0.4	<0.002	0.09	0.07	0.3	<1	<0.2	47.1	<0.05	<0.05	0.16	0.005	<0.02
453503		340	1.5	0.8	<0.002	0.01	0.08	0.6	<1	<0.2	9.0	0.13	<0.05	0.42	0.024	0.02
453504		90	1.1	0.2	<0.002	0.03	0.07	0.1	<1	<0.2	48.6	<0.05	<0.05	0.13	<0.005	<0.02
453505		90	1.4	0.7	<0.002	0.03	0.08	0.1	<1	<0.2	51.2	<0.05	<0.05	0.08	<0.005	0.02
453506		270	1.3	0.3	<0.002	0.02	0.07	0.2	<1	<0.2	83.6	<0.05	<0.05	0.11	<0.005	<0.02
453507		360	1.6	0.3	<0.002	0.01	0.09	0.2	<1	<0.2	17.8	<0.05	0.05	0.07	<0.005	<0.02
453508		340	31.7	10.6	<0.002	0.05	0.09	1.7	1	0.2	147.0	0.22	0.16	0.67	0.076	0.06
453509		30	213	0.4	<0.002	0.06	0.35	0.2	1	<0.2	9.0	<0.05	0.38	0.02	<0.005	<0.02
453510		330	5.0	1.3	<0.002	0.07	0.09	0.9	1	<0.2	97.8	<0.05	1.60	0.09	0.011	<0.02
453511		120	13.8	46.3	<0.002	0.19	0.43	5.3	1	1.7	7.0	1.31	0.12	4.43	0.165	0.96
453512		580	1.7	2.0	<0.002	0.02	0.08	1.0	<1	0.3	14.3	0.19	0.05	0.66	0.045	0.02
453513		90	1.5	2.2	<0.002	0.01	0.12	0.3	<1	<0.2	21.6	<0.05	<0.05	0.15	0.010	<0.02
453514		460	2.0	6.6	<0.002	0.06	0.25	1.2	1	0.2	5.4	0.15	0.05	0.53	0.055	<0.02
453515		300	1.1	3.8	<0.002	<0.01	0.11	0.7	1	<0.2	167.5	0.16	<0.05	0.56	0.040	<0.02
453516		510	0.9	0.8	<0.002	0.06	0.08	1.3	<1	0.2	15.0	0.27	<0.05	0.74	0.061	<0.02
453517		70	1.4	0.6	<0.002	<0.01	0.15	0.2	1	<0.2	75.7	0.06	<0.05	0.09	0.007	<0.02
453518		70	2.3	0.6	<0.002	<0.01	0.15	0.3	1	<0.2	81.0	<0.05	<0.05	0.07	0.006	0.03
453519		180	5.6	3.0	0.019	1.16	1.31	0.6	1	0.3	2.4	0.31	0.12	0.87	0.038	0.13
453520		70	40.6	54.5	0.057	0.42	45.3	7.4	8	1.7	8.1	1.27	0.14	4.00	0.278	4.66
453521		300	1.9	0.8	<0.002	0.10	0.14	0.2	1	<0.2	35.1	<0.05	<0.05	0.09	0.005	0.02

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
453415		0.5	32	0.3	5.3	47	23.2
453416		0.5	26	0.1	6.8	54	24.5
453417		1.3	45	0.2	3.9	224	61.3
453418		0.1	7	0.1	0.8	44	3.4
453419		1.5	85	1.2	4.1	67	72.4
453420		0.1	389	0.3	21.4	114	23.7
453421		0.8	62	0.6	6.6	234	76.4
453451		0.3	64	0.1	0.9	90	6.6
453452		0.2	21	0.1	7.0	59	3.8
453453		0.2	34	0.2	4.5	45	11.7
453454		0.2	18	0.1	4.5	112	4.6
453455		6.9	44	0.2	2.9	53	62.1
453456		0.1	493	0.5	1.4	153	61.3
453457		3.9	165	0.8	8.9	29	161.5
453458		0.4	13	0.1	1.3	12	9.3
453459		0.2	13	0.1	13.7	61	3.9
453460		0.2	15	0.1	3.9	32	6.6
453461		1.2	23	0.1	5.9	97	6.4
453462		0.9	59	0.5	6.5	365	74.8
453501		0.2	6	0.1	5.8	5	1.9
453502		0.2	17	0.1	7.3	8	3.7
453503		0.2	15	0.2	5.0	16	8.4
453504		0.2	5	0.1	8.3	9	2.9
453505		0.2	8	0.1	7.2	7	2.3
453506		0.1	7	0.1	6.6	10	2.0
453507		0.1	5	0.1	4.0	4	<0.5
453508		0.3	48	0.4	6.3	185	16.6
453509		<0.1	2	0.1	0.7	5	<0.5
453510		0.1	11	0.1	5.8	33	2.9
453511		5.5	148	0.9	8.7	38	147.5
453512		0.4	27	0.5	4.3	7	12.5
453513		0.1	9	0.2	2.0	10	2.5
453514		0.2	32	0.4	6.8	13	13.2
453515		0.9	20	0.3	4.2	11	13.1
453516		0.4	35	0.4	10.3	8	20.6
453517		0.1	10	0.2	7.0	8	2.7
453518		0.1	9	0.5	11.5	4	2.4
453519		3.3	86	0.4	4.0	8	27.0
453520		3.5	1770	5.3	7.1	6	64.3
453521		0.9	6	0.1	4.8	4	2.6

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Finalisée date: 2- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
453522		0.75	<0.001	0.01	0.05	11.1	<10	<0.05	0.02	0.05	0.02	2.04	1.0	25	<0.05	7.9
453551		0.67	<0.001	<0.01	0.30	7.8	20	0.56	0.02	1.24	0.03	5.19	3.7	9	2.74	3.3
453552		0.89	<0.001	<0.01	0.01	0.8	<10	0.15	0.02	0.09	0.03	0.86	0.5	19	<0.05	2.8
453553		1.00	0.005	0.07	0.05	0.7	10	0.28	0.19	0.08	<0.02	0.27	0.7	19	0.43	1.6
453554		1.10	<0.001	<0.01	0.04	0.7	<10	<0.05	0.01	0.07	0.07	1.16	0.8	19	<0.05	2.5
453555		1.08	<0.001	0.01	0.04	4.4	<10	0.05	0.02	0.48	0.02	0.81	1.2	23	<0.05	1.7
453556		0.92	<0.001	0.06	0.23	4.1	30	0.31	0.03	0.01	<0.02	7.14	0.5	22	0.22	3.7
454911		1.47	<0.001	<0.01	0.11	0.6	10	0.98	0.02	0.91	0.04	6.82	2.5	8	1.57	0.5
454912		0.81	<0.001	0.01	0.18	1.1	20	0.62	0.02	1.57	0.06	8.00	2.6	7	5.61	1.0
454913		1.20	<0.001	<0.01	0.15	3.3	10	1.16	0.02	1.53	0.04	10.70	2.9	6	3.42	1.1
454914		1.10	<0.001	<0.01	0.01	0.6	<10	<0.05	0.01	0.01	<0.02	0.08	0.2	14	0.05	1.9
454915		1.24	<0.001	0.01	0.35	0.7	30	1.11	0.02	1.10	0.10	6.90	2.7	6	9.42	8.5
454916		0.65	<0.001	0.05	5.53	4.7	<10	0.23	0.02	3.96	0.10	6.09	78.4	155	0.18	155.0
454917		1.66	<0.001	0.02	1.44	1.4	10	0.08	0.09	0.04	<0.02	40.3	2.0	26	0.08	7.1
454918		0.95	<0.001	0.01	0.19	0.8	<10	<0.05	0.03	0.01	<0.02	2.63	0.6	30	0.09	5.8
454919		0.63	0.011	0.11	8.16	10.1	330	1.93	0.21	0.02	0.02	150.0	0.3	24	3.69	7.0
454920		0.97	<0.001	0.04	1.01	6.6	30	0.24	0.08	0.14	0.47	23.7	4.9	38	0.52	25.8
454921		0.72	0.003	0.10	6.02	4.6	<10	0.27	0.01	4.25	0.19	6.27	53.5	95	0.05	176.5
455005		1.53	<0.001	0.01	0.03	0.6	<10	0.13	0.02	0.65	<0.02	0.81	6.2	29	0.49	18.9
455006		1.21	0.003	0.30	0.45	0.3	<10	0.14	0.06	0.50	<0.02	4.86	16.6	11	0.18	80.1
455007		0.96	0.009	0.01	0.38	0.5	<10	0.44	0.01	3.49	0.16	2.75	1.0	13	0.18	1.8
455008		1.01	<0.001	0.01	1.26	0.5	<10	0.10	0.02	0.06	0.06	0.19	1.6	19	0.28	18.1
455009		0.41	<0.001	0.02	0.06	0.9	10	0.09	0.03	0.07	<0.02	0.48	2.0	19	1.60	11.0
455010		1.33	<0.001	0.01	1.58	0.5	20	0.19	0.03	0.04	<0.02	6.58	0.4	28	0.30	9.4
455011		1.49	<0.001	<0.01	0.03	0.5	10	0.55	0.01	1.86	0.09	10.65	3.2	7	0.32	0.5
455012		0.61	0.006	<0.01	0.23	0.6	10	2.32	0.01	1.99	0.15	11.05	6.3	6	4.52	0.6
455013		0.36	7.31	0.19	0.05	0.7	<10	0.12	0.02	0.94	0.05	2.15	4.0	21	0.94	10.1
455014		0.54	0.008	0.02	0.04	82.0	<10	0.14	2.64	0.03	<0.02	0.65	1.1	23	<0.05	2.0
455015		0.80	0.004	0.09	6.61	0.3	20	0.31	0.02	6.02	0.14	9.62	61.3	71	0.31	443
455016		0.03	1.250	1.04	8.01	104.5	120	4.50	2.87	2.27	2.58	25.5	18.3	63	2.52	60.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
453522		1.88	0.31	<0.05	<0.1	0.045	<0.005	<0.01	1.2	0.6	0.04	127	0.89	<0.01	0.3	2.9
453551		14.40	1.46	0.06	0.2	0.017	0.007	0.15	2.7	0.4	1.30	11250	0.43	0.01	1.7	5.2
453552		2.56	0.12	<0.05	<0.1	0.012	<0.005	<0.01	0.5	0.3	0.05	314	0.32	<0.01	<0.1	2.5
453553		2.30	0.25	<0.05	<0.1	0.040	<0.005	0.03	<0.5	0.2	0.10	1220	0.28	0.01	0.1	1.9
453554		1.51	0.25	<0.05	<0.1	0.011	<0.005	<0.01	0.7	0.6	0.04	222	0.41	<0.01	0.1	2.7
453555		1.98	0.32	<0.05	<0.1	0.010	<0.005	<0.01	<0.5	0.5	0.13	277	0.42	<0.01	0.1	3.1
453556		3.23	2.07	<0.05	0.4	0.014	<0.005	0.10	4.2	3.3	0.10	109	1.66	0.02	4.6	1.8
454911		16.75	0.81	0.06	0.1	0.006	0.014	0.08	4.4	0.8	1.77	4430	0.27	0.01	1.1	1.8
454912		22.9	0.99	0.06	0.1	0.017	0.020	0.09	5.0	0.4	1.67	9990	0.38	0.01	1.1	2.1
454913		21.9	0.94	0.06	0.1	0.016	0.016	0.04	7.3	0.3	1.77	9350	0.32	0.01	1.2	2.3
454914		0.93	0.12	<0.05	<0.1	0.013	<0.005	<0.01	<0.5	0.3	0.01	121	0.27	<0.01	<0.1	1.0
454915		27.5	1.77	0.06	0.1	0.016	0.022	0.22	4.5	0.6	4.23	10100	0.07	0.03	1.7	2.1
454916		9.26	11.25	0.07	1.0	0.022	0.048	<0.01	2.2	28.7	8.03	1320	0.24	0.21	2.3	447
454917		4.00	6.11	0.06	1.4	0.071	0.067	0.05	22.2	14.1	0.72	485	4.49	0.06	16.3	11.0
454918		1.17	1.04	<0.05	0.1	0.027	0.013	0.03	1.5	2.1	0.09	114	1.04	0.01	1.8	3.5
454919		2.40	29.0	0.18	15.5	0.220	0.091	2.77	79.8	21.6	0.56	59	12.60	2.00	85.3	1.3
454920		3.67	4.75	0.07	0.8	0.073	0.039	0.35	11.7	8.0	0.33	211	11.60	0.02	8.2	37.8
454921		9.86	15.35	0.07	0.9	0.018	0.069	<0.01	2.4	107.5	5.40	1210	0.28	0.38	1.2	237
455005		3.80	0.18	0.05	<0.1	0.067	<0.005	0.01	<0.5	0.4	0.13	1010	0.32	<0.01	0.2	6.5
455006		26.6	1.83	0.08	0.1	0.051	0.008	0.01	2.9	1.8	0.73	3380	0.33	<0.01	1.6	52.8
455007		8.22	1.55	0.05	<0.1	0.026	0.011	<0.01	1.2	2.9	0.79	4870	0.27	<0.01	0.3	1.8
455008		6.91	3.79	<0.05	0.1	0.036	0.042	0.01	<0.5	4.8	0.87	2080	0.25	<0.01	0.6	4.9
455009		2.59	0.27	<0.05	<0.1	0.052	<0.005	0.02	<0.5	0.3	0.07	553	0.38	0.01	0.1	3.9
455010		3.18	5.94	<0.05	0.4	0.050	0.013	0.22	3.5	13.4	0.79	442	1.49	0.01	2.5	1.4
455011		25.8	0.25	0.07	<0.1	0.008	<0.005	0.01	7.1	0.7	2.90	7470	0.19	<0.01	1.2	1.6
455012		16.55	1.07	0.06	0.1	0.016	0.008	0.14	5.9	0.4	1.69	8060	0.28	0.02	1.5	9.0
455013		4.35	0.27	<0.05	<0.1	0.333	<0.005	0.02	1.2	<0.2	0.13	2060	0.26	0.01	0.3	7.6
455014		1.16	0.23	<0.05	<0.1	0.029	<0.005	0.02	<0.5	0.5	0.01	89	0.32	0.01	0.6	2.1
455015		10.00	16.85	0.09	0.7	0.097	0.090	0.09	3.6	12.0	4.50	1340	0.52	1.14	3.4	247
455016		5.13	24.1	0.12	1.6	0.013	0.089	4.06	11.7	2.5	1.71	440	1.34	3.46	14.8	68.6

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Finalisée date: 2- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
453522		140	1.0	0.1	<0.002	0.11	0.20	0.1	<1	<0.2	2.0	<0.05	<0.05	0.09	<0.005	<0.02
453551		170	0.8	7.1	<0.002	0.02	0.14	0.9	<1	<0.2	68.7	0.10	<0.05	0.27	0.036	<0.02
453552		50	<0.5	0.1	<0.002	0.11	0.09	<0.1	<1	<0.2	1.2	<0.05	<0.05	0.01	<0.005	<0.02
453553		30	25.5	1.0	<0.002	0.01	0.13	0.2	<1	<0.2	3.8	<0.05	0.14	0.03	<0.005	<0.02
453554		50	<0.5	0.2	<0.002	0.12	0.08	0.1	<1	<0.2	1.9	<0.05	<0.05	0.04	<0.005	<0.02
453555		30	0.6	0.2	<0.002	0.10	0.09	0.1	<1	<0.2	7.8	<0.05	<0.05	0.03	<0.005	<0.02
453556		90	2.4	4.6	<0.002	0.12	0.16	0.4	1	0.2	6.1	0.16	<0.05	0.63	0.033	0.35
454911		520	0.6	2.2	<0.002	0.02	0.55	0.3	<1	0.5	12.2	0.05	<0.05	0.18	0.007	0.02
454912		400	1.0	6.0	<0.002	0.07	0.21	0.2	<1	0.4	22.6	0.05	<0.05	0.19	0.007	<0.02
454913		750	1.4	2.5	<0.002	0.06	0.13	0.3	<1	0.3	13.6	0.05	<0.05	0.21	0.009	<0.02
454914		10	<0.5	0.1	<0.002	<0.01	0.08	<0.1	<1	<0.2	0.3	<0.05	<0.05	<0.01	<0.005	<0.02
454915		500	0.7	12.8	<0.002	0.46	0.30	0.8	<1	0.3	32.3	0.07	<0.05	0.23	0.009	0.03
454916		260	1.8	0.2	<0.002	0.07	0.82	26.0	1	0.5	75.2	0.16	<0.05	0.22	0.465	<0.02
454917		250	2.5	1.6	0.011	0.33	0.16	1.7	1	0.3	2.9	1.54	0.08	3.21	0.051	0.07
454918		70	0.6	1.2	<0.002	0.14	0.18	0.3	<1	<0.2	1.2	0.06	<0.05	0.22	0.012	0.05
454919		360	15.5	112.0	0.003	0.33	4.01	12.9	4	4.2	32.4	5.09	0.97	13.20	0.475	4.00
454920		200	3.1	14.2	0.021	1.36	0.49	2.4	1	0.8	6.4	0.79	0.13	1.82	0.056	0.56
454921		360	3.4	0.1	<0.002	0.28	0.49	25.0	1	0.3	65.1	0.08	0.05	0.36	0.243	<0.02
455005		230	0.7	0.6	<0.002	1.25	0.13	0.1	1	<0.2	10.1	<0.05	0.08	0.04	<0.005	<0.02
455006		90	2.1	0.4	<0.002	>10.0	0.08	0.5	6	2.5	6.4	0.05	0.39	0.17	0.016	0.02
455007		170	1.9	0.4	<0.002	0.24	0.10	0.4	<1	<0.2	46.9	<0.05	<0.05	0.02	<0.005	<0.02
455008		100	0.6	0.5	<0.002	0.32	0.08	2.6	1	<0.2	1.1	0.06	0.05	0.17	0.011	0.02
455009		30	0.9	1.7	<0.002	0.68	0.13	0.1	1	<0.2	2.2	<0.05	0.05	0.02	<0.005	0.02
455010		250	0.9	8.5	<0.002	0.03	0.08	2.9	1	0.3	3.4	0.19	<0.05	0.50	0.019	0.20
455011		290	1.0	0.7	<0.002	<0.01	0.19	0.2	<1	0.3	36.4	<0.05	<0.05	0.10	<0.005	<0.02
455012		300	2.0	6.5	<0.002	0.01	0.57	1.4	<1	0.3	28.0	0.05	<0.05	0.59	0.015	0.02
455013		100	1.0	1.4	<0.002	0.85	0.29	0.1	1	<0.2	12.6	<0.05	<0.05	0.05	<0.005	<0.02
455014		30	1.0	0.3	<0.002	0.65	0.68	0.1	<1	<0.2	0.6	<0.05	0.61	0.05	<0.005	0.02
455015		420	3.2	4.3	0.004	0.71	0.69	32.6	3	0.8	194.0	0.20	0.05	0.26	0.792	0.16
455016		940	145.5	373	0.002	2.67	1.54	5.3	4	1.2	258	1.02	0.56	1.39	0.486	1.49

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171021

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
453522		0.5	6	0.1	0.8	5	1.6
453551		0.2	26	0.1	4.4	7	8.6
453552		0.1	1	0.1	0.9	4	<0.5
453553		<0.1	4	<0.1	1.1	2	<0.5
453554		0.2	3	<0.1	0.6	11	<0.5
453555		0.1	6	0.1	1.1	4	0.5
453556		3.3	36	0.3	3.2	5	20.9
454911		0.2	12	0.1	7.4	26	3.8
454912		0.2	12	0.2	7.8	19	4.6
454913		0.2	14	0.2	12.0	25	4.4
454914		<0.1	1	<0.1	0.1	<2	<0.5
454915		0.2	22	0.1	9.1	51	4.3
454916		0.1	235	0.2	15.5	89	27.4
454917		2.9	116	0.2	7.2	75	76.6
454918		0.3	28	0.1	0.7	10	6.1
454919		12.7	120	1.3	36.6	20	>500
454920		6.5	204	0.5	3.6	120	35.3
454921		0.1	316	0.1	6.1	112	25.4
455005		0.1	2	0.1	1.7	2	0.6
455006		0.1	19	0.1	2.6	47	5.0
455007		<0.1	17	<0.1	7.0	42	0.5
455008		0.2	51	<0.1	0.6	89	3.2
455009		<0.1	2	<0.1	0.9	5	<0.5
455010		0.6	73	0.1	1.5	63	17.4
455011		0.2	4	0.1	7.2	90	2.3
455012		0.2	18	0.1	14.8	18	4.7
455013		0.1	3	<0.1	1.7	6	1.5
455014		0.3	3	0.1	0.7	<2	2.5
455015		0.1	386	0.3	21.5	96	21.7
455016		0.7	61	0.6	6.5	221	73.4

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CERTIFICAT D'ANALYSE VO17171021

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.
Applique à la Méthode: TOUTES MÉTHODES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.
Applique à la Méthode: ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:	CRU- 31	CRU- QC	LOG- 21	LOG- 23
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 19- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17171028

Projet: KAN

Ce rapport s'applique aux 76 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- AOUT- 2017.

Les résultats sont transmis à:

ROSSE ANNE BOUCHARD CYNTHIA LEE CORPORATIF WEBTREIVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: CYNTHIA LEE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 19- SEPT- 2017
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CERTIFICAT D'ANALYSE VO17171028

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403456		1.47	0.001	0.01	0.16	0.7	20	0.26	0.01	12.40	0.04	3.53	2.0	4	0.65	1.2
403457		1.25	0.001	<0.01	0.08	1.1	<10	0.11	0.01	1.81	<0.02	1.38	0.5	9	0.11	0.9
403458		0.85	<0.001	<0.01	0.06	<0.2	<10	0.23	0.01	8.38	0.05	2.70	1.1	3	0.17	0.7
403459		0.50	0.054	2.62	7.40	22.4	300	1.88	0.31	0.13	<0.02	74.0	2.0	108	2.57	3.2
403460		1.19	<0.001	0.03	0.06	0.4	<10	1.06	0.02	4.25	<0.02	9.27	1.6	11	<0.05	1.3
403461		0.72	0.004	0.16	9.25	0.6	520	2.28	0.12	0.11	<0.02	8.66	1.8	93	10.75	14.3
407531		1.26	0.001	0.03	7.94	1.8	10	0.37	0.02	7.33	0.10	6.74	49.6	289	0.13	79.7
407532		0.73	<0.001	0.03	8.72	1.4	460	2.35	0.10	0.36	0.07	130.0	9.9	82	4.99	1.5
407533		1.16	<0.001	0.02	2.93	1.2	80	0.32	0.03	0.60	0.03	20.6	8.2	40	0.49	7.3
407534		0.49	0.020	0.31	8.84	10.5	120	0.74	0.02	0.88	0.43	45.7	27.0	139	1.09	463
407535		0.65	<0.001	0.03	8.74	0.2	920	2.91	0.05	0.02	<0.02	4.82	4.4	83	8.58	128.5
407536		0.96	<0.001	0.06	1.19	0.5	40	0.26	0.16	6.91	0.49	67.9	12.7	17	0.40	30.3
407537		0.72	<0.001	<0.01	0.16	0.4	10	0.27	0.01	4.99	0.18	12.85	3.5	5	0.20	3.0
407538		0.84	<0.001	0.01	0.29	0.4	20	0.09	0.01	0.86	0.06	3.94	2.0	15	0.55	3.2
407539		0.58	<0.001	0.04	5.53	112.5	<10	0.36	0.01	4.71	0.15	8.29	47.0	103	0.14	35.5
407592		1.52	<0.001	0.01	8.12	1.1	10	0.24	0.02	7.08	0.05	6.39	58.0	265	0.13	4.3
407593		1.19	<0.001	0.02	8.88	<0.2	300	1.89	0.02	0.89	<0.02	121.5	11.5	61	1.89	17.7
407594		3.13	<0.001	0.03	0.08	2.7	10	0.10	0.02	2.23	0.02	5.95	1.1	23	<0.05	3.7
407595		1.19	<0.001	0.01	0.06	5.8	10	0.15	0.02	0.81	0.09	2.62	1.4	19	0.05	1.8
407596		1.02	<0.001	0.03	0.38	1.1	10	1.98	0.06	2.33	0.02	10.15	4.1	28	3.04	10.1
407597		Not Recvd														
407598		0.65	0.010	0.21	4.30	2.0	40	0.34	0.15	1.79	0.12	16.75	19.1	61	0.56	440
407599		0.75	0.020	0.15	8.32	33.7	340	1.31	0.49	0.01	<0.02	7.94	0.2	71	3.79	35.2
407600		1.09	<0.001	<0.01	0.46	0.5	50	0.79	0.02	0.69	0.05	10.15	6.2	12	6.10	1.0
441861		Not Recvd														
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171028

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403456		11.15	0.75	0.06	0.1	0.007	<0.005	0.08	1.9	2.8	5.15	5190	1.24	0.01	1.1	2.0
403457		1.89	0.29	<0.05	<0.1	0.006	<0.005	0.01	0.7	0.9	0.50	793	0.11	0.01	0.3	1.1
403458		9.23	0.30	0.06	<0.1	0.005	<0.005	0.01	1.4	1.2	3.46	3910	0.08	<0.01	0.4	0.8
403459		1.81	27.8	0.21	2.4	0.276	0.077	3.86	40.0	17.3	0.46	81	12.15	0.12	20.1	1.3
403460		7.31	0.50	0.07	0.1	0.006	<0.005	0.01	5.6	1.1	2.13	1840	0.32	<0.01	0.5	1.9
403461		4.92	23.9	0.14	2.3	0.059	0.059	4.96	4.0	32.4	1.19	333	1.81	1.17	7.6	4.2
407531		7.49	16.65	0.08	0.5	0.008	0.060	0.04	2.4	18.2	5.62	1200	0.17	1.56	2.4	193.0
407532		6.78	24.1	0.25	2.3	<0.005	0.052	3.31	91.4	41.4	1.42	933	0.31	0.41	7.7	32.1
407533		4.82	7.13	0.09	0.7	0.006	0.015	0.26	10.6	17.6	1.17	639	0.47	0.30	2.5	18.2
407534		12.15	22.1	0.14	2.5	0.046	0.143	0.56	19.3	50.2	3.89	1460	0.54	2.21	8.0	61.7
407535		6.20	24.4	0.13	3.4	<0.005	0.012	4.26	2.2	33.5	0.86	451	1.91	0.42	9.7	7.1
407536		2.04	3.55	0.11	0.3	0.017	0.010	0.26	33.7	5.7	0.26	1640	0.13	0.03	2.2	24.7
407537		24.2	0.94	0.10	0.1	0.005	0.007	0.04	8.1	1.6	2.81	8840	0.17	0.01	0.9	2.4
407538		8.05	1.44	0.06	0.1	<0.005	0.016	0.05	2.4	2.7	0.64	2830	0.18	<0.01	1.0	3.0
407539		8.58	12.35	0.08	1.1	0.029	0.040	<0.01	3.1	55.8	8.47	1850	0.06	<0.01	0.7	279
407592		8.30	18.20	0.08	0.7	0.011	0.054	0.06	2.3	21.1	6.00	1360	0.08	1.44	2.3	232
407593		3.22	20.7	0.20	5.2	0.005	0.009	1.73	62.2	24.3	1.22	254	0.30	4.09	7.6	31.7
407594		5.01	0.47	0.06	<0.1	0.008	<0.005	0.01	3.2	1.1	1.34	899	0.31	0.01	0.6	5.7
407595		5.85	0.36	0.06	<0.1	0.009	<0.005	0.02	1.5	0.7	0.88	1210	0.24	0.01	0.2	3.3
407596		7.02	2.15	0.08	0.4	0.097	0.008	0.21	5.0	0.9	1.15	6300	0.26	0.03	3.4	10.1
407597																
407598		21.0	18.00	0.14	1.6	0.058	0.097	0.29	8.0	10.0	2.84	890	13.35	0.10	8.7	33.0
407599		4.53	29.1	0.13	5.6	1.285	0.098	3.37	4.0	14.0	0.24	34	27.4	0.30	34.7	0.8
407600		15.00	2.73	0.10	0.4	0.072	0.008	0.27	5.3	0.9	2.03	11550	0.28	0.02	3.4	7.3
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171028

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403456		80	1.8	4.7	<0.002	0.02	0.06	0.5	<1	<0.2	72.1	0.05	<0.05	0.13	0.011	0.20
403457		50	1.0	0.5	<0.002	0.01	0.09	0.1	<1	<0.2	20.1	<0.05	<0.05	0.05	<0.005	0.02
403458		70	1.6	0.8	<0.002	<0.01	0.05	0.4	<1	<0.2	76.8	<0.05	<0.05	0.07	<0.005	0.02
403459		100	61.1	104.0	0.019	1.54	7.83	19.0	4	4.7	17.1	1.43	0.80	5.19	0.346	5.34
403460		120	1.0	0.3	<0.002	0.13	0.07	0.2	<1	<0.2	26.9	<0.05	<0.05	0.09	<0.005	0.02
403461		170	6.9	165.5	<0.002	0.11	0.78	11.9	2	1.7	41.0	0.71	0.11	12.00	0.289	0.94
407531		300	2.3	1.1	<0.002	0.01	0.58	33.8	1	0.9	181.5	0.17	<0.05	0.26	0.483	<0.02
407532		160	7.8	142.0	<0.002	0.01	0.11	11.5	1	2.0	37.0	0.62	0.05	11.70	0.289	0.59
407533		230	3.1	11.5	<0.002	0.02	0.06	4.9	<1	0.2	23.5	0.21	0.05	3.96	0.096	0.06
407534		390	4.4	10.4	0.002	0.05	0.16	25.4	1	0.7	89.5	0.81	0.08	11.05	0.517	0.12
407535		220	3.8	190.5	<0.002	0.14	0.17	12.2	1	0.5	19.3	0.70	<0.05	10.55	0.297	0.96
407536		90	9.6	10.7	<0.002	0.01	0.09	1.4	<1	0.3	183.0	0.25	0.05	1.03	0.037	0.06
407537		520	1.5	2.7	<0.002	0.02	0.07	0.4	<1	<0.2	99.4	<0.05	<0.05	0.27	0.009	0.04
407538		170	0.5	3.4	<0.002	0.17	0.07	0.3	<1	<0.2	18.2	0.05	<0.05	0.15	0.009	0.07
407539		310	1.6	0.2	<0.002	0.01	0.12	26.9	<1	0.2	104.0	0.05	<0.05	0.20	0.095	<0.02
407592		280	2.1	1.5	<0.002	<0.01	1.05	34.5	<1	0.5	157.0	0.14	<0.05	0.22	0.480	<0.02
407593		550	4.9	81.6	<0.002	<0.01	0.12	11.5	<1	1.3	78.1	0.49	<0.05	15.15	0.305	0.30
407594		130	0.7	0.5	<0.002	0.20	0.34	0.3	<1	<0.2	15.1	<0.05	<0.05	0.13	0.006	0.02
407595		220	<0.5	0.8	<0.002	0.11	0.12	0.2	<1	<0.2	5.3	<0.05	<0.05	0.06	<0.005	0.02
407596		950	2.0	4.9	<0.002	0.03	0.39	1.3	1	0.2	56.3	0.14	0.16	0.57	0.076	0.04
407597																
407598		290	9.4	8.4	0.015	1.13	2.34	10.6	4	1.6	28.8	0.52	0.49	2.59	0.265	0.39
407599		50	8.6	94.6	<0.002	0.20	12.40	13.7	4	4.5	43.0	2.22	1.05	2.79	0.327	4.87
407600		340	0.5	9.2	<0.002	<0.01	0.81	1.6	1	0.2	21.7	0.17	<0.05	0.49	0.073	0.03
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171028

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403456		0.2	13	0.1	4.9	5	3.8
403457		<0.1	4	0.1	1.4	2	<0.5
403458		0.1	11	0.1	2.7	5	1.7
403459		2.8	202	1.9	6.1	11	88.2
403460		0.3	7	0.1	5.4	4	4.4
403461		4.2	241	1.4	4.7	51	85.8
407531		0.1	242	0.2	15.0	82	13.7
407532		1.6	77	2.1	19.4	89	86.8
407533		0.7	45	0.2	6.0	42	25.6
407534		2.2	241	0.6	13.9	127	90.6
407535		2.8	125	1.0	5.7	14	106.5
407536		0.3	9	0.2	9.1	17	10.3
407537		0.1	11	0.1	7.8	33	3.6
407538		0.1	22	<0.1	2.1	30	2.9
407539		<0.1	169	0.2	3.8	102	48.3
407592		0.1	249	0.1	15.3	79	19.3
407593		2.0	66	0.5	10.3	10	176.5
407594		1.2	6	0.2	3.1	10	1.2
407595		0.4	3	0.1	2.2	30	1.6
407596		0.4	33	0.2	11.2	7	14.6
407597							
407598		4.1	233	0.4	9.2	146	55.8
407599		7.2	331	1.3	7.9	9	167.5
407600		0.2	43	0.2	5.2	13	14.6
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Projet: KAN

CERTIFICAT D'ANALYSE VO17171028

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
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442928		1.00	0.008	0.26	6.80	143.0	720	1.09	0.02	7.65	0.45	8.13	38.5	134	1.71	370
442929		0.84	0.003	0.16	11.05	8.8	270	1.54	0.17	0.02	<0.02	85.9	0.2	140	4.80	2.2
442930		0.91	<0.001	0.05	0.24	1.5	10	<0.05	0.02	0.01	0.11	0.48	0.2	24	0.18	4.7
442931		0.58	0.023	0.90	7.33	11.3	320	1.13	0.58	0.03	<0.02	29.5	0.5	61	3.14	4.9
442932		0.98	<0.001	0.04	0.25	2.2	10	0.07	0.02	0.02	0.38	1.89	0.5	21	0.13	11.7
442933		1.09	0.001	0.04	7.73	2.6	110	0.23	0.01	7.58	0.11	6.71	42.3	287	0.47	46.9
454922		1.63	0.040	0.01	0.11	0.2	<10	0.10	0.02	0.51	0.04	3.53	2.5	13	<0.05	1.6
454923		0.87	<0.001	0.02	0.11	<0.2	<10	0.22	0.01	3.78	0.04	5.88	1.9	9	<0.05	1.8
454924		0.96	<0.001	0.01	0.03	0.3	<10	0.10	0.02	1.39	0.02	4.19	1.4	10	<0.05	2.2
454925		1.14	<0.001	0.01	0.16	11.2	10	0.26	0.02	0.85	<0.02	3.74	7.3	20	<0.05	2.6
454926		1.03	<0.001	0.03	7.53	8.2	10	0.35	0.01	8.16	0.09	9.13	58.1	141	0.08	95.6
454927		1.44	<0.001	0.03	0.05	0.3	<10	<0.05	0.02	0.08	<0.02	0.43	0.9	16	<0.05	9.6

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CERTIFICAT D'ANALYSE VO17171028

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
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442928		6.51	17.25	0.13	1.6	0.045	0.095	3.55	3.0	22.3	3.33	1720	0.32	0.05	3.6	65.0
442929		0.72	33.3	0.23	7.6	0.829	0.146	5.03	46.6	22.9	0.39	38	3.05	0.24	32.2	1.0
442930		0.55	0.76	0.06	0.1	0.572	0.009	0.08	<0.5	1.1	0.01	73	0.29	0.02	0.4	1.1
442931		0.90	27.0	0.14	5.1	1.645	0.070	2.81	14.6	15.1	0.25	65	7.57	0.52	58.3	1.8
442932		1.01	0.90	0.06	0.1	0.475	0.032	0.10	0.9	0.9	0.02	85	0.70	0.01	0.6	2.7
442933		7.41	16.45	0.10	0.6	0.024	0.066	0.20	2.4	13.1	4.72	1340	0.16	1.85	2.2	108.5
454922		15.65	1.47	0.09	0.1	0.009	<0.005	0.01	2.0	1.1	1.49	6230	0.17	<0.01	1.0	2.2
454923		14.80	0.63	0.08	0.1	0.007	0.005	<0.01	3.3	1.3	2.59	5830	0.19	<0.01	1.3	1.3
454924		11.60	0.42	0.07	<0.1	0.005	<0.005	0.01	2.4	0.6	1.03	4560	0.28	<0.01	0.3	1.2
454925		7.30	0.77	0.06	0.1	0.009	<0.005	0.05	2.0	1.1	1.00	4980	0.40	0.02	1.1	6.9
454926		7.26	18.35	0.07	1.0	0.008	0.078	0.03	3.3	13.3	4.54	1420	0.24	2.16	3.3	186.5
454927		1.61	0.32	0.05	<0.1	0.005	<0.005	0.01	<0.5	0.6	0.03	139	0.11	0.01	0.1	1.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171028

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441877																
441878																
441879																
441880																
441881																
441882																
441883																
441884																
441885																
441886																
441887																
441888																
441889																
441890																
441891																
441892																
441893																
441894																
441895																
441896																
441897																
441898																
441899																
441900																
442928		390	5.2	60.3	<0.002	0.04	0.51	48.1	1	0.8	137.0	0.18	0.05	0.24	0.654	0.54
442929		100	21.5	84.5	0.004	0.13	5.48	25.7	1	7.2	25.5	1.53	0.13	5.48	0.728	4.02
442930		10	0.9	1.9	<0.002	0.04	0.26	0.4	1	<0.2	1.7	<0.05	<0.05	0.11	0.013	0.16
442931		40	18.1	83.3	0.003	0.30	9.99	11.1	3	4.4	34.8	3.19	0.40	2.13	0.353	5.23
442932		30	1.0	2.7	<0.002	0.01	0.26	0.5	1	0.3	1.3	<0.05	<0.05	0.20	0.009	0.18
442933		170	0.9	10.7	0.002	<0.01	0.38	48.0	1	0.5	151.5	0.14	<0.05	0.17	0.444	0.08
454922		170	<0.5	0.2	<0.002	0.04	0.06	0.3	<1	<0.2	4.2	<0.05	<0.05	0.15	0.010	<0.02
454923		210	0.9	0.1	<0.002	0.07	0.05	0.3	<1	<0.2	25.7	<0.05	<0.05	0.20	0.010	<0.02
454924		180	<0.5	0.4	<0.002	0.09	0.05	0.1	<1	<0.2	11.5	<0.05	<0.05	0.05	<0.005	<0.02
454925		140	1.2	1.5	<0.002	0.03	0.09	0.5	<1	<0.2	14.0	0.06	<0.05	0.15	0.025	<0.02
454926		400	1.8	0.4	0.002	0.06	0.29	46.2	1	0.7	118.5	0.20	<0.05	0.25	0.688	<0.02
454927		10	0.5	0.3	<0.002	0.01	0.05	0.1	<1	<0.2	1.0	<0.05	<0.05	0.02	<0.005	<0.02

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À: MINIÈRE OSISKO INC.
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Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171028

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441877							
441878							
441879							
441880							
441881							
441882							
441883							
441884							
441885							
441886							
441887							
441888							
441889							
441890							
441891							
441892							
441893							
441894							
441895							
441896							
441897							
441898							
441899							
441900							
442928		0.1	344	1.0	5.5	87	52.8
442929		8.2	246	1.6	10.5	8	235
442930		0.2	5	0.1	0.3	28	3.8
442931		4.7	253	1.6	7.0	8	135.0
442932		0.4	9	0.1	0.9	123	3.3
442933		0.1	279	0.1	16.2	76	14.0
454922		0.1	8	<0.1	2.1	15	4.6
454923		0.1	8	0.1	3.4	7	3.8
454924		0.1	4	<0.1	2.9	15	1.0
454925		0.1	12	0.2	1.8	5	5.3
454926		0.1	362	0.1	22.8	105	26.8
454927		<0.1	4	<0.1	0.2	3	0.5

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Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17171028

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17178922

Projet: KAN

Bon de commande #: KAN- 013

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178922

Description échantillon	Méthode élément unités L.D.	Au- ICP21 Au ppm 0.001	Au- GRA21 Au ppm 0.05	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441641		<0.001		<0.01	0.12	0.6	10	0.42	0.02	6.89	0.05	15.55	1.9	17	0.84	0.7
441642		<0.001		<0.01	0.12	0.9	10	0.37	0.02	6.72	0.05	14.90	1.9	7	0.79	0.8
441643		<0.001		<0.01	0.09	0.3	10	0.33	0.02	7.03	0.02	10.70	1.7	17	0.75	1.3
441644		0.001		0.01	0.09	0.6	10	0.21	0.02	7.20	0.06	10.65	1.8	6	0.80	1.3
441645		0.175		0.30	0.26	4.6	10	0.28	0.04	6.60	0.09	6.94	5.0	7	1.91	11.0
441646		<0.001		<0.01	0.07	2.2	<10	0.36	0.03	1.77	0.02	4.66	2.2	16	0.69	1.9
441647		6.64		1.74	7.80	96.7	200	3.91	3.94	1.93	4.19	27.8	19.0	59	2.65	119.5
441648		<0.001		0.01	0.13	8.1	10	0.32	0.02	4.59	0.03	5.53	2.7	6	0.73	1.5
441649		0.007		0.01	0.10	1.5	10	0.29	0.02	7.06	0.14	6.76	2.7	3	0.30	3.3
441650		0.002		0.01	0.10	1.3	10	0.23	0.02	6.39	0.11	6.34	2.3	3	0.52	2.6
441651		<0.001		0.02	0.05	0.9	60	<0.05	0.02	18.50	0.05	1.82	0.4	2	0.61	1.9
441652		0.046		<0.01	0.07	0.6	<10	0.30	0.02	0.58	0.02	3.14	3.0	30	0.50	2.6
441653		0.258		0.02	0.12	0.3	10	0.23	0.03	1.77	0.05	4.50	2.7	18	0.75	9.5
441654		0.011		0.01	0.03	1.0	10	0.59	0.03	0.89	0.03	6.61	2.7	15	0.27	1.4
441655		0.013		0.06	0.04	<0.2	10	0.32	0.05	6.39	0.65	5.52	3.1	3	0.15	38.2
441656		>10.0	17.40	0.98	8.43	73.4	330	3.34	22.7	2.61	0.81	29.6	22.0	77	2.14	279
441657		0.002		0.01	0.05	1.3	<10	0.23	0.04	8.01	0.10	5.92	2.3	1	0.15	11.0
441658		<0.001		0.01	0.11	0.7	10	0.30	0.04	9.25	0.07	7.45	4.8	3	0.26	5.1
441659		<0.001		0.01	0.20	0.6	10	0.42	0.03	10.95	0.10	5.05	2.4	3	0.50	3.6
441660		<0.001		0.01	0.27	0.9	10	0.34	0.03	13.10	0.18	8.85	4.6	4	0.39	7.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178922

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441641		15.25	0.79	0.09	0.1	0.008	<0.005	0.02	10.2	0.9	3.09	5490	0.21	<0.01	0.8	1.8
441642		14.70	0.72	0.08	0.1	0.007	<0.005	0.02	9.9	1.1	2.99	5320	0.19	0.01	0.8	1.8
441643		12.35	0.61	0.08	0.1	0.007	<0.005	0.02	7.6	0.9	3.07	4600	0.22	<0.01	0.7	1.6
441644		12.90	0.56	0.08	0.1	0.007	<0.005	0.02	7.5	1.0	3.02	4700	0.17	<0.01	0.6	1.5
441645		16.15	1.28	0.08	0.1	0.016	0.006	0.04	4.2	1.1	3.06	5400	0.36	0.01	1.1	4.0
441646		11.40	0.75	0.08	0.1	0.006	<0.005	0.02	2.9	0.7	1.25	3450	0.22	<0.01	0.8	2.1
441647		5.34	27.5	0.16	1.8	0.016	0.172	4.62	13.5	2.7	1.57	413	1.41	3.38	14.6	68.4
441648		15.90	0.86	0.08	0.1	0.008	0.005	0.02	3.5	1.0	2.39	4700	0.28	<0.01	0.8	2.3
441649		17.30	0.62	0.09	<0.1	0.009	<0.005	0.01	4.5	1.4	2.94	6140	0.17	<0.01	0.3	1.4
441650		15.20	0.59	0.07	<0.1	0.008	<0.005	0.01	4.2	1.2	2.97	5500	0.12	<0.01	0.3	1.1
441651		0.22	0.20	0.14	<0.1	<0.005	<0.005	0.02	0.9	9.7	12.10	328	0.08	0.02	0.2	0.7
441652		12.15	0.49	0.05	<0.1	0.005	<0.005	0.01	1.8	0.5	1.11	3460	0.20	<0.01	0.5	2.1
441653		12.65	0.73	0.08	<0.1	0.023	<0.005	0.01	2.9	0.7	1.39	3220	0.13	<0.01	0.4	1.3
441654		17.00	0.58	0.07	<0.1	0.005	<0.005	0.01	4.1	0.6	1.13	4510	0.12	<0.01	0.5	1.2
441655		16.75	0.40	0.11	<0.1	0.034	<0.005	0.01	3.3	0.9	3.06	4910	0.32	<0.01	0.3	2.4
441656		6.64	26.1	0.18	2.1	0.089	0.416	4.52	13.6	3.4	1.98	503	1.46	3.08	15.9	83.4
441657		15.75	0.46	0.10	<0.1	0.009	<0.005	0.01	3.6	1.1	3.02	6020	0.16	<0.01	0.4	1.7
441658		15.20	0.63	0.10	0.1	0.013	0.005	0.01	5.0	1.5	3.71	5770	0.31	<0.01	0.6	2.4
441659		13.55	0.92	0.07	<0.1	0.011	0.008	0.04	3.0	2.7	5.22	4870	0.15	<0.01	0.8	2.4
441660		16.60	1.20	0.09	0.2	0.020	0.010	0.03	5.4	3.8	5.93	5680	0.22	<0.01	1.4	4.4

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CERTIFICAT D'ANALYSE VO17178922

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441641		550	1.3	0.9	<0.002	<0.01	0.22	0.3	<1	<0.2	50.9	0.05	<0.05	0.15	0.006	<0.02
441642		550	1.3	0.9	<0.002	<0.01	0.18	0.3	<1	<0.2	48.0	<0.05	<0.05	0.19	0.006	<0.02
441643		490	1.1	0.6	<0.002	0.02	0.14	0.3	<1	<0.2	51.0	<0.05	<0.05	0.09	0.005	<0.02
441644		540	1.2	0.7	<0.002	0.02	0.17	0.3	1	<0.2	54.0	<0.05	<0.05	0.09	<0.005	<0.02
441645		170	1.3	1.4	<0.002	0.16	0.19	0.9	<1	<0.2	54.7	0.05	<0.05	0.14	0.009	<0.02
441646		150	1.4	0.6	<0.002	0.03	0.19	0.3	1	<0.2	12.8	<0.05	<0.05	0.08	<0.005	<0.02
441647		890	203	460	0.015	3.24	2.33	5.3	4	1.3	239	0.91	0.86	1.61	0.454	2.02
441648		220	1.0	0.9	<0.002	0.03	0.15	0.4	<1	<0.2	32.9	<0.05	<0.05	0.12	0.006	<0.02
441649		210	1.7	0.5	<0.002	0.04	0.13	0.3	1	<0.2	51.5	<0.05	<0.05	0.04	<0.005	0.02
441650		160	1.3	0.6	<0.002	0.05	0.11	0.2	<1	<0.2	48.8	<0.05	<0.05	0.05	<0.005	<0.02
441651		<10	2.6	0.9	<0.002	<0.01	0.22	0.1	<1	<0.2	133.0	<0.05	<0.05	0.14	<0.005	0.11
441652		120	<0.5	0.4	<0.002	0.08	0.14	0.2	<1	<0.2	4.6	<0.05	<0.05	0.07	<0.005	<0.02
441653		190	<0.5	0.6	<0.002	0.29	0.12	0.2	1	<0.2	14.2	<0.05	<0.05	0.04	<0.005	<0.02
441654		190	0.5	0.3	<0.002	0.03	0.13	0.2	<1	<0.2	6.2	<0.05	<0.05	0.04	<0.005	<0.02
441655		190	2.1	0.2	<0.002	1.06	0.19	0.2	<1	<0.2	44.6	<0.05	0.07	0.03	<0.005	<0.02
441656		1120	69.8	334	0.005	3.75	1.65	6.3	1	1.9	375	1.13	2.66	2.24	0.605	1.43
441657		140	1.6	0.4	<0.002	0.05	0.14	0.4	<1	<0.2	41.4	<0.05	<0.05	0.04	<0.005	<0.02
441658		280	2.0	0.5	<0.002	0.05	0.14	0.3	<1	<0.2	72.3	<0.05	<0.05	0.08	0.005	<0.02
441659		120	2.4	1.5	<0.002	0.05	0.18	0.5	<1	<0.2	117.0	<0.05	<0.05	0.11	0.007	0.05
441660		280	2.9	1.4	<0.002	0.12	0.22	1.0	<1	<0.2	134.5	0.08	<0.05	0.22	0.019	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178922

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441641		0.2	12	0.1	8.6	8	4.2
441642		0.2	11	0.1	8.3	7	4.2
441643		0.2	9	0.1	7.1	6	3.7
441644		0.2	9	0.1	7.2	9	4.3
441645		0.2	19	0.1	5.6	14	4.6
441646		0.1	8	0.1	3.9	5	3.6
441647		0.9	58	0.5	6.5	338	75.4
441648		0.2	12	0.1	5.3	7	3.6
441649		0.1	6	0.1	6.8	29	2.1
441650		0.1	6	0.1	5.5	14	1.9
441651		0.2	2	0.2	1.3	8	1.2
441652		0.1	6	0.1	2.5	7	2.0
441653		0.1	7	<0.1	3.8	7	1.7
441654		0.1	6	0.1	6.1	6	1.6
441655		<0.1	6	0.1	4.6	140	1.2
441656		1.3	79	0.6	7.5	72	85.6
441657		0.1	6	0.1	5.9	10	1.5
441658		0.1	10	0.2	6.3	10	2.3
441659		0.1	14	0.1	5.4	15	2.0
441660		0.2	19	0.5	7.7	21	7.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: KAN

CERTIFICAT D'ANALYSE VO17178922

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- GRA21 Au- ICP21 Hg- MS42 ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17178932

Projet: KAN

Bon de commande #: KAN- 014

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

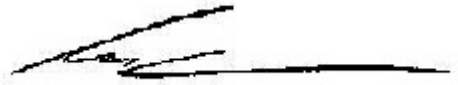
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178932

Description échantillon	Méthode élément unités L.D.	Au- ICP21 Au ppm 0.001	Au- GRA21 Au ppm 0.05	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441661		<0.001		0.01	0.44	1.8	10	0.32	0.03	14.35	0.25	7.66	4.5	2	0.17	7.8
441662		<0.001		0.02	0.44	1.5	10	0.32	0.03	14.95	0.26	8.17	4.4	1	0.16	7.5
441663		<0.001		0.03	0.44	0.6	10	0.24	0.03	12.35	0.38	7.60	5.5	<1	0.19	19.7
441664		0.006		0.03	0.34	1.0	10	0.27	0.03	10.90	0.23	9.05	5.4	<1	0.27	19.5
441665		0.002		0.05	0.84	2.9	20	0.40	0.03	13.65	0.38	6.80	5.2	<1	0.72	19.7
441666		0.003		0.02	0.95	1.1	30	0.45	0.02	7.27	0.17	6.90	4.1	1	4.74	17.9
441667		8.35		1.73	8.16	107.5	200	4.40	3.63	2.12	4.61	27.6	17.4	61	2.58	122.0
441668		0.002		0.01	0.30	1.1	10	0.41	0.02	7.29	0.14	7.24	2.9	2	0.35	7.4
441669		0.043		0.02	0.33	4.3	10	0.28	0.02	6.73	0.27	7.02	3.8	6	0.29	13.4
441670		0.275		0.03	0.31	2.2	<10	0.55	0.02	3.69	0.06	9.65	5.1	6	0.19	9.3
441671		NSS		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
441672		0.961		0.01	0.21	2.8	10	0.63	0.02	3.49	0.06	12.75	4.4	3	0.32	5.8
441673		0.001		0.01	0.25	3.1	10	0.29	0.04	10.50	0.09	11.65	5.7	7	0.25	15.4
441674		<0.001		0.01	0.04	3.4	10	0.47	0.01	3.23	<0.02	5.83	1.5	5	<0.05	1.7
441675		<0.001		0.01	0.03	1.1	<10	0.38	0.01	3.13	<0.02	6.33	2.1	4	<0.05	3.0
441676		>10.0	17.75	1.05	8.47	69.9	330	3.53	19.25	2.65	0.84	30.7	22.1	79	2.15	265
441677		<0.001		0.01	0.05	5.7	<10	0.32	0.04	4.95	<0.02	6.47	2.8	18	<0.05	3.4
441678		<0.001		<0.01	0.10	1.1	10	0.60	0.02	14.30	0.02	15.95	3.2	21	0.05	3.3
441679		<0.001		0.01	0.11	6.0	10	0.43	0.02	10.50	<0.02	16.10	7.2	24	0.09	5.8
441680		0.002		<0.01	0.06	9.0	<10	0.44	0.02	1.09	<0.02	6.83	4.5	6	0.09	2.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178932

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441661		16.95	1.97	0.08	0.1	0.022	0.011	0.04	4.5	5.2	6.27	6040	0.36	0.01	0.9	5.6
441662		17.10	1.87	0.09	0.2	0.022	0.015	0.04	5.0	5.4	6.39	6200	0.36	0.01	0.8	5.5
441663		17.60	1.70	0.10	<0.1	0.030	0.018	0.03	4.4	4.6	4.52	6640	0.45	0.01	0.4	5.1
441664		17.15	1.37	0.09	<0.1	0.026	0.010	0.03	5.6	3.5	4.12	5960	0.97	0.01	0.3	4.1
441665		17.80	3.07	0.08	0.1	0.032	0.028	0.07	3.7	8.0	5.12	6890	0.31	0.01	0.8	5.5
441666		16.35	3.52	0.08	<0.1	0.022	0.027	0.17	4.1	3.6	3.59	6050	0.17	0.01	0.8	3.5
441667		5.68	27.4	0.18	1.8	0.014	0.184	4.70	13.6	2.9	1.65	452	1.51	3.44	13.7	64.6
441668		16.30	1.31	0.09	<0.1	0.015	0.008	0.02	4.3	2.8	3.26	7320	0.25	0.01	0.7	2.7
441669		17.20	1.43	0.07	0.1	0.013	0.009	0.02	4.2	2.1	3.52	8150	0.13	<0.01	1.4	3.8
441670		20.7	1.60	0.12	0.2	0.008	0.009	0.01	5.8	1.3	2.37	10300	0.24	<0.01	1.7	5.5
441671		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
441672		23.0	1.11	0.10	0.1	0.007	0.006	0.01	8.0	0.9	2.29	11500	0.42	<0.01	0.9	6.2
441673		12.90	1.18	0.07	0.2	0.018	0.006	0.02	6.6	2.8	4.36	4560	0.55	<0.01	1.9	5.0
441674		11.75	0.53	0.06	<0.1	0.005	<0.005	0.01	3.6	1.3	2.46	2010	0.26	<0.01	0.5	3.2
441675		12.90	0.37	0.07	<0.1	0.007	<0.005	0.01	3.8	1.3	1.96	2080	0.33	<0.01	0.4	5.0
441676		6.62	26.2	0.18	2.0	0.082	0.446	4.54	14.0	3.3	2.01	511	1.40	3.10	15.9	83.9
441677		10.40	0.48	0.07	0.1	0.015	<0.005	0.01	3.7	1.8	1.87	1820	0.45	<0.01	1.2	15.6
441678		13.30	0.99	0.08	0.3	0.012	0.006	0.01	9.4	3.5	5.06	3540	0.43	<0.01	3.5	12.3
441679		15.60	1.01	0.09	0.3	0.012	0.008	0.01	9.1	2.7	2.88	3670	0.65	<0.01	5.2	20.6
441680		18.80	0.44	0.07	0.1	0.013	<0.005	0.01	3.9	1.1	0.49	4090	1.23	<0.01	0.9	25.0

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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178932

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441661		160	3.1	1.1	<0.002	0.13	0.29	1.5	1	<0.2	147.0	0.05	<0.05	0.30	0.012	0.03
441662		170	3.3	1.1	<0.002	0.13	0.39	1.5	1	<0.2	152.5	0.05	<0.05	0.24	0.012	0.03
441663		90	3.5	1.0	<0.002	0.46	0.16	2.0	<1	<0.2	188.0	<0.05	<0.05	0.10	<0.005	0.03
441664		100	2.7	1.1	<0.002	0.28	0.20	1.8	1	<0.2	121.0	<0.05	<0.05	0.16	<0.005	0.04
441665		100	3.7	3.4	<0.002	0.40	0.47	4.1	<1	0.3	196.0	0.05	<0.05	0.09	0.007	0.10
441666		130	1.9	6.5	<0.002	0.29	0.35	3.0	<1	0.4	93.8	0.07	<0.05	0.09	<0.005	0.07
441667		920	222	500	0.002	3.35	2.24	5.5	3	1.3	258	0.93	0.81	1.82	0.495	1.97
441668		180	2.0	1.4	<0.002	0.12	0.20	0.8	<1	0.2	85.2	<0.05	<0.05	0.10	0.005	0.04
441669		190	2.0	0.9	<0.002	0.36	0.32	0.8	<1	0.2	76.0	0.06	<0.05	0.25	0.013	0.03
441670		440	1.3	0.3	<0.002	0.18	0.28	0.8	<1	<0.2	40.8	0.07	<0.05	0.28	0.019	<0.02
441671		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
441672		470	1.2	0.4	<0.002	0.09	0.24	0.6	<1	<0.2	28.7	0.05	<0.05	0.21	0.009	<0.02
441673		390	2.8	0.8	<0.002	0.20	0.24	0.8	<1	<0.2	91.9	0.09	<0.05	0.45	0.023	0.03
441674		130	1.6	0.5	<0.002	0.09	0.08	0.2	<1	<0.2	23.8	<0.05	<0.05	0.05	<0.005	0.03
441675		120	0.7	0.3	<0.002	0.04	0.09	0.2	<1	<0.2	29.5	<0.05	<0.05	0.06	<0.005	<0.02
441676		1130	73.9	334	0.005	3.70	1.77	6.4	1	1.9	378	1.13	2.78	1.90	0.613	1.46
441677		120	1.0	0.5	<0.002	0.02	0.14	0.3	<1	<0.2	48.4	0.06	<0.05	0.19	0.016	<0.02
441678		160	1.2	0.5	<0.002	0.02	0.12	1.1	<1	<0.2	101.0	0.18	<0.05	0.47	0.052	<0.02
441679		420	1.3	0.8	<0.002	<0.01	0.13	0.9	<1	<0.2	81.0	0.24	<0.05	0.54	0.078	0.03
441680		260	1.2	0.6	<0.002	0.01	0.18	0.3	<1	<0.2	10.6	0.05	<0.05	0.12	0.007	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178932

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441661		0.2	28	0.3	7.9	33	6.0
441662		0.2	28	0.3	7.9	34	6.3
441663		0.1	23	0.1	7.5	40	2.0
441664		0.1	19	0.1	6.8	26	2.2
441665		0.1	41	0.2	7.2	51	3.5
441666		0.1	44	0.1	5.2	41	2.0
441667		0.9	62	0.6	6.4	360	73.6
441668		<0.1	16	0.1	6.2	18	2.1
441669		0.1	18	0.2	5.6	44	3.4
441670		0.2	23	0.2	6.7	14	6.0
441671		NSS	NSS	NSS	NSS	NSS	NSS
441672		0.2	20	0.2	7.4	11	4.0
441673		0.2	16	0.3	6.4	13	6.6
441674		0.4	6	0.1	4.3	4	2.2
441675		0.3	5	0.1	3.6	4	1.6
441676		1.3	79	0.7	7.4	72	86.5
441677		0.5	8	0.3	3.7	4	3.4
441678		0.9	15	0.7	11.1	6	8.9
441679		1.1	17	0.7	7.4	6	12.5
441680		0.3	12	0.2	4.2	4	2.2

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CERTIFICAT D'ANALYSE VO17178932

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.
Applique à la Méthode: TOUTES MÉTHODES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.
Applique à la Méthode: ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
Applique à la Méthode: FND- 02

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applique à la Méthode: Au- GRA21 Au- ICP21 Hg- MS42 ME- MS61

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17178934

Projet: KAN

Bon de commande #: KAN- 015

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178934

Description échantillon	Méthode élément unités L.D.	Au- ICP21 Au ppm 0.001	Au- GRA21 Au ppm 0.05	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441681		0.003		0.01	0.07	8.8	10	0.55	0.02	0.66	0.02	9.43	2.5	2	0.08	1.8
441682		<0.001		0.01	0.09	6.2	10	0.46	0.02	0.64	0.02	9.80	2.7	2	0.09	2.4
441683		<0.001		0.01	0.03	12.6	<10	0.50	0.02	2.42	<0.02	5.41	2.2	5	0.07	1.3
441684		<0.001		0.01	0.03	18.8	<10	0.49	0.02	2.41	<0.02	6.33	2.4	4	0.11	1.4
441685		<0.001		0.01	0.06	18.3	<10	0.69	0.01	1.90	0.02	7.45	3.6	4	0.10	1.9
441686		<0.001		<0.01	0.91	4.9	100	1.66	0.02	3.08	0.02	8.80	5.5	16	0.43	4.3
441687		8.72		1.58	7.90	104.5	200	4.33	3.47	2.04	4.79	28.2	16.9	60	2.56	118.5
441688		0.001		0.01	0.28	1.8	20	0.85	0.03	2.53	0.02	4.91	3.0	20	0.11	17.0
441689		<0.001		0.01	0.03	0.9	10	0.21	0.01	2.24	0.03	5.50	1.1	7	<0.05	0.9
441690		<0.001		0.01	0.05	1.3	10	0.48	0.01	4.05	<0.02	8.41	2.5	5	<0.05	2.3
441691		NSS		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
441692		<0.001		0.01	0.07	6.0	10	0.51	0.02	6.29	<0.02	6.91	1.7	15	0.07	4.1
441693		<0.001		<0.01	0.12	7.0	10	0.52	0.02	10.20	<0.02	15.00	7.1	45	0.29	5.0
441694		<0.001		0.02	0.10	2.0	<10	0.39	0.01	9.61	<0.02	17.10	3.6	24	0.07	3.3
441695		<0.001		0.01	0.06	5.9	<10	0.38	0.01	4.45	<0.02	8.09	3.8	17	0.06	3.6
441696		>10.0	NSS	0.92	8.29	70.7	320	3.52	16.95	2.55	0.84	26.8	22.2	75	2.05	247
441697		<0.001		<0.01	0.04	17.5	<10	0.37	0.03	0.28	<0.02	4.48	3.4	7	<0.05	1.9
441698		<0.001		0.01	0.05	17.8	<10	0.66	0.02	0.32	<0.02	8.34	3.5	5	0.09	2.1
441699		<0.001		0.01	0.11	8.6	10	0.72	0.01	3.19	<0.02	10.00	3.2	4	0.11	1.8
441700		<0.001		0.02	0.03	29.4	<10	0.52	0.02	4.31	<0.02	5.60	2.5	4	0.10	1.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178934

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441681		21.3	0.48	0.08	0.1	0.012	<0.005	0.02	5.5	1.2	0.34	4820	0.95	<0.01	1.1	17.0
441682		22.8	0.55	0.09	<0.1	0.013	<0.005	0.02	5.8	1.3	0.36	5220	1.11	0.01	1.1	18.3
441683		21.3	0.28	0.08	<0.1	0.012	<0.005	0.01	3.4	1.2	1.72	3760	1.21	<0.01	0.4	27.6
441684		23.0	0.32	0.08	<0.1	0.011	<0.005	0.02	4.1	1.4	1.27	3840	1.06	<0.01	0.5	29.5
441685		26.3	0.50	0.08	<0.1	0.011	<0.005	0.01	4.8	1.3	0.91	4940	1.24	<0.01	0.5	24.6
441686		14.25	3.32	0.08	0.7	0.006	0.006	0.35	5.2	14.7	1.32	3370	0.47	0.01	1.8	20.1
441687		5.61	26.1	0.18	1.7	0.017	0.188	4.65	13.3	2.7	1.65	437	1.57	3.38	13.5	64.3
441688		12.10	1.30	0.06	0.1	0.011	0.007	0.06	3.0	4.5	1.08	3290	0.87	<0.01	0.5	14.1
441689		11.90	0.32	0.05	<0.1	<0.005	<0.005	0.01	3.4	1.0	2.32	1850	0.19	<0.01	0.5	3.0
441690		15.40	0.48	0.08	<0.1	0.008	<0.005	0.01	5.2	1.3	1.71	2660	0.40	<0.01	0.6	5.1
441691		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
441692		11.25	0.48	<0.05	0.1	0.012	<0.005	0.01	3.9	2.5	2.21	2110	0.67	<0.01	1.2	6.3
441693		16.05	0.87	0.07	0.4	0.014	0.005	0.04	7.6	4.2	2.97	3290	0.72	<0.01	4.3	23.3
441694		13.60	0.85	0.09	0.3	0.012	0.007	0.01	9.9	3.2	3.34	3180	0.90	<0.01	4.1	16.5
441695		15.05	0.42	0.07	0.1	0.012	<0.005	0.01	4.6	1.5	1.28	2960	0.67	<0.01	1.7	19.4
441696		6.40	25.5	0.18	2.1	0.093	0.393	4.38	12.4	3.2	1.94	491	1.54	2.98	15.9	84.3
441697		15.30	0.16	0.05	<0.1	0.009	<0.005	0.01	2.4	0.8	0.49	3200	0.64	<0.01	0.5	17.9
441698		25.2	0.27	0.08	<0.1	0.012	<0.005	0.01	4.7	1.0	0.32	5230	1.34	<0.01	0.7	20.3
441699		24.8	0.44	0.07	0.1	0.009	<0.005	0.03	5.7	2.3	0.95	5660	1.11	<0.01	1.0	13.7
441700		22.3	0.17	0.06	<0.1	0.013	<0.005	0.01	3.4	1.3	1.15	3650	1.49	<0.01	0.5	24.6

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178934

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441681		290	1.1	0.9	<0.002	0.01	0.15	0.4	<1	<0.2	7.0	<0.05	<0.05	0.15	0.006	0.02
441682		300	1.5	1.3	<0.002	0.01	0.15	0.4	<1	<0.2	7.2	<0.05	<0.05	0.18	0.006	0.02
441683		240	1.1	0.5	<0.002	0.01	0.15	0.2	<1	<0.2	18.4	<0.05	<0.05	0.05	<0.005	0.02
441684		370	1.3	1.0	<0.002	0.01	0.19	0.2	<1	<0.2	17.3	<0.05	<0.05	0.07	<0.005	0.03
441685		460	1.4	0.8	<0.002	0.01	0.16	0.3	<1	<0.2	13.5	<0.05	<0.05	0.09	<0.005	0.02
441686		90	0.8	10.4	<0.002	0.03	0.15	1.4	<1	0.5	18.3	0.10	<0.05	1.43	0.038	0.14
441687		910	189.0	480	0.006	3.35	2.23	4.8	3	1.2	252	0.96	0.81	1.49	0.483	1.92
441688		280	1.7	2.0	<0.002	0.04	0.11	0.7	1	<0.2	14.9	<0.05	<0.05	0.22	0.007	0.04
441689		100	0.5	0.4	<0.002	0.09	0.08	0.2	<1	<0.2	12.7	<0.05	<0.05	0.05	<0.005	<0.02
441690		160	0.5	0.4	<0.002	0.03	0.08	0.2	<1	<0.2	41.7	<0.05	<0.05	0.08	0.005	<0.02
441691		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
441692		130	1.0	0.7	<0.002	0.01	0.13	0.3	<1	<0.2	68.4	0.06	<0.05	0.17	0.014	0.02
441693		300	1.0	2.2	<0.002	<0.01	0.14	1.1	1	<0.2	96.8	0.24	<0.05	0.82	0.081	0.08
441694		810	1.0	0.5	<0.002	<0.01	0.13	0.9	<1	<0.2	82.4	0.20	<0.05	0.57	0.071	0.02
441695		280	0.6	0.4	<0.002	<0.01	0.12	0.5	<1	<0.2	28.0	0.09	<0.05	0.25	0.030	<0.02
441696		1080	67.8	334	0.007	3.56	1.42	6.4	2	1.9	365	1.10	2.40	2.16	0.591	1.37
441697		170	0.5	0.4	<0.002	0.02	0.11	0.2	<1	<0.2	4.7	<0.05	<0.05	0.07	<0.005	<0.02
441698		390	0.8	0.6	<0.002	0.01	0.17	0.3	<1	<0.2	5.4	<0.05	<0.05	0.09	0.005	0.02
441699		240	1.0	1.1	<0.002	0.01	0.13	0.4	<1	<0.2	21.8	0.05	<0.05	0.16	0.007	0.02
441700		300	1.3	0.8	<0.002	0.01	0.20	0.2	<1	<0.2	28.7	<0.05	<0.05	0.06	<0.005	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178934

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441681		0.4	16	0.3	5.4	5	2.5
441682		0.4	18	0.3	5.7	5	2.5
441683		0.3	13	0.3	4.3	4	1.1
441684		0.4	11	0.4	5.0	5	1.4
441685		0.3	11	0.4	6.1	5	1.7
441686		0.3	14	0.7	4.0	5	24.0
441687		0.9	59	0.5	6.1	374	71.1
441688		0.3	11	0.2	3.2	5	3.7
441689		0.6	5	0.1	3.8	9	3.0
441690		0.4	8	0.2	5.3	4	2.5
441691		NSS	NSS	NSS	NSS	NSS	NSS
441692		0.4	10	0.3	5.0	4	3.5
441693		0.7	17	0.6	6.8	6	12.6
441694		0.3	12	0.8	9.0	4	11.9
441695		0.2	10	0.4	5.6	5	5.6
441696		1.4	76	0.7	7.3	72	88.1
441697		0.2	9	0.2	2.8	3	1.7
441698		0.4	11	0.3	5.3	6	2.1
441699		0.4	20	0.3	6.2	5	3.2
441700		0.3	13	0.3	4.9	4	1.4

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CERTIFICAT D'ANALYSE VO17178934

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.
Applique à la Méthode: TOUTES MÉTHODES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.
Applique à la Méthode: ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
Applique à la Méthode: FND- 02

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applique à la Méthode: Au- GRA21 Au- ICP21 Hg- MS42 ME- MS61

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Finalisée date: 18- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17178951

Projet: KAN

Bon de commande #: KAN- 017

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
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BUREAU 200
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178951

Description échantillon	Méthode élément unités L.D.	Au- ICP21 Au ppm 0.001	Au- GRA21 Au ppm 0.05	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441721		0.002		0.01	0.30	1.2	10	0.27	0.01	14.70	0.22	8.60	3.3	5	0.10	8.6
441722		<0.001		0.01	0.30	1.7	10	0.27	0.02	15.35	0.23	8.97	3.3	9	0.10	9.6
441723		0.002		0.01	0.24	1.8	<10	0.31	0.02	14.80	0.09	13.65	3.8	6	<0.05	7.0
441724		<0.001		0.01	0.24	1.3	10	0.33	0.01	15.35	0.18	11.25	2.5	4	0.09	4.5
441725		0.098		0.02	0.19	1.7	10	0.22	0.02	11.65	0.16	8.37	4.0	3	0.06	30.4
441726		0.021		0.01	0.49	1.2	10	0.25	0.01	11.55	0.18	9.64	3.4	6	0.09	8.1
441727		8.85		1.72	8.14	106.5	210	4.33	3.55	2.09	4.67	28.4	17.4	58	2.55	120.5
441728		0.001		<0.01	0.34	6.6	10	0.36	0.01	13.80	0.09	10.40	3.3	10	0.06	1.7
441729		<0.001		0.01	0.13	5.4	<10	0.41	0.02	10.20	0.24	8.81	2.8	8	0.06	4.4
441730		0.001		0.02	0.30	2.2	<10	0.51	0.03	10.75	0.02	10.80	4.8	4	0.36	8.1
441731		<0.001		0.02	0.05	<0.2	70	0.17	0.03	18.30	0.03	1.06	0.6	<1	0.39	1.1
441732		<0.001		0.01	1.48	2.2	10	0.29	0.02	7.94	0.05	11.45	9.3	31	1.79	33.6
441733		0.002		0.07	7.16	58.1	540	1.28	0.03	4.29	0.14	9.87	51.0	162	1.70	155.0
441734		0.001		0.09	7.44	42.2	380	0.69	0.01	6.76	0.13	9.81	46.2	154	0.79	147.0
441735		0.003		0.09	7.21	32.2	50	0.31	0.02	4.15	0.10	9.21	43.9	153	0.14	147.5
441736		>10.0	18.00	0.91	8.31	71.2	330	3.37	16.70	2.61	1.01	26.6	21.3	78	2.02	258
441737		0.004		0.07	7.38	39.1	40	0.31	0.03	5.64	0.10	8.98	45.1	148	0.13	129.0
441738		0.003		0.06	7.09	44.1	70	0.33	0.02	5.18	0.08	9.07	52.0	148	0.16	130.0
441739		0.002		0.07	7.04	31.5	90	0.40	0.02	5.75	0.09	9.30	37.7	140	0.20	129.0
441740		0.002		0.07	7.23	31.8	90	0.37	0.01	5.16	0.10	9.00	38.2	146	0.18	137.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178951

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441721		13.65	1.03	0.05	0.1	0.024	0.009	0.02	5.1	3.1	5.30	5630	0.40	0.01	0.8	4.0
441722		14.40	1.01	0.06	0.1	0.025	0.008	0.02	5.3	3.1	5.60	5890	0.43	0.01	0.8	4.0
441723		15.45	0.92	0.07	0.2	0.022	0.006	0.01	8.4	2.6	5.88	5950	0.60	<0.01	1.1	4.3
441724		13.50	0.92	0.06	0.1	0.017	0.009	0.02	6.8	2.9	5.21	5730	0.52	<0.01	0.6	3.2
441725		13.70	0.73	0.05	0.1	0.047	0.007	0.02	4.9	2.0	4.16	5310	0.30	<0.01	0.6	5.5
441726		13.70	1.75	0.07	0.2	0.024	0.010	0.03	5.5	4.5	4.16	5490	0.55	0.01	0.9	4.4
441727		5.69	26.6	0.16	1.7	0.016	0.187	4.72	12.6	2.6	1.65	448	1.61	3.46	13.8	66.3
441728		9.16	1.36	0.07	0.2	0.017	0.010	0.02	5.7	4.3	4.82	5300	0.38	0.01	1.6	5.3
441729		11.75	0.63	0.06	0.1	0.021	0.005	0.01	5.3	1.5	3.86	5970	0.20	<0.01	0.9	3.0
441730		19.25	1.19	<0.05	0.1	0.023	0.010	0.01	6.4	1.6	4.93	6600	0.55	<0.01	1.2	7.5
441731		0.27	0.14	<0.05	0.1	<0.005	<0.005	0.02	0.6	13.4	13.45	365	0.05	0.03	0.1	0.2
441732		19.35	4.87	0.09	0.5	0.031	0.017	0.07	6.5	2.7	4.58	6610	0.69	0.01	2.1	18.4
441733		11.80	18.70	0.12	1.5	0.049	0.080	1.94	4.9	36.5	3.27	2090	0.28	0.43	3.5	100.5
441734		10.10	19.90	0.11	1.4	0.041	0.085	1.30	4.4	41.9	3.91	1460	0.20	0.76	3.6	99.1
441735		10.25	18.15	0.08	1.0	0.042	0.078	0.17	4.4	37.0	4.20	1310	0.26	1.81	3.2	100.5
441736		6.55	24.7	0.17	2.0	0.084	0.397	4.43	11.8	3.1	1.96	503	1.37	3.04	15.9	81.1
441737		9.94	17.60	0.07	0.9	0.042	0.075	0.15	3.2	35.5	4.18	1400	0.18	1.79	3.2	98.6
441738		9.82	17.85	0.07	0.8	0.046	0.078	0.28	3.4	34.1	3.98	1290	0.19	1.67	3.2	96.2
441739		9.24	17.35	0.07	0.9	0.044	0.080	0.38	3.5	32.8	3.75	1330	0.16	1.55	3.2	91.5
441740		9.56	17.75	0.08	0.9	0.046	0.080	0.37	3.6	32.5	3.83	1320	0.19	1.64	3.2	90.4

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Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178951

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441721		370	2.5	0.6	<0.002	0.14	0.16	1.1	<1	<0.2	142.5	0.05	<0.05	0.25	0.012	<0.02
441722		370	2.8	0.5	<0.002	0.14	0.16	1.1	<1	<0.2	150.0	0.05	<0.05	0.26	0.011	0.02
441723		510	2.4	0.2	<0.002	0.09	0.16	0.7	<1	<0.2	105.5	0.07	<0.05	0.38	0.016	<0.02
441724		430	2.9	0.6	<0.002	0.03	0.18	1.0	<1	<0.2	139.5	<0.05	<0.05	0.26	0.010	0.02
441725		240	2.3	0.6	<0.002	0.37	0.17	0.9	1	<0.2	107.5	<0.05	<0.05	0.17	0.007	0.02
441726		250	2.3	0.9	<0.002	0.08	0.23	1.6	<1	<0.2	116.0	0.05	<0.05	0.33	0.015	<0.02
441727		920	214	490	0.003	3.41	2.24	5.1	4	1.3	256	0.92	0.88	1.56	0.492	1.97
441728		380	1.6	0.7	<0.002	0.01	0.21	3.4	1	<0.2	91.5	0.08	<0.05	0.33	0.020	0.02
441729		300	1.1	0.4	<0.002	0.07	0.17	1.0	<1	<0.2	44.7	<0.05	<0.05	0.18	0.008	<0.02
441730		370	1.8	0.5	<0.002	0.09	0.23	1.0	1	<0.2	68.3	0.06	<0.05	0.34	0.017	<0.02
441731		30	2.0	0.7	<0.002	<0.01	0.14	0.2	<1	<0.2	138.5	<0.05	<0.05	0.13	<0.005	0.06
441732		440	1.4	2.0	<0.002	0.18	0.34	7.9	1	<0.2	70.6	0.11	<0.05	0.38	0.140	<0.02
441733		460	4.7	34.8	<0.002	0.16	0.60	47.9	1	0.7	61.8	0.22	<0.05	0.28	0.775	0.34
441734		450	4.3	23.7	<0.002	0.04	0.56	51.1	1	0.8	101.5	0.24	<0.05	0.27	0.787	0.22
441735		380	2.9	2.3	<0.002	0.08	0.38	46.1	1	0.5	72.5	0.20	<0.05	0.28	0.756	0.05
441736		1120	64.8	319	0.005	3.71	1.45	6.1	1	1.8	371	1.16	2.75	1.92	0.613	1.33
441737		400	2.7	2.5	<0.002	0.05	0.39	45.2	1	0.5	90.7	0.19	<0.05	0.28	0.732	0.03
441738		380	2.9	4.5	<0.002	0.11	0.34	46.2	1	0.7	86.0	0.19	<0.05	0.26	0.730	0.07
441739		380	2.8	6.0	0.002	0.07	0.37	44.9	1	0.6	86.1	0.20	<0.05	0.25	0.710	0.07
441740		380	2.7	5.5	0.002	0.10	0.36	46.2	1	0.7	85.1	0.20	<0.05	0.26	0.739	0.08

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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178951

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441721		0.2	21	0.2	7.8	23	5.7
441722		0.2	22	0.3	7.9	24	6.1
441723		0.3	20	0.3	8.9	18	7.5
441724		0.2	18	0.2	9.2	19	5.2
441725		0.1	15	0.1	6.5	18	3.0
441726		0.2	29	0.3	7.4	24	6.4
441727		0.9	62	0.6	6.2	357	74.4
441728		0.2	29	0.4	6.2	13	8.3
441729		0.2	14	0.2	6.3	53	3.6
441730		0.3	29	0.2	7.5	9	6.4
441731		0.2	3	0.2	0.6	13	2.1
441732		0.4	84	0.2	7.0	26	17.4
441733		0.1	397	0.6	6.5	99	45.7
441734		0.1	405	0.4	7.7	109	43.8
441735		0.1	386	0.1	7.0	100	31.7
441736		1.3	78	0.6	7.1	69	86.3
441737		0.1	373	0.1	7.3	96	34.9
441738		0.1	378	0.1	7.4	95	25.9
441739		0.1	361	0.2	8.3	91	32.5
441740		0.1	378	0.1	8.0	91	27.5

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CERTIFICAT D'ANALYSE VO17178951

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- GRA21 Au- ICP21 Hg- MS42 ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 19- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17178957

Projet: KAN

Bon de commande #: KAN- 002

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 19- SEPT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17178957

Description échantillon	Méthode élément unités L.D.	Au- ICP21 Au ppm 0.001	Au- GRA21 Au ppm 0.05	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441421		0.030		0.07	0.14	1.4	<10	0.31	0.02	3.72	0.08	7.86	4.6	2	0.11	25.5
441422		0.008		0.05	0.14	2.2	<10	0.28	0.02	3.57	0.11	7.36	4.5	2	0.12	25.9
441423		0.226		0.02	0.18	1.7	<10	0.67	0.03	2.41	0.08	11.75	4.4	2	0.47	8.0
441424		0.333		0.07	0.08	<0.2	<10	0.42	0.06	1.64	0.11	7.51	3.5	<1	0.99	36.0
441425		0.012		0.11	0.09	<0.2	<10	0.12	0.03	0.89	0.10	6.12	3.4	10	0.81	26.5
441426		0.005		0.01	0.36	1.6	10	0.34	0.02	4.64	0.16	9.18	4.6	3	0.99	5.5
441427		8.50		1.68	7.99	104.5	210	4.04	3.67	2.05	4.67	28.5	17.0	62	2.56	118.5
441428		0.001		0.01	0.05	2.1	<10	0.31	0.03	3.19	0.09	6.21	3.1	10	0.33	4.1
441429		0.007		0.01	0.11	1.4	<10	0.26	0.03	2.62	0.13	5.55	1.8	7	0.55	3.2
441430		0.021		0.01	0.05	1.4	<10	0.27	0.02	9.62	0.43	12.45	4.2	9	0.08	6.1
441431		<0.001		0.01	0.02	<0.2	200	0.13	0.05	18.75	0.12	0.95	0.4	2	0.64	3.2
441432		<0.001		0.01	0.02	3.0	<10	0.20	0.06	1.59	0.11	4.95	3.6	3	0.08	7.7
441433		0.010		0.01	0.01	0.2	<10	0.12	0.03	2.25	0.09	5.67	2.4	4	0.06	3.6
441434		<0.001		0.01	0.03	0.3	<10	0.23	0.03	3.65	0.13	6.85	2.7	4	0.07	13.9
441435		0.158		0.01	0.04	0.5	<10	0.19	0.01	4.73	0.12	6.52	2.3	4	0.12	5.4
441436		>10.0	17.90	0.94	8.13	77.7	330	3.09	16.00	2.53	0.81	26.8	23.4	77	2.15	293
441437		0.098		0.14	0.08	4.2	<10	0.25	0.08	4.27	0.23	7.04	6.7	5	0.08	50.6
441438		0.177		0.17	0.12	13.5	<10	0.17	0.07	3.01	0.14	6.15	12.5	10	0.06	59.4
441439		0.088		0.04	0.27	6.0	10	0.32	0.04	7.99	0.29	7.61	4.1	11	0.48	14.9
441440		0.003		0.03	0.43	12.9	20	0.24	0.02	5.71	0.25	13.45	4.9	15	1.39	7.9

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CERTIFICAT D'ANALYSE VO17178957

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441421		24.5	0.76	0.10	0.1	0.011	0.007	0.01	5.0	1.6	3.10	8040	0.18	<0.01	0.8	4.6
441422		23.9	0.74	0.08	0.1	0.010	0.006	0.01	4.6	1.5	2.99	7850	0.21	0.01	0.9	4.4
441423		32.4	0.98	0.11	0.1	0.007	0.005	0.03	7.8	1.6	3.25	10650	0.14	<0.01	1.3	2.0
441424		29.4	0.56	0.11	<0.1	0.020	<0.005	0.04	5.1	0.7	2.97	9210	0.38	<0.01	0.8	2.6
441425		21.9	0.52	0.09	<0.1	0.012	<0.005	0.02	4.2	0.5	1.76	6750	0.31	<0.01	0.5	1.5
441426		26.0	1.69	0.10	0.1	0.008	0.006	0.04	6.1	2.2	3.18	8980	0.18	<0.01	0.9	1.0
441427		5.70	26.5	0.18	1.7	0.016	0.195	4.83	13.3	2.5	1.66	461	1.69	3.50	13.6	64.3
441428		12.50	0.51	0.09	0.1	<0.005	0.029	0.01	4.4	0.7	1.95	4500	0.42	<0.01	0.7	3.3
441429		14.85	0.79	0.08	0.1	0.005	0.044	0.02	3.7	1.2	2.24	4500	0.19	<0.01	0.3	3.3
441430		21.9	0.61	0.13	0.1	0.016	0.029	0.01	7.8	1.2	3.54	8650	0.19	<0.01	0.4	1.8
441431		0.36	0.21	0.11	<0.1	<0.005	0.032	0.01	0.6	13.9	12.45	469	0.18	0.02	0.1	2.1
441432		16.55	0.38	0.08	0.1	0.005	0.047	<0.01	3.5	0.5	1.35	4590	0.34	<0.01	0.3	5.2
441433		18.20	0.38	0.09	<0.1	<0.005	0.027	<0.01	4.2	0.6	2.16	6140	0.39	<0.01	0.3	2.3
441434		19.90	0.49	0.12	<0.1	0.005	0.037	<0.01	5.1	0.8	2.42	7410	0.55	<0.01	0.4	2.9
441435		20.0	0.51	0.09	<0.1	0.007	0.019	<0.01	4.6	0.9	3.42	8400	0.89	<0.01	0.3	1.6
441436		6.45	26.1	0.13	2.1	0.084	0.476	4.35	13.4	3.0	1.89	505	1.47	3.05	16.5	83.4
441437		21.7	0.78	0.12	<0.1	0.018	0.020	0.01	4.9	1.0	2.82	9990	0.60	<0.01	0.4	3.7
441438		21.7	0.92	0.13	<0.1	0.026	0.021	0.01	4.3	1.3	2.51	9520	0.64	<0.01	0.6	5.6
441439		18.40	1.47	0.11	0.1	0.013	0.016	0.04	4.5	3.0	4.44	7550	0.60	<0.01	1.1	3.8
441440		18.50	2.09	0.11	0.2	0.017	0.014	0.09	7.6	5.3	3.63	6680	0.83	<0.01	3.0	5.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178957

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441421		470	11.6	0.2	<0.002	1.74	0.11	0.3	<1	<0.2	45.8	<0.05	0.10	0.19	0.008	<0.02
441422		440	13.7	0.3	<0.002	1.74	0.11	0.3	1	<0.2	43.7	<0.05	0.08	0.18	0.008	<0.02
441423		1260	3.6	1.1	<0.002	0.61	0.12	0.4	<1	<0.2	40.4	0.06	<0.05	0.32	0.012	0.02
441424		540	1.8	1.6	<0.002	1.72	0.11	0.2	1	<0.2	22.4	<0.05	0.07	0.11	0.006	0.03
441425		170	0.9	0.9	<0.002	0.88	0.10	0.1	1	<0.2	12.3	<0.05	0.08	0.09	0.005	<0.02
441426		210	2.0	1.6	<0.002	0.26	0.10	0.3	1	<0.2	70.3	0.05	<0.05	0.14	0.006	0.03
441427		940	206	490	0.003	3.44	2.19	5.0	3	1.3	252	0.90	0.80	1.81	0.496	1.94
441428		150	1.9	0.5	<0.002	0.10	0.87	0.3	1	<0.2	34.4	<0.05	0.08	0.11	<0.005	0.03
441429		100	1.9	0.9	<0.002	0.07	0.22	0.2	1	<0.2	39.6	<0.05	0.07	0.08	<0.005	0.05
441430		180	3.7	0.3	0.002	0.09	0.17	0.3	1	<0.2	185.5	<0.05	0.05	0.08	<0.005	0.03
441431		50	2.6	0.8	0.003	<0.01	0.25	0.2	<1	0.2	107.5	<0.05	0.05	0.40	<0.005	0.11
441432		70	1.0	0.1	0.003	0.16	0.24	0.3	<1	<0.2	19.2	<0.05	0.12	0.06	<0.005	0.04
441433		90	0.7	0.1	0.004	0.07	0.13	0.2	<1	<0.2	19.6	<0.05	<0.05	0.04	<0.005	0.02
441434		120	1.4	0.1	<0.002	0.22	0.16	0.3	<1	<0.2	31.6	<0.05	0.10	0.05	<0.005	0.04
441435		60	1.2	0.2	<0.002	0.15	0.14	0.4	1	<0.2	40.8	<0.05	<0.05	0.03	<0.005	<0.02
441436		1100	65.8	298	0.004	3.62	1.59	6.6	2	2.0	370	1.22	2.93	1.82	0.587	1.39
441437		90	2.5	0.5	0.002	1.77	0.19	0.3	1	<0.2	65.7	<0.05	0.11	0.06	<0.005	0.02
441438		150	2.6	0.3	0.002	2.70	0.21	0.4	2	<0.2	38.3	<0.05	0.19	0.10	0.005	<0.02
441439		240	3.1	1.7	<0.002	0.56	0.17	0.7	1	<0.2	130.0	0.05	0.05	0.18	0.012	0.05
441440		440	3.0	4.3	0.002	0.21	0.17	1.3	1	0.2	89.6	0.13	0.05	0.60	0.033	0.12

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178957

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441421		0.1	11	0.2	5.0	21	3.0
441422		0.1	10	0.2	4.6	21	2.8
441423		0.1	13	0.3	7.6	19	4.5
441424		0.1	6	0.2	4.5	21	2.2
441425		<0.1	7	0.2	2.7	22	2.0
441426		0.1	24	0.3	6.2	33	3.9
441427		1.0	62	0.5	6.3	361	71.8
441428		0.1	8	0.4	4.2	12	3.4
441429		0.1	10	0.1	4.1	22	2.2
441430		0.1	9	0.2	13.5	36	4.7
441431		0.3	3	0.2	0.7	19	0.8
441432		0.1	4	0.1	3.0	16	1.9
441433		0.1	6	0.1	3.5	14	1.7
441434		0.1	7	0.1	4.8	20	1.8
441435		0.1	7	0.1	4.7	23	2.2
441436		1.4	77	0.7	7.7	71	87.6
441437		0.1	7	0.1	6.0	35	2.8
441438		0.1	10	0.1	3.7	42	2.5
441439		0.1	17	0.3	6.5	38	3.5
441440		0.5	26	0.4	6.8	55	10.4

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CERTIFICAT D'ANALYSE VO17178957

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- GRA21 Au- ICP21 Hg- MS42 ME- MS61

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Finalisée date: 19- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17178964

Projet: KAN

Bon de commande #: KAN- 001

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178964

Description échantillon	Méthode élément unités L.D.	Au- ICP21 Au ppm 0.001	Au- GRA21 Au ppm 0.05	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441401		0.003		<0.01	0.05	<0.2	<10	0.21	0.02	1.13	0.03	4.89	1.6	9	0.16	1.9
441402		0.003		0.01	0.05	0.2	<10	0.19	0.02	1.11	0.02	5.18	1.6	8	0.16	2.0
441403		0.002		0.02	0.21	0.7	10	0.33	0.03	9.03	0.14	9.56	3.4	17	0.89	4.5
441404		0.025		0.01	0.06	0.5	<10	0.17	0.02	1.70	0.06	4.78	2.1	12	0.36	3.5
441405		0.028		<0.01	0.13	0.7	<10	0.27	0.02	5.49	0.13	7.49	3.0	10	0.64	6.6
441406		0.015		0.01	0.10	0.4	<10	0.29	0.01	8.38	0.23	7.13	2.5	11	0.22	6.4
441407		8.63		1.69	8.39	110.0	210	4.26	4.14	2.12	4.90	27.3	18.7	65	2.71	126.5
441408		0.012		0.02	0.12	0.8	10	0.26	0.02	8.82	0.26	10.00	2.8	5	0.11	8.2
441409		0.001		0.01	0.18	1.0	10	0.19	0.02	5.48	0.16	6.72	2.8	10	0.29	10.2
441410		0.008		0.04	0.30	0.5	10	0.22	0.02	8.37	0.31	9.30	4.2	12	0.26	20.1
441411		<0.001		0.01	0.15	0.2	200	0.08	0.03	18.65	0.09	1.97	0.5	2	0.65	2.0
441412		0.057		0.02	0.22	<0.2	10	0.31	0.01	9.01	0.28	9.40	2.7	9	0.18	9.9
441413		0.082		0.04	0.20	<0.2	<10	0.33	0.03	3.80	0.18	8.83	3.6	7	0.14	21.9
441414		0.003		0.19	0.09	0.5	<10	0.29	0.03	2.85	0.15	12.45	3.5	7	<0.05	111.5
441415		0.014		0.03	0.23	1.5	<10	0.27	0.02	7.29	0.19	8.29	3.5	7	0.13	12.8
441416		>10.0	18.05	0.96	8.02	71.1	310	2.98	15.20	2.48	0.79	25.8	23.0	76	2.03	255
441417		0.004		0.01	0.20	2.7	<10	0.27	0.03	8.14	0.19	8.29	5.0	5	0.20	4.2
441418		0.014		0.09	0.19	6.2	10	0.25	0.06	3.18	0.08	16.30	6.6	6	0.06	31.1
441419		0.425		0.15	0.33	0.5	10	0.22	0.04	3.10	0.13	10.40	5.9	7	0.06	50.3
441420		0.034		0.04	0.22	2.0	<10	0.26	0.02	7.26	0.15	8.74	4.1	8	0.08	11.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178964

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441401		13.75	0.70	0.07	0.1	0.005	0.010	0.01	3.0	0.6	1.12	4870	0.18	<0.01	0.6	1.6
441402		14.35	0.66	0.10	0.1	<0.005	0.009	0.01	3.2	0.7	1.14	5110	0.20	<0.01	0.6	1.5
441403		18.00	1.75	0.13	0.1	0.009	0.011	0.04	5.8	1.4	3.96	6180	0.39	<0.01	1.3	3.8
441404		13.50	0.58	0.09	<0.1	<0.005	0.015	0.01	3.0	0.5	1.52	4900	0.16	<0.01	0.5	1.7
441405		16.95	1.00	0.12	0.1	0.092	0.008	0.02	4.6	1.2	2.94	5990	0.22	<0.01	0.9	2.2
441406		20.0	0.72	0.11	<0.1	0.009	0.012	0.01	4.3	1.5	4.22	6510	0.17	<0.01	0.7	1.3
441407		5.76	27.9	0.15	1.7	0.017	0.200	4.87	14.0	2.6	1.65	465	1.65	3.59	14.5	67.2
441408		17.95	0.95	0.13	<0.1	0.011	0.011	0.02	6.1	1.7	3.78	7020	0.14	0.01	0.5	1.6
441409		15.20	1.05	0.13	0.1	0.005	0.015	0.02	4.1	1.9	2.89	5460	0.18	<0.01	0.7	1.9
441410		17.00	1.40	0.10	<0.1	0.019	0.017	0.02	5.3	3.9	3.34	6770	0.19	<0.01	0.4	2.5
441411		0.41	0.48	0.10	0.1	<0.005	0.005	0.11	1.1	24.3	13.65	371	0.11	0.03	0.4	0.6
441412		15.85	1.28	0.12	<0.1	0.012	0.012	0.02	5.4	3.3	3.81	6610	0.14	<0.01	0.3	1.4
441413		23.3	1.19	0.14	<0.1	0.030	0.016	0.02	5.3	2.8	3.48	7580	0.15	<0.01	0.9	4.1
441414		27.0	0.82	0.16	<0.1	0.027	0.023	<0.01	7.9	1.9	3.67	7750	0.14	<0.01	0.3	11.9
441415		17.05	1.33	0.11	<0.1	0.009	0.013	0.01	4.9	3.9	3.64	7030	0.28	<0.01	0.7	2.5
441416		6.23	25.5	0.17	1.9	0.086	0.382	4.20	12.8	2.7	1.87	493	1.40	2.94	16.0	82.9
441417		19.65	1.28	0.15	0.1	<0.005	0.012	0.01	5.5	2.9	4.19	8260	0.38	<0.01	1.2	4.4
441418		24.7	1.28	0.16	0.1	0.021	0.018	0.01	8.0	2.1	3.31	11800	0.46	<0.01	6.2	5.9
441419		22.9	1.88	0.17	0.2	0.034	0.032	0.01	5.9	3.5	3.49	10400	0.34	<0.01	2.3	5.7
441420		19.25	1.33	0.15	0.1	0.013	0.014	0.01	5.3	2.9	3.83	8210	0.52	<0.01	1.4	2.7

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CERTIFICAT D'ANALYSE VO17178964

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441401		190	1.1	0.4	0.002	0.05	0.18	0.2	<1	<0.2	9.4	<0.05	0.05	0.11	<0.005	0.02
441402		210	1.1	0.4	<0.002	0.04	0.19	0.2	<1	<0.2	9.5	<0.05	<0.05	0.15	<0.005	<0.02
441403		180	3.0	1.5	<0.002	0.17	0.17	0.7	1	<0.2	101.0	0.08	0.06	0.25	0.012	0.03
441404		210	0.7	0.5	0.002	0.18	0.13	0.3	<1	<0.2	16.7	<0.05	<0.05	0.06	<0.005	<0.02
441405		260	3.0	1.0	<0.002	0.26	0.12	0.5	1	<0.2	60.7	0.06	0.05	0.13	0.006	0.02
441406		250	2.4	0.4	<0.002	0.11	0.11	0.4	<1	<0.2	93.7	<0.05	<0.05	0.09	<0.005	<0.02
441407		950	196.0	500	0.005	3.41	2.53	5.4	4	1.3	263	0.97	1.05	1.61	0.493	2.06
441408		910	2.8	0.6	<0.002	0.27	0.14	0.5	1	<0.2	117.5	<0.05	<0.05	0.11	<0.005	<0.02
441409		170	1.7	0.7	<0.002	0.38	0.13	0.5	1	<0.2	70.0	<0.05	<0.05	0.11	0.007	0.02
441410		420	2.6	0.8	<0.002	0.75	0.11	0.6	1	<0.2	143.5	0.05	<0.05	0.10	<0.005	<0.02
441411		40	2.8	2.7	<0.002	0.01	0.15	0.3	<1	<0.2	133.5	<0.05	<0.05	0.15	0.006	0.17
441412		250	2.5	0.7	<0.002	0.38	0.12	0.6	1	<0.2	149.0	<0.05	<0.05	0.08	<0.005	0.02
441413		260	1.5	0.6	0.002	1.01	0.11	0.4	2	<0.2	63.8	<0.05	0.08	0.09	<0.005	<0.02
441414		300	13.3	0.1	<0.002	3.68	0.16	0.4	2	<0.2	39.1	<0.05	0.20	0.14	<0.005	<0.02
441415		400	3.1	0.4	<0.002	0.51	0.15	0.6	1	<0.2	121.5	<0.05	<0.05	0.14	0.007	<0.02
441416		1080	64.5	306	0.004	3.48	1.28	6.6	1	1.9	360	1.10	2.41	1.77	0.578	1.31
441417		220	2.4	0.7	<0.002	0.14	0.29	0.6	1	<0.2	116.0	0.07	<0.05	0.20	0.014	<0.02
441418		550	2.9	0.7	<0.002	1.53	0.27	0.7	1	<0.2	34.8	0.23	0.13	1.18	0.015	0.04
441419		400	4.7	0.7	0.002	2.08	0.23	0.7	1	<0.2	40.5	0.11	0.18	0.39	0.016	0.02
441420		220	6.9	0.2	<0.002	0.53	0.13	0.5	1	<0.2	86.8	0.06	0.07	0.23	0.011	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178964

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441401		0.1	7	0.1	3.1	8	3.2
441402		0.1	7	0.1	3.3	8	3.1
441403		0.4	19	0.2	6.6	17	6.2
441404		0.1	7	0.1	3.1	14	1.7
441405		0.2	12	0.1	4.8	21	3.8
441406		0.1	9	0.1	6.0	27	2.5
441407		1.0	62	0.5	6.8	377	75.5
441408		0.1	10	0.1	9.2	34	2.9
441409		0.2	13	0.1	5.5	24	3.2
441410		0.1	18	0.1	8.3	30	1.7
441411		0.2	2	0.4	1.3	25	2.0
441412		0.1	14	0.1	8.4	27	1.1
441413		0.1	13	0.1	5.6	31	2.4
441414		0.1	7	0.1	4.8	39	2.2
441415		0.1	15	0.1	7.6	30	2.8
441416		1.4	76	0.7	7.6	73	86.1
441417		0.1	15	0.4	6.7	24	5.2
441418		0.3	14	0.2	5.6	26	8.6
441419		0.2	20	0.2	4.8	48	7.0
441420		0.1	15	0.2	6.1	29	4.6

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CERTIFICAT D'ANALYSE VO17178964

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- GRA21 Au- ICP21 Hg- MS42 ME- MS61

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Finalisée date: 19- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17178968

Projet: KAN

Bon de commande #: KAN- 006

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 24- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178968

Description échantillon	Méthode élément unités L.D.	Au- ICP21 Au ppm 0.001	Au- GRA21 Au ppm 0.05	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441501		0.033		<0.01	0.13	4.4	10	1.46	0.02	1.75	0.03	17.35	3.1	6	1.02	1.3
441502		0.063		<0.01	0.11	7.5	10	1.41	0.01	1.59	0.02	16.90	3.2	10	0.99	1.3
441503		0.001		0.01	0.19	3.8	10	1.05	0.02	1.48	0.02	7.75	4.3	7	1.68	1.7
441504		0.002		0.01	0.21	5.7	20	1.46	0.03	1.33	<0.02	11.65	4.6	12	1.54	2.1
441505		<0.001		<0.01	0.12	1.3	10	1.05	0.03	1.64	<0.02	10.20	2.7	7	0.90	0.8
441506		<0.001		<0.01	0.11	2.2	10	1.06	0.03	1.34	<0.02	10.50	2.6	6	1.39	0.8
441507		8.65		1.68	8.13	89.9	210	4.15	3.78	1.97	4.65	30.1	17.8	60	2.76	122.5
441508		0.002		<0.01	0.09	1.0	10	0.53	0.03	0.75	<0.02	5.67	2.3	38	1.09	0.7
441509		0.067		<0.01	0.12	0.9	<10	0.37	0.03	0.83	0.03	6.16	2.8	9	0.40	1.3
441510		0.364		0.04	0.27	1.1	20	0.26	0.04	2.35	0.07	8.66	5.2	6	1.55	3.4
441511		<0.001		<0.01	0.04	0.6	90	<0.05	0.03	18.55	0.06	1.30	0.4	2	0.38	0.5
441512		1.095		0.06	0.19	3.8	20	0.17	0.03	1.63	0.07	9.05	3.9	14	1.35	3.1
441513		0.184		<0.01	0.14	8.4	10	0.14	0.04	1.29	0.06	9.13	3.8	9	0.29	2.7
441514		0.050		<0.01	0.20	20.8	20	0.22	0.03	1.55	0.07	8.42	5.6	8	0.64	2.1
441515		<0.001		<0.01	0.11	1.7	10	0.58	0.03	2.03	0.03	15.05	2.8	7	0.19	0.8
441516		>10.0	18.05	0.92	8.02	62.0	330	2.79	17.35	2.40	0.77	29.9	21.1	73	2.09	247
441517		0.004		<0.01	0.16	12.3	10	0.28	0.04	1.86	0.04	10.20	4.3	6	0.70	1.3
441518		<0.001		<0.01	0.25	5.0	30	0.34	0.03	2.88	0.03	9.96	5.6	7	1.73	0.6
441519		0.001		<0.01	0.23	5.8	20	0.51	0.03	3.89	<0.02	9.67	4.4	9	1.14	1.1
441520		0.004		<0.01	0.17	19.0	20	0.26	0.03	5.43	0.05	8.77	3.7	8	1.11	0.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178968

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441501		26.3	0.90	0.17	0.1	0.017	0.010	0.03	10.9	1.0	2.26	7330	0.37	<0.01	1.0	2.7
441502		24.1	0.94	0.17	0.1	<0.005	0.010	0.03	10.5	1.0	2.04	6810	0.37	<0.01	1.0	2.6
441503		25.3	1.11	0.17	0.2	<0.005	0.010	0.05	4.9	1.3	2.46	6770	0.70	<0.01	1.5	3.6
441504		26.6	0.86	<0.05	0.2	0.005	0.007	0.04	7.0	1.1	2.44	7110	0.42	<0.01	1.7	3.8
441505		22.9	0.50	<0.05	0.1	<0.005	0.006	0.03	6.2	0.6	2.33	6310	0.41	<0.01	0.9	2.4
441506		21.7	0.47	0.05	0.1	<0.005	0.005	0.03	6.4	0.6	2.04	6110	0.40	<0.01	0.8	2.3
441507		5.49	25.2	0.07	1.6	0.018	0.183	4.72	15.5	2.5	1.62	437	1.48	3.45	13.8	68.0
441508		18.70	0.41	<0.05	<0.1	<0.005	<0.005	0.02	3.4	0.4	1.42	5350	0.34	<0.01	0.6	2.3
441509		21.4	0.52	<0.05	0.1	<0.005	<0.005	0.01	3.9	0.4	1.54	6820	0.31	<0.01	0.7	2.2
441510		24.4	1.02	<0.05	0.1	0.008	0.007	0.05	5.7	1.5	2.69	7280	0.24	<0.01	1.6	3.7
441511		0.23	0.15	0.13	<0.1	<0.005	<0.005	0.03	0.8	11.9	12.65	360	0.10	0.03	0.1	0.7
441512		19.20	0.71	<0.05	0.1	0.048	0.005	0.03	5.8	1.0	1.74	5970	0.27	<0.01	1.1	2.7
441513		17.40	0.59	<0.05	0.1	<0.005	0.007	0.01	6.0	0.6	1.64	5750	0.28	<0.01	1.1	2.4
441514		22.3	0.80	<0.05	0.1	<0.005	0.007	0.03	5.5	1.1	2.20	6910	0.39	<0.01	1.6	3.5
441515		22.6	0.56	<0.05	0.1	0.005	<0.005	0.01	9.7	0.5	1.69	7240	0.48	<0.01	0.9	1.7
441516		6.17	22.5	0.06	1.9	0.089	0.416	4.29	13.8	2.3	1.87	478	1.38	2.95	15.1	80.5
441517		21.9	0.68	0.05	0.1	0.005	0.007	0.04	6.9	1.0	2.27	6950	0.47	<0.01	1.2	2.6
441518		25.2	0.97	0.05	0.1	<0.005	0.007	0.05	6.0	1.8	2.61	8820	0.51	<0.01	2.1	3.1
441519		21.9	0.89	<0.05	0.1	<0.005	0.005	0.04	5.8	1.5	2.68	7590	0.34	<0.01	1.6	2.8
441520		19.90	0.69	<0.05	0.1	<0.005	0.005	0.05	5.3	1.4	3.30	6750	0.26	<0.01	1.5	2.4

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Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178968

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441501		1320	1.1	1.2	<0.002	0.04	0.18	0.6	1	<0.2	22.9	0.06	<0.05	0.22	0.009	0.02
441502		1240	0.9	1.1	<0.002	0.04	0.18	0.6	<1	<0.2	21.9	0.05	0.05	0.14	0.008	0.02
441503		370	1.2	1.9	<0.002	0.08	0.19	0.6	1	<0.2	17.7	0.09	<0.05	0.21	0.013	0.04
441504		470	1.3	1.9	<0.002	0.13	0.21	0.6	1	<0.2	14.7	0.10	0.06	0.28	0.016	0.04
441505		470	0.8	1.1	<0.002	0.04	0.27	0.4	<1	<0.2	16.6	0.06	<0.05	0.15	0.009	0.03
441506		530	0.6	1.2	<0.002	0.04	0.21	0.3	<1	<0.2	14.0	<0.05	<0.05	0.13	0.008	0.02
441507		910	188.5	480	0.002	3.31	2.23	5.1	3	1.3	247	0.94	0.79	1.65	0.464	2.01
441508		220	0.5	1.0	<0.002	0.03	0.18	0.3	<1	<0.2	7.8	<0.05	<0.05	0.09	0.006	<0.02
441509		190	0.5	0.3	<0.002	0.11	0.17	0.2	<1	<0.2	8.6	<0.05	<0.05	0.12	0.007	<0.02
441510		210	1.2	1.9	<0.002	0.35	0.18	0.4	1	<0.2	32.6	0.08	<0.05	0.19	0.012	0.04
441511		30	3.4	0.9	<0.002	<0.01	0.22	0.1	<1	<0.2	185.0	<0.05	<0.05	0.08	<0.005	0.05
441512		300	1.0	1.4	<0.002	0.24	0.16	0.3	<1	<0.2	24.1	0.06	0.06	0.13	0.008	0.03
441513		240	1.1	0.3	<0.002	0.20	0.18	0.3	<1	<0.2	17.6	0.06	<0.05	0.19	0.011	<0.02
441514		220	1.4	1.4	<0.002	0.15	0.17	0.4	1	<0.2	20.1	0.08	<0.05	0.23	0.015	0.04
441515		500	1.1	0.4	<0.002	0.03	0.15	0.3	<1	<0.2	24.0	0.06	<0.05	0.14	0.006	<0.02
441516		1060	66.5	321	0.006	3.50	1.39	5.8	1	1.8	345	1.09	2.35	1.80	0.565	1.32
441517		360	1.0	1.8	<0.002	0.09	0.19	0.3	<1	<0.2	21.5	0.07	<0.05	0.19	0.011	0.05
441518		270	1.2	2.2	<0.002	0.03	0.25	0.5	<1	<0.2	31.4	0.08	<0.05	0.50	0.015	0.06
441519		260	1.4	1.6	<0.002	0.07	0.20	0.4	1	<0.2	40.5	0.08	<0.05	0.26	0.011	0.05
441520		230	1.8	2.3	<0.002	0.03	0.29	0.3	<1	<0.2	61.0	0.06	<0.05	0.23	0.011	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO17178968

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441501		0.1	12	0.1	12.5	8	3.7
441502		0.1	12	0.1	12.4	7	3.5
441503		0.2	16	0.2	8.2	6	6.1
441504		0.3	20	0.2	9.4	6	8.4
441505		0.1	12	0.1	8.5	5	3.1
441506		0.1	10	0.1	8.3	5	2.7
441507		0.9	60	0.5	6.3	359	73.1
441508		0.1	9	0.1	4.7	4	2.1
441509		0.1	10	0.1	4.0	8	3.3
441510		0.2	17	0.2	4.5	18	5.6
441511		0.2	2	0.3	0.5	18	1.0
441512		0.1	12	0.1	4.3	14	3.5
441513		0.2	12	0.1	3.8	18	5.4
441514		0.2	17	0.1	4.5	14	7.8
441515		0.1	13	0.1	7.1	9	4.5
441516		1.2	75	0.8	7.1	65	82.4
441517		0.2	15	0.1	5.1	14	6.5
441518		0.2	18	0.1	5.3	6	5.8
441519		0.2	18	0.1	5.9	5	5.7
441520		0.1	13	0.1	5.0	9	4.1

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QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17178968

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- GRA21 Au- ICP21 Hg- MS42 ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17185251

Projet: KAN

Ce rapport s'applique aux 101 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 29- AOUT- 2017.

Les résultats sont transmis à:

ROSSE ANNE BOUCHARD CYNTHIA LEE CORPORATIF WEBTREIVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

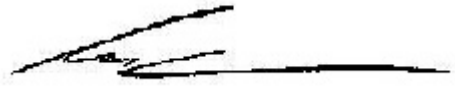
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: CYNTHIA LEE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 8- OCT- 2017
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CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
386112		0.84	<0.001	0.02	1.86	2.1	130	2.47	0.04	1.62	0.06	11.65	2.0	19	3.07	22.5
386113		0.87	0.004	0.05	1.75	8.2	360	1.62	0.04	0.70	0.03	36.2	4.5	21	11.30	183.0
386114		0.89	0.002	0.19	4.70	1.1	100	1.67	0.29	1.04	0.14	8.48	3.2	42	2.55	105.5
403436		1.14	<0.001	0.17	4.95	4.7	310	1.56	0.07	0.04	<0.02	39.9	1.4	77	2.20	13.8
403437		0.65	0.002	0.21	12.10	4.6	590	3.66	0.11	0.01	<0.02	88.3	0.3	135	6.96	9.3
403438		1.03	<0.001	0.02	0.13	0.6	<10	<0.05	0.02	0.11	<0.02	0.65	0.7	38	0.06	6.2
403439		0.95	<0.001	0.01	0.13	0.8	10	0.06	0.02	<0.01	<0.02	1.02	2.3	65	0.91	6.6
403440		0.85	0.001	0.01	0.05	4.9	10	0.42	0.01	3.27	0.02	6.23	3.1	19	<0.05	1.6
403441		0.68	0.013	0.13	11.40	1.0	530	3.94	0.42	0.02	0.18	65.7	4.3	117	5.97	47.7
403442		1.24	<0.001	<0.01	0.03	0.4	<10	0.25	0.01	2.51	<0.02	9.50	0.9	20	<0.05	1.7
403443		1.18	<0.001	0.01	0.02	1.2	<10	<0.05	0.01	1.09	<0.02	4.39	1.2	46	<0.05	3.2
403444		0.70	0.007	0.13	8.31	8.5	380	1.80	0.25	0.02	<0.02	77.5	0.2	90	4.08	12.5
403445		0.92	<0.001	0.01	0.03	0.3	<10	0.12	<0.01	0.61	<0.02	13.35	1.6	16	<0.05	2.4
403446		0.79	<0.001	<0.01	0.25	0.7	20	0.44	0.01	0.09	0.02	5.54	3.8	42	0.90	1.3
403447		1.18	0.005	1.46	4.43	189.5	140	1.22	0.37	0.42	0.07	53.2	69.6	65	0.87	151.5
403448		1.03	<0.001	0.20	0.63	6.1	60	0.35	0.04	0.36	0.08	11.30	1.6	82	0.42	29.7
403449		1.27	<0.001	0.21	3.68	17.6	280	2.55	0.13	1.16	0.48	50.2	7.6	51	1.85	19.2
453463		1.27	0.001	0.19	10.05	0.8	1930	1.15	0.09	1.37	2.46	32.6	21.9	114	2.29	118.5
453464		0.55	<0.001	0.03	5.53	<0.2	130	0.68	0.44	0.16	0.03	19.25	13.8	80	6.12	41.5
453465		0.76	0.002	0.82	2.59	191.5	170	0.91	0.45	0.25	0.04	25.8	121.0	46	1.47	150.5
453466		1.09	0.001	0.14	7.43	1.1	420	3.21	0.19	0.26	0.28	7.22	11.7	123	5.01	31.9
453467		1.23	<0.001	0.03	0.48	1.4	<10	0.05	0.05	0.01	0.02	2.00	0.8	51	<0.05	25.3
453468		1.21	<0.001	0.05	5.15	<0.2	20	0.19	0.01	7.01	0.09	10.50	32.3	17	0.21	187.5
453557		0.93	<0.001	0.02	2.23	6.4	<10	0.11	0.01	0.03	<0.02	1.33	3.2	54	0.69	7.4
453558		0.71	<0.001	<0.01	0.19	1.2	10	0.65	<0.01	0.12	0.22	5.04	4.4	8	2.40	0.9
453559		1.04	<0.001	0.02	0.94	0.4	10	0.07	0.01	0.03	<0.02	2.83	0.6	52	0.99	9.1
453560		0.70	<0.001	0.01	0.52	2.4	10	0.10	0.01	0.05	0.03	4.07	1.2	75	1.90	7.9
453561		0.91	<0.001	0.04	1.30	1.2	30	0.20	0.04	0.13	0.07	2.53	2.6	72	5.31	19.6
453562		1.35	0.007	0.07	3.49	8.6	20	0.36	0.13	0.03	<0.02	7.11	1.9	140	3.68	21.6
453563		1.16	<0.001	0.13	1.68	2.4	90	0.41	0.30	0.08	0.02	8.63	1.4	56	0.78	2.6
453564		1.20	<0.001	0.01	7.56	10.7	510	1.66	0.01	0.30	0.05	47.6	13.9	91	2.85	2.7
453565		0.84	<0.001	0.03	6.14	6.5	40	0.65	0.09	0.06	0.07	7.75	17.3	96	0.44	52.2
453566		1.00	<0.001	0.04	1.22	0.9	180	0.38	0.02	0.45	0.02	10.40	1.9	27	1.32	1.6
453567		1.30	<0.001	0.01	1.36	0.4	120	0.16	0.02	0.10	<0.02	14.15	1.1	20	0.59	1.2
453568		0.61	0.004	0.05	7.70	14.8	20	0.35	0.01	7.24	0.11	7.27	39.2	19	0.14	124.5
453569		0.83	0.004	0.39	6.67	3.8	1000	2.55	0.17	0.12	<0.02	10.60	0.9	79	0.66	22.5
453570		1.25	<0.001	0.03	1.32	0.6	150	0.35	0.03	0.34	<0.02	9.66	2.0	22	0.89	1.7
453571		0.93	0.004	0.08	7.22	3.3	10	0.32	0.01	7.74	0.16	8.49	44.8	13	0.11	141.0
453612		1.15	<0.001	0.09	7.24	9.8	70	0.93	0.05	0.38	0.02	5.59	6.2	95	0.45	43.9
453613		1.62	<0.001	0.08	9.32	0.8	430	1.54	0.10	0.05	<0.02	8.49	0.5	175	4.53	22.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
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Finalisée date: 8- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
386112		11.45	5.08	0.06	0.6	0.020	0.034	0.20	7.9	1.2	1.80	857	0.60	0.10	2.5	10.6
386113		20.2	4.86	0.11	0.7	0.142	0.037	0.68	30.7	0.5	1.88	2280	0.61	0.05	3.1	9.2
386114		20.4	14.45	0.13	1.9	0.087	0.036	0.21	4.5	4.7	2.78	1460	0.49	0.05	7.5	9.5
403436		2.96	12.85	0.07	1.2	0.019	0.033	1.88	21.4	20.6	0.46	118	2.65	0.40	2.2	7.0
403437		1.60	38.8	0.16	7.3	0.103	0.113	5.87	44.6	38.9	0.53	22	9.17	0.33	45.0	3.7
403438		1.21	0.57	<0.05	<0.1	0.010	<0.005	0.03	<0.5	1.6	0.08	255	2.17	<0.01	0.2	11.9
403439		3.30	0.83	<0.05	0.1	0.018	<0.005	0.04	0.5	0.4	0.14	1800	3.62	<0.01	0.5	10.5
403440		18.55	0.34	0.07	0.1	0.006	0.007	0.01	3.7	1.3	3.12	3820	1.49	<0.01	0.6	12.0
403441		3.42	30.1	0.13	5.5	0.209	0.183	5.72	37.5	60.3	0.62	152	34.5	0.12	49.2	19.2
403442		15.00	0.24	0.07	<0.1	0.006	<0.005	0.01	5.7	0.7	3.10	2930	1.29	<0.01	0.2	6.5
403443		5.55	0.13	<0.05	<0.1	<0.005	<0.005	<0.01	2.6	0.3	0.71	1270	2.78	<0.01	0.1	5.5
403444		1.28	28.2	0.14	5.7	0.308	0.109	4.60	41.8	45.9	0.62	31	13.25	0.08	41.5	2.1
403445		17.45	0.30	0.08	<0.1	<0.005	<0.005	0.01	7.5	0.6	2.54	3220	0.90	<0.01	0.6	4.7
403446		12.55	1.53	0.05	0.2	0.011	0.008	0.15	2.9	0.3	0.98	6580	2.46	0.01	1.3	6.8
403447		18.75	12.15	0.14	2.4	0.042	0.029	0.60	25.4	59.0	1.95	299	5.30	0.03	2.4	72.2
403448		1.31	1.69	<0.05	0.5	0.008	0.005	0.27	5.5	4.6	0.13	150	7.19	0.01	2.0	11.8
403449		18.60	9.88	0.10	2.3	0.020	0.055	1.49	23.4	12.0	0.54	7140	2.75	0.40	3.1	21.4
453463		6.44	24.7	0.09	4.1	0.014	0.160	2.56	15.4	25.3	1.47	283	3.65	4.44	31.1	115.0
453464		17.40	17.40	0.08	1.6	<0.005	0.074	1.08	12.4	19.7	2.34	4020	1.49	0.02	11.9	23.4
453465		34.4	8.39	0.15	1.5	0.150	0.065	0.73	13.1	3.4	0.63	114	19.20	0.62	15.2	7.5
453466		10.95	20.3	0.07	2.4	0.005	0.078	3.31	5.0	24.7	1.12	3300	5.92	0.44	17.4	22.9
453467		1.14	0.60	<0.05	0.9	0.007	<0.005	0.02	1.0	0.5	0.02	44	3.03	0.34	0.2	8.3
453468		8.84	16.70	0.06	1.0	0.036	0.107	0.08	3.8	3.9	2.35	1320	1.21	1.26	2.7	20.3
453557		8.07	8.07	<0.05	0.3	<0.005	0.050	0.01	0.6	3.3	0.96	388	7.52	0.01	1.6	14.0
453558		26.5	0.66	0.06	0.1	0.020	0.008	0.06	2.8	0.7	2.50	6700	0.83	<0.01	1.6	3.8
453559		3.14	3.11	<0.05	0.1	0.021	0.007	0.08	1.6	5.3	0.43	510	2.93	<0.01	0.7	2.2
453560		3.07	1.70	<0.05	0.3	0.033	0.008	0.11	2.0	2.7	0.23	736	4.31	<0.01	1.7	5.7
453561		7.55	4.42	0.05	0.7	0.121	0.023	0.31	1.0	7.4	0.64	2030	4.41	0.01	6.4	6.6
453562		16.95	11.45	0.06	1.9	0.142	0.029	0.26	3.8	14.6	1.57	1670	6.44	<0.01	12.8	4.9
453563		1.57	3.93	<0.05	0.3	0.056	0.010	0.54	4.4	7.4	0.28	398	3.02	0.21	1.3	5.8
453564		5.88	16.45	0.08	3.8	0.007	0.039	2.02	21.9	43.3	1.49	1580	1.27	1.21	5.7	28.8
453565		16.95	19.80	0.11	2.8	0.017	0.100	0.12	3.2	24.6	2.49	2140	7.88	1.83	14.4	29.1
453566		1.57	2.62	0.05	0.7	0.009	<0.005	0.65	5.2	8.8	0.17	199	1.37	0.18	1.3	5.2
453567		0.58	2.31	<0.05	0.9	0.008	<0.005	0.40	5.8	5.2	0.05	45	1.01	0.52	0.9	2.4
453568		8.34	14.40	0.06	0.8	0.005	0.062	0.07	2.9	11.9	4.51	1510	0.70	1.26	2.3	58.3
453569		9.07	17.95	0.07	2.5	0.014	0.064	2.87	6.4	38.2	1.40	683	5.42	0.04	10.2	2.9
453570		0.96	2.75	<0.05	0.7	<0.005	<0.005	0.51	4.6	6.8	0.13	116	1.02	0.30	1.2	3.7
453571		10.50	16.40	0.06	1.0	<0.005	0.074	0.08	3.3	5.6	3.94	1740	0.70	1.05	3.4	43.7
453612		9.14	20.8	0.06	2.1	0.067	0.103	0.41	2.1	26.0	3.13	993	2.48	2.63	6.0	9.0
453613		8.61	24.3	0.07	4.4	0.151	0.067	3.98	3.6	30.7	0.95	169	13.45	0.88	10.0	2.0

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CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
386112		90	3.0	9.2	0.002	0.29	0.36	3.7	1	2.0	3.4	0.21	0.09	3.40	0.061	0.03
386113		3280	2.4	35.5	<0.002	1.22	0.82	2.9	2	0.5	10.9	0.25	0.17	4.79	0.068	0.10
386114		250	7.3	20.9	<0.002	0.22	0.55	7.6	2	2.5	1.9	0.59	0.37	11.75	0.170	0.21
403436		130	7.9	71.5	<0.002	0.16	0.36	6.0	1	1.0	18.9	0.14	<0.05	6.74	0.082	2.04
403437		150	9.4	180.5	<0.002	0.18	2.20	26.8	2	4.4	33.2	2.49	0.08	7.85	0.729	7.59
403438		20	<0.5	0.8	<0.002	0.20	0.14	0.2	<1	<0.2	1.6	<0.05	<0.05	0.18	0.005	0.04
403439		10	3.1	2.5	<0.002	0.04	0.09	0.4	1	<0.2	1.5	<0.05	<0.05	0.11	0.010	<0.02
403440		70	2.1	0.5	<0.002	0.06	0.09	0.3	1	<0.2	87.6	<0.05	<0.05	0.12	<0.005	0.03
403441		140	13.0	138.5	0.006	0.06	2.79	14.3	3	4.0	17.3	2.97	0.60	8.71	0.571	5.88
403442		170	0.6	0.4	<0.002	0.09	0.06	0.1	1	<0.2	22.6	<0.05	<0.05	0.06	<0.005	<0.02
403443		170	0.9	0.1	<0.002	0.07	0.09	0.1	<1	<0.2	13.0	<0.05	<0.05	0.11	<0.005	<0.02
403444		140	11.9	114.5	0.006	0.72	3.81	11.6	2	3.4	6.9	2.69	0.37	9.53	0.389	4.05
403445		200	<0.5	0.3	<0.002	0.09	0.07	0.1	<1	<0.2	8.5	<0.05	<0.05	0.10	0.008	0.02
403446		280	0.6	3.8	<0.002	0.01	0.30	1.2	<1	<0.2	5.0	0.09	<0.05	0.24	0.029	<0.02
403447		2230	32.0	20.8	0.024	>10.0	3.59	7.7	9	1.1	18.3	0.17	0.36	7.47	0.078	1.10
403448		460	2.8	8.7	<0.002	0.30	0.71	1.3	1	0.3	13.0	0.13	<0.05	1.14	0.031	0.44
403449		1890	8.9	57.7	<0.002	0.02	0.85	5.5	1	1.4	65.0	0.16	0.07	6.06	0.060	2.37
453463		510	13.2	47.3	0.007	2.50	0.23	27.7	2	2.3	42.8	1.76	0.09	3.25	0.886	0.71
453464		390	1.7	72.8	0.002	1.12	<0.05	9.4	2	1.2	2.1	0.69	0.07	5.77	0.230	0.81
453465		170	37.1	30.0	0.009	>10.0	1.15	5.5	21	1.5	11.7	0.72	4.59	2.63	0.173	1.30
453466		330	16.0	187.0	0.010	0.58	0.23	13.4	2	1.8	45.9	1.09	0.08	8.73	0.403	0.93
453467		30	19.5	0.8	<0.002	0.55	0.10	0.3	1	<0.2	1.7	<0.05	<0.05	1.22	0.014	<0.02
453468		400	1.8	2.3	<0.002	0.08	0.40	31.1	1	0.8	182.5	0.17	<0.05	0.38	0.525	0.02
453557		60	1.1	1.4	<0.002	0.20	0.36	11.2	1	<0.2	0.7	0.12	0.07	0.34	0.050	0.02
453558		210	1.2	4.5	<0.002	0.02	1.10	0.6	<1	0.4	3.7	0.06	<0.05	0.17	0.010	0.02
453559		190	1.9	5.7	<0.002	0.11	0.10	1.7	1	<0.2	1.7	<0.05	<0.05	0.43	0.028	0.06
453560		150	0.6	9.9	<0.002	0.09	0.19	1.6	<1	<0.2	1.8	0.07	<0.05	0.63	0.038	0.11
453561		640	5.0	26.7	<0.002	0.21	0.19	5.7	1	0.3	10.6	0.39	0.11	0.78	0.155	0.36
453562		540	6.0	22.1	<0.002	0.31	0.53	10.3	2	0.3	11.3	0.89	0.21	2.33	0.432	0.32
453563		100	36.0	23.6	<0.002	0.01	0.16	1.9	<1	0.3	9.9	0.11	0.08	1.81	0.058	0.11
453564		170	4.0	87.8	<0.002	<0.01	0.16	9.8	<1	1.2	70.3	0.53	<0.05	9.37	0.247	0.43
453565		470	5.4	1.3	0.005	0.10	0.12	31.6	2	0.2	22.6	0.78	0.15	1.20	0.767	0.05
453566		1090	5.6	26.4	<0.002	0.04	0.08	0.7	<1	<0.2	23.6	0.07	<0.05	2.73	0.035	0.13
453567		500	5.0	16.4	<0.002	0.01	0.09	0.6	<1	<0.2	18.9	0.06	<0.05	3.59	0.027	0.08
453568		250	2.7	2.3	<0.002	0.02	0.84	46.3	1	0.3	96.5	0.15	<0.05	0.46	0.443	<0.02
453569		1390	5.1	66.7	0.003	0.32	0.27	11.6	3	1.6	9.1	0.70	0.30	10.15	0.261	0.34
453570		570	4.1	22.9	<0.002	0.02	0.08	0.7	<1	0.2	24.5	0.07	<0.05	2.43	0.031	0.13
453571		350	2.5	1.8	<0.002	0.06	0.35	49.7	1	0.5	102.5	0.20	0.07	0.56	0.750	0.02
453612		540	17.5	16.5	<0.002	0.12	0.67	36.0	2	1.7	20.9	0.36	0.15	1.23	0.832	0.35
453613		800	13.8	147.0	0.003	0.10	0.32	25.1	3	0.9	23.4	0.55	0.26	3.26	0.258	2.26

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
386112		0.5	41	0.1	10.7	46	25.5
386113		0.8	26	0.4	26.3	33	25.2
386114		1.1	68	0.2	10.2	93	72.2
403436		0.7	43	0.7	2.4	27	47.6
403437		7.9	217	2.8	12.7	21	278
403438		0.1	6	<0.1	0.4	4	1.7
403439		0.1	13	0.1	0.6	2	3.0
403440		0.3	11	0.1	3.8	11	3.2
403441		13.7	370	3.2	9.4	56	220
403442		0.2	4	<0.1	5.6	7	1.6
403443		<0.1	3	<0.1	1.9	7	0.8
403444		10.0	317	1.9	13.3	19	218
403445		0.3	6	0.1	6.1	10	2.1
403446		0.2	40	0.1	2.9	18	6.6
403447		7.6	276	1.5	12.2	159	90.9
403448		1.6	53	0.3	4.6	17	19.5
403449		4.1	92	0.6	13.2	221	84.3
453463		12.3	163	0.4	15.4	822	178.0
453464		2.9	160	0.1	8.9	59	62.2
453465		3.8	108	0.7	3.3	54	61.7
453466		3.9	259	3.7	12.7	119	91.9
453467		0.3	3	<0.1	0.6	3	34.8
453468		0.2	564	0.1	25.6	75	34.2
453557		0.6	254	0.2	1.1	160	12.9
453558		0.2	15	0.2	4.6	174	3.5
453559		0.2	43	0.1	0.7	35	3.6
453560		0.5	26	0.1	1.4	15	12.0
453561		1.8	79	0.2	3.3	46	26.6
453562		3.3	180	0.4	7.0	117	80.4
453563		0.3	22	0.3	1.2	17	13.2
453564		1.1	105	1.9	3.6	69	144.5
453565		2.4	437	0.6	7.6	238	119.5
453566		0.7	11	0.1	2.0	7	31.2
453567		0.5	7	0.1	1.8	5	36.3
453568		0.1	281	0.4	16.5	80	29.2
453569		4.1	177	3.4	18.0	103	94.4
453570		0.5	11	0.1	1.5	6	33.1
453571		0.1	476	0.2	20.2	107	37.3
453612		1.0	406	0.4	13.0	153	82.7
453613		6.6	195	1.0	7.1	42	173.0

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QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
453614		1.53	<0.001	0.04	2.07	5.0	180	0.57	0.03	0.02	<0.02	4.26	0.5	62	0.59	14.4
453615		1.75	0.227	0.08	0.39	0.8	40	0.16	0.05	0.75	0.22	4.15	7.2	25	8.30	41.6
453616		1.91	0.004	0.01	0.12	0.6	10	0.32	0.01	2.33	0.16	6.37	2.2	31	2.66	1.6
453617		1.63	6.81	0.08	0.08	1.1	10	0.13	0.03	0.54	0.10	1.56	6.2	43	1.52	24.0
453618		1.45	0.129	0.02	0.24	0.8	10	0.14	0.04	0.96	0.16	0.86	4.7	46	3.38	15.3
453619		1.60	0.759	0.03	0.16	0.8	20	0.40	0.04	2.11	0.09	2.11	1.9	38	3.44	6.6
453620		1.52	0.008	0.34	1.19	15.1	10	0.63	0.10	0.05	<0.02	25.1	2.6	30	0.54	114.5
453621		1.58	<0.001	0.11	0.61	0.8	20	0.21	0.02	0.03	<0.02	0.75	0.4	46	0.21	18.1
453622		1.63	0.003	0.33	1.59	98.1	20	0.47	0.13	0.55	0.02	5.54	1.2	28	0.71	136.5
453623		1.66	0.004	0.27	0.66	694	20	0.35	0.06	2.55	<0.02	7.46	0.6	15	0.80	77.1
453624		1.97	<0.001	0.06	1.39	4.3	20	0.46	0.02	0.04	<0.02	0.93	0.3	44	0.42	33.6
453625		1.67	<0.001	0.12	0.07	2.9	<10	0.27	0.05	0.05	<0.02	3.68	0.4	19	0.10	73.0
453626		1.68	<0.001	0.11	0.22	15.4	10	1.08	0.06	0.40	0.05	7.12	1.4	16	3.41	47.9
453627		1.12	<0.001	0.02	1.18	8.8	100	0.09	0.02	0.03	<0.02	0.44	2.5	87	0.17	11.3
453628		1.46	<0.001	0.08	3.19	6.9	100	0.50	0.03	0.04	0.11	4.85	1.2	73	1.65	52.7
453629		1.09	<0.001	0.04	5.47	2.6	230	0.52	0.03	3.07	0.04	32.2	13.9	16	0.26	72.1
453630		1.35	<0.001	0.18	5.77	77.3	70	0.58	0.05	0.24	0.19	11.45	14.5	92	0.41	293
453631		1.43	<0.001	0.08	7.18	1.0	250	0.91	0.05	0.11	<0.02	4.09	1.5	118	1.28	63.1
453632		0.90	0.002	0.13	4.13	102.0	200	1.32	0.16	0.02	<0.02	6.76	0.5	37	2.25	223
453633		1.49	<0.001	0.07	8.18	257	170	1.07	0.02	0.48	0.02	4.12	13.0	180	0.79	53.7
453634		1.37	0.003	0.07	1.73	41.4	100	0.42	0.11	0.09	<0.02	10.50	1.2	18	0.85	202
453635		1.65	<0.001	0.15	8.71	38.8	430	1.70	0.10	0.05	<0.02	17.15	0.7	62	2.39	21.4
453636		1.60	<0.001	0.16	8.56	28.1	450	1.89	0.08	0.05	0.02	16.35	2.3	42	2.79	51.6
453637		1.47	0.001	0.16	6.74	18.4	320	1.84	0.20	0.04	<0.02	7.36	0.8	70	2.64	54.6
453638		1.66	<0.001	0.12	10.35	1.2	930	2.29	0.07	0.14	0.02	7.37	0.9	59	2.63	39.9
453639		1.21	<0.001	0.07	7.94	0.2	110	0.64	0.02	0.74	<0.02	7.60	12.6	99	0.20	75.7
453640		0.74	<0.001	<0.01	1.63	1.3	60	0.14	0.04	0.04	<0.02	11.35	2.6	27	0.20	7.5
453641		1.48	<0.001	0.02	1.76	1.3	120	0.38	0.04	0.26	0.02	5.23	3.3	55	0.30	4.0
453642		1.20	<0.001	0.04	1.45	0.6	<10	0.05	0.02	0.06	<0.02	4.03	3.5	42	0.06	105.0
453643		1.28	<0.001	<0.01	6.04	0.7	130	0.70	0.01	4.10	0.05	29.7	13.9	25	0.90	14.4
453644		1.25	<0.001	0.08	2.25	0.6	160	0.71	0.03	0.33	0.21	38.8	10.0	33	3.40	133.0
453645		0.97	0.002	0.02	2.12	0.3	460	1.78	0.01	0.45	0.28	36.7	14.2	27	9.26	46.2
453646		1.29	2.55	0.04	1.68	0.8	50	0.30	0.03	0.01	0.03	16.45	3.5	57	1.35	95.1
453647		1.09	0.003	0.05	1.50	8.1	240	2.20	0.01	1.57	0.08	23.2	9.0	33	6.84	82.2
453648		0.89	0.008	0.67	4.19	1.4	230	2.66	0.41	0.36	0.56	38.5	17.9	51	3.01	215
453713		1.66	0.003	0.03	3.80	0.5	70	0.28	0.05	0.64	0.03	5.57	4.2	98	0.73	15.9
453714		1.36	0.026	0.05	1.05	1.4	10	0.11	0.06	0.14	0.03	6.94	3.1	31	0.18	45.4
453715		1.58	0.001	0.67	5.82	1.6	650	2.53	1.10	0.67	0.06	31.8	3.8	111	2.13	119.5
453751		0.98	0.008	1.57	0.14	1.0	10	0.18	0.12	0.29	0.10	0.72	60.9	7	0.13	178.0
453752		1.09	0.040	0.32	0.32	0.5	10	0.19	0.06	1.34	0.05	3.41	14.7	19	0.18	24.8

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Finalisée date: 8- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
453614		4.34	6.85	<0.05	1.5	0.072	0.034	0.72	1.9	9.6	0.48	209	9.91	0.04	11.9	2.9
453615		13.40	1.88	0.06	<0.1	0.200	0.010	0.15	2.4	0.5	0.64	3180	1.50	0.01	0.7	18.4
453616		10.70	0.64	<0.05	0.1	0.020	<0.005	0.06	3.7	0.4	0.87	4370	1.88	0.01	1.1	3.4
453617		5.55	0.32	<0.05	<0.1	0.191	<0.005	0.03	0.8	0.3	0.22	1800	2.48	<0.01	0.2	8.6
453618		4.81	0.79	<0.05	<0.1	0.036	0.005	0.05	<0.5	0.5	0.25	3120	2.63	0.01	0.7	7.0
453619		4.60	0.64	<0.05	<0.1	0.057	0.005	0.07	1.0	0.4	0.43	4540	2.31	0.01	0.6	2.7
453620		15.95	5.89	0.06	0.8	0.052	0.030	0.05	15.1	12.3	0.99	698	1.01	0.16	1.7	5.2
453621		3.87	2.35	<0.05	0.1	0.023	0.014	0.17	<0.5	5.5	0.25	213	3.11	0.02	0.3	2.3
453622		19.50	6.74	0.07	0.4	0.057	0.050	0.34	3.2	14.3	0.83	1280	1.37	0.12	0.9	12.0
453623		24.6	3.50	0.09	0.3	0.027	0.021	0.04	4.1	4.9	0.80	1680	0.78	0.06	2.9	6.4
453624		4.37	5.18	<0.05	0.2	0.035	0.029	0.26	0.5	15.8	0.76	488	2.20	0.07	0.8	3.1
453625		18.20	0.99	0.06	0.2	0.006	0.019	0.02	1.9	1.2	1.57	2740	0.63	0.01	1.9	2.2
453626		24.2	1.23	0.06	0.2	0.017	0.031	0.08	4.8	1.3	1.56	5590	0.71	<0.01	1.7	5.4
453627		2.41	2.89	<0.05	0.1	0.035	0.011	0.17	<0.5	7.2	0.66	183	3.30	0.18	0.3	12.3
453628		3.37	7.47	<0.05	1.2	0.676	0.058	1.19	2.0	6.2	0.20	206	4.70	0.27	6.4	6.7
453629		9.49	18.55	0.08	2.8	0.024	0.185	0.04	11.5	6.9	0.95	1240	1.46	1.72	11.1	1.9
453630		19.20	15.95	0.09	1.5	0.230	0.092	0.36	5.2	46.7	2.54	603	5.40	1.71	1.0	71.2
453631		8.12	22.5	0.05	2.3	0.235	0.048	1.17	1.8	58.7	3.25	467	1.48	1.24	2.9	8.8
453632		28.9	15.05	0.14	4.3	0.241	0.108	1.59	4.1	7.1	0.20	29	9.06	0.34	9.3	1.6
453633		9.76	21.9	0.06	1.7	0.129	0.082	0.75	1.3	89.9	4.51	812	0.51	2.14	2.3	23.1
453634		42.7	8.03	0.30	1.5	0.173	0.070	0.63	4.7	4.0	0.15	54	5.07	0.18	2.5	3.1
453635		7.63	22.8	0.08	6.3	0.064	0.042	2.64	9.6	22.1	0.97	168	11.90	1.87	9.7	2.6
453636		11.85	24.6	0.09	6.5	0.183	0.046	3.01	8.3	23.7	0.98	170	11.35	1.11	8.7	6.0
453637		7.18	20.3	0.05	4.8	0.408	0.069	2.37	3.5	15.9	0.68	133	11.35	0.81	8.7	3.0
453638		9.80	31.1	0.08	7.0	0.069	0.096	3.65	3.7	20.2	0.86	132	12.70	2.06	29.0	2.7
453639		10.90	21.6	0.05	1.4	0.076	0.107	0.24	2.9	66.8	3.78	1000	0.93	2.21	1.5	16.6
453640		1.21	3.46	<0.05	2.3	0.005	0.012	0.15	5.0	4.2	0.27	174	0.92	0.79	1.4	5.6
453641		2.36	4.29	<0.05	0.8	0.008	0.012	0.45	2.5	11.7	0.52	318	2.29	0.05	1.1	10.9
453642		5.94	4.73	<0.05	0.4	0.009	0.009	0.01	1.9	4.7	0.90	500	1.82	<0.01	1.1	3.0
453643		7.30	18.00	0.07	3.4	0.011	0.088	0.24	11.5	4.1	0.34	1370	1.28	1.86	6.5	1.2
453644		19.40	6.13	0.09	1.2	<0.005	0.048	0.61	18.1	25.5	0.87	3260	0.68	0.03	4.3	10.2
453645		20.1	6.49	0.07	1.0	0.007	0.039	0.79	15.7	24.3	0.72	7690	1.17	0.49	3.4	11.7
453646		10.30	5.56	<0.05	1.1	<0.005	0.043	0.15	8.5	9.7	0.62	441	1.66	0.06	3.8	9.3
453647		18.40	4.23	0.08	0.5	0.022	0.028	0.89	14.9	6.2	2.32	3970	0.50	0.03	2.0	13.3
453648		19.10	9.90	0.10	1.5	0.011	0.048	1.63	19.9	32.6	1.58	852	4.06	1.17	5.4	79.1
453713		7.77	8.19	<0.05	0.3	<0.005	0.026	0.36	3.3	23.6	2.27	1600	3.39	0.04	1.7	10.7
453714		4.87	2.87	<0.05	0.2	0.006	0.009	0.04	4.6	4.2	0.51	748	1.78	0.07	0.8	6.9
453715		14.95	15.95	0.07	3.3	0.010	0.110	2.20	17.9	34.9	1.69	1020	4.27	0.45	13.5	9.7
453751		35.6	0.56	0.12	<0.1	0.019	0.008	0.05	<0.5	1.1	0.37	1310	0.60	<0.01	1.0	61.1
453752		14.40	1.35	<0.05	0.2	0.011	0.008	0.02	1.9	1.4	1.25	2450	1.08	<0.01	1.1	13.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
453614		170	2.9	30.3	<0.002	0.05	0.18	4.3	1	0.9	9.1	0.77	0.13	2.38	0.083	0.47
453615		250	2.4	10.7	<0.002	2.17	0.15	0.7	3	0.2	15.6	0.06	0.20	0.14	0.008	0.04
453616		320	1.1	3.8	<0.002	0.03	0.11	0.4	<1	<0.2	36.8	<0.05	<0.05	0.18	0.010	0.02
453617		150	1.6	2.0	<0.002	0.83	0.09	0.3	2	<0.2	8.4	<0.05	0.10	0.07	<0.005	0.02
453618		160	4.4	3.9	<0.002	0.32	0.11	0.9	1	<0.2	17.3	<0.05	<0.05	0.03	0.011	0.02
453619		300	5.7	4.5	<0.002	0.03	0.12	0.5	1	<0.2	45.5	<0.05	<0.05	0.08	0.010	<0.02
453620		570	12.6	2.2	<0.002	0.38	0.42	1.6	2	<0.2	15.1	0.11	0.80	1.89	0.018	0.07
453621		190	1.9	6.6	<0.002	0.20	0.15	0.9	1	0.5	6.6	<0.05	0.17	0.10	0.006	0.25
453622		600	8.5	13.8	<0.002	1.11	0.52	2.3	4	0.7	28.9	0.06	0.85	0.51	0.019	0.49
453623		440	4.5	3.5	<0.002	3.30	0.29	1.3	2	<0.2	57.8	0.19	0.63	0.44	0.038	0.20
453624		150	2.3	10.9	<0.002	0.08	0.16	1.7	1	0.6	14.2	<0.05	0.16	0.20	0.013	0.38
453625		470	2.2	0.9	<0.002	0.50	0.19	0.8	1	0.2	3.2	0.09	0.19	0.27	0.025	0.05
453626		570	2.6	7.3	<0.002	0.71	0.32	0.8	2	0.3	12.6	0.07	0.20	0.26	0.019	0.46
453627		50	1.2	5.4	<0.002	0.10	0.13	5.6	<1	0.4	5.2	<0.05	0.05	0.06	0.059	0.19
453628		300	4.1	37.2	<0.002	0.07	0.49	7.5	1	0.9	16.6	0.38	0.08	1.06	0.188	1.80
453629		1280	2.0	1.5	<0.002	0.36	0.31	32.7	3	1.2	62.9	0.72	0.11	1.13	1.185	0.04
453630		460	8.5	10.0	0.007	3.72	0.24	28.6	7	0.7	35.2	0.07	1.01	0.89	0.089	0.54
453631		360	13.2	44.2	<0.002	0.09	0.24	40.3	3	1.6	39.7	0.13	0.32	0.66	0.284	1.91
453632		960	16.0	66.9	<0.002	0.96	1.33	6.7	4	1.6	29.4	0.49	0.35	9.09	0.079	1.84
453633		390	3.9	11.5	<0.002	0.58	0.20	43.0	2	1.0	49.7	0.12	0.16	0.33	0.303	1.21
453634		570	10.8	25.5	0.002	1.26	1.29	3.6	5	0.5	14.3	0.14	0.57	4.51	0.044	0.77
453635		720	9.6	95.3	0.003	0.29	0.25	20.8	4	0.7	33.8	0.51	0.32	5.48	0.211	1.92
453636		1220	9.4	109.0	<0.002	0.33	0.27	22.8	5	0.8	36.2	0.46	0.43	5.60	0.243	2.27
453637		440	17.5	90.4	0.002	0.25	1.16	13.1	3	1.9	36.5	0.47	0.31	6.96	0.155	2.15
453638		1170	8.8	118.5	0.004	0.28	0.24	30.2	4	2.1	30.6	1.58	0.34	5.82	0.686	1.97
453639		640	2.6	5.5	<0.002	0.63	0.28	47.2	2	0.5	59.6	0.11	0.16	0.57	0.274	0.38
453640		90	1.5	6.5	<0.002	0.01	0.06	1.2	<1	0.2	16.3	0.10	<0.05	4.34	0.050	0.05
453641		170	1.9	14.7	<0.002	0.02	0.11	2.2	<1	0.5	4.1	0.08	<0.05	1.94	0.044	0.07
453642		100	0.7	1.1	<0.002	0.09	0.07	2.4	1	<0.2	0.9	0.09	<0.05	1.53	0.032	0.02
453643		1210	2.6	8.5	<0.002	0.02	0.16	20.6	2	0.3	96.3	0.48	<0.05	1.75	0.319	0.05
453644		1470	4.1	45.2	<0.002	0.49	0.10	3.5	2	0.8	12.7	0.31	0.06	5.25	0.085	0.46
453645		230	6.3	38.6	<0.002	0.14	0.12	3.2	1	1.1	47.9	0.27	<0.05	4.40	0.075	0.36
453646		50	5.0	11.1	<0.002	0.18	0.13	3.5	2	0.4	3.9	0.30	0.08	5.91	0.102	0.10
453647		800	2.4	43.2	<0.002	0.57	0.48	2.1	1	0.3	21.2	0.17	0.10	2.28	0.048	0.29
453648		940	20.8	89.2	0.016	9.90	0.16	7.0	5	0.7	32.1	0.43	0.39	8.55	0.158	0.95
453713		160	3.7	16.8	0.003	0.11	0.11	9.6	1	0.3	15.3	0.13	0.06	1.31	0.122	0.14
453714		120	6.9	2.0	<0.002	0.15	0.08	1.3	1	0.2	2.9	0.06	0.09	1.57	0.023	0.02
453715		610	287	81.6	0.012	1.06	0.34	11.0	4	0.8	26.3	0.98	0.92	14.60	0.387	0.47
453751		30	1.7	1.9	<0.002	>10.0	0.07	0.3	11	0.2	3.9	0.06	0.87	0.08	0.013	0.07
453752		290	3.7	1.0	<0.002	3.27	0.09	0.4	2	<0.2	12.4	0.07	0.18	0.26	0.014	0.04

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
453614		2.6	115	0.5	4.5	39	69.0
453615		0.1	26	0.1	2.7	101	2.3
453616		0.1	9	0.1	5.0	62	2.9
453617		0.1	5	<0.1	2.3	31	0.9
453618		<0.1	12	0.1	2.4	19	0.9
453619		0.1	10	0.1	4.6	6	1.5
453620		0.4	71	0.1	6.4	73	29.7
453621		0.1	26	0.1	0.6	15	4.0
453622		0.4	66	0.2	3.3	58	14.7
453623		0.5	60	0.1	3.5	87	14.1
453624		0.1	50	0.2	0.6	43	7.6
453625		0.1	17	0.1	1.6	68	6.7
453626		0.2	24	0.1	9.1	70	7.1
453627		<0.1	55	0.1	1.0	23	4.4
453628		3.1	62	0.4	3.6	68	45.9
453629		0.3	181	0.4	54.3	71	113.0
453630		1.4	281	0.1	6.9	161	59.2
453631		0.6	398	0.3	5.3	120	78.0
453632		2.9	98	0.4	7.4	41	167.5
453633		0.3	397	0.5	6.0	187	60.5
453634		2.9	77	0.2	3.6	43	64.4
453635		8.7	162	1.0	15.1	54	256
453636		9.1	169	1.2	16.4	54	257
453637		5.3	167	0.7	7.6	36	182.5
453638		10.1	257	2.5	12.1	40	269
453639		0.2	434	0.4	16.3	160	53.8
453640		0.7	10	0.1	2.5	10	84.9
453641		0.4	15	0.3	2.0	25	26.5
453642		0.2	29	0.1	1.6	36	14.3
453643		0.4	3	0.1	50.5	68	119.5
453644		0.5	23	0.1	9.7	156	42.9
453645		0.6	25	0.2	8.7	72	35.5
453646		0.7	29	0.1	3.5	47	37.6
453647		0.6	35	0.4	19.4	80	17.7
453648		3.6	116	0.9	23.2	138	51.3
453713		0.5	92	0.1	4.6	91	11.5
453714		0.3	22	<0.1	3.3	29	7.3
453715		3.9	116	1.6	14.7	84	115.0
453751		0.2	11	0.1	1.1	14	1.6
453752		0.2	20	0.1	2.8	17	6.4

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 8- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
453753		0.76	0.025	0.15	1.92	2.1	480	0.62	0.09	0.67	0.02	18.40	2.7	24	15.00	295
453754		0.73	<0.001	0.02	2.75	0.7	200	1.62	0.01	2.36	0.38	15.55	11.2	20	5.53	3.5
453755		0.71	0.004	<0.01	1.53	1.5	320	2.16	0.01	0.90	0.09	32.2	5.9	19	9.24	2.0
453756		0.88	<0.001	0.01	8.45	1.1	1620	2.86	0.24	0.18	<0.02	44.6	16.6	57	3.61	1.7
453757		0.65	<0.001	0.12	5.83	0.5	400	1.68	0.22	0.04	0.03	46.2	7.4	84	10.95	72.5
453758		0.85	<0.001	0.03	6.40	<0.2	660	2.29	0.05	0.27	0.02	59.6	9.8	47	11.20	1.9
453759		0.89	<0.001	0.02	5.33	3.9	70	0.56	0.03	7.52	0.17	4.55	28.3	88	0.36	5.3
453760		0.87	<0.001	0.20	7.15	<0.2	<10	0.41	0.04	0.58	0.07	32.9	19.0	43	0.28	1000
453761		0.87	<0.001	0.01	9.73	14.3	560	2.13	0.01	0.07	<0.02	15.95	8.5	102	1.43	15.5
453762		0.61	<0.001	0.01	0.06	0.6	<10	<0.05	0.01	0.01	<0.02	0.44	0.3	30	<0.05	4.1
453763		1.93	<0.001	0.04	0.04	0.5	<10	<0.05	0.02	0.01	0.03	0.79	1.0	32	<0.05	16.1
454928		1.44	0.002	0.12	2.43	106.5	260	0.48	0.09	0.07	<0.02	8.85	1.6	51	0.98	195.0
454929		0.97	0.001	0.07	1.57	5.5	60	0.24	0.04	<0.01	<0.02	2.50	0.2	60	0.78	28.6
454930		1.23	0.011	0.56	6.53	44.0	330	2.57	0.65	0.82	0.16	84.7	10.1	43	3.47	65.4
454931		1.93	<0.001	0.07	6.88	1.1	20	0.59	0.01	4.04	0.08	16.60	22.8	63	0.16	213
454932		1.04	<0.001	0.01	3.99	2.1	10	0.30	0.01	5.21	0.10	13.65	17.4	48	0.06	19.2
454933		1.50	<0.001	<0.01	0.13	2.8	10	1.16	0.02	4.34	0.06	9.65	1.6	19	1.59	1.8
454934		1.42	0.003	0.01	0.13	0.9	10	0.27	0.02	0.67	0.03	1.82	3.4	29	1.85	4.2
454935		0.83	<0.001	0.27	7.83	1.5	1300	1.98	0.60	0.53	1.06	62.0	21.1	61	1.59	45.3
454936		0.69	0.006	0.23	6.07	0.6	750	1.39	0.39	2.12	0.02	65.4	21.8	48	4.05	256
454937		0.11	8.38	1.67	7.85	102.0	200	4.21	3.85	1.98	4.42	27.5	17.9	59	2.52	115.5

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CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
453753		18.55	4.71	0.06	0.6	0.058	0.044	0.88	12.1	0.7	2.02	2530	0.66	0.05	3.2	3.8
453754		14.95	5.86	<0.05	0.6	0.005	0.033	0.34	7.1	3.6	3.26	1920	0.98	0.08	2.5	19.0
453755		20.1	4.89	0.09	0.5	0.023	0.030	0.81	19.2	1.3	1.86	2160	0.48	0.07	2.6	11.4
453756		5.28	21.5	0.08	2.0	<0.005	0.061	4.71	14.1	63.7	1.97	1500	0.18	0.70	7.0	33.1
453757		17.70	16.70	0.09	3.0	<0.005	0.086	2.72	37.1	57.7	2.58	2230	0.84	0.46	12.4	23.5
453758		7.34	16.05	0.09	3.4	0.009	0.040	3.74	31.4	55.8	3.02	2730	0.22	1.54	12.7	20.6
453759		7.17	10.65	<0.05	0.7	<0.005	0.036	0.24	1.9	30.8	3.29	1600	0.54	0.82	3.3	61.6
453760		23.6	24.0	0.37	1.3	0.018	0.057	0.01	17.0	23.5	4.64	1250	0.31	<0.01	1.9	34.9
453761		5.44	26.7	0.06	3.6	0.007	0.037	4.11	6.5	26.1	1.31	610	0.88	0.31	9.9	23.1
453762		0.62	0.19	<0.05	<0.1	<0.005	<0.005	0.01	<0.5	0.3	0.02	64	1.82	0.01	<0.1	2.2
453763		3.03	0.23	<0.05	<0.1	0.008	<0.005	0.01	<0.5	0.3	0.01	334	2.14	<0.01	0.1	3.1
454928		34.3	9.86	0.29	1.7	0.140	0.098	1.17	4.4	3.5	0.10	73	3.84	0.24	3.7	4.5
454929		4.61	4.68	<0.05	0.7	0.627	0.030	0.63	1.0	2.4	0.06	49	6.26	0.05	3.8	2.1
454930		10.70	25.8	0.11	10.4	1.905	0.113	2.52	45.3	15.1	0.41	90	17.50	0.69	22.2	13.9
454931		8.56	20.4	0.05	1.6	0.010	0.122	0.06	6.3	11.3	2.74	1540	0.93	2.39	6.9	18.1
454932		5.47	11.10	<0.05	0.6	0.010	0.078	0.01	4.7	13.6	1.84	1100	1.27	0.33	3.0	27.1
454933		13.15	0.68	<0.05	0.1	0.049	0.005	0.05	5.9	0.4	0.72	6200	1.23	0.01	0.4	1.9
454934		9.40	0.70	<0.05	0.1	0.061	<0.005	0.05	0.9	0.6	0.75	5540	1.62	0.01	0.8	4.7
454935		6.96	20.7	0.08	4.3	0.007	0.058	3.24	31.5	32.3	2.06	3030	1.59	0.26	9.5	38.9
454936		6.85	15.60	0.09	3.2	0.005	0.041	2.55	33.1	44.9	4.61	3490	0.18	0.22	5.3	26.3
454937		5.44	25.2	0.09	1.6	0.020	0.180	4.56	13.5	2.7	1.60	420	1.53	3.36	13.7	65.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
453753		840	2.3	46.6	<0.002	1.16	0.93	3.4	2	0.3	4.9	0.29	0.16	4.85	0.067	0.11
453754		270	16.5	19.0	0.002	0.04	0.31	3.4	1	1.1	4.0	0.35	<0.05	4.33	0.066	0.08
453755		890	1.3	38.0	<0.002	0.01	0.57	2.7	1	0.5	8.5	0.16	<0.05	3.98	0.058	0.04
453756		280	12.0	168.5	<0.002	0.01	0.25	11.4	<1	1.6	70.4	0.39	<0.05	12.85	0.289	0.52
453757		440	9.1	184.0	<0.002	1.16	0.13	11.6	3	2.8	14.9	0.85	0.29	14.05	0.406	1.66
453758		300	5.3	212	<0.002	0.01	0.12	8.7	<1	1.3	17.7	0.84	<0.05	11.95	0.342	1.62
453759		200	13.5	8.4	<0.002	<0.01	0.12	27.3	1	0.4	89.6	0.16	<0.05	0.44	0.382	0.04
453760		1160	3.7	0.7	0.004	2.79	0.08	22.1	4	<0.2	5.6	0.15	0.25	6.97	0.137	0.02
453761		290	7.1	134.0	<0.002	0.04	0.15	17.8	1	1.1	21.8	0.80	<0.05	13.90	0.405	0.57
453762		10	<0.5	0.5	<0.002	0.02	0.08	0.1	<1	<0.2	0.8	<0.05	<0.05	0.14	<0.005	<0.02
453763		30	0.9	0.3	<0.002	0.18	0.10	0.2	1	<0.2	0.6	<0.05	0.07	0.10	<0.005	<0.02
454928		860	23.0	39.7	0.002	1.23	1.54	8.2	3	0.9	35.5	0.22	1.25	3.03	0.145	0.96
454929		140	3.9	17.7	<0.002	0.12	0.78	3.4	2	0.8	8.1	0.24	0.11	0.68	0.096	0.78
454930		780	59.9	116.0	0.010	3.81	3.80	11.2	6	5.7	39.0	1.16	0.56	8.20	0.145	5.13
454931		670	2.5	2.0	0.003	0.57	0.40	45.8	2	0.7	70.3	0.42	0.16	0.79	1.110	0.18
454932		400	3.2	0.6	<0.002	0.04	0.37	21.6	1	0.8	54.3	0.17	<0.05	0.34	0.496	0.02
454933		160	1.2	3.0	<0.002	0.07	0.17	0.3	<1	0.3	44.7	<0.05	<0.05	0.14	0.008	0.02
454934		110	0.6	3.3	<0.002	0.09	0.20	1.0	1	<0.2	10.7	0.05	<0.05	0.13	0.012	0.03
454935		280	48.8	109.5	0.002	0.22	0.16	16.1	1	2.8	52.3	0.65	0.39	12.60	0.476	0.41
454936		190	8.7	108.0	<0.002	0.01	0.17	7.8	1	1.1	70.8	0.38	0.79	10.45	0.233	0.46
454937		870	183.5	460	0.003	3.25	2.39	5.2	3	1.3	241	0.88	0.89	1.62	0.460	1.91

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Finalisée date: 8- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185251

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
453753		0.6	24	0.1	8.3	33	23.5
453754		0.6	38	0.1	14.8	109	21.1
453755		0.6	25	0.2	21.3	52	19.5
453756		0.5	44	2.3	9.1	83	74.1
453757		2.9	95	0.2	16.3	234	109.5
453758		0.8	57	0.7	12.7	90	121.0
453759		0.1	183	0.7	7.9	181	24.0
453760		1.2	199	0.4	7.3	327	46.9
453761		2.2	104	2.6	7.4	118	121.0
453762		<0.1	1	<0.1	0.1	2	0.6
453763		0.1	3	<0.1	0.5	4	<0.5
454928		1.0	156	0.3	2.0	40	71.0
454929		1.0	53	0.3	1.4	18	25.7
454930		7.7	123	0.9	23.0	65	397
454931		0.2	405	0.2	31.5	109	52.7
454932		0.1	201	0.2	17.8	74	20.0
454933		0.1	15	0.1	12.4	10	2.8
454934		0.1	15	0.1	2.0	7	2.5
454935		2.9	125	3.2	15.6	145	162.0
454936		1.5	79	0.9	10.6	107	116.5
454937		1.0	59	0.5	6.5	346	71.6

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CERTIFICAT D'ANALYSE VO17185251

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17185316

Projet: KAN

Ce rapport s'applique aux 96 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- AOUT- 2017.

Les résultats sont transmis à:

ROSSE ANNE BOUCHARD CYNTHIA LEE CORPORATIF WEBTREIVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: CYNTHIA LEE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
407412		0.74	2.27	0.04	0.13	1.9	20	0.51	0.04	0.28	0.11	16.85	4.5	16	0.52	41.9
407413		0.55	0.022	1.17	4.27	10.8	100	0.30	0.03	4.21	3.15	7.79	24.8	73	0.16	1900
407414		0.53	0.004	0.25	6.40	2.7	140	0.60	0.02	4.25	0.98	8.91	36.7	71	0.36	423
407415		0.71	<0.001	0.01	1.52	3.0	50	0.13	0.01	1.04	0.04	2.90	3.1	32	0.05	9.3
407416		0.51	<0.001	<0.01	7.00	1.1	90	0.22	0.02	5.30	0.04	8.98	45.3	12	0.23	10.1
407417		0.65	<0.001	0.01	3.25	0.4	340	1.37	0.05	0.11	0.07	59.7	16.6	27	8.43	4.8
407418		0.44	<0.001	0.18	3.42	0.2	730	1.71	0.08	1.83	0.05	40.7	10.4	52	0.28	71.8
407419		0.65	<0.001	0.03	6.77	9.0	10	0.32	0.01	5.38	0.09	8.50	49.5	178	0.11	96.8
407420		0.53	<0.001	0.02	7.20	48.9	50	0.54	<0.01	4.11	0.13	6.24	40.2	188	0.82	20.7
407421		0.77	0.011	0.01	0.37	8.8	10	0.61	0.01	0.37	0.27	16.55	4.9	13	3.06	12.8
407422		0.74	0.290	0.02	0.26	216	10	0.82	0.01	0.32	0.14	16.25	9.4	8	2.54	78.4
407423		0.98	0.003	0.02	0.96	13.7	10	0.97	0.01	2.20	0.23	24.5	9.9	23	0.60	6.5
407424		0.65	<0.001	0.01	0.01	0.8	<10	0.76	<0.01	0.01	<0.02	0.95	0.9	17	<0.05	5.0
407425		0.64	<0.001	0.12	7.50	9.5	300	0.30	0.05	3.04	0.27	17.25	52.2	175	1.43	118.0
407426		0.83	0.018	0.54	7.44	66.1	220	1.51	0.34	0.02	0.02	69.0	6.0	90	3.70	37.0
407427		0.85	<0.001	0.02	0.22	1.8	10	0.07	0.01	0.04	0.03	1.98	0.4	33	0.13	6.0
407428		0.65	<0.001	0.01	0.01	0.7	<10	<0.05	<0.01	<0.01	<0.02	0.18	0.2	25	<0.05	4.9
407429		0.60	0.010	<0.01	0.22	10.8	20	0.62	0.01	0.72	0.08	6.74	5.3	9	7.97	3.3
407430		1.13	<0.001	<0.01	1.58	172.0	<10	0.11	0.03	0.08	0.03	7.99	1.0	40	0.44	14.7
407431		0.86	<0.001	<0.01	5.02	11.0	<10	0.81	<0.01	1.62	0.07	20.3	30.5	149	0.32	0.6
407432		0.18	<0.001	0.01	0.08	2.4	80	<0.05	0.01	18.05	0.08	1.81	1.1	2	0.36	1.8
407433		0.80	<0.001	<0.01	0.60	1.4	10	1.26	<0.01	2.20	0.09	15.90	6.8	17	5.26	1.9
407434		0.75	<0.001	0.02	0.24	1.8	<10	0.05	0.01	0.10	0.02	0.81	0.8	32	0.16	11.7
407435		0.72	0.008	0.17	1.12	60.4	10	0.14	0.10	0.13	0.02	21.9	21.9	36	0.10	157.5
407436		0.62	0.003	0.06	6.08	13.9	200	2.25	0.09	0.01	<0.02	8.32	3.6	92	2.42	19.4
407437		0.62	<0.001	0.01	4.19	0.6	330	0.93	0.01	0.01	<0.02	21.5	1.0	54	1.56	9.5
407438		0.74	<0.001	0.12	6.68	62.6	20	0.40	0.01	2.41	0.09	8.85	36.0	146	0.44	35.0
442934		0.76	<0.001	0.41	3.90	0.9	380	2.02	0.19	3.22	0.10	30.4	11.5	51	0.38	106.5
442935		1.32	<0.001	0.08	7.45	1.5	700	2.12	0.03	3.51	0.04	140.5	24.2	22	5.65	78.8
442936		0.75	<0.001	0.04	0.30	3.5	20	0.09	0.17	1.60	0.04	3.00	5.2	32	0.09	62.9
442937		1.21	0.003	0.04	6.03	3.6	70	0.22	0.01	5.27	0.23	7.59	26.6	24	0.12	69.6
442938		1.13	<0.001	<0.01	0.31	0.2	<10	<0.05	0.01	0.43	<0.02	0.16	0.5	65	<0.05	0.9
442939		0.87	<0.001	0.06	9.44	<0.2	640	2.34	0.28	0.12	<0.02	9.06	6.6	95	5.58	14.5
442940		1.72	0.009	0.19	2.43	276	500	2.41	0.17	0.26	0.06	35.7	12.3	35	10.00	262
442941		1.22	0.002	0.04	1.29	129.0	200	0.96	0.09	0.10	0.02	22.9	8.4	37	4.15	42.3
442942		1.43	0.001	0.01	0.06	1.5	10	<0.05	0.01	0.20	<0.02	1.62	0.5	37	0.23	5.6
442943		0.63	<0.001	0.02	4.54	0.8	400	0.88	0.05	3.85	<0.02	32.1	4.6	22	2.05	14.4
442944		1.09	0.001	0.02	10.85	1.6	1570	2.10	0.23	0.25	0.03	7.05	49.1	104	2.61	17.3
442945		0.76	<0.001	<0.01	0.12	0.6	10	0.06	<0.01	0.02	<0.02	0.50	0.8	28	<0.05	0.9
442949		1.29	<0.001	0.22	1.59	2.0	90	0.29	0.49	0.34	0.05	9.63	1.9	46	0.66	2.8

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CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
407412		25.3	1.09	0.12	0.1	0.012	0.033	0.04	10.4	1.6	0.76	14050	1.18	0.01	1.0	22.4
407413		4.42	9.57	<0.05	0.5	<0.005	0.040	0.23	3.7	5.2	2.19	898	1.73	1.02	1.9	39.6
407414		6.63	14.30	0.05	0.9	<0.005	0.049	0.34	3.6	20.3	3.71	1340	0.80	1.65	3.1	62.2
407415		1.06	3.40	<0.05	0.1	<0.005	0.010	0.10	1.4	3.4	0.31	277	1.62	0.39	0.4	6.0
407416		8.25	16.10	0.06	0.7	<0.005	0.052	0.14	3.4	23.4	3.98	1390	0.53	1.30	3.3	52.9
407417		21.8	10.35	0.15	1.8	<0.005	0.050	1.59	29.1	54.0	2.30	4010	0.18	0.09	7.1	19.6
407418		3.27	9.53	0.06	1.0	<0.005	0.019	0.54	21.5	11.2	2.35	1350	5.95	1.72	3.4	38.0
407419		6.83	15.10	0.05	0.8	0.014	0.045	0.01	3.1	68.2	5.36	1070	0.24	1.49	0.9	236
407420		7.63	15.70	0.07	0.7	<0.005	0.048	0.93	2.2	43.2	4.46	1360	0.12	1.44	0.6	190.0
407421		26.2	1.90	0.09	0.2	0.017	0.005	0.08	9.8	1.7	1.71	10700	1.78	0.01	2.3	20.9
407422		32.3	1.97	1.48	0.2	0.012	0.010	0.05	10.3	0.7	1.12	4850	0.55	0.01	2.3	9.0
407423		24.7	4.38	0.14	1.3	0.009	0.021	0.01	13.2	2.0	1.78	19250	0.85	<0.01	10.6	15.6
407424		2.31	0.15	<0.05	<0.1	0.007	0.005	<0.01	0.6	0.7	0.02	397	0.79	<0.01	0.1	3.2
407425		8.90	16.55	0.08	1.9	0.057	0.070	1.32	6.9	46.9	2.64	1060	1.48	2.43	1.4	91.7
407426		8.72	27.9	0.16	8.2	0.483	0.099	2.68	36.3	19.4	0.51	77	22.4	0.42	65.5	16.1
407427		0.99	0.69	<0.05	0.1	0.052	0.011	0.07	1.0	1.1	0.02	58	1.79	0.03	0.7	3.6
407428		2.84	0.07	<0.05	<0.1	<0.005	0.010	<0.01	<0.5	0.8	0.01	251	1.20	<0.01	<0.1	1.7
407429		25.8	1.22	0.08	0.1	0.005	0.009	0.07	4.0	0.7	1.66	9030	0.50	<0.01	1.9	5.9
407430		6.53	5.63	<0.05	0.1	0.014	0.024	0.01	4.0	7.3	0.61	1140	1.77	<0.01	0.5	5.6
407431		18.20	13.00	0.76	1.9	0.006	0.047	<0.01	8.9	35.2	3.66	5730	0.34	<0.01	5.6	67.1
407432		0.29	0.29	0.16	<0.1	<0.005	<0.005	0.03	1.0	13.1	12.70	459	0.09	0.02	0.2	15.9
407433		21.1	2.50	0.08	0.3	0.011	0.024	0.05	7.8	1.0	1.83	10300	0.58	<0.01	4.0	8.1
407434		2.66	0.89	<0.05	0.1	0.010	0.005	0.01	0.5	1.9	0.15	344	2.61	0.01	0.8	3.1
407435		11.55	4.26	0.06	0.8	0.018	0.026	0.02	10.0	5.9	0.58	630	8.18	<0.01	3.8	24.3
407436		12.85	17.50	0.06	1.6	0.005	0.053	1.64	2.9	30.7	1.02	1020	1.18	0.03	14.6	7.2
407437		3.50	10.15	0.06	1.1	0.007	0.012	1.47	10.9	20.9	0.91	164	1.76	0.28	1.8	2.9
407438		9.34	16.70	0.10	1.5	0.032	0.052	0.39	3.2	149.0	6.16	1160	0.31	0.16	1.3	82.6
442934		5.20	7.81	0.07	1.9	<0.005	0.028	0.23	14.7	5.8	4.14	2010	10.15	2.31	7.7	39.6
442935		7.96	20.2	0.21	5.0	<0.005	0.082	1.47	67.7	28.9	2.09	1620	1.65	3.24	101.0	18.2
442936		1.52	0.86	<0.05	0.1	0.006	0.005	0.03	1.7	3.3	0.44	336	1.39	0.01	0.3	5.5
442937		5.72	9.61	0.06	0.7	<0.005	0.047	0.15	3.1	5.7	3.73	1250	0.56	2.13	2.4	50.2
442938		0.44	0.72	<0.05	<0.1	<0.005	<0.005	0.01	<0.5	0.7	0.07	81	3.08	0.06	0.1	2.2
442939		4.65	24.2	0.10	3.4	<0.005	0.075	4.26	6.5	30.3	1.22	509	0.82	0.44	9.8	11.3
442940		17.80	5.82	0.10	0.9	<0.005	0.036	0.44	15.5	9.0	2.70	4910	1.83	1.20	3.9	15.2
442941		8.82	3.37	0.06	0.5	<0.005	0.017	0.20	9.5	5.5	1.53	2390	1.75	0.47	2.2	9.9
442942		1.02	0.20	<0.05	<0.1	0.006	<0.005	0.01	0.7	0.8	0.10	599	1.81	0.02	0.2	1.9
442943		2.14	9.57	0.08	5.1	<0.005	0.017	1.51	16.2	24.7	3.30	1290	0.82	1.06	3.0	10.6
442944		11.80	32.3	0.14	3.4	<0.005	0.081	4.62	3.4	63.9	3.13	3050	0.20	0.18	17.1	67.0
442945		0.34	0.24	<0.05	<0.1	<0.005	<0.005	0.02	<0.5	0.8	0.02	42	1.26	0.05	0.1	1.3
442949		0.91	2.80	0.06	0.3	0.010	0.008	0.46	4.9	4.8	0.10	254	2.09	0.60	1.2	4.9

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
407412		360	1.8	2.3	<0.002	2.10	0.14	0.4	1	0.2	3.9	<0.05	0.18	0.26	<0.005	0.04
407413		160	4.3	9.5	<0.002	0.22	0.40	27.1	1	0.4	94.0	0.12	0.31	0.23	0.312	0.06
407414		240	4.7	13.4	<0.002	0.05	0.16	39.6	1	0.5	117.5	0.19	0.10	0.69	0.489	0.05
407415		50	1.1	3.8	<0.002	0.01	0.16	3.1	<1	<0.2	44.0	<0.05	<0.05	0.23	0.034	<0.02
407416		300	2.4	2.7	<0.002	<0.01	0.12	41.1	1	0.4	127.5	0.21	<0.05	0.52	0.602	0.02
407417		360	3.7	90.2	<0.002	0.05	0.21	6.7	<1	1.2	11.6	0.52	<0.05	5.70	0.135	0.56
407418		280	16.6	11.3	0.012	1.45	0.22	5.3	2	0.6	55.2	0.22	0.21	5.94	0.126	0.08
407419		310	3.0	0.5	<0.002	0.04	0.38	29.8	1	0.2	118.5	0.07	<0.05	0.26	0.165	<0.02
407420		270	3.2	40.2	<0.002	0.01	0.10	31.6	1	0.3	95.4	<0.05	<0.05	0.21	0.139	0.48
407421		450	0.5	4.6	<0.002	0.17	0.73	0.8	<1	0.2	7.0	0.08	<0.05	0.42	0.023	0.03
407422		540	1.2	3.0	<0.002	0.15	0.79	0.6	1	0.5	7.8	0.11	0.07	0.47	0.019	<0.02
407423		930	1.2	0.7	<0.002	0.22	0.30	2.3	<1	0.4	42.3	0.45	<0.05	1.23	0.139	<0.02
407424		20	<0.5	0.1	<0.002	0.17	0.11	0.1	<1	<0.2	0.5	<0.05	<0.05	0.03	<0.005	<0.02
407425		460	9.7	36.0	0.002	1.52	0.98	39.2	1	0.9	71.2	0.08	0.46	0.46	0.231	0.90
407426		240	53.5	78.7	0.017	4.00	7.85	12.1	4	4.7	58.1	2.93	0.77	8.11	0.320	3.45
407427		180	1.3	2.3	<0.002	0.03	0.21	0.7	<1	<0.2	2.8	0.05	<0.05	0.22	0.008	0.11
407428		30	<0.5	0.1	<0.002	0.03	0.08	0.1	<1	<0.2	0.4	<0.05	<0.05	0.02	<0.005	<0.02
407429		380	0.7	5.0	<0.002	0.11	1.06	0.7	<1	0.3	13.6	0.07	<0.05	0.24	0.014	<0.02
407430		250	1.2	1.2	<0.002	0.01	0.19	3.1	<1	<0.2	3.3	<0.05	0.06	0.60	0.018	0.03
407431		510	1.0	0.3	<0.002	<0.01	0.19	28.6	<1	0.7	47.4	0.28	<0.05	0.59	0.654	0.02
407432		20	1.1	0.9	<0.002	<0.01	0.12	0.3	<1	<0.2	130.0	<0.05	<0.05	0.12	0.008	0.07
407433		890	0.8	2.9	<0.002	0.02	0.58	1.4	<1	0.3	40.0	0.19	<0.05	0.69	0.049	<0.02
407434		10	0.7	0.3	<0.002	0.07	0.13	0.8	<1	<0.2	2.8	0.07	<0.05	0.13	0.009	<0.02
407435		370	3.9	1.2	0.007	1.31	0.45	3.7	3	<0.2	3.8	0.32	0.31	0.93	0.074	0.04
407436		220	6.5	92.4	<0.002	0.14	0.50	10.7	1	1.2	5.6	0.78	0.06	6.60	0.253	0.65
407437		50	4.8	56.9	<0.002	0.04	0.21	4.6	<1	0.3	11.2	0.09	<0.05	3.70	0.055	0.54
407438		360	25.7	8.5	<0.002	2.36	0.29	40.4	<1	0.6	37.7	0.09	0.06	0.26	0.270	0.48
442934		260	9.1	6.5	0.024	1.79	0.20	5.8	2	0.8	157.5	0.52	0.44	7.69	0.170	0.07
442935		2900	4.5	68.2	<0.002	0.09	0.23	16.4	2	2.8	380	5.80	0.06	6.53	2.41	0.38
442936		30	5.6	1.1	<0.002	0.90	0.61	0.5	<1	<0.2	22.2	<0.05	0.23	0.21	0.011	0.03
442937		270	2.1	4.4	<0.002	0.01	0.32	35.6	1	0.5	104.5	0.15	<0.05	0.40	0.430	0.02
442938		<10	<0.5	0.3	<0.002	<0.01	0.07	0.6	<1	<0.2	7.7	<0.05	<0.05	0.02	0.009	<0.02
442939		240	20.7	181.5	<0.002	0.08	0.11	15.0	<1	1.9	78.6	0.77	0.05	14.65	0.368	0.74
442940		190	12.6	20.4	<0.002	1.18	0.22	4.1	1	0.7	127.5	0.23	0.66	4.50	0.083	0.13
442941		130	4.5	8.9	<0.002	0.25	0.14	2.6	<1	0.3	39.6	0.16	0.25	2.51	0.048	0.05
442942		50	1.9	0.4	<0.002	0.02	0.12	0.2	<1	<0.2	6.0	<0.05	<0.05	0.07	<0.005	<0.02
442943		260	10.1	57.9	<0.002	0.03	0.05	2.8	<1	0.6	145.5	0.22	<0.05	6.48	0.107	0.26
442944		580	11.9	89.9	<0.002	1.64	0.08	24.2	3	1.9	71.5	1.04	0.13	6.98	0.872	0.36
442945		30	<0.5	0.8	<0.002	0.01	<0.05	0.1	<1	<0.2	4.3	<0.05	<0.05	0.10	<0.005	<0.02
442949		240	64.7	22.2	<0.002	0.02	0.14	1.3	<1	0.2	74.3	0.08	0.13	1.79	0.034	0.09

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
407412		0.2	13	0.4	6.7	47	4.4
407413		0.1	167	0.3	12.0	51	15.9
407414		0.2	231	0.5	15.1	67	28.6
407415		<0.1	32	0.1	2.8	5	4.7
407416		0.1	326	0.4	18.5	74	26.7
407417		0.9	48	0.2	6.1	79	64.8
407418		3.4	125	0.8	11.3	60	38.7
407419		<0.1	221	0.1	6.0	72	24.4
407420		<0.1	243	0.9	4.1	87	27.0
407421		0.4	27	0.1	9.1	103	8.5
407422		0.3	30	0.1	8.8	219	9.3
407423		1.0	52	0.3	14.7	39	63.3
407424		<0.1	1	<0.1	0.3	10	0.5
407425		0.8	313	0.3	5.5	181	73.1
407426		8.0	192	1.1	14.7	66	308
407427		0.5	9	<0.1	1.0	22	4.2
407428		<0.1	<1	<0.1	0.3	7	<0.5
407429		0.2	16	<0.1	8.9	25	7.7
407430		0.1	83	<0.1	1.4	94	4.8
407431		0.3	258	0.1	4.8	71	70.1
407432		0.2	3	0.1	1.1	24	1.3
407433		0.4	32	0.1	14.7	19	14.1
407434		0.5	30	0.1	0.6	8	4.5
407435		4.2	129	0.1	5.7	49	52.0
407436		2.4	183	1.5	3.5	97	64.6
407437		0.5	58	0.4	1.4	66	42.2
407438		0.1	330	0.3	2.7	323	57.2
442934		4.8	165	0.7	13.9	84	74.5
442935		2.0	247	1.4	29.6	79	227
442936		0.1	7	0.1	3.6	8	2.8
442937		0.1	210	0.4	14.8	53	21.7
442938		<0.1	9	<0.1	0.3	2	0.6
442939		1.6	94	1.1	6.7	89	127.0
442940		0.5	29	0.2	5.5	56	36.8
442941		0.3	19	0.1	3.0	35	20.3
442942		<0.1	1	0.1	0.8	2	0.5
442943		1.3	19	0.6	8.6	36	198.0
442944		1.1	125	5.1	7.5	115	134.0
442945		<0.1	1	<0.1	0.2	<2	1.3
442949		0.2	8	0.2	2.0	7	12.5

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Finalisée date: 28- SEPT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442950		0.07	1.280	1.02	7.63	92.4	110	4.62	2.65	2.14	2.40	25.5	17.5	62	2.55	57.0
453601		0.47	<0.001	0.03	4.42	0.3	380	1.52	0.16	0.73	0.09	33.3	12.3	50	3.00	11.4
453602		0.32	<0.001	0.10	0.34	0.5	40	0.18	1.04	0.16	0.12	3.56	1.4	24	0.22	4.2
453603		0.43	<0.001	0.04	8.17	0.3	520	2.06	0.06	0.04	0.06	63.2	13.7	94	8.33	37.5
453604		0.50	<0.001	<0.01	0.19	0.6	20	0.57	<0.01	5.63	<0.02	8.08	3.0	8	0.06	0.6
453605		0.77	0.001	0.10	0.07	183.5	<10	0.07	<0.01	0.08	0.02	6.75	0.8	9	0.05	29.1
453606		0.51	<0.001	0.04	7.25	3.0	10	0.37	0.03	7.15	0.13	9.33	46.7	213	0.13	92.3
453607		0.40	<0.001	<0.01	2.16	0.5	<10	0.14	0.03	4.55	0.03	0.16	5.6	32	<0.05	2.1
453608		0.54	<0.001	0.01	0.80	1.3	30	1.06	0.02	0.85	0.05	12.40	9.4	21	5.96	0.8
453609		0.54	<0.001	0.01	0.03	1.6	10	0.11	0.04	0.29	0.03	0.86	0.5	28	0.19	0.9
453610		0.67	<0.001	<0.01	6.64	5.6	<10	0.18	0.03	5.75	0.03	3.87	65.3	170	<0.05	9.8
453611		0.11	1.330	1.07	7.85	101.5	110	4.86	3.02	2.16	2.76	24.0	17.7	61	2.50	57.4
453651		0.58	<0.001	0.06	7.76	0.2	650	1.79	0.10	0.05	0.04	26.6	7.9	82	12.90	20.1
453652		0.36	<0.001	0.01	6.51	1.2	390	1.51	0.06	0.04	<0.02	5.59	5.8	57	3.88	6.4
453653		0.53	0.014	0.12	8.19	1.0	540	2.23	0.51	0.01	<0.02	9.58	0.8	81	5.16	7.1
453654		0.35	<0.001	0.09	1.47	0.7	30	0.14	0.23	0.06	0.03	2.68	3.7	27	0.37	13.3
453655		0.38	<0.001	0.04	8.82	0.3	470	2.10	0.08	0.04	<0.02	9.22	5.2	82	2.30	12.6
453656		0.66	<0.001	<0.01	0.24	0.7	10	0.46	0.03	6.63	<0.02	7.95	2.6	15	0.07	2.3
453657		0.26	<0.001	<0.01	0.07	1.4	10	0.16	0.03	3.90	0.02	1.53	0.7	24	0.11	1.0
453658		0.66	<0.001	0.14	0.43	0.8	20	0.16	0.17	0.04	0.10	5.37	0.6	20	0.29	13.4
453659		1.39	<0.001	0.05	0.05	0.5	10	0.10	0.03	1.13	<0.02	4.25	1.0	34	<0.05	4.4
442946		0.79	<0.001	0.01	6.76	0.3	990	1.42	0.05	0.09	<0.02	6.05	6.0	51	6.81	0.5
442947		0.83	<0.001	<0.01	0.13	0.5	10	0.33	0.02	6.50	0.02	15.55	1.9	3	0.05	0.5
442948		0.96	0.003	0.03	0.49	0.5	10	0.26	0.05	1.46	0.05	9.79	6.3	22	0.06	10.4
453701		1.24	6.00	0.32	0.04	1.0	<10	0.15	0.05	0.04	0.03	2.39	4.3	15	0.09	35.1
453702		1.54	0.007	0.10	1.14	0.2	<10	0.09	0.12	0.04	<0.02	2.29	0.9	15	0.20	51.9
453703		2.13	2.03	0.02	0.27	1.1	10	0.60	0.04	2.98	0.24	14.40	3.2	16	0.57	18.4
453704		1.48	0.001	0.05	0.70	3.0	10	0.30	0.05	0.23	0.09	10.35	4.0	24	0.75	18.9
453705		1.64	0.028	0.15	0.22	1.0	<10	0.07	0.05	0.46	0.02	5.14	0.5	24	0.15	51.8
453706		2.52	0.020	1.03	0.55	0.2	<10	0.07	0.05	0.33	0.04	0.79	6.6	7	0.09	395
453707		1.64	0.007	0.09	0.65	1.5	50	0.26	0.14	0.60	0.04	6.80	2.0	33	7.47	26.5
453708		0.97	0.063	0.04	0.11	1.1	10	0.36	0.06	1.84	0.13	9.47	1.8	17	2.25	19.3
453709		1.47	0.001	0.09	3.99	0.9	160	0.69	0.05	0.03	<0.02	10.15	2.2	97	1.36	59.4
453710		1.47	<0.001	0.02	2.98	0.5	<10	0.18	0.03	0.02	<0.02	4.36	1.2	42	0.38	16.0
453711		1.29	<0.001	<0.01	0.03	1.1	<10	0.13	0.03	1.27	<0.02	1.23	1.2	35	<0.05	0.9
453712		0.07	8.36	1.57	7.67	103.0	190	3.72	3.85	1.96	4.49	28.8	17.4	59	2.53	119.5
407481		1.19	0.001	<0.01	1.26	1.9	100	0.26	0.05	0.24	0.05	11.65	3.9	53	0.36	4.4
407482		1.38	0.003	0.37	0.43	3.7	20	0.09	1.47	0.11	0.04	3.69	2.0	61	0.09	2.6
407483		1.93	<0.001	0.02	0.44	0.9	20	0.12	0.09	0.05	<0.02	1.55	0.6	58	0.28	2.0
407484		1.93	<0.001	0.10	0.31	0.8	10	0.08	0.65	0.03	0.05	6.47	0.9	77	0.14	7.7

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QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
442950		4.87	23.3	0.16	1.6	0.008	0.104	3.93	11.5	2.7	1.64	414	1.26	3.38	15.2	66.0
453601		12.55	11.35	0.09	1.5	0.008	0.029	2.82	16.6	28.8	1.53	8880	0.59	0.03	4.8	19.1
453602		2.38	1.03	<0.05	0.2	0.013	0.005	0.21	1.6	2.4	0.12	2590	1.06	0.01	0.3	6.7
453603		7.92	20.2	0.12	2.5	0.005	0.048	5.15	31.3	52.0	1.27	4190	0.66	0.04	7.7	31.1
453604		18.65	0.96	0.06	0.1	0.013	<0.005	0.04	4.5	4.7	4.80	6550	0.60	<0.01	0.8	4.8
453605		9.59	0.37	<0.05	<0.1	0.006	0.013	0.02	3.2	1.0	1.46	2190	0.63	<0.01	0.6	3.2
453606		9.00	18.05	0.06	1.1	0.008	0.085	0.04	3.5	9.8	4.28	1770	1.29	0.90	3.2	76.9
453607		1.07	2.83	<0.05	<0.1	0.007	<0.005	0.01	<0.5	1.1	0.63	477	1.72	0.22	<0.1	11.0
453608		22.0	4.02	0.05	0.5	0.021	0.015	0.55	6.7	0.5	2.76	11150	0.36	0.03	4.8	15.9
453609		1.17	0.18	<0.05	<0.1	0.049	<0.005	0.01	<0.5	0.5	0.05	929	1.56	0.01	0.1	1.7
453610		7.09	14.65	0.08	0.4	<0.005	0.035	0.01	1.5	26.2	7.23	1080	0.28	0.89	1.2	469
453611		4.88	24.1	0.11	1.7	0.008	0.102	3.90	11.5	2.5	1.65	438	1.38	3.28	13.9	67.3
453651		6.88	19.65	0.10	3.2	0.019	0.034	4.83	12.3	39.5	1.31	1130	1.04	0.27	6.7	16.4
453652		4.19	16.20	0.08	3.6	0.006	0.039	3.23	2.7	24.8	1.01	360	0.52	0.03	5.9	18.1
453653		3.05	22.6	0.11	2.7	0.048	0.055	4.91	6.4	29.0	0.84	156	4.56	0.04	7.7	2.3
453654		2.92	3.87	0.05	0.2	0.009	0.005	0.24	2.2	8.9	0.63	217	1.18	0.01	0.9	9.8
453655		5.38	22.8	0.08	2.2	<0.005	0.044	3.99	3.0	33.4	1.37	392	0.31	0.05	7.6	23.5
453656		15.85	0.93	0.05	0.1	<0.005	0.005	0.02	4.4	2.1	3.94	7640	0.81	<0.01	1.0	4.4
453657		3.89	0.27	<0.05	<0.1	<0.005	<0.005	0.03	0.8	1.8	1.50	1460	1.24	<0.01	0.5	5.7
453658		2.32	1.39	<0.05	0.2	0.006	0.006	0.20	2.8	1.5	0.07	587	2.20	0.01	2.5	2.0
453659		7.25	0.31	<0.05	<0.1	<0.005	<0.005	0.02	2.6	0.9	0.60	2370	1.77	<0.01	0.2	2.6
442946		6.64	18.95	0.06	3.4	<0.005	0.070	3.64	1.3	59.1	1.99	599	0.57	0.14	13.3	22.6
442947		25.8	0.63	0.06	0.1	<0.005	<0.005	0.02	9.3	1.6	3.30	9710	0.31	<0.01	0.6	1.7
442948		15.80	2.20	0.05	0.4	<0.005	0.015	0.05	5.4	2.8	2.64	7590	0.70	<0.01	3.1	11.4
453701		15.30	0.26	<0.05	<0.1	0.161	0.088	0.01	1.5	0.4	0.07	4770	0.93	0.01	0.9	21.6
453702		16.70	5.58	<0.05	0.1	0.011	0.046	0.02	1.4	5.3	0.40	807	1.10	0.01	0.5	5.4
453703		20.3	1.33	0.05	0.1	0.007	0.030	0.05	9.4	2.2	0.81	11750	0.97	0.02	1.2	9.2
453704		19.45	3.34	<0.05	0.2	0.016	0.045	0.09	6.5	4.5	0.36	5320	0.84	0.01	2.5	13.7
453705		15.00	1.36	<0.05	<0.1	0.019	0.019	0.03	3.1	1.6	0.09	1460	1.22	0.01	0.5	6.2
453706		36.3	2.49	0.07	<0.1	0.110	0.012	0.03	0.5	4.4	0.24	681	0.64	<0.01	0.1	145.0
453707		17.25	3.18	0.05	0.5	0.048	0.010	0.22	4.3	1.7	0.45	4450	3.12	0.03	4.7	4.2
453708		16.00	0.67	0.06	0.1	0.018	<0.005	0.05	5.5	0.4	0.83	10300	0.96	0.02	1.0	5.0
453709		10.65	10.15	<0.05	2.7	0.045	0.022	0.88	5.6	11.0	0.86	459	8.66	0.99	8.9	9.2
453710		10.10	11.45	<0.05	0.2	0.025	0.032	0.02	2.3	8.4	1.14	665	1.92	0.01	0.6	2.4
453711		4.04	0.18	<0.05	<0.1	0.015	<0.005	0.01	0.7	0.8	0.79	1260	1.82	<0.01	0.2	4.6
453712		5.20	24.8	0.08	1.7	0.023	0.176	4.34	13.3	2.2	1.53	423	1.50	3.17	13.3	62.6
407481		1.94	3.61	<0.05	0.7	<0.005	0.011	0.25	6.1	11.2	0.71	441	2.30	0.02	1.0	6.9
407482		0.80	1.16	<0.05	0.4	<0.005	<0.005	0.08	1.9	2.8	0.26	324	3.22	0.02	0.7	5.2
407483		0.62	1.03	<0.05	0.1	0.008	<0.005	0.15	0.7	1.4	0.05	178	3.05	0.08	0.3	2.4
407484		0.89	0.96	<0.05	0.1	<0.005	<0.005	0.09	3.4	1.8	0.08	116	4.11	0.01	0.7	3.3

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QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
442950		890	144.5	372	0.002	2.60	1.46	5.0	3	1.1	242	1.03	0.44	1.32	0.466	1.40
453601		100	4.2	96.7	<0.002	0.04	0.10	6.1	<1	0.8	28.3	0.35	0.07	4.78	0.139	0.26
453602		430	35.7	6.9	<0.002	0.02	0.06	0.6	<1	<0.2	7.6	<0.05	0.18	0.34	0.010	0.02
453603		200	4.5	204	<0.002	0.08	0.18	11.9	1	1.3	18.5	0.63	<0.05	9.79	0.293	0.65
453604		250	0.9	1.5	<0.002	0.01	0.06	0.4	1	<0.2	57.3	<0.05	<0.05	0.15	0.006	<0.02
453605		140	1.6	0.9	<0.002	2.94	0.51	0.8	1	<0.2	2.6	<0.05	0.10	0.09	<0.005	0.03
453606		380	3.9	1.4	0.003	0.01	0.43	50.0	1	0.7	100.5	0.21	<0.05	0.31	0.648	<0.02
453607		20	1.0	0.2	<0.002	0.01	0.09	4.3	<1	<0.2	28.7	<0.05	<0.05	0.02	0.033	<0.02
453608		380	0.6	14.9	<0.002	0.01	0.80	2.7	<1	0.3	31.9	0.28	<0.05	0.72	0.090	0.04
453609		540	1.8	0.6	<0.002	0.01	0.15	0.1	<1	<0.2	12.6	<0.05	<0.05	0.01	<0.005	<0.02
453610		160	1.6	0.2	<0.002	0.01	1.13	17.5	1	0.4	113.5	0.08	<0.05	0.12	0.249	<0.02
453611		920	147.0	384	0.003	2.52	1.58	5.0	4	1.2	244	1.01	0.58	1.38	0.464	1.53
453651		180	7.9	172.5	<0.002	0.13	0.39	9.6	1	1.2	22.3	0.58	<0.05	9.64	0.244	1.01
453652		160	3.5	115.0	<0.002	0.03	0.21	7.4	1	1.1	12.1	0.49	<0.05	9.53	0.212	0.54
453653		120	9.6	151.5	0.002	0.19	1.23	11.6	2	1.7	11.3	0.63	0.09	10.15	0.271	0.87
453654		160	10.9	9.0	<0.002	0.05	0.21	1.0	<1	<0.2	3.9	0.11	0.08	0.98	0.036	0.04
453655		140	2.2	131.5	<0.002	0.04	0.30	10.5	<1	1.6	11.1	0.60	<0.05	12.45	0.280	0.47
453656		240	0.9	0.9	<0.002	0.05	0.08	0.6	<1	<0.2	38.9	0.06	<0.05	0.29	0.012	<0.02
453657		50	0.5	1.2	<0.002	0.01	0.08	0.1	<1	<0.2	16.1	<0.05	<0.05	0.12	<0.005	0.02
453658		100	14.4	8.2	<0.002	0.05	0.18	0.7	1	0.2	2.3	0.10	0.09	0.58	0.032	0.08
453659		270	0.8	0.7	<0.002	0.82	0.08	0.1	1	<0.2	11.3	<0.05	0.05	0.07	<0.005	0.02
442946		250	7.3	148.5	<0.002	0.02	0.07	11.2	1	1.9	15.4	0.82	<0.05	10.05	0.342	0.55
442947		530	1.7	0.7	<0.002	0.01	0.06	0.4	1	<0.2	44.4	<0.05	<0.05	0.17	0.006	0.02
442948		390	1.7	1.6	<0.002	0.28	0.09	1.4	1	<0.2	19.7	0.21	<0.05	0.61	0.058	0.02
453701		80	2.0	0.5	<0.002	3.23	0.20	0.1	1	<0.2	1.7	<0.05	0.16	0.06	0.009	0.02
453702		240	4.7	1.5	<0.002	0.56	0.13	1.5	3	<0.2	1.4	<0.05	0.26	0.11	0.009	0.04
453703		770	2.3	4.0	<0.002	1.04	0.14	0.4	1	0.2	39.1	0.05	0.08	0.26	0.011	0.11
453704		240	2.0	7.6	<0.002	0.99	0.15	0.8	<1	0.3	5.1	0.13	0.11	0.36	0.025	0.25
453705		200	3.2	2.1	<0.002	1.35	0.11	0.3	3	<0.2	8.2	<0.05	0.37	0.19	0.005	0.07
453706		20	3.6	1.5	0.002	>10.0	0.09	0.4	6	<0.2	5.3	<0.05	0.94	0.02	<0.005	0.07
453707		390	3.6	15.0	0.002	1.55	0.50	1.1	6	0.4	16.5	0.34	0.23	0.71	0.047	0.07
453708		540	1.8	3.5	<0.002	0.58	0.33	0.4	2	<0.2	28.6	<0.05	0.09	0.23	0.009	0.03
453709		600	5.8	37.1	0.002	0.27	0.14	10.0	2	0.3	11.1	0.55	0.10	3.55	0.159	0.38
453710		80	1.2	2.2	<0.002	0.07	0.09	5.2	<1	<0.2	1.0	<0.05	<0.05	0.36	0.013	0.03
453711		50	0.6	0.4	<0.002	0.03	0.11	0.1	<1	<0.2	29.1	<0.05	<0.05	0.04	<0.005	0.02
453712		880	184.5	437	0.003	3.13	1.91	5.1	4	1.2	236	0.88	0.73	1.56	0.451	1.98
407481		50	2.8	9.0	<0.002	0.01	0.15	1.6	<1	0.2	5.9	0.09	<0.05	2.25	0.048	0.03
407482		60	74.9	2.4	<0.002	0.01	0.16	1.2	<1	<0.2	3.7	<0.05	0.85	0.69	0.018	<0.02
407483		20	3.9	7.7	<0.002	0.02	0.11	0.5	<1	<0.2	8.4	<0.05	<0.05	0.40	0.010	0.03
407484		20	19.6	4.4	<0.002	0.03	0.10	0.4	<1	<0.2	3.6	0.05	0.15	0.64	0.021	0.02

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CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442950		0.7	59	0.6	6.4	224	73.4
453601		1.0	53	1.3	3.9	45	59.0
453602		0.1	4	0.2	2.5	18	6.2
453603		1.9	80	0.9	5.7	98	89.6
453604		0.3	16	0.4	6.8	7	3.6
453605		0.6	6	0.1	2.5	26	1.2
453606		0.1	345	0.2	23.9	107	26.9
453607		<0.1	97	<0.1	1.0	13	0.5
453608		0.5	76	0.6	6.1	23	21.6
453609		<0.1	3	0.1	2.7	5	<0.5
453610		<0.1	139	0.1	9.1	67	11.8
453611		0.6	59	0.8	6.8	232	73.4
453651		1.5	66	1.3	4.4	79	109.0
453652		2.0	55	0.8	7.1	90	126.5
453653		2.7	225	1.5	4.9	38	90.8
453654		0.2	10	0.1	1.0	43	6.0
453655		1.4	68	1.6	4.6	71	73.3
453656		0.3	14	0.2	5.9	6	6.3
453657		0.1	4	0.1	2.5	2	1.8
453658		0.7	16	0.3	1.1	42	8.6
453659		0.1	5	0.1	3.6	2	<0.5
442946		0.9	74	4.2	8.4	84	118.5
442947		0.2	15	0.2	7.9	6	3.5
442948		0.3	36	0.2	3.7	39	15.8
453701		0.1	3	<0.1	2.1	11	1.2
453702		0.1	59	0.1	1.6	63	2.8
453703		0.2	17	0.1	8.6	50	4.7
453704		0.4	53	0.1	3.7	77	10.8
453705		0.1	18	<0.1	1.3	18	1.5
453706		0.1	28	<0.1	0.5	30	<0.5
453707		0.8	32	0.1	4.0	24	20.8
453708		0.2	7	0.1	6.1	21	4.0
453709		3.4	103	1.2	5.9	55	113.0
453710		0.2	133	0.1	0.6	144	7.6
453711		0.1	3	0.1	1.5	3	0.9
453712		0.9	58	0.5	6.8	334	70.8
407481		0.2	11	0.4	1.9	35	25.6
407482		0.2	7	0.6	0.7	13	14.4
407483		0.1	4	0.1	0.4	5	3.7
407484		0.1	5	0.1	0.4	28	1.8

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Projet: KAN

CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
407485		1.54	<0.001	0.04	0.23	1.3	20	0.10	0.17	0.03	0.02	34.4	1.0	53	0.13	9.2
407486		1.22	0.012	0.26	4.05	24.8	360	1.51	0.31	0.09	0.04	45.3	2.3	69	2.93	45.8
407487		1.52	<0.001	0.02	1.19	1.4	30	0.15	0.07	1.13	0.02	4.05	1.9	56	0.32	2.9
407488		1.31	<0.001	0.01	0.04	0.7	<10	<0.05	0.05	2.88	0.02	0.65	0.3	64	<0.05	1.2
407489		1.35	<0.001	0.02	0.23	0.6	10	<0.05	0.04	0.19	<0.02	0.45	0.9	61	<0.05	10.5
407490		1.17	0.001	0.09	1.60	0.9	20	0.27	0.08	0.12	0.03	8.03	3.2	35	0.85	42.0
407491		1.07	0.608	0.19	1.20	2.2	40	0.32	0.13	0.22	0.06	17.85	6.7	18	1.93	72.5
407492		1.58	0.001	0.07	0.16	19.1	10	0.29	0.06	0.85	0.12	4.69	2.2	31	1.41	13.0
407493		1.24	<0.001	0.05	1.04	1.1	10	0.17	0.05	0.02	<0.02	3.12	0.9	30	0.49	15.8
407494		1.45	0.077	0.51	0.88	0.7	10	0.34	0.12	0.07	<0.02	8.94	1.8	20	1.17	33.0
407495		1.94	0.003	0.07	0.39	2.3	10	0.22	0.05	0.48	0.08	4.52	2.1	37	1.84	27.1
407496		1.25	<0.001	0.17	0.15	1.2	10	0.40	0.11	0.08	0.08	15.40	4.0	10	1.64	52.4
407497		1.81	<0.001	0.02	0.19	2.1	10	0.08	0.02	0.01	<0.02	3.89	0.3	23	0.13	9.1
407498		1.59	0.023	0.14	0.56	0.6	10	0.12	0.07	0.07	0.02	7.88	1.6	32	0.36	57.1
407499		1.58	0.617	0.11	0.30	0.7	10	0.09	0.04	0.06	0.07	4.72	2.9	35	0.31	25.2
407500		1.71	0.007	0.05	0.19	2.6	10	0.72	0.05	0.83	0.08	10.80	4.6	29	3.69	25.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
407485		0.68	0.80	<0.05	0.1	<0.005	0.005	0.09	14.6	1.3	0.04	85	2.67	0.01	0.3	2.7
407486		15.80	11.50	0.09	1.5	<0.005	0.045	1.72	28.0	37.4	1.40	457	3.65	0.25	5.8	7.7
407487		1.04	3.00	0.06	0.6	<0.005	0.006	0.13	2.2	10.0	1.08	465	2.83	0.25	0.6	3.7
407488		0.44	0.20	0.05	<0.1	<0.005	0.009	0.01	<0.5	0.5	0.03	289	3.77	0.01	0.1	0.9
407489		0.44	0.40	0.06	<0.1	<0.005	0.007	0.02	<0.5	1.1	0.12	71	2.41	0.04	0.1	3.2
407490		16.55	6.22	0.10	0.3	0.013	0.036	0.15	3.7	16.4	0.86	3640	2.11	0.03	2.6	9.6
407491		21.0	4.57	0.14	0.6	0.010	0.038	0.23	10.9	7.4	0.84	2880	2.85	0.06	3.3	27.0
407492		15.95	0.91	0.08	0.1	0.006	0.010	0.04	3.0	1.4	0.82	4730	1.85	<0.01	1.3	3.9
407493		6.52	3.93	0.08	0.1	0.017	0.014	0.16	1.7	7.6	0.54	582	1.68	0.01	1.8	2.4
407494		15.60	3.38	0.10	0.3	0.017	0.020	0.06	5.3	6.9	0.74	1860	1.57	<0.01	7.6	2.6
407495		15.35	1.89	0.10	0.2	0.008	0.020	0.06	2.8	1.7	0.40	2890	2.55	<0.01	2.0	4.5
407496		26.6	0.74	0.14	0.2	0.013	0.034	0.06	9.4	1.2	0.31	2870	0.42	0.01	2.7	7.4
407497		3.23	1.01	0.05	0.1	0.011	0.008	0.02	2.3	2.0	0.10	225	1.92	<0.01	0.6	2.6
407498		10.80	2.77	0.07	0.4	0.031	0.018	0.05	4.2	5.5	0.29	565	6.00	<0.01	2.5	4.4
407499		13.75	1.30	0.06	0.1	0.019	0.030	0.03	3.0	2.3	0.38	2170	1.67	<0.01	0.7	6.1
407500		22.5	0.81	0.08	0.1	0.033	0.019	0.10	6.9	0.5	0.79	5090	1.48	0.01	1.6	3.4

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QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
407485		120	4.8	4.2	<0.002	0.01	0.15	0.3	<1	<0.2	3.4	<0.05	<0.05	3.40	0.008	0.03
407486		1310	13.1	95.4	0.005	0.68	0.34	7.1	3	1.6	21.1	0.43	0.27	7.81	0.163	1.28
407487		30	3.9	5.5	<0.002	0.01	0.06	0.9	<1	<0.2	17.1	<0.05	<0.05	0.92	0.019	0.02
407488		20	0.7	0.6	<0.002	0.01	0.08	4.1	<1	<0.2	27.4	<0.05	<0.05	0.08	<0.005	0.02
407489		10	<0.5	0.6	<0.002	<0.01	0.06	1.2	<1	<0.2	3.9	<0.05	<0.05	0.03	<0.005	<0.02
407490		320	2.5	7.1	<0.002	0.65	0.22	2.4	2	0.3	6.4	0.20	0.18	0.42	0.028	0.16
407491		290	3.4	12.3	<0.002	4.24	0.36	1.8	4	0.4	7.6	0.19	0.34	0.75	0.027	0.27
407492		360	1.5	4.0	<0.002	0.59	0.55	0.4	1	0.2	16.3	0.06	0.15	0.17	0.006	0.12
407493		60	1.2	8.1	<0.002	0.18	0.17	1.4	1	0.2	2.6	0.15	0.17	0.17	0.016	0.17
407494		520	3.2	4.6	<0.002	0.35	0.44	2.0	1	0.2	3.4	0.40	0.30	0.49	0.028	0.16
407495		330	1.0	4.4	0.002	0.93	0.27	1.0	1	0.2	10.0	0.14	0.13	0.26	0.026	0.08
407496		550	3.5	4.3	<0.002	0.74	0.44	0.7	1	0.2	8.4	0.12	0.24	0.42	0.013	0.16
407497		70	1.1	1.0	<0.002	0.03	0.10	0.5	1	<0.2	0.5	<0.05	0.09	0.11	0.005	0.02
407498		280	5.4	2.6	0.002	0.20	0.38	1.4	2	0.2	2.2	0.21	0.35	0.67	0.033	0.09
407499		190	2.9	2.2	<0.002	0.69	0.33	0.3	1	<0.2	1.5	0.05	0.22	0.14	0.005	0.07
407500		340	2.1	4.3	<0.002	1.24	1.64	0.5	1	0.3	11.4	0.06	0.10	0.27	0.015	0.05

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Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185316

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
407485		0.1	2	0.1	1.3	7	2.2
407486		2.5	110	0.6	7.3	134	55.4
407487		0.2	7	0.1	2.0	25	19.3
407488		<0.1	2	0.1	1.7	<2	0.9
407489		<0.1	6	0.1	0.3	3	0.5
407490		0.2	78	0.1	2.8	79	12.8
407491		0.9	57	0.2	4.1	77	24.9
407492		0.3	8	<0.1	4.6	52	3.8
407493		0.1	50	0.1	0.9	48	4.2
407494		0.5	61	0.1	4.0	94	14.1
407495		0.5	20	0.1	3.4	50	8.8
407496		0.3	11	0.1	5.1	99	5.8
407497		0.2	22	0.1	0.9	13	2.9
407498		0.6	53	0.1	2.5	41	20.8
407499		0.1	18	<0.1	1.9	49	3.2
407500		0.3	11	0.1	6.5	75	6.9

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CERTIFICAT D'ANALYSE VO17185316

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17185319

Projet: KAN

Ce rapport s'applique aux 12 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- AOUT- 2017.

Les résultats sont transmis à:

ROSSE ANNE BOUCHARD CYNTHIA LEE CORPORATIF WEBTREIVE	SIMON HEBERT LEE SCHOLL	SIMON HOULE JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: CYNTHIA LEE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 7- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185319

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
403424		1.24	<0.001	0.03	6.90	0.9	550	1.61	0.20	1.97	<0.02	56.8	16.5	48	1.57	40.9
403425		1.13	<0.001	<0.01	0.16	<0.2	10	1.09	0.01	2.90	0.04	10.30	4.4	4	2.37	0.4
403426		1.50	0.001	<0.01	0.04	1.0	<10	0.82	0.01	0.15	0.02	0.96	5.6	8	0.21	3.8
403427		1.06	<0.001	<0.01	0.20	2.1	10	0.51	0.01	2.41	0.02	7.76	3.9	8	3.66	1.0
403428		1.25	<0.001	<0.01	0.49	102.5	<10	0.56	1.61	0.30	0.04	14.85	9.7	22	0.47	0.6
403429		1.41	0.773	0.43	0.08	1.4	<10	0.36	0.04	0.29	0.02	3.57	4.1	11	0.54	10.1
403430		1.09	<0.001	0.04	7.88	1.4	30	0.33	0.01	6.33	0.12	11.10	47.5	185	1.09	104.5
403431		0.59	0.013	0.60	2.34	54.7	60	0.94	0.53	0.05	0.34	10.75	9.5	45	1.40	203
403432		0.86	0.007	0.01	0.28	0.8	10	0.72	0.01	0.52	0.23	14.10	9.9	11	5.67	7.5
403433		1.82	0.040	0.08	0.21	1.1	<10	0.45	0.03	0.89	0.24	10.80	19.1	12	1.20	91.3
403434		1.67	0.009	0.27	0.28	7.7	10	1.09	0.06	0.36	0.18	22.3	7.9	12	7.33	131.0
403435		0.12	8.60	1.60	8.45	106.5	210	4.24	3.74	2.11	4.44	28.4	17.9	60	2.58	121.0

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CERTIFICAT D'ANALYSE VO17185319

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
403424		6.70	18.75	0.06	3.2	<0.005	0.049	2.00	27.2	34.8	2.90	3410	0.12	1.16	5.8	27.0
403425		24.3	1.15	0.08	0.1	0.011	<0.005	0.07	6.0	0.9	1.34	12250	0.34	0.01	0.9	1.9
403426		19.40	0.40	0.07	<0.1	0.009	<0.005	0.01	0.5	1.0	1.88	5170	0.07	0.01	1.6	4.2
403427		19.35	1.20	0.07	0.1	0.021	0.005	0.11	4.4	0.6	1.06	13250	0.45	0.01	1.9	2.5
403428		1.37	0.64	<0.05	0.3	0.082	0.010	0.04	8.5	2.4	0.52	288	0.36	<0.01	3.1	8.0
403429		13.05	0.53	0.05	<0.1	0.131	<0.005	0.04	1.8	0.4	0.97	4950	0.15	<0.01	0.8	2.3
403430		9.74	19.35	0.06	1.2	0.053	0.076	0.22	4.0	12.3	4.55	1420	0.27	2.01	3.7	119.5
403431		13.65	13.45	0.11	1.8	1.305	0.148	0.99	5.3	11.6	0.59	178	25.7	0.02	10.1	18.3
403432		25.2	1.91	0.11	0.2	0.020	0.025	0.13	8.3	0.9	1.53	7110	0.44	0.01	3.1	10.4
403433		23.7	1.26	0.10	0.2	0.087	0.078	0.03	5.5	0.9	1.26	7410	0.31	0.01	2.0	17.4
403434		24.8	1.40	0.13	0.2	0.097	0.063	0.12	13.8	1.9	1.05	3360	0.31	<0.01	1.2	9.0
403435		5.65	26.5	0.12	1.5	0.010	0.178	4.72	12.7	2.5	1.63	439	1.47	3.46	14.2	67.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO17185319

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
403424		280	8.8	66.0	<0.002	0.01	0.15	10.2	1	1.4	75.6	0.35	0.14	10.10	0.238	0.24
403425		350	0.7	3.9	<0.002	<0.01	0.45	0.4	<1	0.4	19.1	<0.05	<0.05	0.26	0.009	<0.02
403426		180	<0.5	0.7	<0.002	0.06	2.71	1.4	1	0.3	1.9	<0.05	<0.05	0.14	<0.005	0.02
403427		400	0.8	5.2	<0.002	0.02	0.26	0.7	1	0.2	14.8	0.07	<0.05	0.40	0.017	<0.02
403428		850	<0.5	3.8	<0.002	<0.01	0.13	1.0	1	0.3	2.6	0.13	1.03	0.67	0.031	0.08
403429		330	1.0	1.1	<0.002	0.22	0.32	0.5	1	0.2	3.5	<0.05	0.06	0.13	0.008	0.05
403430		460	1.0	14.5	0.002	0.07	0.38	40.0	1	0.8	135.5	0.24	<0.05	0.33	0.749	0.22
403431		480	29.3	50.5	0.041	3.76	8.08	8.0	8	1.9	3.3	0.46	0.87	3.35	0.083	0.85
403432		480	0.9	6.6	<0.002	0.03	1.63	0.9	<1	0.5	7.8	0.11	<0.05	0.54	0.033	0.03
403433		470	2.0	1.8	<0.002	2.97	0.42	0.7	1	0.2	12.9	0.08	0.10	0.40	0.019	0.02
403434		1080	2.0	9.1	<0.002	2.13	0.34	0.8	2	0.7	8.1	0.08	0.07	0.51	0.012	0.07
403435		930	199.0	480	0.002	3.33	2.06	5.0	4	1.4	259	0.93	0.92	1.64	0.467	1.93

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185319

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
403424		1.1	68	1.4	10.8	79	123.0
403425		0.1	15	0.1	10.5	12	4.9
403426		0.1	1	0.1	1.6	19	0.8
403427		0.3	16	0.1	6.2	6	5.5
403428		0.3	46	0.3	11.1	33	11.8
403429		0.1	5	<0.1	2.8	20	1.8
403430		0.1	356	0.3	24.6	98	20.0
403431		9.0	392	0.8	6.9	85	99.1
403432		0.5	31	0.1	7.9	150	10.1
403433		0.4	17	0.1	6.2	118	8.0
403434		0.3	13	0.1	9.2	169	11.3
403435		0.9	60	0.6	6.6	359	71.4

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CERTIFICAT D'ANALYSE VO17185319

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17185323

Projet: KAN

Bon de commande #: KAN- 029

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185323

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441961		2.60	0.071	0.11	0.18	1.2	10	0.25	0.01	5.02	0.24	8.00	2.8	9	0.19	6.8
441962		<0.02	1.005	0.10	0.20	1.8	10	0.26	0.01	5.06	0.24	8.04	2.8	13	0.20	7.1
441963		3.70	0.039	0.08	0.19	3.1	10	0.34	0.02	3.24	0.05	8.14	2.5	8	0.17	2.6
441964		1.99	0.042	0.04	0.16	2.4	<10	0.28	0.02	3.18	0.06	8.42	2.7	5	0.12	6.7
441965		2.33	0.053	0.17	0.19	1.0	10	0.28	0.04	3.52	0.06	6.87	4.2	6	0.14	37.3
441966		1.69	0.005	0.20	0.14	1.0	<10	0.25	0.05	2.44	0.10	6.27	3.4	7	0.09	40.2
441967		0.06	8.50	1.61	8.10	119.5	190	4.13	3.50	1.96	4.15	25.6	18.8	56	2.52	120.0
441968		1.82	0.048	1.37	0.03	0.8	<10	0.11	0.15	6.67	0.17	4.38	8.4	1	<0.05	210
441969		4.48	0.011	0.17	0.04	0.7	<10	0.21	0.04	11.80	0.14	10.45	1.6	4	0.17	24.8
441970		3.28	<0.001	0.03	0.13	0.4	10	0.37	0.01	4.67	0.06	8.26	2.4	6	0.12	1.3
441971		0.21	<0.001	0.01	0.14	0.7	210	0.08	0.02	19.25	0.06	2.31	0.5	1	0.42	1.3
441972		1.93	0.007	0.03	0.09	0.6	<10	0.34	0.01	2.53	0.03	4.13	2.5	12	0.06	1.4
441973		1.95	0.001	0.06	0.27	1.1	10	0.77	0.03	6.43	0.05	7.74	3.7	7	0.31	3.6
441974		3.93	0.006	0.58	0.10	0.8	10	1.80	0.08	7.79	0.13	4.92	2.5	5	1.04	121.0
441975		2.03	0.005	0.21	0.34	0.9	10	0.64	0.05	4.19	0.10	8.15	5.0	11	0.23	28.4
441976		0.06	1.280	1.17	8.07	101.0	120	4.85	2.82	2.22	2.85	24.7	19.2	61	2.58	58.9
441977		2.24	0.001	0.05	0.17	2.1	10	0.30	0.01	3.28	0.06	7.90	4.1	10	0.13	4.7
441978		3.30	0.081	0.02	0.15	0.5	<10	0.26	0.01	6.94	0.16	4.56	3.6	6	<0.05	4.1
441979		2.80	0.001	0.02	0.08	0.2	<10	0.13	0.01	8.18	0.25	5.15	2.7	5	<0.05	4.7
441980		3.63	0.031	0.02	0.03	1.1	<10	0.18	0.01	7.40	0.07	3.39	2.5	6	<0.05	2.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185323

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441961		14.05	0.92	0.05	0.1	<0.005	0.010	0.09	4.8	1.6	2.21	3770	1.09	<0.01	0.7	5.9
441962		14.40	1.03	<0.05	0.1	0.011	0.009	0.10	4.8	1.7	2.19	3810	1.15	0.01	0.7	5.8
441963		15.35	0.93	0.05	0.1	<0.005	0.005	0.09	4.8	0.8	1.71	4100	1.07	<0.01	1.2	6.0
441964		14.50	0.76	<0.05	0.1	<0.005	<0.005	0.07	5.1	0.8	1.78	3880	0.79	<0.01	0.7	4.6
441965		15.15	0.95	0.05	0.1	<0.005	0.006	0.07	4.0	1.4	1.97	3660	1.58	<0.01	1.1	5.8
441966		16.10	0.88	0.05	0.1	<0.005	0.005	0.05	3.7	2.1	1.47	3540	2.61	0.01	0.8	6.1
441967		5.53	24.5	0.13	1.5	0.016	0.174	4.53	12.6	2.8	1.58	429	1.39	3.35	14.6	64.2
441968		28.5	0.20	0.10	<0.1	0.008	0.008	0.01	2.6	1.4	2.60	2600	9.97	<0.01	0.2	29.9
441969		10.35	0.29	0.06	0.1	0.008	<0.005	0.02	6.3	1.4	4.93	2880	0.99	<0.01	0.6	3.0
441970		12.70	0.82	<0.05	0.1	<0.005	0.005	0.06	5.2	1.6	2.61	3450	0.32	<0.01	1.1	2.7
441971		0.31	0.40	<0.05	0.1	<0.005	<0.005	0.08	1.3	17.6	12.80	329	0.08	0.03	0.4	0.3
441972		10.50	0.54	<0.05	0.1	<0.005	0.005	0.02	2.5	0.8	1.61	2670	0.31	0.01	0.5	3.2
441973		17.75	1.33	0.06	0.1	<0.005	0.009	0.06	4.4	2.7	3.91	4230	0.63	<0.01	1.5	5.0
441974		18.80	0.67	0.07	<0.1	0.018	<0.005	0.08	2.8	2.5	3.18	2360	3.26	<0.01	0.5	12.6
441975		16.95	1.47	0.08	0.2	0.008	0.008	0.12	4.8	1.8	2.05	4190	2.25	0.01	2.1	10.3
441976		5.19	23.7	0.16	1.6	0.007	0.104	4.17	11.1	2.9	1.73	439	1.41	3.57	15.8	71.1
441977		16.35	0.87	0.08	0.1	<0.005	<0.005	0.08	4.7	1.0	2.13	4050	1.11	0.01	1.0	3.7
441978		17.90	0.72	0.07	0.1	0.006	0.006	<0.01	3.0	1.7	3.93	6280	1.78	<0.01	0.6	2.9
441979		13.90	0.44	0.07	0.1	<0.005	0.021	0.01	3.3	1.3	3.94	5610	0.89	<0.01	0.3	1.2
441980		10.90	0.25	<0.05	<0.1	<0.005	<0.005	0.01	2.0	0.9	3.79	2510	0.22	<0.01	0.3	0.9

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Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185323

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441961		480	2.1	4.7	<0.002	0.63	0.10	0.5	1	<0.2	77.3	<0.05	0.06	0.17	0.007	0.16
441962		460	2.3	5.3	<0.002	0.54	0.11	0.6	1	<0.2	77.6	<0.05	<0.05	0.19	0.007	0.18
441963		290	1.3	3.7	<0.002	0.13	0.08	0.6	1	<0.2	36.1	0.05	<0.05	0.17	0.010	0.19
441964		330	1.4	2.6	<0.002	0.36	0.07	0.6	1	<0.2	38.8	<0.05	0.05	0.15	0.006	0.13
441965		230	1.9	3.2	<0.002	1.55	0.09	0.6	1	<0.2	45.2	0.05	0.10	0.17	0.010	0.16
441966		220	3.1	2.1	<0.002	1.68	0.08	0.5	1	<0.2	34.4	<0.05	0.10	0.15	0.005	0.07
441967		840	202	421	0.003	3.21	2.03	4.9	3	1.2	244	0.87	0.99	1.32	0.443	1.73
441968		100	5.5	0.8	<0.002	>10.0	0.08	0.7	4	<0.2	123.0	<0.05	0.54	0.05	<0.005	0.02
441969		150	4.2	1.4	<0.002	1.77	0.07	1.4	1	<0.2	163.5	<0.05	0.08	0.08	<0.005	0.04
441970		150	1.1	2.4	<0.002	0.21	0.05	0.4	1	<0.2	39.2	0.05	<0.05	0.15	0.006	0.05
441971		20	2.8	1.6	<0.002	0.02	0.12	0.2	1	<0.2	129.5	<0.05	<0.05	0.14	0.006	0.07
441972		130	0.9	0.8	<0.002	0.13	<0.05	0.4	<1	<0.2	16.0	<0.05	<0.05	0.12	<0.005	0.02
441973		150	1.9	3.3	<0.002	0.20	0.06	1.3	1	<0.2	38.0	0.06	<0.05	0.24	0.013	0.13
441974		30	8.0	5.7	<0.002	7.70	0.12	2.3	1	<0.2	82.0	<0.05	0.14	0.07	<0.005	0.25
441975		250	5.4	4.7	<0.002	1.63	0.11	0.9	1	<0.2	48.8	0.08	0.12	0.28	0.016	0.22
441976		940	147.5	374	<0.002	2.77	1.49	5.4	4	1.1	256	1.04	0.48	1.29	0.481	1.42
441977		300	1.3	3.5	<0.002	0.16	0.06	0.5	<1	<0.2	42.6	0.05	<0.05	0.16	0.008	0.14
441978		70	2.2	0.3	<0.002	0.18	0.05	0.4	1	<0.2	81.3	<0.05	<0.05	0.13	0.008	<0.02
441979		240	2.7	0.3	<0.002	0.16	0.05	0.4	1	<0.2	109.0	<0.05	<0.05	0.11	<0.005	0.02
441980		50	2.0	0.4	<0.002	0.15	0.06	0.1	1	<0.2	57.5	<0.05	<0.05	0.04	<0.005	<0.02

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185323

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441961		0.3	16	0.1	5.8	39	4.7
441962		0.3	17	0.1	6.2	42	5.2
441963		0.3	16	0.1	4.5	15	5.1
441964		0.2	13	0.1	4.2	14	3.8
441965		0.4	16	0.1	4.4	13	5.1
441966		0.3	13	0.1	3.9	22	4.6
441967		0.9	57	0.4	6.3	320	69.7
441968		0.3	5	<0.1	5.2	19	1.3
441969		0.5	9	0.1	9.8	11	2.8
441970		0.3	10	0.1	6.7	14	5.4
441971		0.2	2	0.1	1.2	17	2.4
441972		0.2	7	<0.1	3.5	9	2.9
441973		0.3	22	0.1	6.4	17	5.3
441974		0.5	11	<0.1	5.9	11	2.3
441975		0.7	28	0.2	4.9	22	8.1
441976		0.6	62	0.6	6.5	238	75.7
441977		0.3	16	3.8	4.3	15	4.5
441978		0.1	13	0.1	4.7	28	3.6
441979		0.2	7	0.1	4.7	36	3.0
441980		<0.1	6	<0.1	4.1	12	2.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185323

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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Finalisée date: 27- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17185326

Projet: KAN

Bon de commande #: KAN- 032

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

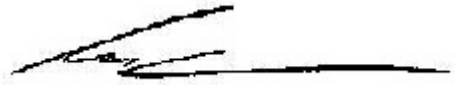
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 27- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185326

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442021		5.58	<0.001	0.07	0.21	1.3	<10	0.45	0.04	2.82	0.07	11.00	4.7	9	0.07	10.2
442022		<0.02	<0.001	0.08	0.23	2.1	<10	0.55	0.04	2.90	0.06	10.65	4.5	9	0.07	10.9
442023		3.95	<0.001	0.02	0.22	4.4	<10	0.27	0.04	4.73	0.06	13.65	4.1	8	0.07	1.8
442024		5.12	<0.001	0.02	0.33	2.1	<10	0.44	0.05	3.24	0.07	13.55	5.4	7	0.05	2.9
442025		4.93	<0.001	0.02	0.08	1.9	<10	0.20	0.04	2.96	0.05	14.40	3.4	4	<0.05	2.6
442026		3.08	<0.001	0.04	0.42	0.5	<10	0.43	0.05	2.50	0.05	17.20	5.5	10	0.06	3.9
442027		0.06	8.72	1.43	7.70	91.8	180	4.07	3.56	1.90	4.12	25.7	18.5	58	2.50	118.0
442028		4.08	<0.001	0.03	0.31	2.5	<10	0.45	0.06	3.71	0.04	11.25	4.3	10	<0.05	2.6
442029		5.12	<0.001	0.07	0.34	2.0	<10	0.34	0.06	3.04	0.05	13.75	4.9	9	0.09	6.5
442030		4.89	0.006	0.17	0.36	0.6	<10	0.30	0.06	1.44	0.06	13.35	5.0	10	0.10	26.5
442031		0.24	<0.001	0.01	0.10	5.6	100	0.05	0.03	18.35	0.04	1.65	0.5	2	0.58	1.7
442032		4.71	<0.001	0.14	0.29	1.0	10	0.29	0.05	0.98	0.04	8.77	4.5	9	0.12	17.7
442033		4.94	<0.001	0.13	0.53	2.9	<10	0.38	0.08	1.70	0.05	11.55	13.8	12	0.15	15.7
442034		4.37	<0.001	0.12	0.32	0.5	10	0.29	0.06	1.50	0.06	13.45	3.7	11	0.13	16.4
442035		2.57	<0.001	0.12	0.35	0.5	<10	0.20	0.06	1.54	0.05	17.95	4.0	9	0.08	19.6
442036		0.11	1.395	1.35	7.98	104.5	110	5.30	5.59	2.21	2.74	26.1	20.2	65	2.70	61.7
442037		2.50	0.008	0.29	0.06	1155	10	0.20	9.05	3.07	0.06	7.17	3.5	19	0.08	5.1
442038		2.71	0.002	2.28	0.05	34.6	<10	0.14	7.32	0.02	<0.02	3.43	0.9	5	0.05	38.6
442039		2.76	<0.001	0.74	0.08	2.7	<10	0.13	0.62	1.33	0.09	7.22	3.4	3	0.11	128.5
442040		1.53	<0.001	0.17	0.22	0.7	10	0.09	0.06	1.45	0.09	5.45	6.0	8	0.28	11.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185326

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
442021		20.0	1.19	0.11	0.1	<0.005	0.017	0.04	7.2	2.6	2.90	7790	0.38	0.01	0.8	3.6
442022		20.3	1.16	0.10	0.1	<0.005	0.021	0.05	7.1	2.8	2.93	8040	0.40	0.01	0.8	3.5
442023		20.1	1.16	0.10	0.1	0.037	0.009	0.02	9.5	3.5	4.36	5660	0.47	<0.01	0.6	3.6
442024		22.5	1.59	0.08	0.1	<0.005	0.012	0.02	8.6	4.4	4.24	6710	0.65	<0.01	0.8	5.2
442025		21.2	0.61	0.10	<0.1	0.005	0.015	0.02	10.2	2.4	4.21	7100	0.25	<0.01	0.4	2.9
442026		23.2	2.47	0.09	0.2	0.009	0.014	0.04	11.1	5.1	3.88	6630	0.66	0.01	1.1	6.9
442027		5.28	24.2	0.12	1.5	0.019	0.167	4.28	12.8	2.5	1.56	421	1.53	3.25	13.8	65.7
442028		20.6	1.73	0.11	0.1	0.009	0.013	0.02	7.5	5.0	4.08	4290	0.48	0.01	0.8	4.4
442029		22.5	1.86	0.10	0.1	<0.005	0.018	0.06	9.1	3.8	3.95	4870	0.77	0.01	0.8	4.0
442030		24.9	1.92	0.10	0.2	<0.005	0.025	0.08	9.0	2.8	3.70	6660	0.97	0.01	1.1	6.7
442031		0.34	0.44	0.06	0.1	<0.005	<0.005	0.04	0.8	14.4	12.85	369	0.09	0.02	0.2	1.7
442032		23.9	1.53	0.10	0.2	<0.005	0.025	0.08	5.9	5.1	3.57	6500	0.53	0.01	0.8	5.5
442033		25.9	2.70	0.11	0.2	0.005	0.021	0.06	7.4	1.9	3.93	5650	0.66	<0.01	1.5	6.9
442034		22.4	1.67	0.10	0.1	<0.005	0.024	0.11	8.9	2.2	3.41	4450	0.53	0.01	0.7	4.9
442035		24.7	1.80	0.09	0.2	0.006	0.025	0.05	12.2	1.9	3.86	5000	0.62	<0.01	1.0	3.2
442036		5.31	26.0	0.10	1.8	0.008	0.105	4.08	12.0	2.7	1.76	464	1.40	3.63	15.7	72.8
442037		4.13	0.54	0.06	<0.1	0.013	<0.005	0.02	4.1	1.2	1.15	1780	0.33	0.01	0.9	2.1
442038		14.20	0.54	0.12	<0.1	0.078	0.008	0.02	2.0	0.3	0.05	849	0.14	0.01	0.7	3.0
442039		21.4	0.48	0.09	<0.1	0.006	0.012	0.01	4.0	0.6	0.97	3250	0.53	0.01	0.7	24.3
442040		13.15	0.80	<0.05	0.1	0.010	0.010	0.06	3.5	1.8	1.64	3480	0.23	<0.01	0.8	7.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185326

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
442021		430	0.8	1.5	<0.002	0.71	0.10	0.7	<1	<0.2	19.8	0.05	0.05	0.28	0.009	0.05
442022		430	0.8	1.5	<0.002	0.84	0.12	0.7	1	<0.2	19.5	0.05	<0.05	0.26	0.009	0.06
442023		480	0.9	0.7	<0.002	0.16	0.18	0.6	<1	<0.2	33.8	<0.05	<0.05	0.24	0.006	0.03
442024		390	0.7	0.7	<0.002	0.22	0.22	0.8	<1	<0.2	21.9	<0.05	<0.05	0.33	0.010	0.03
442025		510	0.5	0.6	<0.002	0.21	0.09	0.3	<1	<0.2	20.6	<0.05	<0.05	0.15	<0.005	0.02
442026		600	0.8	1.3	<0.002	0.31	0.12	1.1	1	<0.2	19.2	0.06	<0.05	0.43	0.013	0.06
442027		850	172.0	470	0.002	3.06	1.95	5.0	3	1.1	235	0.87	0.78	1.38	0.440	1.63
442028		480	0.8	0.9	<0.002	0.24	0.18	0.9	1	<0.2	23.7	<0.05	<0.05	0.32	0.010	0.03
442029		480	0.7	1.8	<0.002	0.45	0.11	0.8	1	<0.2	19.2	<0.05	0.05	0.32	0.009	0.08
442030		490	1.2	2.2	<0.002	1.78	0.13	0.9	1	0.2	12.4	0.06	0.08	0.39	0.014	0.10
442031		30	2.5	1.6	<0.002	0.01	0.16	0.2	<1	<0.2	173.0	<0.05	<0.05	0.21	<0.005	0.05
442032		320	0.8	2.3	<0.002	1.11	0.17	0.7	1	0.2	8.0	<0.05	0.08	0.31	0.010	0.10
442033		360	1.2	1.8	<0.002	1.30	0.13	1.4	1	0.2	13.0	0.08	0.09	0.51	0.024	0.09
442034		710	1.7	3.0	<0.002	1.15	0.20	0.9	1	0.2	11.6	<0.05	0.06	0.36	0.010	0.13
442035		1180	0.9	1.4	<0.002	1.15	0.09	1.0	1	0.2	13.5	0.06	0.07	0.38	0.015	0.06
442036		980	183.0	399	0.002	2.78	1.64	5.6	4	1.2	254	1.19	0.54	1.45	0.497	1.37
442037		220	2.6	1.2	<0.002	0.54	0.37	1.3	3	0.2	16.8	<0.05	2.36	0.10	0.007	0.05
442038		130	42.0	0.7	<0.002	0.38	0.19	0.2	28	<0.2	1.2	<0.05	1.04	0.09	<0.005	<0.02
442039		410	5.4	0.5	<0.002	9.12	0.20	0.3	7	<0.2	7.6	<0.05	0.27	0.13	<0.005	0.04
442040		120	1.1	2.5	<0.002	1.77	0.08	0.5	2	<0.2	24.6	0.05	0.12	0.22	0.011	0.11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 27- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185326

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442021		0.3	16	0.2	5.1	27	6.2
442022		0.3	17	0.2	5.0	32	6.1
442023		0.3	17	0.1	6.3	19	5.1
442024		0.4	26	0.2	5.5	22	7.5
442025		0.2	8	0.1	5.6	23	2.1
442026		0.6	30	0.2	6.6	22	9.4
442027		0.8	57	0.5	6.2	335	68.3
442028		0.4	20	0.1	6.3	17	7.1
442029		0.4	24	0.1	6.4	24	6.6
442030		0.4	24	0.2	5.5	44	7.9
442031		0.2	2	0.3	1.0	12	3.7
442032		0.3	19	0.2	4.5	44	7.6
442033		0.6	38	0.1	5.2	32	10.8
442034		0.4	23	0.2	6.0	38	7.2
442035		0.3	23	0.2	7.7	43	7.5
442036		0.9	63	0.7	6.8	236	78.5
442037		0.1	10	0.2	3.3	7	2.6
442038		0.1	6	0.1	1.7	16	2.0
442039		0.2	9	0.1	3.7	28	2.7
442040		0.2	12	0.1	3.3	24	4.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 27- SEPT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17185326

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 30- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17185331

Projet: KAN

Bon de commande #: KAN- 026

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185331

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441901		1.20	<0.001	0.02	0.38	1.7	10	0.47	0.02	6.49	0.03	23.8	7.2	89	<0.05	8.9
441902		<0.02	<0.001	0.01	0.35	1.8	<10	0.38	0.02	6.41	0.02	24.2	7.0	70	<0.05	7.8
441903		4.56	<0.001	0.01	0.18	0.8	<10	0.23	0.02	5.06	0.03	6.64	3.6	11	<0.05	2.0
441904		4.25	0.502	0.12	0.36	0.7	<10	0.20	0.02	2.75	0.07	6.91	7.0	16	<0.05	9.6
441905		2.79	0.019	0.02	0.22	0.7	<10	0.27	0.02	5.46	0.07	6.07	4.0	11	<0.05	3.8
441906		3.53	0.017	0.01	0.12	0.4	<10	0.26	0.01	2.09	0.03	9.29	2.9	14	<0.05	3.1
441907		0.06	8.45	1.57	7.86	113.5	180	4.00	3.34	1.95	4.21	25.2	19.2	56	2.46	117.5
441908		2.57	0.006	0.02	0.29	0.9	10	0.57	0.03	5.28	0.04	9.55	3.7	10	0.05	2.9
441909		4.38	0.001	0.04	0.31	0.5	10	0.50	0.03	4.57	0.04	21.1	5.7	8	0.06	4.9
441910		3.39	0.001	0.02	0.53	2.3	10	0.54	0.02	6.64	0.07	8.45	4.9	14	0.07	3.8
441911		0.20	<0.001	0.01	0.10	1.8	240	0.09	0.02	17.60	0.05	1.54	0.8	1	0.39	1.2
441912		3.09	0.360	0.17	0.26	0.5	<10	0.18	0.08	2.05	0.07	8.16	4.9	6	<0.05	15.8
441913		4.00	0.082	0.37	0.18	1.1	<10	0.07	0.07	2.74	0.10	4.49	6.7	21	0.05	59.8
441914		5.82	0.007	0.19	0.14	0.9	<10	0.17	0.06	5.94	0.10	5.86	4.3	9	0.05	21.6
441915		3.72	<0.001	0.02	0.24	1.0	<10	0.40	0.01	9.62	0.10	7.12	3.2	8	0.06	2.4
441916		0.06	1.320	1.03	7.99	119.0	110	4.78	2.69	2.20	2.54	25.4	19.1	62	2.50	59.3
441917		3.33	<0.001	0.02	0.11	1.2	<10	0.28	0.01	6.49	0.03	3.41	2.5	9	0.06	2.1
441918		2.71	<0.001	0.05	0.13	0.3	<10	0.25	0.02	7.03	0.03	4.00	5.5	5	0.09	5.6
441919		5.21	<0.001	0.02	0.21	0.7	<10	0.21	0.01	9.60	0.06	6.48	3.8	7	0.05	1.7
441920		4.66	0.006	0.39	0.18	0.6	<10	0.19	0.12	7.59	0.09	5.67	9.8	7	0.21	31.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185331

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441901		17.10	2.76	0.07	0.7	0.024	0.013	0.01	13.8	11.7	3.34	3290	0.76	<0.01	4.6	35.6
441902		16.10	2.54	0.07	0.6	0.018	0.012	<0.01	14.0	10.5	3.50	3100	0.69	<0.01	4.4	33.3
441903		10.60	0.74	<0.05	0.2	<0.005	0.006	0.01	3.5	1.9	2.68	7210	0.37	<0.01	1.7	4.3
441904		13.25	1.63	<0.05	0.2	0.009	0.010	0.01	3.7	2.3	2.32	8500	0.32	<0.01	2.0	7.3
441905		12.75	0.98	<0.05	0.1	0.006	0.006	0.01	3.3	2.4	3.03	7500	0.22	<0.01	1.1	4.5
441906		12.75	0.60	<0.05	0.1	0.005	<0.005	0.01	5.4	1.3	1.72	6010	0.27	<0.01	1.0	3.0
441907		5.40	24.5	0.13	1.5	0.015	0.172	4.43	12.5	2.7	1.56	429	1.41	3.28	14.3	64.5
441908		13.30	1.44	0.05	0.2	<0.005	0.007	0.03	5.4	2.8	3.10	6500	0.47	<0.01	1.6	5.0
441909		17.70	1.51	0.07	0.2	<0.005	0.008	0.04	12.8	2.4	3.21	8520	0.51	<0.01	1.3	6.2
441910		15.05	2.30	0.05	0.3	<0.005	0.011	0.03	4.7	5.3	3.23	7940	0.88	<0.01	2.8	6.5
441911		0.76	0.31	<0.05	0.1	<0.005	<0.005	0.03	0.8	15.3	13.60	606	0.13	0.02	0.2	0.5
441912		14.05	1.13	0.05	0.1	<0.005	0.013	0.02	5.1	1.9	2.03	6840	0.42	<0.01	1.0	5.7
441913		12.45	0.81	0.05	0.1	0.015	0.011	0.01	2.6	1.3	1.58	4410	0.45	<0.01	0.3	13.1
441914		11.10	0.66	<0.05	0.2	0.007	0.010	0.01	3.2	1.8	2.97	6300	0.35	<0.01	0.7	6.3
441915		12.25	0.97	<0.05	0.2	<0.005	0.009	0.02	3.8	2.5	4.40	8620	0.32	<0.01	1.8	3.8
441916		5.16	23.9	0.13	1.5	0.009	0.105	4.01	12.2	2.8	1.73	453	1.28	3.44	15.3	67.8
441917		8.37	0.60	<0.05	0.1	<0.005	0.005	0.02	1.8	1.4	3.02	5160	0.32	0.01	0.8	2.6
441918		9.50	0.62	<0.05	0.1	<0.005	<0.005	0.02	2.0	1.5	3.28	5430	0.48	<0.01	1.0	4.3
441919		11.45	0.91	<0.05	0.2	0.005	0.006	0.01	3.4	2.0	4.60	7490	0.41	<0.01	1.6	3.3
441920		14.35	0.83	0.05	0.2	<0.005	0.006	0.02	2.9	1.6	3.87	6080	1.42	<0.01	1.4	8.4

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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185331

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441901		1020	1.4	0.3	<0.002	0.05	0.17	2.3	1	<0.2	57.3	0.24	<0.05	1.10	0.065	<0.02
441902		1300	1.3	0.2	<0.002	0.06	0.17	2.2	1	<0.2	60.1	0.22	0.05	1.04	0.062	<0.02
441903		240	1.2	0.4	<0.002	0.05	0.05	0.6	1	<0.2	43.9	0.09	<0.05	0.38	0.029	<0.02
441904		220	1.4	0.4	<0.002	0.25	0.05	1.3	1	<0.2	32.4	0.12	0.05	0.38	0.036	<0.02
441905		210	1.5	0.3	<0.002	0.08	<0.05	0.7	1	<0.2	57.3	0.06	<0.05	0.23	0.018	<0.02
441906		610	0.9	0.4	<0.002	0.10	0.05	0.3	<1	<0.2	21.1	<0.05	<0.05	0.19	0.009	<0.02
441907		830	186.0	421	0.002	3.10	2.20	4.9	4	1.2	240	0.83	0.83	1.39	0.437	1.75
441908		270	1.8	2.1	<0.002	0.14	0.05	0.7	1	<0.2	41.4	0.08	<0.05	0.37	0.018	0.05
441909		790	1.7	2.4	<0.002	0.27	<0.05	0.9	1	<0.2	37.5	0.08	0.05	0.40	0.018	0.07
441910		150	3.1	2.2	<0.002	0.11	0.05	1.4	1	<0.2	63.8	0.14	<0.05	0.57	0.031	0.06
441911		40	1.9	1.0	<0.002	0.02	0.16	0.2	1	<0.2	123.5	<0.05	<0.05	0.15	0.006	0.06
441912		310	1.7	0.9	<0.002	1.25	0.07	0.5	1	<0.2	22.0	0.06	0.05	0.26	0.013	0.03
441913		180	2.6	0.6	<0.002	5.62	0.07	0.5	1	<0.2	46.3	<0.05	0.18	0.15	0.005	0.02
441914		210	2.6	0.4	<0.002	2.54	0.06	0.6	1	<0.2	72.1	<0.05	0.07	0.23	0.013	0.02
441915		260	2.7	1.0	<0.002	0.14	0.05	0.8	1	<0.2	101.5	0.10	<0.05	0.32	0.032	0.03
441916		910	140.5	356	0.002	2.63	1.50	5.2	4	1.1	256	0.98	0.55	1.18	0.466	1.36
441917		130	1.8	1.3	<0.002	0.11	0.05	0.3	<1	<0.2	36.5	<0.05	<0.05	0.13	0.014	0.02
441918		130	2.2	1.3	<0.002	0.72	0.06	0.4	1	<0.2	41.6	0.06	<0.05	0.16	0.018	0.03
441919		200	3.3	0.6	<0.002	0.14	0.06	0.6	1	<0.2	84.5	0.09	<0.05	0.28	0.029	<0.02
441920		160	7.1	1.7	<0.002	3.29	0.06	0.6	2	<0.2	97.4	0.08	0.23	0.24	0.028	0.04

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Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185331

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441901		0.4	29	0.8	10.6	14	26.5
441902		0.4	27	0.9	11.0	13	25.5
441903		0.1	13	0.1	3.4	6	7.5
441904		0.3	20	0.1	3.3	21	10.4
441905		0.2	13	0.1	3.8	12	6.0
441906		0.2	8	0.1	4.1	10	3.4
441907		0.8	57	0.4	6.3	320	70.0
441908		0.4	19	0.1	5.0	16	7.6
441909		0.5	19	0.1	7.5	22	8.0
441910		0.6	33	0.2	6.6	26	14.2
441911		0.2	3	0.2	1.1	15	2.9
441912		0.2	15	0.1	3.5	35	7.5
441913		0.2	10	0.1	2.3	24	3.7
441914		0.2	9	0.1	3.1	21	7.4
441915		0.2	19	0.1	4.9	16	10.3
441916		0.6	61	0.6	6.3	218	73.4
441917		0.1	8	0.1	2.4	5	4.2
441918		0.1	10	0.1	2.8	5	5.5
441919		0.1	15	0.1	4.1	9	9.1
441920		0.1	12	0.1	3.6	9	7.8

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CERTIFICAT D'ANALYSE VO17185331

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 3- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17185357

Projet: KAN

Bon de commande #: KAN- 028

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17185357

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441941		3.41	<0.001	0.01	0.15	0.8	<10	0.21	0.02	8.38	0.16	6.33	2.1	22	<0.05	2.7
441942		<0.02	<0.001	0.01	0.14	0.3	10	0.21	0.02	8.07	0.15	6.15	2.1	24	<0.05	2.6
441943		2.27	0.001	0.01	0.17	0.3	<10	0.18	0.01	10.55	0.17	6.31	2.4	14	<0.05	1.2
441944		2.67	0.020	0.01	0.23	0.3	<10	0.16	0.02	8.38	0.16	8.81	2.6	14	<0.05	4.5
441945		3.87	0.190	0.01	0.32	0.2	10	0.26	0.01	10.50	0.20	9.61	2.9	9	0.06	3.4
441946		2.39	0.327	0.11	0.22	0.5	10	0.24	0.04	5.34	0.17	8.69	7.1	13	0.06	22.9
441947		0.06	8.08	1.64	8.42	105.0	210	3.44	3.25	2.04	4.51	27.0	17.4	59	2.59	115.0
441948		2.88	0.006	0.05	0.13	0.5	10	0.22	0.03	3.71	0.06	17.50	3.3	30	<0.05	2.3
441949		3.12	0.012	0.02	0.06	0.5	10	0.22	0.02	2.97	0.06	17.30	2.6	25	<0.05	2.0
441950		3.39	0.026	0.02	0.24	0.3	10	0.26	0.03	7.02	0.10	13.40	3.5	17	<0.05	2.1
441951		0.18	<0.001	0.01	0.04	<0.2	150	<0.05	0.02	16.95	2.52	2.36	0.5	2	0.29	0.8
441952		3.75	0.001	0.01	0.32	<0.2	10	0.29	0.02	7.34	0.09	9.73	3.5	11	<0.05	2.1
441953		4.24	0.007	0.06	0.15	0.2	10	0.16	0.02	3.31	0.09	5.74	3.2	16	0.12	5.5
441954		3.37	0.020	0.20	0.11	<0.2	10	0.16	0.03	3.35	0.09	8.48	4.5	14	0.13	41.3
441955		1.60	0.003	0.64	0.17	<0.2	20	0.12	0.09	0.94	0.06	12.15	3.3	11	0.12	120.5
441956		0.06	1.210	1.14	8.72	107.0	130	4.68	2.65	2.36	2.88	24.6	18.9	64	2.69	63.5
441957		1.44	0.001	0.06	0.16	0.6	30	0.34	0.02	1.08	0.04	8.92	2.6	27	0.12	3.7
441958		3.49	<0.001	0.01	0.03	0.3	10	0.35	0.01	1.18	0.03	5.98	1.3	29	<0.05	1.1
441959		3.72	0.001	0.12	0.08	<0.2	10	0.12	0.03	1.44	0.05	6.91	1.9	31	0.06	9.8
441960		1.40	<0.001	0.02	0.06	<0.2	10	0.08	0.02	0.90	0.03	6.87	1.5	31	<0.05	1.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185357

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441941		11.55	0.57	0.10	0.1	<0.005	0.013	0.02	3.8	2.4	3.61	5350	1.46	0.01	0.4	3.3
441942		11.05	0.55	0.09	0.1	<0.005	0.012	0.02	3.8	2.2	3.39	5230	1.65	0.01	0.4	2.8
441943		13.10	0.81	<0.05	0.1	<0.005	0.009	0.01	3.8	2.8	4.53	6560	0.90	<0.01	0.5	2.8
441944		15.10	1.08	<0.05	0.1	0.006	0.016	0.01	5.8	2.8	4.13	6940	0.81	<0.01	0.4	2.9
441945		17.10	1.50	<0.05	0.1	<0.005	0.021	0.07	6.2	2.4	4.70	8000	0.66	0.01	0.6	3.0
441946		20.1	1.15	0.05	<0.1	0.010	0.013	0.05	5.5	1.4	3.53	8910	1.84	<0.01	0.5	12.8
441947		5.49	26.5	0.08	1.6	0.014	0.185	4.54	12.7	2.5	1.59	435	1.74	3.31	14.2	64.7
441948		15.50	0.76	0.06	0.1	<0.005	<0.005	0.02	12.6	1.1	2.59	7640	2.08	<0.01	0.7	3.0
441949		14.90	0.54	0.05	<0.1	<0.005	<0.005	0.02	12.7	0.7	2.25	7550	1.57	<0.01	0.3	2.4
441950		15.40	1.30	0.05	0.1	<0.005	0.005	0.03	9.9	1.8	3.80	7480	1.20	<0.01	1.2	4.1
441951		0.42	0.12	<0.05	<0.1	0.010	<0.005	0.02	1.7	17.4	13.70	471	0.16	0.02	0.1	1.0
441952		16.40	1.55	0.05	0.1	<0.005	0.006	0.04	6.4	2.1	4.06	7870	0.76	<0.01	1.3	3.8
441953		13.15	0.78	<0.05	0.1	<0.005	0.007	0.07	3.5	1.0	1.88	3440	1.57	<0.01	0.8	3.8
441954		13.00	0.70	<0.05	0.1	<0.005	0.011	0.06	5.1	1.7	1.87	2960	1.47	<0.01	0.6	15.2
441955		15.90	0.80	0.07	0.1	<0.005	0.017	0.06	7.1	0.9	0.98	2620	2.05	0.03	0.4	45.6
441956		5.44	26.8	0.10	1.8	0.010	0.098	4.26	10.9	2.8	1.78	465	1.41	3.64	15.6	71.1
441957		9.73	1.18	<0.05	0.1	<0.005	0.005	0.09	5.3	1.7	0.93	1600	2.21	<0.01	1.1	4.7
441958		11.95	0.44	<0.05	<0.1	<0.005	<0.005	0.02	3.7	1.1	1.05	2240	1.89	<0.01	0.6	2.8
441959		13.50	0.53	0.08	<0.1	<0.005	0.015	0.04	4.4	0.7	1.35	3170	1.91	<0.01	0.6	2.7
441960		13.85	0.46	0.06	0.1	<0.005	<0.005	0.03	4.4	0.6	1.21	2830	2.15	<0.01	0.9	2.1

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QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185357

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441941		190	2.1	0.7	<0.002	0.10	0.06	0.3	1	<0.2	83.1	<0.05	<0.05	0.20	0.005	0.02
441942		190	2.0	0.6	<0.002	0.09	0.05	0.3	1	<0.2	77.3	<0.05	<0.05	0.14	<0.005	0.02
441943		170	2.7	0.7	<0.002	0.03	0.06	0.4	1	<0.2	109.0	<0.05	<0.05	0.18	0.005	0.03
441944		380	2.2	0.5	<0.002	0.22	0.07	0.4	1	<0.2	88.0	<0.05	<0.05	0.17	0.005	0.03
441945		310	2.6	2.5	<0.002	0.18	0.07	0.5	1	<0.2	105.0	<0.05	<0.05	0.25	0.007	0.08
441946		240	1.9	1.7	<0.002	1.24	0.10	0.4	2	<0.2	60.9	<0.05	0.12	0.18	0.006	0.06
441947		940	184.5	480	0.003	3.29	2.05	5.2	4	1.2	254	0.86	0.84	1.48	0.462	1.90
441948		790	1.0	0.7	<0.002	0.12	0.05	0.3	1	<0.2	32.2	<0.05	<0.05	0.13	0.007	0.03
441949		810	0.7	0.7	<0.002	0.11	<0.05	0.1	1	<0.2	27.5	<0.05	<0.05	0.08	<0.005	0.02
441950		510	1.7	1.3	<0.002	0.11	0.07	0.6	1	<0.2	62.7	0.05	<0.05	0.25	0.014	0.04
441951		90	5.2	0.7	<0.002	0.01	0.20	0.1	1	<0.2	133.0	<0.05	<0.05	0.09	<0.005	0.07
441952		290	1.6	1.7	<0.002	0.12	<0.05	0.7	1	<0.2	66.2	0.06	<0.05	0.28	0.017	0.06
441953		200	1.1	3.1	<0.002	0.49	0.07	0.4	1	<0.2	46.5	<0.05	0.05	0.13	0.005	0.10
441954		230	2.2	3.7	<0.002	3.13	0.11	0.4	1	<0.2	52.7	<0.05	0.09	0.12	0.005	0.12
441955		230	5.3	2.7	<0.002	6.93	0.32	0.3	1	<0.2	27.2	<0.05	0.34	0.26	0.006	0.07
441956		1040	158.0	388	0.003	2.86	1.73	5.6	4	1.2	277	1.12	0.49	1.24	0.512	1.47
441957		190	0.9	5.0	<0.002	0.45	0.07	0.4	1	0.2	11.8	<0.05	<0.05	0.12	0.006	0.16
441958		150	<0.5	0.8	<0.002	0.08	0.05	0.1	<1	<0.2	8.9	<0.05	<0.05	0.05	<0.005	0.03
441959		200	0.9	2.0	<0.002	0.83	0.06	0.2	1	<0.2	28.4	<0.05	<0.05	0.09	<0.005	0.08
441960		210	<0.5	1.2	<0.002	0.15	0.05	0.1	1	<0.2	12.9	<0.05	<0.05	0.09	<0.005	0.04

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185357

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441941		0.2	12	0.1	5.0	26	4.5
441942		0.2	11	0.1	4.8	25	4.2
441943		0.2	15	0.1	5.9	29	4.4
441944		0.2	18	0.1	5.9	38	4.0
441945		0.3	25	0.2	6.3	41	5.1
441946		0.1	16	0.3	4.4	42	2.9
441947		1.0	60	0.5	6.3	358	71.1
441948		0.2	12	0.1	6.1	18	2.8
441949		0.1	9	0.1	6.7	14	1.5
441950		0.3	21	0.3	6.0	25	5.7
441951		0.2	1	0.1	1.1	155	1.2
441952		0.3	26	0.1	5.4	27	6.3
441953		0.3	14	0.3	3.7	18	4.0
441954		0.3	13	0.3	4.2	20	4.4
441955		0.7	12	0.2	3.6	22	5.9
441956		0.7	66	0.7	6.5	227	79.5
441957		0.6	25	0.1	3.7	16	6.0
441958		0.2	7	0.1	3.3	13	2.2
441959		0.1	10	0.1	3.3	23	3.5
441960		0.2	8	0.1	3.3	17	4.1

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CERTIFICAT D'ANALYSE VO17185357

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17185359

Projet: KAN

Bon de commande #: KAN- 031

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185359

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442001		3.15	<0.001	0.03	0.10	0.3	10	0.55	0.02	9.27	0.06	5.57	2.4	24	0.05	1.3
442002		<0.02	<0.001	0.02	0.10	0.3	10	0.43	0.02	9.01	0.05	4.87	2.3	14	<0.05	1.1
442003		3.72	0.001	0.04	0.13	0.2	10	0.21	0.02	8.22	0.06	4.89	3.1	9	<0.05	1.8
442004		4.89	0.002	0.05	0.08	0.7	10	0.39	0.02	6.75	0.03	4.49	2.4	14	<0.05	1.5
442005		2.15	0.007	0.25	0.11	0.5	10	0.27	0.07	6.15	0.07	4.86	3.9	11	0.07	35.6
442006		3.18	0.001	0.06	0.23	0.5	10	0.54	0.02	10.25	0.06	7.60	4.2	5	0.06	3.7
442007		0.06	8.48	1.54	7.69	98.5	200	3.87	3.29	1.93	4.23	26.2	18.1	58	2.40	120.0
442008		1.87	0.005	0.07	0.10	1.2	10	0.29	0.03	10.45	0.17	7.55	7.6	7	0.10	4.3
442009		1.54	0.002	0.04	0.09	1.4	10	0.33	0.01	11.95	0.05	7.08	3.2	5	0.10	2.5
442010		2.61	0.065	0.13	0.20	0.7	<10	0.20	0.02	8.40	0.31	8.72	3.1	8	0.05	22.0
442011		0.21	0.003	0.01	0.02	0.4	40	<0.05	0.02	19.55	0.05	0.70	0.7	2	0.34	1.2
442012		4.97	0.044	1.68	4.53	68.7	110	1.67	0.46	0.10	5.00	58.2	72.7	78	1.51	228
442013		2.66	<0.001	0.12	0.14	1.3	10	0.19	0.02	1.10	0.13	7.89	2.9	23	0.10	34.3
442014		3.85	<0.001	0.07	0.14	0.2	<10	0.61	0.02	0.80	0.09	8.10	2.6	17	0.13	15.4
442015		3.76	<0.001	0.02	0.23	0.3	<10	0.45	0.03	4.18	0.06	10.00	3.8	16	<0.05	2.9
442016		0.06	1.305	1.10	8.00	106.0	120	4.91	2.77	2.24	2.63	24.5	19.9	63	2.59	59.6
442017		4.26	<0.001	0.03	0.26	0.6	<10	0.65	0.02	1.93	0.06	8.78	4.6	15	<0.05	1.7
442018		4.51	<0.001	0.04	0.32	0.8	<10	0.96	0.03	1.98	0.08	9.42	6.2	15	<0.05	2.6
442019		3.63	<0.001	0.04	0.22	0.6	<10	0.69	0.02	0.77	0.04	10.90	4.2	13	<0.05	2.4
442020		3.82	<0.001	0.03	0.29	3.3	<10	1.02	0.02	2.33	0.04	13.65	5.1	16	<0.05	2.6

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CERTIFICAT D'ANALYSE VO17185359

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
442001		13.70	0.58	0.08	<0.1	0.007	<0.005	0.02	3.4	2.2	3.79	3800	1.29	<0.01	0.4	2.4
442002		13.65	0.57	0.07	0.1	0.007	<0.005	0.01	2.9	2.1	3.70	3770	0.84	<0.01	0.4	2.4
442003		13.85	0.79	0.07	0.1	0.008	<0.005	0.01	3.0	2.4	3.57	3640	0.77	<0.01	0.5	3.3
442004		12.20	0.48	0.06	<0.1	0.006	<0.005	0.01	2.7	1.6	3.04	3390	0.83	<0.01	0.4	2.2
442005		18.80	0.61	0.09	<0.1	0.010	<0.005	0.02	2.7	1.7	2.53	3200	5.08	<0.01	0.3	7.8
442006		18.95	1.23	0.07	0.1	0.009	0.005	0.02	4.6	2.9	4.67	4250	0.68	<0.01	1.0	4.7
442007		5.25	24.5	0.11	1.4	0.017	0.157	4.35	13.2	2.5	1.53	420	1.31	3.21	14.6	63.2
442008		14.90	0.62	0.07	0.1	0.011	<0.005	0.03	4.8	2.1	3.76	3540	0.68	0.01	0.5	1.9
442009		17.45	0.54	0.06	0.1	0.009	<0.005	0.01	4.5	1.8	4.45	4150	0.28	0.01	0.5	1.9
442010		19.60	0.97	0.08	0.1	0.011	0.023	0.01	5.8	2.3	4.11	7350	1.67	<0.01	0.5	5.5
442011		0.24	0.14	0.08	<0.1	0.010	<0.005	0.02	<0.5	10.3	13.30	338	0.07	0.01	0.1	0.9
442012		27.4	14.75	0.18	2.9	0.172	0.237	2.27	31.3	17.0	0.37	74	14.05	0.06	6.0	137.5
442013		14.05	0.94	0.07	0.1	0.009	0.010	0.04	4.6	1.5	2.19	4620	2.26	<0.01	1.2	11.6
442014		15.45	1.09	0.05	0.1	0.005	0.008	0.02	5.0	1.7	2.04	4200	1.53	<0.01	1.2	7.0
442015		21.7	1.25	0.10	0.1	0.005	0.006	0.01	6.2	3.2	3.50	5110	1.34	<0.01	1.3	3.8
442016		5.13	25.6	0.10	1.6	0.009	0.095	4.11	10.5	2.7	1.68	448	1.28	3.50	16.2	68.8
442017		23.1	1.31	0.09	0.2	0.007	0.005	0.02	5.4	3.6	3.59	5730	1.09	0.01	1.5	4.1
442018		24.3	1.49	0.09	0.2	0.005	0.007	<0.01	5.9	4.1	3.26	7930	1.27	<0.01	1.7	4.7
442019		23.9	1.12	0.08	0.2	0.005	0.005	<0.01	6.9	3.2	2.38	8280	1.34	<0.01	1.4	3.1
442020		21.9	1.45	0.08	0.1	<0.005	0.005	0.02	8.1	3.8	3.02	7640	1.19	<0.01	1.1	4.0

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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185359

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
442001		120	1.7	0.8	<0.002	0.06	0.12	0.3	1	<0.2	74.2	<0.05	<0.05	0.13	<0.005	0.03
442002		110	1.5	0.7	<0.002	0.05	0.07	0.2	1	<0.2	73.1	<0.05	<0.05	0.11	<0.005	0.03
442003		130	1.4	0.7	<0.002	0.15	0.08	0.3	1	<0.2	53.3	<0.05	<0.05	0.13	0.005	0.03
442004		110	1.1	0.6	<0.002	0.09	0.06	0.2	1	<0.2	43.8	<0.05	0.05	0.10	<0.005	0.02
442005		160	2.9	0.9	<0.002	4.00	0.09	0.4	2	<0.2	54.6	<0.05	0.25	0.09	<0.005	0.03
442006		230	2.3	0.8	<0.002	0.45	0.09	0.5	1	<0.2	65.4	0.06	<0.05	0.24	0.010	0.02
442007		860	173.5	430	<0.002	3.08	1.90	4.7	3	1.2	239	0.84	0.86	1.28	0.442	1.71
442008		330	2.4	1.6	<0.002	0.59	0.18	0.3	1	<0.2	53.3	<0.05	0.08	0.12	0.005	0.04
442009		440	2.2	0.7	<0.002	0.33	0.18	0.3	1	<0.2	51.5	<0.05	0.05	0.10	<0.005	0.02
442010		630	3.4	0.3	<0.002	1.61	0.08	0.7	1	<0.2	116.0	<0.05	0.09	0.23	0.007	<0.02
442011		20	1.4	0.8	<0.002	0.02	0.12	0.1	1	<0.2	153.5	<0.05	<0.05	0.06	<0.005	0.05
442012		310	75.9	59.7	0.017	>10.0	4.14	10.6	11	5.0	7.2	0.30	1.91	4.09	0.131	2.51
442013		180	4.8	1.8	<0.002	1.69	0.30	0.3	1	0.2	14.6	0.05	0.11	0.17	0.007	0.12
442014		230	2.2	1.2	0.002	0.81	0.15	0.3	1	<0.2	6.4	0.06	0.06	0.16	0.008	0.13
442015		260	1.2	0.1	<0.002	0.24	0.10	0.6	1	<0.2	26.8	0.08	<0.05	0.22	0.013	<0.02
442016		950	152.0	358	0.002	2.67	1.59	5.2	4	1.2	259	1.05	0.47	1.31	0.482	1.48
442017		260	0.7	0.6	<0.002	0.13	0.13	0.6	1	<0.2	14.2	0.10	<0.05	0.29	0.013	0.02
442018		320	0.8	0.1	<0.002	0.24	0.16	0.7	1	<0.2	11.1	0.11	0.08	0.32	0.015	<0.02
442019		420	0.5	0.1	<0.002	0.20	0.12	0.6	<1	<0.2	4.2	0.08	<0.05	0.28	0.012	<0.02
442020		350	0.8	0.5	<0.002	0.24	0.13	0.7	1	<0.2	10.9	0.06	<0.05	0.32	0.012	0.03

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Finalisée date: 30- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185359

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442001		0.4	11	0.1	5.5	14	1.8
442002		0.3	10	0.1	5.4	12	1.8
442003		0.2	12	0.1	5.3	9	2.4
442004		0.2	8	0.1	4.8	6	2.8
442005		0.3	11	0.1	5.6	9	2.5
442006		0.4	20	0.1	7.4	11	4.7
442007		0.9	56	4.7	5.9	334	70.8
442008		0.3	12	0.1	7.6	20	2.5
442009		0.4	11	0.1	7.7	12	2.6
442010		0.4	15	0.1	5.4	50	5.4
442011		0.2	1	0.1	0.4	9	0.7
442012		7.0	110	1.3	7.9	1500	125.0
442013		0.6	15	0.1	3.1	46	5.5
442014		0.3	15	0.1	3.1	33	5.2
442015		0.3	21	0.2	5.5	14	7.1
442016		0.6	62	0.6	6.1	227	79.1
442017		0.2	21	0.1	4.7	13	8.8
442018		0.3	23	0.2	5.5	12	9.5
442019		0.3	20	0.2	4.8	12	7.7
442020		0.4	26	0.1	5.0	17	7.3

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CERTIFICAT D'ANALYSE VO17185359

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalisée date: 3- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17185380

Projet: KAN

Bon de commande #: KAN- 030

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Projet: KAN

CERTIFICAT D'ANALYSE VO17185380

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441981		3.06	0.017	0.01	0.21	0.8	10	0.43	0.01	9.63	0.06	7.36	3.8	13	0.06	1.9
441982		<0.02	0.081	0.02	0.20	0.9	10	0.39	0.01	9.78	0.07	7.78	3.5	10	0.06	1.6
441983		3.37	0.519	0.06	0.27	<0.2	10	0.28	0.03	6.47	0.10	9.19	3.9	12	<0.05	5.8
441984		3.54	0.020	0.09	0.37	<0.2	<10	0.21	0.07	9.54	0.30	8.88	4.9	13	<0.05	16.7
441985		3.90	0.021	0.04	0.07	1.9	<10	0.16	0.02	12.40	0.20	4.90	2.8	8	0.06	9.2
441986		2.67	0.025	0.14	0.04	1.7	<10	0.18	0.01	13.25	0.25	6.81	3.1	3	0.07	52.7
441987		0.06	7.98	1.63	8.49	103.5	210	4.10	3.34	2.04	4.23	27.2	17.5	58	2.58	115.5
441988		3.16	0.244	0.03	0.09	0.3	<10	0.13	0.02	6.45	0.14	6.84	2.9	17	<0.05	9.1
441989		0.38	0.006	0.01	0.03	<0.2	10	0.25	0.01	1.24	0.02	11.90	1.7	7	<0.05	1.0
441990		1.91	0.113	0.01	0.08	<0.2	10	0.27	0.01	4.18	0.06	8.57	2.1	11	<0.05	1.5
441991		0.18	0.002	<0.01	0.03	0.8	60	<0.05	0.02	20.0	0.03	0.95	0.8	2	0.34	0.7
441992		2.65	1.045	0.01	0.07	<0.2	10	0.40	0.01	3.24	0.05	9.07	2.3	10	<0.05	2.3
441993		3.09	0.040	<0.01	0.03	0.2	<10	0.15	0.01	0.89	<0.02	4.53	1.4	31	<0.05	1.3
441994		3.25	0.001	0.02	0.15	0.6	10	0.34	0.02	9.07	0.03	7.76	3.0	12	0.06	1.5
441995		3.20	0.054	<0.01	0.11	<0.2	10	1.22	0.01	10.50	0.05	8.01	3.2	9	<0.05	2.3
441996		0.06	1.225	1.07	7.94	107.0	120	5.50	2.80	2.24	2.67	25.6	19.0	63	2.60	63.6
441997		1.91	<0.001	0.01	0.07	<0.2	10	0.23	0.01	5.54	0.02	6.21	2.3	16	<0.05	1.7
441998		2.61	<0.001	0.01	0.03	2.3	10	0.10	0.01	2.39	0.02	3.96	2.2	15	<0.05	1.1
441999		2.51	<0.001	0.01	0.04	1.6	10	0.10	0.01	3.36	0.02	3.14	1.4	15	0.06	1.5
442000		2.95	<0.001	0.01	0.03	<0.2	<10	0.17	0.01	8.92	0.03	6.89	1.2	15	<0.05	1.1

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185380

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441981		17.55	1.17	<0.05	0.1	<0.005	<0.005	0.02	5.3	2.6	4.47	6320	1.65	<0.01	0.6	3.0
441982		17.45	1.14	0.06	0.1	0.006	<0.005	0.02	5.7	2.5	4.47	6200	1.46	<0.01	0.6	2.7
441983		19.15	1.38	0.07	0.1	0.113	0.006	0.03	5.8	2.6	3.59	7380	1.80	<0.01	0.8	3.4
441984		17.80	1.81	0.06	0.2	<0.005	0.017	0.01	5.8	4.2	4.75	7270	1.62	<0.01	0.9	3.2
441985		12.30	0.48	<0.05	<0.1	0.010	0.016	<0.01	3.3	1.7	5.15	5620	0.68	<0.01	0.2	1.2
441986		16.45	0.42	<0.05	<0.1	0.012	0.014	<0.01	4.9	1.5	4.86	6480	0.32	0.01	0.1	4.6
441987		5.53	26.1	0.10	1.7	0.015	0.165	4.50	12.8	2.9	1.60	433	1.52	3.30	13.9	64.7
441988		13.80	0.68	0.05	0.1	<0.005	0.006	0.01	4.7	1.6	3.07	5530	1.14	<0.01	0.4	2.2
441989		14.25	0.57	0.05	<0.1	<0.005	<0.005	0.01	9.8	0.7	1.48	4050	0.73	<0.01	0.4	1.3
441990		17.60	0.72	0.09	<0.1	<0.005	<0.005	0.01	5.4	1.4	3.02	4320	0.88	<0.01	0.3	1.5
441991		0.21	0.19	<0.05	<0.1	<0.005	<0.005	0.02	0.5	14.5	13.70	344	0.13	0.02	0.1	0.9
441992		19.60	0.57	0.05	<0.1	<0.005	<0.005	0.01	5.7	1.3	2.76	4700	0.66	<0.01	0.2	1.6
441993		11.90	0.54	0.06	<0.1	<0.005	<0.005	0.01	3.0	0.8	1.29	2740	1.71	<0.01	0.5	1.4
441994		14.30	1.11	0.06	0.1	0.007	<0.005	0.01	4.6	2.3	3.13	3460	1.18	<0.01	1.3	3.2
441995		17.55	0.83	0.09	0.1	<0.005	<0.005	0.01	4.8	2.0	4.21	4250	0.66	<0.01	0.9	2.9
441996		5.11	25.0	0.13	1.8	0.009	0.102	4.13	12.2	3.2	1.68	441	1.50	3.55	14.3	70.3
441997		14.40	0.69	0.08	0.1	0.009	<0.005	0.01	3.7	1.6	2.59	3460	1.00	0.01	0.7	1.9
441998		11.70	0.46	0.07	<0.1	0.008	<0.005	0.01	2.5	1.0	1.45	2510	1.11	<0.01	0.4	1.4
441999		9.33	0.29	<0.05	<0.1	0.005	<0.005	0.02	1.9	0.8	1.71	2230	1.09	<0.01	0.4	1.8
442000		12.85	0.23	<0.05	<0.1	<0.005	<0.005	0.01	4.2	0.9	3.91	3690	0.98	<0.01	0.3	1.3

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CERTIFICAT D'ANALYSE VO17185380

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441981		470	2.0	1.4	<0.002	0.12	0.05	0.5	1	<0.2	59.2	<0.05	<0.05	0.17	0.006	0.05
441982		500	2.1	1.1	<0.002	0.10	0.06	0.5	1	<0.2	59.9	<0.05	<0.05	0.17	0.006	0.03
441983		470	2.2	1.4	<0.002	0.53	0.06	0.6	1	<0.2	64.3	0.05	0.05	0.25	0.011	0.04
441984		520	3.8	0.3	<0.002	0.89	0.07	0.8	1	<0.2	149.0	0.06	0.06	0.27	0.012	<0.02
441985		190	3.9	0.2	<0.002	0.52	0.07	0.3	1	<0.2	130.5	<0.05	0.06	0.05	<0.005	<0.02
441986		230	4.0	0.2	<0.002	2.19	0.08	0.2	2	<0.2	147.5	<0.05	0.11	0.07	<0.005	<0.02
441987		920	182.0	500	0.004	3.26	2.11	5.2	4	1.3	254	0.88	0.88	1.47	0.458	1.80
441988		310	2.2	0.4	<0.002	0.37	0.06	0.3	1	<0.2	72.3	<0.05	<0.05	0.11	<0.005	<0.02
441989		770	<0.5	0.3	<0.002	0.09	0.05	0.1	1	<0.2	10.5	<0.05	<0.05	0.05	<0.005	0.02
441990		330	1.1	0.4	<0.002	0.10	0.05	0.2	1	<0.2	38.2	<0.05	<0.05	0.07	<0.005	<0.02
441991		30	1.2	0.7	<0.002	<0.01	0.11	0.1	1	<0.2	114.0	<0.05	<0.05	0.13	<0.005	0.07
441992		400	0.8	0.3	<0.002	0.17	<0.05	0.2	1	<0.2	26.2	<0.05	<0.05	0.07	<0.005	<0.02
441993		250	<0.5	0.3	<0.002	0.09	<0.05	0.1	1	<0.2	6.1	<0.05	<0.05	0.05	<0.005	<0.02
441994		190	1.8	0.8	<0.002	0.09	0.06	0.4	1	<0.2	62.4	0.06	<0.05	0.19	0.007	0.03
441995		190	1.7	0.6	<0.002	0.12	0.06	0.3	<1	<0.2	92.1	0.05	<0.05	0.18	0.005	0.02
441996		960	147.0	362	0.002	2.75	1.61	5.3	5	1.2	257	1.05	0.53	1.40	0.493	1.50
441997		180	1.2	0.8	<0.002	0.05	0.07	0.2	1	<0.2	46.7	<0.05	<0.05	0.12	<0.005	0.03
441998		140	0.5	0.5	<0.002	0.05	0.06	0.1	<1	<0.2	19.2	<0.05	0.05	0.06	<0.005	0.02
441999		140	1.0	0.8	<0.002	0.04	0.09	0.1	<1	<0.2	23.1	<0.05	<0.05	0.06	<0.005	0.03
442000		260	1.5	0.4	<0.002	0.04	0.10	0.1	1	<0.2	78.6	<0.05	<0.05	0.06	<0.005	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185380

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441981		0.4	18	0.1	7.0	13	4.5
441982		0.4	17	0.1	6.6	13	4.3
441983		0.3	24	0.1	5.6	23	5.4
441984		0.3	31	0.2	6.7	48	7.6
441985		0.1	8	0.1	6.0	28	1.9
441986		0.1	6	0.1	5.6	29	1.4
441987		0.9	60	0.5	6.4	329	72.1
441988		0.2	9	0.1	4.6	25	3.6
441989		0.1	5	0.1	5.9	6	3.3
441990		0.1	8	0.1	5.3	9	1.2
441991		0.2	1	0.1	0.7	7	1.3
441992		0.1	8	0.1	5.6	8	2.1
441993		0.1	4	0.1	3.0	5	1.5
441994		0.4	14	0.2	7.9	5	5.6
441995		0.3	11	0.2	7.4	8	3.6
441996		0.7	61	0.6	7.0	230	75.1
441997		0.2	8	0.1	5.7	6	3.1
441998		0.2	5	0.1	3.2	5	2.3
441999		0.1	4	0.1	3.1	7	1.9
442000		0.1	4	0.1	5.8	13	1.7

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CERTIFICAT D'ANALYSE VO17185380

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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Finalisée date: 28- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17185381

Projet: KAN

Bon de commande #: KAN- 027

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185381

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
441921		3.41	0.016	0.83	0.16	0.2	10	0.22	0.22	7.26	0.11	5.20	17.2	5	0.18	43.1
441922		<0.02	0.013	0.86	0.15	0.6	10	0.19	0.21	7.49	0.11	5.31	17.5	5	0.18	47.3
441923		4.13	0.006	0.32	0.22	0.3	10	0.29	0.14	11.05	0.17	6.17	6.0	7	0.14	14.0
441924		0.91	0.011	0.59	0.19	<0.2	10	0.33	0.14	10.55	0.14	6.50	2.2	4	0.09	36.4
441925		3.57	<0.001	0.01	0.10	0.5	<10	0.25	0.03	8.36	0.11	5.10	2.8	6	<0.05	1.5
441926		4.26	0.001	0.02	0.11	0.7	<10	0.19	0.02	10.50	0.25	5.33	2.4	8	<0.05	3.1
441927		0.06	8.13	1.75	8.34	116.0	200	3.81	3.68	2.02	4.34	27.9	16.6	59	2.53	121.5
441928		2.78	0.021	0.02	0.17	0.8	<10	0.15	0.04	10.20	0.12	4.81	2.2	8	<0.05	3.7
441929		4.47	0.123	0.06	0.18	1.0	<10	0.15	0.04	10.75	0.20	5.06	3.5	12	<0.05	10.1
441930		4.11	0.028	0.02	0.10	0.5	<10	0.14	0.03	8.39	0.19	6.47	2.4	5	<0.05	4.7
441931		0.18	0.002	0.01	0.04	1.0	90	<0.05	0.04	18.50	0.06	1.15	0.4	2	0.28	1.0
441932		4.26	<0.001	0.01	0.03	0.6	<10	0.15	0.02	8.53	0.15	5.71	1.6	19	<0.05	0.6
441933		2.80	0.002	0.02	0.11	0.6	<10	0.20	0.03	10.75	0.23	3.75	2.9	6	<0.05	5.5
441934		5.10	0.001	0.03	0.16	0.4	10	0.22	0.05	6.93	0.13	6.80	2.6	9	<0.05	4.8
441935		3.70	0.001	0.05	0.29	0.4	<10	0.15	0.04	4.39	0.12	9.71	2.1	9	<0.05	7.4
441936		0.10	1.245	1.08	8.34	121.5	120	4.38	2.70	2.30	2.94	25.2	17.5	64	2.64	60.7
441937		2.75	0.007	0.06	0.05	0.6	<10	0.12	0.05	0.34	0.14	6.29	1.7	13	<0.05	8.1
441938		1.46	0.002	0.04	0.29	0.5	10	0.31	0.07	2.54	0.08	11.80	3.3	11	<0.05	4.4
441939		2.81	0.001	0.03	0.31	0.8	10	0.28	0.05	10.70	0.14	9.06	2.8	10	<0.05	3.9
441940		3.02	0.020	0.08	0.15	0.5	<10	0.14	0.02	6.91	0.13	6.75	1.8	10	<0.05	4.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185381

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
441921		15.90	0.66	0.07	0.1	0.008	0.010	0.03	2.7	1.4	3.28	5500	3.34	<0.01	1.0	13.7
441922		16.35	0.62	0.05	0.1	0.008	0.011	0.02	2.8	1.5	3.38	5670	3.45	<0.01	1.0	10.1
441923		12.60	0.89	<0.05	0.2	0.006	0.009	0.02	3.3	2.1	4.95	7010	1.10	<0.01	1.3	4.4
441924		18.80	0.80	<0.05	0.2	<0.005	0.009	0.02	3.4	1.5	4.35	7180	1.15	<0.01	1.6	9.6
441925		14.50	0.48	0.06	0.1	<0.005	0.006	0.01	3.5	1.7	4.19	5690	0.25	<0.01	0.6	1.4
441926		13.00	0.50	0.05	0.1	<0.005	0.018	0.01	3.6	1.9	4.16	5770	0.51	<0.01	0.4	1.0
441927		5.55	26.3	0.11	1.6	0.007	0.181	4.62	13.8	2.1	1.60	434	1.41	3.39	14.0	63.7
441928		10.85	0.80	<0.05	0.1	<0.005	0.008	<0.01	3.1	2.7	4.28	4710	1.11	<0.01	0.6	3.1
441929		11.95	0.82	0.05	0.1	<0.005	0.013	0.01	3.3	3.4	4.50	5240	0.89	<0.01	0.4	2.7
441930		12.40	0.47	<0.05	<0.1	<0.005	0.017	<0.01	4.7	1.6	4.00	4760	0.30	<0.01	0.2	1.0
441931		0.33	0.18	0.14	<0.1	<0.005	<0.005	0.03	0.8	7.2	12.50	375	0.06	0.01	0.1	0.2
441932		9.40	0.19	0.05	<0.1	<0.005	0.010	0.01	4.1	<0.2	3.91	3530	0.11	<0.01	0.2	0.9
441933		12.35	0.53	0.05	<0.1	<0.005	0.011	0.02	2.2	1.9	4.46	5270	0.63	<0.01	0.4	1.8
441934		16.50	0.74	0.05	0.1	<0.005	0.019	0.02	4.5	0.4	3.50	6800	1.07	<0.01	0.6	2.0
441935		15.25	1.24	0.07	0.1	0.005	0.047	0.01	6.3	1.4	2.16	7890	1.10	<0.01	0.5	1.7
441936		5.28	26.9	0.11	1.8	0.008	0.110	4.20	11.5	1.4	1.72	470	1.38	3.60	15.5	69.2
441937		13.55	0.37	0.05	<0.1	0.007	0.016	0.01	3.9	<0.2	1.13	4610	0.23	<0.01	0.3	1.1
441938		19.10	1.43	0.06	0.3	0.005	0.018	0.04	7.2	0.5	2.22	7210	1.31	<0.01	2.1	4.4
441939		16.65	1.49	0.05	0.2	0.008	0.012	0.02	5.5	2.9	4.95	6040	0.70	<0.01	1.3	3.7
441940		9.90	0.65	<0.05	0.1	0.005	0.013	0.02	4.2	2.9	3.00	4630	0.67	<0.01	0.4	4.1

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Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185381

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
441921		160	7.2	1.8	<0.002	5.58	0.09	0.4	1	<0.2	120.0	0.06	0.51	0.22	0.022	0.04
441922		150	7.7	1.7	<0.002	5.73	0.11	0.4	2	<0.2	123.0	0.06	0.52	0.21	0.020	0.05
441923		140	7.5	1.2	<0.002	1.69	0.07	0.5	<1	<0.2	169.5	0.09	0.22	0.25	0.027	0.03
441924		160	6.2	1.2	<0.002	4.30	0.07	0.5	1	<0.2	115.5	0.09	0.29	0.28	0.030	0.03
441925		150	1.6	0.4	<0.002	0.08	<0.05	0.2	<1	<0.2	75.0	<0.05	<0.05	0.10	<0.005	<0.02
441926		110	2.3	0.3	<0.002	0.16	0.06	0.3	<1	<0.2	124.0	<0.05	<0.05	0.13	<0.005	<0.02
441927		890	184.0	490	0.003	3.28	2.09	4.6	3	1.3	251	1.00	0.93	1.53	0.454	1.88
441928		190	2.1	0.3	<0.002	0.22	0.05	0.4	<1	<0.2	107.5	<0.05	0.05	0.14	0.005	<0.02
441929		150	2.4	0.4	<0.002	0.53	0.06	0.5	<1	<0.2	131.0	<0.05	0.06	0.15	0.005	<0.02
441930		270	2.0	0.2	<0.002	0.22	0.05	0.3	<1	<0.2	102.5	<0.05	<0.05	0.09	<0.005	<0.02
441931		30	3.2	0.9	<0.002	0.01	0.19	0.1	<1	<0.2	150.0	<0.05	<0.05	0.11	<0.005	0.05
441932		130	2.0	0.3	<0.002	<0.01	<0.05	0.1	<1	<0.2	91.9	<0.05	<0.05	0.05	<0.005	<0.02
441933		120	2.9	0.7	<0.002	0.15	0.07	0.4	<1	<0.2	136.5	<0.05	<0.05	0.10	<0.005	0.02
441934		330	2.3	0.8	<0.002	0.23	0.06	0.5	<1	<0.2	68.0	<0.05	<0.05	0.16	0.005	0.02
441935		380	1.8	0.4	<0.002	0.09	0.07	0.6	<1	<0.2	51.9	<0.05	0.05	0.26	0.006	<0.02
441936		970	151.5	385	0.002	2.77	1.69	5.0	4	1.3	270	1.21	0.53	1.41	0.492	1.54
441937		220	1.2	0.3	<0.002	0.64	0.07	0.1	<1	<0.2	2.6	<0.05	0.05	0.08	<0.005	<0.02
441938		480	1.5	1.5	<0.002	0.26	0.06	0.5	<1	<0.2	21.2	0.13	0.05	0.41	0.009	0.04
441939		170	2.8	0.9	<0.002	0.21	0.07	0.7	<1	<0.2	92.0	0.07	<0.05	0.30	0.008	0.04
441940		220	2.7	0.8	<0.002	0.20	0.05	0.3	1	<0.2	62.9	<0.05	0.06	0.21	0.005	0.03

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185381

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
441921		0.1	10	0.1	3.0	8	5.9
441922		0.2	11	0.1	3.1	8	6.1
441923		0.1	15	0.1	4.0	11	8.0
441924		0.2	14	0.1	4.2	10	8.8
441925		0.1	10	0.1	4.6	19	3.1
441926		0.1	10	0.1	4.5	30	3.4
441927		1.0	58	0.6	6.2	351	74.4
441928		0.2	14	0.1	4.3	21	4.4
441929		0.3	14	0.1	4.6	29	4.4
441930		0.2	8	<0.1	4.7	31	1.9
441931		0.2	2	0.2	0.6	16	1.0
441932		0.1	4	<0.1	4.5	20	1.6
441933		0.3	10	0.1	4.8	27	2.9
441934		1.1	15	0.1	5.0	32	3.9
441935		1.0	21	0.1	4.7	53	5.5
441936		0.7	63	0.7	6.3	248	81.7
441937		0.2	6	0.1	2.7	44	3.3
441938		0.6	21	0.1	5.3	38	12.8
441939		0.4	23	0.2	6.5	38	8.7
441940		0.3	13	0.1	3.9	27	4.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17185381

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:				
CRU- 31	CRU- QC	LOG- 21	LOG- 21d	
LOG- 23	PUL- 31	PUL- 31d	PUL- QC	
SPL- 21	SPL- 21d	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:		
Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
This copy reported on
5- OCT- 2017
Account: MINVIR

CERTIFICATE VO17192483

Project: KAN

P.O. No.: KAN- 033

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 8- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

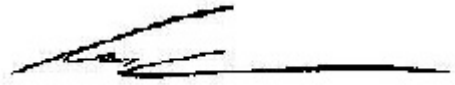
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: LEE SCHOLL
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17192483

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
442041		4.21	<0.001	<0.01	0.12	0.9	10	0.11	0.01	5.01	0.11	4.52	2.0	8	0.09	1.5
442042		<0.02	<0.001	0.01	0.09	0.8	10	0.18	0.01	4.83	0.12	4.83	1.9	7	0.09	1.1
442043		0.93	0.001	0.32	0.05	0.6	<10	0.19	0.04	0.06	<0.02	0.14	10.4	11	0.05	33.5
442044		1.97	0.018	0.56	5.42	1.2	860	3.45	0.21	0.06	1.83	69.0	3.4	72	2.57	34.9
442045		2.23	0.002	0.12	0.17	1.7	20	0.11	0.02	3.36	0.07	7.37	6.3	13	0.08	21.6
442046		3.47	<0.001	0.07	0.30	1.4	20	0.18	0.02	3.20	0.04	6.48	2.9	15	0.16	13.2
442047		0.12	8.19	1.66	8.28	104.5	200	3.48	3.51	2.01	4.39	25.1	16.6	56	2.42	114.0
442048		3.57	0.001	0.04	0.19	0.7	10	0.15	0.01	1.79	0.09	7.92	2.1	23	0.08	6.7
442049		2.83	<0.001	0.12	0.54	<0.2	30	0.30	0.01	3.49	0.21	9.15	8.0	9	0.38	34.7
442050		3.16	0.003	0.20	0.24	0.3	10	0.14	0.10	3.81	0.21	8.84	8.7	8	0.12	35.8
442051		2.92	0.052	0.15	0.18	0.2	10	0.16	0.11	6.64	0.27	12.80	6.3	7	0.07	28.2
442052		3.17	0.003	0.02	0.14	0.2	10	0.17	0.02	7.00	0.11	11.20	3.4	6	<0.05	5.9
442053		3.82	0.246	0.02	0.15	0.4	10	0.17	0.02	8.40	0.22	7.68	4.0	5	0.05	11.5
442054		1.62	0.030	0.02	0.10	1.0	10	0.12	0.02	8.12	0.19	7.67	3.5	5	<0.05	10.4
442055		3.57	0.002	<0.01	0.07	0.6	<10	0.15	0.02	7.12	0.08	8.32	1.9	3	<0.05	2.3
442056		0.10	1.250	1.10	8.53	107.5	120	4.26	2.95	2.37	2.77	24.8	17.4	64	2.62	60.0
442057		3.55	0.005	0.01	0.08	0.7	<10	0.16	0.02	8.31	0.19	9.08	2.4	3	<0.05	5.9
442058		3.98	<0.001	0.01	0.06	0.3	10	0.26	0.01	10.80	0.17	9.41	1.7	5	<0.05	1.9
442059		3.22	<0.001	0.01	0.05	<0.2	<10	0.16	0.01	11.45	0.21	9.24	1.4	4	<0.05	1.1
442060		2.61	<0.001	0.01	0.09	<0.2	<10	0.22	0.01	9.31	0.05	6.13	2.3	7	<0.05	1.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17192483

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
442041		15.60	0.48	0.05	<0.1	<0.005	<0.005	0.03	2.9	1.1	3.45	5380	0.14	0.01	0.3	2.4
442042		15.20	0.42	0.05	<0.1	<0.005	<0.005	0.03	3.1	0.9	3.34	5250	0.15	0.01	0.3	1.7
442043		8.10	0.18	<0.05	<0.1	<0.005	<0.005	0.02	<0.5	0.4	0.08	340	0.14	0.01	0.1	19.5
442044		6.44	16.55	0.11	5.3	0.078	0.093	2.90	36.9	46.6	0.49	109	9.19	0.07	9.7	9.7
442045		3.29	1.12	<0.05	0.1	<0.005	0.008	0.09	4.1	1.7	1.40	995	1.05	<0.01	0.9	7.6
442046		4.53	1.89	<0.05	0.1	0.007	0.008	0.14	3.7	3.2	1.54	1160	1.06	<0.01	0.7	4.6
442047		5.50	25.4	0.12	1.7	0.012	0.163	4.59	13.0	2.0	1.60	424	1.47	3.35	13.2	62.7
442048		9.04	1.21	<0.05	<0.1	0.007	0.006	0.08	4.7	2.0	1.97	1990	0.45	<0.01	0.4	2.5
442049		9.64	3.11	0.05	0.1	<0.005	0.012	0.24	5.5	7.5	2.69	2570	1.02	0.01	0.8	4.2
442050		15.20	1.34	0.05	0.1	0.008	0.029	0.11	5.7	2.0	3.42	4630	0.65	<0.01	0.5	13.4
442051		17.35	1.15	0.05	0.1	0.009	0.013	0.07	8.0	2.0	3.84	4800	0.64	<0.01	0.6	10.9
442052		17.55	0.98	<0.05	0.1	0.005	0.006	0.04	6.8	1.4	3.81	4360	0.46	<0.01	0.9	2.4
442053		18.85	0.90	0.05	0.1	0.017	0.005	0.06	4.8	1.5	4.67	4430	0.15	0.01	0.3	2.3
442054		20.9	0.59	0.05	0.1	0.008	<0.005	0.03	4.8	1.7	4.43	4950	0.20	0.01	0.3	2.7
442055		18.50	0.43	<0.05	<0.1	<0.005	<0.005	0.01	5.1	1.4	4.30	4580	0.20	<0.01	0.5	1.6
442056		5.37	26.3	0.11	1.9	0.008	0.107	4.20	12.1	2.3	1.76	465	1.40	3.64	14.8	67.9
442057		18.95	0.50	0.06	<0.1	<0.005	<0.005	0.03	5.7	1.5	4.95	4970	0.16	0.01	0.3	1.9
442058		18.20	0.41	0.05	<0.1	<0.005	<0.005	0.02	6.1	1.5	6.32	4930	0.16	0.01	0.3	1.2
442059		16.40	0.32	<0.05	<0.1	<0.005	<0.005	0.01	6.1	1.7	5.79	4590	0.24	<0.01	0.2	0.9
442060		16.05	0.50	<0.05	<0.1	<0.005	<0.005	0.01	3.9	2.1	4.97	3880	0.25	<0.01	0.6	3.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17192483

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
442041		160	1.1	0.9	<0.002	0.07	0.09	0.3	1	<0.2	52.8	<0.05	<0.05	0.07	<0.005	0.03
442042		170	1.1	0.9	<0.002	0.09	0.09	0.2	<1	<0.2	52.5	<0.05	<0.05	0.12	<0.005	0.02
442043		20	0.5	0.5	<0.002	4.62	0.10	<0.1	3	<0.2	1.4	<0.05	0.20	0.01	<0.005	0.02
442044		450	157.5	82.4	<0.002	0.23	0.55	11.1	3	2.9	9.8	0.46	0.94	3.86	0.234	1.23
442045		100	4.2	2.7	0.005	1.06	0.16	0.4	1	0.2	95.2	<0.05	0.13	0.10	0.008	0.06
442046		130	2.7	4.5	<0.002	0.87	0.10	0.7	1	<0.2	85.4	<0.05	0.07	0.11	0.007	0.08
442047		860	183.0	480	0.003	3.18	1.99	4.7	4	1.2	249	0.85	0.93	1.61	0.458	1.89
442048		200	1.1	2.8	<0.002	0.39	0.06	0.5	1	<0.2	44.5	<0.05	<0.05	0.09	<0.005	0.05
442049		270	5.2	8.9	<0.002	1.50	0.07	0.9	2	<0.2	116.5	<0.05	0.07	0.16	0.008	0.14
442050		390	2.9	4.1	0.003	2.50	0.08	0.5	2	<0.2	152.0	<0.05	0.11	0.19	0.006	0.04
442051		580	2.8	2.8	<0.002	1.65	0.06	0.4	1	<0.2	232	<0.05	0.14	0.25	0.006	0.02
442052		420	1.6	1.4	<0.002	0.18	0.05	0.4	1	<0.2	147.5	<0.05	<0.05	0.21	0.005	<0.02
442053		210	2.5	1.9	<0.002	0.42	0.06	0.3	1	<0.2	309	<0.05	<0.05	0.16	<0.005	<0.02
442054		190	2.6	0.9	<0.002	0.45	0.09	0.2	1	<0.2	222	<0.05	<0.05	0.11	<0.005	<0.02
442055		280	1.8	0.4	<0.002	0.08	0.06	0.2	<1	<0.2	147.5	<0.05	<0.05	0.11	<0.005	<0.02
442056		980	157.5	392	0.002	2.76	1.61	5.2	4	1.3	273	1.08	0.57	1.43	0.515	1.48
442057		200	2.5	1.0	<0.002	0.25	0.08	0.2	1	<0.2	263	<0.05	<0.05	0.11	<0.005	<0.02
442058		280	2.2	0.8	<0.002	0.05	0.05	0.2	1	<0.2	345	<0.05	<0.05	0.10	<0.005	<0.02
442059		180	2.2	0.6	<0.002	0.01	0.06	0.1	<1	<0.2	389	<0.05	<0.05	0.09	<0.005	<0.02
442060		200	1.6	0.5	<0.002	0.07	0.06	0.2	1	<0.2	172.0	<0.05	<0.05	0.12	<0.005	<0.02

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17192483

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
442041		0.1	9	0.1	4.8	18	1.8
442042		0.1	8	<0.1	4.7	18	1.8
442043		<0.1	1	<0.1	0.4	4	<0.5
442044		6.7	134	3.6	10.0	225	212
442045		1.2	11	0.2	4.0	10	5.9
442046		0.7	16	0.2	3.5	12	3.8
442047		0.8	57	0.6	6.4	351	70.9
442048		0.5	12	0.1	2.9	27	2.0
442049		0.7	29	0.2	4.4	50	4.6
442050		0.2	20	0.1	4.5	55	4.9
442051		0.2	18	0.1	6.2	38	7.0
442052		0.2	15	0.3	5.7	25	5.6
442053		0.2	17	0.2	6.0	38	5.6
442054		0.2	10	0.1	5.4	40	3.9
442055		0.1	11	0.1	5.4	16	3.1
442056		0.7	64	0.9	6.9	244	78.5
442057		0.1	9	0.1	5.9	34	2.4
442058		0.2	6	0.1	7.1	31	2.3
442059		0.1	5	0.1	7.9	28	1.9
442060		0.1	9	0.1	5.8	10	2.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17192483

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 8- OCT- 2017
Account: MINVIR

CERTIFICATE VO17193290

Project: KAN

This report is for 39 Rock samples submitted to our lab in Val d'Or, QC, Canada on 8- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 21	Sample logging - ClientBarCode
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 8- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17193290

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
403462		0.83	<0.001	0.05	0.56	0.8	20	0.11	0.12	0.08	0.02	2.33	2.1	55	0.20	11.7
403463		0.83	<0.001	0.02	0.13	3.3	10	0.06	0.01	0.01	0.03	0.72	4.9	55	0.09	86.0
403464		0.65	<0.001	<0.01	5.59	8.2	80	0.43	0.01	19.75	0.48	2.65	28.3	75	0.47	1.4
403465		0.79	<0.001	0.05	8.19	3.3	<10	0.48	0.03	3.69	0.04	10.45	18.6	218	0.10	110.0
403466		0.39	<0.001	0.04	1.87	1.2	60	0.12	0.09	0.44	0.02	8.25	1.4	18	0.32	1.7
403467		0.46	<0.001	0.01	0.58	1.2	40	0.17	0.04	0.03	<0.02	2.82	1.0	29	0.42	6.0
403468		0.99	<0.001	0.01	1.53	0.6	90	0.26	0.01	0.04	<0.02	6.68	0.8	22	1.14	0.7
403469		0.73	<0.001	0.02	0.22	2.0	10	0.10	0.01	13.65	0.02	3.63	1.0	10	0.14	0.7
403470		0.79	<0.001	0.02	1.08	1.6	60	0.18	0.03	2.76	0.05	16.50	1.6	26	0.32	0.4
403471		0.88	0.005	0.31	0.07	0.8	<10	0.05	0.05	0.14	0.02	1.26	11.9	35	0.06	21.8
403472		1.30	<0.001	0.09	0.06	0.5	10	<0.05	0.03	0.04	<0.02	0.53	3.8	35	0.06	14.5
403473		1.06	0.002	1.43	0.04	<0.2	10	<0.05	0.07	0.01	<0.02	0.36	2.1	2	<0.05	125.0
403474		0.61	<0.001	0.03	0.22	2.8	10	0.07	0.03	0.67	0.04	6.15	1.4	35	<0.05	4.6
403475		0.60	0.014	1.55	3.59	1.1	150	0.57	2.45	0.09	0.51	21.7	40.4	35	2.77	378
403476		0.78	0.002	1.39	5.43	2.7	190	1.15	3.17	0.49	0.28	66.4	24.0	47	5.32	102.0
403477		0.18	<0.001	0.01	0.07	1.0	120	0.07	0.05	17.50	0.06	1.86	0.5	2	0.28	1.3
407439		0.84	<0.001	0.01	0.62	32.4	50	0.95	0.03	0.81	0.10	18.10	8.9	29	9.58	2.1
407440		0.94	<0.001	<0.01	0.01	0.3	<10	0.05	0.02	0.36	<0.02	2.63	0.2	30	0.05	0.8
407441		0.76	0.123	<0.01	0.02	0.7	<10	0.09	0.01	0.03	0.02	0.50	0.4	40	0.22	1.0
407442		0.75	<0.001	<0.01	0.10	0.4	20	1.14	0.01	0.47	0.15	9.99	5.4	7	0.97	0.4
407443		1.25	<0.001	<0.01	0.03	0.7	<10	0.20	0.01	0.06	0.02	2.84	3.4	15	0.22	0.4
407444		0.81	0.032	0.50	4.28	2.0	290	1.64	0.28	<0.01	<0.02	9.09	0.6	148	3.24	39.7
407445		0.89	0.013	0.03	7.21	0.3	240	2.15	0.03	0.23	0.06	33.8	10.3	127	4.58	14.1
407446		0.93	<0.001	0.01	1.46	0.9	30	0.37	0.02	0.40	0.07	8.01	2.7	53	0.90	4.7
407447		0.81	<0.001	<0.01	0.19	0.9	20	2.15	0.01	1.31	0.31	17.55	2.9	4	1.55	0.5
407448		0.93	0.001	0.01	4.93	0.5	10	0.21	0.09	0.05	<0.02	19.15	5.0	91	0.46	19.4
407449		0.84	0.006	<0.01	0.07	5.2	10	0.29	0.02	0.01	0.03	4.44	1.1	6	0.72	0.6
407450		0.10	8.53	1.60	7.67	96.0	190	4.42	3.53	1.87	4.49	27.6	16.1	57	2.43	121.0
407540		1.25	0.003	1.15	0.44	0.5	30	0.13	6.90	0.11	0.02	27.4	19.4	26	0.14	210
407541		1.52	0.001	0.19	0.05	0.4	<10	0.09	0.04	0.20	0.42	0.58	2.2	32	<0.05	9.7
407542		2.03	0.006	1.11	0.12	0.5	<10	0.08	0.17	1.08	0.13	10.80	16.1	7	0.07	58.1
407543		1.70	0.006	0.20	0.11	0.5	10	0.06	0.07	0.31	0.05	2.00	3.2	40	0.12	15.5
407544		0.51	<0.001	0.02	6.28	0.8	1060	2.14	0.04	2.93	0.08	60.8	12.4	48	2.17	1.1
407545		0.97	<0.001	0.09	7.12	2.2	80	0.98	0.08	1.50	0.10	46.9	13.5	9	0.16	322
407546		1.08	0.001	0.13	6.54	1.1	80	0.61	0.05	0.48	0.04	22.4	12.3	8	0.09	299
407547		0.74	<0.001	0.01	5.26	0.5	330	1.29	0.03	1.41	<0.02	56.2	7.3	40	4.04	4.1
407548		0.69	<0.001	0.02	4.42	1.7	10	0.95	0.03	1.33	0.16	24.7	15.5	34	0.34	28.8
407549		0.91	0.005	0.37	7.08	518	840	3.37	0.43	0.18	0.19	38.1	9.5	78	0.97	113.5
407550		0.11	1.300	1.07	7.74	98.1	120	4.90	3.71	2.16	2.62	26.5	17.3	61	2.53	60.2

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 8- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17193290

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
403462		1.29	1.54	0.09	0.1	0.005	0.007	0.14	1.5	3.0	0.15	350	3.04	0.02	0.3	6.7
403463		1.24	0.39	0.08	0.1	0.005	0.007	0.05	<0.5	0.3	0.01	117	2.82	0.01	8.0	27.4
403464		8.71	14.70	0.11	0.5	0.012	0.059	0.29	1.1	41.2	3.72	4330	0.19	0.29	2.4	80.0
403465		10.75	22.2	0.13	0.5	<0.005	0.125	0.01	3.5	17.5	3.38	1860	0.18	1.01	4.3	47.3
403466		0.96	2.37	0.11	1.4	0.007	0.007	0.23	4.0	1.5	0.10	224	0.67	1.11	0.7	4.0
403467		0.67	1.50	0.11	0.1	0.014	0.010	0.25	1.0	1.5	0.04	90	1.53	0.03	0.4	3.8
403468		1.05	2.98	0.10	1.7	0.005	0.008	0.57	3.5	6.0	0.09	87	0.95	0.39	3.1	2.7
403469		2.53	0.46	0.10	0.1	0.007	<0.005	0.06	4.3	1.7	7.65	1070	0.56	0.08	0.4	1.9
403470		1.78	1.65	0.11	0.3	0.006	0.008	0.22	7.5	2.6	0.67	474	1.34	0.49	0.6	2.8
403471		9.05	0.30	0.10	<0.1	<0.005	0.013	0.01	0.7	0.5	0.14	761	2.41	<0.01	0.3	16.8
403472		3.64	0.21	0.09	<0.1	0.005	0.015	0.02	<0.5	0.8	0.12	327	1.87	<0.01	0.1	10.2
403473		46.9	0.22	0.18	<0.1	0.029	0.022	0.01	<0.5	1.1	0.03	99	0.53	<0.01	0.2	46.8
403474		0.62	0.46	<0.05	0.4	<0.005	<0.005	0.07	2.9	0.7	0.03	326	2.09	0.01	0.2	4.3
403475		23.6	9.83	0.08	1.2	0.006	0.012	1.59	11.6	28.6	2.45	2190	1.61	0.12	5.1	120.5
403476		14.50	12.90	0.07	2.2	0.054	0.031	1.51	36.9	71.0	2.56	5140	1.17	0.05	8.7	42.8
403477		0.16	0.19	0.05	0.1	<0.005	<0.005	0.03	1.0	20.8	13.00	318	0.22	0.04	0.1	3.7
407439		34.0	2.56	3.75	0.5	0.060	0.011	0.34	10.0	1.5	2.37	14600	0.53	0.04	6.9	11.2
407440		0.66	0.06	<0.05	<0.1	0.173	<0.005	<0.01	1.3	0.7	0.02	404	1.75	<0.01	<0.1	2.6
407441		1.99	0.09	<0.05	<0.1	0.063	<0.005	0.01	<0.5	0.7	0.10	889	2.02	<0.01	0.3	1.4
407442		32.4	0.46	0.45	0.1	0.022	0.008	0.04	6.0	1.5	2.70	7560	0.56	0.01	1.4	3.4
407443		19.85	0.15	<0.05	0.1	0.008	0.006	0.02	1.8	1.0	2.14	2510	0.99	<0.01	1.3	2.6
407444		26.0	12.55	0.07	1.6	0.191	0.060	2.60	7.2	27.1	0.44	147	19.75	0.02	4.3	2.6
407445		16.65	20.0	0.07	2.3	0.013	0.071	1.02	13.2	50.3	1.94	3930	2.80	0.30	11.7	28.1
407446		3.98	4.08	<0.05	0.3	0.031	0.013	0.16	3.7	12.2	0.44	1580	2.39	0.03	1.6	7.9
407447		31.4	1.08	0.08	0.1	0.025	0.011	0.11	10.6	1.2	2.82	8930	1.60	0.01	2.2	2.4
407448		15.45	14.00	<0.05	1.6	0.019	0.034	0.02	8.0	25.9	1.53	4040	3.66	<0.01	8.1	20.3
407449		7.71	0.24	<0.05	<0.1	0.020	<0.005	0.01	2.5	0.6	0.17	2400	0.44	<0.01	0.5	1.7
407450		5.47	22.8	0.05	1.5	0.025	0.177	4.52	14.1	3.0	1.55	407	1.29	3.34	13.5	60.8
407540		3.74	1.18	<0.05	0.5	0.006	0.010	0.17	12.9	1.9	0.08	161	1.54	0.01	0.4	9.0
407541		6.46	0.13	<0.05	<0.1	0.013	0.038	0.01	<0.5	0.6	0.39	1390	1.79	0.01	0.1	4.6
407542		29.4	0.53	<0.05	0.1	0.018	0.044	<0.01	6.7	0.7	1.46	7050	0.50	<0.01	0.4	25.4
407543		10.10	0.42	<0.05	<0.1	0.012	0.011	0.05	1.1	0.9	0.47	2160	2.10	<0.01	0.3	6.1
407544		5.89	14.50	<0.05	3.5	0.005	0.057	2.59	31.0	45.2	2.88	6800	0.54	0.53	6.4	20.6
407545		8.10	15.20	0.06	4.3	0.009	0.080	0.16	19.6	11.1	0.59	966	0.79	4.04	7.6	0.8
407546		9.37	12.50	<0.05	3.6	0.006	0.071	0.11	8.6	9.3	0.63	1250	1.16	3.77	8.2	2.2
407547		3.92	10.40	<0.05	2.7	0.007	0.038	1.55	30.4	27.4	2.06	3390	0.29	2.06	5.2	15.1
407548		13.90	10.05	<0.05	2.2	0.006	0.009	0.04	13.7	4.9	2.66	4170	0.56	<0.01	8.9	22.3
407549		10.25	16.40	0.05	2.4	0.028	0.070	2.98	18.1	46.2	1.93	557	4.67	0.05	8.7	17.3
407550		5.22	23.6	<0.05	1.7	0.010	0.097	4.13	12.9	3.1	1.69	439	1.27	3.56	15.3	67.1

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 8- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17193290

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
403462		100	8.3	6.0	<0.002	0.05	0.12	0.6	1	<0.2	3.4	<0.05	<0.05	0.32	0.018	0.04
403463		10	1.1	2.0	<0.002	0.34	0.27	0.2	1	<0.2	0.8	0.66	<0.05	0.17	0.166	<0.02
403464		270	13.2	12.1	<0.002	0.04	0.06	39.1	1	0.4	447	0.23	<0.05	0.14	0.304	0.07
403465		540	3.5	0.1	0.002	0.91	0.74	46.4	2	2.6	133.0	0.28	0.16	0.33	0.880	<0.02
403466		450	14.0	8.3	<0.002	0.06	0.10	0.9	1	<0.2	72.2	0.05	<0.05	4.88	0.033	0.05
403467		40	3.9	11.4	<0.002	0.04	0.12	0.7	1	0.2	8.6	<0.05	<0.05	0.52	0.015	0.05
403468		200	2.9	26.6	<0.002	0.02	0.06	0.8	<1	0.2	9.9	0.17	<0.05	3.59	0.038	0.15
403469		730	6.8	2.7	<0.002	0.01	0.08	0.3	1	<0.2	527	<0.05	<0.05	0.40	0.005	0.02
403470		3180	7.8	9.5	<0.002	0.06	0.07	1.0	1	<0.2	283	<0.05	<0.05	3.37	0.018	0.05
403471		320	0.7	0.4	<0.002	4.17	0.11	0.1	3	<0.2	4.6	<0.05	0.28	0.05	<0.005	<0.02
403472		40	0.5	0.5	<0.002	1.43	0.07	0.1	1	<0.2	1.6	<0.05	0.08	0.05	<0.005	0.02
403473		40	1.2	0.2	<0.002	>10.0	<0.05	0.1	1	<0.2	0.9	<0.05	0.51	0.03	<0.005	<0.02
403474		90	4.9	2.3	<0.002	0.23	0.10	0.4	<1	0.2	4.8	<0.05	<0.05	0.86	0.006	0.02
403475		250	144.0	78.2	0.014	>10.0	0.19	7.7	10	0.4	2.5	0.38	1.56	6.82	0.132	0.83
403476		220	423	85.9	0.010	0.76	0.17	8.9	1	2.2	10.9	0.68	1.02	13.40	0.197	0.69
403477		30	2.7	1.0	<0.002	0.02	0.19	0.2	1	<0.2	122.0	<0.05	<0.05	0.22	0.005	0.04
407439		520	1.5	19.7	0.002	0.06	0.47	1.8	<1	0.3	21.1	0.31	0.05	1.03	0.099	0.03
407440		120	0.9	0.2	<0.002	0.02	0.10	<0.1	<1	<0.2	7.9	<0.05	<0.05	0.14	<0.005	<0.02
407441		30	0.6	0.4	<0.002	0.03	0.14	0.1	<1	<0.2	2.1	<0.05	<0.05	0.05	<0.005	<0.02
407442		340	1.2	3.2	0.002	0.02	0.45	0.4	<1	0.3	5.9	0.05	<0.05	0.18	0.010	0.02
407443		90	<0.5	0.7	0.002	0.01	0.51	0.3	<1	0.4	0.6	<0.05	<0.05	0.06	<0.005	<0.02
407444		330	35.8	111.0	0.003	1.09	1.92	12.8	5	1.0	10.5	0.28	0.34	2.02	0.251	0.89
407445		350	2.0	58.5	0.002	0.04	0.19	13.9	1	1.7	12.2	0.93	<0.05	9.73	0.342	0.36
407446		120	1.2	9.8	0.002	0.02	0.12	2.5	1	0.3	5.9	0.12	<0.05	1.28	0.049	0.07
407447		250	1.3	3.8	0.002	0.02	1.10	0.4	<1	1.2	13.9	0.07	<0.05	0.29	0.005	0.02
407448		250	1.4	3.3	0.002	0.03	0.19	8.4	1	<0.2	3.4	0.75	0.06	5.45	0.284	0.03
407449		100	<0.5	1.0	0.002	0.01	0.08	0.1	<1	0.2	0.7	<0.05	<0.05	0.10	<0.005	<0.02
407450		840	183.5	450	0.005	3.16	1.79	5.0	3	1.2	238	0.83	0.92	1.67	0.438	1.70
407540		740	92.4	7.1	<0.002	0.42	0.10	0.8	2	0.2	8.0	<0.05	1.85	1.09	0.009	0.03
407541		30	0.6	0.3	<0.002	1.34	0.10	0.2	1	<0.2	3.6	<0.05	0.13	0.04	<0.005	0.02
407542		330	3.6	0.3	0.002	>10.0	0.14	0.4	2	<0.2	14.7	<0.05	0.37	0.16	0.008	0.05
407543		610	1.1	1.9	<0.002	1.81	0.09	0.2	1	<0.2	6.8	<0.05	0.12	0.07	0.005	0.07
407544		450	4.2	66.1	0.002	0.02	0.23	7.2	<1	1.1	38.2	0.47	0.10	9.93	0.272	0.31
407545		1250	13.9	3.5	0.002	1.42	0.17	21.8	2	0.5	90.7	0.65	0.27	2.98	0.483	0.02
407546		1010	5.2	2.4	0.002	1.55	0.20	20.0	2	0.3	51.2	0.56	0.25	2.43	0.644	<0.02
407547		320	3.1	78.6	0.002	0.10	0.15	6.9	<1	1.2	70.3	0.39	<0.05	10.75	0.243	0.32
407548		130	7.0	2.1	0.004	0.20	0.28	6.1	<1	0.5	19.4	0.44	0.05	6.77	0.191	0.02
407549		940	22.1	78.6	0.014	2.60	0.96	11.5	3	2.3	14.4	0.68	0.50	12.60	0.260	0.45
407550		950	147.0	366	0.004	2.68	1.54	5.5	4	1.1	255	1.04	0.96	1.40	0.480	1.36

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 8- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17193290

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
403462		0.1	4	0.1	1.4	12	2.0
403463		0.2	2	0.3	4.9	7	1.5
403464		0.1	244	6.3	17.9	145	15.6
403465		0.1	429	0.7	23.3	168	10.6
403466		0.5	8	0.1	2.3	12	52.2
403467		0.1	6	0.1	0.6	4	4.8
403468		0.5	9	0.1	1.2	8	68.4
403469		0.7	2	<0.1	5.1	7	5.8
403470		0.7	5	0.1	8.2	9	13.6
403471		0.4	4	0.1	1.1	4	0.9
403472		0.1	3	<0.1	0.3	3	0.7
403473		<0.1	5	<0.1	0.5	<2	<0.5
403474		0.2	4	0.1	2.0	3	14.2
403475		3.0	69	0.3	7.7	165	48.0
403476		2.8	82	0.3	20.6	85	82.6
403477		0.3	2	0.2	0.9	16	2.1
407439		0.7	39	0.4	9.3	29	23.5
407440		<0.1	<1	<0.1	1.0	<2	<0.5
407441		0.1	1	<0.1	0.5	3	0.5
407442		0.3	8	0.1	8.6	103	6.1
407443		0.1	1	0.1	1.3	53	3.0
407444		5.2	295	2.3	4.1	53	65.3
407445		5.0	264	1.0	7.0	157	91.3
407446		0.9	58	0.2	2.1	39	12.0
407447		1.2	15	0.1	18.4	92	6.7
407448		3.4	165	0.1	4.2	114	77.1
407449		0.2	5	<0.1	2.9	16	2.8
407450		0.9	56	0.5	6.4	343	68.8
407540		0.4	4	0.1	2.6	9	18.0
407541		0.1	2	<0.1	0.7	76	0.6
407542		0.1	10	0.1	4.0	40	3.0
407543		0.1	7	0.1	2.6	16	1.0
407544		1.4	54	1.7	14.6	78	140.0
407545		0.6	50	0.5	37.9	86	166.5
407546		0.5	13	0.5	29.6	57	138.5
407547		0.8	45	0.3	8.1	33	103.5
407548		1.1	35	0.1	15.8	65	81.0
407549		4.0	175	2.7	22.4	103	88.6
407550		0.7	61	0.5	6.8	236	76.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 8- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17193290

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	LOG- 21	LOG- 23	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

CERTIFICATE VO17203213

Project: KAN

P.O. No.: KAN- 042

This report is for 20 Rock samples submitted to our lab in Val d'Or, QC, Canada on 20- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT	LEE SCHOLL	JAMIE TODD

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

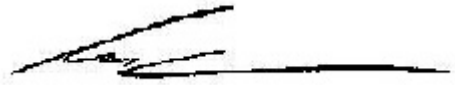
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203213

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
442221		Not Recvd														
442222		Not Recvd														
442223		Not Recvd														
442224		Not Recvd														
442225		Not Recvd														
442226		3.20	<0.001	0.02	3.15	0.8	260	1.00	0.03	1.04	0.33	51.8	13.0	37	5.52	8.2
442227		0.13	8.54	1.69	7.58	111.5	200	3.48	3.61	1.92	3.87	25.4	18.8	60	2.64	113.0
442228		1.23	<0.001	0.04	0.84	1.6	40	0.17	0.04	0.12	0.11	15.00	2.5	19	0.64	37.7
442229		1.72	<0.001	0.04	2.02	1.8	80	0.42	0.03	0.78	0.31	26.0	7.7	21	1.44	45.0
442230		2.38	0.038	3.47	2.59	0.5	170	0.76	1.48	0.17	1.87	30.1	6.6	27	4.32	208
442231		0.20	<0.001	0.06	0.06	0.5	110	<0.05	0.03	19.70	0.04	1.71	0.4	<1	0.37	3.4
442232		2.57	0.006	0.42	3.06	0.6	190	0.73	0.08	0.16	0.38	28.7	8.5	28	4.73	194.0
442233		3.68	0.005	0.14	3.19	0.7	200	0.81	0.02	0.46	0.29	37.6	8.3	29	4.81	102.0
442234		4.23	0.002	0.11	3.57	0.7	240	1.00	0.02	0.78	0.30	42.8	10.3	34	5.62	102.0
442235		2.46	0.007	1.35	2.84	1.1	150	0.67	0.54	0.82	0.92	31.6	10.5	29	3.67	178.0
442236		0.12	1.310	1.20	8.25	118.5	130	4.87	2.93	2.34	2.65	25.7	21.4	69	2.80	65.1
442237		3.30	0.011	0.23	3.78	1.4	170	0.85	0.04	1.52	0.46	44.8	11.1	35	4.07	195.5
442238		3.88	0.004	1.10	3.08	0.4	150	0.66	0.10	0.70	0.51	38.7	11.1	29	3.55	216
442239		1.49	<0.001	0.83	4.01	0.2	200	0.87	0.36	0.30	0.66	46.8	7.4	36	4.61	125.0
442240		1.52	<0.001	0.12	3.17	0.4	220	0.98	0.02	0.07	0.21	30.3	7.8	28	5.50	101.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203213

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
442221																
442222																
442223																
442224																
442225																
442226		15.30	8.69	0.08	1.8	0.014	0.038	1.16	27.6	31.3	1.65	6750	0.55	0.28	5.9	26.3
442227		5.47	25.9	0.09	1.7	0.014	0.162	4.65	12.6	2.1	1.57	439	1.67	3.31	14.3	64.6
442228		5.39	2.46	<0.05	0.3	0.012	0.014	0.12	6.9	5.2	0.39	2060	0.25	0.13	1.0	4.6
442229		10.35	4.18	0.05	0.9	0.015	0.026	0.32	13.1	8.6	0.78	5130	0.86	0.72	2.3	11.7
442230		18.60	6.93	0.08	1.2	0.015	0.051	0.71	16.6	19.7	1.01	1280	0.62	0.01	4.1	16.1
442231		0.25	0.10	<0.05	<0.1	0.007	<0.005	0.03	0.8	7.1	12.85	329	<0.05	0.02	0.2	0.7
442232		18.65	8.30	0.08	1.3	0.009	0.051	0.85	16.0	19.6	1.22	1040	0.52	0.01	4.9	17.5
442233		18.65	8.62	0.08	1.4	0.011	0.051	0.92	21.3	22.7	1.86	1640	1.12	<0.01	4.8	22.9
442234		18.45	9.50	0.08	1.7	0.011	0.052	1.18	24.2	28.2	2.18	1770	0.48	0.01	5.5	30.1
442235		17.05	7.28	0.08	1.3	0.011	0.044	0.66	17.7	18.7	1.35	1510	0.54	0.01	4.4	22.3
442236		5.56	27.8	0.08	1.9	0.008	0.112	4.46	12.3	2.7	1.84	492	1.53	3.82	16.7	75.9
442237		19.00	10.05	0.08	1.5	0.012	0.058	0.87	26.1	24.7	2.42	1860	0.54	0.01	5.5	31.2
442238		19.60	8.31	0.08	1.4	0.010	0.056	0.73	22.3	19.2	1.98	2060	0.64	<0.01	5.0	29.2
442239		22.9	10.70	0.11	1.9	0.016	0.073	0.91	26.9	25.0	2.34	3040	0.46	<0.01	6.6	21.5
442240		17.45	8.55	0.09	1.5	0.010	0.057	0.89	16.3	24.5	1.20	960	0.50	0.01	4.7	17.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203213

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
442221																
442222																
442223																
442224																
442225																
442226		280	7.2	65.5	0.003	0.05	0.26	6.2	<1	1.1	57.4	0.51	<0.05	8.25	0.149	0.42
442227		910	193.5	490	0.003	3.36	2.14	4.9	4	1.2	246	0.95	0.68	1.31	0.465	1.89
442228		200	7.0	7.1	<0.002	0.06	0.19	1.3	<1	0.2	11.5	0.09	<0.05	1.42	0.021	0.05
442229		160	9.5	16.7	0.003	0.41	0.18	2.5	1	0.3	55.6	0.19	<0.05	3.61	0.049	0.09
442230		310	4960	54.6	<0.002	0.62	2.75	4.0	5	0.9	8.9	0.35	1.76	5.48	0.101	0.58
442231		20	42.1	1.1	<0.002	<0.01	0.12	0.2	<1	<0.2	160.5	<0.05	<0.05	0.15	<0.005	0.05
442232		200	315	61.6	0.002	0.92	0.33	4.7	2	0.9	7.4	0.40	0.14	6.22	0.120	0.66
442233		260	20.8	65.4	0.005	1.06	0.16	5.2	1	0.9	12.8	0.41	0.05	6.83	0.126	0.69
442234		260	14.2	78.0	0.003	1.30	0.15	5.8	1	1.1	22.3	0.47	<0.05	7.95	0.147	0.81
442235		250	1765	49.8	0.002	1.08	1.08	4.8	2	0.7	24.4	0.40	0.62	6.26	0.113	0.55
442236		1090	178.5	392	0.002	2.94	1.81	5.5	4	1.3	280	1.23	0.55	1.25	0.538	1.53
442237		250	148.5	58.7	0.005	2.13	0.23	6.1	1	0.8	53.8	0.52	0.05	8.21	0.139	0.62
442238		590	443	48.9	0.004	2.24	0.29	4.9	2	0.7	26.2	0.44	0.52	6.63	0.125	0.51
442239		390	906	62.0	0.002	0.86	0.71	6.5	2	0.9	9.9	0.52	0.45	8.91	0.161	0.65
442240		400	14.9	70.9	0.002	0.17	0.15	5.0	1	1.2	3.1	0.39	<0.05	6.47	0.124	0.81

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203213

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
442221							
442222							
442223							
442224							
442225							
442226		1.5	51	0.2	7.2	80	63.5
442227		0.8	59	0.5	6.2	335	71.3
442228		0.3	10	0.1	1.9	29	10.3
442229		0.6	16	0.1	3.5	49	32.4
442230		1.0	29	0.2	6.6	192	41.4
442231		0.2	2	0.1	1.2	10	1.3
442232		1.1	37	0.2	6.2	218	48.5
442233		1.5	37	0.2	7.0	232	52.2
442234		1.6	40	0.2	7.6	257	58.4
442235		1.3	33	0.2	6.6	203	44.2
442236		0.7	69	0.6	6.8	259	82.7
442237		1.7	42	0.2	8.0	284	53.3
442238		1.4	36	0.2	8.7	242	50.3
442239		1.5	47	0.2	8.8	309	65.3
442240		1.2	36	0.3	8.1	217	51.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203213

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

CERTIFICATE VO17203224

Project: KAN

P.O. No.: KAN- 043

This report is for 7 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 20- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

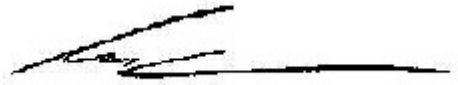
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203224

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
442241		Not Recvd														
442242		Not Recvd														
442243		Not Recvd														
442244		Not Recvd														
442245		Not Recvd														
442246		1.64	0.001	0.39	4.92	1.7	110	0.73	0.16	0.35	0.28	54.9	14.1	43	2.75	262
442247		0.19	8.88	1.66	7.77	112.0	200	3.54	3.43	1.96	4.00	26.7	18.4	61	2.64	115.0

***** See Appendix Page for comments regarding this certificate *****

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Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203224

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
442241																
442242																
442243																
442244																
442245																
442246		19.35	13.65	0.12	2.0	0.009	0.058	0.54	32.0	21.5	2.47	925	0.58	0.01	7.3	37.8
442247		5.46	26.1	0.09	1.7	0.018	0.160	4.57	13.2	2.0	1.59	435	1.71	3.29	14.0	64.8

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CERTIFICATE OF ANALYSIS VO17203224

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
442241																
442242																
442243																
442244																
442245																
442246		250	324	38.8	0.006	2.43	0.35	7.7	2	0.7	10.6	0.65	0.24	10.90	0.178	0.38
442247		920	195.0	510	0.003	3.26	2.01	4.9	3	1.2	249	0.95	0.71	1.40	0.465	1.94

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Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203224

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
442241							
442242							
442243							
442244							
442245							
442246		2.2	60	0.4	7.5	322	70.6
442247		0.9	60	0.5	6.3	346	71.9

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Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203224

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

CERTIFICATE VO17203303

Project: KAN

This report is for 41 Rock samples submitted to our lab in Val d'Or, QC, Canada on 20- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
WEI- 21	Received Sample Weight

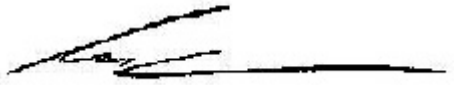
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS
ME- XRF26	Whole Rock By Fusion/XRF	XRF
OA- GRA05x	LOI for XRF	WST- SEQ

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203303

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
442351		1.60	<0.001	<0.01	0.12	<0.2	10	0.64	0.02	2.45	0.02	5.15	1.9	13	0.17	2.4
442352		1.49	0.002	<0.01	0.15	1.6	10	0.64	0.01	18.50	0.02	22.8	1.8	12	0.08	2.0
442353		0.98	0.022	0.63	11.70	19.0	390	1.07	0.24	0.17	<0.02	10.15	0.1	138	7.64	3.8
442354		1.19	<0.001	0.01	0.22	8.6	<10	0.20	0.02	0.63	0.03	4.81	2.9	11	0.09	4.9
442355		1.47	0.054	0.30	0.04	0.5	<10	0.12	0.01	0.80	0.06	7.51	3.7	4	0.35	0.7
442356		0.87	0.001	0.06	9.60	<0.2	430	2.13	0.19	0.02	<0.02	9.94	3.7	81	10.90	14.5
442357		1.39	<0.001	0.02	7.24	3.8	10	0.31	0.02	6.44	0.09	10.80	43.4	153	0.63	107.0
442358		0.85	0.001	<0.01	0.12	0.9	<10	0.30	0.01	11.60	0.05	9.86	2.0	3	0.66	1.0
442359		0.88	0.012	<0.01	0.08	0.4	<10	0.18	0.01	1.61	0.11	10.60	3.5	2	0.63	1.6
442360		0.90	0.068	2.20	8.56	6.8	530	5.50	0.36	0.09	<0.02	99.4	0.3	93	3.94	2.0
442361		1.74	0.035	0.02	0.20	1.3	20	0.12	0.02	0.75	0.16	9.13	3.9	5	1.14	6.9
442362		1.10	0.005	0.01	0.16	1.9	10	0.25	0.03	12.75	0.27	14.50	1.4	3	0.54	1.8
442363		0.96	<0.001	0.06	7.46	1.1	20	0.36	0.03	6.21	0.15	10.55	48.0	150	1.22	172.0
442364		0.59	<0.001	0.04	10.00	<0.2	490	2.13	0.15	0.19	<0.02	74.9	7.0	90	6.02	25.2
442365		0.88	0.001	<0.01	0.10	0.3	10	0.66	0.01	13.20	0.02	7.08	1.7	3	0.12	1.7
442366		1.32	<0.001	<0.01	0.07	0.3	<10	1.72	0.01	3.86	0.13	13.90	4.4	4	0.72	0.4
442367		1.58	0.001	0.01	1.65	0.4	300	1.47	0.09	1.22	0.03	12.40	6.9	21	14.20	2.5
442368		1.22	<0.001	0.02	3.78	0.6	500	1.00	0.03	6.81	0.07	34.7	2.8	11	0.67	0.8
442369		1.47	<0.001	0.02	7.13	6.7	150	0.22	0.02	9.43	0.15	3.29	35.3	353	0.27	36.6
442370		1.08	<0.001	0.01	4.56	2.7	680	1.43	0.05	4.56	0.06	52.5	11.4	27	0.47	0.5
442371		1.51	<0.001	<0.01	0.16	0.4	10	1.14	<0.01	2.30	0.04	9.96	4.3	6	1.96	0.6
442372		1.73	<0.001	<0.01	0.12	0.9	10	0.83	<0.01	1.02	0.20	11.05	4.7	13	2.23	0.7
442373		1.36	0.001	<0.01	0.13	1.2	10	0.63	0.01	1.03	0.05	4.88	3.2	4	2.48	0.5
442374		1.53	<0.001	0.01	0.07	1.2	10	0.32	0.01	4.37	0.31	19.20	3.5	2	1.77	4.3
442375		1.15	<0.001	0.03	6.52	9.4	10	0.18	0.01	4.52	0.08	5.30	76.2	100	0.11	122.5
442376		0.90	0.001	0.05	4.90	4.2	330	1.45	0.08	0.08	<0.02	51.5	0.4	22	2.80	1.9
442377		2.09	0.001	<0.01	0.24	7.9	10	3.44	0.03	0.33	0.04	18.35	6.6	7	1.35	4.6
442378		0.82	0.001	<0.01	0.15	5.0	20	1.01	0.06	1.29	0.02	8.87	6.1	3	1.73	0.7
442379		2.07	<0.001	0.01	0.03	0.8	10	0.41	<0.01	12.45	0.02	3.01	2.0	3	<0.05	0.6
442380		2.04	<0.001	<0.01	0.03	7.1	10	1.83	0.01	0.10	<0.02	3.76	3.3	17	0.10	1.3
442381		1.26	<0.001	0.02	0.39	2.0	<10	0.44	0.02	1.63	0.04	7.42	5.5	13	<0.05	4.4
442382		1.16	<0.001	0.04	7.19	17.0	20	0.36	0.01	6.35	0.15	8.80	53.0	128	0.79	94.9
442383		0.64	<0.001	0.01	0.64	8.5	<10	0.33	<0.01	0.23	<0.02	34.2	2.8	41	<0.05	5.2
442384		0.86	0.002	0.03	7.67	12.2	10	0.46	0.02	7.36	0.08	9.92	50.0	186	0.26	117.0
442386		0.98	<0.001	0.01	7.47	18.7	50	0.97	0.01	4.24	0.05	17.60	34.0	143	1.12	11.7
442387		1.02	0.001	0.07	7.50	5.3	10	0.46	0.04	6.93	0.19	9.99	53.1	214	0.24	170.5
442388		1.27	0.010	0.01	0.35	117.5	20	1.14	0.01	2.51	0.22	12.15	13.5	14	5.87	16.2
455017		0.88	<0.001	0.07	6.49	0.3	380	1.45	0.06	0.16	0.33	45.8	16.0	73	4.50	28.9
455018		0.53	0.001	0.07	8.16	0.6	450	1.69	0.20	0.03	0.09	52.5	9.5	87	9.75	16.0
455019		0.85	<0.001	0.01	0.70	<0.2	10	0.70	0.01	1.02	0.11	8.07	6.7	19	0.11	9.4

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

***** See Appendix Page for comments regarding this certificate *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203303

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
442351		19.05	0.38	<0.05	0.1	<0.005	0.005	0.05	3.1	2.2	3.44	6250	0.35	0.01	1.0	5.8
442352		12.95	0.98	0.05	0.5	0.005	0.006	0.02	15.0	4.1	6.75	3940	0.22	<0.01	5.6	8.7
442353		0.82	28.5	0.07	4.8	1.040	0.053	4.38	5.4	33.8	0.29	55	9.87	0.70	24.5	1.0
442354		8.62	0.83	<0.05	0.1	0.007	0.008	0.02	2.6	1.2	0.57	8800	0.46	<0.01	1.2	4.9
442355		26.0	0.23	<0.05	<0.1	<0.005	0.005	0.01	5.1	0.7	3.14	5590	0.11	<0.01	0.2	0.8
442356		5.18	22.7	0.06	2.6	<0.005	0.058	5.39	4.7	38.2	1.10	227	0.29	0.20	7.9	7.6
442357		9.45	17.45	<0.05	2.0	0.022	0.094	0.09	3.9	14.0	3.83	1640	0.37	1.16	3.6	82.4
442358		17.90	0.53	<0.05	0.1	<0.005	<0.005	0.03	6.0	1.5	4.97	5620	0.22	<0.01	1.0	1.5
442359		34.4	0.30	<0.05	<0.1	<0.005	<0.005	0.01	7.1	0.8	4.54	7720	0.05	0.01	0.5	1.1
442360		0.58	29.5	0.11	5.2	0.661	0.090	4.33	51.3	33.9	0.56	95	2.20	0.16	73.6	0.9
442361		26.4	0.53	<0.05	0.1	0.019	0.020	0.09	5.5	1.6	2.11	12300	0.51	<0.01	1.1	3.2
442362		17.05	0.62	<0.05	0.1	0.011	0.149	0.08	9.0	2.5	6.22	5660	0.75	0.01	0.9	0.8
442363		9.73	17.00	0.05	1.1	0.084	0.097	0.15	3.8	22.0	4.66	1370	0.22	1.59	3.4	94.2
442364		5.47	24.5	0.09	2.7	<0.005	0.054	4.96	40.7	40.2	0.84	188	0.80	0.22	7.8	15.0
442365		14.10	0.34	<0.05	<0.1	<0.005	<0.005	0.02	4.6	2.0	6.86	3690	0.39	0.01	0.6	1.6
442366		27.8	1.75	<0.05	0.1	0.041	0.009	0.02	8.9	0.8	2.36	10000	0.30	<0.01	0.4	2.4
442367		24.5	4.27	0.06	0.6	<0.005	0.028	0.44	6.7	21.9	1.61	3670	0.33	0.50	2.7	11.7
442368		1.56	9.33	0.07	10.3	<0.005	0.024	1.91	16.2	28.1	3.55	826	0.27	0.53	2.7	8.0
442369		5.65	12.00	0.06	0.5	<0.005	0.037	0.42	1.2	8.8	6.12	1220	0.16	0.77	0.9	124.0
442370		11.05	9.78	0.08	2.5	<0.005	0.038	2.78	25.6	13.9	3.51	3320	0.09	1.96	3.6	16.2
442371		26.6	0.93	0.06	0.1	0.008	<0.005	0.07	5.8	0.5	1.52	13400	0.31	0.01	0.7	2.1
442372		32.3	2.09	0.05	0.1	<0.005	0.005	0.05	7.1	0.4	1.43	11750	0.17	0.01	1.0	3.3
442373		33.1	0.72	<0.05	0.1	0.007	0.006	0.07	3.0	0.3	2.18	11750	0.35	0.01	1.0	1.5
442374		31.4	3.18	0.06	<0.1	0.006	0.007	0.03	12.9	0.3	1.67	9870	0.07	<0.01	0.6	2.0
442375		9.06	12.50	<0.05	1.1	0.020	0.035	0.01	2.0	39.9	8.63	1420	0.12	1.15	1.8	464
442376		0.94	16.05	0.09	3.7	0.093	0.066	2.54	26.5	16.5	0.39	202	4.52	0.07	13.6	1.7
442377		30.9	1.27	0.05	0.2	0.042	0.006	0.13	11.7	1.1	3.02	6450	0.95	0.02	2.5	8.2
442378		36.8	2.21	0.27	0.1	0.028	0.005	0.07	5.1	0.7	2.23	16150	0.74	0.01	1.0	3.6
442379		13.80	0.22	<0.05	<0.1	0.015	<0.005	0.01	1.9	1.5	5.07	6680	<0.05	0.01	0.6	0.8
442380		29.1	0.36	<0.05	<0.1	0.007	<0.005	0.01	1.6	1.7	0.66	745	0.56	0.01	0.6	1.4
442381		18.60	1.80	<0.05	0.4	<0.005	0.014	<0.01	3.8	1.9	2.44	15400	0.57	<0.01	3.3	6.8
442382		9.82	16.70	0.07	0.8	<0.005	0.074	0.15	3.3	20.9	5.67	1700	0.16	1.36	2.8	201
442383		5.35	3.09	<0.05	0.4	0.005	0.005	0.01	16.6	6.3	0.79	2980	0.47	<0.01	3.5	11.9
442384		9.35	16.65	0.05	1.4	0.024	0.070	0.04	3.6	16.5	4.86	1590	0.23	1.02	3.2	159.5
442386		9.20	18.15	0.07	1.8	<0.005	0.067	0.22	7.5	42.3	3.52	3530	0.34	2.06	4.5	34.6
442387		9.40	16.85	<0.05	0.8	0.013	0.071	0.05	3.7	17.3	5.18	1640	0.28	0.91	3.3	181.0
442388		26.9	1.87	<0.05	0.2	0.014	0.021	0.14	8.1	1.8	2.08	6600	0.75	0.07	1.3	4.0
455017		7.99	15.70	0.06	2.2	<0.005	0.038	3.78	21.5	38.6	0.78	4780	0.97	0.05	6.1	32.2
455018		4.52	19.75	0.09	3.2	<0.005	0.037	4.79	24.1	50.2	0.86	472	0.85	0.39	7.5	17.7
455019		16.55	3.16	<0.05	0.5	<0.005	0.018	0.22	4.4	6.1	2.54	13150	0.37	0.01	3.0	8.6

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203303

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
442351		140	0.5	1.9	<0.002	0.05	0.11	0.2	<1	<0.2	16.9	<0.05	<0.05	0.22	0.010	0.02
442352		610	0.9	0.8	<0.002	<0.01	0.12	1.1	1	0.2	130.5	0.19	<0.05	0.61	0.053	<0.02
442353		50	12.3	119.0	0.007	0.11	14.45	23.3	2	3.1	59.3	1.53	0.32	2.01	0.736	7.57
442354		180	0.8	0.6	<0.002	0.02	0.25	0.7	<1	<0.2	9.5	0.07	<0.05	0.19	0.025	0.03
442355		40	<0.5	0.4	<0.002	0.07	0.10	0.1	<1	<0.2	10.9	<0.05	<0.05	0.03	<0.005	<0.02
442356		150	11.6	198.5	<0.002	0.18	0.57	10.7	<1	1.7	29.0	0.66	<0.05	12.75	0.314	0.90
442357		390	1.9	3.9	0.002	0.06	0.96	44.6	<1	0.7	171.5	0.23	<0.05	0.34	0.743	0.04
442358		140	2.2	1.1	<0.002	0.04	0.13	0.3	1	<0.2	115.0	0.05	<0.05	0.19	0.006	<0.02
442359		130	0.5	0.6	<0.002	0.04	0.09	0.3	<1	<0.2	27.6	<0.05	<0.05	0.05	0.005	<0.02
442360		70	53.4	130.0	0.055	0.42	40.2	25.7	6	8.4	19.5	4.60	0.97	6.42	0.911	5.18
442361		340	0.5	4.3	<0.002	0.24	0.27	0.3	<1	0.2	15.4	0.06	<0.05	0.30	0.015	0.20
442362		300	4.1	3.6	<0.002	0.09	0.46	0.3	<1	0.9	189.0	<0.05	<0.05	0.23	0.008	0.09
442363		450	3.8	6.3	0.003	0.23	3.68	43.0	1	0.6	238	0.23	<0.05	0.26	0.744	0.09
442364		240	4.0	174.5	<0.002	0.05	1.33	11.9	1	1.8	35.2	0.64	0.07	13.85	0.323	1.33
442365		90	1.6	0.8	<0.002	0.03	0.10	0.3	<1	<0.2	243	<0.05	<0.05	0.13	0.006	0.03
442366		330	1.4	0.8	<0.002	0.02	0.30	0.4	<1	0.5	60.1	<0.05	<0.05	0.26	0.011	<0.02
442367		180	8.3	19.5	<0.002	0.01	0.29	2.7	<1	1.0	89.7	0.20	0.05	3.20	0.061	0.16
442368		310	7.4	64.3	<0.002	<0.01	0.19	2.7	<1	0.7	72.9	0.21	<0.05	9.88	0.101	0.20
442369		120	2.6	13.0	<0.002	<0.01	1.28	47.7	1	0.2	200	0.07	<0.05	0.17	0.236	0.06
442370		260	14.1	61.3	<0.002	<0.01	0.54	5.1	<1	0.9	74.6	0.31	<0.05	8.76	0.167	0.18
442371		340	0.7	2.9	<0.002	<0.01	0.52	0.4	<1	0.4	14.9	<0.05	<0.05	0.18	0.008	<0.02
442372		500	0.6	2.2	<0.002	0.01	0.75	0.4	<1	0.4	15.6	<0.05	<0.05	0.28	0.016	0.02
442373		260	<0.5	3.6	<0.002	0.01	0.18	0.3	<1	<0.2	8.1	<0.05	<0.05	0.14	0.007	<0.02
442374		710	2.2	2.1	<0.002	0.33	0.33	0.3	1	0.5	67.1	<0.05	<0.05	0.17	0.015	<0.02
442375		220	1.0	0.1	0.002	0.07	0.77	23.8	<1	0.4	34.8	0.13	<0.05	0.16	0.401	<0.02
442376		90	5.5	110.0	0.003	1.54	1.27	11.6	2	2.1	15.3	0.92	0.23	2.88	0.344	2.97
442377		700	0.8	2.7	<0.002	0.22	1.02	0.7	<1	0.6	5.1	0.07	<0.05	0.43	0.021	0.05
442378		310	0.6	3.2	<0.002	0.03	0.47	0.3	<1	1.0	21.7	0.06	<0.05	0.19	0.015	0.03
442379		80	<0.5	0.3	0.002	<0.01	0.17	0.1	<1	<0.2	60.7	<0.05	<0.05	0.03	<0.005	<0.02
442380		90	0.6	0.6	<0.002	<0.01	0.23	0.2	<1	<0.2	3.7	<0.05	<0.05	0.06	<0.005	<0.02
442381		300	0.7	0.1	<0.002	0.07	0.11	1.1	<1	<0.2	18.4	0.19	<0.05	0.51	0.068	<0.02
442382		330	3.2	5.9	0.002	0.03	1.28	32.0	1	0.6	169.0	0.20	<0.05	0.25	0.606	0.18
442383		630	0.7	0.1	<0.002	0.05	0.13	0.9	<1	0.4	5.4	0.17	<0.05	1.35	0.059	<0.02
442384		420	2.4	1.4	0.002	0.17	0.76	36.1	1	0.7	242	0.22	<0.05	0.31	0.680	0.02
442386		460	4.5	8.4	0.002	0.07	0.26	35.5	1	0.5	95.3	0.32	<0.05	1.70	0.750	0.19
442387		440	3.8	2.2	0.004	0.09	0.55	36.7	<1	0.6	228	0.22	0.07	0.31	0.710	0.03
442388		530	1.3	7.9	<0.002	0.18	1.34	1.0	<1	0.8	50.0	0.07	<0.05	0.27	0.020	0.02
455017		190	1.9	123.5	0.002	0.19	0.17	8.5	1	1.2	23.6	0.48	<0.05	7.54	0.225	0.43
455018		150	8.5	173.5	<0.002	0.07	0.16	9.9	<1	1.5	30.4	0.60	0.06	10.15	0.277	0.80
455019		420	0.8	5.6	<0.002	0.06	0.10	2.1	1	0.3	15.0	0.17	<0.05	0.56	0.074	0.03

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203303

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26
	Analyte	U	V	W	Y	Zn	Zr	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
442351		0.1	9	0.3	3.2	6	3.6	0.20	<0.01	3.43	<0.01	27.06	0.05	5.45	0.80	<0.01
442352		0.4	19	1.1	18.5	4	17.7	0.26	<0.01	27.1	0.01	18.66	0.01	10.90	0.54	<0.01
442353		6.4	364	2.3	6.8	6	160.5	23.33	0.06	0.26	0.02	1.21	5.47	0.49	0.01	0.98
442354		0.2	12	0.1	2.4	18	5.3	0.40	0.01	0.85	<0.01	12.24	0.02	1.03	1.11	<0.01
442355		<0.1	6	0.1	3.4	12	1.0	0.05	<0.01	1.15	<0.01	37.58	<0.01	5.22	0.74	<0.01
442356		1.4	85	1.5	4.5	52	89.2	18.40	0.06	0.03	0.02	7.38	6.73	2.02	0.03	0.28
442357		0.1	376	0.2	25.9	90	38.8	14.03	0.01	9.54	0.03	14.14	0.10	6.53	0.22	1.57
442358		0.2	10	0.1	8.1	8	2.9	0.20	<0.01	18.10	<0.01	26.32	0.02	8.21	0.79	<0.01
442359		0.1	11	0.1	5.3	15	3.0	0.13	<0.01	2.51	<0.01	51.77	0.01	7.76	1.10	<0.01
442360		8.0	300	5.9	15.4	8	184.5	17.71	0.08	0.16	0.02	0.88	5.63	1.00	0.01	0.23
442361		0.1	8	0.1	3.3	32	3.3	0.37	<0.01	1.11	<0.01	38.81	0.10	3.71	1.69	<0.01
442362		0.2	13	0.2	9.9	38	5.5	0.29	<0.01	20.5	<0.01	25.48	0.09	10.55	0.81	<0.01
442363		0.1	387	0.1	24.7	81	32.0	13.68	0.01	8.66	0.03	13.76	0.18	7.50	0.18	2.07
442364		2.0	112	1.3	5.0	68	86.6	18.19	0.07	0.27	0.02	7.48	5.78	1.44	0.02	0.28
442365		0.2	8	0.1	7.5	4	1.8	0.16	<0.01	18.45	<0.01	18.81	0.01	10.20	0.46	<0.01
442366		0.2	25	<0.1	14.9	80	5.3	0.12	<0.01	5.46	<0.01	39.10	0.01	4.03	1.32	<0.01
442367		0.6	27	0.2	6.2	39	21.5	3.10	0.04	1.78	0.01	35.86	0.56	2.88	0.48	0.66
442368		1.7	17	0.9	10.5	31	352	6.97	0.06	9.48	<0.01	2.22	2.30	5.81	0.11	0.69
442369		<0.1	189	0.7	9.0	55	14.6	14.16	0.03	14.30	0.08	8.32	0.53	10.25	0.17	1.04
442370		1.1	78	1.3	13.3	54	98.8	8.44	0.08	6.41	0.01	15.98	3.37	5.78	0.43	2.57
442371		0.2	17	0.1	10.4	13	3.7	0.26	<0.01	3.31	<0.01	38.33	0.07	2.70	1.77	0.01
442372		0.2	35	0.1	11.6	108	6.0	0.19	<0.01	1.48	<0.01	45.72	0.06	2.45	1.54	<0.01
442373		0.1	14	0.2	8.1	14	3.8	0.23	<0.01	1.52	<0.01	48.14	0.07	3.78	1.58	<0.01
442374		0.1	59	0.1	10.9	45	2.5	0.12	<0.01	6.50	<0.01	45.78	0.03	2.92	1.35	<0.01
442375		<0.1	201	0.1	13.0	85	22.8	12.37	0.01	6.54	0.02	13.13	<0.01	14.15	0.19	1.53
442376		3.3	123	1.3	9.2	6	145.0	9.54	0.05	0.12	0.01	1.36	3.15	0.64	0.03	0.10
442377		0.4	21	0.3	25.9	44	8.6	0.43	<0.01	0.49	<0.01	44.09	0.14	5.22	0.86	0.03
442378		0.2	57	0.2	10.6	13	4.3	0.25	0.01	1.94	0.01	52.76	0.08	3.99	2.21	0.01
442379		0.1	3	0.1	3.7	4	2.0	0.02	<0.01	18.50	<0.01	19.54	<0.01	8.08	0.89	<0.01
442380		<0.1	12	0.5	1.5	6	2.5	0.04	0.01	0.14	0.01	42.37	<0.01	1.14	0.09	<0.01
442381		0.4	39	0.1	5.0	10	15.1	0.71	<0.01	2.27	<0.01	26.13	<0.01	4.00	1.97	<0.01
442382		0.1	306	0.4	21.4	104	27.4	13.94	0.01	9.02	0.03	14.07	0.18	9.45	0.22	1.78
442383		2.2	31	0.3	4.4	22	16.4	1.18	0.01	0.32	0.01	7.66	<0.01	1.34	0.36	<0.01
442384		0.1	325	0.6	21.4	93	31.4	14.04	0.01	10.25	0.04	12.94	0.04	7.82	0.20	1.29
442386		0.5	348	0.3	22.2	80	65.4	13.90	0.01	5.96	0.03	13.06	0.26	5.77	0.45	2.68
442387		0.1	341	0.3	22.4	91	23.3	13.66	0.01	9.77	0.04	13.22	0.05	8.31	0.21	1.16
442388		0.4	23	0.2	11.3	60	6.5	0.61	<0.01	3.60	<0.01	37.96	0.16	3.60	0.86	0.08
455017		1.5	77	1.3	4.5	105	79.5	12.24	0.05	0.22	0.01	11.45	4.50	1.42	0.63	0.07
455018		2.5	82	1.3	4.7	83	108.5	15.40	0.06	0.05	0.01	6.55	5.65	1.58	0.06	0.52
455019		0.4	67	0.2	3.8	46	18.8	1.34	<0.01	1.54	<0.01	24.71	0.26	4.53	1.78	<0.01

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203303

Sample Description	Method	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	OA- GRA05x
	Analyte	P2O5	SO3	SiO2	SrO	TiO2	Total	LOI 1000
	Units	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01
442351		0.04	0.14	41.22	<0.01	0.01	99.04	20.58
442352		0.14	0.04	2.34	0.01	0.09	99.98	39.83
442353		0.02	0.25	55.39	0.01	1.38	99.99	11.02
442354		0.04	0.05	78.16	<0.01	0.04	99.09	5.06
442355		0.02	0.18	34.35	<0.01	<0.01	99.35	20.00
442356		0.04	0.41	60.51	<0.01	0.54	99.70	3.20
442357		0.10	0.16	48.84	0.02	1.27	99.56	2.86
442358		0.04	0.14	11.66	0.01	0.01	99.11	33.55
442359		0.04	0.11	4.30	<0.01	<0.01	99.29	31.48
442360		0.02	0.99	65.17	<0.01	1.59	100.55	6.96
442361		0.08	0.72	32.88	<0.01	0.02	99.49	19.86
442362		0.07	0.30	2.45	0.02	0.01	99.42	38.77
442363		0.10	0.57	48.42	0.02	1.22	99.50	2.94
442364		0.06	0.12	61.28	0.01	0.54	99.77	4.16
442365		0.03	0.10	17.28	0.02	0.01	99.48	33.91
442366		0.08	0.07	40.77	0.01	0.02	98.93	7.82
442367		0.05	0.02	49.48	0.01	0.10	98.95	3.86
442368		0.07	0.02	64.57	0.01	0.18	98.88	6.30
442369		0.03	0.02	48.76	0.02	0.41	100.25	2.05
442370		0.07	0.01	53.19	0.01	0.28	98.85	2.14
442371		0.09	0.01	46.21	<0.01	0.01	99.12	6.21
442372		0.12	0.03	34.51	<0.01	0.02	99.06	12.80
442373		0.07	0.03	19.14	<0.01	0.01	99.01	24.31
442374		0.17	0.87	22.95	0.01	0.02	98.87	18.03
442375		0.06	0.16	43.61	0.01	0.67	99.52	6.93
442376		0.03	3.79	78.02	0.01	0.78	103.70	6.02
442377		0.17	0.57	40.26	<0.01	0.03	99.09	6.73
442378		0.08	0.08	36.09	0.01	0.03	100.60	2.86
442379		0.03	0.02	19.84	<0.01	<0.01	99.13	32.12
442380		0.03	0.02	55.68	<0.01	<0.01	98.72	-0.83
442381		0.08	0.20	46.43	<0.01	0.11	98.91	16.86
442382		0.08	0.08	46.99	0.02	1.02	100.20	3.17
442383		0.14	0.15	85.21	<0.01	0.10	99.81	3.30
442384		0.10	0.43	47.08	0.02	1.10	98.83	3.32
442386		0.11	0.20	48.15	0.01	1.20	99.23	7.31
442387		0.10	0.25	47.82	0.02	1.16	99.16	3.23
442388		0.12	0.53	34.00	<0.01	0.03	99.38	17.73
455017		0.04	0.49	63.58	<0.01	0.39	99.50	4.30
455018		0.03	0.16	66.09	<0.01	0.46	99.16	2.48
455019		0.09	0.17	47.98	<0.01	0.12	99.61	16.95

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203303

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
455020		0.87	0.001	0.04	0.43	0.9	10	0.15	0.02	4.27	0.18	15.50	7.5	47	0.07	43.1

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

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Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203303

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
455020		7.58	2.27	<0.05	0.5	<0.005	0.020	0.04	8.7	4.3	2.64	2980	1.05	0.01	4.7	44.7

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

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Project: KAN

CERTIFICATE OF ANALYSIS VO17203303

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
455020		540	1.5	1.5	<0.002	0.09	0.11	1.7	<1	<0.2	61.2	0.33	<0.05	0.82	0.116	<0.02

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

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CERTIFICATE OF ANALYSIS VO17203303

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26
	Analyte	U	V	W	Y	Zn	Zr	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
455020		0.7	20	0.1	3.9	48	19.8	0.81	<0.01	5.95	0.01	10.72	0.04	4.52	0.38	0.01

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

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Finalized Date: 17- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17203303

Sample Description	Method	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	OA- GRA05x
	Analyte	P2O5	SO3	SiO2	SrO	TiO2	Total	LOI 1000
	Units	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01
455020		0.11	0.21	63.52	0.01	0.19	99.47	12.94

Comments: ME- XRF26 High total was obtained due to partial Sulphur being reported twice (in individual data and also in LOI data). SF (Sulphur Free) Total is below 102%.

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Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17203303

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61	ME- XRF26
OA- GRA05x			

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17205893

Projet: KAN

Bon de commande #: KAN- 038

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 22- SEPT- 2017.

Les résultats sont transmis à:

SIMON HEBERT PASCAL SIMARD	SIMON HOULE JAMIE TODD	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205893

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442141		5.00	<0.001	0.02	1.09	0.6	120	0.66	0.02	0.68	0.20	17.50	4.0	20	1.72	3.3
442142		<0.02	<0.001	0.01	1.21	0.4	130	0.70	0.01	0.65	0.23	18.80	4.3	22	1.87	3.4
442143		5.15	<0.001	0.03	1.40	<0.2	160	0.81	0.04	0.69	0.24	33.3	8.2	37	2.66	27.8
442144		5.40	<0.001	0.01	1.44	0.5	170	0.72	0.03	0.75	0.25	25.3	5.6	20	2.62	8.6
442145		3.34	<0.001	0.01	1.42	0.3	180	0.90	0.01	0.96	0.30	30.5	6.6	20	3.01	6.5
442146		4.34	0.002	0.03	0.66	0.3	40	0.40	0.02	0.40	0.19	9.86	3.0	23	0.64	14.5
442147		0.06	8.29	1.62	7.83	105.0	200	3.79	5.05	1.94	4.33	27.3	18.4	60	2.56	116.0
442148		2.95	0.002	0.05	1.26	0.6	140	0.69	0.04	1.89	0.33	19.45	6.2	21	2.05	24.3
442149		4.97	0.006	0.10	1.32	0.3	160	0.69	0.18	1.13	0.29	31.2	5.7	18	2.59	19.4
442150		3.14	<0.001	0.04	1.10	0.6	140	0.49	0.05	0.62	0.21	23.6	5.2	16	2.44	27.8
442151		0.21	<0.001	0.01	0.06	0.6	100	<0.05	0.01	19.45	0.04	1.87	0.4	1	0.38	0.8
442152		3.60	<0.001	0.06	1.68	0.8	220	0.96	0.07	1.80	0.43	38.4	7.3	17	3.98	27.3
442153		3.28	0.001	0.09	2.39	0.4	300	1.37	0.23	0.63	0.35	37.8	7.8	23	5.75	30.9
442154		2.05	0.001	0.06	1.98	0.6	240	0.97	0.13	0.68	0.25	36.8	6.4	21	4.42	34.1
442155		2.10	0.004	19.80	0.07	2.5	10	0.07	8.62	0.11	0.21	1.01	29.6	9	0.07	297
442156		0.07	1.295	1.04	7.90	96.4	120	4.43	2.97	2.16	2.56	23.0	18.1	61	2.56	58.8
442157		3.51	0.001	0.01	0.33	0.3	10	0.27	0.01	2.51	0.09	9.85	3.2	7	0.52	1.2
442158		5.12	<0.001	0.04	0.34	0.5	10	0.29	0.05	1.73	0.10	264	4.5	9	0.45	4.0
442159		5.55	0.001	0.08	0.33	0.4	10	0.24	0.03	1.56	0.10	11.40	6.0	9	0.46	7.1
442160		5.51	0.112	0.02	0.16	0.4	<10	0.16	0.03	0.49	0.08	9.78	3.4	10	0.14	3.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205893

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
442141		16.30	2.63	0.05	0.4	0.008	0.019	0.29	9.5	7.6	1.28	3440	0.10	0.44	1.6	6.3
442142		17.60	2.94	0.06	0.4	0.008	0.025	0.31	10.1	8.5	1.40	3650	0.08	0.49	1.7	6.8
442143		20.8	3.82	0.08	0.5	0.009	0.024	0.41	17.8	8.5	1.70	4840	0.47	0.39	2.2	9.6
442144		20.6	3.69	0.06	0.5	0.009	0.032	0.42	14.4	11.0	1.81	4420	0.06	0.37	2.2	9.0
442145		20.8	3.63	0.07	0.5	0.010	0.038	0.48	18.4	11.5	1.89	4780	0.12	0.47	2.7	9.2
442146		8.11	1.43	<0.05	0.2	0.006	0.025	0.15	5.3	3.4	0.68	2120	0.55	0.40	0.8	4.2
442147		5.45	24.7	0.08	1.6	0.020	0.178	4.55	12.9	2.5	1.53	426	1.43	3.33	14.2	64.6
442148		16.30	3.22	0.06	0.4	0.011	0.050	0.38	10.3	9.4	1.41	4310	0.76	0.54	1.6	8.2
442149		19.95	3.39	0.10	0.5	0.012	0.038	0.51	17.8	11.2	1.49	5970	0.29	0.55	1.9	8.3
442150		13.70	2.91	0.06	0.4	0.009	0.028	0.44	12.9	10.2	1.03	2740	0.22	0.30	1.2	6.5
442151		0.25	0.24	<0.05	0.1	0.012	<0.005	0.03	0.9	7.0	12.55	381	0.05	0.02	0.1	0.3
442152		21.3	4.47	0.08	0.7	0.015	0.059	0.66	23.4	13.1	1.67	4410	0.24	0.62	2.7	8.7
442153		22.7	6.15	0.09	0.9	0.014	0.057	0.82	21.0	16.8	1.82	4110	0.54	0.73	4.3	13.9
442154		17.25	5.87	0.08	0.7	0.013	0.034	0.63	21.4	17.3	1.63	3430	0.29	0.21	3.3	13.0
442155		8.88	0.15	<0.05	<0.1	0.007	0.005	0.02	<0.5	0.4	0.03	380	0.12	0.03	0.2	43.6
442156		5.09	23.7	0.12	1.7	0.011	0.103	3.99	11.1	2.5	1.65	440	1.33	3.44	13.8	65.6
442157		23.9	1.44	0.07	0.2	0.017	0.012	0.05	6.0	4.1	4.13	8920	0.40	<0.01	1.2	2.5
442158		24.6	2.68	0.29	0.2	0.020	0.012	0.06	169.5	3.6	3.80	8490	0.56	<0.01	1.6	5.2
442159		25.0	1.39	0.08	0.2	0.012	0.011	0.04	7.3	2.9	3.62	8300	0.50	<0.01	1.3	7.2
442160		22.2	0.74	0.06	0.1	0.012	0.008	0.01	6.4	0.8	2.18	8200	0.43	<0.01	0.9	2.3

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205893

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
442141		860	4.4	15.9	<0.002	0.01	0.12	1.8	<1	0.4	71.1	0.13	<0.05	2.29	0.037	0.13
442142		870	3.0	17.8	<0.002	0.01	0.09	1.9	<1	0.4	75.6	0.14	<0.05	2.45	0.040	0.15
442143		1610	4.2	24.9	<0.002	0.21	0.08	2.4	<1	0.6	65.7	0.17	0.10	3.12	0.050	0.21
442144		800	3.5	25.8	<0.002	0.06	0.07	2.4	<1	0.6	63.4	0.17	<0.05	3.20	0.051	0.22
442145		1390	2.7	30.0	<0.002	0.05	0.07	2.5	<1	0.6	84.4	0.16	<0.05	3.30	0.054	0.26
442146		510	3.8	7.5	<0.002	0.14	0.14	1.1	<1	0.2	51.6	0.06	<0.05	1.32	0.020	0.07
442147		910	184.0	449	0.003	3.23	2.15	4.8	5	1.2	250	0.89	0.83	1.31	0.455	1.80
442148		750	4.5	22.6	<0.002	0.24	0.10	2.2	<1	0.5	139.0	0.14	0.06	2.69	0.041	0.24
442149		1640	6.3	30.7	<0.002	0.19	0.11	2.4	<1	0.6	88.1	0.16	0.43	3.22	0.049	0.31
442150		1000	3.9	27.6	<0.002	0.22	0.09	1.8	1	0.4	47.7	0.13	<0.05	2.42	0.036	0.28
442151		50	1.2	0.9	<0.002	<0.01	0.11	0.3	<1	<0.2	145.5	<0.05	<0.05	0.13	<0.005	0.04
442152		3270	6.7	40.0	<0.002	0.20	0.07	2.7	<1	0.8	132.5	0.28	0.07	3.88	0.059	0.39
442153		910	11.2	51.5	<0.002	0.25	0.09	3.8	<1	1.1	95.4	0.30	0.09	5.58	0.085	0.47
442154		1030	4.0	39.6	<0.002	0.26	0.10	3.3	1	0.9	60.5	0.24	0.09	4.58	0.073	0.33
442155		450	686	0.8	0.004	4.15	0.26	0.2	6	<0.2	7.1	<0.05	15.10	0.06	0.006	<0.02
442156		960	156.5	379	0.002	2.65	1.57	5.0	3	1.2	261	1.32	0.51	1.54	0.483	1.45
442157		320	1.2	2.6	<0.002	0.05	0.10	0.6	<1	0.3	33.3	0.08	<0.05	0.31	0.016	0.16
442158		420	3.5	2.5	<0.002	0.44	0.11	0.8	1	0.2	24.3	0.10	0.05	3.22	0.024	0.13
442159		370	0.9	2.2	0.002	0.98	0.08	0.7	1	0.2	21.6	0.08	0.08	0.35	0.018	0.14
442160		370	0.8	0.5	<0.002	0.37	0.07	0.4	<1	<0.2	5.5	0.06	0.05	0.22	0.010	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205893

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442141		0.4	17	0.1	5.8	45	13.6
442142		0.4	18	0.1	5.9	49	14.9
442143		0.5	22	0.1	7.9	53	18.1
442144		0.5	21	0.1	5.8	81	18.5
442145		0.5	22	0.1	8.3	101	19.5
442146		0.3	9	0.1	3.1	58	7.0
442147		0.8	58	0.5	6.3	350	71.3
442148		0.5	16	0.2	5.6	133	15.1
442149		0.6	20	0.2	8.3	132	18.6
442150		0.4	14	0.2	5.9	112	13.2
442151		0.2	2	0.1	1.3	11	1.8
442152		0.7	20	0.2	14.8	188	25.6
442153		0.9	30	0.2	7.4	194	32.8
442154		0.8	26	0.1	7.1	114	26.9
442155		<0.1	<1	0.1	2.1	5	<0.5
442156		0.8	61	0.8	6.3	220	73.5
442157		0.4	25	0.1	5.2	24	7.5
442158		0.9	28	0.2	9.1	24	9.5
442159		0.5	24	0.1	4.8	27	7.7
442160		0.3	14	0.1	3.7	21	5.4

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CERTIFICAT D'ANALYSE VO17205893

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 12- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17205918

Projet: KAN

Bon de commande #: KAN- 034

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 22- SEPT- 2017.

Les résultats sont transmis à:

SIMON HEBERT PASCAL SIMARD	SIMON HOULE JAMIE TODD	LEE SCHOLL

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 12- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205918

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442061		3.75	<0.001	0.01	0.08	4.2	<10	0.18	0.01	4.86	0.02	6.22	1.7	7	<0.05	1.3
442062		<0.02	<0.001	0.01	0.09	5.0	<10	0.20	0.01	5.21	<0.02	6.72	1.8	7	<0.05	1.5
442063		3.43	<0.001	0.14	2.56	0.2	270	0.75	0.19	0.73	0.44	32.4	9.7	26	8.13	17.0
442064		2.55	<0.001	0.09	1.82	0.3	170	0.65	0.08	0.79	0.48	27.7	7.1	21	4.63	40.8
442065		4.14	0.015	0.13	1.58	0.2	170	0.57	0.13	0.71	0.51	20.1	9.1	19	4.04	108.5
442066		2.10	<0.001	0.12	1.26	0.5	140	0.52	0.09	0.39	0.33	21.7	6.2	21	3.40	74.1
442067		0.06	8.47	1.62	8.15	108.5	210	4.36	3.62	1.99	4.56	28.5	18.5	62	2.77	121.5
442068		2.91	0.001	0.03	1.92	0.3	180	0.89	0.10	0.57	0.26	24.7	5.8	21	4.06	12.5
442069		1.71	<0.001	0.02	1.66	<0.2	220	0.78	0.03	0.79	0.19	28.1	5.3	21	3.38	15.0
442070		2.41	0.006	0.15	2.32	8.4	150	1.02	0.25	1.14	0.40	33.8	9.2	32	3.78	51.8
442071		2.76	0.007	0.24	3.19	24.8	250	1.52	0.23	0.98	0.66	42.8	16.8	42	3.30	69.5
442072		3.46	0.015	0.52	5.09	34.2	400	2.12	0.49	1.37	0.83	60.8	15.2	55	3.48	150.0
442073		2.59	0.005	0.13	2.78	16.7	260	1.23	0.19	6.41	0.34	42.4	11.1	29	2.26	38.6
442074		2.80	0.011	0.27	2.93	38.7	230	1.45	0.41	1.02	0.68	43.2	11.5	38	3.44	98.5
442075		2.63	0.014	0.35	4.01	0.9	260	1.20	0.52	0.52	0.38	52.0	13.1	51	7.41	109.5
442076		0.12	1.320	1.27	8.03	110.5	120	4.73	2.87	2.25	2.74	27.0	19.6	68	2.87	63.5
442077		3.03	0.005	0.12	2.42	2.0	110	0.54	0.20	4.28	1.26	17.25	5.2	26	2.93	45.7
442078		2.49	0.046	0.21	2.56	0.8	120	0.94	0.16	0.62	2.64	27.0	8.9	28	2.96	98.9
442079		3.09	0.042	0.06	1.65	0.2	160	0.75	0.06	0.89	0.37	23.4	6.6	18	3.99	19.9
442080		5.01	0.307	0.20	1.55	0.2	160	0.58	0.05	1.87	0.36	33.5	6.3	17	3.06	22.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 12- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205918

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
442061		10.25	0.40	<0.05	<0.1	<0.005	0.005	0.01	4.0	2.3	2.85	2480	0.29	<0.01	0.5	1.6
442062		10.60	0.44	<0.05	0.1	<0.005	<0.005	0.01	4.4	2.5	2.98	2580	0.27	<0.01	0.5	1.6
442063		18.45	6.57	0.07	0.9	<0.005	0.043	1.12	19.1	30.8	2.28	2670	0.62	0.01	4.1	19.8
442064		17.00	4.53	0.06	0.7	<0.005	0.048	0.60	15.9	17.9	1.61	3470	0.42	0.04	2.7	14.4
442065		18.65	3.99	0.05	0.6	<0.005	0.041	0.57	11.5	15.2	1.36	3960	0.25	0.02	2.5	20.6
442066		17.25	3.33	0.05	0.5	<0.005	0.031	0.36	12.3	9.8	0.69	2820	0.25	0.02	2.1	11.7
442067		5.53	25.4	0.08	1.7	0.015	0.211	4.53	14.2	3.3	1.60	435	1.45	3.37	14.8	66.2
442068		21.7	4.57	0.06	0.6	<0.005	0.031	0.48	14.5	18.0	1.64	4150	0.29	0.11	2.4	10.3
442069		19.35	4.21	0.06	0.5	<0.005	0.029	0.42	16.5	15.7	1.55	3620	0.53	0.11	2.4	9.4
442070		17.95	5.79	0.06	0.8	<0.005	0.036	0.69	20.3	21.6	1.74	2770	0.53	0.01	3.4	19.7
442071		18.55	8.37	0.09	1.1	<0.005	0.044	1.38	26.6	35.5	1.42	3010	2.05	0.08	4.5	33.2
442072		15.30	12.80	0.11	1.8	<0.005	0.060	2.84	33.5	48.8	1.64	1700	3.75	0.49	6.5	72.3
442073		11.80	7.21	0.06	1.1	<0.005	0.035	1.28	26.2	29.8	2.37	7120	1.19	0.21	3.8	23.8
442074		18.30	7.37	0.08	1.1	<0.005	0.043	0.82	26.4	24.1	1.46	3430	1.69	0.38	4.0	33.3
442075		17.30	10.05	0.07	1.4	<0.005	0.046	1.06	29.5	31.7	2.10	948	2.26	<0.01	5.8	37.9
442076		5.26	25.6	0.07	1.8	0.010	0.104	4.07	13.0	3.2	1.74	455	1.39	3.54	16.0	73.0
442077		14.60	6.94	<0.05	0.7	<0.005	0.033	0.42	9.6	18.0	1.70	2850	0.51	0.02	2.3	14.2
442078		26.7	5.91	0.11	0.8	0.006	0.060	0.29	15.3	14.1	1.22	5150	0.73	<0.01	1.9	18.3
442079		21.2	4.34	0.05	0.6	0.006	0.044	0.35	13.6	13.1	1.03	5080	0.52	0.03	2.2	10.4
442080		20.9	3.75	0.12	0.6	<0.005	0.028	0.45	15.7	10.8	1.82	6380	0.21	0.28	2.1	10.4

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Finalisée date: 12- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205918

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
442061		180	0.6	0.3	<0.002	0.05	0.09	0.2	<1	<0.2	85.4	<0.05	<0.05	0.17	<0.005	<0.02
442062		180	0.7	0.4	<0.002	0.05	0.07	0.2	<1	<0.2	89.4	<0.05	<0.05	0.20	<0.005	<0.02
442063		340	6.3	69.6	0.002	0.32	0.09	4.2	<1	1.3	33.5	0.34	0.22	5.93	0.089	0.68
442064		680	4.4	40.3	<0.002	0.76	0.09	3.0	1	0.8	40.6	0.23	0.16	4.00	0.060	0.44
442065		800	6.9	38.0	<0.002	1.52	0.11	2.6	1	0.7	33.5	0.23	0.34	3.60	0.056	0.42
442066		1020	4.6	27.1	<0.002	0.59	0.13	2.2	1	0.6	29.2	0.18	0.27	3.11	0.047	0.28
442067		910	181.5	470	0.003	3.33	1.99	5.1	3	1.3	254	0.93	0.92	1.59	0.468	1.90
442068		1030	6.3	29.5	<0.002	0.12	0.11	2.8	<1	0.7	40.7	0.20	0.09	3.78	0.063	0.26
442069		1280	2.3	24.0	<0.002	0.15	0.09	2.5	<1	0.6	47.9	0.18	0.06	3.36	0.059	0.20
442070		930	8.4	41.6	0.003	0.68	0.16	3.7	1	0.9	41.4	0.25	0.19	4.61	0.086	0.44
442071		1770	10.6	76.2	0.006	1.73	0.40	5.1	2	1.1	43.5	0.33	0.20	5.97	0.117	0.95
442072		1060	31.8	123.5	0.014	6.51	0.58	8.1	3	1.8	68.6	0.49	0.34	9.67	0.184	1.43
442073		360	10.7	61.6	0.004	0.94	0.20	4.7	1	0.8	176.0	0.27	0.21	5.63	0.100	0.69
442074		1380	15.3	53.7	0.004	0.93	0.26	4.8	2	1.0	49.4	0.30	0.34	5.73	0.106	0.56
442075		1390	18.7	69.9	0.012	2.47	0.18	6.3	3	1.5	28.4	0.45	0.35	8.18	0.149	0.67
442076		990	153.5	363	0.002	2.75	1.65	5.5	4	1.2	265	1.11	0.58	1.50	0.498	1.52
442077		1640	14.2	29.1	0.003	0.49	0.10	3.5	1	0.7	154.5	0.17	0.17	2.71	0.062	0.28
442078		1310	9.2	21.9	<0.002	0.29	0.12	3.5	1	0.5	38.3	0.16	0.18	3.93	0.051	0.27
442079		1150	5.8	25.1	<0.002	0.14	0.14	2.6	1	0.6	59.4	0.18	0.12	3.60	0.052	0.25
442080		1380	5.0	23.7	<0.002	0.35	0.32	2.2	<1	0.5	128.5	0.17	0.08	3.69	0.054	0.24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: KAN

CERTIFICAT D'ANALYSE VO17205918

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442061		0.3	6	0.1	4.8	4	2.6
442062		0.3	7	0.2	5.1	4	2.9
442063		1.1	33	0.2	4.6	112	33.4
442064		0.6	23	0.1	5.2	126	25.0
442065		0.6	23	0.1	5.2	120	21.1
442066		0.5	22	0.1	6.0	86	16.9
442067		1.0	61	0.5	6.9	362	72.5
442068		0.6	26	0.1	6.8	46	22.1
442069		0.6	26	0.1	7.9	32	20.8
442070		1.3	47	0.3	7.1	73	30.0
442071		2.2	82	0.9	11.8	113	41.2
442072		4.2	120	2.6	11.2	156	62.1
442073		1.8	57	0.8	9.8	89	42.5
442074		2.3	76	0.8	10.9	123	38.1
442075		3.1	91	0.3	9.0	146	52.0
442076		0.7	64	1.2	7.1	230	78.5
442077		1.0	43	0.1	11.4	130	27.4
442078		0.8	27	0.1	9.3	413	31.8
442079		0.6	26	0.1	8.4	68	21.1
442080		0.5	22	0.1	8.2	62	18.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17205918

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205920

Project: KAN

P.O. No.: KAN- 039

This report is for 20 Rock samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

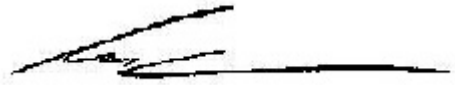
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205920

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
442161		4.39	0.003	0.10	0.33	0.2	10	0.17	0.05	1.60	0.13	12.15	6.6	10	0.67	11.0
442162		<0.02	0.001	0.11	0.33	0.3	10	0.21	0.05	1.56	0.12	11.60	6.6	12	0.69	12.6
442163		2.21	0.002	0.17	0.12	0.6	10	0.08	0.03	0.27	0.06	1.48	8.1	11	0.20	19.6
442164		2.42	0.002	0.06	0.27	0.3	10	0.18	0.03	3.87	0.15	12.50	5.6	7	0.40	5.1
442165		6.10	0.001	0.02	0.12	0.5	10	0.20	0.03	3.35	0.11	12.20	4.3	8	0.20	2.6
442166		4.78	0.003	0.05	0.07	0.2	10	0.17	0.01	7.25	0.14	5.29	4.0	3	0.08	4.2
442167		0.13	8.48	1.82	7.83	112.0	210	3.82	3.73	1.95	4.12	27.7	19.4	61	2.75	118.5
442168		5.33	0.002	0.01	0.07	0.2	<10	0.23	0.01	3.45	0.06	11.35	3.2	6	0.08	1.3
442169		5.09	0.003	0.09	0.13	0.2	10	0.14	0.03	4.52	0.12	9.24	5.6	7	0.26	10.8
442170		4.40	0.023	0.20	0.31	0.3	10	0.14	0.05	1.28	0.11	9.14	9.2	11	0.77	17.1
442171		0.27	0.002	<0.01	0.05	<0.2	10	0.07	0.01	33.3	<0.02	1.18	0.5	1	<0.05	1.0
442172		4.76	0.156	0.04	0.18	0.2	10	0.20	0.04	3.04	0.10	15.00	4.4	13	0.62	4.2
442173		3.50	0.001	0.02	0.10	0.5	10	0.22	0.02	4.58	0.11	9.32	3.9	4	0.15	1.3
442174		4.53	<0.001	0.03	0.29	<0.2	10	0.14	0.02	4.27	0.16	10.05	4.4	8	0.50	3.1
442175		4.34	<0.001	0.02	0.22	0.3	10	0.14	0.01	4.25	0.19	7.29	2.6	12	0.58	2.4
442176		0.07	1.295	1.09	7.95	103.0	120	4.47	3.00	2.24	2.48	26.3	19.7	64	2.66	60.2
442177		4.98	0.002	0.01	0.15	0.5	10	0.16	0.02	6.63	0.20	8.80	2.8	6	0.31	2.1
442178		5.68	<0.001	0.01	0.09	<0.2	10	0.14	0.01	4.73	0.18	7.01	2.8	6	0.18	1.2
442179		5.22	0.002	0.04	0.12	0.3	<10	0.16	0.01	3.75	0.08	16.15	4.1	1	0.14	2.4
442180		4.64	0.001	0.05	0.23	<0.2	10	0.19	0.01	2.11	0.09	9.59	4.7	7	0.73	2.9

***** See Appendix Page for comments regarding this certificate *****

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205920

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
442161		24.4	1.33	0.05	0.2	0.017	0.014	0.08	6.8	2.0	2.70	7670	0.50	<0.01	1.5	6.4
442162		22.9	1.36	0.05	0.2	0.016	0.012	0.09	6.5	2.0	2.57	7080	0.51	<0.01	1.3	6.7
442163		10.95	0.49	<0.05	<0.1	0.011	0.007	0.06	0.9	0.8	0.81	2500	0.20	<0.01	0.4	9.9
442164		22.4	1.06	0.05	0.1	0.016	0.011	0.07	7.1	2.0	3.60	8350	0.20	<0.01	0.9	3.8
442165		24.8	0.60	0.06	0.1	0.014	<0.005	0.03	7.3	1.1	3.68	8470	0.18	<0.01	0.7	2.8
442166		21.1	0.40	0.05	0.1	0.017	0.015	0.03	3.2	0.9	4.27	7860	0.17	<0.01	0.4	3.3
442167		5.58	25.5	0.08	1.6	0.019	0.161	4.76	13.1	2.4	1.62	453	1.49	3.39	14.7	67.5
442168		21.2	0.46	0.05	<0.1	0.010	<0.005	0.01	6.8	0.8	3.21	7470	0.18	<0.01	0.5	2.4
442169		17.95	0.59	<0.05	0.1	0.013	0.007	0.04	5.6	1.1	3.06	5600	0.26	<0.01	0.5	6.3
442170		23.3	1.27	0.05	0.2	0.015	0.016	0.12	5.5	1.9	2.75	6510	0.47	<0.01	1.2	9.9
442171		0.36	0.17	<0.05	<0.1	0.017	0.005	0.01	1.3	0.7	2.47	236	<0.05	0.03	0.1	<0.2
442172		24.9	0.85	0.05	0.1	0.019	0.011	0.09	9.2	1.3	3.76	8680	0.22	<0.01	1.2	3.2
442173		20.4	0.54	<0.05	<0.1	0.016	<0.005	0.02	5.7	1.0	3.34	6820	0.24	<0.01	0.5	3.1
442174		18.80	1.31	0.05	0.1	0.013	0.010	0.08	6.1	1.9	3.12	6530	0.28	<0.01	1.1	3.5
442175		15.40	0.91	<0.05	0.1	0.014	0.013	0.09	4.3	1.7	2.67	5690	0.27	<0.01	1.1	3.0
442176		5.31	24.7	0.07	1.7	0.010	0.099	4.23	11.9	2.5	1.76	475	1.43	3.62	15.9	71.8
442177		22.2	0.71	0.05	0.1	0.018	0.010	0.05	4.9	1.4	4.22	7410	0.21	0.01	0.6	2.8
442178		21.8	0.53	0.05	<0.1	0.014	0.012	0.03	3.9	0.9	3.73	7270	0.16	<0.01	0.5	2.4
442179		25.1	0.77	0.07	0.1	0.011	0.005	0.01	8.6	1.0	3.63	7730	0.13	<0.01	0.7	3.3
442180		23.7	1.04	0.05	0.2	0.013	0.007	0.05	5.8	1.9	3.36	6370	0.61	<0.01	1.5	3.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205920

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
442161		380	1.0	4.5	<0.002	1.15	0.08	0.7	1	<0.2	21.8	0.11	0.07	0.32	0.021	0.23
442162		390	0.8	4.7	<0.002	1.31	0.08	0.7	1	<0.2	21.8	0.10	0.09	0.31	0.019	0.25
442163		100	0.6	2.1	<0.002	2.11	0.08	0.2	2	<0.2	4.6	<0.05	0.11	0.04	<0.005	0.08
442164		320	1.0	3.1	<0.002	0.74	0.08	0.6	1	<0.2	43.5	0.06	0.05	0.21	0.013	0.15
442165		380	0.8	1.3	<0.002	0.31	0.07	0.3	1	<0.2	38.2	<0.05	<0.05	0.13	0.007	0.07
442166		210	1.4	1.0	<0.002	0.52	0.06	0.3	<1	<0.2	72.8	<0.05	<0.05	0.07	0.005	0.03
442167		930	196.0	500	0.003	3.32	1.99	4.8	3	1.2	254	1.02	1.05	1.43	0.476	1.98
442168		340	1.0	0.5	<0.002	0.07	0.06	0.2	<1	<0.2	31.2	<0.05	<0.05	0.11	0.005	0.03
442169		350	1.2	1.8	<0.002	1.04	0.08	0.3	1	<0.2	52.1	<0.05	0.05	0.12	0.006	0.09
442170		380	0.8	5.7	<0.002	1.85	0.07	0.6	1	<0.2	20.3	0.10	0.12	0.25	0.016	0.28
442171		90	<0.5	0.2	<0.002	<0.01	0.05	0.2	<1	<0.2	80.8	<0.05	<0.05	0.06	<0.005	<0.02
442172		360	0.8	4.1	<0.002	0.44	0.06	0.6	<1	<0.2	34.4	0.07	<0.05	0.26	0.015	0.21
442173		150	1.0	0.9	<0.002	0.13	0.07	0.3	<1	<0.2	48.4	<0.05	<0.05	0.11	<0.005	0.04
442174		260	1.3	3.6	<0.002	0.34	0.07	0.6	<1	<0.2	56.9	0.07	<0.05	0.20	0.013	0.20
442175		310	1.3	4.1	<0.002	0.26	0.07	0.5	<1	<0.2	65.4	0.07	<0.05	0.18	0.019	0.21
442176		1010	193.0	391	0.003	2.76	1.65	5.1	4	1.1	267	1.12	0.52	1.40	0.507	1.43
442177		280	1.7	2.2	<0.002	0.16	0.07	0.4	<1	<0.2	74.5	<0.05	<0.05	0.12	0.007	0.10
442178		270	1.0	1.3	<0.002	0.12	0.06	0.4	<1	<0.2	55.4	<0.05	<0.05	0.07	<0.005	0.06
442179		520	0.6	0.6	<0.002	0.28	0.05	0.4	<1	<0.2	35.4	0.05	<0.05	0.19	<0.005	0.03
442180		250	0.6	2.6	<0.002	0.30	0.06	0.5	<1	<0.2	29.0	0.10	<0.05	0.26	0.014	0.14

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205920

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
442161		0.4	21	0.1	4.8	43	9.8
442162		0.4	21	0.1	4.7	42	8.8
442163		0.2	7	<0.1	1.5	17	2.2
442164		0.2	17	0.1	5.3	43	5.7
442165		0.2	11	0.1	5.5	25	3.7
442166		0.1	8	0.1	6.1	33	3.0
442167		0.9	60	0.5	6.4	329	73.4
442168		0.1	8	0.1	4.7	13	2.6
442169		0.1	11	0.1	5.8	25	2.9
442170		0.3	21	0.1	4.2	42	7.4
442171		0.1	1	<0.1	2.3	3	1.3
442172		0.4	17	0.1	5.2	32	7.3
442173		0.1	11	0.1	5.1	16	2.5
442174		0.4	20	0.1	5.7	36	4.8
442175		0.4	15	0.1	6.4	33	5.6
442176		0.7	64	0.6	6.7	231	76.7
442177		0.3	10	0.1	7.0	32	3.6
442178		0.3	6	0.1	6.0	32	2.0
442179		0.2	11	<0.1	5.9	20	4.4
442180		0.2	18	0.1	4.3	28	7.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205920

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

CERTIFICATE VO17205925

Project: KAN

P.O. No.: KAN- 040

This report is for 20 Rock samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

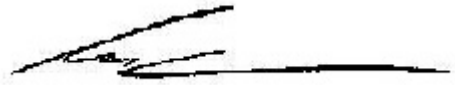
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205925

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
442181		5.84	0.101	0.02	0.21	0.5	10	0.19	0.02	5.05	0.17	9.81	3.7	9	0.63	2.6
442182		<0.02	0.023	0.02	0.20	0.2	10	0.20	0.02	4.50	0.12	8.51	3.8	6	0.56	2.4
442183		3.20	0.002	0.10	0.19	<0.2	10	0.35	0.04	3.86	0.13	10.25	6.6	5	0.22	12.3
442184		4.39	0.004	0.01	0.08	0.4	<10	0.35	0.02	3.57	0.05	6.33	3.1	11	0.09	1.6
442185		3.20	<0.001	0.01	0.09	0.2	10	0.21	0.02	4.14	0.05	10.10	3.4	4	0.08	1.7
442186		5.02	0.014	0.03	0.07	0.2	<10	0.16	0.02	4.38	0.07	10.55	3.8	4	0.09	2.9
442187		0.12	8.35	1.87	7.99	107.5	210	3.97	3.90	1.98	4.47	27.4	18.8	59	2.76	118.5
442188		3.64	0.004	0.03	0.20	0.9	10	0.22	0.04	2.07	0.08	9.93	4.9	7	0.29	3.9
442189		4.64	0.003	0.03	0.21	0.4	10	0.22	0.03	1.36	0.07	10.15	4.7	8	0.35	3.4
442190		4.77	0.003	0.16	0.19	0.5	10	0.17	0.06	1.51	0.09	9.47	13.1	7	0.57	20.6
442191		0.22	0.001	<0.01	0.06	0.2	10	0.07	0.01	32.7	0.02	1.45	0.6	1	<0.05	1.1
442192		5.42	0.002	0.02	0.21	0.2	<10	0.28	0.04	3.12	0.07	8.81	5.1	9	0.16	2.9
442193		4.09	<0.001	0.01	0.12	0.5	<10	0.19	0.02	2.13	0.05	10.75	3.7	5	0.05	1.5
442194		5.47	<0.001	0.03	0.14	0.2	<10	0.14	0.01	4.05	0.15	9.35	3.0	11	0.05	3.0
442195		4.16	<0.001	0.01	0.14	0.3	10	0.10	<0.01	2.67	0.09	3.53	1.3	11	0.09	0.7
442196		0.06	1.290	1.12	7.92	100.0	110	4.44	2.95	2.17	2.68	22.9	18.2	59	2.53	57.3
442197		4.96	0.002	0.08	0.25	0.5	10	0.17	0.04	3.47	0.13	5.88	7.5	10	0.56	9.9
442198		9.49	<0.001	0.02	0.18	0.4	10	0.17	0.01	3.57	0.09	7.43	3.6	8	0.43	1.3
442199		3.83	0.006	0.11	0.19	0.5	10	0.25	0.03	3.60	0.10	12.70	6.6	7	0.25	11.9
442200		1.17	<0.001	0.03	0.07	2.6	10	0.10	0.02	0.41	0.06	3.73	2.7	12	0.25	3.8

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205925

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
442181		22.3	0.85	0.06	0.1	0.115	0.008	0.06	6.0	1.9	4.30	6480	0.57	0.01	1.1	4.8
442182		21.6	0.80	0.05	0.1	0.018	0.007	0.05	5.2	1.8	4.07	6260	0.51	<0.01	1.1	2.6
442183		21.6	0.74	0.06	0.1	0.015	0.007	0.02	6.5	1.4	3.55	7120	0.19	<0.01	0.5	6.7
442184		18.75	0.42	0.05	<0.1	0.011	<0.005	0.01	4.1	0.7	3.55	5750	0.31	<0.01	0.5	2.2
442185		24.5	0.46	0.06	0.1	0.014	<0.005	0.02	6.5	0.8	4.07	8170	0.18	<0.01	0.9	2.2
442186		21.7	0.39	0.06	<0.1	0.013	<0.005	0.01	6.7	0.8	3.74	7590	0.22	<0.01	0.5	2.3
442187		5.72	25.1	0.10	1.7	0.018	0.168	4.72	13.1	2.4	1.63	458	1.54	3.39	13.8	66.6
442188		26.0	0.89	0.07	0.1	0.016	0.007	0.04	6.3	1.2	3.26	8110	0.28	<0.01	1.0	4.2
442189		27.0	1.03	0.08	0.1	0.013	0.006	0.03	6.3	1.2	3.04	8110	0.33	<0.01	1.3	3.6
442190		26.7	0.78	0.07	0.1	0.017	0.007	0.05	6.0	1.1	3.13	7570	0.28	<0.01	1.1	13.8
442191		0.29	0.22	<0.05	<0.1	0.014	0.005	0.01	1.4	1.0	3.08	214	<0.05	0.03	0.1	<0.2
442192		21.8	1.18	0.05	0.1	0.012	0.006	0.02	5.3	0.7	3.29	6300	0.39	<0.01	1.6	4.6
442193		22.6	0.69	0.06	0.1	0.012	<0.005	0.01	6.3	0.7	3.22	6920	0.26	<0.01	1.2	2.8
442194		17.70	0.62	0.05	<0.1	0.014	0.005	0.01	5.6	1.1	3.22	6000	0.16	<0.01	0.4	2.2
442195		8.44	0.54	<0.05	<0.1	0.009	0.005	0.02	2.1	1.4	1.69	3060	0.15	<0.01	0.2	1.1
442196		5.10	23.5	0.09	1.7	0.013	0.094	3.98	10.8	2.4	1.66	444	1.40	3.41	14.1	66.5
442197		20.5	0.94	0.05	0.1	0.015	0.008	0.05	3.6	1.7	3.35	5830	0.35	<0.01	0.9	7.1
442198		21.4	0.79	0.05	0.1	0.010	0.005	0.03	4.5	1.5	3.40	5960	0.55	<0.01	1.1	3.0
442199		22.4	0.95	0.06	0.1	0.048	0.009	0.03	8.5	1.5	3.54	8820	0.65	<0.01	0.9	8.5
442200		8.64	0.32	<0.05	0.1	0.005	<0.005	0.04	2.3	0.7	0.87	2550	0.31	<0.01	0.5	3.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205925

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
442181		350	1.8	2.6	0.002	0.19	0.08	0.4	<1	<0.2	63.6	0.07	<0.05	0.32	0.012	0.14
442182		330	1.4	2.3	<0.002	0.17	0.07	0.4	1	<0.2	57.7	0.06	<0.05	0.21	0.011	0.13
442183		300	1.2	0.9	<0.002	1.03	0.05	0.3	1	<0.2	42.9	<0.05	0.08	0.15	0.005	0.05
442184		160	0.8	0.4	<0.002	0.12	0.07	0.1	1	<0.2	30.2	<0.05	<0.05	0.06	<0.005	0.02
442185		380	0.8	0.8	<0.002	0.09	0.08	0.2	<1	<0.2	31.0	<0.05	<0.05	0.14	0.007	0.04
442186		370	1.0	0.7	<0.002	0.25	0.07	0.3	<1	<0.2	38.5	<0.05	<0.05	0.11	0.005	0.03
442187		930	205	490	0.004	3.38	2.19	5.0	3	1.2	257	0.89	0.83	1.76	0.478	2.10
442188		350	0.8	2.0	<0.002	0.35	0.08	0.6	1	<0.2	20.9	0.06	<0.05	0.20	0.012	0.13
442189		380	0.7	1.3	<0.002	0.28	0.06	0.5	<1	<0.2	14.1	0.06	<0.05	0.25	0.014	0.09
442190		420	1.0	2.7	<0.002	1.97	0.08	0.4	2	<0.2	15.8	0.06	0.18	0.17	0.012	0.18
442191		80	<0.5	0.3	<0.002	<0.01	0.05	0.1	1	<0.2	78.7	<0.05	<0.05	0.10	0.005	<0.02
442192		240	1.5	0.6	<0.002	0.31	0.08	0.5	<1	<0.2	28.3	0.07	<0.05	0.24	0.013	0.02
442193		390	0.6	0.2	<0.002	0.10	0.07	0.3	<1	<0.2	17.3	0.05	<0.05	0.18	0.007	<0.02
442194		330	1.6	0.5	<0.002	0.30	0.07	0.2	1	<0.2	53.5	<0.05	<0.05	0.14	<0.005	0.03
442195		190	0.8	0.7	<0.002	0.04	0.07	0.2	<1	<0.2	35.2	<0.05	<0.05	0.06	<0.005	0.03
442196		950	172.5	387	0.003	2.66	1.72	4.9	3	1.1	258	1.00	0.43	1.42	0.472	1.50
442197		400	1.3	2.5	<0.002	1.10	0.08	0.4	1	<0.2	44.7	0.06	0.08	0.14	0.010	0.16
442198		290	1.2	1.3	<0.002	0.07	0.08	0.4	<1	<0.2	44.6	0.07	<0.05	0.19	0.010	0.08
442199		470	2.0	1.2	<0.002	1.40	0.11	0.5	1	0.2	33.9	0.05	0.11	0.32	0.014	0.09
442200		170	0.6	1.5	<0.002	0.35	0.07	0.2	1	<0.2	7.0	<0.05	<0.05	0.13	0.007	0.08

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205925

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
442181		0.2	16	0.1	6.0	29	6.0
442182		0.2	15	0.1	5.6	28	5.5
442183		0.1	14	0.1	4.7	27	2.5
442184		0.1	8	0.1	3.9	9	1.8
442185		0.1	11	0.1	4.8	14	3.1
442186		0.1	10	0.1	4.8	16	2.2
442187		1.1	61	0.5	6.7	348	73.8
442188		0.3	16	0.1	4.1	25	5.1
442189		0.3	19	0.1	4.3	21	5.8
442190		0.2	15	0.1	4.0	27	4.8
442191		0.1	1	<0.1	2.3	4	1.4
442192		0.4	22	0.1	4.7	18	6.1
442193		0.3	12	<0.1	4.7	14	4.5
442194		0.2	10	<0.1	5.7	30	2.7
442195		<0.1	10	0.1	3.6	16	0.8
442196		0.7	61	0.7	6.3	230	73.9
442197		0.1	17	0.1	5.1	31	4.1
442198		0.2	14	0.1	4.9	19	5.6
442199		0.3	17	0.2	5.0	22	5.3
442200		0.2	6	<0.1	2.1	14	3.4

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17205925

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206031

Project: KAN

P.O. No.: KAN- 041

This report is for 20 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: KAN

CERTIFICATE OF ANALYSIS VO17206031

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
442201		2.15	0.003	0.02	2.29	0.4	210	1.25	0.02	0.37	0.23	47.8	20.3	22	5.90	21.6
442202		<0.02	<0.001	0.02	2.37	0.6	240	1.36	0.02	0.37	0.22	50.8	20.8	21	6.28	20.7
442203		3.17	0.001	0.02	1.83	1.6	200	1.71	0.03	0.38	0.18	42.6	17.9	15	5.93	47.3
442204		3.45	0.028	0.03	2.03	1.0	210	1.71	0.03	0.69	0.20	41.5	14.6	16	4.77	28.1
442205		3.65	0.001	0.05	1.74	1.6	160	1.38	0.02	1.99	0.37	33.6	13.3	13	3.80	41.9
442206		3.96	0.008	0.02	1.76	0.8	170	1.22	0.02	1.54	0.35	31.0	12.0	14	3.79	41.0
442207		0.13	8.43	1.73	7.61	111.0	200	4.39	3.36	1.91	4.04	27.9	18.2	59	2.86	112.0
442208		6.30	0.003	0.02	2.10	0.6	200	2.22	0.06	0.73	0.23	40.0	11.7	16	4.89	3.8
442209		5.06	<0.001	0.03	2.14	0.4	170	1.21	0.03	1.75	0.38	43.8	14.4	19	4.81	36.3
442210		3.77	<0.001	0.05	2.44	0.3	170	0.83	0.12	1.61	0.48	47.2	12.9	20	4.82	33.8
442211		0.28	0.002	<0.01	0.07	0.4	10	0.09	0.01	32.9	0.02	1.55	0.5	1	0.06	1.7
442212		4.90	<0.001	0.05	2.88	0.2	230	1.02	0.06	0.66	0.24	49.2	14.7	24	6.57	93.9
442213		4.24	<0.001	0.15	3.70	0.4	190	1.33	0.42	1.02	0.21	59.8	15.4	31	5.83	130.5
442214		4.17	0.006	0.42	5.33	7.4	470	1.85	0.97	0.91	0.51	70.0	16.7	41	4.08	159.0
442215		4.22	0.010	0.81	5.30	0.6	390	2.14	1.54	0.51	1.24	65.8	18.8	53	4.79	161.0
442216		0.07	1.255	1.10	8.21	104.5	120	4.31	2.81	2.34	2.61	25.0	17.4	65	2.72	56.6
442217		3.45	0.013	0.53	5.99	<0.2	280	2.37	0.63	0.62	1.02	73.2	20.9	69	5.68	226
442218		3.23	<0.001	0.05	1.96	1.0	130	0.58	0.03	0.20	0.35	29.1	8.6	23	3.17	22.1
442219		2.99	0.018	0.06	2.34	0.3	190	0.85	0.02	0.33	0.28	46.3	18.3	21	4.87	56.6
442220		3.42	0.004	0.05	2.09	0.3	200	0.73	0.01	0.54	0.32	38.6	14.7	18	4.45	46.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206031

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
442201		19.05	5.78	0.08	1.4	0.007	0.036	0.95	19.6	29.2	2.06	8380	0.81	0.10	5.2	21.9
442202		19.35	6.22	0.06	1.4	0.007	0.036	0.99	21.1	30.8	2.11	8360	0.80	0.09	5.3	21.9
442203		19.75	4.66	0.05	1.0	0.005	0.037	0.77	16.9	17.6	1.44	8550	0.93	0.05	3.8	12.7
442204		20.3	5.14	0.05	1.1	0.011	0.037	0.71	17.7	16.8	1.12	9270	0.78	0.30	3.8	10.6
442205		17.85	4.49	0.05	1.0	0.005	0.037	0.56	16.2	14.6	0.84	9960	0.86	0.54	3.3	9.7
442206		17.55	4.33	0.05	1.0	0.005	0.031	0.56	15.8	13.6	0.77	8180	0.59	0.43	3.1	10.3
442207		5.35	23.8	0.07	1.8	0.011	0.168	4.52	14.4	2.9	1.54	421	1.46	3.22	13.3	63.2
442208		21.1	5.20	0.06	1.1	0.006	0.030	0.71	20.3	18.3	0.90	7240	0.95	0.43	3.6	12.7
442209		15.35	5.15	0.05	1.2	<0.005	0.026	0.74	21.5	19.5	1.43	6360	0.45	0.12	4.0	14.8
442210		16.30	5.90	<0.05	1.9	<0.005	0.037	0.76	23.5	23.3	1.72	7350	0.52	0.12	7.6	16.8
442211		0.32	0.20	0.05	<0.1	<0.005	0.007	0.01	1.6	1.2	1.68	229	<0.05	0.03	0.1	0.4
442212		17.90	7.08	0.07	1.6	<0.005	0.048	1.06	24.2	27.2	1.82	6630	0.53	0.03	4.9	18.6
442213		14.45	9.07	0.05	1.9	<0.005	0.040	1.18	31.5	29.5	2.22	3370	1.01	0.06	5.7	25.8
442214		12.60	12.50	0.08	3.2	0.010	0.048	2.05	38.2	31.3	1.75	1760	4.14	1.15	8.8	47.3
442215		13.35	13.10	0.09	2.9	0.008	0.046	3.14	34.9	34.1	1.56	1520	3.00	0.31	9.8	61.1
442216		5.31	22.4	0.08	1.8	<0.005	0.105	4.20	12.1	2.6	1.71	453	1.32	3.55	13.9	64.0
442217		14.10	14.90	0.09	3.3	0.008	0.044	3.59	40.6	36.3	1.68	1880	5.24	0.41	12.6	69.9
442218		13.60	4.47	<0.05	1.0	0.010	0.033	0.61	13.7	15.3	1.27	6240	0.39	0.31	4.0	9.5
442219		18.85	5.64	<0.05	1.4	0.007	0.036	0.84	19.2	20.9	1.55	7680	0.75	0.13	4.9	16.8
442220		18.20	5.07	<0.05	1.1	0.006	0.034	0.73	17.6	18.0	1.27	7820	0.65	0.09	3.8	10.4

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206031

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
442201		750	4.4	47.9	<0.002	0.16	0.18	3.9	<1	0.9	16.9	0.38	<0.05	4.16	0.101	0.27
442202		770	3.9	49.8	<0.002	0.16	0.17	4.0	<1	1.0	17.7	0.40	<0.05	4.29	0.105	0.30
442203		670	3.4	39.3	<0.002	0.29	0.35	2.8	<1	0.9	16.6	0.29	0.05	3.52	0.071	0.22
442204		650	5.0	34.5	<0.002	0.15	0.38	2.9	<1	1.2	43.0	0.28	0.07	4.28	0.077	0.23
442205		350	4.9	29.1	<0.002	0.03	0.36	2.6	<1	1.0	97.4	0.24	<0.05	3.89	0.065	0.15
442206		400	5.0	28.1	<0.002	0.17	0.34	2.5	<1	0.9	75.8	0.24	<0.05	3.76	0.065	0.17
442207		860	183.5	438	0.002	3.25	2.43	5.1	3	1.3	241	0.92	0.71	1.66	0.452	2.07
442208		900	6.6	35.3	<0.002	0.02	0.53	2.9	<1	1.0	51.0	0.29	<0.05	4.67	0.076	0.21
442209		920	4.6	37.0	<0.002	0.26	0.24	3.1	<1	0.9	76.7	0.29	<0.05	4.77	0.080	0.21
442210		850	10.7	38.6	<0.002	0.27	0.21	3.5	<1	1.0	65.0	0.63	0.07	5.90	0.088	0.26
442211		80	<0.5	0.5	<0.002	0.01	0.09	0.2	1	<0.2	80.6	<0.05	<0.05	0.11	0.005	<0.02
442212		490	4.1	58.3	0.004	0.70	0.16	4.1	1	1.3	23.2	0.38	0.10	6.56	0.103	0.38
442213		510	19.7	63.1	0.007	1.36	0.27	5.3	2	1.3	37.9	0.48	0.21	9.02	0.141	0.42
442214		450	19.9	84.2	0.014	5.05	0.49	8.6	3	1.0	38.9	0.75	0.73	13.00	0.201	0.68
442215		340	92.4	120.0	0.015	6.17	0.61	9.5	5	0.7	20.1	0.80	0.83	12.85	0.250	0.95
442216		970	153.0	358	0.003	2.83	1.65	4.9	3	1.2	271	1.03	0.52	1.34	0.505	1.52
442217		490	16.4	137.0	0.017	6.57	0.62	10.8	5	0.9	23.5	0.93	0.57	13.10	0.360	1.13
442218		270	7.1	30.7	<0.002	0.25	0.21	2.8	1	0.6	19.8	0.29	<0.05	3.04	0.077	0.24
442219		330	4.8	44.6	<0.002	0.44	0.28	3.3	<1	1.0	14.4	0.36	<0.05	4.11	0.095	0.35
442220		330	2.4	40.0	<0.002	0.32	0.17	2.6	1	1.0	17.1	0.27	<0.05	4.10	0.074	0.30

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206031

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
442201		0.7	28	0.1	9.4	59	42.4
442202		0.7	28	0.2	7.9	60	44.6
442203		0.5	20	0.2	9.8	48	32.6
442204		1.1	21	0.2	11.3	52	35.1
442205		0.4	18	0.2	10.5	46	33.0
442206		0.5	18	0.2	9.7	48	32.6
442207		0.9	56	0.5	6.8	306	70.5
442208		0.5	24	0.3	14.4	55	35.1
442209		0.6	24	0.1	11.7	64	40.6
442210		1.6	30	0.1	10.5	65	56.9
442211		0.1	<1	<0.1	2.4	4	1.5
442212		1.3	39	0.1	9.5	80	57.0
442213		2.0	60	0.2	9.7	76	63.0
442214		3.9	82	1.4	12.0	107	103.0
442215		3.9	94	1.9	10.9	145	95.6
442216		0.6	64	0.6	6.6	232	72.9
442217		4.5	115	2.2	13.4	184	110.0
442218		0.5	20	0.1	3.8	66	32.5
442219		0.7	26	0.2	6.3	71	43.1
442220		0.6	22	0.1	6.2	59	34.4

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Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206031

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206081

Project: KAN

This report is for 78 Rock samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
WEI- 21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206081

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
453716		1.34	<0.001	0.02	2.30	2.3	60	0.26	0.01	0.10	0.06	2.62	8.1	56	0.41	33.4
453717		1.23	<0.001	0.01	1.32	3.4	30	0.14	0.01	0.95	0.03	1.03	8.1	42	0.31	18.4
453718		1.51	<0.001	0.02	1.84	0.2	50	0.36	0.02	0.03	0.02	13.30	1.6	15	0.37	72.8
453719		1.40	<0.001	0.01	3.08	6.9	130	0.40	0.01	0.04	<0.02	3.94	3.3	109	0.30	16.0
453720		1.59	<0.001	0.02	2.38	1.2	30	0.21	0.02	0.02	<0.02	9.46	1.6	18	0.23	36.6
453721		1.54	2.91	0.01	0.71	0.6	10	0.10	0.08	0.01	<0.02	8.50	0.5	15	0.73	34.4
453722		1.37	0.002	0.02	1.20	0.7	<10	0.08	0.03	0.02	<0.02	4.50	1.1	20	0.25	21.0
453723		1.48	<0.001	0.05	1.03	0.5	20	0.17	0.04	0.03	<0.02	3.36	0.6	35	0.56	15.6
453724		1.53	0.002	0.02	1.06	0.6	40	0.17	0.03	0.01	<0.02	6.18	0.6	27	0.35	42.5
453725		1.47	<0.001	0.05	0.42	0.3	20	0.27	0.01	0.01	<0.02	5.36	0.3	17	0.18	12.9
453726		0.83	<0.001	0.01	0.05	0.5	10	0.39	0.01	10.85	0.04	12.20	1.4	5	<0.05	1.4
453727		0.43	<0.001	0.01	0.01	0.9	<10	<0.05	0.01	0.03	<0.02	0.61	0.2	10	<0.05	0.8
453728		0.94	<0.001	0.01	0.01	0.8	<10	0.05	0.01	0.33	<0.02	3.04	1.2	14	<0.05	1.8
453729		0.54	<0.001	0.08	0.14	0.4	10	0.14	0.02	0.11	0.06	2.57	6.1	12	0.07	25.1
453730		0.48	0.001	0.11	0.38	46.6	20	0.29	0.28	0.13	<0.02	4.54	7.9	17	0.14	38.4
453731		0.90	<0.001	0.02	0.09	0.6	10	0.14	0.01	0.05	<0.02	2.32	1.6	49	<0.05	3.1
453732		1.31	0.002	0.22	0.43	1.2	20	0.88	0.05	0.27	<0.02	11.40	20.4	9	<0.05	24.2
453733		1.16	0.001	0.01	0.39	0.2	20	0.75	0.01	0.64	0.09	10.80	5.5	10	2.43	4.4
453734		1.38	<0.001	0.01	0.13	0.4	10	0.57	0.01	1.80	0.02	7.66	3.2	5	0.26	2.1
453735		1.54	<0.001	0.05	0.05	1.5	<10	0.13	0.28	0.19	0.08	0.43	3.5	17	0.09	14.6
453736		1.55	<0.001	0.06	2.02	0.3	150	1.41	0.09	0.96	0.09	11.05	30.9	70	0.37	230
453737		1.42	<0.001	0.13	1.39	2.0	110	0.64	0.10	0.03	0.05	13.90	1.7	30	0.27	81.0
453738		1.47	0.008	0.45	0.37	30.1	20	0.32	0.20	0.03	0.03	4.71	6.1	11	0.09	67.2
453739		1.49	0.002	0.14	0.86	0.3	50	0.52	0.04	0.01	0.02	2.26	1.1	14	0.25	34.6
453740		1.39	0.003	0.56	0.10	0.5	10	0.06	0.70	<0.01	0.02	1.52	0.3	17	<0.05	14.3
453741		1.49	0.015	0.49	0.12	5.3	10	0.11	0.24	0.01	0.03	4.36	3.3	14	<0.05	76.8
453742		1.71	0.038	2.43	0.41	14.3	20	0.31	0.55	0.02	0.26	19.40	686	28	0.12	68.8
453743		1.72	0.050	3.74	0.22	65.8	10	0.16	0.12	<0.01	<0.02	3.80	324	8	0.07	49.0
453744		1.36	0.004	0.26	0.04	2.4	<10	0.05	0.18	<0.01	<0.02	2.17	5.4	17	<0.05	35.3
453745		0.87	0.112	1.41	7.64	5.0	340	1.99	0.31	<0.01	<0.02	61.0	4.2	166	3.31	3.5
453746		1.95	0.004	1.15	0.11	0.9	<10	0.09	1.48	1.23	0.02	8.48	13.2	5	0.34	386
453747		1.52	0.001	0.98	0.11	0.5	<10	0.12	0.65	1.03	0.04	9.99	8.9	4	0.07	215
453748		1.57	0.005	1.12	0.27	1.9	<10	0.18	1.28	0.28	0.05	13.70	19.8	11	0.68	326
453749		1.33	0.001	0.91	0.13	1.7	<10	0.08	1.69	0.63	0.02	9.51	11.7	4	0.43	169.5
453764		0.88	<0.001	0.15	0.13	0.5	<10	0.06	0.08	0.02	<0.02	6.16	0.6	8	0.06	43.2
453765		0.85	0.001	0.05	0.03	0.4	<10	0.23	0.07	0.81	0.03	10.40	1.7	4	<0.05	7.7
453766		1.06	<0.001	0.18	0.01	3.1	10	<0.05	0.09	0.03	0.05	1.17	2.2	35	<0.05	12.1
453767		1.23	0.003	0.59	0.03	1.8	10	<0.05	0.14	0.01	0.02	4.57	0.3	6	<0.05	59.7
453768		1.34	<0.001	0.03	<0.01	0.3	<10	<0.05	0.01	<0.01	<0.02	0.05	0.2	15	<0.05	1.7
453769		1.60	<0.001	0.03	0.02	0.8	<10	0.47	0.01	0.01	<0.02	0.47	0.9	15	<0.05	14.2

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206081

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
453716		4.50	5.97	<0.05	0.4	0.037	0.022	0.32	1.1	27.2	1.73	764	0.34	0.10	1.0	34.9
453717		2.55	3.49	<0.05	0.1	0.021	0.015	0.22	0.5	15.4	1.34	739	0.18	0.03	0.2	52.2
453718		7.34	6.49	<0.05	0.5	0.120	0.027	0.33	8.0	18.5	1.28	768	2.67	0.02	2.3	13.4
453719		3.66	7.68	<0.05	0.8	0.045	0.025	0.29	1.6	42.0	2.42	352	0.23	0.38	1.0	12.0
453720		6.96	8.38	<0.05	0.3	0.074	0.033	0.20	5.1	30.2	2.01	988	0.83	0.02	1.2	6.0
453721		9.17	2.93	<0.05	0.1	0.047	0.086	0.03	5.3	3.4	0.61	578	0.26	0.01	1.5	2.8
453722		9.74	4.18	<0.05	0.2	0.046	0.059	0.01	2.4	3.6	0.63	1060	0.66	<0.01	3.2	2.8
453723		4.44	4.15	<0.05	0.6	0.035	0.016	0.17	2.0	8.4	0.59	371	0.87	0.01	1.7	1.4
453724		6.83	4.21	<0.05	0.4	0.048	0.025	0.27	3.3	7.8	0.44	515	0.48	0.02	1.2	3.9
453725		2.51	2.15	<0.05	0.3	0.008	<0.005	0.21	3.3	3.5	0.04	133	4.58	0.01	0.7	1.6
453726		19.70	0.51	<0.05	<0.1	0.010	<0.005	0.01	7.0	2.5	6.55	5210	0.41	0.01	0.5	0.9
453727		1.21	0.10	<0.05	<0.1	0.005	<0.005	<0.01	<0.5	0.5	0.03	254	0.10	<0.01	<0.1	1.0
453728		3.06	0.09	<0.05	<0.1	0.007	<0.005	<0.01	2.0	0.4	0.23	731	0.16	<0.01	0.4	1.6
453729		8.30	0.74	<0.05	0.1	0.006	0.008	0.07	1.3	1.3	0.76	3710	0.31	<0.01	1.2	5.3
453730		2.81	1.77	<0.05	0.2	0.011	<0.005	0.07	2.4	3.7	0.12	138	1.65	0.10	2.0	18.0
453731		3.16	0.50	<0.05	0.1	<0.005	<0.005	0.02	1.2	1.2	0.22	1020	0.41	<0.01	0.5	3.3
453732		21.4	0.84	0.05	0.3	0.008	0.011	0.03	6.5	6.1	1.21	7100	2.02	<0.01	2.3	22.4
453733		17.30	2.09	<0.05	0.3	0.008	0.009	0.24	5.9	0.6	2.48	14900	0.21	0.01	2.8	5.4
453734		19.65	0.84	<0.05	0.1	<0.005	0.005	0.04	4.3	0.8	3.28	10050	0.16	<0.01	1.3	3.2
453735		1.76	0.30	<0.05	<0.1	0.011	<0.005	0.01	<0.5	0.5	0.08	1100	0.17	0.01	0.1	3.6
453736		19.20	8.19	<0.05	1.0	<0.005	0.027	0.64	5.8	12.6	2.28	13600	0.53	0.02	6.2	62.2
453737		37.1	5.19	0.43	0.6	<0.005	0.038	0.61	7.1	6.2	0.09	497	0.85	0.01	2.0	5.5
453738		9.42	1.67	<0.05	0.1	0.035	0.012	0.14	2.7	3.6	0.18	1220	2.79	0.01	0.6	31.5
453739		5.35	4.52	<0.05	0.1	<0.005	0.013	0.40	1.3	3.8	0.08	805	0.25	0.02	0.5	4.4
453740		1.67	0.44	<0.05	0.1	0.008	<0.005	0.05	0.8	0.8	0.01	35	0.99	<0.01	0.4	1.2
453741		10.10	0.55	<0.05	0.1	0.030	0.016	0.04	2.6	2.3	0.03	310	1.41	<0.01	0.2	8.6
453742		19.85	1.91	0.08	0.7	0.032	0.009	0.18	10.7	3.8	0.09	271	5.54	0.01	1.4	43.6
453743		14.50	1.20	<0.05	0.1	0.028	0.014	0.10	2.2	2.4	0.04	72	4.30	0.01	0.1	15.3
453744		4.37	0.20	<0.05	<0.1	0.005	<0.005	0.02	1.3	0.6	<0.01	175	0.59	<0.01	0.1	2.0
453745		0.99	26.8	0.06	2.6	0.207	0.095	4.13	34.6	37.7	0.61	18	3.62	0.09	19.5	0.6
453746		21.8	0.58	0.05	0.1	0.006	0.020	0.05	5.2	1.3	0.60	1010	1.29	<0.01	0.7	183.5
453747		26.9	0.62	0.06	0.1	0.017	0.042	0.01	6.7	0.9	2.55	5250	0.53	<0.01	0.9	151.5
453748		19.10	1.82	<0.05	0.2	0.025	0.044	0.04	9.9	1.1	0.51	1560	0.93	0.01	2.7	57.9
453749		19.25	1.16	0.09	0.1	0.007	0.023	0.02	6.1	1.0	0.44	714	0.75	<0.01	1.5	62.3
453764		5.39	1.16	<0.05	0.1	<0.005	0.007	0.05	3.9	0.4	0.03	170	1.09	<0.01	1.0	3.8
453765		21.0	0.42	<0.05	<0.1	<0.005	<0.005	0.01	6.1	0.5	2.83	4500	0.13	<0.01	0.4	3.9
453766		2.50	0.15	<0.05	<0.1	<0.005	0.007	<0.01	0.7	0.4	0.03	302	0.24	0.01	0.1	3.0
453767		10.60	0.34	0.06	0.1	<0.005	0.016	0.02	2.6	0.2	0.03	135	0.34	<0.01	0.5	2.0
453768		0.65	<0.05	<0.05	<0.1	<0.005	<0.005	<0.01	<0.5	0.3	<0.01	36	0.12	<0.01	<0.1	0.9
453769		3.02	0.08	<0.05	<0.1	0.007	<0.005	<0.01	<0.5	0.5	0.01	224	0.51	0.01	0.5	2.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206081

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
453716		140	3.1	11.9	<0.002	0.18	0.19	10.0	1	0.4	9.6	<0.05	0.19	0.21	0.089	0.46
453717		50	4.2	8.7	<0.002	0.26	0.15	5.7	1	0.2	16.3	<0.05	0.07	0.10	0.016	0.33
453718		240	1.3	14.0	<0.002	0.27	0.10	2.6	2	0.7	5.9	0.22	0.18	1.20	0.021	0.48
453719		200	1.7	11.4	<0.002	0.14	0.12	16.1	1	0.3	7.4	0.06	0.12	0.16	0.143	0.34
453720		240	1.1	8.5	<0.002	0.09	0.10	4.1	1	0.4	4.2	0.08	0.24	0.62	0.018	0.27
453721		180	4.0	1.4	<0.002	0.12	0.10	1.4	2	0.2	4.3	0.15	0.18	0.29	0.017	0.03
453722		150	1.3	0.8	<0.002	0.14	0.07	3.0	1	<0.2	1.6	0.36	0.08	0.50	0.032	0.02
453723		360	2.0	7.2	<0.002	0.19	0.09	3.9	1	0.4	5.0	0.08	0.08	0.25	0.076	0.14
453724		120	2.1	10.5	<0.002	0.13	0.26	2.0	1	0.3	5.2	0.07	0.27	1.24	0.024	0.39
453725		60	1.6	7.4	<0.002	0.07	0.10	0.3	1	0.2	1.9	<0.05	0.10	0.36	0.011	0.20
453726		160	1.8	0.5	<0.002	0.06	0.08	0.2	1	<0.2	48.5	<0.05	<0.05	0.09	<0.005	0.02
453727		30	<0.5	0.1	<0.002	0.06	0.07	<0.1	1	<0.2	0.7	<0.05	<0.05	0.01	<0.005	<0.02
453728		70	<0.5	0.1	<0.002	0.18	0.08	<0.1	1	<0.2	3.4	<0.05	<0.05	0.05	<0.005	<0.02
453729		180	0.5	2.1	<0.002	0.48	0.06	0.4	2	0.2	1.7	0.09	0.05	0.18	0.008	<0.02
453730		180	7.9	2.5	<0.002	1.16	0.26	0.6	1	0.2	5.4	0.09	0.05	0.39	0.024	0.08
453731		140	0.9	0.6	<0.002	0.55	0.08	0.3	<1	<0.2	1.5	<0.05	<0.05	0.08	0.006	0.05
453732		330	8.5	1.0	<0.002	7.20	0.16	1.2	2	<0.2	3.5	0.11	0.11	0.41	0.034	0.25
453733		390	0.8	6.5	<0.002	0.04	0.09	1.3	1	0.2	16.0	0.17	<0.05	0.42	0.055	<0.02
453734		380	0.8	1.2	<0.002	0.09	0.07	0.4	1	<0.2	21.9	0.07	<0.05	0.19	0.021	<0.02
453735		50	11.2	0.4	<0.002	0.13	0.30	0.2	1	<0.2	5.2	<0.05	0.06	0.01	<0.005	0.02
453736		770	1.6	10.6	<0.002	1.39	0.07	10.4	3	0.8	18.2	0.28	0.12	0.63	0.305	0.05
453737		420	13.8	16.1	<0.002	0.82	0.14	2.4	1	0.5	7.6	0.15	0.30	2.18	0.057	0.05
453738		180	9.2	4.0	<0.002	2.04	0.38	0.6	2	<0.2	3.2	<0.05	0.29	0.21	0.007	1.09
453739		120	2.7	11.6	<0.002	0.36	0.06	0.8	1	0.2	4.2	<0.05	0.10	0.13	0.008	0.15
453740		30	52.4	1.3	<0.002	0.11	0.16	0.2	2	<0.2	1.5	<0.05	0.59	0.13	0.005	0.02
453741		90	12.6	1.2	<0.002	0.90	0.43	0.3	4	<0.2	2.2	<0.05	0.95	0.18	<0.005	0.16
453742		110	23.4	5.5	0.002	>10.0	0.44	1.1	16	0.2	3.6	0.07	1.92	1.30	0.017	0.28
453743		220	31.1	3.4	<0.002	7.59	0.81	0.6	12	0.2	2.0	<0.05	1.41	0.32	<0.005	0.06
453744		70	3.5	0.6	<0.002	0.19	0.10	0.1	2	<0.2	1.3	<0.05	0.28	0.07	<0.005	<0.02
453745		50	13.9	108.5	<0.002	1.08	3.03	16.4	2	4.3	15.2	1.08	0.61	5.06	0.414	2.71
453746		290	4.4	2.6	<0.002	9.02	0.15	0.3	14	0.3	8.6	<0.05	0.56	0.12	<0.005	0.23
453747		340	2.7	0.5	<0.002	7.59	0.11	0.3	9	0.2	8.5	0.06	0.36	0.24	0.007	0.03
453748		810	3.9	2.9	<0.002	6.96	0.16	0.5	6	0.7	3.5	0.10	0.29	0.32	0.020	0.30
453749		300	3.7	1.5	<0.002	6.40	0.11	0.4	23	0.3	6.5	0.05	0.34	0.16	0.007	0.22
453764		130	2.1	1.5	<0.002	0.39	0.19	0.2	1	<0.2	0.9	<0.05	0.12	0.27	0.007	0.04
453765		180	<0.5	0.3	<0.002	0.30	0.05	0.2	1	<0.2	12.8	<0.05	<0.05	0.04	<0.005	<0.02
453766		30	2.7	0.2	<0.002	0.41	0.18	<0.1	1	<0.2	2.2	<0.05	0.11	0.03	<0.005	<0.02
453767		130	5.4	0.6	<0.002	0.28	0.19	0.1	2	<0.2	1.1	<0.05	0.46	0.06	<0.005	<0.02
453768		10	<0.5	0.1	<0.002	0.02	0.06	<0.1	<1	<0.2	0.7	<0.05	<0.05	<0.01	<0.005	<0.02
453769		20	0.6	0.2	<0.002	0.12	0.13	0.1	<1	<0.2	1.1	<0.05	<0.05	0.03	<0.005	<0.02

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
453716		0.2	89	2.1	1.6	79	14.4
453717		<0.1	42	0.4	1.5	39	3.0
453718		1.1	84	0.3	2.3	81	27.0
453719		0.1	139	4.6	1.6	76	30.8
453720		0.3	89	0.3	1.4	103	10.3
453721		0.3	41	0.1	1.7	50	6.9
453722		0.6	52	<0.1	1.0	79	9.7
453723		0.3	52	0.2	1.9	39	22.2
453724		0.6	47	0.9	1.3	27	16.2
453725		1.8	34	0.2	1.1	4	12.9
453726		0.4	7	0.2	7.6	8	1.7
453727		<0.1	1	<0.1	0.5	<2	<0.5
453728		<0.1	1	0.2	0.8	<2	<0.5
453729		0.4	12	0.1	2.0	18	3.4
453730		0.9	36	0.3	1.5	3	8.9
453731		0.1	7	0.1	1.0	2	2.5
453732		0.5	13	0.5	4.1	10	11.7
453733		0.3	33	0.2	6.5	12	13.0
453734		0.1	10	0.2	6.4	5	5.2
453735		<0.1	4	0.2	1.7	11	<0.5
453736		0.5	139	0.9	4.9	27	38.2
453737		0.7	29	0.6	2.4	165	25.1
453738		0.3	23	0.1	1.9	30	6.1
453739		0.1	55	0.2	0.8	26	4.4
453740		0.2	4	0.1	0.3	5	4.0
453741		0.5	7	0.1	1.1	49	5.2
453742		1.3	18	0.5	3.1	26	28.4
453743		0.3	12	0.1	0.8	18	7.8
453744		0.1	3	<0.1	0.8	15	1.1
453745		4.6	224	3.3	6.5	12	99.2
453746		0.2	8	0.1	2.9	14	4.0
453747		0.2	8	0.1	3.4	34	4.9
453748		0.3	16	0.1	4.3	26	8.7
453749		0.2	13	0.1	3.0	10	4.6
453764		0.4	11	0.1	1.8	6	8.1
453765		0.2	6	0.1	4.4	8	2.0
453766		0.3	1	0.1	0.7	7	0.8
453767		0.3	6	<0.1	1.3	7	5.0
453768		<0.1	<1	<0.1	<0.1	<2	<0.5
453769		0.1	1	<0.1	0.4	3	0.6

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Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
453770		1.77	<0.001	0.13	4.08	0.2	140	1.99	0.05	0.28	0.07	39.0	9.2	99	7.77	29.9
453771		1.13	0.004	1.27	0.03	<0.2	<10	0.08	0.02	0.16	<0.02	1.01	55.4	4	<0.05	130.0
453772		1.33	<0.001	0.01	0.38	0.7	<10	0.10	0.01	1.77	0.04	3.52	1.5	15	0.25	1.0
453773		1.19	<0.001	0.25	0.09	0.3	<10	0.27	0.01	0.39	0.02	0.71	7.3	11	0.07	104.0
453774		1.29	0.007	0.11	2.45	0.4	160	0.58	0.16	0.32	0.07	25.0	9.0	27	10.60	98.3
453775		1.03	<0.001	0.03	0.02	0.7	<10	<0.05	0.03	0.01	0.04	0.32	0.3	13	0.12	4.0
453776		0.94	<0.001	0.02	6.15	0.4	480	1.49	0.06	0.02	<0.02	8.86	1.9	52	2.45	12.3
453777		1.15	<0.001	0.48	0.93	0.6	50	0.20	0.88	0.28	0.06	3.09	0.9	14	0.20	3.1
453778		1.00	0.001	0.10	1.94	0.5	140	0.35	0.15	0.11	0.02	10.70	4.1	32	0.49	16.3
453779		1.19	0.001	0.09	6.07	0.6	40	0.50	0.05	4.78	0.06	33.3	22.5	9	0.90	204
453780		0.69	0.001	0.07	5.58	68.3	190	1.76	0.13	0.01	<0.02	7.14	2.7	83	1.21	23.6
453781		0.99	<0.001	0.01	2.88	2.0	180	0.45	0.03	0.07	0.02	22.4	3.4	20	1.06	9.9
453782		0.91	<0.001	<0.01	1.59	6.5	230	1.01	<0.01	1.09	0.16	11.90	10.5	20	7.53	5.6
453783		0.71	<0.001	0.01	2.16	0.3	140	0.78	0.01	0.15	0.18	30.6	4.3	23	3.59	1.0
453784		0.77	0.005	0.59	6.61	3.8	280	3.27	0.88	0.10	0.18	28.0	16.3	49	3.89	81.9
453785		1.41	0.862	0.06	1.76	4.3	60	0.26	0.07	0.19	0.04	15.00	3.6	21	1.58	88.2
453786		1.40	0.007	0.02	0.22	3.0	10	<0.05	0.01	0.38	0.03	3.12	1.1	19	0.11	17.8
453787		1.45	0.001	0.05	2.15	2.6	10	0.19	0.06	0.92	0.10	8.62	3.4	16	0.24	70.5
453788		1.36	0.006	0.74	4.93	0.6	140	1.89	1.49	0.16	0.20	34.2	21.5	38	4.45	200
453789		1.81	<0.001	0.09	6.57	0.7	<10	0.29	0.05	0.14	<0.02	9.28	12.3	49	0.24	124.5
453790		1.39	0.001	0.05	1.83	1.0	10	0.12	0.05	0.35	0.02	8.61	8.6	22	0.25	94.2
453791		1.27	<0.001	0.03	3.29	0.6	20	0.50	0.02	1.22	0.05	12.80	4.7	99	0.20	17.2
453793		0.63	<0.001	0.02	0.18	6.3	10	0.10	0.01	0.08	0.02	4.65	2.2	35	0.07	5.9
453794		0.50	<0.001	0.02	0.09	0.4	<10	0.08	0.01	0.02	0.05	4.04	0.9	5	<0.05	4.5
453795		0.53	<0.001	0.10	1.16	0.3	20	0.97	0.02	0.36	1.76	22.4	11.4	30	1.03	14.6
454938		0.99	0.001	0.05	4.81	1.4	10	0.24	0.20	0.02	<0.02	6.84	3.5	38	0.18	48.1
454939		1.48	<0.001	0.02	1.27	3.1	140	0.62	0.06	0.02	<0.02	4.97	1.8	29	0.16	5.5
454940		1.25	0.009	0.02	2.21	<0.2	20	0.23	0.03	0.10	0.05	43.8	7.7	21	0.37	88.7
454941		1.23	<0.001	0.03	1.68	3.8	10	0.20	0.13	0.21	<0.02	13.40	6.4	29	0.13	48.2
454942		1.03	<0.001	0.02	2.50	0.2	200	0.81	0.05	0.08	0.05	33.0	4.6	29	3.81	34.7
454943		1.40	0.001	0.46	0.34	1.2	10	0.13	0.44	1.29	0.17	2.07	1.5	18	0.23	31.2
454944		0.82	<0.001	0.01	0.36	0.7	10	0.14	0.01	2.60	0.05	3.20	0.6	33	0.13	13.3
454945		0.98	0.001	0.02	0.92	0.6	120	0.39	0.03	2.34	0.09	12.10	8.8	18	0.94	46.3
454946		1.08	<0.001	0.04	0.02	1.1	<10	<0.05	0.01	0.05	<0.02	0.14	7.3	29	<0.05	65.6
454947		1.36	<0.001	0.02	2.75	0.2	130	0.64	0.03	6.17	0.31	48.0	15.4	33	0.91	8.8
454948		1.12	0.003	0.09	1.84	3.5	260	0.67	0.17	1.44	0.29	40.7	28.5	28	2.41	41.1
454949		1.45	0.006	0.22	2.84	<0.2	110	0.42	0.27	0.29	0.08	15.00	13.1	24	1.55	128.0
454950		1.59	<0.001	0.06	0.44	1.5	10	0.11	0.04	0.32	0.04	4.77	2.4	27	0.16	24.3

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206081

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
453770		24.9	14.95	0.21	2.2	<0.005	0.042	1.13	21.2	29.4	2.82	11150	5.38	0.02	17.9	20.8
453771		34.4	0.21	0.15	<0.1	0.009	<0.005	0.01	0.5	0.3	0.11	745	0.48	<0.01	0.1	88.4
453772		5.85	1.51	<0.05	<0.1	0.005	0.005	0.02	2.1	2.6	0.92	1770	0.14	<0.01	0.5	2.3
453773		8.36	0.20	<0.05	<0.1	0.006	<0.005	0.02	<0.5	0.7	0.18	543	0.14	0.02	0.1	10.3
453774		21.4	6.90	0.11	0.7	0.033	0.042	0.28	15.1	4.3	1.61	2430	0.48	0.01	2.7	17.4
453775		0.87	0.08	<0.05	<0.1	<0.005	<0.005	0.01	<0.5	0.2	0.01	51	0.14	0.01	<0.1	1.3
453776		3.40	15.20	0.07	6.6	<0.005	0.047	3.14	4.7	23.3	0.84	163	0.80	0.18	7.8	3.5
453777		1.12	2.38	<0.05	0.3	0.008	0.005	0.32	1.5	4.8	0.27	165	0.30	0.02	0.5	2.6
453778		2.14	5.64	<0.05	1.4	0.007	0.011	0.55	4.4	9.0	0.52	165	0.29	0.13	4.7	7.0
453779		14.10	29.9	0.13	2.2	<0.005	0.176	0.17	12.5	11.9	1.16	1640	0.63	0.45	8.8	2.4
453780		11.50	17.50	0.08	1.7	0.017	0.047	1.57	2.6	26.5	0.98	1340	2.38	0.02	10.9	4.4
453781		1.57	6.82	0.06	2.9	<0.005	0.012	0.80	11.1	14.2	0.32	133	0.19	0.76	2.7	9.1
453782		17.85	5.06	0.11	0.6	0.017	0.051	0.51	7.2	1.4	1.64	2620	0.24	0.02	2.5	10.7
453783		11.60	5.69	0.09	0.9	<0.005	0.035	0.71	17.5	24.0	1.25	1500	0.28	0.01	3.0	11.6
453784		11.45	16.95	0.12	3.6	0.010	0.041	2.68	12.7	42.3	1.64	1200	5.66	1.17	13.9	43.5
453785		7.52	4.95	0.05	0.7	0.009	0.030	0.16	10.3	3.9	1.03	976	0.33	0.01	3.2	7.4
453786		1.11	0.82	<0.05	0.1	<0.005	0.005	0.02	2.0	0.8	0.11	272	0.26	0.01	0.2	3.2
453787		6.57	7.14	<0.05	0.4	0.006	0.025	0.03	5.4	4.8	1.15	1200	0.37	<0.01	1.8	7.5
453788		16.35	13.55	0.16	2.7	0.008	0.074	2.20	16.0	39.8	1.92	1850	3.12	0.76	9.2	61.3
453789		17.20	19.10	0.08	2.8	0.009	0.056	0.02	5.7	29.7	3.98	3910	0.78	<0.01	8.0	16.6
453790		5.23	5.47	<0.05	0.6	<0.005	0.020	0.05	5.1	10.1	1.09	1470	0.36	<0.01	2.0	11.8
453791		9.41	10.30	0.07	1.3	<0.005	0.037	0.06	8.6	21.2	1.70	2010	1.13	0.23	6.9	14.9
453793		1.02	0.82	<0.05	0.1	0.006	<0.005	0.08	2.5	1.3	0.06	144	4.22	<0.01	1.5	4.3
453794		1.02	0.46	<0.05	<0.1	<0.005	<0.005	0.03	2.4	0.8	0.08	141	0.37	<0.01	0.5	2.2
453795		25.7	6.01	0.14	0.9	0.005	0.017	0.12	11.7	10.0	3.24	18850	0.84	<0.01	8.6	17.3
454938		14.15	14.45	0.06	2.8	<0.005	0.044	0.04	3.4	27.3	2.33	1900	0.09	<0.01	8.4	4.2
454939		2.47	3.64	<0.05	1.0	0.006	0.024	0.33	2.2	9.6	0.42	435	0.52	0.01	3.3	4.3
454940		19.65	6.34	0.13	1.0	<0.005	0.026	0.06	24.0	8.7	1.46	3630	0.95	<0.01	4.6	10.3
454941		5.66	4.63	0.06	1.3	0.015	0.010	0.01	6.4	5.5	0.98	857	2.08	<0.01	3.7	8.7
454942		14.15	6.82	0.11	1.0	<0.005	0.054	0.71	23.3	22.6	1.38	1890	0.08	<0.01	4.4	12.0
454943		2.55	0.52	<0.05	0.1	<0.005	<0.005	0.03	1.1	1.2	0.25	702	0.32	0.23	0.2	2.8
454944		2.94	0.49	<0.05	0.1	<0.005	<0.005	0.02	2.0	0.9	0.43	1180	0.46	0.26	0.2	1.5
454945		12.70	2.49	0.06	0.4	<0.005	0.017	0.23	6.1	8.5	1.42	7000	0.89	<0.01	1.5	11.7
454946		1.97	0.08	<0.05	<0.1	<0.005	<0.005	<0.01	<0.5	0.3	0.02	150	0.26	<0.01	<0.1	13.5
454947		17.00	8.59	0.12	1.0	<0.005	0.038	0.17	25.7	15.7	3.24	8980	0.11	<0.01	2.9	20.1
454948		13.20	5.64	0.11	0.9	0.007	0.042	0.46	21.3	17.8	1.96	5240	1.36	0.11	2.6	21.0
454949		21.4	7.20	0.11	1.5	<0.005	0.054	0.32	10.1	19.7	2.77	4310	0.10	<0.01	3.6	19.9
454950		4.07	1.24	<0.05	0.2	<0.005	0.010	0.03	2.7	2.8	0.43	888	0.15	<0.01	0.4	3.6

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206081

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
453770		650	2.0	116.0	0.005	0.79	0.11	13.9	2	1.6	10.2	0.99	0.15	3.26	0.402	7.70
453771		50	0.8	0.5	0.002	>10.0	0.06	0.1	5	<0.2	2.5	<0.05	0.83	0.06	<0.005	0.03
453772		130	0.5	1.2	<0.002	0.06	0.11	0.3	<1	<0.2	17.9	<0.05	<0.05	0.09	0.005	0.07
453773		60	1.1	0.5	<0.002	4.50	0.11	0.1	1	<0.2	5.7	<0.05	0.12	0.03	<0.005	<0.02
453774		1700	1.0	17.3	0.002	1.03	0.15	3.1	2	0.6	19.4	0.19	0.20	4.19	0.067	0.03
453775		80	1.4	0.3	<0.002	0.06	0.10	<0.1	<1	<0.2	3.4	<0.05	0.09	0.03	<0.005	<0.02
453776		270	4.8	122.0	<0.002	0.25	0.27	8.6	<1	1.3	27.0	0.54	<0.05	11.90	0.252	0.56
453777		140	121.5	11.7	<0.002	0.04	0.16	0.9	1	0.2	19.0	<0.05	0.27	0.69	0.015	0.05
453778		420	22.1	23.5	<0.002	0.04	0.17	3.3	<1	0.3	9.9	0.33	0.16	3.53	0.188	0.17
453779		3130	8.4	6.4	<0.002	0.38	1.52	37.0	3	1.1	344	0.54	<0.05	1.76	0.918	0.04
453780		290	3.4	64.6	<0.002	0.16	0.63	11.2	1	1.1	5.8	0.68	0.07	7.01	0.236	0.49
453781		140	6.0	39.8	<0.002	0.01	0.10	2.8	<1	0.4	36.1	0.19	<0.05	6.27	0.099	0.18
453782		300	1.8	28.2	<0.002	0.01	0.84	2.8	<1	0.4	13.0	0.21	<0.05	3.71	0.058	0.04
453783		70	2.7	49.1	0.002	0.01	0.10	3.9	<1	0.8	3.6	0.31	<0.05	4.69	0.077	0.52
453784		250	25.0	115.0	0.016	4.38	0.34	12.3	5	1.6	27.9	0.94	0.47	17.40	0.252	0.81
453785		210	2.8	8.6	<0.002	0.31	0.31	3.6	1	0.3	4.3	0.28	0.12	4.14	0.081	0.05
453786		20	0.9	0.9	<0.002	0.05	0.21	0.5	<1	<0.2	4.2	<0.05	<0.05	0.33	<0.005	<0.02
453787		240	2.1	1.9	<0.002	0.23	0.17	3.7	1	0.2	10.3	0.14	0.10	1.70	0.050	<0.02
453788		640	18.2	116.0	0.012	7.95	0.36	9.5	5	1.1	13.7	0.63	1.08	11.65	0.188	1.03
453789		650	2.8	1.8	0.003	0.19	0.11	13.5	1	0.3	3.8	0.68	0.10	13.95	0.240	<0.02
453790		250	1.5	2.6	<0.002	0.30	0.10	4.1	1	0.2	5.4	0.16	0.08	3.04	0.058	0.03
453791		330	2.8	2.8	0.003	0.18	0.08	12.2	<1	0.8	31.7	0.41	<0.05	4.52	0.262	0.02
453793		150	1.3	2.2	<0.002	0.29	0.13	0.3	1	0.3	3.5	<0.05	<0.05	0.25	0.015	0.07
453794		60	0.9	0.8	<0.002	0.18	0.06	0.1	<1	<0.2	1.1	<0.05	<0.05	0.16	0.005	0.03
453795		660	3.0	7.1	<0.002	0.24	0.08	3.7	1	0.5	11.4	0.46	<0.05	1.31	0.175	0.30
454938		390	1.5	3.9	<0.002	0.31	0.13	8.3	1	0.4	4.1	0.70	0.25	5.27	0.246	<0.02
454939		130	4.2	8.9	<0.002	0.09	0.15	2.7	<1	0.7	5.1	0.21	<0.05	2.05	0.072	0.03
454940		430	0.6	4.3	0.002	0.02	0.08	4.4	1	0.7	7.5	0.23	0.08	2.95	0.113	0.03
454941		1020	2.3	1.2	0.002	0.03	0.17	2.5	1	0.3	19.2	0.11	0.25	4.47	0.125	<0.02
454942		170	0.9	51.6	<0.002	0.28	0.11	4.5	1	1.2	3.5	0.36	0.06	5.54	0.107	0.42
454943		100	407	2.2	<0.002	0.12	0.29	0.4	1	<0.2	48.2	<0.05	0.48	0.32	0.006	0.02
454944		170	4.1	1.2	<0.002	0.04	0.14	0.6	<1	<0.2	82.2	<0.05	<0.05	0.54	0.009	<0.02
454945		290	7.3	14.6	0.002	0.26	0.15	1.9	<1	0.3	52.7	0.13	0.07	1.45	0.036	0.12
454946		20	1.0	0.2	<0.002	1.02	0.16	<0.1	1	<0.2	1.4	<0.05	0.09	0.02	<0.005	<0.02
454947		90	6.0	8.8	<0.002	0.04	0.19	5.3	<1	0.5	143.5	0.34	0.10	4.56	0.079	0.06
454948		340	7.1	23.0	<0.002	0.47	0.16	2.9	<1	0.7	41.9	0.20	0.18	3.57	0.071	0.24
454949		750	1.9	19.0	<0.002	1.91	0.10	3.0	1	0.4	6.6	0.16	0.38	4.67	0.085	0.21
454950		800	1.2	1.7	<0.002	0.24	0.14	0.6	<1	<0.2	11.0	<0.05	0.09	0.64	0.009	<0.02

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CERTIFICATE OF ANALYSIS VO17206081

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
453770		5.7	209	1.2	8.5	95	93.0
453771		0.3	2	<0.1	0.5	5	2.1
453772		0.1	33	<0.1	2.9	9	1.4
453773		0.1	1	<0.1	0.9	8	0.6
453774		0.9	39	0.2	7.1	70	25.1
453775		<0.1	<1	<0.1	0.2	2	<0.5
453776		1.8	53	0.7	7.3	56	236
453777		0.1	8	0.1	1.4	24	12.2
453778		0.6	30	0.4	2.3	31	53.9
453779		0.4	24	0.8	47.7	85	74.7
453780		3.4	165	1.1	4.9	100	62.2
453781		1.1	19	0.2	3.5	26	108.5
453782		0.6	24	0.2	9.3	50	22.1
453783		1.1	24	0.2	5.1	140	32.6
453784		4.9	100	2.2	13.6	89	133.5
453785		0.7	23	0.1	6.8	46	27.3
453786		0.1	5	0.1	1.1	6	2.2
453787		0.4	43	0.1	5.1	65	15.3
453788		3.7	67	1.0	16.7	174	100.5
453789		2.4	116	0.2	12.0	125	101.5
453790		0.6	32	0.1	5.1	36	24.6
453791		1.2	76	0.3	7.9	65	49.1
453793		1.0	6	0.2	2.0	5	6.3
453794		0.4	2	<0.1	1.2	8	2.1
453795		1.1	99	0.4	11.0	413	41.0
454938		1.1	63	0.2	3.8	110	101.5
454939		0.6	20	0.9	2.1	25	36.7
454940		0.5	41	0.3	5.6	65	42.2
454941		0.9	23	0.2	5.1	42	52.3
454942		1.0	32	0.2	5.0	66	37.0
454943		0.1	2	<0.1	2.2	11	2.5
454944		0.1	1	0.1	2.7	6	4.4
454945		0.5	14	0.1	5.2	38	17.7
454946		<0.1	<1	<0.1	0.2	<2	<0.5
454947		0.8	47	0.3	9.4	77	36.9
454948		0.8	29	0.1	5.3	236	34.0
454949		1.9	46	0.1	5.9	309	57.8
454950		0.3	6	<0.1	3.7	47	5.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206081

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206086

Project: KAN

This report is for 34 Rock samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
WEI- 21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17206086

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
442301		0.80	0.001	0.02	6.42	1.1	420	1.83	0.09	0.16	0.04	45.0	15.2	72	11.10	9.8
453426		1.04	0.001	0.23	1.01	0.4	60	0.67	0.02	0.01	<0.02	23.4	2.0	26	0.81	67.9
453584		1.00	0.003	0.23	0.07	0.2	<10	<0.05	0.02	0.09	0.03	0.55	18.3	18	0.07	101.5
453585		1.12	<0.001	0.17	0.08	0.4	10	<0.05	0.01	<0.01	<0.02	0.21	64.1	13	<0.05	58.7
453586		0.96	<0.001	0.15	1.07	0.7	30	0.18	0.01	0.16	<0.02	0.49	6.7	26	0.21	52.4
453587		0.87	<0.001	0.29	0.86	0.6	80	0.32	0.05	0.24	0.06	1.94	51.0	35	0.28	193.5
453588		0.85	<0.001	0.28	0.08	0.7	<10	0.06	0.02	0.11	0.02	0.78	5.0	22	0.06	17.3
453589		0.77	<0.001	0.09	0.10	1.0	<10	0.17	0.06	0.20	<0.02	4.67	11.2	26	<0.05	27.3
453590		0.96	<0.001	0.02	0.03	0.4	<10	0.07	0.01	0.20	0.02	0.81	0.9	17	0.05	2.9
453591		0.72	<0.001	0.06	0.04	<0.2	<10	0.13	0.03	0.21	0.03	4.20	5.5	11	0.17	9.8
453592		0.89	<0.001	0.31	0.38	0.8	10	0.11	0.01	0.20	0.03	5.11	8.6	16	0.31	59.3
453593		1.03	<0.001	0.47	0.15	0.4	<10	<0.05	0.01	0.16	0.03	2.96	1.9	52	0.16	64.0
453594		1.05	<0.001	0.28	0.17	0.8	10	<0.05	0.02	0.01	0.28	1.97	5.3	13	0.07	10.1
453595		1.21	<0.001	0.52	0.38	1.0	30	0.11	0.04	<0.01	0.03	1.37	16.2	14	0.16	25.4
453596		0.97	0.002	0.45	0.30	0.3	<10	0.06	0.02	0.62	0.57	12.10	2.4	20	0.06	55.5
453597		1.26	0.002	0.40	1.27	0.9	10	0.23	0.01	0.61	0.12	25.1	11.7	16	2.90	139.0
453598		0.78	0.005	0.24	0.06	0.7	10	0.08	0.09	4.45	0.07	10.60	12.9	8	0.15	34.3
453599		1.04	<0.001	0.23	0.20	0.8	10	0.08	0.05	0.03	<0.02	0.45	14.5	11	0.24	45.2
455021		0.84	0.001	0.11	0.06	1.3	10	0.12	0.01	0.71	0.04	2.57	2.3	17	0.07	4.9
455022		1.13	<0.001	0.03	0.54	1.1	20	0.20	0.01	0.08	<0.02	13.55	0.5	36	0.23	14.6
455023		0.89	0.001	0.04	0.49	9.6	10	0.29	0.04	0.25	0.08	11.15	6.0	13	0.29	3.3
455024		1.08	0.101	0.02	0.04	1.9	<10	0.08	0.01	0.94	0.03	1.72	1.9	15	<0.05	4.3
455025		0.91	<0.001	0.16	0.05	1.7	10	0.11	0.27	0.16	0.16	1.12	8.7	21	0.06	16.0
455026		0.87	0.002	0.22	0.04	1.2	<10	<0.05	0.07	0.02	0.02	0.41	2.7	13	0.05	50.2
455027		0.96	<0.001	0.09	0.20	0.5	10	0.14	0.01	0.48	0.15	6.50	2.5	13	0.16	24.3
455028		1.31	<0.001	0.01	0.25	0.3	<10	0.14	<0.01	2.68	0.07	3.28	3.6	7	0.07	2.0
455029		1.07	0.003	0.51	0.17	2.1	10	0.08	0.05	0.05	0.03	0.90	263	9	0.06	198.5
455030		1.10	<0.001	0.13	0.32	0.7	20	0.07	0.01	0.14	1.30	0.26	24.5	16	0.08	76.0
455031		0.66	<0.001	0.03	0.04	0.3	<10	<0.05	0.01	0.12	0.02	0.20	5.6	13	<0.05	8.1
455032		0.76	<0.001	0.23	0.38	0.7	30	0.09	0.06	0.09	0.03	0.36	22.0	21	0.10	56.9
455033		0.78	<0.001	0.14	1.06	0.7	40	0.19	0.04	0.42	0.03	1.19	13.9	39	0.15	26.7
455034		0.90	<0.001	0.05	1.45	0.7	60	0.22	0.02	0.89	0.06	2.33	8.5	31	0.30	24.8
455035		0.91	<0.001	0.26	7.01	2.0	150	0.70	0.05	0.47	0.06	4.25	25.4	159	0.44	68.7
455036		0.87	<0.001	0.04	0.18	0.6	10	<0.05	0.03	0.19	0.04	0.72	3.8	12	0.06	24.6

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206086

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
442301		10.10	15.90	0.10	2.3	<0.005	0.034	2.26	22.3	34.4	1.34	6930	0.76	0.64	6.9	26.1
453426		12.70	5.66	0.09	1.0	<0.005	0.030	0.53	13.0	8.1	0.19	779	3.75	0.03	2.3	14.1
453584		5.28	0.26	<0.05	<0.1	0.005	<0.005	0.03	<0.5	0.3	0.04	157	0.57	0.01	0.1	53.1
453585		4.34	0.31	<0.05	<0.1	0.007	<0.005	0.04	<0.5	0.4	0.01	60	0.38	<0.01	0.1	4.3
453586		3.99	2.63	<0.05	0.2	<0.005	0.007	0.36	<0.5	0.9	0.09	271	0.17	0.23	0.2	19.0
453587		8.10	2.41	0.05	0.3	0.005	0.014	0.42	0.9	3.1	0.10	637	0.21	0.02	1.4	49.4
453588		4.30	0.38	<0.05	<0.1	<0.005	0.005	0.01	<0.5	0.8	0.10	590	0.22	0.02	0.1	2.3
453589		5.56	0.56	<0.05	0.1	0.005	<0.005	<0.01	2.6	0.6	0.27	1620	0.26	<0.01	1.1	13.3
453590		1.98	0.16	<0.05	<0.1	<0.005	<0.005	<0.01	0.5	0.4	0.10	597	0.18	<0.01	0.3	1.6
453591		9.16	0.28	0.05	<0.1	0.008	<0.005	<0.01	2.7	0.2	0.39	2820	0.22	<0.01	0.2	5.4
453592		9.51	1.48	0.05	0.1	0.009	0.007	0.10	3.2	3.0	0.35	1790	0.54	0.01	0.4	19.2
453593		8.82	0.67	0.05	<0.1	0.012	0.016	0.02	1.9	1.4	0.37	1470	0.27	<0.01	0.1	14.1
453594		2.47	0.48	<0.05	0.1	0.013	<0.005	0.06	1.0	0.7	0.02	171	0.14	0.04	0.1	11.5
453595		8.39	1.12	0.06	0.1	0.008	0.005	0.19	0.7	1.6	0.02	155	0.20	0.01	0.3	42.6
453596		9.30	1.59	0.07	0.3	<0.005	0.022	0.04	7.0	2.4	0.67	1360	1.21	<0.01	0.6	8.9
453597		18.75	4.88	0.12	0.3	0.006	0.016	0.33	14.6	13.2	2.26	2910	2.18	<0.01	0.8	55.1
453598		18.05	0.40	0.08	<0.1	0.006	0.016	0.02	6.8	0.6	2.64	3700	0.55	<0.01	0.9	16.5
453599		7.48	0.79	0.05	<0.1	0.007	<0.005	0.06	<0.5	1.4	0.13	256	0.18	0.01	0.7	16.7
455021		2.49	0.39	<0.05	<0.1	0.008	<0.005	0.02	1.5	0.8	0.25	329	1.10	<0.01	0.2	4.2
455022		2.30	2.34	<0.05	0.6	0.014	0.013	0.15	7.6	3.0	0.15	270	3.29	0.01	2.9	1.8
455023		3.91	2.04	<0.05	0.2	<0.005	<0.005	0.05	5.5	4.5	0.75	5850	1.74	<0.01	2.7	18.5
455024		2.07	0.33	<0.05	<0.1	0.007	<0.005	<0.01	0.8	0.4	0.31	1060	0.14	0.01	0.9	3.1
455025		3.80	0.26	<0.05	<0.1	<0.005	<0.005	0.02	0.6	0.5	0.15	870	0.18	<0.01	0.8	10.6
455026		4.76	0.27	<0.05	<0.1	<0.005	<0.005	0.02	<0.5	0.4	0.04	376	0.14	0.01	0.2	3.0
455027		11.65	0.76	0.05	0.1	<0.005	0.013	0.07	4.0	0.8	0.85	3880	0.37	<0.01	0.3	8.1
455028		20.7	1.28	0.08	0.1	<0.005	0.017	0.06	2.0	2.2	3.46	6890	0.39	<0.01	0.6	2.3
455029		12.40	0.54	0.06	0.1	<0.005	0.005	0.08	<0.5	0.5	0.04	180	0.21	0.01	0.1	159.0
455030		4.02	0.99	<0.05	<0.1	0.010	0.029	0.15	<0.5	0.7	0.09	260	0.14	0.01	<0.1	32.5
455031		1.28	0.14	<0.05	<0.1	<0.005	<0.005	0.01	<0.5	0.2	0.05	185	0.13	<0.01	0.4	5.5
455032		5.26	0.97	<0.05	0.1	0.005	0.009	0.18	<0.5	0.8	0.07	183	0.14	0.01	0.1	39.6
455033		4.69	2.79	<0.05	0.3	0.006	0.014	0.31	0.5	4.4	0.67	471	0.19	0.02	0.1	13.5
455034		2.33	3.36	<0.05	0.2	0.007	0.021	0.54	1.0	2.4	0.47	978	0.14	0.25	0.2	33.7
455035		12.80	15.90	0.07	1.0	0.010	0.059	1.54	1.5	35.7	4.67	1210	0.19	0.32	0.4	101.0
455036		1.61	0.47	<0.05	<0.1	<0.005	<0.005	0.05	<0.5	0.9	0.14	173	0.11	0.01	<0.1	14.0

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Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206086

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
442301		180	5.4	151.5	<0.002	0.03	0.17	8.8	<1	1.2	33.0	0.54	<0.05	7.62	0.234	5.07
453426		230	2.9	18.3	<0.002	0.66	1.12	3.4	2	1.0	4.0	0.13	0.49	1.23	0.040	0.85
453584		10	6.5	1.2	<0.002	3.31	0.15	0.4	2	<0.2	2.4	<0.05	0.11	0.06	<0.005	0.05
453585		10	0.7	1.3	<0.002	1.92	0.08	0.3	2	<0.2	0.5	<0.05	0.08	0.03	<0.005	0.05
453586		70	2.6	11.5	<0.002	0.70	0.10	7.0	1	0.2	13.8	<0.05	0.08	0.04	0.020	0.51
453587		130	2.2	14.4	<0.002	2.95	0.13	5.5	3	0.3	5.5	0.07	0.19	0.09	0.085	0.35
453588		40	1.0	0.7	<0.002	1.11	0.09	0.1	<1	<0.2	2.2	<0.05	0.22	0.03	<0.005	0.03
453589		330	1.1	0.1	<0.002	1.47	0.09	0.3	2	<0.2	2.1	0.07	0.19	0.21	0.021	<0.02
453590		60	0.5	0.2	<0.002	0.22	0.10	0.1	<1	<0.2	1.8	<0.05	<0.05	0.03	<0.005	<0.02
453591		320	1.5	0.3	<0.002	1.01	0.11	0.1	1	<0.2	2.9	<0.05	0.07	0.09	<0.005	<0.02
453592		140	2.4	5.8	<0.002	2.04	0.16	0.5	2	0.2	7.1	0.05	0.22	0.17	0.007	0.29
453593		70	1.6	1.1	<0.002	1.66	0.10	0.2	1	<0.2	5.7	<0.05	0.41	0.07	<0.005	0.09
453594		10	2.5	2.2	<0.002	0.93	0.10	0.2	1	<0.2	2.6	<0.05	<0.05	0.28	<0.005	0.07
453595		10	4.2	7.8	<0.002	5.45	0.12	0.6	3	0.2	2.7	<0.05	0.11	0.23	0.007	0.16
453596		210	2.0	1.4	<0.002	1.63	0.17	1.0	1	<0.2	18.2	<0.05	0.61	0.45	0.009	0.08
453597		650	4.4	25.1	0.003	5.15	0.27	2.4	5	<0.2	23.2	0.07	0.52	0.58	0.018	1.83
453598		360	2.3	0.7	<0.002	4.47	0.11	0.2	3	<0.2	42.1	<0.05	0.25	0.16	0.007	0.04
453599		20	0.9	2.6	<0.002	4.29	0.13	0.2	2	0.2	1.4	<0.05	0.23	0.03	0.011	0.13
455021		50	1.7	1.1	<0.002	0.48	0.09	0.1	<1	<0.2	22.8	<0.05	0.05	0.05	<0.005	0.03
455022		130	1.0	6.4	<0.002	0.17	0.20	2.1	<1	0.3	3.7	0.19	0.07	1.07	0.074	0.12
455023		600	7.2	2.7	<0.002	0.08	0.07	1.0	<1	0.2	8.8	0.08	<0.05	0.72	0.021	0.02
455024		310	1.3	0.2	<0.002	0.11	0.12	0.2	<1	<0.2	18.9	<0.05	<0.05	0.07	0.010	<0.02
455025		180	31.2	0.7	<0.002	1.05	0.10	0.1	2	<0.2	4.9	<0.05	0.22	0.04	0.008	<0.02
455026		30	1.3	0.7	<0.002	2.08	0.07	<0.1	1	<0.2	1.3	<0.05	0.12	0.01	<0.005	<0.02
455027		290	1.1	3.0	<0.002	0.32	0.16	0.6	<1	<0.2	12.5	<0.05	<0.05	0.26	<0.005	0.10
455028		240	0.7	2.2	<0.002	0.06	0.06	0.8	<1	<0.2	39.4	0.05	<0.05	0.14	0.007	0.08
455029		30	4.6	2.2	<0.002	9.52	0.14	0.8	6	<0.2	2.6	<0.05	0.28	0.07	<0.005	0.03
455030		10	3.2	4.3	<0.002	1.84	0.10	2.6	2	0.2	5.8	<0.05	0.09	0.02	<0.005	0.08
455031		10	0.8	0.5	<0.002	0.15	0.06	0.3	<1	<0.2	3.5	<0.05	<0.05	0.02	0.037	<0.02
455032		20	2.5	4.6	<0.002	2.36	0.11	2.1	1	0.2	4.6	<0.05	0.15	0.05	0.009	0.10
455033		40	2.3	8.3	<0.002	0.48	0.10	3.4	1	0.3	15.2	<0.05	0.10	0.08	0.020	0.18
455034		60	3.5	14.9	<0.002	0.16	0.11	7.0	<1	0.3	32.7	<0.05	0.05	0.16	0.033	0.32
455035		210	3.7	19.6	<0.002	0.36	0.11	29.1	1	1.2	36.7	<0.05	0.17	0.15	0.106	0.74
455036		10	25.4	1.2	<0.002	0.51	0.07	0.8	<1	<0.2	3.1	<0.05	0.10	0.02	0.006	0.03

***** See Appendix Page for comments regarding this certificate *****

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206086

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
442301		1.5	68	1.2	5.0	49	80.4
453426		0.8	68	0.3	2.7	33	42.3
453584		0.1	3	<0.1	0.4	2	2.5
453585		0.1	5	<0.1	0.2	2	0.8
453586		0.1	50	0.2	1.6	5	5.5
453587		0.1	48	0.3	1.9	8	9.8
453588		0.1	7	<0.1	0.7	11	0.5
453589		0.1	8	<0.1	1.7	3	3.7
453590		0.1	2	<0.1	0.7	2	<0.5
453591		0.1	3	<0.1	2.4	6	1.0
453592		0.2	18	<0.1	1.8	23	4.8
453593		0.1	8	<0.1	1.6	25	2.6
453594		<0.1	2	<0.1	0.3	45	2.0
453595		0.1	5	0.1	0.2	6	4.4
453596		0.8	20	0.1	2.6	183	13.0
453597		1.0	57	0.1	5.6	71	18.0
453598		0.2	7	<0.1	5.4	10	3.1
453599		0.1	14	0.1	0.5	4	<0.5
455021		2.1	6	0.1	2.2	3	3.6
455022		0.8	38	0.1	1.4	15	27.3
455023		1.1	21	0.1	4.2	44	10.4
455024		<0.1	2	0.1	2.0	2	1.0
455025		<0.1	6	0.1	1.1	21	0.8
455026		<0.1	4	<0.1	0.2	5	<0.5
455027		0.4	11	0.1	3.2	51	4.3
455028		0.2	20	0.1	4.8	35	5.9
455029		0.1	6	0.1	0.4	4	2.2
455030		<0.1	16	0.1	1.8	100	<0.5
455031		<0.1	3	1.0	0.4	3	<0.5
455032		0.1	17	0.2	0.4	8	2.2
455033		0.1	39	0.3	1.1	25	9.9
455034		0.2	52	0.3	1.5	14	8.2
455035		0.1	269	1.6	2.4	163	30.6
455036		<0.1	8	0.1	0.6	4	0.8

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206086

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 2- OCT- 2017
This copy reported on
6- OCT- 2017
Account: MINVIR

CERTIFICATE VO17206123

Project: KAN

P.O. No.: KAN- 035

This report is for 20 Rock samples submitted to our lab in Val d'Or, QC, Canada on 22- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
LOG- 23	Pulp Login - Rcvd with Barcode
WEI- 21	Received Sample Weight

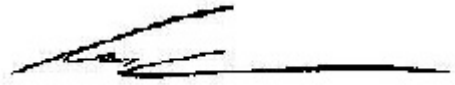
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: LEE SCHOLL
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 2- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206123

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
442081		3.71	0.080	0.11	1.43	1.1	110	0.53	0.09	0.20	0.51	16.10	7.7	21	2.76	77.7
442082		<0.02	0.016	0.10	1.49	1.1	110	0.54	0.09	0.20	0.53	17.50	8.3	21	2.93	81.4
442083		4.80	0.893	0.09	1.74	1.1	100	0.48	0.08	6.10	1.82	24.2	7.6	16	2.24	56.7
442084		3.98	0.244	0.08	1.84	0.7	180	0.62	0.07	2.95	1.13	18.00	8.5	20	4.11	60.1
442085		4.71	0.297	0.12	1.53	2.4	160	0.51	0.20	0.87	0.26	27.2	10.3	19	3.43	120.5
442086		3.74	3.29	0.20	1.89	<0.2	170	0.55	0.17	0.80	0.43	17.80	9.7	26	3.46	94.2
442087		0.06	8.26	1.55	7.84	103.0	210	4.10	3.84	1.98	4.34	27.5	18.6	60	2.61	118.0
442088		3.11	0.190	0.14	2.30	0.3	180	0.54	0.17	0.60	0.49	28.7	9.5	25	3.86	84.4
442089		4.26	0.001	0.07	2.20	<0.2	230	0.60	0.11	0.45	0.40	26.9	7.1	26	5.02	27.0
442090		4.20	0.112	0.04	0.71	0.7	70	0.19	0.05	0.34	0.16	18.00	3.2	22	1.19	23.2
442091		3.06	0.056	0.08	2.03	0.2	210	0.62	0.09	0.46	0.30	20.4	9.1	24	4.12	67.1
442092		2.79	0.609	0.42	0.47	1.4	40	0.12	0.14	0.23	0.31	7.26	7.8	21	0.82	64.1
442093		3.57	0.002	0.04	1.66	<0.2	230	0.66	0.04	0.73	0.22	25.3	7.4	21	4.93	15.8
442094		3.06	0.319	0.09	1.21	0.2	140	0.51	0.23	2.92	0.56	23.0	5.7	17	2.86	18.7
442095		3.31	0.070	0.07	1.66	<0.2	120	0.51	0.06	3.59	1.06	21.6	7.7	18	2.62	48.0
442096		0.06	1.270	1.09	8.24	104.0	130	4.93	3.06	2.37	2.65	24.7	19.5	67	2.62	62.7
442097		4.09	0.193	0.27	1.33	0.3	140	0.62	0.06	1.97	0.36	22.8	6.4	18	3.29	18.8
442098		3.78	0.173	0.05	0.05	1.4	<10	<0.05	0.02	0.03	0.02	0.27	4.2	23	<0.05	35.6
442099		2.06	0.008	0.03	0.15	12.2	10	0.05	0.06	1.02	0.16	1.50	1.2	30	0.16	9.7
442100		4.67	5.82	64.8	2.16	1.5	200	0.46	129.0	1.35	5.62	28.2	8.3	38	4.76	26.2

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 2- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206123

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
442081		19.75	4.50	0.08	0.6	0.005	0.030	0.31	9.0	11.4	0.70	4190	0.13	0.03	2.4	15.8
442082		21.0	4.64	0.10	0.6	0.006	0.035	0.32	10.0	11.5	0.73	4400	0.15	0.03	2.6	17.4
442083		23.2	4.66	0.10	0.6	0.008	0.040	0.27	13.8	11.0	2.24	6880	0.09	0.10	2.0	15.7
442084		23.8	5.32	0.11	0.7	0.009	0.034	0.48	10.2	12.5	1.85	5790	0.12	0.06	2.8	19.8
442085		20.7	4.66	0.09	0.5	<0.005	0.039	0.41	15.8	9.4	1.30	3640	0.62	<0.01	2.4	31.0
442086		23.2	5.49	0.12	0.7	0.012	0.044	0.51	10.0	12.2	1.44	3010	0.17	<0.01	3.2	20.5
442087		5.67	26.6	0.08	1.7	0.017	0.165	4.66	14.2	2.8	1.65	441	1.51	3.43	15.1	68.7
442088		25.4	7.10	0.13	0.7	0.009	0.046	0.52	16.1	15.6	1.58	4250	0.16	<0.01	3.3	19.0
442089		23.3	6.22	0.12	0.7	0.008	0.036	0.84	15.6	24.8	2.24	4820	0.12	<0.01	3.9	14.3
442090		8.99	2.03	0.06	0.2	<0.005	0.016	0.19	11.0	5.7	0.77	1880	0.15	0.01	0.9	8.2
442091		20.8	6.11	0.11	0.6	0.007	0.040	0.50	12.1	13.6	1.64	3510	0.22	<0.01	3.3	20.0
442092		6.30	1.42	0.05	0.1	<0.005	0.013	0.06	4.0	2.4	0.26	762	0.15	<0.01	0.6	16.4
442093		20.9	4.88	0.10	0.6	0.006	0.036	0.65	14.5	17.0	1.61	4370	0.28	0.01	2.7	12.1
442094		17.20	3.20	0.09	0.4	0.006	0.023	0.36	13.7	9.5	1.49	5160	0.60	0.22	1.8	8.7
442095		21.2	4.46	0.10	0.6	0.007	0.041	0.33	13.7	12.5	1.88	5370	0.21	0.06	2.4	15.9
442096		5.51	26.6	0.08	1.8	0.018	0.096	4.39	12.5	3.0	1.86	490	1.49	3.72	16.5	74.3
442097		19.45	3.94	0.09	0.5	0.009	0.033	0.40	14.0	11.9	1.50	5390	0.36	0.13	2.1	10.1
442098		2.34	0.23	<0.05	<0.1	<0.005	<0.005	0.01	<0.5	0.5	0.03	105	0.14	<0.01	0.1	13.7
442099		2.43	0.50	<0.05	<0.1	<0.005	0.007	0.02	0.8	1.2	0.29	894	0.17	<0.01	0.3	2.9
442100		17.25	6.40	0.12	0.8	0.012	0.028	0.52	17.0	19.2	1.81	3210	1.46	0.01	3.8	24.5

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 2- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206123

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
442081		450	6.2	22.6	<0.002	0.23	0.12	2.5	1	0.5	14.9	0.19	0.13	3.25	0.052	0.21
442082		460	6.1	24.2	<0.002	0.22	0.11	2.6	2	0.6	14.5	0.20	0.14	3.57	0.056	0.21
442083		810	13.3	18.6	<0.002	1.13	0.12	3.2	2	0.5	293	0.17	0.10	4.10	0.050	0.18
442084		1040	7.8	33.3	<0.002	1.37	0.16	3.4	2	0.6	127.5	0.23	0.14	3.73	0.067	0.32
442085		1070	5.9	26.4	0.002	2.29	0.15	2.5	3	0.5	41.7	0.20	0.43	3.71	0.059	0.27
442086		1060	4.2	32.3	<0.002	1.48	0.13	3.3	2	0.5	36.6	0.25	0.40	3.61	0.077	0.29
442087		930	197.5	470	0.003	3.46	2.28	5.3	4	1.3	254	1.03	0.79	1.62	0.484	1.94
442088		1720	6.6	36.8	<0.002	0.69	0.13	3.6	2	0.7	32.7	0.26	0.25	5.14	0.073	0.34
442089		1110	3.9	48.0	<0.002	0.54	0.09	3.6	1	1.0	21.0	0.30	0.14	4.70	0.082	0.47
442090		990	2.9	11.6	<0.002	0.66	0.10	1.1	1	0.2	21.7	0.08	0.08	1.49	0.023	0.10
442091		1300	2.9	35.0	<0.002	1.14	0.10	3.2	2	0.6	26.8	0.24	0.26	4.15	0.070	0.34
442092		610	3.7	5.7	<0.002	1.08	0.13	0.8	1	0.2	15.5	0.05	0.16	1.02	0.015	0.06
442093		280	3.5	38.3	<0.002	0.31	0.11	3.1	1	0.6	35.4	0.22	0.06	4.19	0.058	0.35
442094		850	19.9	23.2	<0.002	0.37	0.10	2.3	1	0.4	187.5	0.15	0.12	3.05	0.044	0.19
442095		1030	8.1	22.4	<0.002	1.13	0.10	3.1	1	0.5	186.5	0.22	0.11	3.37	0.055	0.20
442096		1030	145.0	397	0.002	2.90	1.68	5.6	4	1.2	276	1.21	0.43	1.53	0.533	1.46
442097		1000	6.1	24.9	<0.002	0.32	0.10	2.5	1	0.5	129.5	0.19	0.11	3.48	0.049	0.21
442098		10	1.1	0.3	<0.002	1.29	0.12	0.1	1	<0.2	1.6	<0.05	0.11	0.03	<0.005	<0.02
442099		160	4.3	1.5	<0.002	0.14	0.16	0.4	<1	<0.2	45.2	<0.05	0.07	0.21	0.005	<0.02
442100		440	8740	32.6	0.005	0.54	0.72	4.1	17	0.8	58.2	0.29	79.1	5.18	0.093	0.28

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 2- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206123

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
442081		0.5	23	0.1	4.9	102	21.5
442082		0.6	24	0.1	5.1	109	22.7
442083		0.6	20	0.1	11.8	126	21.0
442084		0.7	27	0.1	10.9	107	26.9
442085		0.5	26	0.1	6.8	58	21.1
442086		0.6	31	0.1	6.2	77	27.2
442087		0.9	61	0.6	6.8	337	73.0
442088		0.6	33	0.1	9.1	118	29.0
442089		0.7	31	0.1	7.0	88	28.9
442090		0.2	10	<0.1	4.8	32	7.9
442091		0.5	29	0.1	7.8	80	25.2
442092		0.2	7	<0.1	3.1	45	5.7
442093		0.5	27	0.1	4.9	49	23.9
442094		0.4	22	0.1	8.4	52	17.8
442095		0.5	24	0.1	9.5	96	23.7
442096		0.8	66	0.6	7.0	238	78.3
442097		0.5	22	0.1	8.4	49	20.5
442098		<0.1	1	<0.1	0.2	3	<0.5
442099		0.1	2	<0.1	2.2	8	1.2
442100		1.1	35	0.1	7.0	65	33.5

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Finalized Date: 2- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17206123

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17206125

Projet: KAN

Bon de commande #: KAN- 036

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 22- SEPT- 2017.

Les résultats sont transmis à:

ANTOINE FECTEAU CORPORATIF WEBTREIVE	CHARLES GAUMOND	PASCAL SIMARD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206125

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442101		3.46	0.013	5.21	1.28	1.2	160	0.39	13.85	4.76	1.52	21.5	3.1	63	3.74	4.5
442102		<0.02	0.018	8.24	1.38	1.0	180	0.46	14.10	5.08	1.63	24.2	3.3	55	4.08	4.9
442103		3.95	0.020	0.06	0.64	1.6	60	0.12	0.17	0.25	0.14	11.60	1.9	70	1.57	10.1
442104		4.04	<0.001	1.28	0.31	1.2	30	0.07	4.49	0.22	0.24	4.39	0.9	79	0.90	2.8
442105		2.82	<0.001	0.11	0.14	2.1	20	<0.05	0.31	0.05	0.04	0.13	0.7	75	0.97	4.8
442106		3.34	<0.001	0.10	2.07	0.5	180	0.47	0.18	1.71	0.64	13.75	6.2	42	5.04	16.5
442107		0.06	8.27	1.51	7.84	100.0	210	4.03	3.76	1.99	4.53	27.4	18.7	59	2.62	119.5
442108		2.57	<0.001	0.01	0.86	1.6	30	0.13	0.05	0.73	0.37	1.32	1.8	61	0.73	3.8
442109		5.12	<0.001	0.02	0.91	1.0	60	0.15	0.05	0.46	0.36	7.49	2.1	70	1.26	7.1
442110		5.40	0.002	<0.01	0.53	1.4	30	0.11	0.03	0.49	0.23	0.34	1.2	58	0.56	5.3
442111		0.18	0.017	<0.01	0.04	0.6	200	<0.05	0.04	18.30	0.02	1.49	0.4	1	0.32	0.8
442112		3.93	0.024	0.08	0.35	1.6	10	0.05	0.05	0.25	0.16	0.41	0.8	22	0.15	3.2
442113		4.61	<0.001	0.01	0.10	0.9	<10	<0.05	0.02	0.27	0.10	0.77	0.4	21	0.05	1.3
442114		3.98	0.258	0.08	0.97	1.6	90	0.24	0.10	0.13	0.14	10.30	2.3	23	3.39	52.5
442115		2.91	0.096	0.21	1.64	1.2	160	0.36	0.18	0.59	0.11	13.25	2.7	23	5.85	65.4
442116		0.11	1.310	1.04	8.16	103.5	130	4.80	3.16	2.30	2.81	25.8	19.5	64	2.70	62.4
442117		1.99	0.002	0.11	1.34	1.3	90	0.28	0.26	1.28	0.35	3.69	4.1	14	4.04	29.9
442118		3.93	0.004	0.11	2.60	1.4	240	0.70	0.26	0.51	0.22	27.5	6.6	26	8.91	27.0
442119		4.44	<0.001	0.11	3.20	0.6	250	0.88	0.24	0.21	0.18	36.5	9.8	30	7.05	82.8
442120		3.05	<0.001	<0.01	0.19	1.2	10	<0.05	0.01	0.14	0.06	0.52	0.4	20	0.10	1.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206125

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
442101		13.30	3.66	0.08	0.7	<0.005	0.017	0.43	13.0	16.6	1.86	4400	3.62	0.03	3.2	10.3
442102		14.10	3.84	0.07	0.8	<0.005	0.015	0.47	14.5	17.9	1.98	4670	3.29	0.03	3.4	10.7
442103		4.58	1.86	<0.05	0.3	0.007	0.011	0.16	6.6	5.8	0.45	658	3.13	0.01	1.0	8.7
442104		2.91	0.88	<0.05	0.1	<0.005	0.008	0.08	2.6	2.6	0.24	499	3.73	0.01	0.4	3.3
442105		1.40	0.37	<0.05	<0.1	0.006	0.010	0.05	<0.5	0.6	0.10	142	3.79	<0.01	0.1	2.2
442106		18.00	5.52	0.07	0.7	<0.005	0.027	0.47	7.9	18.5	1.81	3440	1.88	0.03	3.4	13.4
442107		5.52	26.3	0.08	1.6	0.015	0.170	4.71	14.3	2.7	1.63	437	1.49	3.39	14.7	68.5
442108		7.13	2.34	<0.05	0.1	<0.005	0.017	0.07	0.7	6.3	0.68	1460	3.33	0.02	0.6	5.2
442109		6.89	2.60	<0.05	0.3	0.005	0.016	0.13	4.3	7.5	0.67	1110	3.20	0.01	1.3	7.1
442110		4.54	1.38	<0.05	0.1	0.009	0.012	0.08	<0.5	7.0	0.44	841	3.15	0.02	0.6	2.9
442111		0.18	0.17	0.10	0.1	<0.005	<0.005	0.02	0.8	14.2	13.20	302	0.09	0.02	0.1	0.6
442112		2.97	0.95	<0.05	<0.1	<0.005	0.007	0.01	<0.5	3.6	0.23	546	0.18	0.02	0.1	1.6
442113		1.20	0.29	<0.05	<0.1	0.006	<0.005	<0.01	<0.5	1.0	0.11	380	0.15	0.01	0.1	1.2
442114		10.65	2.87	<0.05	0.3	<0.005	0.012	0.19	6.0	4.4	0.56	1320	0.15	0.06	1.6	3.5
442115		15.15	4.32	0.07	0.3	0.006	0.027	0.30	7.4	6.3	0.88	1220	0.14	0.06	2.2	3.1
442116		5.36	26.6	0.06	1.8	0.009	0.098	4.27	13.1	2.8	1.80	470	1.35	3.64	16.0	73.4
442117		12.20	3.76	0.05	0.2	0.005	0.023	0.15	1.9	4.8	0.98	2600	0.11	0.07	0.7	7.3
442118		17.85	7.33	0.09	0.9	0.006	0.040	0.60	16.7	17.2	1.79	2270	0.45	0.10	3.6	17.0
442119		21.5	8.29	0.11	1.4	<0.005	0.034	0.72	21.1	21.5	2.31	2150	0.56	0.03	5.4	23.9
442120		1.73	0.55	<0.05	<0.1	0.007	<0.005	0.01	<0.5	1.9	0.13	249	0.14	0.01	0.1	1.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206125

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
442101		380	896	24.7	0.003	0.10	0.23	3.0	2	0.5	206	0.20	7.29	3.40	0.076	0.22
442102		380	911	26.9	0.004	0.10	0.22	3.2	2	0.6	221	0.21	8.99	3.85	0.081	0.24
442103		100	10.7	8.7	<0.002	0.15	0.15	1.1	<1	0.2	12.2	0.07	0.06	1.86	0.028	0.07
442104		60	309	4.0	<0.002	0.05	0.16	0.5	1	<0.2	8.3	<0.05	2.15	0.58	0.010	0.04
442105		<10	22.7	2.0	<0.002	0.04	0.18	0.2	<1	<0.2	4.0	<0.05	<0.05	0.02	<0.005	<0.02
442106		250	15.8	28.6	<0.002	0.20	0.18	3.6	1	0.6	62.1	0.24	0.13	3.68	0.074	0.24
442107		940	179.0	480	0.002	3.33	2.01	5.4	4	1.3	251	0.89	0.80	1.67	0.479	2.01
442108		100	4.9	4.4	<0.002	0.06	0.20	1.3	<1	0.2	23.7	0.05	<0.05	0.48	0.013	0.03
442109		90	3.3	8.8	<0.002	0.09	0.13	1.6	<1	0.2	20.6	0.11	<0.05	1.68	0.034	0.07
442110		50	1.7	4.5	<0.002	0.12	0.14	0.9	<1	0.2	20.8	0.05	<0.05	0.30	0.014	0.04
442111		20	3.2	0.8	<0.002	0.01	0.13	0.1	<1	<0.2	116.0	<0.05	<0.05	0.14	<0.005	0.04
442112		260	3.1	1.0	<0.002	0.06	0.13	0.6	<1	<0.2	9.8	<0.05	<0.05	0.02	<0.005	<0.02
442113		30	2.3	0.3	<0.002	0.01	0.11	0.2	<1	<0.2	6.6	<0.05	<0.05	0.06	<0.005	<0.02
442114		270	7.0	13.8	<0.002	0.09	0.16	1.4	1	0.4	14.3	0.09	0.11	1.61	0.029	0.11
442115		1490	11.6	21.2	<0.002	0.13	0.19	2.0	2	0.5	33.5	0.14	0.17	2.26	0.040	0.15
442116		1020	156.5	398	0.002	2.83	1.71	5.6	4	1.2	271	1.05	0.45	1.56	0.511	1.58
442117		610	24.3	8.7	<0.002	0.28	0.21	1.7	1	0.3	50.0	0.08	<0.05	0.34	0.011	0.04
442118		610	20.1	34.0	<0.002	0.22	0.27	4.2	1	0.9	35.1	0.28	0.12	5.57	0.085	0.23
442119		640	9.8	41.1	0.003	0.56	0.21	5.4	1	1.3	20.2	0.42	0.27	7.87	0.131	0.38
442120		10	1.1	0.7	<0.002	0.02	0.13	0.3	<1	<0.2	6.5	<0.05	<0.05	0.10	<0.005	<0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206125

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442101		1.0	22	0.1	9.7	54	27.1
442102		1.1	23	0.1	10.3	57	29.3
442103		0.4	10	0.1	2.0	21	9.5
442104		0.1	5	0.1	1.1	12	2.9
442105		<0.1	2	<0.1	0.1	6	<0.5
442106		0.8	30	0.1	6.7	70	26.4
442107		0.9	61	0.5	7.3	339	69.2
442108		0.2	12	0.1	2.5	44	5.1
442109		0.4	14	0.1	2.2	45	12.9
442110		0.2	7	0.1	1.1	32	5.4
442111		0.2	1	0.2	0.8	7	1.8
442112		<0.1	4	<0.1	1.9	21	0.6
442113		<0.1	1	<0.1	0.7	6	<0.5
442114		0.2	14	0.1	3.3	30	9.6
442115		0.3	22	0.1	7.4	46	13.5
442116		0.7	65	0.6	7.6	246	75.2
442117		0.1	18	0.1	5.7	43	6.0
442118		0.7	35	0.1	6.2	80	33.2
442119		1.3	40	0.2	7.5	89	51.3
442120		<0.1	3	<0.1	0.4	13	0.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206125

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17206126

Projet: KAN

Bon de commande #: KAN- 037

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 22- SEPT- 2017.

Les résultats sont transmis à:

ANTOINE FECTEAU CORPORATIF WEBTREIVE	CHARLES GAUMOND	PASCAL SIMARD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 1- OCT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17206126

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442121		3.09	<0.001	0.07	0.51	1.6	20	0.11	0.21	1.54	0.41	1.84	1.4	43	0.38	4.1
442122		<0.02	0.002	0.11	0.49	1.6	20	0.09	0.45	1.56	0.39	2.36	1.3	51	0.37	3.8
442123		1.78	0.200	0.08	1.72	0.7	170	0.49	0.12	0.35	0.21	29.2	6.7	29	5.99	78.8
442124		2.58	0.086	0.03	1.00	0.8	110	0.38	0.09	0.14	0.11	14.15	3.5	49	4.00	40.9
442125		4.17	0.011	2.85	2.79	0.8	220	0.57	12.05	1.71	0.85	35.9	6.8	57	5.69	36.7
442126		3.44	0.001	0.59	3.03	0.5	240	0.60	1.64	1.64	0.62	34.5	9.7	43	6.34	36.8
442127		0.07	8.16	1.60	7.99	107.5	210	4.01	4.02	2.03	4.53	27.6	18.7	61	2.67	118.0
442128		3.33	0.037	0.06	1.25	1.4	80	0.21	0.15	0.56	0.30	11.15	3.7	44	2.07	11.8
442129		3.29	<0.001	0.07	1.28	0.5	200	1.07	0.13	1.31	0.37	16.35	5.8	27	3.65	1.9
442130		3.76	<0.001	0.09	0.78	0.7	90	0.47	0.25	1.27	0.18	10.40	3.7	60	1.31	8.7
442131		0.20	<0.001	0.01	0.09	0.6	150	0.06	0.05	17.60	0.10	2.25	0.9	4	0.37	1.3
442132		2.50	<0.001	0.02	1.55	0.4	130	0.59	0.05	0.98	0.25	12.50	4.9	28	2.14	6.2
442133		2.86	<0.001	0.03	1.39	0.6	170	0.81	0.06	0.44	0.30	17.30	5.1	41	2.81	3.2
442134		2.49	<0.001	0.01	0.87	0.7	80	0.52	0.03	1.08	0.21	14.10	3.5	40	1.12	12.5
442135		3.15	<0.001	0.03	1.71	0.5	200	0.81	0.03	1.13	0.35	24.5	6.1	28	3.49	15.0
442136		0.11	1.345	1.04	7.95	106.5	130	4.85	2.96	2.32	2.85	25.9	19.6	67	2.70	65.4
442137		3.74	<0.001	0.01	0.66	0.9	70	0.37	0.02	0.44	0.11	7.04	2.7	76	0.98	8.9
442138		4.91	<0.001	0.02	1.47	0.2	180	0.90	0.04	0.99	0.31	21.3	6.0	41	2.72	7.3
442139		4.56	<0.001	0.02	1.31	0.3	160	0.80	0.05	1.19	0.29	20.9	5.5	31	2.39	3.9
442140		3.78	<0.001	0.01	1.40	0.6	160	0.80	0.04	1.22	0.26	20.0	5.8	34	2.35	10.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206126

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
442121		5.57	1.46	<0.05	<0.1	0.007	0.012	0.04	0.6	4.5	0.58	1360	2.82	0.01	0.3	4.3
442122		5.11	1.38	<0.05	<0.1	0.007	0.011	0.04	0.8	4.2	0.53	1260	3.37	0.01	0.3	3.9
442123		21.4	5.26	0.12	0.5	0.010	0.027	0.36	17.6	7.9	1.04	2450	0.73	0.13	2.8	8.0
442124		12.80	3.17	0.06	0.3	0.008	0.016	0.24	7.8	5.5	0.72	1780	2.59	0.14	1.6	5.7
442125		16.00	8.94	0.11	1.1	0.010	0.030	0.59	21.4	20.5	1.85	2240	4.28	0.02	4.3	25.3
442126		20.8	9.17	0.12	1.1	0.013	0.042	0.64	20.4	21.2	2.42	2960	1.09	0.01	4.8	32.7
442127		5.58	27.2	0.07	1.8	0.015	0.175	4.69	14.6	2.8	1.64	441	1.52	3.43	15.4	68.8
442128		8.31	3.71	0.06	0.4	0.006	0.020	0.22	6.5	8.4	1.01	1040	2.31	0.01	1.5	12.8
442129		21.3	3.48	0.09	0.5	0.012	0.032	0.44	9.3	12.2	1.72	5070	0.86	0.36	3.0	9.4
442130		9.95	2.31	0.06	0.2	0.008	0.014	0.19	5.7	7.2	0.97	2200	3.49	0.11	1.6	6.5
442131		0.25	0.33	0.11	0.1	0.006	0.005	0.03	1.2	15.5	13.15	296	0.27	0.03	0.3	1.7
442132		15.70	4.38	0.06	0.4	0.007	0.023	0.28	7.2	13.2	1.38	3030	1.13	0.13	2.2	7.9
442133		20.9	3.57	0.10	0.5	0.008	0.030	0.37	10.0	13.1	1.45	4430	1.88	0.25	2.5	8.8
442134		12.40	2.35	0.07	0.3	0.009	0.020	0.17	7.8	6.1	1.00	2930	1.99	0.15	1.2	5.5
442135		25.6	4.40	0.12	0.6	0.016	0.043	0.45	14.5	15.7	2.11	5370	0.77	0.21	2.9	9.5
442136		5.39	26.9	0.08	1.8	0.013	0.099	4.36	13.0	2.8	1.82	473	1.41	3.69	16.8	74.2
442137		8.85	1.96	0.05	0.2	0.007	0.011	0.16	4.1	6.0	0.75	1960	4.43	0.09	1.2	5.8
442138		22.7	4.07	0.11	0.5	0.015	0.025	0.42	12.2	13.4	2.14	4910	1.68	0.34	3.0	10.1
442139		20.7	3.75	0.11	0.5	0.013	0.025	0.36	11.9	10.9	1.79	4580	1.09	0.36	2.4	8.8
442140		20.3	4.06	0.09	0.5	<0.005	0.025	0.37	11.6	11.6	1.71	4160	1.27	0.38	2.4	9.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206126

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
442121		1190	11.6	2.4	<0.002	0.08	0.16	1.0	<1	<0.2	58.0	<0.05	0.10	0.09	0.007	0.02
442122		1610	24.6	2.4	<0.002	0.08	0.16	1.0	1	<0.2	60.1	<0.05	0.26	0.11	0.007	0.02
442123		1910	3.1	26.2	<0.002	0.09	0.18	2.7	1	0.6	37.6	0.19	0.16	3.30	0.058	0.18
442124		520	3.3	17.2	<0.002	0.21	0.16	1.6	1	0.4	24.9	0.12	0.08	1.90	0.035	0.10
442125		1090	705	36.1	0.008	0.67	0.20	5.2	2	0.7	76.4	0.35	5.96	6.05	0.120	0.28
442126		600	100.0	37.4	0.003	0.62	0.18	5.4	1	0.7	74.3	0.37	0.89	6.37	0.122	0.33
442127		940	184.0	490	0.004	3.36	2.46	5.8	3	1.3	257	1.08	0.90	1.88	0.488	1.94
442128		210	9.0	12.4	0.002	0.21	0.16	2.1	1	0.3	26.4	0.13	0.12	2.00	0.041	0.10
442129		940	10.0	25.1	<0.002	0.01	0.13	2.5	<1	0.7	115.5	0.17	0.13	3.12	0.050	0.20
442130		480	8.7	11.0	<0.002	0.09	0.11	1.2	1	0.3	68.7	0.09	0.16	1.56	0.024	0.09
442131		30	3.6	1.1	<0.002	0.01	0.16	0.4	<1	<0.2	156.5	<0.05	<0.05	0.22	0.009	0.06
442132		720	6.1	15.9	<0.002	0.02	0.11	1.9	<1	0.5	55.0	0.15	<0.05	2.20	0.038	0.15
442133		280	4.6	21.6	<0.002	0.02	0.09	2.4	<1	0.6	37.3	0.17	<0.05	3.03	0.049	0.18
442134		1190	4.1	10.0	<0.002	0.10	0.14	1.4	1	0.3	71.6	0.08	<0.05	1.99	0.023	0.08
442135		920	2.6	25.9	<0.002	0.13	0.12	2.9	<1	0.7	66.5	0.25	<0.05	4.10	0.061	0.22
442136		1040	146.0	389	<0.002	2.87	1.70	5.7	4	1.2	272	1.22	0.51	1.91	0.532	1.52
442137		260	1.9	9.6	<0.002	0.07	0.12	1.0	<1	0.3	26.2	0.08	<0.05	1.29	0.022	0.09
442138		810	3.8	25.4	<0.002	0.02	0.10	2.5	<1	0.7	71.9	0.20	<0.05	3.59	0.053	0.21
442139		980	5.1	21.8	<0.002	0.03	0.12	2.3	1	0.6	82.2	0.18	<0.05	3.17	0.047	0.18
442140		640	4.0	22.2	<0.002	0.02	0.11	2.4	<1	0.6	85.7	0.19	<0.05	3.25	0.049	0.19

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17206126

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442121		<0.1	7	0.1	7.0	39	1.2
442122		0.1	7	0.1	8.4	36	1.2
442123		0.4	28	0.1	10.5	50	20.7
442124		0.3	18	0.1	4.1	24	12.4
442125		1.8	61	0.1	8.9	84	42.5
442126		1.3	50	0.1	8.0	94	41.7
442127		0.9	61	0.6	7.0	354	74.5
442128		0.5	20	0.1	2.9	45	14.6
442129		0.5	22	0.2	7.5	65	19.8
442130		0.2	13	0.1	4.3	35	8.6
442131		0.2	3	0.2	1.6	20	2.6
442132		0.3	24	0.1	5.2	55	14.7
442133		0.5	22	0.1	4.4	49	19.0
442134		0.3	12	0.1	7.2	32	11.5
442135		0.6	24	0.2	7.1	63	23.8
442136		0.7	67	0.7	7.3	240	79.2
442137		0.2	10	0.1	2.7	23	7.6
442138		0.5	24	0.1	6.3	54	20.9
442139		0.5	22	0.1	6.9	50	19.5
442140		0.5	22	0.1	6.6	51	20.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO17206126

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

CERTIFICATE VO17215149

Project: KAN

This report is for 1 Rock sample submitted to our lab in Val d'Or, QC, Canada on 5- OCT- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- XRF26	Whole Rock By Fusion/XRF	XRF
OA- GRA05x	LOI for XRF	WST- SEQ
ME- XRF05	Trace Level XRF Analysis	XRF
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Zn- AA45	Trace Zn - aqua regia/AAS	AAS
Cu- AA45	Trace Cu- Aqua Regia Digestion	AAS
Au- AA23	Au 30g FA- AA finish	AAS

To: MINIÈRE OSISKO INC.
ATTN: SIMON HOULE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17215149

Sample Description	Method	WEI- 21	ME- XRF05	ME- XRF05	Zn- AA45	Cu- AA45	Au- AA23	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26
	Analyte	Recvd Wt.	Y	Zr	Zn	Cu	Au	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O
	Units	kg	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%
	LOR	0.02	2	2	1	1	0.005	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
442389		0.89	5	<2	25	17	2.01	0.45	<0.01	1.74	<0.01	16.68	0.05	2.72	0.40	0.01

***** See Appendix Page for comments regarding this certificate *****

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QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17215149

Sample Description	Method	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	ME- XRF26	OA- GRA05x	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P2O5	SO3	SiO2	SrO	TiO2	Total	LOI 1000	Au	Ag	Al	As	Ba	Be	Bi	Ca
	Units	%	%	%	%	%	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01
442389		0.01	2.50	66.47	<0.01	<0.01	100.30	9.21	1.600	0.16	0.24	1.0	10	0.14	0.02	1.27

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17215149

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%
	LOR	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01
442389		0.15	6.49	1.9	5	0.18	16.5	11.70	0.84	<0.05	<0.1	0.006	0.05	4.3	2.9	1.59

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Finalized Date: 17- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17215149

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	5	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2
442389		3220	0.13	0.01	0.3	1.0	40	1.6	2.2	<0.002	0.93	0.14	0.2	1	<0.2	39.0

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Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17215149

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.01	0.005	0.02	0.1	1	0.1	0.1	2	0.5
442389		<0.05	0.06	0.05	<0.005	0.05	<0.1	9	0.1	3.2	27	2.2

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 17- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17215149

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.

Au- AA23	CRU- 31	CRU- QC	Cu- AA45
LOG- 21	PUL- 31	PUL- QC	SPL- 21
WEI- 21	Zn- AA45		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	ME- MS61	ME- XRF05	ME- XRF26
OA- GRA05x			

ALS Canada Ltd.

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 16- OCT- 2017
Account: MINVIR

CERTIFICATE VO17218978

Project: KAN

This report is for 16 Rock samples submitted to our lab in Val d'Or, QC, Canada on 10- OCT- 2017.

The following have access to data associated with this certificate:

ROSSE ANNE BOUCHARD CYNTHIA LEE	SIMON HEBERT CORPORATIF WEBTREIVE	SIMON HOULE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
WEI- 21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: SIMON HOULE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 16- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17218978

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
453422		0.96	0.009	1.63	7.11	2.8	10	0.15	3.21	1.81	0.50	4.38	77.5	104	0.09	541
453423		0.71	<0.001	0.07	7.75	11.6	890	1.75	0.16	1.26	0.05	61.1	11.0	58	4.20	33.9
453424		1.05	<0.001	0.05	6.89	0.8	580	1.26	0.03	0.53	0.03	56.6	1.1	7	1.32	0.9
453425		0.85	0.001	0.11	6.24	11.7	500	1.71	0.24	5.32	0.53	61.2	9.3	61	1.43	14.4
453572		1.22	0.001	0.05	7.51	12.2	770	1.51	0.14	1.38	0.05	64.2	12.1	90	2.39	25.0
453573		1.11	0.001	0.02	0.36	3.2	60	0.18	0.02	17.80	0.02	3.18	0.8	3	0.09	1.5
453574		2.75	0.003	0.03	1.71	3.3	100	1.34	0.01	1.95	0.22	30.8	7.6	21	4.39	13.2
453575		1.97	<0.001	<0.01	0.06	7.6	20	1.32	0.01	0.19	<0.02	3.27	5.3	11	0.32	0.9
453576		1.27	<0.001	<0.01	0.03	3.6	10	0.67	0.01	4.11	0.02	4.56	1.9	6	0.08	0.5
453577		1.30	<0.001	0.02	0.03	4.9	<10	0.35	0.01	2.67	0.02	1.62	1.9	22	0.09	1.6
453578		1.73	<0.001	<0.01	0.03	4.3	10	0.33	0.01	6.02	<0.02	2.74	2.2	8	0.07	0.8
453579		1.22	<0.001	0.01	0.10	19.5	30	1.16	0.02	0.15	0.02	7.11	6.8	13	0.29	1.6
453580		1.32	0.001	0.01	0.03	2.4	10	0.41	0.01	10.45	<0.02	3.03	1.5	7	0.09	0.8
453581		1.11	<0.001	0.01	0.20	19.5	50	1.23	0.06	0.35	0.02	7.11	20.5	14	1.17	11.1
453582		1.32	0.044	0.08	0.05	163.0	10	0.26	0.07	0.25	0.05	2.52	9.7	39	0.06	4.2
453583		1.26	0.003	0.01	0.02	7.3	<10	0.30	0.01	5.85	0.02	3.90	4.0	30	<0.05	1.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 16- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17218978

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
453422		16.65	20.4	0.10	1.4	0.005	0.147	0.03	1.7	33.9	5.81	2150	1.41	0.01	4.0	59.4
453423		3.86	18.40	0.11	4.4	0.050	0.049	2.57	26.0	45.8	1.19	578	0.20	2.58	9.6	28.0
453424		1.35	16.35	0.08	5.5	<0.005	0.035	3.98	24.5	26.2	0.11	393	0.30	3.00	5.9	1.2
453425		3.13	18.30	0.11	3.6	0.042	0.032	1.49	32.9	26.1	0.75	618	0.24	1.41	7.2	20.3
453572		3.53	16.90	0.12	5.8	0.042	0.043	2.00	30.6	29.4	1.09	446	0.43	3.14	9.4	25.3
453573		0.44	0.85	0.13	0.2	0.006	<0.005	0.44	1.5	5.1	11.45	275	0.16	0.02	0.3	2.3
453574		21.4	4.82	0.07	0.5	0.007	0.023	0.30	20.3	6.5	1.90	2990	0.05	0.12	2.1	20.6
453575		24.0	0.48	<0.05	<0.1	0.006	<0.005	0.02	1.5	2.2	0.93	3780	0.41	0.01	0.9	1.9
453576		25.1	0.13	<0.05	<0.1	0.005	<0.005	0.01	3.2	1.3	3.08	6390	0.10	0.01	0.3	1.0
453577		5.96	0.27	<0.05	<0.1	0.016	<0.005	0.01	0.9	0.4	1.05	826	0.25	<0.01	0.4	1.7
453578		17.25	0.25	<0.05	<0.1	0.009	<0.005	0.01	1.7	1.4	3.84	3900	0.06	0.01	0.7	1.6
453579		30.4	0.65	0.10	0.1	<0.005	0.005	0.04	3.5	5.9	0.05	4340	0.56	0.03	1.8	2.2
453580		17.10	0.14	<0.05	<0.1	0.005	<0.005	0.01	1.9	1.4	4.83	1950	0.09	0.01	0.6	1.3
453581		29.5	2.55	0.08	<0.1	0.034	<0.005	0.14	3.3	2.4	0.29	9630	4.98	0.01	1.2	4.9
453582		26.0	0.29	<0.05	0.1	0.029	<0.005	0.03	1.3	0.9	1.01	3860	0.39	<0.01	0.9	2.6
453583		11.70	0.19	<0.05	<0.1	<0.005	<0.005	0.01	2.7	0.7	2.43	4460	0.15	0.01	0.5	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 16- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17218978

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
453422		360	1870	0.8	0.003	1.42	0.78	35.9	8	2.6	63.1	0.30	3.98	0.66	0.823	0.03
453423		900	20.0	84.7	<0.002	0.03	1.01	10.7	<1	1.7	323	0.64	<0.05	8.47	0.339	0.58
453424		130	17.9	157.0	<0.002	<0.01	0.13	4.0	<1	1.0	71.8	0.22	<0.05	14.10	0.077	0.70
453425		710	23.8	51.8	<0.002	0.02	10.35	8.0	<1	1.3	1070	0.46	<0.05	7.14	0.276	0.32
453572		1020	18.0	57.3	<0.002	0.01	1.80	10.7	<1	1.5	364	0.57	<0.05	9.41	0.398	0.43
453573		40	1.3	5.8	<0.002	0.03	0.32	0.6	1	<0.2	86.8	<0.05	<0.05	0.42	0.015	0.05
453574		2400	5.5	12.2	<0.002	0.23	0.66	3.0	<1	0.3	17.9	0.17	<0.05	2.74	0.047	0.07
453575		100	0.9	1.4	<0.002	<0.01	0.23	0.2	<1	<0.2	9.0	<0.05	<0.05	0.15	0.006	<0.02
453576		190	0.6	0.3	<0.002	0.01	0.14	0.1	<1	<0.2	16.1	<0.05	<0.05	0.05	<0.005	<0.02
453577		50	1.1	0.3	<0.002	0.08	0.55	0.1	<1	<0.2	9.3	<0.05	<0.05	0.05	<0.005	<0.02
453578		100	<0.5	0.4	<0.002	0.02	0.22	0.1	<1	<0.2	40.1	<0.05	<0.05	0.04	<0.005	<0.02
453579		220	0.7	2.1	<0.002	<0.01	1.49	0.3	<1	<0.2	3.7	<0.05	<0.05	0.25	0.013	0.03
453580		80	0.5	0.5	<0.002	0.03	0.16	0.1	<1	<0.2	44.7	<0.05	<0.05	0.07	<0.005	<0.02
453581		70	1.6	9.6	<0.002	<0.01	0.68	0.4	<1	<0.2	15.8	<0.05	0.06	0.11	<0.005	0.07
453582		70	2.9	0.9	<0.002	6.47	0.59	0.2	7	<0.2	2.3	<0.05	0.36	0.13	0.005	<0.02
453583		20	<0.5	0.2	<0.002	0.19	0.17	0.1	<1	<0.2	21.0	<0.05	<0.05	0.03	<0.005	<0.02

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 16- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17218978

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
453422		0.6	395	1.4	17.4	384	43.9
453423		3.0	78	1.4	18.7	93	154.5
453424		3.6	6	0.1	10.3	38	154.5
453425		3.0	105	0.9	16.3	60	133.0
453572		3.1	95	1.4	19.3	80	212
453573		0.9	19	0.2	0.8	4	5.5
453574		1.1	44	0.2	23.5	95	15.1
453575		0.1	12	0.5	1.9	8	3.0
453576		<0.1	2	0.1	5.9	4	1.1
453577		0.3	5	0.2	1.9	2	1.9
453578		0.1	4	0.1	3.4	8	2.0
453579		0.1	14	1.2	4.0	3	4.8
453580		0.1	3	0.1	3.4	3	2.0
453581		0.2	20	2.1	3.0	6	5.0
453582		<0.1	9	0.6	3.0	24	3.2
453583		<0.1	4	0.2	6.5	6	0.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 16- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17218978

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17218990

Projet: KAN

Ce rapport s'applique aux 10 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 10- OCT- 2017.

Les résultats sont transmis à:

ROSSE ANNE BOUCHARD SIMON HOULE	FRANCIS CHARTRAND CORPORATIF WEBTREIVE	SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu

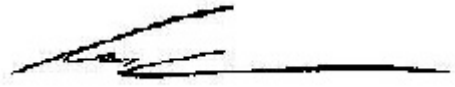
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS

À: MINIÈRE OSISKO INC.
ATTN: FRANCIS CHARTRAND
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 20- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17218990

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
407601		0.83	<0.001	0.01	2.04	0.7	340	1.20	0.03	2.25	0.12	39.6	12.9	22	14.05	70.2
407602		1.09	0.040	0.04	0.81	1.5	30	0.14	0.05	0.71	0.10	37.7	3.8	14	1.27	43.3
407603		0.87	<0.001	0.02	4.95	3.3	420	1.16	0.04	0.31	0.02	22.9	5.0	41	1.80	7.3
407604		1.01	<0.001	0.04	1.56	1.2	110	0.25	0.04	0.95	0.03	22.0	4.7	11	0.66	10.8
407605		1.06	0.001	<0.01	2.49	1.6	230	1.78	0.01	0.62	0.23	42.7	21.1	18	4.80	1.8
407606		0.83	0.003	0.26	1.59	1.8	170	0.66	0.06	0.32	0.25	31.0	32.4	21	3.37	381
407607		1.26	<0.001	1.80	2.25	3.3	100	0.45	3.85	3.01	0.29	15.65	4.1	17	0.95	1.2
407608		1.18	<0.001	0.02	3.44	2.3	260	1.05	0.02	11.70	0.55	35.2	4.6	23	1.67	0.6
453649		0.57	<0.001	<0.01	6.54	1.2	810	2.04	0.04	3.54	0.19	58.0	13.3	40	4.92	4.9
453650		0.11	8.39	1.67	7.66	102.0	200	4.09	3.68	1.99	4.27	27.1	19.2	59	2.58	119.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: KAN

CERTIFICAT D'ANALYSE VO17218990

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
407601		22.1	5.55	0.12	0.7	0.097	0.079	1.10	23.3	1.2	2.45	3290	0.08	0.29	3.5	19.3
407602		3.77	2.77	0.08	0.1	0.100	0.006	0.10	23.9	2.6	0.52	643	0.09	0.01	0.3	8.4
407603		2.06	11.70	0.11	2.9	<0.005	0.024	2.38	9.8	24.2	0.58	176	0.23	0.31	5.1	16.9
407604		2.12	3.30	0.09	0.6	<0.005	<0.005	0.36	11.8	11.3	0.39	230	0.23	0.53	2.2	6.6
407605		24.5	7.05	0.12	1.2	0.005	0.046	0.81	19.9	21.5	1.04	10900	0.74	0.71	4.7	15.6
407606		18.85	4.38	0.12	0.9	0.015	0.032	0.51	14.9	13.4	0.96	5110	0.37	0.19	4.7	18.7
407607		3.22	5.61	0.06	0.6	0.008	0.012	0.74	8.2	26.1	2.15	644	0.09	0.02	0.7	8.8
407608		3.43	8.04	0.07	2.0	0.006	0.020	1.71	18.0	24.5	6.87	1300	0.05	0.03	1.8	11.0
453649		5.08	16.95	0.14	2.2	<0.005	0.045	3.88	24.6	56.8	3.19	1320	0.07	0.41	4.8	27.1
453650		5.42	24.2	0.18	1.5	0.020	0.180	4.61	13.4	2.8	1.62	422	1.41	3.40	14.7	65.9

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CERTIFICAT D'ANALYSE VO17218990

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
407601		1150	2.0	49.3	<0.002	0.86	1.03	3.3	1	0.4	28.6	0.24	0.06	4.57	0.070	0.10
407602		60	8.0	5.0	<0.002	0.08	0.33	1.0	<1	<0.2	9.2	<0.05	<0.05	2.41	0.010	0.02
407603		150	7.6	97.6	<0.002	0.01	0.22	5.7	<1	0.8	19.0	0.39	<0.05	8.73	0.202	0.41
407604		2110	12.0	17.9	<0.002	0.06	0.13	0.9	<1	0.2	93.0	0.15	<0.05	3.45	0.034	0.09
407605		330	3.3	43.9	<0.002	0.01	0.27	3.7	<1	1.3	47.0	0.32	<0.05	5.49	0.092	0.25
407606		450	8.1	35.6	0.002	3.93	0.21	2.9	3	0.6	23.3	0.32	0.27	3.84	0.079	0.25
407607		60	457	32.3	<0.002	0.02	0.26	2.2	1	0.2	160.0	<0.05	1.11	2.54	0.028	0.14
407608		340	12.4	67.7	<0.002	<0.01	0.28	3.6	<1	0.5	723	0.13	<0.05	6.95	0.078	0.30
453649		310	11.9	145.0	<0.002	<0.01	0.18	8.3	<1	1.1	242	0.30	<0.05	10.75	0.218	0.45
453650		860	197.0	439	0.002	3.17	2.54	4.8	3	1.2	237	0.84	0.81	1.51	0.470	1.78

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 20- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17218990

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
407601		0.8	26	0.2	18.8	63	28.4
407602		0.2	11	0.1	6.2	25	3.9
407603		1.5	38	0.5	7.0	34	112.5
407604		1.0	8	0.1	4.9	18	25.5
407605		0.3	27	0.2	11.7	66	46.5
407606		0.5	22	0.1	4.6	58	36.7
407607		0.2	16	0.4	2.9	84	23.9
407608		1.5	26	1.1	11.8	66	74.0
453649		0.7	44	1.7	12.6	78	83.4
453650		0.9	57	0.4	6.5	360	70.0

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CERTIFICAT D'ANALYSE VO17218990

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalized Date: 24- OCT- 2017
Account: MINVIR

CERTIFICATE VO17219000

Project: KAN

P.O. No.: KAN- 042

This report is for 5 Rock samples submitted to our lab in Val d'Or, QC, Canada on 10- OCT- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 21d	Sample logging - ClientBarCode Dup
WEI- 21	Received Sample Weight

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	
Hg- MS42	Trace Hg by ICPMS	ICP- MS

To: MINIÈRE OSISKO INC.
ATTN: SIMON HOULE
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 24- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17219000

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
442221		3.92	0.146	0.15	1.54	1.7	130	0.58	0.02	0.47	0.36	25.0	12.1	18	2.42	176.5
442222		<0.02	0.117	0.10	1.51	2.0	120	0.54	0.01	0.47	0.34	25.4	11.2	20	2.39	167.0
442223		2.96	0.060	0.23	1.92	1.3	110	0.45	0.09	0.49	0.37	25.3	18.9	20	2.14	263
442224		3.75	<0.001	0.24	1.50	1.3	100	0.39	0.34	0.57	0.27	23.7	11.5	26	2.16	94.2
442225		3.71	<0.001	0.18	2.69	0.7	190	0.84	0.29	0.60	0.37	45.6	12.2	31	4.41	8.0

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 24- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17219000

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Hg- MS42	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
442221		15.75	4.84	0.07	0.8	0.020	0.049	0.39	11.3	11.3	0.55	5220	0.89	0.17	3.4	8.6
442222		15.60	4.47	0.08	0.9	0.018	0.028	0.38	11.2	11.4	0.54	5350	0.92	0.17	3.2	7.2
442223		16.00	6.58	0.07	1.0	0.025	0.030	0.34	11.6	13.2	0.80	3100	1.16	0.07	3.8	13.3
442224		12.45	4.94	0.06	0.8	0.022	0.024	0.44	11.8	14.8	1.06	5640	0.74	0.01	3.2	11.5
442225		16.25	8.67	0.08	1.6	0.028	0.035	0.91	22.9	36.3	1.81	7650	0.40	0.01	4.9	20.3

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Project: KAN

CERTIFICATE OF ANALYSIS VO17219000

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
442221		370	5.4	24.7	<0.002	0.26	0.15	2.6	2	0.6	22.0	0.22	0.07	3.27	0.061	0.18
442222		410	4.9	23.6	<0.002	0.26	0.17	2.4	2	0.6	21.7	0.21	<0.05	3.26	0.060	0.18
442223		780	22.7	21.2	<0.002	1.47	0.16	3.0	3	0.5	21.7	0.26	0.20	4.07	0.070	0.17
442224		740	140.0	22.8	<0.002	0.96	0.25	2.7	2	0.5	21.0	0.20	0.22	3.10	0.054	0.16
442225		280	105.5	48.6	0.002	0.06	0.24	5.1	<1	1.0	20.8	0.42	0.14	7.11	0.112	0.31

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Finalized Date: 24- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17219000

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
442221		0.5	18	0.1	5.1	52	32.1
442222		0.5	17	0.1	5.0	48	30.2
442223		0.6	26	0.2	5.1	60	36.1
442224		0.4	20	0.1	4.8	58	26.2
442225		1.4	40	0.1	6.7	81	59.1

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Project: KAN

CERTIFICATE OF ANALYSIS VO17219000

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
PUL- 31	PUL- 31d	PUL- QC	SPL- 21
SPL- 21d	WEI- 21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61

ALS Canada Ltd.

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Finalisée date: 24- OCT- 2017
Compte: MINVIR

CERTIFICAT VO17219004

Projet: KAN

Bon de commande #: KAN- 043

Ce rapport s'applique aux 5 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 10- OCT- 2017.

Les résultats sont transmis à:

ANTOINE FECTEAU LEE SCHOLL CORPORATIF WEBTREIVE	CHARLES GAUMOND PASCAL SIMARD	SIMON HOULE JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
WEI- 21	Poids échantillon reçu

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	
Hg- MS42		ICP- MS
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Pb- OG62	Teneur marchande Pb - quatre acides	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17219004

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442241		2.94	0.001	0.16	3.90	0.3	180	1.04	0.09	0.02	0.12	37.1	4.9	38	4.74	90.3
442242		<0.02	<0.001	0.17	4.16	0.6	210	1.22	0.10	0.02	0.09	41.5	5.1	40	5.40	95.3
442243		2.67	0.542	15.50	1.20	2.2	20	0.21	10.45	2.50	7.09	6.19	9.9	13	0.50	127.0
442244		1.39	0.001	0.19	3.61	0.5	170	0.86	0.06	0.16	0.23	38.9	10.5	34	3.73	118.0
442245		2.89	<0.001	0.27	3.99	0.7	130	0.77	0.08	0.16	0.20	42.8	12.8	35	3.26	161.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com/geochemistry

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17219004

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	Hg- MS42 Hg ppm 0.005	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2
442241		16.70	11.10	0.10	1.8	0.019	0.047	0.94	20.1	29.3	1.70	589	0.73	0.01	6.0	11.5
442242		17.40	11.45	0.07	1.9	0.019	0.057	1.05	23.0	31.2	1.81	578	0.66	0.01	6.7	11.8
442243		11.40	3.32	0.09	0.2	0.032	0.032	0.09	3.5	7.9	0.93	1540	0.20	0.01	0.7	18.7
442244		18.20	9.90	0.08	1.4	0.022	0.051	0.71	21.3	22.8	1.85	1340	0.54	0.01	5.3	19.7
442245		17.95	10.30	0.09	1.5	0.017	0.049	0.66	24.9	23.0	2.00	1110	0.63	0.01	6.0	27.4

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Projet: KAN

CERTIFICAT D'ANALYSE VO17219004

Description échantillon	Méthode élément unités L.D.	ME- MS61 P ppm 10	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02
442241		170	145.0	68.7	<0.002	0.17	0.22	6.4	1	1.5	1.8	0.50	0.17	8.58	0.144	0.75
442242		180	133.0	75.9	0.002	0.15	0.20	6.3	2	1.6	2.1	0.54	0.18	9.48	0.161	0.77
442243		280	>10000	5.7	<0.002	1.94	10.55	2.3	15	0.4	94.4	0.05	11.85	0.91	0.018	0.08
442244		220	81.6	49.5	0.003	0.75	0.24	5.5	1	0.8	5.6	0.46	0.09	7.78	0.126	0.58
442245		210	97.8	45.6	0.003	1.43	0.28	6.4	1	0.7	5.2	0.52	0.20	8.94	0.145	0.49

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Finalisée date: 24- OCT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17219004

Description échantillon	Méthode élément unités L.D.	ME- MS61 U ppm 0.1	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	Pb- OG62 Pb % 0.001
442241		1.7	50	0.2	5.5	179	61.7	
442242		1.8	53	0.2	5.8	190	67.5	
442243		0.2	12	0.1	4.0	104	5.6	1.970
442244		1.6	42	0.2	6.8	245	49.0	
442245		1.7	48	0.2	6.8	243	56.3	

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Projet: KAN

CERTIFICAT D'ANALYSE VO17219004

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

CRU- 31	CRU- QC	LOG- 21	LOG- 21d
PUL- 31	PUL- 31d	PUL- QC	SPL- 21
SPL- 21d	WEI- 21		

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- ICP21	Hg- MS42	ME- MS61	ME- OG62
Pb- OG62			

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 26- NOV- 2017
This copy reported on
30- JAN- 2018
Account: MINVIR

CERTIFICATE VO17252974

Project: KAN

P.O. No.: KAN- 013

This report is for 20 Rock samples submitted to our lab in Val d'Or, QC, Canada on 17- NOV- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT LIZ STOCK	SIMON HOULE CORPORATIF WEBTRIEVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 02a	Find Sample at Branch Lab

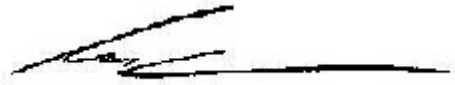
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
Au- GRA21	Au 30g FA- GRAV finish	WST- SIM

To: MINIÈRE OSISKO INC.
ATTN: LIZ STOCK
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 26- NOV- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17252974

Sample Description	Method Analyte Units LOR	Au- ICP21 Au ppm 0.001	Au- GRA21 Au ppm 0.05
441641		<0.001	
441642		<0.001	
441643		<0.001	
441644		0.002	
441645		0.045	
441646		<0.001	
441647		8.46	
441648		<0.001	
441649		0.018	
441650		<0.001	
441651		<0.001	
441652		0.009	
441653		0.277	
441654		0.004	
441655		0.004	
441656		>10.0	17.55
441657		<0.001	
441658		<0.001	
441659		<0.001	
441660		<0.001	

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 26- NOV- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17252974

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au- GRA21 Au- ICP21 FND- 02a

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2017
Compte: MINVIR

CERTIFICAT VO17146641

Projet: KAN

Ce rapport s'applique aux 140 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 15- JUIL- 2017.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442401		0.19	<0.001	0.07	6.64	2.8	680	1.40	0.10	1.33	0.08	35.5	5.2	40	1.21	8.8
442402		0.21	<0.001	0.01	6.48	3.4	650	1.36	0.10	1.44	0.05	39.8	6.1	41	1.08	8.9
442403		0.20	<0.001	0.04	6.69	77.2	570	1.62	0.15	1.32	0.05	76.1	26.1	62	2.04	29.6
442404		0.20	0.015	0.74	5.02	2.2	450	1.77	0.62	0.08	0.03	21.5	1.3	56	1.96	27.1
442405		0.20	0.007	0.54	4.18	3.2	480	1.56	0.18	0.31	0.04	30.2	2.5	49	2.02	83.1
442406		0.22	<0.001	<0.01	8.39	2.7	910	2.60	0.08	0.10	<0.02	78.6	2.6	71	6.22	1.7
442407		0.16	<0.001	0.09	8.72	1.5	620	2.23	0.12	0.24	0.16	259	4.2	75	5.56	80.9
442408		0.21	<0.001	0.01	6.63	5.1	620	1.19	0.11	1.10	0.05	45.6	7.6	62	3.06	8.1
442409		0.16	<0.001	0.02	6.34	3.0	660	1.22	0.13	1.25	0.04	43.7	7.9	53	2.57	7.4
442410		0.28	0.002	0.03	6.99	11.9	570	1.45	0.14	0.99	0.05	46.1	6.8	64	1.84	42.6
442411		0.21	0.002	0.03	6.50	7.8	580	1.09	0.11	1.29	0.04	33.3	7.4	56	1.27	11.2
442412		0.27	<0.001	0.04	7.15	4.8	690	1.52	0.10	1.35	0.06	47.8	9.0	58	1.87	23.6
442413		0.26	<0.001	0.01	6.80	3.0	680	1.33	0.10	1.41	0.05	58.4	8.4	46	1.47	18.9
442414		0.23	<0.001	0.03	6.74	3.8	670	1.28	0.10	1.46	0.05	60.3	9.1	48	1.29	14.9
442415		0.06	<0.001	0.01	9.47	10.7	160	1.09	0.33	0.32	0.02	51.6	8.2	116	6.30	31.1
442416		0.16	<0.001	0.05	6.50	7.7	580	1.26	0.12	1.31	0.10	45.8	7.5	47	1.43	24.1
442417		0.22	<0.001	0.01	6.49	7.4	650	1.29	0.10	1.44	0.04	32.8	7.4	45	1.30	8.7
442418		0.24	<0.001	0.01	6.57	6.0	650	1.27	0.10	1.50	0.03	35.6	6.5	45	1.05	7.6
442419		0.29	<0.001	0.02	6.48	2.9	690	1.16	0.09	1.43	0.04	33.5	5.4	40	1.09	6.1
442420		0.26	<0.001	0.01	6.62	18.5	680	1.13	0.09	1.61	0.05	39.9	12.7	44	1.37	23.1
442421		0.21	0.001	0.01	6.81	8.0	570	1.59	0.09	1.91	0.06	58.7	12.4	65	1.25	30.0
442422		0.18	<0.001	0.01	6.31	7.6	630	1.09	0.12	1.57	0.09	37.6	13.2	50	1.98	20.9
442423		0.20	0.004	0.04	5.37	7.3	300	2.54	0.20	0.85	0.10	53.5	16.1	53	3.00	51.8
442424		0.16	0.005	0.14	4.72	16.8	490	1.06	0.09	1.68	0.33	34.3	7.7	48	2.61	126.5
442425		0.18	0.001	0.34	3.35	2.7	160	0.79	0.15	0.12	0.21	40.6	4.5	56	4.67	60.5
442426		0.17	0.019	0.57	3.69	215	150	1.48	0.46	0.10	0.10	27.2	1.3	45	2.15	35.6
442427		0.13	0.007	0.03	3.09	2.6	210	1.73	0.02	0.24	0.14	26.7	8.7	50	11.60	52.9
442428		0.22	<0.001	<0.01	6.84	128.5	670	1.25	0.11	1.57	0.06	44.4	12.2	63	1.51	23.8
442429		0.15	0.001	0.06	6.35	29.4	600	1.39	0.11	1.67	0.15	42.1	22.3	51	1.19	112.5
442430		0.06	<0.001	0.01	0.10	1.2	<10	<0.05	0.02	0.01	<0.02	2.04	0.4	5	0.08	4.7
442431		0.18	<0.001	0.01	6.63	5.3	650	1.20	0.09	1.47	0.05	43.7	7.4	46	1.11	18.9
442432		0.25	0.002	0.02	6.83	5.3	710	1.34	0.10	1.76	0.08	62.7	9.8	48	1.21	17.2
442433		0.24	<0.001	0.02	6.85	6.0	670	1.43	0.08	1.41	0.06	46.4	6.7	41	1.10	9.6
442434		0.19	<0.001	0.01	6.72	4.5	670	1.34	0.10	1.32	0.04	28.8	6.0	41	1.10	5.0
442435		0.21	<0.001	0.02	6.96	5.6	710	1.40	0.08	1.62	0.04	42.1	7.8	43	1.27	14.8
442436		0.22	<0.001	0.10	7.27	7.0	690	1.48	0.08	1.35	0.05	54.8	8.8	53	1.44	23.2
442437		0.24	<0.001	0.03	6.76	13.5	690	1.43	0.09	1.54	0.04	35.3	8.5	46	1.22	23.3
442438		0.28	<0.001	0.01	6.55	5.2	680	1.23	0.11	1.41	0.03	28.0	6.1	44	1.18	5.5
442439		0.16	0.002	<0.01	6.93	9.1	710	1.31	0.16	1.50	0.07	38.6	8.7	49	1.67	11.3
442440		0.17	<0.001	0.01	7.29	160.5	660	1.54	0.12	1.53	0.09	38.2	20.8	83	2.15	75.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442401		2.80	14.75	0.08	4.1	0.028	2.08	16.9	12.3	0.53	252	0.41	2.32	5.8	13.9	370
442402		3.26	14.45	0.09	4.5	0.026	2.04	18.1	12.4	0.56	301	0.41	2.45	5.7	13.6	150
442403		5.29	14.80	0.10	4.5	0.034	1.82	23.2	28.7	1.04	1210	0.60	1.82	6.3	28.8	350
442404		11.20	13.95	0.13	2.4	0.050	2.92	15.3	26.1	1.09	307	8.17	0.66	7.3	2.6	1070
442405		14.15	13.10	0.14	2.4	0.041	1.89	25.5	18.2	1.03	464	3.20	0.48	5.6	7.2	1320
442406		3.33	25.3	0.09	5.5	0.044	3.36	44.0	44.5	0.54	122	1.19	0.27	12.0	7.5	320
442407		2.40	24.4	0.34	4.7	0.054	2.87	275	34.6	0.53	186	0.41	1.33	8.5	17.8	470
442408		5.00	18.00	0.08	4.7	0.035	2.14	21.6	15.5	0.95	403	0.73	1.75	7.3	19.4	220
442409		4.19	16.65	0.11	3.9	0.028	2.13	17.9	14.5	0.76	460	0.64	2.05	6.4	16.8	520
442410		6.47	15.60	0.11	4.0	0.045	1.96	21.1	19.9	0.76	317	1.12	1.74	6.6	18.7	270
442411		5.33	17.40	0.11	4.0	0.034	1.86	15.6	14.3	0.78	315	0.69	1.89	6.7	18.4	310
442412		3.37	16.05	0.12	4.2	0.030	2.31	21.9	19.7	0.84	371	0.54	2.15	6.5	23.2	580
442413		2.91	14.80	0.12	4.8	0.028	2.17	25.8	16.0	0.67	330	0.43	2.27	6.3	20.0	500
442414		2.96	14.45	0.13	4.7	0.030	2.16	26.0	14.6	0.66	344	0.47	2.36	6.4	20.1	610
442415		6.69	26.5	0.11	4.8	0.084	0.49	21.4	41.3	0.32	489	2.50	0.14	21.9	47.5	530
442416		3.48	14.80	0.11	5.0	0.028	1.77	19.4	15.6	0.58	280	0.53	2.03	6.4	15.0	300
442417		4.34	15.65	0.10	6.0	0.026	2.01	16.2	12.5	0.68	331	0.51	2.27	7.3	14.0	170
442418		3.24	15.30	0.10	5.1	0.025	1.99	17.2	15.9	0.75	318	0.49	2.24	6.4	13.7	250
442419		2.53	15.00	0.10	5.0	0.030	2.14	16.6	9.6	0.59	279	0.29	2.42	6.4	12.4	230
442420		2.90	14.70	0.10	4.4	0.025	2.03	19.3	17.3	0.73	390	0.46	2.30	6.0	17.8	250
442421		4.66	15.00	0.13	3.8	0.036	1.76	23.8	19.4	0.94	463	0.54	2.20	6.1	21.9	200
442422		3.70	15.60	0.10	4.5	0.032	1.92	17.9	22.0	0.77	677	0.58	2.11	7.1	16.7	190
442423		12.60	13.40	0.16	2.3	0.050	0.66	23.2	25.9	1.62	3050	1.55	1.49	6.2	19.6	620
442424		10.05	12.35	0.11	3.3	0.038	1.18	21.9	9.4	0.92	905	1.16	1.23	5.8	22.1	1080
442425		20.1	12.85	0.15	2.2	0.041	0.60	23.9	8.9	1.00	676	3.42	0.24	7.5	13.8	1840
442426		15.95	12.80	0.11	1.9	0.036	0.67	16.2	9.4	0.88	394	4.86	1.33	6.6	5.8	1400
442427		20.7	8.84	0.14	1.5	0.037	0.56	16.8	19.8	1.10	1050	0.71	0.06	7.4	30.9	630
442428		4.00	16.75	0.09	5.5	0.036	2.04	20.1	19.1	0.94	475	0.50	2.22	7.6	21.9	170
442429		3.94	15.35	0.10	4.9	0.034	1.76	19.3	17.7	0.77	720	0.63	2.01	6.4	22.0	420
442430		0.34	0.24	<0.05	0.3	<0.005	0.01	1.0	14.9	<0.01	31	0.63	<0.01	0.9	2.7	20
442431		2.90	14.80	0.08	5.5	0.025	1.97	18.0	16.5	0.67	357	0.30	2.25	6.5	14.7	280
442432		3.05	14.45	0.10	5.8	0.032	2.25	28.7	12.2	0.75	439	0.36	2.52	6.9	19.3	890
442433		2.63	13.85	0.10	4.0	0.023	2.06	19.8	14.4	0.63	293	0.37	2.37	5.4	15.0	450
442434		2.93	14.75	0.09	3.9	0.025	2.06	14.1	14.7	0.63	288	0.37	2.35	5.9	13.6	220
442435		2.67	14.05	0.10	4.2	0.025	2.25	19.5	13.1	0.69	335	0.31	2.55	6.2	17.6	650
442436		3.32	14.45	0.12	3.9	0.029	2.15	24.7	16.2	0.73	346	0.37	2.40	6.3	19.4	130
442437		2.76	14.45	0.08	4.3	0.022	2.15	16.6	13.9	0.67	329	0.38	2.42	6.0	16.8	190
442438		3.10	15.90	0.15	4.6	0.025	2.08	13.6	14.6	0.65	324	0.40	2.38	6.5	13.1	130
442439		3.63	17.40	0.09	5.4	0.030	2.12	18.1	18.0	0.69	376	0.60	2.36	7.2	14.5	110
442440		5.09	18.55	0.13	5.2	0.039	2.03	19.2	33.1	1.19	729	1.44	2.04	8.6	34.1	280

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À: MINIÈRE OSISKO INC.
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BUREAU 200
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Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442401		13.9	81.3	<0.002	0.01	0.19	7.4	1	0.9	291	0.39	<0.05	4.11	0.239	0.41	0.9
442402		14.5	78.2	<0.002	0.01	0.18	7.4	<1	0.9	311	0.42	0.05	8.16	0.239	0.38	1.1
442403		22.2	75.8	<0.002	0.02	0.31	10.1	1	0.9	214	0.47	0.07	9.95	0.270	0.42	1.9
442404		53.5	128.5	0.002	1.77	0.62	9.4	6	1.3	12.1	0.49	0.67	14.35	0.249	1.10	4.4
442405		13.6	69.7	<0.002	0.78	0.33	7.0	3	0.6	74.4	0.38	0.32	7.26	0.191	0.49	2.2
442406		7.9	160.5	<0.002	0.02	0.21	12.5	1	1.7	32.6	0.76	<0.05	15.35	0.339	0.92	2.4
442407		20.4	151.5	<0.002	0.03	0.23	14.4	1	1.7	133.0	0.55	0.07	20.2	0.319	0.62	4.8
442408		12.8	96.0	<0.002	0.01	0.25	11.4	1	1.2	212	0.52	0.06	5.99	0.328	0.52	1.3
442409		15.1	97.7	<0.002	0.01	0.18	8.4	<1	1.0	265	0.46	0.06	6.36	0.263	0.36	1.0
442410		21.0	82.3	<0.002	0.03	0.44	10.2	2	1.0	210	0.46	0.20	9.29	0.262	0.47	1.7
442411		16.9	74.6	<0.002	0.02	0.22	10.7	1	0.9	236	0.46	0.05	4.45	0.314	0.39	1.0
442412		14.6	97.3	<0.002	0.01	0.18	10.2	1	1.0	266	0.47	<0.05	6.73	0.262	0.46	1.2
442413		15.7	88.7	<0.002	0.01	0.16	8.8	1	0.9	284	0.46	<0.05	7.57	0.260	0.44	1.3
442414		16.1	85.2	<0.002	0.01	0.17	8.7	1	0.9	299	0.47	<0.05	8.40	0.259	0.40	1.4
442415		23.9	68.0	<0.002	0.05	0.68	15.2	3	3.9	50.0	1.54	0.07	16.40	1.035	0.33	2.9
442416		13.9	70.3	<0.002	0.03	0.18	8.6	1	0.9	251	0.46	<0.05	6.07	0.270	0.39	1.5
442417		14.7	77.9	<0.002	0.01	0.18	9.4	<1	1.0	289	0.52	0.07	3.98	0.304	0.35	1.1
442418		13.7	75.0	<0.002	0.01	0.14	8.3	1	1.0	285	0.45	<0.05	4.61	0.263	0.38	1.1
442419		12.4	81.0	<0.002	0.01	0.12	8.4	1	0.9	308	0.47	<0.05	4.06	0.248	0.36	0.9
442420		13.7	78.1	<0.002	0.02	0.14	9.3	1	0.9	294	0.44	<0.05	4.39	0.258	0.39	1.0
442421		15.4	69.4	<0.002	0.01	0.26	11.6	1	0.8	281	0.42	<0.05	8.00	0.307	0.36	1.0
442422		14.7	86.7	<0.002	0.02	0.16	9.7	1	1.0	267	0.50	0.05	4.84	0.305	0.38	1.1
442423		15.6	32.0	<0.002	0.05	0.23	8.6	1	1.8	77.2	0.43	0.30	9.09	0.193	0.33	2.6
442424		20.7	44.6	<0.002	0.06	0.64	8.0	2	0.9	166.5	0.39	0.21	5.95	0.216	0.31	1.5
442425		14.4	41.5	<0.002	0.19	0.23	5.2	4	0.8	23.9	0.54	0.42	8.87	0.226	0.38	3.3
442426		206	45.8	<0.002	0.60	0.52	4.8	5	0.6	33.4	0.44	0.77	7.45	0.177	0.49	2.9
442427		8.7	85.1	<0.002	0.03	0.23	4.9	1	1.0	9.9	0.52	0.12	6.24	0.207	0.43	1.7
442428		14.4	77.0	<0.002	0.01	0.33	10.7	1	1.1	283	0.51	0.06	5.91	0.325	0.46	1.3
442429		15.5	63.9	<0.002	0.03	0.21	10.1	1	1.0	260	0.47	0.06	4.92	0.288	0.39	1.3
442430		0.7	0.4	<0.002	<0.01	0.17	0.2	<1	0.5	0.6	0.05	<0.05	0.65	0.030	<0.02	0.1
442431		12.9	71.0	<0.002	0.02	0.14	9.1	1	1.0	286	0.48	<0.05	4.91	0.275	0.37	1.2
442432		13.4	86.6	<0.002	<0.01	0.21	9.6	1	1.0	328	0.49	<0.05	6.43	0.279	0.40	1.3
442433		13.7	77.1	<0.002	0.01	0.11	7.5	1	0.8	298	0.40	<0.05	5.48	0.220	0.38	1.1
442434		13.8	78.8	<0.002	0.01	0.13	7.7	<1	0.9	293	0.44	<0.05	3.40	0.246	0.36	0.9
442435		12.5	86.7	<0.002	0.01	0.18	8.8	1	0.8	324	0.49	<0.05	5.04	0.248	0.38	1.0
442436		13.5	82.2	<0.002	0.01	0.18	9.2	<1	0.9	302	0.46	<0.05	5.89	0.250	0.42	1.2
442437		13.4	77.5	<0.002	0.01	0.17	8.3	1	0.9	309	0.46	<0.05	4.36	0.244	0.38	1.0
442438		13.8	74.8	<0.002	0.01	0.14	8.4	1	1.0	302	0.48	<0.05	3.91	0.272	0.38	1.0
442439		15.0	77.0	<0.002	0.01	0.19	9.1	1	1.1	294	0.52	<0.05	4.41	0.311	0.42	1.2
442440		15.9	78.8	<0.002	0.02	0.47	12.3	1	1.3	258	0.55	0.11	6.52	0.363	0.47	1.5

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442401		52	0.4	7.4	28	152.5
442402		53	0.3	8.2	25	167.0
442403		66	0.6	10.9	62	167.5
442404		131	1.4	9.5	42	86.1
442405		93	1.0	9.5	63	87.4
442406		96	1.4	5.7	26	204
442407		69	1.0	17.6	38	176.5
442408		87	0.7	8.0	39	175.0
442409		65	1.0	7.1	45	146.0
442410		71	0.6	7.7	44	150.5
442411		96	0.5	7.5	35	153.5
442412		66	0.5	9.3	45	149.0
442413		55	0.5	9.9	35	175.0
442414		53	0.5	10.4	36	169.0
442415		159	2.3	12.0	45	180.0
442416		65	0.5	8.3	26	163.0
442417		70	0.5	8.4	30	221
442418		61	0.6	8.2	26	187.5
442419		51	0.4	7.3	24	185.5
442420		60	0.5	8.7	31	162.0
442421		88	0.4	10.1	38	146.5
442422		76	0.5	9.2	45	164.0
442423		93	0.8	9.2	79	82.2
442424		58	0.6	11.1	41	122.5
442425		125	0.4	7.9	100	80.9
442426		132	0.5	6.7	75	67.0
442427		70	0.2	8.3	74	51.9
442428		78	0.6	9.5	41	203
442429		80	0.5	9.5	37	177.5
442430		2	0.2	0.6	2	7.4
442431		61	0.4	8.5	29	196.5
442432		59	0.5	12.9	43	211
442433		48	0.4	8.5	27	143.5
442434		55	0.4	6.9	28	150.5
442435		51	0.4	10.1	36	155.0
442436		55	0.5	10.1	32	141.5
442437		54	0.5	8.3	29	155.0
442438		64	0.9	7.6	27	172.0
442439		79	0.6	8.9	32	208
442440		96	0.8	10.1	57	191.5

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Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442441		0.17	0.008	0.02	7.19	150.5	620	1.33	0.12	1.65	0.15	50.8	35.8	69	1.95	99.9
442442		0.17	0.005	0.03	6.84	44.4	610	1.36	0.12	1.43	0.07	37.5	8.2	58	1.12	39.5
442443		0.18	0.001	<0.01	6.32	36.0	560	1.19	0.11	1.34	0.04	32.8	14.4	45	1.77	10.2
442444		0.18	0.001	0.03	6.44	1.8	670	1.17	0.07	1.29	0.06	25.8	3.6	31	1.07	5.6
442445		0.24	<0.001	<0.01	6.08	79.3	640	1.30	0.09	1.43	0.04	25.0	4.6	35	0.72	7.0
442446		0.25	0.038	0.01	6.32	11.2	670	1.26	0.10	1.48	0.05	30.1	6.6	40	1.62	11.7
442447		0.21	0.019	0.01	2.34	2.7	130	0.65	0.10	0.20	0.07	24.6	4.6	35	1.34	36.0
442448		0.22	<0.001	0.06	6.86	17.0	650	1.37	0.12	1.77	0.08	51.3	13.5	48	1.20	63.3
442449		0.12	0.005	0.13	5.61	16.1	330	0.76	0.48	0.67	0.07	32.2	5.9	79	1.14	174.0
442450		0.16	<0.001	0.03	7.34	10.4	660	1.37	0.09	1.44	0.08	52.8	16.5	53	1.24	11.2
442451		0.19	<0.001	0.03	7.55	25.5	90	0.78	0.06	0.88	0.07	11.30	72.8	137	0.51	40.5
442452		0.12	<0.001	0.02	6.96	9.9	460	1.14	0.10	1.46	0.07	30.6	8.6	57	1.07	33.2
442453		0.22	<0.001	0.02	6.16	4.3	640	0.98	0.10	1.31	0.05	27.8	6.0	48	1.14	21.2
442454		0.20	0.003	0.01	6.90	13.4	600	1.19	0.20	1.29	0.04	35.8	9.6	65	1.38	33.4
442455		0.07	<0.001	0.01	9.15	10.7	150	0.90	0.34	0.31	0.04	44.8	7.7	113	5.59	30.7
442456		0.19	0.001	0.03	6.94	10.3	640	1.71	0.21	1.21	0.06	34.9	15.4	65	2.24	30.7
442457		0.27	<0.001	0.01	6.28	8.0	480	1.29	0.12	1.06	0.04	32.1	5.3	55	1.89	25.1
442458		0.18	0.002	0.01	5.47	5.4	260	1.24	0.06	0.75	0.03	18.10	8.6	41	1.04	23.9
442459		0.18	0.001	0.10	4.32	10.5	360	0.92	0.16	0.65	0.05	27.8	5.9	47	2.83	117.5
442460		0.16	<0.001	<0.01	5.72	81.4	550	1.07	0.23	0.95	0.05	30.9	5.5	55	1.56	15.4
442461		0.20	<0.001	0.02	6.09	9.9	580	0.78	0.12	1.11	0.03	32.5	6.0	50	1.05	11.9
442462		0.16	<0.001	0.02	6.56	10.4	600	1.22	0.13	1.26	0.04	26.2	7.6	48	1.61	14.4
442463		0.25	<0.001	0.04	6.90	20.4	670	1.22	0.10	1.63	0.12	51.8	13.3	48	1.38	41.7
442464		0.20	0.001	0.01	6.00	10.3	600	0.89	0.10	1.08	0.05	24.8	5.3	50	1.54	11.2
442465		0.25	<0.001	<0.01	6.32	15.1	560	0.91	0.12	0.91	0.04	27.5	4.2	50	1.82	6.5
442466		0.25	<0.001	0.05	6.94	8.1	540	1.11	0.11	1.03	0.03	36.2	7.7	57	1.13	26.5
442467		0.16	<0.001	0.04	6.26	6.4	620	1.22	0.10	1.22	0.07	25.3	5.6	40	1.10	20.0
442468		0.29	0.001	0.04	5.64	10.1	570	1.09	0.11	1.08	0.07	29.8	5.8	44	1.43	20.5
442469		0.20	0.001	0.01	6.64	3.3	620	1.27	0.09	1.34	0.05	33.3	6.1	43	0.91	21.1
442470		0.07	<0.001	<0.01	0.10	0.8	<10	<0.05	0.01	0.01	<0.02	2.11	0.4	6	0.09	4.9
442471		0.27	<0.001	0.03	6.76	12.6	680	1.14	0.09	1.60	0.07	37.1	8.9	53	1.14	18.4
442472		0.19	<0.001	0.03	6.66	62.2	610	1.21	0.13	1.45	0.05	41.1	13.9	64	1.45	13.6
442473		0.19	0.001	0.03	6.19	5.4	630	1.04	0.11	1.26	0.22	32.7	4.2	41	2.33	14.3
442474		0.24	<0.001	0.04	6.80	11.1	700	1.23	0.09	1.64	0.10	40.5	8.5	43	1.34	17.1
442475		0.20	<0.001	0.01	6.57	3.9	660	1.05	0.10	1.21	0.04	32.8	4.6	43	1.28	9.4
442476		0.21	<0.001	0.03	6.66	6.5	620	1.24	0.11	1.33	0.10	46.5	8.7	48	1.47	24.6
442477		0.21	0.001	0.05	6.97	4.8	700	1.50	0.10	1.65	0.08	60.9	9.6	46	1.38	27.2
442478		0.30	0.001	0.05	6.79	4.1	660	1.26	0.12	1.39	0.12	56.0	8.4	51	2.33	17.0
442479		0.24	<0.001	0.03	6.60	3.7	650	1.38	0.11	1.66	0.06	54.0	7.9	45	1.10	15.5
442480		0.36	0.001	0.05	6.52	2.7	660	1.32	0.09	1.48	0.07	40.0	5.7	41	1.09	9.5

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QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442441		5.27	19.45	0.11	5.5	0.042	1.85	22.6	33.0	1.08	1220	1.21	2.06	9.0	27.0	360
442442		3.72	16.40	0.11	4.6	0.033	1.87	18.7	21.4	0.77	393	0.89	2.16	7.7	20.8	440
442443		4.70	16.75	0.10	4.5	0.037	1.72	14.7	18.5	0.96	804	0.83	2.15	7.8	16.9	220
442444		2.06	13.70	0.10	3.9	0.020	2.05	12.1	8.4	0.40	213	0.36	2.46	4.7	8.5	280
442445		2.89	14.65	0.10	4.9	0.021	1.94	12.0	8.2	0.51	276	0.53	2.38	5.4	10.2	110
442446		3.31	14.30	0.11	4.7	0.021	2.05	14.4	8.8	0.53	513	0.54	2.43	5.9	10.9	280
442447		16.90	7.62	0.11	1.5	0.048	0.54	16.4	13.8	0.41	921	0.81	0.36	3.9	12.7	720
442448		3.27	15.25	0.10	3.8	0.029	1.96	23.6	15.1	0.78	576	0.40	2.30	6.3	19.5	540
442449		14.35	15.50	0.13	3.7	0.035	1.00	16.2	13.8	1.11	618	5.52	1.10	6.5	14.7	620
442450		3.38	14.30	0.10	4.0	0.029	1.90	17.9	21.4	0.69	500	0.34	2.24	5.8	19.4	530
442451		8.21	14.60	0.09	0.8	0.039	0.21	4.5	48.2	5.11	1320	0.25	0.46	1.8	94.2	140
442452		4.81	13.95	0.10	4.2	0.039	1.42	13.8	17.7	0.80	371	0.50	1.77	6.4	19.2	370
442453		3.80	16.40	0.08	4.9	0.020	1.94	13.5	9.3	0.79	542	0.79	2.10	6.1	14.3	160
442454		4.72	19.80	0.10	5.0	0.035	1.81	16.7	28.4	1.08	550	0.58	1.92	8.3	20.8	220
442455		6.50	25.0	0.09	4.4	0.080	0.47	19.0	37.0	0.31	467	2.37	0.13	20.8	46.7	500
442456		6.26	16.85	0.10	3.5	0.046	2.18	17.0	29.8	1.27	952	2.05	1.78	6.8	23.2	260
442457		8.77	16.30	0.09	5.1	0.043	1.56	17.1	14.8	0.79	535	1.21	1.60	7.1	12.4	330
442458		5.67	12.35	0.10	4.5	0.029	0.85	9.1	16.8	1.50	1120	0.65	1.91	9.0	16.6	370
442459		10.25	10.95	0.09	2.4	0.058	1.25	14.4	9.8	0.74	613	1.30	1.04	4.5	17.2	660
442460		7.90	20.8	0.10	4.7	0.035	1.82	15.4	10.7	0.77	382	2.53	1.51	8.1	14.1	270
442461		3.73	19.75	0.09	4.7	0.027	1.82	16.4	9.4	0.71	317	0.65	1.75	7.0	14.6	180
442462		5.38	18.35	0.10	3.7	0.035	1.92	13.2	15.0	0.78	399	0.70	2.02	6.9	15.3	170
442463		3.73	14.70	0.09	4.2	0.029	2.14	22.2	15.4	0.95	680	0.57	2.35	6.1	26.4	770
442464		5.34	16.35	0.08	3.6	0.028	1.83	12.5	9.8	0.72	341	0.61	1.90	6.0	14.5	160
442465		2.75	19.60	0.09	5.2	0.025	1.77	13.7	9.2	0.60	281	0.72	1.84	7.0	11.5	320
442466		5.10	15.00	0.12	4.3	0.035	1.70	18.1	23.0	0.85	341	0.78	1.86	6.8	18.8	290
442467		4.95	13.05	0.12	3.5	0.024	1.92	12.3	10.0	0.61	343	0.68	2.12	5.4	12.5	430
442468		6.15	15.25	0.11	4.3	0.027	1.76	15.7	9.2	0.69	391	1.14	1.73	6.2	14.1	340
442469		3.39	12.90	0.08	4.3	0.022	1.91	15.9	12.0	0.63	317	0.38	2.29	5.6	13.5	240
442470		0.35	0.27	<0.05	0.2	<0.005	0.01	1.0	15.0	0.01	31	0.66	0.01	0.9	2.8	10
442471		3.34	15.00	0.11	5.6	0.022	2.11	17.0	14.5	0.78	384	0.39	2.43	6.2	17.8	330
442472		4.11	16.05	0.11	4.5	0.030	1.81	19.5	25.2	0.87	704	0.68	2.16	7.4	20.0	180
442473		2.43	14.60	0.09	5.2	0.026	2.04	16.3	7.7	0.56	313	0.75	2.10	6.6	14.4	280
442474		2.94	14.05	0.09	4.1	0.029	2.11	18.0	13.1	0.73	509	0.50	2.47	5.6	17.6	700
442475		3.17	16.50	0.09	4.6	0.030	2.09	16.6	9.4	0.53	261	0.55	2.25	6.6	11.2	140
442476		3.59	14.30	0.12	3.9	0.035	1.96	19.5	16.8	0.76	394	0.64	2.15	6.0	19.7	300
442477		3.16	14.80	0.13	5.5	0.032	2.23	30.9	13.7	0.79	440	0.52	2.49	6.8	21.8	750
442478		3.80	15.75	0.13	4.7	0.035	2.05	29.0	17.0	0.81	509	0.63	2.14	6.7	19.1	290
442479		3.42	14.00	0.10	5.5	0.029	2.02	20.8	10.8	0.68	465	0.48	2.49	7.2	18.8	680
442480		2.70	14.05	0.13	4.2	0.027	2.09	19.8	11.2	0.54	307	0.42	2.42	5.5	14.2	460

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CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442441		17.1	69.3	<0.002	0.02	0.38	13.3	1	1.4	259	0.57	<0.05	8.21	0.396	0.48	1.5
442442		15.4	66.6	<0.002	0.02	0.24	10.0	1	1.1	264	0.55	<0.05	5.68	0.304	0.42	1.4
442443		14.0	63.7	<0.002	0.01	0.21	10.8	1	1.1	238	0.51	<0.05	4.96	0.462	0.38	1.2
442444		12.5	75.3	<0.002	0.01	0.10	6.0	1	0.7	307	0.33	<0.05	3.50	0.185	0.39	0.9
442445		11.8	66.4	<0.002	0.01	0.27	6.8	1	0.8	303	0.38	<0.05	3.07	0.220	0.38	0.9
442446		12.7	81.3	<0.002	0.01	0.16	7.7	1	0.9	314	0.44	<0.05	3.79	0.214	0.37	0.9
442447		9.7	18.1	<0.002	0.03	0.18	2.5	2	0.5	35.7	0.27	0.21	4.51	0.123	0.24	1.2
442448		14.2	71.4	<0.002	0.02	0.24	9.6	1	0.9	286	0.43	<0.05	6.75	0.263	0.43	1.5
442449		11.3	37.2	<0.002	0.05	0.27	10.9	6	0.8	115.5	0.47	0.44	10.45	0.222	0.20	2.3
442450		12.7	67.1	<0.002	0.02	0.13	9.1	1	0.8	283	0.43	<0.05	4.84	0.231	0.39	1.2
442451		17.6	7.0	<0.002	0.01	0.12	36.0	1	0.2	32.1	0.12	0.05	0.93	0.345	0.06	0.2
442452		12.9	47.9	<0.002	0.03	0.23	11.5	2	0.9	238	0.47	<0.05	5.36	0.322	0.26	1.1
442453		12.6	69.1	<0.002	0.01	0.22	8.7	1	1.0	262	0.45	0.06	4.81	0.277	0.37	1.1
442454		14.2	63.5	<0.002	0.02	0.21	11.5	1	1.4	229	0.55	0.05	5.54	0.357	0.44	1.4
442455		23.1	59.3	<0.002	0.05	1.77	14.2	3	4.2	44.5	1.41	<0.05	15.10	1.000	0.33	2.7
442456		17.9	87.6	<0.002	0.05	0.38	11.0	2	1.2	198.5	0.45	0.17	6.52	0.293	0.52	1.7
442457		15.5	55.5	<0.002	0.02	0.35	8.9	2	1.0	179.5	0.47	0.09	8.36	0.288	0.45	1.7
442458		8.5	30.3	<0.002	0.02	0.23	7.2	1	0.9	129.5	0.67	0.05	6.33	0.295	0.26	1.3
442459		12.0	44.5	<0.002	0.09	0.41	6.9	2	0.8	118.5	0.30	0.22	4.13	0.180	0.38	1.4
442460		23.8	62.5	<0.002	0.02	1.30	9.6	2	1.3	181.5	0.52	0.40	5.30	0.332	0.49	1.5
442461		12.7	60.5	<0.002	0.01	0.32	10.0	1	1.3	211	0.52	0.07	4.86	0.367	0.42	1.2
442462		16.2	68.5	<0.002	0.01	0.27	9.9	1	1.1	235	0.50	0.06	3.95	0.338	0.42	1.0
442463		14.6	79.5	<0.002	0.01	0.41	10.6	1	0.9	290	0.46	<0.05	5.72	0.267	0.44	1.3
442464		12.3	58.3	<0.002	0.01	0.25	7.8	1	1.0	233	0.44	<0.05	3.94	0.267	0.34	0.9
442465		12.0	61.6	<0.002	0.02	0.25	9.8	1	1.4	208	0.50	<0.05	5.53	0.340	0.48	1.5
442466		14.9	54.6	<0.002	0.02	0.23	9.7	2	0.9	224	0.49	<0.05	6.24	0.281	0.32	1.4
442467		14.8	66.1	<0.002	0.02	0.17	6.8	1	0.7	266	0.37	0.07	3.86	0.213	0.35	1.0
442468		13.4	60.2	<0.002	0.02	0.27	7.6	1	0.9	217	0.44	0.14	4.90	0.259	0.40	1.4
442469		12.5	67.3	<0.002	0.01	0.17	7.6	2	0.8	286	0.40	<0.05	5.25	0.206	0.38	1.1
442470		0.6	0.4	<0.002	<0.01	0.17	0.2	1	0.5	0.8	0.05	<0.05	0.69	0.030	<0.02	0.1
442471		13.8	73.4	<0.002	0.01	0.21	8.9	1	0.9	308	0.44	<0.05	4.60	0.256	0.43	1.2
442472		14.6	63.4	<0.002	0.01	0.43	9.1	1	1.1	271	0.51	<0.05	5.58	0.303	0.45	1.4
442473		13.5	83.1	<0.002	0.02	0.18	7.4	1	1.1	262	0.53	<0.05	4.97	0.287	0.47	1.2
442474		13.0	75.9	<0.002	0.01	0.19	7.6	1	0.8	318	0.45	<0.05	5.46	0.234	0.42	1.1
442475		13.7	72.6	<0.002	0.01	0.22	7.4	1	1.0	276	0.50	<0.05	5.30	0.290	0.40	1.0
442476		14.7	65.7	<0.002	0.03	0.20	8.6	1	0.9	264	0.48	0.07	6.29	0.259	0.38	1.2
442477		14.3	80.2	<0.002	<0.01	0.18	9.1	1	0.9	316	0.54	<0.05	6.61	0.266	0.44	1.4
442478		15.0	80.0	<0.002	0.01	0.20	9.4	1	1.1	265	0.54	0.05	6.17	0.284	0.48	1.5
442479		15.2	67.4	<0.002	0.01	0.17	7.9	1	1.0	321	0.75	<0.05	5.47	0.263	0.40	1.3
442480		14.1	68.8	<0.002	0.01	0.14	6.9	1	0.8	309	0.42	<0.05	4.10	0.220	0.41	1.0

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CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442441		102	0.7	11.5	56	206
442442		80	0.6	9.4	34	170.5
442443		109	0.5	10.9	43	157.5
442444		37	0.3	6.3	17	142.0
442445		54	0.3	6.3	22	180.5
442446		60	0.5	8.1	25	180.0
442447		75	0.2	5.1	56	51.4
442448		65	0.5	11.3	36	138.0
442449		91	0.5	9.3	60	139.0
442450		54	0.4	9.3	31	148.5
442451		194	0.2	12.7	68	25.8
442452		87	0.4	8.3	36	153.5
442453		78	0.5	6.6	29	179.0
442454		97	0.7	8.8	41	188.5
442455		154	2.3	11.0	43	172.0
442456		88	0.8	9.3	61	138.5
442457		77	1.1	7.7	29	189.0
442458		56	0.5	7.4	45	168.5
442459		63	0.5	8.4	39	87.3
442460		108	0.8	7.4	36	171.5
442461		123	0.7	6.3	27	182.5
442462		99	0.6	6.6	31	135.5
442463		70	0.5	11.4	55	158.0
442464		68	0.5	5.6	27	134.5
442465		84	0.8	7.3	25	192.0
442466		69	0.7	8.6	40	160.0
442467		50	0.4	6.6	33	126.0
442468		82	0.6	7.2	36	161.5
442469		48	0.4	7.9	29	159.0
442470		2	0.2	0.6	3	6.8
442471		62	0.5	8.5	38	208
442472		73	0.6	9.2	51	175.0
442473		61	0.5	6.8	28	186.5
442474		54	0.4	9.2	41	149.0
442475		67	0.6	6.5	21	171.0
442476		64	0.5	8.1	35	137.0
442477		58	0.4	14.4	40	190.5
442478		71	0.6	10.7	46	164.0
442479		59	0.4	12.0	36	201
442480		49	0.4	8.3	26	153.0

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442481		0.21	<0.001	0.07	6.68	17.3	610	1.39	0.12	1.79	0.17	70.3	20.7	55	1.51	65.4
442482		0.25	<0.001	0.03	6.86	9.1	660	1.26	0.10	1.42	0.05	29.0	7.9	46	1.35	10.8
442483		0.20	<0.001	0.04	7.07	17.0	620	1.17	0.10	1.41	0.06	32.8	11.0	46	1.66	43.0
442484		0.22	0.001	0.07	6.77	4.2	650	1.22	0.09	1.73	0.08	48.2	8.5	43	1.50	27.0
442485		0.15	<0.001	0.04	5.93	5.2	610	0.95	0.10	1.39	0.10	33.9	5.0	40	0.83	27.6
442486		0.23	0.001	0.01	6.19	8.5	580	1.53	0.16	1.03	0.06	37.8	7.5	52	2.60	20.9
442487		0.28	0.001	0.13	5.28	7.1	440	1.48	0.66	0.75	0.08	26.2	9.1	54	2.41	46.2
442488		0.28	0.001	0.04	5.99	7.8	520	1.21	0.25	1.20	0.06	29.1	6.8	51	1.35	20.1
442489		0.22	0.527	0.15	1.75	11.1	170	1.51	0.04	0.31	0.18	33.3	9.9	28	11.10	61.9
442490		0.32	<0.001	0.03	6.29	2.4	610	1.57	0.11	1.17	0.10	60.1	4.7	39	1.45	17.8
442491		0.15	0.004	0.32	2.42	121.0	290	0.78	0.05	4.61	0.25	35.9	22.9	24	0.94	376
442492		0.29	0.001	0.02	6.49	3.9	650	1.36	0.13	1.37	0.08	29.3	6.1	48	1.21	14.8
442493		0.27	<0.001	0.02	6.67	3.0	650	1.32	0.08	1.36	0.06	30.1	5.2	40	1.24	6.0
442494		0.27	<0.001	0.02	6.89	5.8	630	1.28	0.15	1.50	0.07	50.9	10.6	53	1.80	21.9
442495		0.07	0.023	0.13	8.51	15.1	200	0.80	0.33	0.19	0.03	36.0	29.7	556	3.86	368
442496		0.32	<0.001	0.03	7.13	6.2	610	1.41	0.12	1.48	0.08	46.5	9.9	56	1.32	16.1
442497		0.24	<0.001	0.05	6.85	3.3	670	1.22	0.11	1.47	0.06	36.7	7.1	48	1.17	11.7
442498		0.30	<0.001	0.02	6.97	7.6	650	1.41	0.12	1.49	0.05	61.1	10.2	47	1.36	20.9
442499		0.26	<0.001	0.05	7.19	5.3	660	1.45	0.13	1.38	0.08	43.8	7.6	48	1.36	11.0
442500		0.23	<0.001	0.07	7.28	6.1	700	1.49	0.12	1.46	0.09	58.1	13.7	58	2.01	23.1
442501		0.15	<0.001	0.05	6.41	7.9	640	1.10	0.11	1.32	0.08	38.8	10.5	54	1.87	10.5
442502		0.20	<0.001	0.02	5.78	0.8	250	1.44	0.14	1.85	0.08	52.3	11.4	38	4.37	22.5
442503		0.31	<0.001	0.05	7.13	6.9	310	0.62	0.13	2.15	0.08	40.2	29.1	5	6.85	170.5
442504		0.38	0.002	0.07	6.19	2.6	600	1.26	0.08	1.22	0.07	60.9	9.1	45	3.68	40.2
442505		0.34	0.011	0.04	6.24	4.7	580	1.19	0.08	1.06	0.06	31.0	8.4	44	3.22	39.9
442506		0.36	0.010	0.03	6.86	4.5	680	1.49	0.08	1.39	0.04	51.7	9.3	48	3.61	44.3
442507		0.30	0.005	0.02	6.19	20.9	600	1.17	0.09	1.25	0.06	30.0	8.1	55	2.69	41.6
442508		0.39	<0.001	0.04	6.55	4.7	650	1.21	0.09	1.41	0.05	36.5	7.2	43	1.37	36.3
442509		0.29	<0.001	0.03	6.67	39.7	600	1.00	0.09	1.32	0.06	46.4	4.7	74	1.14	21.8
442510		0.07	<0.001	<0.01	0.10	0.9	<10	0.06	0.02	0.01	<0.02	1.85	0.4	4	0.09	4.5
442511		0.35	<0.001	0.02	6.69	1.8	710	1.13	0.07	1.58	0.04	30.8	4.6	31	0.97	7.7
442512		0.18	<0.001	0.08	6.23	28.6	290	0.47	0.09	4.28	0.13	25.1	14.7	206	0.53	34.0
442513		0.26	0.001	0.05	6.20	133.0	350	0.96	0.17	0.79	0.08	22.7	12.2	362	1.84	29.6
442514		0.21	0.019	0.75	4.24	27.5	430	1.24	1.41	0.13	0.03	31.7	1.8	40	3.63	64.8
442515		0.17	0.004	0.06	2.61	6.7	270	0.56	0.30	0.14	0.22	15.40	3.2	30	11.30	74.8
442516		0.16	<0.001	0.02	6.10	4.4	630	1.15	0.13	1.08	0.15	57.8	6.0	44	1.83	18.5
442517		0.16	<0.001	0.05	6.50	6.7	600	1.11	0.11	1.18	0.06	33.1	4.4	55	1.05	16.5
442518		0.34	<0.001	0.04	6.25	51.7	600	1.07	0.11	1.16	0.06	36.6	10.8	52	1.14	38.6
442519		0.15	<0.001	0.04	6.17	8.6	590	1.10	0.17	1.10	0.05	29.8	6.4	48	1.77	18.5
442520		0.14	<0.001	0.03	6.75	9.0	680	1.07	0.10	1.42	0.05	27.9	5.9	52	1.84	13.6

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À: MINIÈRE OSISKO INC.
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BUREAU 200
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Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442481		3.98	14.60	0.12	4.8	0.028	1.85	25.7	17.6	0.77	797	0.42	2.21	6.5	27.3	330
442482		3.47	16.05	0.13	4.9	0.028	2.04	14.7	16.5	0.74	404	0.44	2.42	6.3	15.6	130
442483		3.75	14.95	0.12	4.1	0.032	2.00	15.9	18.2	0.91	390	0.44	2.18	6.2	22.1	180
442484		3.17	15.10	0.13	5.3	0.030	2.06	23.7	16.4	0.81	429	0.92	2.40	6.1	21.2	730
442485		2.68	15.55	0.10	5.3	0.026	1.84	17.3	6.9	0.60	257	0.43	1.90	6.5	13.8	270
442486		7.35	15.95	0.11	4.3	0.036	1.86	19.8	18.8	0.76	420	1.42	1.79	7.0	17.5	200
442487		12.10	14.30	0.13	3.1	0.043	1.58	12.8	17.8	1.29	925	3.21	0.93	5.5	15.2	610
442488		7.92	16.05	0.12	5.4	0.037	1.63	14.3	15.3	1.05	746	1.76	1.84	7.6	16.3	260
442489		24.5	4.76	0.22	0.8	0.021	0.40	24.0	5.1	0.77	2370	0.24	0.05	3.0	21.7	1870
442490		4.16	14.30	0.13	4.7	0.029	1.88	26.8	12.7	0.55	295	0.87	1.98	5.5	11.5	220
442491		2.27	4.09	0.12	1.4	0.014	0.40	25.3	5.0	0.24	2700	1.99	0.40	1.9	21.8	2750
442492		3.79	17.50	0.09	5.2	0.029	2.00	14.4	12.7	0.68	330	0.55	2.22	7.4	14.1	170
442493		3.04	15.20	0.10	3.4	0.031	2.01	14.8	12.7	0.57	272	0.42	2.36	5.5	12.8	190
442494		3.75	16.60	0.10	5.6	0.039	1.92	18.1	24.8	0.80	705	0.38	2.19	7.4	18.4	290
442495		14.95	22.4	0.19	4.4	0.094	0.42	16.7	21.8	0.23	482	2.54	0.10	14.7	232	430
442496		4.31	17.30	0.10	4.6	0.039	1.82	21.2	21.5	0.83	436	0.55	2.21	8.1	22.4	210
442497		3.40	15.90	0.13	4.7	0.027	2.05	17.7	14.8	0.74	359	0.47	2.33	7.0	16.2	350
442498		3.56	15.35	0.11	5.2	0.032	2.01	24.1	17.7	0.70	486	0.41	2.34	6.6	17.5	240
442499		3.59	14.70	0.14	4.7	0.030	2.05	20.6	15.8	0.68	369	0.71	2.35	6.9	16.8	230
442500		4.10	16.95	0.12	4.3	0.032	2.15	24.4	20.8	0.90	750	0.62	2.31	7.1	24.5	260
442501		5.51	19.25	0.12	4.7	0.028	2.10	15.7	19.3	0.73	893	0.96	2.05	7.9	15.3	600
442502		9.34	15.70	0.13	3.2	0.035	0.72	27.0	74.4	3.16	1760	1.36	0.76	7.2	16.5	410
442503		11.35	22.9	0.18	2.7	0.204	0.92	19.7	46.8	1.09	1780	1.30	2.25	11.8	5.5	1230
442504		5.98	14.20	0.14	3.7	0.033	2.00	31.9	13.7	0.91	667	0.63	1.96	6.2	21.7	630
442505		7.00	14.55	0.14	3.5	0.036	1.78	15.2	12.1	0.86	501	0.60	1.81	6.5	17.6	190
442506		4.82	15.40	0.14	4.3	0.036	2.17	25.6	14.6	0.99	505	0.50	2.17	7.1	22.9	590
442507		7.27	16.00	0.13	4.4	0.042	1.82	14.6	12.2	0.88	461	0.76	1.88	7.0	18.9	230
442508		3.61	14.95	0.11	4.3	0.026	2.04	17.8	11.8	0.67	327	0.38	2.26	6.6	17.5	290
442509		3.51	15.55	0.12	5.8	0.032	1.86	23.2	9.2	0.69	312	0.50	1.89	6.4	14.0	310
442510		0.33	0.21	<0.05	0.3	<0.005	0.01	0.9	13.1	<0.01	31	0.65	<0.01	0.9	2.6	10
442511		1.91	13.65	0.11	4.1	0.020	2.21	14.5	7.0	0.51	259	0.27	2.74	5.1	11.2	580
442512		5.78	18.15	0.08	2.9	0.048	0.88	11.5	4.4	2.22	815	0.65	1.61	5.0	41.4	370
442513		10.10	16.05	0.09	3.3	0.052	1.06	10.5	23.5	1.96	1140	1.61	1.27	7.2	37.4	350
442514		15.65	12.55	0.12	2.7	0.049	2.27	21.7	17.4	1.21	1990	5.18	0.51	8.2	6.0	490
442515		22.9	8.93	0.10	1.5	0.062	0.62	8.0	2.3	1.36	1220	1.55	0.25	4.6	9.6	710
442516		4.03	15.15	0.13	4.7	0.026	2.09	31.0	9.4	0.53	497	0.95	2.07	5.6	14.2	350
442517		3.87	14.80	0.09	4.3	0.030	1.81	17.2	13.9	0.52	262	0.57	1.97	6.4	11.9	220
442518		4.40	16.15	0.11	4.6	0.032	1.86	18.1	10.7	0.69	407	0.50	1.94	7.0	21.7	220
442519		5.30	18.90	0.14	5.0	0.035	1.83	15.0	9.2	0.78	417	1.00	1.88	7.9	16.2	160
442520		3.11	16.30	0.12	3.9	0.026	2.19	14.0	9.8	0.72	296	0.45	2.21	6.4	15.8	270

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Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442481		15.6	68.4	<0.002	0.03	0.26	10.7	2	1.0	281	0.51	<0.05	6.44	0.271	0.44	1.3
442482		12.9	72.2	<0.002	0.01	0.17	8.8	1	1.1	305	0.52	0.05	3.48	0.263	0.40	0.9
442483		13.5	71.9	<0.002	0.01	0.26	10.0	1	0.9	272	0.52	0.06	5.40	0.262	0.43	1.2
442484		13.0	77.1	<0.002	0.01	0.28	9.0	1	0.9	307	0.48	<0.05	5.75	0.252	0.41	1.6
442485		13.5	57.2	<0.002	0.02	0.18	8.6	1	1.0	238	0.51	<0.05	4.70	0.288	0.37	1.2
442486		22.1	69.6	<0.002	0.01	0.28	8.3	1	1.1	211	0.51	0.07	7.94	0.277	0.47	1.5
442487		66.5	59.7	<0.002	0.07	0.40	7.8	2	1.0	105.5	0.38	0.37	6.95	0.218	0.55	2.8
442488		22.1	51.7	<0.002	0.02	0.24	8.4	2	1.1	216	0.58	0.18	5.32	0.293	0.43	1.9
442489		14.7	33.9	<0.002	0.02	0.96	3.2	2	0.6	7.4	0.22	0.25	3.86	0.080	0.24	1.3
442490		15.9	61.5	<0.002	0.02	0.17	7.3	2	0.9	253	0.45	0.06	8.96	0.237	0.43	1.7
442491		4.3	15.4	0.008	0.24	0.93	8.8	6	0.3	79.8	0.15	<0.05	7.39	0.069	0.45	9.0
442492		14.3	65.9	<0.002	0.01	0.20	8.3	1	1.2	278	0.58	<0.05	3.71	0.311	0.40	1.1
442493		14.7	70.5	<0.002	0.01	0.13	7.1	1	0.8	299	0.44	<0.05	3.57	0.215	0.44	0.9
442494		15.9	65.0	<0.002	0.02	0.25	9.3	1	1.2	274	0.55	0.06	6.24	0.307	0.44	1.5
442495		21.1	41.6	<0.002	0.05	0.91	52.1	5	2.7	30.9	1.13	0.16	15.15	0.804	0.24	2.8
442496		16.1	61.7	<0.002	0.01	0.25	10.4	1	1.2	266	0.60	<0.05	5.68	0.424	0.41	1.3
442497		14.9	65.9	<0.002	0.01	0.17	8.9	1	1.0	293	0.60	0.05	4.85	0.298	0.44	1.1
442498		21.7	64.8	<0.002	0.02	0.21	8.7	1	1.0	290	0.51	<0.05	7.14	0.268	0.37	1.4
442499		17.4	73.4	<0.002	0.01	0.27	8.5	1	1.0	295	0.52	0.05	5.62	0.259	0.40	1.1
442500		17.6	85.2	<0.002	0.01	0.18	9.7	1	1.1	289	0.53	0.06	8.00	0.277	0.51	1.3
442501		21.4	75.5	<0.002	0.02	0.31	7.5	1	1.1	267	0.63	<0.05	4.63	0.332	0.39	1.6
442502		22.8	47.4	<0.002	0.03	0.14	6.7	1	0.8	69.8	0.56	0.15	10.15	0.231	0.29	1.9
442503		9.2	107.0	<0.002	0.04	0.28	31.0	4	1.7	109.5	0.69	0.22	3.71	1.045	0.67	1.2
442504		19.1	88.0	<0.002	0.01	0.23	8.3	1	1.0	242	0.45	0.06	9.82	0.236	0.46	1.2
442505		17.6	68.5	<0.002	0.01	0.28	8.3	2	1.0	224	0.49	0.08	5.13	0.255	0.40	1.0
442506		14.7	90.6	0.002	0.01	0.24	9.9	2	1.1	271	0.51	0.05	6.17	0.276	0.48	1.2
442507		13.5	67.4	<0.002	0.01	0.40	9.1	1	1.0	237	0.48	0.13	4.68	0.283	0.40	1.1
442508		13.3	72.0	<0.002	0.02	0.18	8.6	1	0.9	279	0.50	<0.05	4.91	0.254	0.36	1.0
442509		13.1	65.8	<0.002	0.02	0.28	10.6	1	1.1	245	0.44	<0.05	6.67	0.295	0.34	1.3
442510		0.5	0.4	<0.002	<0.01	0.21	0.2	<1	0.5	0.7	0.06	<0.05	0.59	0.029	<0.02	0.1
442511		11.6	79.1	<0.002	0.01	0.11	6.0	<1	0.8	353	0.39	<0.05	3.05	0.200	0.35	0.7
442512		11.3	30.9	<0.002	0.02	0.43	33.6	1	1.0	162.5	0.33	<0.05	2.74	0.510	0.16	0.7
442513		13.3	42.4	<0.002	0.02	0.34	22.3	1	1.0	110.0	0.49	0.15	4.21	0.356	0.30	1.3
442514		70.9	101.0	0.002	1.92	0.35	8.3	5	0.8	9.3	0.58	0.86	15.00	0.216	0.84	2.9
442515		10.3	33.2	<0.002	0.34	1.62	3.7	2	0.7	35.5	0.34	0.29	4.87	0.144	0.13	0.8
442516		14.7	89.0	<0.002	0.02	0.28	7.3	1	0.9	261	0.39	<0.05	7.80	0.235	0.36	1.5
442517		15.1	62.3	<0.002	0.02	0.21	8.2	1	1.0	255	0.43	<0.05	3.95	0.288	0.32	1.0
442518		15.9	66.7	<0.002	0.02	0.31	9.3	1	1.0	248	0.55	0.05	4.63	0.292	0.32	1.0
442519		14.7	72.2	<0.002	0.02	0.42	8.8	1	1.2	234	0.56	0.08	4.12	0.343	0.34	1.3
442520		12.5	84.8	<0.002	0.01	0.20	8.5	1	1.0	282	0.51	<0.05	3.21	0.291	0.38	0.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442481		74	0.5	13.1	38	167.5
442482		72	0.5	7.3	32	178.5
442483		70	0.5	8.6	36	143.5
442484		59	0.4	11.6	54	166.0
442485		69	0.6	6.6	22	190.0
442486		78	0.8	7.3	37	158.5
442487		99	0.9	8.6	82	111.0
442488		89	0.7	8.4	51	201
442489		45	0.3	22.1	80	25.3
442490		56	0.5	8.6	29	160.0
442491		27	0.4	18.9	16	45.9
442492		82	0.5	7.4	28	187.5
442493		49	0.4	6.6	24	126.5
442494		71	0.6	10.1	41	201
442495		235	1.7	10.7	43	164.5
442496		96	0.5	10.1	38	175.0
442497		69	0.5	8.8	32	172.0
442498		64	0.5	10.6	33	212
442499		54	0.4	8.9	32	175.5
442500		67	0.6	9.6	47	169.0
442501		88	0.6	8.0	38	169.0
442502		59	0.4	13.6	54	134.5
442503		50	0.7	43.3	52	94.0
442504		54	0.4	12.6	52	139.5
442505		63	0.4	7.3	41	134.0
442506		63	0.5	11.8	57	162.5
442507		71	0.8	7.8	40	168.0
442508		60	0.4	8.6	30	168.0
442509		82	0.6	8.3	25	210
442510		3	0.2	0.6	3	8.0
442511		42	0.3	7.0	23	152.5
442512		269	0.6	12.0	54	108.5
442513		164	0.7	10.1	63	117.5
442514		76	1.1	10.4	53	101.5
442515		47	0.5	5.3	102	55.4
442516		70	0.5	9.1	33	170.5
442517		73	0.6	6.8	21	157.5
442518		77	0.5	6.8	27	168.0
442519		108	0.7	7.2	34	186.5
442520		76	0.5	6.1	31	143.0

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Finalisée date:
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Compte: MINVIR

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CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442521		0.22	<0.001	0.03	7.24	8.9	690	1.26	0.14	1.31	0.04	27.4	7.7	49	2.58	9.8
442522		0.22	<0.001	0.02	6.53	2.9	670	1.02	0.09	1.15	0.03	27.1	4.1	39	1.15	22.2
442523		0.42	<0.001	0.03	6.80	5.5	690	1.20	0.09	1.56	0.05	42.4	8.3	45	1.36	22.4
442524		0.34	<0.001	0.02	7.08	5.1	640	1.19	0.09	1.15	0.08	35.8	5.9	56	2.11	10.9
442525		0.25	<0.001	0.03	3.87	0.5	120	1.04	0.02	0.04	0.06	18.10	7.8	35	8.22	20.2
442526		0.22	<0.001	0.02	3.26	0.5	60	0.58	0.02	0.02	0.07	20.2	6.1	33	3.44	15.2
442527		0.25	<0.001	0.02	6.24	4.6	570	1.20	0.08	1.06	0.11	38.3	7.7	39	1.48	15.3
442528		0.31	<0.001	0.01	6.40	1.8	650	1.16	0.09	1.17	0.04	34.0	4.0	37	1.06	9.7
442529		0.36	0.002	0.01	6.43	1.4	660	1.07	0.09	1.11	0.05	38.1	4.1	36	1.05	7.8
442530		0.28	<0.001	0.02	6.95	7.2	680	1.30	0.08	1.37	0.06	41.8	7.1	42	1.07	6.3
442531		0.29	<0.001	0.04	7.07	3.8	740	1.29	0.08	1.77	0.06	56.1	10.0	47	1.19	20.1
442532		0.16	<0.001	0.02	6.48	3.7	730	1.05	0.10	1.20	0.07	26.4	3.8	39	1.25	7.5
442533		0.26	<0.001	0.02	6.75	5.1	670	1.15	0.09	1.33	0.04	30.2	5.7	42	1.31	13.5
442534		0.21	<0.001	0.02	7.33	3.8	650	1.23	0.08	1.30	0.07	45.1	7.8	55	1.44	15.9
442535		0.07	0.023	0.15	8.53	14.1	190	0.73	0.32	0.19	0.03	38.5	31.9	582	3.77	387
442536		0.29	<0.001	0.08	6.98	3.0	670	1.58	0.09	1.35	0.13	47.9	7.8	44	1.92	8.7
442537		0.28	<0.001	0.04	4.83	3.7	240	0.64	0.19	0.44	0.08	35.8	9.6	37	1.93	19.9
442538		0.24	<0.001	0.02	8.98	8.5	660	2.45	0.54	0.38	0.03	40.2	7.2	88	3.12	17.5
442539		0.30	<0.001	0.04	7.05	4.6	670	1.54	0.12	1.30	0.08	73.4	8.5	52	1.60	19.1
442540		0.16	0.004	0.33	4.48	3.1	300	1.26	0.34	0.45	0.11	61.6	6.6	57	5.49	160.5

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442521		3.30	22.0	0.12	4.3	0.032	2.29	13.7	14.9	0.90	364	0.63	2.32	8.4	17.9	140
442522		3.07	16.40	0.12	5.3	0.026	2.07	13.9	7.9	0.52	265	0.45	2.15	6.3	10.0	110
442523		3.03	14.35	0.15	4.4	0.032	2.14	20.5	14.1	0.76	375	0.56	2.37	6.4	20.5	410
442524		3.83	14.40	0.13	3.9	0.035	2.08	17.9	12.4	0.71	293	0.50	1.95	6.3	17.7	460
442525		14.70	9.29	0.09	1.6	0.045	0.54	8.1	19.5	1.39	716	0.49	0.07	7.6	18.5	310
442526		13.70	7.97	0.09	1.4	0.041	0.24	9.3	12.1	1.23	798	0.57	0.04	3.3	14.9	280
442527		3.93	13.60	0.12	3.8	0.030	1.81	15.7	11.9	0.51	424	0.45	1.87	5.8	12.2	230
442528		2.99	15.00	0.12	4.9	0.026	1.98	17.0	8.3	0.48	245	0.48	2.23	6.2	9.5	150
442529		2.65	15.20	0.12	4.5	0.025	1.98	20.1	9.8	0.53	233	0.35	2.03	5.9	10.9	170
442530		2.87	14.15	0.16	4.7	0.027	2.06	20.5	12.3	0.57	291	0.37	2.40	6.1	14.2	220
442531		3.31	14.85	0.15	5.8	0.028	2.28	26.2	12.5	0.78	426	0.45	2.59	7.0	21.4	740
442532		2.60	15.70	0.12	4.8	0.023	2.27	13.5	5.7	0.44	231	0.77	2.37	6.5	10.3	130
442533		2.60	14.10	0.14	4.3	0.024	2.11	15.2	12.2	0.62	281	0.30	2.34	5.9	14.1	130
442534		4.41	15.50	0.14	4.7	0.037	2.00	22.0	16.5	0.75	360	0.59	2.11	7.3	18.4	210
442535		15.00	21.6	0.16	4.2	0.091	0.42	18.3	21.2	0.23	505	2.45	0.10	14.6	231	440
442536		3.93	14.35	0.14	5.2	0.032	2.13	21.8	14.8	0.72	444	0.68	2.34	7.0	15.6	550
442537		9.09	11.95	0.11	3.5	0.028	0.70	20.1	19.9	2.15	881	0.81	0.40	5.5	15.2	310
442538		3.91	24.0	0.13	4.4	0.044	3.69	16.6	22.1	0.88	318	2.37	0.74	10.0	22.3	170
442539		3.79	14.65	0.16	4.9	0.030	2.27	27.5	16.2	0.80	454	0.68	2.26	6.4	23.6	580
442540		11.05	11.85	0.15	2.1	0.044	1.31	34.5	23.5	1.72	2320	2.26	0.89	8.5	18.3	610

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442521		18.1	102.0	<0.002	0.01	0.19	8.9	1	1.4	292	0.63	<0.05	4.31	0.383	0.43	1.0
442522		12.6	73.4	<0.002	0.01	0.19	7.3	1	1.0	269	0.48	<0.05	3.74	0.284	0.36	0.9
442523		12.9	79.3	<0.002	0.01	0.16	8.2	1	0.9	302	0.46	<0.05	5.19	0.256	0.38	1.0
442524		12.2	79.8	<0.002	0.01	0.16	8.1	1	0.9	251	0.46	<0.05	4.63	0.246	0.34	1.0
442525		2.6	81.7	<0.002	0.01	0.14	5.5	1	1.4	7.9	0.58	0.09	4.45	0.203	0.45	1.0
442526		2.2	35.5	<0.002	0.02	0.13	4.5	1	0.6	4.2	0.26	0.06	4.92	0.095	0.20	1.0
442527		11.7	67.9	<0.002	0.02	0.16	7.1	1	0.9	238	0.42	<0.05	4.57	0.231	0.34	1.0
442528		12.9	69.9	<0.002	0.01	0.17	6.8	1	0.9	279	0.47	<0.05	3.57	0.261	0.33	1.0
442529		12.7	71.5	<0.002	0.02	0.15	7.0	1	1.0	259	0.43	<0.05	3.90	0.258	0.36	0.9
442530		12.8	72.8	<0.002	0.01	0.14	7.7	1	0.9	311	0.43	<0.05	4.27	0.244	0.36	0.9
442531		13.3	83.7	<0.002	<0.01	0.16	9.0	1	1.0	343	0.50	<0.05	5.64	0.267	0.36	1.1
442532		12.0	86.8	<0.002	0.01	0.23	6.4	1	1.0	308	0.48	<0.05	2.97	0.258	0.39	0.8
442533		12.5	79.5	<0.002	0.01	0.14	7.4	1	0.9	297	0.45	<0.05	3.55	0.240	0.36	0.9
442534		14.1	74.7	<0.002	0.02	0.17	9.5	1	1.0	270	0.52	<0.05	6.20	0.284	0.37	1.1
442535		20.2	46.5	<0.002	0.05	0.85	56.4	4	2.6	35.0	1.03	0.09	13.60	0.798	0.24	2.4
442536		14.6	82.6	<0.002	0.01	0.17	8.0	1	0.9	305	0.53	0.05	4.63	0.257	0.36	1.2
442537		17.1	32.0	<0.002	0.02	0.15	5.3	1	0.9	58.6	0.39	0.18	7.09	0.206	0.33	1.2
442538		12.9	151.5	<0.002	0.01	0.24	14.3	1	1.8	108.0	0.77	0.13	12.85	0.379	0.55	2.0
442539		13.7	84.5	<0.002	0.01	0.21	8.5	1	1.0	288	0.47	<0.05	7.08	0.253	0.36	1.3
442540		17.4	92.5	0.002	0.49	0.23	8.4	3	1.0	32.4	0.60	0.40	9.09	0.255	0.63	2.5

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Finalisée date:
16- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146641

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442521		86	0.6	6.4	40	154.0
442522		71	0.6	5.5	20	196.0
442523		59	0.4	8.4	34	161.0
442524		59	0.4	7.7	42	140.0
442525		50	0.1	3.3	79	56.3
442526		37	0.1	3.2	75	51.9
442527		55	0.4	7.0	33	140.0
442528		63	0.5	6.6	21	179.5
442529		61	0.5	5.9	20	162.5
442530		55	0.5	7.9	25	171.0
442531		63	0.4	11.6	41	212
442532		69	0.5	4.9	21	178.5
442533		53	0.4	6.3	27	154.0
442534		70	0.6	8.0	30	172.5
442535		242	1.7	9.6	45	153.5
442536		56	0.4	10.6	68	188.0
442537		40	0.4	5.8	51	130.5
442538		89	1.2	9.7	33	157.5
442539		63	0.5	10.5	43	182.5
442540		71	0.5	19.3	78	77.4

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CERTIFICAT D'ANALYSE VO17146641

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date:
22- AOUT- 2017
Compte: MINVIR

CERTIFICAT VO17146654

Projet: KAN

Ce rapport s'applique aux 140 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 17- JUIL- 2017.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date:
22- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442541		0.25	0.005	0.45	4.83	1.1	450	1.17	0.68	0.39	0.04	36.7	1.7	77	4.39	57.8
442542		0.22	<0.001	0.06	6.39	7.8	580	0.97	0.17	1.29	0.09	54.9	5.3	62	1.24	29.4
442543		0.21	<0.001	0.01	5.97	4.9	620	0.87	0.16	1.16	0.06	38.9	4.2	45	1.41	7.4
442544		0.26	<0.001	0.11	4.37	3.3	470	1.65	0.30	0.40	0.27	47.0	17.8	43	14.25	94.6
442545		0.11	0.003	0.25	5.87	311	370	1.18	0.32	2.13	0.39	60.7	59.3	117	2.28	248
442546		0.29	<0.001	0.01	6.81	15.0	730	0.96	0.13	1.26	0.03	41.2	5.4	51	2.05	4.9
442547		0.24	<0.001	0.01	6.91	27.6	690	1.06	0.16	1.36	0.05	40.9	9.0	54	2.08	13.5
442548		0.24	<0.001	0.03	6.88	4.2	630	1.08	0.12	1.21	0.07	41.0	7.2	49	1.39	13.0
442549		0.25	0.014	0.09	2.81	17.9	280	1.16	0.25	0.41	0.26	48.9	9.6	34	12.40	101.5
442550		0.07	<0.001	0.01	0.10	0.8	10	<0.05	0.03	0.01	<0.02	2.51	0.4	6	0.12	5.4
442551		0.36	<0.001	0.09	6.73	4.5	570	1.00	0.16	1.09	0.07	38.0	8.6	56	2.31	52.5
442552		0.33	<0.001	0.02	6.77	5.4	630	0.98	0.15	1.09	0.05	38.2	6.3	51	1.77	11.3
442553		0.28	<0.001	0.02	6.50	7.9	560	1.10	0.16	1.08	0.04	36.7	6.9	53	1.65	18.7
442554		0.27	0.005	0.35	3.05	12.3	350	0.77	0.42	0.85	0.21	29.3	5.1	56	2.13	147.0
442555		0.25	0.002	0.19	4.15	7.2	280	1.50	0.39	0.60	0.23	51.6	13.1	40	9.99	117.5
442556		0.21	<0.001	0.12	5.95	86.7	460	1.65	0.12	0.82	0.40	98.9	30.2	85	5.21	152.5
442557		0.22	0.001	0.03	3.30	33.3	70	2.32	0.12	0.09	0.12	36.4	10.6	53	2.70	90.3
442558		0.37	<0.001	0.02	7.31	3.5	690	1.29	0.10	1.13	0.04	47.9	8.7	55	2.38	27.9
442559		0.36	0.001	0.08	6.11	4.6	570	1.33	0.13	1.43	0.10	46.9	13.4	42	2.53	158.5
442560		0.29	0.066	0.03	6.16	2.8	600	1.19	0.07	1.33	0.05	36.6	12.7	40	2.04	46.0
442561		0.30	<0.001	0.03	6.50	28.6	600	0.87	0.09	1.60	0.05	41.5	10.1	60	1.40	19.2
442562		0.33	<0.001	0.03	6.54	11.8	480	1.07	0.25	0.87	0.04	40.1	9.5	61	2.15	58.7
442563		0.16	<0.001	0.08	5.99	9.0	530	0.95	0.11	1.30	0.10	40.3	11.1	48	1.91	72.3
442564		0.26	<0.001	0.03	6.56	11.4	590	1.01	0.17	1.41	0.05	36.4	7.9	53	1.76	17.9
442565		0.30	<0.001	0.05	6.47	3.0	630	1.16	0.08	1.44	0.06	42.4	6.4	39	1.07	12.1
442566		0.16	NSS	0.05	3.48	10.5	280	1.21	0.09	0.68	0.13	52.7	23.0	58	9.62	140.0
442567		0.17	NSS	0.20	5.55	55.5	250	1.19	0.94	2.59	0.19	54.3	46.1	151	4.88	229
442568		0.22	0.003	0.25	4.48	40.9	110	0.46	0.32	0.86	0.16	13.40	7.5	66	5.84	114.0
442569		0.24	<0.001	0.02	6.25	124.0	210	0.97	0.12	2.95	0.09	20.3	15.1	74	3.40	9.2
442570		0.32	0.001	0.34	4.44	1.3	280	0.94	0.47	0.14	0.02	13.00	2.2	55	4.27	73.3
442571		0.25	<0.001	0.04	6.40	18.0	570	1.39	0.34	0.99	0.15	75.7	20.9	51	3.17	99.5
442572		0.29	<0.001	0.05	6.01	106.5	550	0.85	0.17	1.68	0.07	45.0	8.5	95	0.97	24.0
442573		0.20	<0.001	0.04	7.10	21.2	560	1.26	0.12	0.92	0.04	47.0	10.9	76	2.41	37.8
442574		0.17	<0.001	0.02	6.01	49.2	480	0.78	0.13	1.11	0.04	32.8	12.3	214	2.11	15.9
442575		0.07	0.022	0.15	8.31	13.9	190	0.71	0.31	0.18	0.03	39.4	32.2	529	4.09	376
442576		0.27	<0.001	0.03	7.17	18.9	620	1.40	0.09	1.35	0.08	71.3	17.4	177	2.02	22.5
442577		0.24	0.013	0.99	4.12	2.9	380	1.34	2.74	0.15	0.05	37.8	1.0	35	4.00	48.6
442578		0.27	<0.001	0.05	6.34	18.1	640	1.03	0.13	1.24	0.05	38.6	6.7	55	1.31	33.7
442579		0.32	<0.001	0.02	6.41	13.5	690	1.05	0.08	1.38	0.04	29.9	6.0	42	1.50	18.0
442580		0.32	<0.001	0.02	7.19	2.8	750	1.40	0.13	0.89	0.04	35.2	12.0	55	2.79	11.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
22- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442541		12.65	14.85	0.14	2.5	0.044	2.61	28.9	19.9	1.59	1260	3.89	0.96	12.0	6.4	410
442542		3.80	15.20	0.13	4.9	0.030	1.79	27.3	10.7	0.59	386	0.88	2.03	7.3	13.0	330
442543		3.90	17.20	0.14	5.9	0.026	1.97	19.6	6.9	0.47	264	0.62	2.04	7.3	10.4	200
442544		15.15	10.70	0.11	2.0	0.048	0.96	18.2	18.5	1.56	4990	2.10	0.69	8.8	18.3	350
442545		6.87	11.45	0.14	2.0	0.037	0.99	40.0	20.9	0.90	1720	2.16	0.96	5.7	42.6	840
442546		2.70	18.95	0.13	4.8	0.029	2.37	21.8	8.5	0.67	284	0.42	2.08	7.5	13.2	100
442547		3.82	16.65	0.13	5.1	0.033	2.27	19.5	14.3	0.77	488	0.53	2.17	8.0	17.7	130
442548		3.37	14.95	0.14	4.2	0.030	2.04	20.7	13.6	0.67	322	0.52	2.17	7.2	17.2	170
442549		17.55	8.21	0.13	1.3	0.043	0.54	28.8	4.4	1.63	1480	1.33	0.15	5.7	28.0	500
442550		0.38	0.24	0.07	0.3	<0.005	0.01	1.2	13.8	0.01	36	0.69	0.01	1.0	2.9	10
442551		4.52	15.15	0.13	4.2	0.030	1.96	19.8	13.7	0.96	487	0.65	1.73	7.0	20.4	240
442552		4.05	18.05	0.14	4.5	0.032	2.16	18.9	12.1	0.76	347	0.55	1.90	7.9	16.3	240
442553		3.59	14.95	0.14	4.1	0.029	1.93	19.3	13.4	0.76	404	0.46	1.79	7.3	16.2	230
442554		15.60	11.30	0.12	2.7	0.044	0.57	16.2	3.4	1.05	1010	1.29	0.46	8.0	17.1	690
442555		12.60	10.65	0.11	2.1	0.054	0.97	31.3	29.1	1.98	2710	2.33	0.59	8.1	26.9	480
442556		10.15	12.40	0.15	2.5	0.039	1.37	44.7	23.5	1.02	3440	1.51	1.11	5.8	36.8	850
442557		22.5	7.93	0.12	1.3	0.051	0.22	21.7	20.8	0.71	1800	1.55	0.40	6.0	15.0	690
442558		3.93	16.05	0.13	3.3	0.031	2.27	25.5	18.9	0.96	416	0.53	2.03	6.8	24.8	230
442559		5.09	13.35	0.15	3.3	0.028	1.80	32.2	15.3	0.97	715	1.20	1.91	5.9	54.9	370
442560		4.61	12.60	0.13	3.6	0.028	1.85	18.8	15.0	0.83	631	1.08	2.04	5.7	25.8	360
442561		3.90	16.45	0.17	3.5	0.037	1.90	21.2	14.7	1.18	388	0.73	1.71	6.5	26.1	220
442562		6.47	14.20	0.14	3.5	0.040	1.54	20.4	19.5	1.03	467	1.16	1.44	7.1	23.0	420
442563		6.28	13.80	0.15	3.4	0.037	1.58	21.1	10.9	1.11	683	1.04	1.65	6.6	21.3	360
442564		4.71	18.05	0.15	4.2	0.035	1.85	17.8	12.1	0.91	446	0.71	2.05	8.1	17.3	250
442565		2.79	13.30	0.17	3.8	0.025	1.98	18.6	9.4	0.59	341	0.32	2.38	6.0	15.2	590
442566		18.60	8.03	0.17	1.2	0.095	0.57	33.3	10.7	2.15	3060	0.91	0.08	6.3	32.7	860
442567		10.50	12.95	0.17	1.6	0.057	0.86	30.5	28.2	2.65	2300	1.92	0.63	7.2	73.8	770
442568		15.60	13.10	0.12	1.7	0.058	0.59	8.6	17.7	1.89	1070	1.02	0.13	7.3	18.6	470
442569		9.12	17.65	0.11	2.1	0.088	0.73	9.2	21.5	2.28	1260	2.32	0.81	5.0	40.8	220
442570		12.15	14.25	0.12	2.3	0.076	1.40	10.6	21.6	1.58	1680	3.67	0.69	10.7	6.7	500
442571		5.42	14.15	0.16	3.9	0.039	1.73	35.8	23.4	1.28	1240	1.68	1.74	6.9	37.9	480
442572		4.60	20.1	0.17	5.3	0.033	1.65	21.7	6.3	0.91	402	0.77	1.70	8.2	21.6	180
442573		4.37	19.20	0.16	4.8	0.042	1.77	24.3	24.4	1.04	415	1.55	1.84	13.7	25.9	400
442574		5.40	19.00	0.14	3.7	0.034	1.57	16.7	15.9	1.41	541	0.89	1.44	6.1	33.0	280
442575		14.55	21.6	0.12	4.2	0.100	0.42	18.4	20.8	0.22	493	2.46	0.10	15.7	232	430
442576		5.03	16.20	0.16	5.3	0.041	1.90	27.9	25.6	1.66	701	0.47	1.98	6.5	43.8	360
442577		13.80	11.20	0.16	3.0	0.076	2.02	22.4	14.8	1.18	1460	8.64	0.77	9.8	4.4	650
442578		4.04	18.30	0.16	4.7	0.032	1.98	19.7	11.5	0.76	390	1.14	1.89	8.0	18.4	170
442579		2.72	13.90	0.15	3.8	0.027	2.14	14.6	11.8	0.68	342	0.53	2.27	6.0	14.8	150
442580		4.23	17.45	0.16	4.2	0.045	2.20	15.9	29.8	0.98	627	0.42	1.86	6.4	22.2	150

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date:
22- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442541		37.2	129.5	0.002	2.36	0.21	11.4	4	1.2	25.8	0.83	0.73	10.20	0.363	1.16	3.2
442542		15.8	65.3	<0.002	0.03	0.22	8.9	1	1.1	253	0.56	0.09	7.30	0.279	0.38	1.9
442543		17.5	73.8	<0.002	0.02	0.17	7.2	1	1.1	262	0.55	0.06	5.32	0.299	0.37	1.2
442544		21.9	103.0	<0.002	0.12	0.32	6.6	2	1.1	31.0	0.64	0.42	8.63	0.214	0.84	2.4
442545		16.0	45.2	0.002	0.11	0.31	13.5	5	0.7	124.0	0.44	0.38	8.64	0.226	0.35	5.3
442546		17.0	97.8	<0.002	0.01	0.13	10.0	1	1.3	269	0.56	<0.05	5.93	0.326	0.49	1.3
442547		15.7	92.7	<0.002	0.01	0.15	9.2	1	1.2	282	0.62	<0.05	5.16	0.306	0.45	1.2
442548		15.3	78.3	<0.002	0.01	0.18	8.2	1	1.0	273	0.56	<0.05	5.78	0.271	0.41	1.2
442549		11.9	45.2	<0.002	0.18	1.06	5.5	2	1.0	17.8	0.41	0.37	6.53	0.159	0.18	1.7
442550		0.6	0.5	<0.002	<0.01	0.19	0.2	<1	0.5	1.0	0.07	<0.05	0.71	0.031	<0.02	0.2
442551		15.0	81.2	<0.002	0.01	0.18	9.6	1	1.1	212	0.54	<0.05	6.44	0.309	0.44	1.4
442552		19.7	88.0	<0.002	0.01	0.17	9.1	1	1.2	239	0.62	<0.05	5.83	0.320	0.44	1.3
442553		15.1	75.8	<0.002	0.01	0.17	8.5	1	1.1	224	0.56	<0.05	6.30	0.299	0.41	1.2
442554		14.3	24.6	<0.002	0.05	0.97	7.2	2	1.7	60.1	0.50	0.48	5.80	0.259	0.20	1.7
442555		23.1	109.0	<0.002	0.16	0.43	6.3	3	1.4	29.8	0.58	0.36	8.49	0.220	0.73	2.4
442556		21.9	70.1	<0.002	0.03	0.28	10.4	2	1.0	138.5	0.45	0.12	8.95	0.213	0.49	2.3
442557		17.9	17.0	<0.002	0.04	0.16	4.3	5	1.2	17.3	0.45	0.32	6.60	0.160	0.24	2.1
442558		14.1	94.1	<0.002	0.01	0.18	9.6	1	1.0	255	0.51	<0.05	7.04	0.254	0.46	1.2
442559		18.3	76.3	<0.002	0.03	0.23	9.7	1	0.9	229	0.44	0.07	5.85	0.235	0.43	1.7
442560		13.8	72.9	<0.002	0.01	0.19	7.7	1	0.8	258	0.41	<0.05	4.91	0.225	0.38	1.1
442561		13.3	70.0	<0.002	0.01	0.27	12.3	1	0.9	219	0.45	<0.05	5.08	0.291	0.37	0.9
442562		19.8	59.3	<0.002	0.02	0.31	9.0	1	1.0	178.0	0.52	0.05	5.85	0.270	0.36	1.4
442563		19.5	59.6	<0.002	0.01	0.23	10.5	1	0.9	204	0.54	0.06	4.53	0.302	0.37	1.2
442564		15.9	68.9	<0.002	0.02	0.23	9.3	1	1.1	252	0.59	<0.05	4.72	0.370	0.37	1.1
442565		12.9	71.9	<0.002	0.01	0.14	7.6	1	0.7	305	0.45	<0.05	3.89	0.216	0.35	1.0
442566		17.2	52.5	<0.002	0.04	0.53	11.9	1	1.2	19.4	0.40	0.15	7.92	0.218	0.34	1.5
442567		12.6	64.2	0.003	0.19	0.63	21.2	4	1.3	59.3	0.48	0.44	6.59	0.351	0.80	3.0
442568		26.9	87.3	<0.002	0.09	0.53	11.0	6	0.9	29.9	0.57	0.85	6.42	0.312	0.92	1.1
442569		16.2	38.9	<0.002	0.02	0.57	34.2	1	1.0	127.0	0.32	0.16	2.62	0.530	0.30	0.7
442570		21.9	78.1	<0.002	0.69	0.17	7.8	4	1.7	15.5	0.76	0.68	8.75	0.302	0.72	2.8
442571		26.1	77.6	<0.002	0.02	0.52	8.1	1	1.0	206	0.50	0.14	8.12	0.246	0.44	1.5
442572		19.4	56.1	<0.002	0.01	0.36	14.1	1	1.5	213	0.54	0.11	5.42	0.412	0.36	1.3
442573		16.2	70.8	<0.002	0.01	0.26	11.3	1	1.4	199.0	0.83	<0.05	6.83	0.534	0.45	1.7
442574		16.5	59.1	<0.002	0.02	0.22	16.2	1	0.9	177.0	0.40	0.07	4.74	0.344	0.32	1.0
442575		21.2	44.1	<0.002	0.05	0.87	54.7	4	2.6	35.1	1.12	0.13	15.30	0.765	0.24	2.7
442576		16.0	67.5	<0.002	0.01	0.15	20.1	1	1.0	259	0.44	<0.05	7.42	0.272	0.42	1.3
442577		101.0	93.3	0.003	1.57	0.63	6.8	6	1.2	28.7	0.74	1.37	9.03	0.268	0.76	2.8
442578		15.0	73.1	<0.002	0.02	0.22	9.2	<1	1.2	240	0.60	0.05	5.26	0.314	0.44	1.2
442579		12.0	81.4	<0.002	0.01	0.21	7.9	1	0.8	289	0.45	<0.05	3.27	0.240	0.37	0.9
442580		14.4	89.8	<0.002	0.01	0.21	10.3	1	1.1	200	0.46	0.11	5.54	0.296	0.44	1.0

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
22- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442541		107	1.0	10.4	71	96.7
442542		72	0.5	10.6	28	186.5
442543		68	0.6	6.9	25	220
442544		56	0.2	14.3	92	78.8
442545		76	0.5	23.1	59	88.4
442546		77	0.6	7.4	25	182.5
442547		71	0.6	8.4	38	194.5
442548		63	0.5	8.4	34	164.0
442549		47	0.3	16.1	64	50.7
442550		3	0.2	0.7	3	8.3
442551		65	0.5	8.3	39	165.5
442552		70	0.6	7.4	37	168.0
442553		56	0.5	8.3	35	161.0
442554		72	0.9	10.1	43	108.0
442555		52	0.4	17.7	98	82.6
442556		70	0.5	14.0	76	94.0
442557		81	0.3	12.0	55	52.5
442558		63	0.5	8.7	45	127.5
442559		62	0.4	16.9	48	125.5
442560		52	0.3	10.2	41	138.5
442561		90	0.5	8.6	44	135.0
442562		68	0.5	9.8	49	133.5
442563		89	0.5	12.0	55	135.5
442564		101	0.6	8.5	35	159.5
442565		47	0.3	10.0	28	142.0
442566		78	0.2	19.6	97	44.0
442567		131	0.5	22.9	119	62.0
442568		111	1.2	9.0	73	55.0
442569		257	0.7	17.0	64	86.3
442570		89	0.6	8.9	99	91.0
442571		60	0.6	11.0	133	152.0
442572		163	0.9	9.4	38	207
442573		98	0.7	11.2	50	194.5
442574		147	0.5	8.2	51	142.5
442575		230	1.6	12.0	45	158.5
442576		98	0.5	13.6	52	200
442577		64	1.0	15.5	53	116.0
442578		75	0.6	8.0	35	179.0
442579		52	0.4	7.5	32	149.5
442580		64	1.0	7.7	45	162.0

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CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442581		0.29	<0.001	0.02	7.16	4.9	720	1.32	0.11	1.30	0.05	44.7	8.2	53	1.57	6.7
442582		0.22	0.007	1.09	6.76	22.3	590	1.28	0.24	1.82	0.42	62.0	44.0	62	1.33	881
442583		0.44	<0.001	0.02	6.89	2.9	710	1.23	0.10	1.33	0.05	40.7	7.9	50	1.90	17.0
442584		0.34	<0.001	0.05	6.70	30.1	610	1.08	0.14	1.45	0.09	47.8	10.3	70	1.48	11.8
442585		0.22	<0.001	0.03	6.73	11.2	630	1.23	0.13	1.17	0.05	40.0	9.6	62	2.12	6.2
442586		0.40	<0.001	0.02	6.50	24.2	640	1.20	0.09	1.21	0.03	29.4	8.3	46	1.62	5.2
442587		0.38	<0.001	0.07	7.31	32.5	690	1.39	0.11	1.47	0.08	73.2	14.9	80	2.28	37.8
442588		0.48	<0.001	0.03	6.68	39.7	630	1.37	0.12	1.51	0.04	53.1	8.2	46	1.75	13.9
442589		0.35	0.004	0.05	6.17	147.5	330	0.68	0.13	1.42	0.09	26.6	22.7	354	1.25	25.9
442590		0.06	<0.001	0.01	0.10	1.1	<10	0.05	0.03	0.01	<0.02	2.16	0.5	6	0.10	4.7
442591		0.44	0.001	0.05	6.83	10.9	680	1.34	0.12	1.41	0.09	69.2	12.3	64	1.94	48.4
442592		0.33	<0.001	0.03	7.08	26.8	660	1.40	0.14	1.31	0.04	62.2	12.2	88	2.76	35.3
442593		0.25	<0.001	0.04	6.51	128.0	590	1.15	0.11	1.26	0.11	38.2	21.1	186	1.91	25.8
442594		0.31	<0.001	0.02	7.13	21.7	700	1.38	0.12	1.26	0.05	57.6	15.0	85	2.28	14.2
442595		0.28	<0.001	0.01	6.89	6.0	650	1.27	0.10	1.18	0.05	40.6	8.6	50	1.76	8.3
442596		0.24	<0.001	0.02	6.60	11.1	590	1.06	0.09	1.04	0.04	36.0	6.8	59	1.57	9.8
442597		0.24	<0.001	0.03	6.71	4.1	670	1.11	0.14	1.35	0.08	39.7	8.6	50	1.83	7.6
442598		0.23	<0.001	0.05	6.12	4.2	590	0.85	0.14	1.10	0.08	36.9	6.6	46	1.27	10.7
442599		0.27	<0.001	0.02	5.91	80.3	600	0.80	0.17	1.04	0.03	38.9	6.6	51	1.23	12.8
442600		0.32	0.001	0.03	6.38	27.0	580	1.13	0.14	1.08	0.04	39.0	7.4	57	1.12	12.3
442601		0.19	0.001	0.03	7.70	2.6	920	2.29	0.06	0.69	0.14	82.2	25.7	52	7.80	6.9
442602		0.20	<0.001	0.03	6.75	0.8	1360	2.11	0.04	0.11	0.03	6.79	6.2	53	5.83	3.5
442603		0.22	<0.001	0.29	5.55	6.2	480	1.90	0.58	0.70	0.08	67.0	23.9	47	5.88	46.7
442604		0.17	<0.001	0.07	5.75	7.1	630	2.41	0.06	0.88	0.22	60.4	14.2	44	5.21	25.9
442605		0.17	<0.001	0.04	5.69	22.2	240	2.19	0.09	0.19	0.04	21.4	10.3	37	8.82	6.8
442606		0.19	0.011	0.07	5.23	27.5	570	1.45	1.24	0.51	0.19	73.3	56.3	44	5.53	96.5
442607		0.22	<0.001	0.05	7.21	12.4	670	1.61	0.10	1.48	0.18	46.9	9.6	45	1.39	12.0
442608		0.34	<0.001	0.04	6.75	8.8	700	1.42	0.09	1.71	0.11	48.0	8.2	46	1.25	13.9
442609		0.17	0.001	0.05	5.12	3.7	500	1.54	0.07	1.40	0.35	37.7	8.0	38	4.76	18.7
442610		0.14	0.014	0.67	4.66	137.5	550	1.94	2.20	0.03	0.04	70.6	2.5	44	3.35	109.0
442611		0.16	<0.001	0.03	8.62	4.0	430	2.16	0.11	0.39	0.12	43.2	51.0	2090	4.16	242
442612		0.19	<0.001	0.05	6.11	5.6	610	1.14	0.13	1.25	0.08	34.7	7.7	52	1.34	8.4
442613		0.17	0.007	0.16	3.09	14.1	310	2.26	0.31	0.25	0.42	55.4	14.9	37	15.85	67.9
442614		0.23	0.024	0.32	2.64	4.2	190	1.43	0.11	0.03	1.44	40.9	11.4	31	4.76	197.5
442615		0.09	<0.001	0.07	9.17	13.7	150	0.95	0.32	0.31	0.04	46.6	7.9	113	6.59	32.8
442616		0.30	<0.001	0.03	6.85	4.8	650	1.35	0.07	1.30	0.05	37.4	7.1	48	1.49	13.3
442617		0.23	<0.001	0.27	4.20	14.2	280	1.48	0.11	0.78	0.56	53.6	13.9	66	8.37	71.3
442618		0.21	0.003	0.51	3.66	3.2	340	1.84	0.41	0.37	0.65	47.1	14.8	37	19.35	77.6
442619		0.20	<0.001	0.07	6.33	11.9	620	1.19	0.12	1.52	0.16	53.3	12.2	60	2.89	27.9
442620		0.32	<0.001	0.03	6.60	3.9	650	1.10	0.10	1.54	0.05	41.0	8.1	44	1.48	6.8

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CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442581		3.55	15.95	0.17	4.3	0.035	2.20	19.8	17.1	0.78	372	0.54	2.28	7.6	19.1	260
442582		6.17	15.35	0.18	4.7	0.070	1.70	28.5	22.0	0.93	3800	1.02	1.89	7.4	54.1	730
442583		2.92	15.40	0.19	4.4	0.034	2.20	20.6	15.7	0.78	365	0.33	2.24	7.4	20.1	350
442584		3.33	18.60	0.17	5.8	0.038	1.75	23.2	22.3	0.89	597	0.56	2.07	9.2	21.1	290
442585		3.58	17.35	0.17	4.3	0.035	1.91	19.1	20.8	0.77	434	0.38	2.00	7.7	20.9	170
442586		2.87	15.55	0.17	3.8	0.032	2.01	14.8	18.8	0.71	474	0.33	2.19	6.6	15.3	140
442587		3.31	16.35	0.21	3.8	0.037	2.11	37.4	23.0	0.99	576	0.34	2.14	7.4	35.4	460
442588		2.70	15.50	0.22	4.1	0.028	1.96	26.5	15.0	0.76	367	0.63	2.35	7.8	20.1	380
442589		6.77	17.85	0.16	2.8	0.050	1.03	13.0	25.5	2.42	773	0.91	1.22	6.3	53.8	250
442590		0.35	0.26	0.11	0.2	<0.005	0.01	1.1	14.2	0.01	33	0.66	<0.01	1.0	2.9	<10
442591		3.69	15.15	0.21	4.4	0.032	2.07	37.3	14.5	0.84	624	0.51	2.25	7.7	28.9	220
442592		4.49	16.45	0.21	4.6	0.040	2.06	31.3	19.0	1.01	389	0.48	1.97	8.2	35.5	290
442593		4.83	14.45	0.17	3.4	0.040	1.78	19.6	21.8	1.54	1780	0.62	1.79	6.3	41.0	460
442594		3.93	16.20	0.22	4.2	0.038	2.07	28.0	20.4	1.05	480	0.36	2.06	7.4	27.4	170
442595		3.18	14.35	0.19	3.6	0.027	2.02	19.0	17.7	0.72	348	0.31	2.14	6.8	19.1	170
442596		3.37	13.80	0.18	3.7	0.029	1.82	17.4	16.1	0.70	360	0.31	1.90	6.2	15.8	230
442597		2.70	18.05	0.18	4.6	0.030	2.07	18.2	12.1	0.75	415	0.46	2.23	7.4	16.8	230
442598		3.31	19.20	0.18	4.1	0.027	1.83	18.8	9.7	0.62	282	0.61	2.00	7.2	15.6	250
442599		3.35	19.90	0.17	4.9	0.027	1.86	16.2	7.8	0.61	326	0.53	1.84	7.6	13.6	230
442600		3.53	18.55	0.07	4.5	0.031	1.79	17.1	14.3	0.74	318	0.53	1.87	7.8	17.3	240
442601		4.14	20.9	0.13	4.8	0.056	3.20	44.3	55.1	1.46	6900	0.70	1.16	7.0	33.3	460
442602		3.75	20.2	0.06	6.1	0.065	3.12	4.7	20.5	0.77	946	0.46	0.29	10.7	14.1	110
442603		12.35	14.20	0.15	3.1	0.057	1.27	29.8	54.7	1.33	2720	2.87	0.91	8.8	21.8	680
442604		6.26	15.35	0.10	3.5	0.040	1.48	37.3	49.7	2.16	11500	1.09	1.81	6.4	33.6	850
442605		10.45	14.85	0.09	4.0	0.045	0.91	9.0	56.3	1.21	2410	0.16	2.44	11.3	16.3	240
442606		10.55	13.95	0.13	3.5	0.041	1.30	32.7	66.2	2.21	11400	3.41	0.93	13.1	35.8	670
442607		3.13	15.30	0.10	5.0	0.029	2.09	22.5	17.1	0.63	410	0.59	2.48	6.9	20.5	410
442608		3.21	15.55	0.10	4.8	0.027	2.08	22.7	13.7	0.63	404	0.60	2.49	7.3	16.6	350
442609		8.51	11.80	0.10	2.9	0.031	1.62	22.0	15.4	0.79	1420	0.63	1.64	5.4	16.0	560
442610		12.30	14.75	0.17	3.3	0.087	2.29	35.8	31.1	1.39	984	8.12	0.10	9.7	7.4	650
442611		11.15	26.8	0.15	3.8	0.471	3.31	15.0	49.4	0.63	677	0.90	0.64	20.7	299	330
442612		3.38	17.95	0.07	4.5	0.028	1.91	16.8	9.8	0.62	313	0.70	2.13	7.1	17.8	220
442613		19.50	8.40	0.16	1.4	0.040	1.14	31.2	17.5	1.89	4400	0.95	0.09	5.2	34.2	580
442614		27.5	4.63	0.21	1.3	0.058	0.20	26.4	20.6	0.82	5450	0.69	0.02	5.3	14.7	620
442615		6.52	26.6	0.09	4.9	0.094	0.47	21.0	36.1	0.31	485	2.68	0.13	23.6	45.7	500
442616		3.44	15.50	0.07	3.6	0.031	2.01	18.5	17.5	0.68	342	0.39	2.31	6.1	17.2	150
442617		13.95	10.80	0.12	2.0	0.047	0.90	28.6	26.1	1.55	1270	0.78	0.37	6.8	32.1	440
442618		15.05	9.33	0.12	1.5	0.053	0.95	29.8	37.0	1.38	2000	0.55	0.05	6.5	36.0	420
442619		4.58	14.70	0.09	4.2	0.031	1.87	22.0	17.1	0.71	680	0.78	2.17	6.8	21.4	280
442620		3.52	16.50	0.08	4.2	0.028	1.92	20.8	14.7	0.73	391	0.59	2.32	6.6	15.2	400

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CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442581		14.6	81.5	<0.002	0.01	0.15	9.5	<1	1.1	283	0.58	<0.05	5.24	0.286	0.40	1.0
442582		50.2	58.9	<0.002	0.05	0.17	19.5	2	1.1	253	0.51	0.19	6.60	0.314	0.35	1.2
442583		13.0	85.2	<0.002	0.02	0.17	9.2	1	1.0	279	0.57	<0.05	5.68	0.281	0.44	1.1
442584		16.4	64.6	<0.002	0.02	0.18	12.4	1	1.3	255	0.65	<0.05	5.48	0.377	0.38	1.3
442585		15.6	75.6	<0.002	0.01	0.15	10.6	1	1.1	243	0.55	0.06	5.91	0.316	0.40	1.3
442586		12.8	76.8	<0.002	0.01	0.11	8.6	<1	1.0	263	0.49	<0.05	3.60	0.253	0.38	0.9
442587		14.7	85.8	<0.002	0.03	0.27	13.3	1	1.1	271	0.55	<0.05	7.34	0.275	0.44	1.5
442588		13.5	77.2	<0.002	0.02	0.27	8.8	1	1.0	295	0.57	<0.05	5.53	0.272	0.38	1.2
442589		14.4	39.2	<0.002	0.02	0.44	32.0	1	1.0	129.0	0.44	0.08	3.35	0.427	0.24	0.9
442590		<0.5	0.5	<0.002	<0.01	0.18	0.2	<1	0.5	0.9	0.06	<0.05	0.67	0.030	<0.02	0.1
442591		18.8	83.4	<0.002	0.01	0.26	11.8	1	1.0	289	0.56	<0.05	7.26	0.282	0.45	1.6
442592		18.3	86.2	<0.002	0.02	0.32	12.1	1	1.3	257	0.58	0.06	7.55	0.326	0.47	1.6
442593		13.7	64.0	<0.002	0.03	0.38	19.0	1	0.9	220	0.46	<0.05	4.81	0.272	0.37	1.2
442594		15.1	86.8	<0.002	0.01	0.25	12.5	1	1.1	248	0.52	<0.05	6.93	0.298	0.46	1.4
442595		13.6	77.8	<0.002	0.01	0.15	8.4	1	0.9	264	0.51	<0.05	4.64	0.251	0.40	0.9
442596		13.4	65.7	<0.002	0.02	0.16	8.2	1	0.8	233	0.44	<0.05	4.28	0.259	0.36	1.0
442597		16.9	81.4	<0.002	0.01	0.13	9.7	<1	1.1	280	0.54	<0.05	4.81	0.275	0.46	1.0
442598		15.4	68.4	<0.002	0.02	0.20	9.0	1	1.1	239	0.49	<0.05	4.56	0.294	0.39	1.0
442599		14.8	68.1	<0.002	0.01	0.24	8.5	1	1.1	224	0.52	<0.05	4.50	0.319	0.39	1.2
442600		12.9	67.4	<0.002	0.02	0.25	9.3	1	1.1	226	0.56	<0.05	5.11	0.323	0.40	1.1
442601		16.3	158.5	<0.002	0.03	0.25	11.7	1	1.4	136.0	0.47	<0.05	16.90	0.337	0.61	6.6
442602		6.9	149.0	<0.002	0.01	0.12	14.5	1	1.9	40.9	0.78	<0.05	5.09	0.544	0.63	1.0
442603		21.0	64.2	<0.002	0.05	0.20	8.1	2	1.7	112.5	0.70	0.31	10.70	0.236	0.58	3.4
442604		9.6	79.1	<0.002	0.03	0.14	8.6	1	0.9	97.7	0.46	<0.05	10.65	0.264	0.45	2.7
442605		8.0	105.0	<0.002	0.02	0.11	6.0	1	0.9	44.5	0.73	<0.05	6.70	0.299	0.44	0.7
442606		30.8	67.6	<0.002	0.15	0.39	8.5	3	0.9	70.7	0.82	1.26	11.10	0.316	0.29	4.1
442607		13.9	80.0	<0.002	0.01	0.18	8.6	1	0.9	314	0.53	<0.05	6.35	0.238	0.42	1.3
442608		14.9	79.1	<0.002	0.01	0.15	8.5	1	0.9	325	0.54	<0.05	5.10	0.252	0.40	1.2
442609		14.9	83.9	<0.002	0.02	0.27	6.6	1	1.0	217	0.41	<0.05	4.37	0.181	0.39	1.0
442610		42.3	106.0	<0.002	0.84	0.98	10.0	7	1.7	14.0	0.84	1.25	14.90	0.235	0.91	4.8
442611		19.9	125.0	<0.002	0.03	0.24	40.9	1	6.4	198.5	1.29	0.20	6.53	1.110	0.62	1.4
442612		12.8	70.9	<0.002	0.02	0.22	8.1	1	1.1	266	0.53	<0.05	4.04	0.298	0.39	1.0
442613		36.2	111.0	<0.002	0.06	1.58	7.9	1	1.6	17.8	0.37	0.27	7.23	0.161	0.70	1.4
442614		17.1	27.0	<0.002	0.04	0.20	8.6	3	1.8	3.7	0.43	0.18	5.88	0.169	0.45	1.2
442615		23.4	63.4	<0.002	0.05	0.63	13.8	3	3.8	50.7	1.74	0.07	15.50	1.015	0.34	2.8
442616		14.0	76.4	<0.002	0.01	0.14	7.6	1	0.9	293	0.46	<0.05	5.48	0.230	0.41	0.9
442617		22.8	74.9	<0.002	0.05	0.21	7.5	1	1.3	57.6	0.58	0.14	8.25	0.191	0.45	2.2
442618		45.8	123.5	<0.002	0.04	0.26	6.6	2	1.5	17.2	0.53	0.37	8.87	0.172	0.90	1.6
442619		20.1	74.3	<0.002	0.02	0.22	9.1	1	1.0	275	0.53	0.05	5.81	0.256	0.43	1.2
442620		14.7	69.8	<0.002	0.01	0.14	7.5	1	1.0	326	0.49	<0.05	4.65	0.320	0.38	1.1

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
22- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442581		65	0.6	8.1	37	162.5
442582		100	0.7	18.4	52	184.0
442583		60	0.5	9.7	40	168.5
442584		88	0.6	10.0	45	222
442585		71	0.7	8.3	38	169.0
442586		58	0.5	6.9	34	141.5
442587		65	0.6	14.3	49	141.0
442588		57	0.4	11.2	40	153.0
442589		203	0.8	13.4	61	106.0
442590		3	0.2	0.7	3	8.0
442591		65	0.5	16.0	47	168.0
442592		75	0.6	12.9	50	173.0
442593		90	1.8	11.9	49	126.0
442594		74	0.6	11.8	45	158.5
442595		57	0.5	7.7	35	138.5
442596		60	0.5	6.6	29	142.5
442597		60	0.5	8.9	36	153.0
442598		87	0.6	7.9	26	136.0
442599		88	0.6	7.2	26	172.5
442600		83	0.6	7.7	31	175.5
442601		48	1.8	12.5	99	184.5
442602		70	2.9	7.0	42	228
442603		73	0.7	8.9	114	118.0
442604		60	0.8	13.0	84	135.5
442605		57	0.2	5.1	64	155.5
442606		59	0.9	13.4	96	141.0
442607		51	0.4	10.9	44	185.5
442608		56	0.4	11.7	34	182.0
442609		43	0.4	13.4	54	114.0
442610		73	1.9	10.8	91	127.0
442611		291	1.1	9.6	55	143.0
442612		76	0.5	7.6	28	173.0
442613		54	0.5	14.0	77	55.0
442614		67	0.3	29.1	172	47.0
442615		153	2.3	12.9	44	188.0
442616		51	0.4	7.7	30	138.5
442617		52	0.2	8.9	273	76.5
442618		44	0.2	10.5	113	58.9
442619		63	0.4	10.5	41	161.0
442620		70	0.4	8.4	38	160.0

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Finalisée date:
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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442621		0.17	0.005	0.06	5.94	79.0	460	0.91	0.12	1.51	0.15	34.3	15.2	138	1.60	32.3
442622		0.18	0.002	0.19	6.58	18.6	630	1.50	0.11	1.86	0.29	85.1	15.7	62	1.82	230
442623		0.26	<0.001	0.04	6.78	12.5	640	1.53	0.09	1.43	0.11	41.5	8.9	47	1.38	8.0
442624		0.26	<0.001	0.03	7.28	3.8	710	1.45	0.10	1.55	0.08	52.1	10.8	52	2.09	11.9
442625		0.21	<0.001	0.05	7.06	72.3	70	0.39	0.03	1.03	0.14	15.10	78.4	103	0.56	107.0
442626		0.23	<0.001	0.04	6.45	246	570	0.98	0.11	1.86	0.10	41.2	29.0	106	3.94	56.9
442627		0.24	<0.001	0.05	5.67	98.3	510	0.68	0.11	1.53	0.06	38.4	14.4	199	1.33	36.9
442628		0.16	0.029	0.04	6.46	13.0	150	0.91	0.13	0.45	0.17	13.55	23.1	177	2.30	19.0
442629		0.27	<0.001	0.02	6.96	10.1	570	1.25	0.10	1.17	0.05	40.6	6.2	54	1.13	12.4
442630		0.06	<0.001	0.01	0.10	0.5	<10	0.06	0.01	0.01	<0.02	2.31	0.4	6	0.10	4.7
442631		0.18	0.001	<0.01	6.14	24.0	90	1.10	0.03	0.21	0.03	29.7	9.8	39	0.74	8.9
442632		0.22	<0.001	0.01	6.05	5.0	150	0.67	0.06	0.32	0.05	12.65	24.1	19	0.84	12.2
442633		0.29	<0.001	0.04	6.55	2.8	680	1.33	0.08	1.59	0.06	54.5	8.1	45	1.38	7.4
442634		0.16	<0.001	0.02	4.99	0.8	150	1.23	0.06	0.33	0.11	37.0	11.3	32	10.30	2.7
442635		0.20	0.001	0.05	5.60	2.4	620	1.62	0.08	1.31	0.07	54.8	7.9	37	6.43	12.3
442636		0.19	<0.001	0.10	8.02	0.3	680	1.81	0.14	0.45	0.35	144.5	12.7	74	1.55	31.5
442637		0.14	<0.001	0.04	5.37	2.4	440	1.77	0.09	0.71	0.38	67.6	12.0	37	6.08	21.8
442638		0.18	<0.001	0.02	4.64	0.6	470	1.68	0.01	0.40	0.08	47.0	10.7	31	11.35	6.2
442639		0.19	<0.001	0.14	2.55	4.4	200	1.90	0.09	0.58	0.41	40.1	14.5	20	7.95	43.7
442640		0.19	<0.001	0.05	6.90	78.3	220	1.53	0.03	1.06	1.27	68.2	19.4	24	4.65	53.0
442641		0.25	<0.001	0.10	6.27	23.1	510	1.39	0.06	1.61	0.47	51.3	12.7	37	3.21	111.5
442642		0.25	<0.001	0.02	6.73	2.3	700	1.33	0.08	1.47	0.06	38.8	7.6	47	1.30	8.4
442643		0.29	<0.001	0.04	6.87	14.0	700	1.44	0.15	1.81	0.05	66.5	11.2	53	1.41	20.9
442644		0.28	0.005	0.06	6.29	40.2	640	1.27	0.09	1.39	0.09	69.7	8.9	51	1.68	35.3
442645		0.22	<0.001	0.03	6.71	2.9	640	1.46	0.08	1.54	0.07	57.4	8.3	49	1.19	14.9
442646		0.23	<0.001	0.06	6.42	3.5	650	1.35	0.08	1.62	0.11	60.6	10.0	73	1.40	20.1
442647		0.22	<0.001	0.03	6.55	5.6	590	1.50	0.09	1.19	0.08	48.1	9.3	56	1.42	13.3
442648		0.24	0.001	0.12	5.22	22.3	500	0.93	0.07	3.24	0.21	39.3	19.3	361	1.57	60.1
442649		0.21	0.001	0.08	6.41	5.4	620	1.32	0.08	1.56	0.09	51.9	12.4	109	1.61	28.3
442650		0.17	0.001	0.06	6.32	132.5	520	1.15	0.13	2.85	0.12	24.0	23.4	513	2.11	31.3
442651		0.34	<0.001	0.04	6.74	99.0	680	1.21	0.09	1.55	0.04	38.9	10.0	61	2.35	23.1
442652		0.36	<0.001	0.03	7.11	34.7	670	1.36	0.12	1.33	0.05	43.1	11.7	68	1.76	34.7
442653		0.23	<0.001	0.02	6.70	24.9	680	1.42	0.12	1.48	0.05	49.7	10.8	53	1.38	12.8
442654		0.27	<0.001	0.02	6.14	6.0	630	1.05	0.09	1.22	0.04	37.2	6.6	55	1.02	11.6
442655		0.06	0.022	0.13	7.85	12.4	180	0.79	0.27	0.18	0.02	36.1	29.3	531	3.40	360
442656		0.37	<0.001	0.02	7.11	5.6	730	1.37	0.08	1.36	0.06	46.5	8.7	56	1.66	15.3
442657		0.39	<0.001	0.15	6.82	9.7	640	1.45	0.12	1.25	0.11	64.2	11.6	63	1.44	28.4
442658		0.22	<0.001	0.03	6.72	8.0	640	1.17	0.10	1.33	0.05	39.2	7.9	62	1.24	10.6
442659		0.29	<0.001	0.01	6.39	42.2	670	1.05	0.12	1.28	0.04	34.8	6.1	53	1.59	7.1
442660		0.28	<0.001	0.04	6.53	56.2	680	1.31	0.08	1.77	0.13	66.1	11.3	53	1.73	26.9

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Finalisée date:
22- AOUT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442621		5.06	16.05	0.08	3.8	0.034	1.36	17.7	16.0	1.18	610	1.11	1.81	6.6	33.8	290
442622		4.16	14.50	0.13	4.6	0.041	1.79	44.8	14.9	0.73	1660	0.95	2.06	6.9	50.0	530
442623		3.62	14.95	0.08	4.8	0.030	1.94	20.1	14.6	0.62	368	0.57	2.25	6.9	16.7	290
442624		3.36	16.70	0.09	3.8	0.029	2.17	21.8	19.4	0.86	473	0.38	2.36	7.1	25.2	360
442625		9.90	17.15	0.08	1.0	0.066	0.19	6.3	48.6	5.43	1820	0.49	0.93	2.6	94.6	230
442626		5.91	19.20	0.08	5.2	0.044	1.77	20.8	20.5	1.35	705	1.23	1.71	9.2	33.8	290
442627		5.25	19.50	0.07	6.2	0.037	1.52	19.7	9.1	1.18	414	2.06	1.31	7.9	33.8	300
442628		6.13	16.70	0.05	1.9	0.039	0.44	6.4	23.4	2.81	552	0.31	2.10	4.3	62.4	260
442629		3.38	14.90	0.09	3.1	0.036	1.82	20.8	13.8	0.57	285	0.52	2.16	6.2	13.9	250
442630		0.35	0.25	<0.05	0.3	<0.005	0.01	1.1	12.7	<0.01	32	0.68	0.01	0.9	2.9	10
442631		6.33	11.40	0.07	3.0	0.038	0.30	15.7	54.3	1.39	470	0.25	2.42	6.4	14.9	190
442632		11.70	28.6	0.06	2.5	0.052	0.44	5.7	22.3	1.94	877	0.77	1.61	6.3	21.9	280
442633		3.02	14.15	0.09	4.1	0.026	2.13	23.7	16.3	0.71	530	0.46	2.43	6.1	15.9	410
442634		9.29	12.25	0.06	3.3	0.031	0.47	7.6	79.8	1.12	2710	0.19	1.96	5.8	11.4	260
442635		4.00	12.15	0.10	3.3	0.025	1.69	27.2	26.7	1.13	1570	0.25	2.02	5.6	14.4	720
442636		2.64	20.5	0.17	5.2	0.056	3.35	79.7	60.2	0.57	632	1.15	0.34	10.1	20.5	460
442637		9.01	12.95	0.12	3.5	0.035	1.08	44.2	48.4	1.41	4300	1.36	1.05	6.3	19.7	450
442638		9.69	11.45	0.10	2.9	0.029	1.76	26.6	73.7	2.65	3090	0.31	0.37	5.4	15.0	210
442639		16.35	6.15	0.11	1.3	0.021	0.42	24.5	30.6	1.46	3720	0.58	0.52	3.1	15.7	560
442640		7.98	15.75	0.09	3.4	0.068	0.55	26.5	40.1	1.47	1680	0.95	3.05	10.8	24.9	1040
442641		6.07	13.75	0.10	3.3	0.043	1.43	33.3	22.4	0.98	1050	1.05	2.20	6.8	21.8	810
442642		2.89	14.45	0.08	3.8	0.023	2.16	18.0	16.0	0.66	381	0.47	2.49	6.2	15.6	190
442643		3.50	15.10	0.10	4.7	0.031	2.11	25.0	17.9	0.74	607	0.58	2.53	7.1	21.2	340
442644		4.02	13.55	0.10	4.8	0.027	2.02	36.7	16.6	0.75	591	0.59	2.07	6.3	22.5	750
442645		3.30	13.30	0.09	5.2	0.025	2.05	26.5	14.1	0.66	477	0.42	2.37	6.3	17.7	740
442646		3.52	13.55	0.10	4.3	0.026	2.11	30.7	15.5	0.90	638	0.46	2.19	6.3	25.2	770
442647		4.16	13.25	0.08	4.4	0.030	1.88	22.4	19.8	0.71	538	0.48	2.06	6.2	17.0	360
442648		3.80	10.55	0.08	3.2	0.027	1.33	23.3	15.3	1.84	968	0.47	1.45	4.5	52.9	770
442649		3.67	13.75	0.09	3.9	0.027	1.86	25.7	17.2	1.05	617	0.48	2.01	6.0	26.7	620
442650		6.90	15.85	0.06	2.5	0.039	1.45	11.5	21.8	2.76	867	0.73	1.20	6.1	80.2	450
442651		3.57	15.30	0.07	3.6	0.027	2.17	19.8	20.9	0.77	382	0.32	2.11	6.2	22.9	380
442652		3.99	16.30	0.08	3.5	0.035	2.16	20.7	22.5	0.89	417	0.47	2.17	7.2	28.1	210
442653		3.54	15.65	0.08	4.9	0.031	2.11	22.6	16.3	0.74	470	0.42	2.32	7.4	20.2	270
442654		3.11	16.75	0.08	4.9	0.028	1.96	18.8	9.9	0.67	319	0.54	2.03	7.2	15.5	240
442655		13.90	19.95	0.08	3.7	0.087	0.39	17.0	20.8	0.21	462	2.13	0.09	14.4	221	400
442656		3.22	16.10	0.07	4.4	0.029	2.30	23.2	18.9	0.80	334	0.43	2.31	7.0	19.9	310
442657		4.46	16.05	0.09	4.5	0.032	1.94	28.3	16.2	0.72	538	0.63	2.12	8.1	24.9	280
442658		3.72	16.35	0.08	5.1	0.030	2.06	18.5	18.4	0.73	366	0.58	2.27	8.3	17.2	220
442659		3.39	19.10	0.07	5.0	0.027	2.08	17.2	11.3	0.59	303	0.60	2.16	9.0	12.6	140
442660		3.21	15.30	0.10	4.4	0.032	2.10	27.5	16.6	0.75	693	0.46	2.36	7.5	24.9	570

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QUEBEC QC G1K 7R1

Finalisée date:
22- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442621		21.0	51.8	<0.002	0.02	0.27	12.7	1	1.0	210	0.50	0.09	5.02	0.318	0.35	1.0
442622		17.6	69.4	<0.002	0.03	0.30	14.3	1	1.0	272	0.53	0.05	10.50	0.248	0.46	2.2
442623		14.1	73.3	<0.002	0.01	0.16	7.8	1	0.9	288	0.51	0.05	5.14	0.257	0.37	1.1
442624		14.3	91.9	<0.002	0.01	0.17	8.9	<1	1.0	297	0.56	<0.05	7.48	0.269	0.48	1.1
442625		4.5	8.2	<0.002	0.02	0.19	49.2	1	0.5	39.3	0.18	0.07	1.58	0.366	0.08	0.4
442626		17.8	82.1	<0.002	0.01	0.38	14.6	1	1.3	223	0.63	0.09	5.56	0.439	0.40	1.2
442627		13.8	57.8	<0.002	0.02	0.73	17.7	1	1.4	185.5	0.58	0.09	5.67	0.418	0.43	1.3
442628		26.4	25.6	<0.002	0.02	0.15	28.3	1	0.8	71.3	0.30	0.07	1.74	0.459	0.15	0.5
442629		14.8	69.6	<0.002	0.02	0.18	7.6	1	0.8	269	0.47	<0.05	5.46	0.226	0.37	1.0
442630		0.6	0.5	<0.002	<0.01	0.18	0.2	<1	0.5	0.9	0.07	<0.05	0.69	0.032	<0.02	0.2
442631		7.2	12.5	<0.002	0.01	0.22	6.1	<1	1.0	59.9	0.54	<0.05	5.61	0.225	0.13	0.7
442632		12.5	16.9	<0.002	0.02	0.31	24.3	1	1.9	74.8	0.40	0.08	2.39	0.787	0.11	0.6
442633		14.4	77.5	<0.002	0.01	0.19	7.5	1	0.9	310	0.45	<0.05	5.23	0.255	0.36	1.3
442634		11.6	62.5	<0.002	0.02	0.16	3.5	<1	0.9	50.1	0.40	<0.05	7.33	0.195	0.41	1.0
442635		15.2	67.0	<0.002	0.01	0.21	6.9	1	0.8	244	0.43	0.05	5.58	0.215	0.35	1.3
442636		14.3	121.5	<0.002	0.04	0.15	13.2	1	1.9	60.5	0.77	<0.05	22.5	0.383	0.42	3.2
442637		34.2	101.0	<0.002	0.02	0.23	6.8	1	0.9	70.7	0.48	<0.05	11.15	0.214	0.54	2.7
442638		6.6	168.5	<0.002	0.01	0.18	5.5	1	0.9	21.2	0.40	<0.05	9.34	0.173	0.65	1.2
442639		48.8	55.8	<0.002	0.02	0.26	3.0	1	0.8	20.2	0.22	0.05	4.23	0.097	0.49	0.8
442640		9.6	65.0	<0.002	0.01	0.41	20.6	1	1.2	67.4	0.58	0.07	11.15	0.426	0.52	1.5
442641		11.9	73.1	<0.002	0.03	0.39	14.7	2	1.0	211	0.48	<0.05	6.60	0.361	0.47	2.7
442642		13.5	76.9	<0.002	0.01	0.17	7.4	<1	0.9	317	0.49	<0.05	4.14	0.253	0.39	1.0
442643		16.3	76.3	<0.002	0.01	0.25	8.7	1	0.9	330	0.55	<0.05	6.67	0.283	0.41	1.4
442644		15.3	80.2	<0.002	0.01	0.53	8.0	1	0.9	253	0.49	<0.05	12.45	0.252	0.42	1.9
442645		14.7	70.2	<0.002	0.01	0.19	7.6	1	0.8	298	0.48	<0.05	5.98	0.254	0.36	1.2
442646		13.3	78.8	<0.002	0.01	0.21	8.9	1	0.8	270	0.47	<0.05	6.55	0.258	0.40	1.3
442647		15.1	67.4	<0.002	0.01	0.19	7.5	1	0.8	243	0.48	<0.05	5.92	0.246	0.37	1.1
442648		10.5	57.7	<0.002	0.05	0.34	16.5	1	0.7	180.0	0.34	<0.05	4.51	0.237	0.32	1.3
442649		13.1	70.8	<0.002	0.01	0.22	8.6	1	0.8	245	0.46	<0.05	6.66	0.275	0.36	1.3
442650		13.9	67.1	<0.002	0.02	0.42	21.0	1	1.0	148.5	0.42	0.15	3.55	0.409	0.35	1.0
442651		17.0	79.5	<0.002	0.02	0.32	8.4	1	0.9	261	0.48	<0.05	4.72	0.278	0.38	1.1
442652		15.8	79.6	<0.002	0.01	0.33	9.1	<1	1.0	269	0.54	<0.05	5.23	0.303	0.46	1.1
442653		19.5	75.9	<0.002	0.01	0.26	8.7	<1	1.0	293	0.53	<0.05	4.76	0.296	0.41	1.1
442654		12.9	67.3	<0.002	0.01	0.24	8.2	<1	1.1	248	0.52	<0.05	4.37	0.324	0.41	1.1
442655		20.0	39.7	<0.002	0.05	0.79	48.9	4	2.3	31.9	0.99	0.09	14.35	0.731	0.23	2.4
442656		15.1	83.3	<0.002	0.01	0.21	8.8	1	1.0	288	0.50	<0.05	5.18	0.295	0.43	1.2
442657		18.7	65.8	<0.002	0.02	0.27	9.1	1	1.0	264	0.54	<0.05	7.35	0.311	0.39	1.6
442658		16.1	71.9	<0.002	0.02	0.23	8.2	1	1.1	286	0.54	<0.05	4.44	0.295	0.41	1.1
442659		17.5	77.5	<0.002	0.01	0.23	7.4	1	1.2	274	0.64	<0.05	3.78	0.359	0.40	1.3
442660		16.4	82.3	<0.002	0.02	0.33	10.6	1	0.9	308	0.57	<0.05	6.54	0.255	0.41	1.6

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CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442621		99	0.6	8.5	42	145.5
442622		61	0.5	24.2	42	168.0
442623		57	0.4	9.4	35	177.5
442624		58	0.5	9.9	53	139.0
442625		278	0.3	14.0	161	36.2
442626		137	0.7	11.8	79	198.5
442627		178	1.0	9.3	41	232
442628		218	1.2	6.0	68	77.1
442629		56	0.4	7.9	39	116.5
442630		3	0.2	0.7	3	8.5
442631		29	0.3	3.9	52	117.0
442632		539	0.6	5.1	81	105.0
442633		59	0.4	10.8	38	159.5
442634		39	0.1	4.0	59	133.5
442635		44	0.4	12.8	38	127.0
442636		70	1.6	11.8	352	202
442637		35	0.3	14.5	120	136.5
442638		33	0.2	12.1	53	117.5
442639		26	0.1	9.8	177	54.1
442640		60	0.5	19.6	854	145.5
442641		70	0.4	18.7	316	129.0
442642		53	0.4	8.7	35	150.5
442643		63	16.8	12.2	40	182.5
442644		56	0.6	14.6	44	183.0
442645		52	0.9	12.5	36	202
442646		58	0.7	13.2	46	167.5
442647		50	0.5	9.5	36	176.0
442648		75	0.4	11.1	47	122.0
442649		60	0.4	11.2	49	155.5
442650		159	0.9	9.8	65	98.4
442651		67	0.5	8.7	48	139.0
442652		70	0.5	8.8	45	140.5
442653		67	0.5	10.0	38	191.5
442654		80	0.6	7.6	29	194.0
442655		218	1.5	10.5	40	143.0
442656		67	0.5	9.9	42	174.0
442657		78	1.2	12.1	36	177.5
442658		72	0.5	8.8	40	202
442659		88	0.5	7.4	27	193.0
442660		61	0.4	13.5	54	170.0

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Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442661		0.37	<0.001	0.03	6.65	3.2	640	1.29	0.07	1.37	0.09	53.9	7.0	39	1.16	13.2
442662		0.25	<0.001	0.04	6.72	5.3	700	1.30	0.07	1.65	0.06	55.5	8.5	48	1.27	17.8
442663		0.28	<0.001	0.02	6.67	16.0	630	1.34	0.06	1.43	0.06	37.6	10.0	52	1.03	8.6
442664		0.25	<0.001	0.05	6.28	7.3	550	1.43	0.10	1.57	0.10	76.4	19.8	121	1.82	23.9
442665		0.36	<0.001	0.01	6.56	5.7	600	1.27	0.09	1.30	0.05	30.5	6.3	45	1.16	6.4
442666		0.34	<0.001	0.02	6.88	10.1	660	1.69	0.09	0.49	0.07	29.4	6.9	40	3.44	3.6
442667		0.26	0.001	0.05	6.16	4.1	580	1.47	0.14	1.37	0.11	41.3	9.1	39	1.85	19.4
442668		0.27	<0.001	0.04	6.44	2.3	800	1.69	0.07	0.54	0.10	65.9	13.2	46	5.11	18.3
442669		0.28	<0.001	0.01	5.58	1.4	400	1.40	0.09	0.34	0.04	10.85	11.8	43	1.96	6.6
442670		0.06	<0.001	0.01	0.10	0.3	10	0.08	0.03	0.01	<0.02	2.57	0.5	6	0.11	5.5
442671		0.30	<0.001	0.09	6.64	50.3	520	1.41	0.18	1.26	0.64	67.8	25.9	128	2.42	68.5
442672		0.39	<0.001	0.03	6.77	8.8	570	1.34	0.16	1.31	0.11	66.0	13.7	60	1.78	30.7
442673		0.20	<0.001	0.15	6.37	59.8	180	0.63	0.15	3.89	0.19	22.4	41.2	83	1.26	203
442674		0.27	<0.001	0.04	6.16	4.8	590	1.19	0.13	1.35	0.04	40.4	9.3	49	1.24	18.3
442675		0.29	<0.001	0.05	6.38	4.2	520	1.09	0.09	1.18	0.07	30.9	12.0	50	1.82	32.7
442676		0.34	<0.001	0.06	6.56	4.8	610	1.34	0.14	1.22	0.14	43.6	7.8	50	1.44	14.5
442677		0.31	<0.001	0.03	6.48	11.9	660	1.20	0.20	1.22	0.04	39.4	5.5	49	1.59	8.1
442678		0.34	<0.001	0.02	7.12	176.0	260	0.39	0.04	1.08	0.49	12.30	66.7	387	0.52	70.5
442679		0.49	<0.001	0.04	6.34	16.7	590	1.27	0.12	1.19	0.06	52.4	14.0	55	1.67	21.9
442680		0.34	<0.001	0.04	6.49	27.3	590	1.15	0.11	1.30	0.06	55.2	16.4	64	1.56	33.0

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CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442661		2.87	14.30	0.07	3.1	0.024	1.99	23.1	12.3	0.55	405	0.44	2.46	5.3	14.7	370
442662		3.02	14.45	0.10	3.7	0.024	2.16	28.0	13.5	0.72	449	0.33	2.48	6.3	20.4	730
442663		3.10	14.10	0.07	3.1	0.024	1.91	18.2	14.5	0.64	375	0.39	2.33	5.3	16.0	510
442664		4.29	14.00	0.10	3.6	0.030	1.85	30.5	16.2	1.16	705	0.46	1.97	5.8	57.1	710
442665		2.82	16.35	0.07	3.6	0.023	1.92	15.0	14.3	0.66	337	0.43	2.34	6.4	13.4	170
442666		3.36	17.35	0.06	5.0	0.034	2.17	15.2	26.8	0.65	664	0.67	1.89	3.6	8.7	340
442667		3.89	13.50	0.11	4.3	0.039	1.80	18.2	21.0	0.74	741	0.95	2.20	6.1	19.3	380
442668		6.01	16.80	0.13	4.1	0.059	1.57	25.7	65.0	2.87	3690	0.56	0.91	7.5	22.2	250
442669		5.80	18.05	0.08	3.4	0.047	0.76	3.4	35.1	2.01	2080	0.64	1.59	8.3	20.0	150
442670		0.36	0.30	0.06	0.3	0.008	0.01	1.3	17.4	0.01	36	0.75	0.01	1.1	3.6	10
442671		6.10	17.20	0.13	3.9	0.056	1.50	31.3	30.9	1.36	757	1.15	1.69	7.3	34.1	360
442672		4.64	16.95	0.15	4.6	0.047	1.78	30.7	24.0	0.77	561	0.70	1.95	8.4	23.9	240
442673		9.53	18.00	0.11	1.6	0.076	0.46	10.1	27.2	2.52	1520	3.10	0.94	3.8	42.0	370
442674		3.95	14.15	0.12	5.2	0.037	1.85	19.9	13.9	0.64	529	0.87	2.22	6.9	15.6	240
442675		4.10	13.75	0.10	2.9	0.045	1.67	15.4	19.4	0.86	400	0.48	1.80	5.9	21.2	400
442676		3.64	16.70	0.12	5.3	0.047	1.89	21.8	18.3	0.63	424	0.97	2.07	8.0	15.9	310
442677		2.98	17.75	0.12	5.0	0.034	2.08	19.9	12.5	0.60	286	0.78	2.18	8.9	13.7	150
442678		7.55	16.45	0.11	0.9	0.050	0.46	6.9	44.2	5.38	2190	0.18	0.53	2.0	130.0	210
442679		3.94	15.25	0.13	4.1	0.039	1.86	26.2	21.8	0.89	681	0.64	1.98	7.9	20.8	300
442680		4.21	14.60	0.13	4.2	0.036	1.83	27.3	19.0	1.20	678	0.40	2.02	7.7	31.4	230

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Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442661		14.9	70.5	<0.002	0.01	0.21	6.7	1	0.7	305	0.53	<0.05	8.19	0.223	0.38	1.1
442662		14.7	77.1	<0.002	0.01	0.22	8.4	1	0.8	314	0.48	<0.05	5.62	0.261	0.37	1.2
442663		12.0	68.5	<0.002	0.01	0.21	7.1	1	0.7	293	0.42	<0.05	3.68	0.212	0.34	0.9
442664		17.1	71.0	<0.002	0.01	0.28	9.0	1	0.9	250	0.43	0.05	6.07	0.271	0.35	1.3
442665		14.2	71.5	<0.002	0.01	0.19	7.6	1	0.9	284	0.50	<0.05	3.77	0.260	0.39	1.0
442666		16.6	113.0	<0.002	0.02	0.27	7.3	<1	1.1	82.9	0.23	0.05	9.98	0.210	0.49	4.3
442667		16.6	72.3	0.004	0.01	0.19	6.9	1	0.9	273	0.43	0.06	4.91	0.224	0.41	1.3
442668		14.2	86.8	0.002	0.02	0.23	7.8	1	1.1	24.5	0.54	<0.05	12.15	0.282	0.41	1.4
442669		11.9	32.4	0.003	0.01	0.18	6.5	1	1.6	42.3	0.57	0.07	6.15	0.336	0.16	0.9
442670		0.7	0.5	<0.002	<0.01	0.19	0.2	<1	0.6	0.8	0.07	<0.05	0.76	0.031	0.02	0.2
442671		20.3	62.9	<0.002	0.03	0.31	16.9	1	1.2	200	0.52	0.09	8.07	0.361	0.38	1.5
442672		16.3	72.1	<0.002	0.02	0.28	10.8	1	1.1	232	0.60	<0.05	7.93	0.355	0.43	1.6
442673		12.9	19.7	<0.002	0.02	0.60	36.4	1	0.8	148.0	0.25	0.26	1.94	0.467	0.14	0.5
442674		14.0	69.7	0.003	0.01	0.21	7.8	1	1.0	272	0.49	0.06	6.79	0.278	0.43	1.2
442675		12.0	68.3	0.002	0.02	0.18	9.4	1	0.8	213	0.42	<0.05	3.89	0.255	0.34	0.9
442676		15.3	70.7	<0.002	0.02	0.26	8.5	1	1.2	255	0.57	<0.05	5.82	0.322	0.43	1.4
442677		14.4	77.3	0.002	0.01	0.21	8.3	<1	1.4	267	0.62	<0.05	5.07	0.350	0.44	1.3
442678		3.6	11.8	<0.002	0.01	0.16	50.9	1	0.5	43.6	0.13	<0.05	1.06	0.341	0.14	0.4
442679		14.4	70.6	0.002	0.01	0.27	9.5	1	1.0	219	0.54	0.05	7.84	0.321	0.41	1.4
442680		12.6	72.8	<0.002	0.01	0.24	15.0	1	0.9	228	0.55	<0.05	6.22	0.342	0.36	1.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
22- AOUT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17146654

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442661		52	0.4	10.5	33	119.0
442662		57	0.4	12.4	42	143.5
442663		54	0.3	9.0	31	124.0
442664		67	0.4	13.2	51	144.5
442665		66	0.4	8.1	28	135.5
442666		45	0.9	7.1	41	195.0
442667		48	0.4	8.1	49	164.0
442668		70	1.1	9.9	81	157.5
442669		71	0.6	8.0	73	133.5
442670		3	0.2	0.7	3	9.0
442671		127	0.6	12.3	167	146.0
442672		92	0.6	12.2	34	171.5
442673		293	0.6	17.2	69	60.9
442674		71	0.5	8.4	32	198.5
442675		80	0.4	7.6	33	107.5
442676		77	0.7	8.8	32	201
442677		82	0.6	7.9	26	185.5
442678		277	0.4	14.8	118	33.5
442679		74	0.6	10.6	47	156.5
442680		93	0.5	12.6	41	159.5

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CERTIFICAT D'ANALYSE VO17146654

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.
Applique à la Méthode: TOUTES MÉTHODES

L'analyse des terres rares peut être partiellement soluble avec cette méthode.
Applique à la Méthode: ME- MS61

ADRESSE DE LABORATOIRE

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
Applique à la Méthode: LOG- 22 LOG- 23 SCR- 41 WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applique à la Méthode: Au- ICP21 ME- MS61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167248

Projet: KAN

Bon de commande #: SOILKAN- 008

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

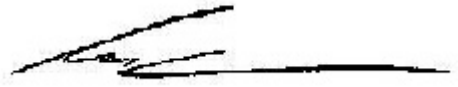
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 7- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167248

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442681		0.28	0.002	0.06	6.72	169.5	600	1.04	0.10	2.02	0.08	40.7	17.1	109	2.86	53.3
442682		0.19	0.002	0.10	5.16	254	480	0.93	0.12	2.60	0.26	42.1	25.4	182	2.69	79.5
442683		0.41	0.001	0.01	5.27	13.4	490	1.01	0.18	1.07	0.06	32.9	5.6	52	1.53	13.1
442684		0.18	0.002	0.11	5.37	119.0	620	1.00	0.10	1.57	0.13	73.6	17.8	61	1.61	30.2
442685		0.39	0.001	0.02	6.20	16.7	600	1.14	0.12	1.51	0.05	42.1	11.0	152	1.46	16.4
442686		0.27	0.001	0.08	5.82	4.8	560	1.33	0.13	0.97	0.14	40.5	6.9	46	1.72	11.3
442687		0.36	<0.001	0.03	5.89	17.1	490	1.28	0.22	1.53	0.03	25.6	9.4	123	1.65	15.4
442688		0.21	<0.001	0.01	5.80	6.7	540	1.11	0.27	1.64	0.10	25.8	8.9	141	2.31	22.3
442689		0.28	0.002	0.07	6.32	4.8	610	1.19	0.12	1.47	0.08	44.4	8.3	48	1.71	7.6
442690		0.35	<0.001	0.07	6.36	2.0	620	1.37	0.11	1.38	0.05	50.9	8.1	43	1.20	12.6
442691		0.29	<0.001	0.08	6.47	5.6	620	1.24	0.12	1.33	0.05	46.7	9.8	84	1.98	22.7
442692		0.17	<0.001	0.03	6.18	3.9	620	1.29	0.10	1.29	0.07	49.3	6.9	45	1.44	14.8
442693		0.24	<0.001	0.04	6.27	3.3	620	1.24	0.10	1.25	0.05	38.5	6.2	43	1.46	11.9
442694		0.20	<0.001	0.10	6.51	4.2	630	1.36	0.13	1.16	0.06	40.2	7.1	50	2.21	15.2
442695		0.10	<0.001	0.04	9.31	10.7	150	0.96	0.33	0.30	0.04	53.5	7.4	112	6.51	31.0
442696		0.30	<0.001	0.11	6.54	3.6	640	1.24	0.13	1.14	0.06	37.5	6.3	47	2.07	8.4
442697		0.25	<0.001	0.12	6.82	4.2	660	1.32	0.16	1.17	0.08	42.5	8.5	56	2.34	17.0
442698		0.30	<0.001	0.05	6.55	2.9	610	1.36	0.12	1.20	0.07	37.5	9.5	47	2.04	15.3
442699		0.23	<0.001	0.05	6.69	5.3	670	1.25	0.10	1.39	0.07	43.0	6.2	51	1.29	8.0
442700		0.29	<0.001	0.04	6.40	5.6	630	1.25	0.10	1.42	0.05	43.0	8.0	51	1.41	21.4
442701		0.19	<0.001	0.08	7.05	3.6	650	1.25	0.12	1.44	0.07	57.4	7.0	57	1.39	10.0
442702		0.24	<0.001	0.03	7.16	7.2	660	1.46	0.15	1.26	0.09	47.9	13.0	56	2.18	32.0
442703		0.19	<0.001	0.21	6.91	8.3	640	1.38	0.12	1.22	0.07	44.8	6.9	57	2.07	9.5
442704		0.29	<0.001	0.11	6.97	3.7	640	1.39	0.13	1.20	0.05	40.3	7.2	48	1.77	16.4
442705		0.29	<0.001	0.11	6.81	4.2	660	1.27	0.13	1.25	0.04	35.4	5.8	56	1.84	11.8
442706		0.27	<0.001	0.04	6.85	3.6	710	1.28	0.10	1.44	0.06	56.9	8.5	42	1.60	15.8
442707		0.40	<0.001	0.07	6.56	2.7	640	1.37	0.11	1.49	0.09	45.9	8.1	45	1.93	15.0
442708		0.38	<0.001	0.05	6.39	2.6	650	1.39	0.09	1.57	0.09	53.3	7.9	42	1.47	15.0
442709		0.21	0.007	0.03	6.56	35.5	440	1.42	0.12	1.86	0.08	52.5	13.6	55	2.78	69.3
442710		0.07	<0.001	0.01	0.09	0.7	<10	0.05	0.11	0.01	<0.02	2.27	0.4	5	0.09	4.6
442711		0.27	<0.001	0.04	6.64	6.2	640	1.36	0.09	1.73	0.07	58.3	9.1	57	1.49	39.3
442712		0.46	<0.001	0.03	6.65	3.0	600	1.44	0.10	1.51	0.03	54.6	8.4	43	1.54	19.5
442713		0.30	<0.001	0.04	6.51	6.3	660	1.36	0.12	1.59	0.08	49.5	8.9	49	1.94	20.8
442714		0.29	0.001	0.04	6.28	66.1	640	1.26	0.10	1.89	0.09	59.2	12.8	101	1.40	29.5
442715		0.34	<0.001	0.02	6.50	19.1	660	1.18	0.09	1.54	0.05	40.4	8.1	62	1.24	5.7
442716		0.30	<0.001	0.02	7.23	75.3	270	0.26	0.04	4.42	0.08	6.30	47.8	652	0.59	14.1
442717		0.27	<0.001	0.17	6.10	4.1	590	1.54	0.13	1.74	0.52	176.5	8.8	40	1.74	80.5
442718		0.35	<0.001	0.03	6.36	10.7	490	1.33	0.18	1.00	0.06	43.3	10.4	79	1.79	62.0
442719		0.30	<0.001	0.04	5.84	7.2	480	0.89	0.12	1.17	0.05	32.8	10.0	48	0.92	35.6
442720		0.27	<0.001	0.03	5.65	7.9	440	0.88	0.14	1.07	0.05	37.7	13.2	52	1.37	31.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 7- SEPT- 2017
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CERTIFICAT D'ANALYSE VO17167248

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442681		4.12	17.55	0.15	5.2	0.035	1.87	20.2	27.7	1.27	435	0.65	1.99	7.2	35.8	200
442682		4.80	11.65	0.17	3.0	0.029	1.37	23.1	17.9	1.32	1340	0.75	1.44	4.8	43.7	610
442683		5.69	16.15	0.17	5.5	0.029	1.59	15.8	11.4	0.52	344	0.98	1.62	7.2	11.5	250
442684		3.18	12.95	0.23	3.8	0.025	1.78	36.9	12.0	0.59	1020	0.68	1.80	5.3	18.3	710
442685		4.35	14.70	0.15	4.7	0.030	1.94	20.8	16.6	0.93	499	0.66	2.01	7.4	23.4	180
442686		4.26	14.95	0.18	3.9	0.029	1.71	20.0	16.8	0.59	648	0.84	1.82	6.7	13.0	360
442687		6.19	19.75	0.16	4.5	0.040	1.41	11.1	16.0	1.36	531	2.72	1.75	7.7	19.3	220
442688		4.15	18.10	0.14	3.5	0.029	1.69	12.3	17.6	1.34	389	0.66	1.71	6.8	22.8	150
442689		3.79	15.40	0.17	5.9	0.032	1.92	21.1	15.5	0.68	510	0.73	2.23	7.4	14.6	600
442690		3.26	14.50	0.15	5.2	0.027	2.03	23.7	14.4	0.60	586	0.53	2.28	6.8	14.8	530
442691		3.83	15.60	0.19	4.1	0.030	2.00	23.1	19.8	0.89	484	0.54	2.01	6.7	23.0	440
442692		2.72	12.85	0.11	3.6	0.024	1.91	24.1	11.9	0.63	340	0.44	2.19	5.1	15.7	520
442693		3.04	13.15	0.09	4.0	0.027	1.96	18.3	14.0	0.64	373	0.42	2.17	5.6	16.1	470
442694		3.42	16.50	0.10	4.5	0.028	2.03	19.4	17.4	0.85	338	0.54	1.91	7.0	17.7	350
442695		6.60	25.9	0.12	4.9	0.098	0.47	25.2	37.2	0.31	494	2.50	0.13	23.0	45.4	520
442696		3.14	15.20	0.09	3.9	0.034	2.10	17.2	15.7	0.68	321	0.53	2.04	6.4	14.5	390
442697		3.87	15.60	0.10	4.0	0.034	2.11	20.1	18.2	0.80	463	0.51	2.00	6.4	21.5	380
442698		3.44	14.15	0.11	4.2	0.032	1.96	17.0	20.1	0.74	471	0.47	2.08	6.1	17.5	500
442699		2.85	14.65	0.10	4.3	0.027	2.08	19.4	11.3	0.61	330	0.42	2.39	6.4	15.6	570
442700		2.72	14.30	0.11	3.8	0.028	2.02	22.4	13.8	0.76	376	0.39	2.22	6.1	19.7	650
442701		3.77	14.95	0.11	5.4	0.035	2.06	27.5	13.4	0.69	401	0.50	2.32	7.2	15.6	610
442702		4.27	15.30	0.12	3.7	0.038	2.02	22.9	23.7	0.91	781	0.77	2.07	6.1	25.0	650
442703		4.03	16.30	0.10	4.5	0.038	1.94	21.8	19.0	0.77	352	0.60	2.00	7.3	17.4	480
442704		3.99	15.00	0.10	4.0	0.031	2.01	18.7	16.3	0.71	411	0.50	2.14	6.3	16.9	500
442705		2.92	16.90	0.10	4.3	0.026	2.06	16.7	14.2	0.75	305	0.40	2.12	7.0	14.3	170
442706		2.74	14.15	0.11	5.0	0.032	2.25	26.0	13.2	0.69	511	0.27	2.47	6.0	17.5	640
442707		2.97	14.45	0.11	4.3	0.030	2.08	22.0	19.2	0.73	448	0.59	2.28	6.0	19.9	660
442708		2.69	14.10	0.12	4.0	0.028	2.07	27.4	14.2	0.72	549	0.58	2.35	6.6	18.2	690
442709		4.64	16.60	0.11	3.3	0.029	1.10	28.9	33.9	1.71	1360	1.04	1.41	6.7	28.4	340
442710		0.33	0.24	<0.05	0.2	<0.005	0.01	1.1	14.4	<0.01	32	0.67	<0.01	0.9	2.7	10
442711		3.20	14.15	0.12	4.2	0.027	1.96	31.3	13.6	1.03	630	0.40	2.30	6.1	21.2	700
442712		3.04	15.20	0.12	4.4	0.029	1.86	29.5	14.9	1.16	567	0.47	2.25	6.5	17.4	540
442713		3.47	14.75	0.11	4.6	0.030	1.99	23.3	16.9	0.79	599	0.58	2.26	6.2	18.3	430
442714		3.63	13.55	0.11	5.7	0.029	1.91	29.8	12.3	0.86	764	0.42	2.28	6.4	25.4	830
442715		2.53	13.50	0.11	3.6	0.026	2.00	15.5	11.6	0.70	463	0.37	2.47	5.5	15.3	220
442716		6.81	12.35	0.06	0.5	0.035	0.48	3.1	34.9	5.55	1030	0.39	0.78	1.6	162.0	120
442717		2.43	13.75	0.16	4.3	0.032	1.69	94.5	14.2	0.61	364	0.51	1.84	6.5	21.8	550
442718		5.58	15.20	0.10	3.9	0.040	1.47	21.2	19.0	0.82	537	0.84	1.68	6.7	23.8	390
442719		5.65	14.20	0.10	4.2	0.033	1.44	15.1	13.5	1.01	642	0.64	1.69	6.7	18.9	260
442720		6.38	14.10	0.09	4.6	0.038	1.32	18.0	12.2	1.37	791	0.65	1.51	7.3	24.4	210

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167248

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442681		13.5	72.3	<0.002	0.01	0.66	12.9	1	1.1	254	0.47	<0.05	4.83	0.313	0.48	1.1
442682		11.8	66.9	<0.002	0.04	0.56	12.5	2	0.8	181.0	0.34	0.09	4.78	0.199	0.44	1.8
442683		15.8	58.6	<0.002	0.01	0.30	6.7	1	1.2	190.0	0.61	0.11	4.52	0.287	0.39	1.4
442684		12.6	69.1	<0.002	0.04	0.32	7.6	2	0.8	232	0.38	0.05	8.95	0.197	0.40	1.4
442685		12.8	67.9	<0.002	0.01	0.27	10.5	1	0.9	257	0.49	0.06	4.72	0.289	0.39	1.1
442686		13.4	62.0	<0.002	0.01	0.20	7.3	1	0.9	223	0.49	0.07	4.61	0.258	0.42	1.1
442687		18.5	56.0	<0.002	0.01	0.41	10.0	1	1.3	171.0	0.51	0.07	4.03	0.343	0.27	1.1
442688		30.8	69.0	<0.002	0.01	0.27	10.0	1	1.1	175.5	0.49	0.10	3.72	0.325	0.34	0.9
442689		14.5	70.4	<0.002	0.01	0.14	8.4	1	1.0	287	0.51	0.06	6.58	0.282	0.40	1.4
442690		13.5	69.3	<0.002	<0.01	0.18	7.8	1	0.9	287	0.48	<0.05	5.46	0.256	0.39	1.2
442691		12.9	76.3	<0.002	0.01	0.17	9.0	1	0.9	252	0.48	<0.05	6.03	0.259	0.43	1.3
442692		12.8	74.0	<0.002	0.01	0.17	6.6	<1	0.8	278	0.39	0.05	4.64	0.218	0.42	1.0
442693		12.9	72.2	<0.002	0.01	0.17	6.7	<1	0.8	271	0.45	<0.05	5.26	0.244	0.42	0.9
442694		14.0	85.5	<0.002	0.01	0.18	8.3	1	1.1	233	0.54	<0.05	6.45	0.295	0.47	1.2
442695		23.4	63.6	<0.002	0.05	0.68	14.1	3	4.1	51.9	1.65	0.07	15.35	1.055	0.37	2.8
442696		13.4	84.1	<0.002	0.01	0.15	7.5	1	1.0	254	0.49	0.05	4.84	0.285	0.45	1.0
442697		14.5	82.8	<0.002	0.01	0.16	8.1	1	1.0	250	0.49	0.05	5.94	0.290	0.46	1.1
442698		14.1	78.0	<0.002	0.01	0.15	7.3	1	0.9	259	0.46	<0.05	6.28	0.254	0.37	1.1
442699		13.8	75.3	<0.002	0.01	0.13	7.0	1	0.9	307	0.48	<0.05	5.30	0.259	0.37	1.0
442700		12.4	77.8	<0.002	0.01	0.14	7.7	1	0.9	284	0.44	<0.05	4.52	0.258	0.39	0.9
442701		15.0	75.8	<0.002	0.01	0.13	8.2	1	1.0	301	0.54	<0.05	7.46	0.284	0.40	1.3
442702		14.5	84.2	<0.002	0.01	0.31	8.7	1	1.0	260	0.45	0.07	6.42	0.259	0.46	1.2
442703		15.9	76.7	<0.002	0.02	0.14	8.5	1	1.2	253	0.49	0.05	7.55	0.305	0.45	1.3
442704		13.8	81.8	<0.002	0.01	0.17	7.9	<1	0.9	270	0.50	0.05	5.80	0.257	0.42	1.1
442705		14.4	80.4	<0.002	0.01	0.13	8.1	<1	1.1	263	0.52	<0.05	4.85	0.299	0.48	1.1
442706		13.3	82.0	<0.002	0.01	0.15	7.5	<1	0.8	311	0.49	<0.05	5.92	0.250	0.41	1.3
442707		13.5	84.0	<0.002	0.01	0.15	7.6	1	0.9	293	0.46	<0.05	6.36	0.263	0.44	1.2
442708		12.8	80.3	<0.002	0.01	0.14	7.7	1	0.9	308	0.51	<0.05	5.68	0.253	0.41	1.3
442709		13.7	51.8	<0.002	0.04	0.14	8.2	1	1.7	183.5	0.46	0.06	8.47	0.293	0.55	3.8
442710		0.5	0.4	<0.002	<0.01	0.18	0.2	<1	0.5	0.8	0.06	<0.05	0.65	0.030	<0.02	0.1
442711		12.5	79.6	<0.002	0.01	0.17	8.1	1	1.0	296	0.46	<0.05	6.27	0.263	0.40	1.6
442712		13.5	73.8	<0.002	0.01	0.13	7.4	1	1.1	261	0.49	<0.05	6.18	0.261	0.36	1.3
442713		13.9	81.8	<0.002	0.01	0.17	7.6	1	0.9	287	0.49	0.05	6.44	0.263	0.39	1.3
442714		12.6	73.1	<0.002	0.02	0.20	9.7	1	0.9	300	0.49	0.09	6.44	0.278	0.37	1.4
442715		11.7	72.4	<0.002	0.01	0.16	7.3	<1	0.8	314	0.47	<0.05	3.36	0.236	0.39	0.8
442716		3.6	15.4	<0.002	0.01	0.25	32.1	<1	0.4	79.2	0.10	0.08	0.58	0.377	0.07	0.1
442717		16.6	64.6	<0.002	0.04	0.13	7.9	1	1.0	246	0.57	<0.05	9.36	0.268	0.37	1.8
442718		15.8	56.6	<0.002	0.03	0.32	9.0	1	0.9	198.0	0.48	0.09	7.61	0.318	0.38	1.3
442719		12.1	48.3	<0.002	0.02	0.21	11.0	1	0.9	195.0	0.46	0.07	4.15	0.384	0.34	1.0
442720		12.2	47.7	<0.002	0.02	0.28	13.7	1	1.0	167.5	0.50	0.08	5.08	0.503	0.26	1.0

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 7- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167248

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442681		99	0.6	9.0	42	188.0
442682		65	0.5	10.9	48	113.0
442683		75	0.8	7.0	27	210
442684		47	0.5	11.3	32	140.5
442685		72	0.5	8.1	46	181.0
442686		59	0.6	7.9	39	143.0
442687		102	0.7	7.4	76	171.5
442688		87	0.7	6.2	60	125.5
442689		61	0.8	10.1	41	218
442690		52	0.5	10.1	36	192.0
442691		59	0.5	9.3	46	150.5
442692		46	0.4	9.2	33	131.0
442693		48	0.4	7.8	34	142.5
442694		63	0.6	8.0	42	164.0
442695		161	2.3	13.3	46	180.5
442696		58	0.5	7.6	35	139.5
442697		63	0.6	8.1	43	143.5
442698		51	0.5	8.3	39	150.0
442699		54	0.4	8.5	29	148.5
442700		50	0.4	9.0	35	141.0
442701		63	0.5	11.2	35	191.0
442702		67	0.6	9.6	56	136.5
442703		65	0.5	8.9	37	161.5
442704		53	0.5	9.0	38	150.5
442705		61	0.6	7.7	29	156.5
442706		50	0.4	10.3	33	153.0
442707		51	0.4	10.2	45	154.5
442708		50	0.4	11.9	39	143.0
442709		58	0.5	10.9	72	116.5
442710		3	0.2	0.6	3	8.1
442711		54	0.5	12.2	38	152.0
442712		51	0.5	10.3	37	159.5
442713		58	0.5	10.4	45	166.5
442714		64	0.5	13.6	44	209
442715		53	0.4	8.0	27	131.0
442716		188	0.4	6.9	64	15.5
442717		50	0.4	18.4	30	148.0
442718		87	0.6	8.2	38	141.0
442719		103	0.6	8.8	35	153.0
442720		130	0.7	10.7	46	171.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 7- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167248

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Applique à la Méthode: LOG- 22 LOG- 23 SCR- 41 WEI- 21

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: Au- ICP21 ME- MS61

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167249

Projet: KAN

Bon de commande #: SOILKAN- 009

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

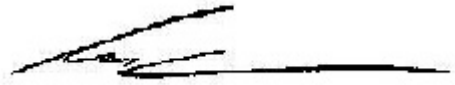
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167249

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442721		0.32	<0.001	0.03	6.94	17.1	480	0.97	0.08	2.12	0.16	30.0	13.5	55	1.25	80.0
442722		0.27	0.001	0.07	5.77	2.8	780	1.01	0.07	1.07	0.17	30.2	2.7	38	0.97	21.1
442723		0.46	<0.001	0.10	6.13	99.7	640	1.21	0.08	1.84	0.06	46.3	10.5	62	1.34	86.9
442724		0.35	<0.001	0.03	6.29	42.6	560	1.02	0.07	2.77	0.07	20.2	14.6	263	1.34	17.0
442725		0.50	0.001	0.04	6.64	4.8	660	1.36	0.10	1.44	0.08	56.6	8.5	55	1.79	22.0
442726		0.39	0.005	0.03	6.61	2.2	620	1.38	0.07	1.40	0.03	34.0	5.1	42	1.30	12.1
442727		0.48	<0.001	0.06	6.47	3.0	660	1.40	0.09	1.39	0.07	49.2	7.6	55	1.77	12.4
442728		0.33	<0.001	0.06	6.56	9.9	680	1.23	0.10	1.33	0.06	38.9	8.4	57	1.87	14.6
442729		0.36	0.002	0.04	6.54	4.9	650	1.35	0.12	1.24	0.05	45.0	7.8	48	1.69	17.8
442730		0.37	0.002	0.04	6.48	3.3	680	1.33	0.08	1.57	0.09	52.1	7.9	51	1.29	12.4
442731		0.31	0.001	0.07	6.23	4.6	610	1.16	0.09	1.26	0.05	41.4	6.6	47	1.53	13.1
442732		0.36	<0.001	0.06	6.81	3.4	650	1.35	0.08	1.29	0.05	38.3	6.6	54	1.64	9.5
442733		0.35	0.002	0.03	6.42	3.5	620	1.22	0.10	1.10	0.05	40.9	7.2	52	1.73	6.2
442734		0.30	0.002	0.02	7.07	3.7	660	1.38	0.09	1.15	0.05	47.2	8.2	59	2.07	16.3
442735		0.07	0.023	0.14	8.02	14.5	190	0.78	0.29	0.18	0.03	36.5	28.9	559	3.72	364
442736		0.34	0.001	0.05	6.51	5.7	450	0.95	0.09	0.79	0.04	28.3	20.0	324	2.12	7.6
442737		0.27	0.002	0.04	6.77	6.7	610	1.36	0.11	0.98	0.07	39.8	10.8	61	2.95	13.4
442738		0.27	0.001	0.50	6.56	38.4	420	2.60	0.09	0.62	0.24	118.5	38.4	60	2.89	14.1
442739		0.30	0.009	0.05	5.61	2.7	430	1.14	0.13	0.66	0.08	19.50	8.0	44	3.04	8.3
442740		0.41	0.003	0.09	6.29	2.9	440	1.28	0.21	0.67	0.07	21.1	10.6	53	3.85	7.1
442741		0.68	0.001	0.05	6.41	2.6	660	1.30	0.08	1.31	0.03	58.7	7.5	48	2.10	16.3
442742		0.45	<0.001	0.06	5.71	3.5	490	1.31	0.16	1.16	0.07	34.4	9.2	46	3.48	10.7
442743		0.47	0.001	0.04	6.59	2.3	690	1.29	0.08	1.36	0.03	60.7	8.3	53	1.60	19.3
442744		0.53	0.001	0.05	6.40	2.1	670	1.38	0.08	1.29	0.04	53.1	7.7	52	2.15	19.2
442745		0.29	0.001	<0.01	6.99	4.6	600	2.03	0.12	1.06	0.11	67.8	23.3	29	4.12	39.3
442746		0.23	0.001	0.07	4.78	2.4	490	1.16	0.16	0.56	0.10	20.1	8.6	37	3.34	8.8
442747		0.33	0.001	0.21	4.12	1.4	310	1.61	0.11	0.32	0.05	87.0	17.6	35	6.94	18.5
442748		0.40	0.001	0.07	5.75	5.2	580	1.35	0.08	1.47	0.09	60.9	11.7	52	2.50	41.1
442749		0.23	<0.001	0.19	5.27	110.5	670	1.88	0.08	1.31	0.36	63.9	52.4	42	2.68	95.6
442750		0.07	<0.001	0.01	0.09	0.8	<10	0.06	0.01	0.01	<0.02	2.63	0.4	6	0.08	4.0
442751		0.19	0.002	0.06	6.87	86.3	700	1.35	0.15	2.12	0.14	83.0	28.7	105	2.99	71.3
442752		0.20	0.001	0.03	6.67	10.1	630	1.10	0.14	1.50	0.04	37.1	8.2	58	1.64	12.3
442753		0.22	0.003	0.10	6.50	15.2	650	1.05	0.09	2.38	0.23	39.0	10.8	46	1.91	125.0
442754		0.23	0.001	0.05	5.43	6.4	490	1.11	0.16	1.06	0.06	38.5	10.9	59	1.98	33.2
442755		0.14	0.001	0.04	6.30	3.0	590	1.10	0.07	1.18	0.07	40.0	5.7	49	1.16	18.6
442756		0.25	0.001	0.04	6.31	5.1	640	1.19	0.15	0.75	0.15	37.9	10.4	51	2.77	10.9
442757		0.21	<0.001	0.03	6.98	1.7	700	1.30	0.07	1.44	0.05	35.0	5.8	34	1.27	7.0
442758		0.27	0.001	0.02	6.24	3.0	620	1.13	0.11	1.27	0.05	29.2	6.1	51	1.91	4.1
442759		0.27	0.001	0.08	6.74	2.1	640	1.29	0.09	1.36	0.05	45.2	5.8	41	1.59	7.5
442760		0.19	0.002	0.06	6.76	2.9	610	1.43	0.09	1.35	0.06	40.3	6.2	48	1.35	7.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167249

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442721		5.00	13.40	0.19	3.1	0.038	1.38	14.9	20.5	1.25	470	0.61	1.68	5.3	27.8	280
442722		1.85	12.20	0.21	6.5	0.016	2.31	16.9	4.0	0.33	166	0.51	2.02	5.8	9.2	150
442723		2.82	11.15	0.22	2.6	0.025	1.85	31.7	15.8	0.83	552	1.66	2.01	4.6	25.6	680
442724		3.92	13.15	0.20	2.2	0.029	1.68	8.9	13.4	1.72	629	0.46	1.85	4.1	41.2	230
442725		3.89	13.45	0.22	4.2	0.028	2.11	32.4	20.7	0.85	709	0.59	2.19	6.4	19.9	640
442726		2.65	13.60	0.20	3.5	0.025	1.95	18.9	13.5	0.80	345	0.45	2.26	5.9	12.4	290
442727		3.04	13.65	0.20	4.2	0.026	2.06	27.2	17.7	0.74	461	0.49	2.15	6.3	17.4	640
442728		3.35	13.65	0.19	3.7	0.028	2.17	20.9	18.6	0.82	432	0.59	2.14	6.5	19.3	440
442729		3.51	12.95	0.20	4.0	0.027	2.04	22.7	18.3	0.71	486	0.51	2.12	6.3	17.3	410
442730		3.27	12.60	0.20	4.5	0.028	2.14	26.6	13.6	0.68	638	0.45	2.32	6.5	17.3	830
442731		3.66	13.35	0.20	4.3	0.032	1.91	21.8	18.9	0.81	427	0.59	2.04	6.4	14.9	420
442732		3.30	13.70	0.20	4.5	0.029	2.11	19.7	18.1	0.72	457	0.51	2.21	6.5	17.6	570
442733		3.52	13.65	0.21	4.1	0.036	1.98	20.2	19.0	0.78	579	0.44	1.92	6.9	17.4	340
442734		3.53	14.45	0.20	3.9	0.038	2.19	24.2	23.5	0.79	390	0.36	2.01	7.3	22.2	370
442735		13.90	20.2	0.18	3.9	0.092	0.41	18.5	20.7	0.22	469	2.28	0.09	16.1	226	430
442736		5.63	15.90	0.13	3.4	0.037	1.43	14.7	23.2	2.48	622	0.79	1.39	6.9	62.2	320
442737		4.48	15.15	0.17	4.3	0.037	1.96	18.5	29.6	1.24	736	0.68	1.90	7.5	22.1	270
442738		6.02	11.55	0.22	2.9	0.041	1.93	49.6	52.6	0.75	3520	0.64	0.27	4.5	29.7	1580
442739		3.63	14.80	0.16	3.9	0.034	1.22	8.8	23.4	2.16	862	0.69	1.26	5.9	17.0	580
442740		4.44	15.55	0.15	3.2	0.039	1.33	10.7	27.9	2.42	1350	0.99	1.73	6.2	20.5	370
442741		3.46	13.15	0.21	3.9	0.027	1.99	32.1	18.6	0.96	859	0.49	2.01	6.1	18.9	730
442742		3.76	14.55	0.16	3.5	0.035	1.24	18.1	43.7	2.53	1390	0.79	1.18	6.0	18.0	320
442743		3.16	14.15	0.21	4.1	0.032	2.12	34.5	19.6	1.11	607	0.37	2.10	6.9	20.8	700
442744		4.25	13.60	0.21	3.8	0.032	2.15	29.2	19.9	0.96	916	0.47	2.05	6.7	20.7	680
442745		7.82	20.1	0.21	4.4	0.069	1.38	34.3	34.9	1.51	1720	1.16	1.98	64.2	11.9	1790
442746		4.86	14.15	0.15	4.0	0.031	1.30	8.6	23.6	1.92	1170	0.62	1.07	5.6	12.0	330
442747		19.70	10.50	0.45	2.6	0.039	1.01	56.1	27.3	1.55	4220	0.68	0.89	7.8	22.0	350
442748		3.93	12.55	0.19	3.4	0.031	1.41	32.7	28.1	2.71	2220	1.15	1.52	6.8	25.2	1000
442749		4.65	12.95	0.17	1.7	0.040	0.50	40.6	33.1	5.56	26400	2.02	0.57	4.9	219	1040
442750		0.35	0.22	0.15	0.2	<0.005	0.01	1.3	15.8	0.01	57	0.59	<0.01	0.8	2.6	10
442751		5.01	14.10	0.19	3.3	0.041	2.04	32.9	26.9	1.43	1650	1.09	1.89	6.3	38.0	680
442752		4.49	13.60	0.17	3.0	0.031	2.03	14.9	15.1	0.93	438	0.53	2.07	6.0	21.3	310
442753		3.13	13.75	0.19	4.5	0.031	1.81	21.2	15.9	0.98	551	0.52	2.03	5.6	24.2	510
442754		6.96	13.15	0.17	3.9	0.037	1.43	18.4	13.4	0.94	1420	0.83	1.38	6.6	18.8	550
442755		3.15	11.90	0.19	2.9	0.030	1.89	20.3	13.3	0.60	326	0.33	1.98	5.0	16.2	550
442756		4.70	17.00	0.18	4.4	0.040	1.98	19.2	18.8	1.08	984	0.77	1.53	7.1	20.8	370
442757		2.16	14.35	0.18	2.6	0.025	2.18	16.2	12.5	0.58	289	0.28	2.52	5.1	15.8	430
442758		4.53	14.85	0.16	4.9	0.028	2.04	13.7	10.7	0.64	572	0.78	2.13	6.8	13.4	250
442759		2.96	14.25	0.17	4.1	0.028	2.00	23.9	14.7	0.74	386	0.41	2.10	6.1	13.9	440
442760		3.70	13.15	0.17	3.8	0.031	1.91	20.2	14.1	0.66	399	0.47	2.12	5.9	15.1	690

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167249

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442721		9.5	50.5	<0.002	0.03	0.25	15.6	1	0.7	208	0.40	0.10	3.07	0.370	0.27	0.7
442722		13.1	74.5	<0.002	0.01	0.12	5.1	<1	1.0	266	0.46	<0.05	4.12	0.256	0.39	1.0
442723		11.5	67.4	<0.002	0.04	0.31	9.6	1	0.6	257	0.34	<0.05	4.93	0.213	0.33	1.4
442724		9.9	63.0	<0.002	0.01	0.21	17.5	1	0.7	241	0.29	0.08	2.09	0.300	0.30	0.6
442725		14.0	82.2	<0.002	0.01	0.18	8.1	1	0.9	277	0.48	<0.05	6.20	0.267	0.41	1.3
442726		12.2	71.1	<0.002	0.01	0.10	6.5	1	1.0	278	0.44	<0.05	4.99	0.239	0.36	0.9
442727		12.6	80.8	<0.002	0.01	0.12	7.6	1	0.9	277	0.46	<0.05	6.09	0.256	0.41	1.3
442728		13.0	87.2	<0.002	0.01	0.17	7.6	1	0.9	273	0.48	<0.05	4.84	0.270	0.39	1.0
442729		13.3	78.3	<0.002	0.01	0.15	7.0	1	0.8	269	0.50	<0.05	6.03	0.255	0.40	1.2
442730		13.5	76.5	<0.002	0.01	0.17	7.5	1	0.8	303	0.48	<0.05	5.25	0.269	0.38	1.1
442731		13.4	73.2	<0.002	0.01	0.15	7.2	1	0.9	259	0.48	0.06	4.91	0.254	0.37	1.1
442732		13.6	80.6	<0.002	0.01	0.14	7.4	<1	0.9	276	0.49	<0.05	5.02	0.259	0.38	1.1
442733		16.0	77.1	<0.002	0.01	0.15	7.6	1	0.9	239	0.49	<0.05	5.39	0.280	0.36	1.0
442734		14.1	87.4	<0.002	0.01	0.16	8.8	1	1.0	252	0.55	<0.05	6.33	0.288	0.41	1.1
442735		19.6	43.7	<0.002	0.05	0.81	53.6	4	2.5	32.9	1.10	0.12	13.45	0.755	0.23	2.4
442736		12.4	62.5	<0.002	0.01	0.16	20.0	1	0.9	171.0	0.52	0.05	4.65	0.353	0.28	0.9
442737		16.1	90.5	<0.002	0.01	0.18	8.2	1	1.1	219	0.55	0.05	6.00	0.302	0.39	1.2
442738		35.6	83.2	<0.002	0.04	1.19	7.0	1	0.6	44.5	0.30	0.05	11.50	0.178	0.91	2.8
442739		15.2	69.3	<0.002	0.01	0.14	7.4	<1	1.1	116.0	0.43	0.07	5.67	0.263	0.23	1.1
442740		17.1	74.1	<0.002	0.01	0.13	7.9	1	1.1	122.5	0.45	0.12	6.39	0.320	0.27	1.1
442741		13.1	84.1	<0.002	0.01	0.11	7.3	1	0.9	255	0.45	<0.05	7.25	0.252	0.40	1.4
442742		14.9	65.6	<0.002	0.02	0.15	7.1	1	1.1	133.5	0.43	0.08	6.45	0.275	0.34	2.2
442743		13.7	80.4	<0.002	<0.01	0.14	8.4	1	0.9	272	0.50	<0.05	6.56	0.263	0.39	1.1
442744		13.0	89.1	<0.002	<0.01	0.14	8.0	<1	0.9	265	0.49	<0.05	6.40	0.254	0.41	1.1
442745		12.0	65.6	<0.002	0.01	0.13	7.9	1	1.8	178.5	3.42	0.16	6.46	1.065	0.32	1.3
442746		16.8	58.5	<0.002	0.01	0.10	5.2	<1	1.0	77.6	0.41	0.11	6.76	0.251	0.27	1.4
442747		7.1	95.1	<0.002	0.01	0.12	6.5	1	1.2	68.1	0.53	0.05	7.70	0.186	0.54	1.2
442748		13.1	110.0	<0.002	0.04	0.16	7.6	1	0.8	191.5	0.48	0.06	6.51	0.271	0.32	2.0
442749		24.2	24.7	<0.002	0.02	0.18	7.1	1	0.7	82.2	0.35	0.20	6.87	0.217	0.70	1.3
442750		<0.5	0.4	<0.002	<0.01	0.17	0.1	<1	0.4	0.8	0.06	<0.05	0.68	0.030	0.02	0.1
442751		18.0	81.0	<0.002	0.04	0.29	11.7	1	0.9	244	0.50	0.06	8.38	0.325	0.43	1.3
442752		16.2	75.4	<0.002	0.02	0.19	8.2	<1	0.7	258	0.51	0.09	3.72	0.265	0.32	0.8
442753		10.9	65.5	<0.002	0.04	0.18	11.4	1	0.9	273	0.42	0.07	3.82	0.320	0.34	1.0
442754		14.2	55.2	<0.002	0.03	0.19	7.9	1	1.0	160.0	0.50	0.11	5.59	0.311	0.31	1.2
442755		12.7	68.0	<0.002	0.02	0.13	6.7	1	0.7	250	0.39	<0.05	4.67	0.215	0.32	0.9
442756		11.9	84.8	<0.002	0.02	0.21	8.5	<1	1.2	145.0	0.52	0.08	6.35	0.354	0.38	1.2
442757		12.7	81.6	<0.002	0.01	0.08	5.9	1	0.7	329	0.43	<0.05	4.35	0.200	0.37	0.7
442758		12.9	86.3	<0.002	0.01	0.16	6.5	1	0.9	277	0.71	<0.05	3.31	0.299	0.33	1.0
442759		13.2	78.0	<0.002	0.01	0.12	7.0	1	1.0	254	0.48	<0.05	5.40	0.273	0.37	1.1
442760		12.8	70.7	<0.002	0.01	0.13	6.9	1	0.8	273	0.53	<0.05	5.58	0.256	0.32	1.0

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Projet: KAN

CERTIFICAT D'ANALYSE VO17167249

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442721		132	0.5	8.2	58	123.5
442722		49	0.6	4.4	19	269
442723		56	0.4	13.8	36	105.0
442724		116	0.4	7.3	42	90.0
442725		64	0.5	13.2	49	169.5
442726		49	0.4	7.1	28	144.0
442727		57	0.4	9.3	38	170.0
442728		62	0.5	7.6	44	146.5
442729		55	0.5	8.7	40	162.0
442730		59	0.5	11.8	42	183.5
442731		59	0.5	8.5	40	177.0
442732		57	0.5	8.5	40	183.0
442733		61	0.6	8.4	41	167.0
442734		63	0.6	9.0	43	149.5
442735		230	1.7	11.1	44	156.0
442736		150	0.6	7.0	66	131.0
442737		70	0.6	7.8	63	172.0
442738		54	1.3	31.5	33	116.0
442739		56	0.6	7.5	55	158.5
442740		67	0.6	8.7	66	129.0
442741		50	0.5	12.1	40	157.5
442742		57	0.7	10.1	68	143.5
442743		58	0.5	13.6	44	160.0
442744		57	0.5	11.5	47	149.5
442745		88	0.9	16.1	104	210
442746		62	0.6	6.1	63	164.5
442747		43	0.2	13.5	59	106.0
442748		62	0.5	15.2	59	134.5
442749		101	2.4	20.4	135	65.4
442750		3	0.1	0.7	3	7.6
442751		94	0.5	12.9	77	126.0
442752		66	0.4	7.1	39	113.0
442753		90	0.4	9.9	44	174.0
442754		67	0.7	8.3	43	156.0
442755		50	0.3	7.4	30	114.5
442756		88	0.9	6.1	72	176.5
442757		43	0.4	6.6	28	96.2
442758		80	0.5	6.3	36	194.5
442759		57	0.5	8.0	30	157.0
442760		58	0.5	7.7	34	147.0

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Finalisée date: 8- SEPT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17167249

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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Finalisée date: 7- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167252

Projet: KAN

Bon de commande #: SOILKAN- 010

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

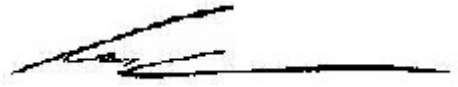
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167252

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442761		0.21	<0.001	0.04	6.58	3.6	650	1.29	0.11	1.32	0.05	35.3	6.5	42	1.71	8.3
442762		0.36	<0.001	0.04	6.83	3.9	680	1.36	0.11	1.45	0.06	53.3	9.0	57	2.07	16.1
442763		0.26	<0.001	0.03	6.60	4.9	650	1.39	0.12	1.25	0.08	44.7	8.5	46	1.95	18.5
442764		0.26	<0.001	0.05	6.55	4.0	650	1.30	0.11	1.29	0.06	39.7	6.8	44	1.70	15.8
442765		0.18	<0.001	0.05	6.42	17.8	630	1.35	0.11	1.30	0.07	41.4	8.4	50	1.70	21.1
442766		0.18	<0.001	0.04	6.49	5.4	570	1.36	0.14	1.61	0.05	52.6	15.4	108	3.12	29.8
442767		0.20	<0.001	0.06	6.58	6.1	740	1.56	0.26	0.42	0.07	94.7	17.7	47	3.73	70.8
442768		0.29	<0.001	0.04	6.56	3.9	620	1.39	0.10	1.08	0.09	67.5	9.8	62	2.12	8.4
442769		0.30	<0.001	0.09	6.06	4.6	610	1.28	0.11	1.30	0.14	75.8	11.7	70	2.93	26.0
442770		0.40	0.001	0.10	6.02	6.0	600	1.30	0.13	1.35	0.09	62.7	11.0	48	2.46	42.8
442771		0.35	<0.001	0.09	6.34	5.4	630	1.24	0.13	1.38	0.13	60.0	11.3	55	3.00	18.7
442772		0.49	<0.001	0.03	6.17	4.4	620	1.12	0.10	1.25	0.05	34.1	6.4	40	1.58	8.1
442773		0.23	<0.001	0.06	5.26	6.3	330	1.35	0.13	0.44	0.10	27.2	14.3	43	4.14	37.5
442774		0.21	<0.001	0.03	6.18	4.9	570	1.18	0.14	0.96	0.12	44.6	7.3	49	3.50	7.0
442775		0.07	<0.001	0.04	9.11	10.8	150	0.81	0.34	0.30	0.04	54.0	6.7	113	6.14	30.6
442776		0.19	<0.001	0.09	6.63	4.9	690	1.66	0.08	0.64	0.12	90.7	11.3	48	2.97	17.5
442777		0.19	<0.001	0.11	5.57	1.2	510	1.33	0.11	0.22	0.02	93.2	1.9	48	3.99	78.2
442778		0.24	<0.001	<0.01	7.50	1.0	1010	2.86	0.04	1.93	0.08	255	28.8	9	5.56	44.7
442779		0.22	<0.001	0.03	4.92	1.8	210	1.25	0.10	1.00	0.21	54.2	8.5	34	1.58	10.7
442780		0.27	<0.001	0.05	6.64	2.6	550	1.53	0.05	1.56	0.10	56.7	10.2	52	1.65	16.2
442781		0.19	<0.001	0.04	6.70	3.9	600	1.27	0.09	1.23	0.16	68.1	14.2	57	2.59	48.4
442782		0.18	<0.001	0.06	5.80	7.4	500	1.16	0.12	0.93	0.16	46.2	11.0	48	1.08	19.5
442783		0.15	<0.001	<0.01	7.93	4.3	40	0.44	0.01	1.01	0.06	7.37	41.8	756	0.35	64.4
442784		0.16	<0.001	0.03	6.98	3.6	640	1.43	0.10	0.84	0.12	42.8	7.4	57	1.85	14.9
442785		0.14	<0.001	0.08	6.05	2.6	80	0.30	0.07	1.71	0.12	13.75	31.0	47	0.40	59.3
442786		0.15	<0.001	0.07	5.96	6.0	530	0.97	0.10	0.88	0.11	33.3	8.0	64	2.49	12.6
442787		0.19	<0.001	0.05	6.57	8.3	540	1.39	0.14	1.20	0.12	49.1	15.6	85	2.07	18.9
442788		0.16	<0.001	0.11	7.33	6.5	590	1.66	0.12	1.00	0.18	109.0	14.6	68	2.87	19.5
442789		0.20	<0.001	0.06	6.98	4.2	650	1.50	0.09	0.94	0.25	78.4	10.7	53	3.43	14.1
442790		0.07	<0.001	0.01	0.10	1.0	<10	0.06	0.01	0.01	<0.02	2.61	0.4	6	0.11	4.7
442791		0.14	<0.001	0.05	5.93	6.7	350	1.15	0.09	0.83	0.22	38.0	14.8	42	1.69	89.5
442792		0.20	<0.001	0.02	6.23	7.8	540	1.38	0.07	1.52	0.08	45.6	8.1	44	1.96	34.4
442793		0.24	<0.001	0.05	6.40	67.8	530	0.88	0.09	1.30	0.12	54.2	11.3	89	0.67	51.1
442794		0.16	<0.001	0.03	6.21	10.5	560	1.21	0.18	0.86	0.05	53.2	9.2	67	3.94	21.7
442795		0.17	<0.001	0.03	6.43	6.5	420	1.37	0.07	0.77	0.06	42.9	10.1	53	2.81	23.9
442796		0.20	<0.001	0.08	5.80	34.0	490	0.77	0.14	1.16	0.08	40.4	7.8	127	1.68	20.8
442797		0.34	<0.001	0.03	6.50	5.0	610	1.06	0.10	1.29	0.07	47.0	7.1	53	1.48	8.8
442798		0.37	<0.001	0.05	6.63	2.6	690	1.08	0.10	1.33	0.09	46.8	6.1	48	1.73	11.4
442799		0.30	0.004	0.08	6.24	2.7	650	1.24	0.10	1.35	0.25	41.5	6.6	45	1.26	14.3
442800		0.37	<0.001	0.03	6.50	3.5	660	1.15	0.10	1.27	0.06	43.5	6.3	44	1.54	10.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 7- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167252

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442761		2.83	14.05	0.09	4.8	0.026	2.08	16.5	14.0	0.67	375	0.40	2.34	6.2	14.6	440
442762		3.09	15.10	0.11	4.4	0.037	2.11	26.9	17.8	0.87	513	0.42	2.24	6.2	19.6	610
442763		3.43	14.15	0.12	4.0	0.030	2.10	22.1	16.0	0.76	520	0.56	2.11	6.1	15.5	510
442764		3.17	13.75	0.11	4.2	0.033	2.07	21.1	14.9	0.70	444	0.46	2.24	5.7	16.7	530
442765		4.07	13.40	0.10	3.9	0.031	1.99	19.4	19.0	0.75	610	0.66	2.10	6.1	18.0	650
442766		4.42	14.90	0.13	3.7	0.040	1.53	35.2	34.2	1.54	1500	0.63	1.67	6.3	30.1	290
442767		4.64	15.95	0.13	4.5	0.052	2.19	47.3	27.7	1.51	3740	0.49	1.17	7.1	26.2	440
442768		4.36	13.95	0.14	6.3	0.037	1.96	28.8	22.9	0.96	960	1.50	1.98	6.0	19.1	320
442769		4.24	12.55	0.15	3.8	0.035	1.93	37.6	25.1	1.04	1720	1.44	1.70	5.3	25.7	670
442770		5.31	12.15	0.17	3.6	0.033	1.88	44.8	18.7	0.88	1580	2.71	1.95	5.2	21.6	760
442771		4.35	13.85	0.15	3.5	0.031	1.95	28.5	24.0	0.94	920	1.55	1.75	6.3	21.2	650
442772		3.18	13.05	0.11	4.6	0.029	1.97	14.5	12.9	0.63	415	0.99	2.15	5.7	13.2	300
442773		14.00	11.20	0.14	2.8	0.046	1.10	10.6	23.7	0.82	2480	0.96	0.83	6.8	16.5	480
442774		5.37	15.00	0.13	3.9	0.037	1.84	22.4	16.4	0.77	680	1.38	1.88	6.6	14.4	360
442775		6.30	23.6	0.10	4.8	0.094	0.46	25.5	35.5	0.31	470	2.54	0.13	24.3	44.2	510
442776		4.68	14.50	0.13	6.0	0.036	2.27	33.1	31.8	1.01	1420	0.51	1.38	6.6	25.7	470
442777		6.56	15.30	0.15	2.8	0.034	1.05	46.1	15.8	1.72	947	3.27	2.51	6.6	5.6	510
442778		9.20	24.3	0.29	7.8	0.088	0.83	130.0	42.8	1.50	1260	3.03	2.30	121.0	4.7	3330
442779		3.75	9.90	0.09	2.3	0.033	0.38	14.3	32.0	4.81	3150	0.74	1.09	5.6	16.9	540
442780		3.73	15.55	0.12	3.7	0.038	1.21	23.7	51.7	3.29	857	0.25	1.50	4.0	22.9	590
442781		4.08	14.35	0.16	3.8	0.040	1.69	35.7	34.1	2.10	928	0.44	1.61	5.5	32.8	330
442782		3.63	13.45	0.13	3.9	0.034	1.54	15.4	22.6	1.12	843	0.49	1.57	5.6	17.2	420
442783		5.62	12.05	0.12	0.3	0.063	0.06	2.2	44.6	5.89	1500	0.07	1.32	0.6	135.0	80
442784		4.46	15.70	0.13	4.3	0.038	1.71	20.5	30.4	1.33	435	0.77	1.52	6.3	17.2	170
442785		9.03	17.05	0.11	1.8	0.067	0.24	5.9	20.9	2.95	814	0.65	0.66	3.9	42.8	340
442786		5.07	15.35	0.11	4.0	0.037	1.63	14.7	21.0	1.30	470	0.72	1.49	6.3	17.1	290
442787		5.03	14.05	0.14	4.2	0.047	1.64	22.6	36.5	1.08	779	2.46	1.77	8.8	30.2	600
442788		4.55	15.95	0.15	4.0	0.048	2.02	31.0	35.8	1.51	832	0.81	1.65	6.8	38.4	460
442789		4.17	15.70	0.15	4.8	0.041	1.97	36.4	37.9	1.83	1160	0.60	1.54	6.1	25.6	390
442790		0.34	0.29	0.05	0.3	<0.005	0.01	1.2	15.0	0.01	33	0.70	<0.01	1.0	2.9	10
442791		3.71	13.85	0.10	4.5	0.032	0.97	18.9	39.0	2.47	985	0.38	1.30	5.6	21.8	240
442792		3.02	13.15	0.12	4.0	0.025	1.54	12.5	25.1	1.59	722	0.27	1.80	5.2	17.9	460
442793		4.18	15.90	0.13	6.0	0.039	1.58	22.9	17.4	1.04	445	0.42	1.74	7.7	26.9	580
442794		6.02	16.95	0.14	4.0	0.050	1.77	26.8	28.3	1.10	723	2.13	1.33	8.5	20.7	340
442795		4.29	14.45	0.13	4.1	0.055	1.43	26.7	58.3	2.65	886	1.06	1.16	7.3	23.5	390
442796		4.66	14.40	0.12	3.8	0.037	1.52	15.2	14.8	1.00	445	0.70	1.59	6.6	23.7	420
442797		3.10	13.55	0.13	3.9	0.034	1.87	21.7	16.8	0.70	355	0.49	2.03	6.5	18.6	540
442798		2.36	15.05	0.14	4.0	0.030	2.12	23.4	12.3	0.67	294	0.45	2.25	6.7	16.7	500
442799		2.62	13.80	0.14	4.5	0.025	1.96	19.6	9.8	0.62	301	0.39	2.22	6.1	17.9	400
442800		2.68	14.75	0.13	3.9	0.028	1.99	20.3	13.3	0.59	306	0.44	2.15	6.2	15.5	390

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 7- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167252

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442761		12.4	77.6	<0.002	0.01	0.11	6.8	1	0.9	297	0.48	<0.05	4.70	0.258	0.41	1.0
442762		12.9	84.0	<0.002	0.01	0.14	8.5	1	1.0	283	0.46	<0.05	6.61	0.279	0.46	1.6
442763		13.9	81.4	<0.002	0.01	0.19	7.1	<1	0.9	262	0.47	0.05	6.48	0.273	0.44	1.2
442764		13.7	78.6	<0.002	0.01	0.16	7.1	1	0.8	282	0.45	<0.05	5.18	0.246	0.40	1.1
442765		14.2	75.2	<0.002	0.01	0.23	7.4	<1	0.9	269	0.48	0.05	5.29	0.254	0.44	1.2
442766		17.8	73.1	<0.002	0.01	0.16	10.1	1	1.0	219	0.44	0.18	6.13	0.284	0.34	1.7
442767		16.5	103.5	<0.002	0.02	0.23	9.8	1	1.1	102.0	0.53	0.32	11.45	0.347	0.49	1.4
442768		19.0	81.6	<0.002	0.01	0.18	7.6	1	1.1	248	0.40	0.06	9.49	0.244	0.43	1.5
442769		14.3	97.6	<0.002	0.02	0.26	7.6	1	1.0	196.0	0.40	0.09	8.41	0.233	0.48	2.7
442770		15.2	88.3	<0.002	0.02	0.25	6.8	1	0.9	235	0.39	0.08	6.48	0.202	0.43	2.9
442771		16.1	94.7	<0.002	0.02	0.18	7.6	1	1.0	223	0.48	0.06	8.05	0.248	0.46	2.4
442772		13.3	82.2	<0.002	0.01	0.14	6.3	1	0.9	267	0.44	<0.05	3.98	0.231	0.41	1.1
442773		12.4	70.2	<0.002	0.02	0.18	5.5	1	1.7	102.0	0.47	0.09	5.58	0.190	0.57	1.3
442774		17.6	97.8	<0.002	0.01	0.18	6.7	<1	1.2	219	0.45	0.10	9.62	0.261	0.44	1.3
442775		24.0	64.1	<0.002	0.05	0.62	12.7	4	4.2	48.2	1.53	0.05	15.25	0.965	0.36	2.7
442776		11.2	94.3	<0.002	0.01	0.18	7.6	1	1.1	129.0	0.48	<0.05	10.30	0.252	0.48	1.4
442777		6.7	44.4	<0.002	0.30	0.14	6.6	2	0.8	53.8	0.41	0.19	10.95	0.236	0.27	4.4
442778		11.5	50.7	<0.002	0.02	0.11	10.0	2	3.5	331	6.60	0.05	8.47	1.510	0.23	4.7
442779		18.7	14.2	<0.002	0.01	0.06	5.0	1	0.8	62.5	0.36	0.08	6.87	0.169	0.21	1.7
442780		12.8	46.9	<0.002	0.02	0.08	8.4	1	1.0	153.5	0.26	0.05	7.63	0.220	0.27	1.2
442781		13.4	66.9	0.002	0.01	0.14	13.5	1	1.0	186.0	0.39	0.05	7.80	0.275	0.42	1.3
442782		14.3	53.7	<0.002	0.02	0.13	6.9	1	1.0	179.0	0.38	<0.05	6.01	0.230	0.35	1.2
442783		2.5	2.1	<0.002	0.01	<0.05	61.2	1	0.2	65.3	<0.05	<0.05	0.33	0.188	0.09	0.1
442784		16.0	59.0	<0.002	0.01	0.16	8.1	1	1.2	164.0	0.42	0.09	8.31	0.243	0.37	1.3
442785		7.6	8.5	<0.002	0.03	0.23	38.6	1	0.6	70.5	0.26	0.15	1.48	0.644	0.08	0.3
442786		13.6	73.5	<0.002	0.01	0.15	9.0	1	1.0	168.5	0.45	0.05	5.14	0.274	0.32	1.1
442787		16.9	73.9	<0.002	0.01	0.19	8.8	1	1.0	210	0.62	0.05	6.11	0.300	0.37	1.3
442788		17.4	88.8	<0.002	0.02	0.17	9.8	1	1.3	207	0.49	0.07	10.80	0.278	0.49	1.5
442789		13.9	86.4	<0.002	0.01	0.12	9.1	1	1.2	165.5	0.42	0.08	11.40	0.254	0.48	1.8
442790		0.6	0.8	<0.002	<0.01	0.17	0.2	<1	0.5	1.5	0.06	<0.05	0.73	0.029	<0.02	0.1
442791		13.7	46.8	<0.002	0.01	0.09	6.5	<1	1.1	167.5	0.42	0.06	6.59	0.222	0.39	1.4
442792		14.0	58.1	<0.002	0.01	0.11	7.6	1	1.0	202	0.36	<0.05	6.27	0.229	0.30	1.1
442793		14.8	54.3	<0.002	0.03	0.15	11.9	1	1.1	224	0.48	<0.05	6.30	0.315	0.35	1.5
442794		16.1	99.7	<0.002	0.02	0.36	9.0	1	1.5	156.0	0.64	0.10	8.21	0.315	0.57	1.9
442795		12.3	67.9	<0.002	0.01	0.12	7.2	1	1.4	131.0	0.43	0.05	7.06	0.235	0.38	1.2
442796		14.5	59.1	<0.002	0.04	0.27	10.4	1	1.1	198.0	0.50	0.05	5.01	0.293	0.36	1.1
442797		14.0	71.3	<0.002	0.02	0.14	7.6	1	1.0	258	0.46	<0.05	5.56	0.252	0.41	1.1
442798		14.5	86.6	<0.002	0.01	0.12	7.7	1	1.1	285	0.56	<0.05	5.05	0.268	0.46	1.2
442799		13.9	76.6	<0.002	0.02	0.12	7.3	1	1.0	283	0.44	<0.05	4.45	0.241	0.41	1.0
442800		13.9	79.6	<0.002	0.01	0.12	6.9	1	1.0	275	0.46	<0.05	4.53	0.252	0.44	1.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167252

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442761		50	0.4	8.1	33	177.5
442762		60	0.5	11.3	43	161.0
442763		55	0.5	8.4	38	146.0
442764		52	0.5	8.7	37	151.5
442765		59	0.5	9.1	52	140.0
442766		69	0.6	12.6	55	135.0
442767		64	1.5	13.6	69	162.0
442768		69	0.6	9.3	44	225
442769		52	0.8	11.2	58	133.5
442770		50	0.5	12.9	55	125.5
442771		59	0.7	9.8	63	125.0
442772		51	0.4	7.1	36	166.5
442773		51	0.4	5.1	73	98.6
442774		67	2.1	6.8	55	143.5
442775		153	2.3	12.0	44	181.0
442776		53	0.9	10.4	53	215
442777		144	0.3	14.2	63	106.0
442778		92	1.8	39.9	107	356
442779		77	0.4	7.9	43	85.7
442780		55	0.7	10.2	81	135.0
442781		91	0.6	14.7	106	134.0
442782		62	0.5	7.2	57	142.0
442783		206	0.1	9.1	52	9.0
442784		65	0.8	8.0	76	159.0
442785		348	0.5	16.5	83	71.3
442786		76	0.7	6.3	65	144.5
442787		69	0.5	12.1	113	151.5
442788		82	0.7	10.1	71	137.0
442789		70	0.7	16.2	98	164.0
442790		2	0.2	0.7	3	8.2
442791		55	0.4	6.7	41	162.5
442792		56	0.5	7.7	64	147.5
442793		96	0.5	8.8	43	211
442794		102	1.1	8.2	59	145.0
442795		56	0.5	6.7	60	150.0
442796		89	0.6	6.9	36	134.0
442797		54	0.5	8.8	33	135.0
442798		54	0.6	8.2	33	142.0
442799		54	0.5	7.6	31	158.5
442800		55	0.5	7.5	28	138.5

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À: MINIÈRE OSISKO INC.
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Finalisée date: 7- SEPT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17167252

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167253

Projet: KAN

Bon de commande #: SOILKAN- 011

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

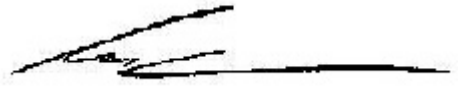
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167253

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442801		0.21	0.013	0.03	5.31	5.1	510	1.08	0.15	0.80	0.04	38.7	8.7	40	5.14	16.1
442802		0.22	<0.001	0.05	6.19	1.0	700	0.91	0.11	1.30	0.06	33.1	4.3	38	1.01	2.2
442803		0.17	<0.001	0.03	6.51	6.0	670	0.94	0.13	1.76	0.05	40.7	6.5	56	1.01	3.1
442804		0.14	<0.001	0.01	6.21	9.3	490	1.44	0.13	1.94	0.03	28.9	8.7	54	2.34	10.5
442805		0.14	<0.001	0.06	6.08	3.4	540	1.19	0.14	0.95	0.06	40.0	11.7	51	2.30	8.3
442806		0.19	<0.001	0.03	6.06	2.7	660	1.00	0.13	1.19	0.04	35.4	4.4	38	1.75	2.5
442807		0.19	<0.001	0.09	6.13	2.8	700	1.17	0.12	1.05	0.10	32.8	5.2	40	1.88	10.1
442808		0.17	<0.001	0.03	5.52	3.8	500	0.84	0.11	1.04	0.04	23.6	5.9	37	1.33	7.5
442809		0.27	<0.001	0.06	6.66	5.0	650	1.32	0.14	1.34	0.07	60.0	10.0	58	3.04	22.3
442810		0.15	<0.001	0.05	6.46	3.4	640	1.21	0.10	1.33	0.06	62.1	10.0	61	1.85	25.6
442811		0.21	<0.001	0.05	2.37	0.7	160	1.71	0.49	0.38	0.13	21.5	12.0	33	19.00	69.9
442812		0.15	<0.001	0.07	6.44	3.2	440	1.67	0.29	1.00	0.07	40.2	13.5	51	2.85	15.2
442813		0.19	<0.001	0.02	6.78	2.1	610	1.75	0.11	1.06	0.04	22.3	11.7	55	3.64	9.3
442814		0.17	<0.001	0.05	6.08	1.5	610	1.09	0.08	1.16	0.03	30.0	4.8	34	1.46	5.3
442815		0.07	0.022	0.12	8.36	13.2	190	0.82	0.33	0.18	0.03	37.4	30.0	558	3.87	376
442816		0.18	<0.001	0.05	7.32	3.4	660	1.40	0.10	1.15	0.07	54.8	9.5	72	2.12	10.9
442817		0.17	<0.001	0.06	6.94	2.9	650	1.26	0.12	1.01	0.09	35.5	8.0	60	2.53	7.3
442818		0.21	0.001	0.03	7.27	1.2	750	1.32	0.09	1.20	0.05	57.4	7.6	60	1.92	5.5
442819		0.11	<0.001	0.05	6.42	3.0	530	1.38	0.10	1.93	0.09	40.3	11.4	38	2.02	30.6
442820		0.16	<0.001	0.07	5.44	0.8	220	0.90	0.30	0.38	0.07	26.6	10.8	49	2.53	19.6
442821		0.20	<0.001	0.09	5.97	13.4	500	1.24	0.24	0.80	0.05	34.0	9.4	50	3.33	25.5
442822		0.18	<0.001	0.03	6.42	1.9	640	1.29	0.09	1.16	0.04	46.1	7.3	53	1.69	14.5
442823		0.19	<0.001	0.04	5.42	2.9	480	1.40	0.12	0.79	0.07	50.5	11.5	46	2.41	23.2
442824		0.12	<0.001	0.08	6.29	5.4	510	1.70	0.19	1.12	0.07	67.1	13.8	50	3.10	42.7
442825		0.14	0.002	0.08	4.10	17.4	340	1.54	0.33	0.46	0.20	47.6	9.9	35	5.43	43.5
442826		0.19	<0.001	0.10	5.18	7.1	310	1.66	0.19	0.87	0.11	35.3	15.3	44	2.73	15.6
442827		0.14	<0.001	0.11	4.97	6.3	470	1.27	0.58	0.55	0.09	29.3	8.3	46	3.54	23.0
442828		0.14	<0.001	0.07	5.52	3.9	490	1.35	0.22	0.74	0.10	43.8	9.6	39	2.22	26.5
442829		0.18	<0.001	0.13	6.27	7.7	560	1.82	0.25	0.75	0.28	54.4	14.6	52	3.44	19.6
442830		0.07	<0.001	0.01	0.10	1.0	<10	0.06	0.03	0.01	<0.02	2.38	0.4	6	0.11	4.9
442831		0.19	<0.001	0.14	6.88	4.6	670	1.45	0.13	1.02	0.10	46.5	9.1	61	2.37	9.6
442832		0.20	<0.001	0.09	6.83	4.8	700	1.45	0.10	1.13	0.05	50.1	7.2	50	2.28	7.4
442833		0.16	<0.001	0.17	5.67	4.0	610	1.31	0.13	0.94	0.10	38.2	7.3	47	2.33	16.2
442834		0.15	<0.001	0.09	6.92	7.7	740	1.68	0.21	0.76	0.09	35.8	12.2	52	3.29	17.3
442835		0.22	<0.001	0.15	3.00	80.8	240	1.44	0.31	0.20	0.09	15.90	3.7	38	1.18	37.8
442836		0.12	0.007	0.10	2.93	3.4	120	1.23	0.58	0.11	0.16	22.2	7.8	46	2.15	43.6
442837		0.19	<0.001	0.02	4.84	1.5	450	1.00	0.12	0.26	0.02	16.80	3.4	30	4.32	5.0
442838		0.15	<0.001	0.05	6.15	5.3	580	1.39	0.19	0.77	0.05	40.3	9.8	49	4.37	13.5
442839		0.16	<0.001	0.07	6.10	4.9	580	1.41	0.18	0.89	0.06	36.8	9.6	48	3.13	13.4
442840		0.18	<0.001	0.13	5.81	5.9	550	1.28	0.17	0.96	0.10	42.5	9.3	42	1.95	15.0

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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167253

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442801		8.45	13.00	0.11	4.6	0.032	1.68	18.5	15.4	0.64	1380	0.53	1.43	6.9	12.4	390
442802		2.61	16.25	0.14	4.7	0.024	2.19	15.3	6.1	0.45	264	0.34	2.39	6.8	9.7	300
442803		3.99	17.80	0.15	7.7	0.029	2.10	18.0	7.5	0.64	418	0.57	2.56	9.9	13.3	620
442804		3.76	18.50	0.12	4.1	0.030	1.60	14.2	14.3	1.32	661	0.69	1.86	7.7	15.5	130
442805		5.11	14.80	0.14	4.2	0.035	1.69	18.8	21.1	0.87	1550	0.96	1.63	6.6	18.0	300
442806		3.08	16.65	0.15	5.4	0.025	2.09	17.8	8.2	0.49	371	0.66	2.21	7.4	10.5	120
442807		2.25	14.60	0.16	4.4	0.030	2.27	15.9	8.9	0.48	860	0.46	1.94	6.0	14.8	180
442808		5.02	12.90	0.14	3.3	0.030	1.59	11.9	13.3	0.85	533	0.55	1.70	5.8	12.9	300
442809		4.86	14.50	0.18	4.2	0.032	2.25	31.1	22.4	0.96	789	1.02	1.99	6.7	29.1	700
442810		3.58	13.85	0.17	4.4	0.029	2.14	32.9	24.2	0.87	695	0.70	2.08	6.2	27.0	380
442811		19.05	5.87	0.13	0.9	0.021	0.76	11.9	28.3	1.21	3950	1.00	0.04	4.7	18.8	770
442812		4.23	15.30	0.12	4.0	0.040	1.41	17.3	34.3	1.89	1280	0.73	1.71	6.3	23.5	430
442813		4.38	19.20	0.12	3.3	0.033	1.54	11.5	28.3	2.26	1360	0.56	1.77	7.5	24.0	250
442814		2.47	13.70	0.16	2.6	0.017	2.02	14.1	12.0	0.50	295	0.39	2.31	5.0	11.4	300
442815		14.70	21.2	0.14	4.1	0.092	0.42	16.8	22.6	0.22	474	2.41	0.10	13.6	231	430
442816		4.29	16.50	0.14	4.7	0.035	2.06	28.0	27.3	0.95	384	0.69	2.01	6.8	24.1	590
442817		4.50	16.25	0.14	3.6	0.037	2.14	17.5	24.6	0.85	405	0.84	2.00	7.3	20.3	300
442818		3.36	17.40	0.17	5.1	0.034	2.32	29.4	21.2	0.82	348	0.56	2.17	6.1	19.4	710
442819		4.39	14.95	0.16	3.5	0.039	1.59	16.4	18.1	1.35	775	2.06	2.19	17.6	18.8	510
442820		4.89	13.95	0.15	2.8	0.030	0.88	14.9	28.8	3.73	487	1.07	1.76	8.6	22.6	400
442821		7.41	14.75	0.14	3.3	0.035	1.68	15.7	19.0	0.92	1520	2.94	1.65	7.2	17.4	380
442822		3.29	13.95	0.17	4.1	0.031	2.10	22.4	18.5	0.84	503	0.46	2.15	6.5	19.2	590
442823		9.77	12.30	0.14	3.1	0.036	1.48	24.6	25.3	0.99	1940	0.56	1.76	6.4	19.3	410
442824		4.99	16.10	0.15	4.3	0.042	1.51	39.3	33.2	2.14	1400	1.00	1.61	9.9	28.0	340
442825		12.70	9.93	0.17	2.5	0.047	0.94	24.6	28.6	1.38	6770	1.73	0.80	6.0	21.5	590
442826		5.14	13.45	0.13	3.0	0.043	0.73	11.9	36.1	3.08	5420	2.39	1.16	11.7	21.9	520
442827		6.72	16.15	0.14	3.6	0.049	1.62	12.7	20.0	1.49	1760	2.61	1.04	11.2	15.1	510
442828		5.09	12.10	0.15	3.1	0.031	1.47	18.7	21.5	1.34	2100	0.87	1.60	5.9	17.8	310
442829		6.07	15.30	0.14	3.8	0.039	1.69	18.6	31.3	1.43	2680	1.63	1.43	8.6	22.6	520
442830		0.35	0.29	0.10	0.3	<0.005	0.01	1.1	15.4	0.01	37	0.70	<0.01	1.0	2.9	10
442831		4.69	17.00	0.16	5.1	0.038	2.14	22.7	26.0	0.97	526	1.05	1.95	7.1	21.8	410
442832		3.45	17.10	0.17	4.4	0.040	2.13	24.6	22.8	0.83	380	0.58	2.03	8.6	16.5	430
442833		5.65	14.45	0.16	4.3	0.031	1.82	19.0	19.9	0.72	1000	0.97	1.67	5.8	15.8	340
442834		7.03	17.50	0.14	3.7	0.048	1.80	17.3	49.7	1.22	1240	1.10	1.29	8.4	20.7	360
442835		15.25	9.37	0.12	1.6	0.035	0.86	9.4	11.3	0.40	944	4.27	0.21	5.2	11.1	1080
442836		25.9	7.43	0.19	1.3	0.039	0.19	12.1	15.5	0.89	2370	0.71	0.12	5.5	18.1	2090
442837		3.03	12.20	0.10	5.8	0.026	2.01	6.7	15.0	0.44	172	1.18	0.69	5.7	7.0	300
442838		7.09	14.80	0.14	3.6	0.032	1.87	19.2	24.7	0.88	1380	1.32	1.84	6.7	18.1	260
442839		5.23	14.55	0.15	4.4	0.037	1.93	18.5	27.0	0.79	692	1.31	1.74	6.8	16.6	320
442840		6.00	12.70	0.15	3.8	0.023	1.76	19.1	19.2	0.63	973	1.15	1.82	6.0	15.5	510

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167253

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442801		14.4	84.7	<0.002	0.01	0.21	6.1	<1	1.1	169.5	0.49	0.06	5.10	0.261	0.54	1.1
442802		13.9	75.4	<0.002	0.01	0.12	5.8	<1	1.0	304	0.52	<0.05	3.78	0.266	0.38	0.8
442803		14.5	74.9	<0.002	0.01	0.14	8.0	<1	1.3	338	0.79	<0.05	4.08	0.350	0.37	1.2
442804		13.7	69.7	<0.002	0.01	0.18	8.0	<1	1.5	218	0.58	0.12	4.41	0.309	0.38	1.0
442805		15.1	71.1	<0.002	0.01	0.19	7.3	1	1.1	201	0.48	<0.05	6.76	0.251	0.40	1.6
442806		14.4	80.8	<0.002	0.01	0.19	6.7	<1	1.1	274	0.54	<0.05	3.55	0.311	0.42	1.0
442807		14.2	89.7	<0.002	0.01	0.17	6.9	<1	1.1	244	0.46	<0.05	4.93	0.258	0.47	1.0
442808		11.1	58.1	<0.002	0.01	0.21	6.1	<1	0.9	210	0.43	0.06	3.61	0.215	0.37	1.0
442809		14.7	99.5	<0.002	0.02	0.23	8.6	<1	1.0	244	0.56	0.05	8.90	0.268	0.52	1.8
442810		13.6	86.7	<0.002	0.01	0.24	8.3	1	0.9	255	0.49	0.05	6.04	0.249	0.44	1.4
442811		23.5	82.9	<0.002	0.02	0.31	3.2	2	0.9	28.2	0.30	0.47	4.51	0.112	0.88	1.4
442812		22.3	64.5	<0.002	0.02	0.18	7.9	1	1.0	187.0	0.45	0.19	7.07	0.253	0.32	1.2
442813		16.1	71.5	<0.002	0.01	0.15	9.3	1	1.2	177.0	0.53	0.05	5.70	0.312	0.32	0.9
442814		12.0	79.4	<0.002	0.01	0.15	5.8	<1	0.7	283	0.39	0.05	3.34	0.190	0.38	0.7
442815		20.0	41.4	<0.002	0.05	0.89	50.8	4	2.6	32.0	1.03	0.12	14.20	0.749	0.26	2.5
442816		18.3	78.0	<0.002	0.01	0.18	9.0	1	1.1	270	0.48	<0.05	8.89	0.266	0.42	1.3
442817		15.7	90.8	<0.002	0.01	0.23	8.0	<1	1.1	253	0.51	<0.05	5.14	0.274	0.44	1.0
442818		17.0	86.1	<0.002	0.01	0.13	8.4	<1	1.0	303	0.43	<0.05	8.54	0.254	0.44	1.2
442819		12.5	58.0	<0.002	0.01	0.22	8.5	<1	1.1	323	1.16	<0.05	3.97	0.556	0.30	1.0
442820		9.2	41.5	<0.002	0.05	0.16	6.7	1	1.3	53.9	0.65	0.14	6.47	0.260	0.25	1.6
442821		15.0	89.0	<0.002	0.01	0.26	7.0	1	1.0	181.0	0.53	0.12	6.78	0.272	0.41	1.1
442822		12.5	81.2	<0.002	0.01	0.15	7.4	<1	0.9	258	0.44	<0.05	5.55	0.242	0.42	1.0
442823		12.0	64.7	<0.002	0.01	0.18	6.6	<1	1.0	178.0	0.46	0.09	6.19	0.205	0.38	1.0
442824		15.2	76.1	<0.002	0.01	0.21	9.0	<1	1.1	178.0	0.67	0.08	8.89	0.323	0.45	1.5
442825		14.7	102.0	<0.002	0.03	0.30	6.2	2	1.1	87.4	0.41	0.20	6.72	0.171	0.58	1.5
442826		19.3	48.1	<0.002	0.01	0.21	7.1	<1	1.0	104.5	0.75	0.21	6.20	0.371	0.25	1.4
442827		24.1	92.0	<0.002	0.17	0.41	7.5	2	1.4	117.5	0.72	0.26	6.67	0.331	0.47	1.6
442828		13.8	74.3	<0.002	0.01	0.19	6.2	1	0.8	176.0	0.49	0.10	6.63	0.215	0.34	1.1
442829		16.6	118.5	<0.002	0.02	0.24	8.5	1	1.3	173.5	0.59	0.13	8.22	0.280	0.53	1.4
442830		0.7	0.5	<0.002	<0.01	0.22	0.2	1	0.5	0.8	0.06	<0.05	0.72	0.029	<0.02	0.2
442831		15.8	92.2	<0.002	0.01	0.20	8.8	<1	1.1	258	0.49	<0.05	6.99	0.260	0.46	1.2
442832		15.2	96.7	<0.002	0.01	0.14	8.4	1	1.1	271	0.58	<0.05	5.95	0.288	0.51	1.2
442833		13.7	93.3	<0.002	0.02	0.23	7.1	1	0.9	223	0.38	<0.05	5.73	0.216	0.44	1.2
442834		15.3	77.8	<0.002	0.02	0.22	8.6	1	1.5	167.5	0.59	0.09	7.47	0.281	0.49	1.4
442835		13.6	30.4	<0.002	0.04	0.83	4.8	1	1.2	37.4	0.37	0.26	4.28	0.146	0.36	1.7
442836		10.1	22.2	<0.002	0.03	0.17	3.6	3	1.1	19.0	0.37	0.33	4.56	0.126	0.30	1.4
442837		18.4	87.8	<0.002	0.01	0.16	5.2	1	0.9	73.2	0.44	<0.05	6.42	0.214	0.40	1.3
442838		13.2	100.5	<0.002	0.01	0.23	7.5	1	1.2	204	0.46	0.07	6.78	0.222	0.44	1.3
442839		14.0	103.5	<0.002	0.01	0.22	7.4	1	1.1	211	0.49	0.08	5.55	0.242	0.50	1.2
442840		12.5	79.6	<0.002	0.01	0.25	6.4	1	1.0	230	0.45	0.08	4.55	0.209	0.38	1.0

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167253

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442801		55	0.5	7.4	40	170.5
442802		60	0.4	6.5	21	177.0
442803		98	0.5	10.2	30	285
442804		77	0.5	8.9	26	151.0
442805		65	0.6	7.5	51	157.0
442806		75	0.7	7.1	23	200
442807		49	0.7	6.4	26	160.5
442808		49	0.4	6.0	39	123.5
442809		61	0.6	12.8	60	155.0
442810		56	0.5	10.9	43	160.0
442811		39	0.2	7.6	62	31.5
442812		55	0.6	9.6	58	142.5
442813		67	0.7	7.5	57	123.5
442814		41	0.4	6.3	24	97.6
442815		226	1.6	10.6	44	147.5
442816		68	0.5	10.1	48	167.5
442817		69	0.6	7.3	45	131.5
442818		64	0.5	9.0	43	185.5
442819		100	0.7	10.0	52	141.0
442820		52	0.2	12.8	60	113.0
442821		68	0.7	6.7	61	127.0
442822		53	0.5	9.2	37	152.5
442823		48	0.4	7.9	48	119.0
442824		72	0.8	12.1	63	160.5
442825		45	0.9	11.2	65	90.0
442826		87	0.7	10.7	92	117.0
442827		82	1.3	7.5	56	133.0
442828		46	0.6	7.2	63	116.0
442829		68	0.9	8.0	95	143.0
442830		3	0.2	0.7	3	8.7
442831		66	0.6	8.2	56	183.0
442832		65	0.6	9.1	48	159.5
442833		54	0.5	7.2	62	163.0
442834		65	1.5	8.5	97	138.5
442835		85	1.9	7.3	39	58.7
442836		71	0.6	7.8	65	49.0
442837		38	0.8	6.0	28	212
442838		55	0.6	6.9	49	134.5
442839		57	0.7	7.0	67	165.5
442840		49	0.4	8.9	48	142.0

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167253

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167255

Projet: KAN

Bon de commande #: SOILKAN- 012

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

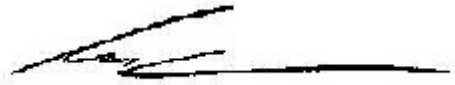
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17167255

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442841		0.17	<0.001	0.04	6.34	5.4	520	1.66	0.25	0.78	0.05	63.7	11.8	47	5.52	32.7
442842		0.19	<0.001	0.07	7.18	2.6	680	1.56	0.12	1.20	0.07	63.4	10.3	63	2.53	13.9
442843		0.16	<0.001	0.04	1.93	2.7	110	0.62	0.10	0.13	0.08	48.6	8.6	21	3.52	11.4
442844		0.15	<0.001	0.07	5.14	1.2	730	1.65	0.53	0.28	0.09	22.3	6.8	37	8.04	15.6
442845		0.18	<0.001	0.01	6.88	2.2	790	1.75	1.18	0.17	0.03	7.52	5.2	50	7.01	14.1
442846		0.19	<0.001	0.03	7.32	1.7	980	1.57	0.17	0.70	0.02	36.9	4.9	54	4.85	5.7
442847		0.16	0.002	0.05	9.31	0.6	1300	2.15	0.17	0.21	0.02	20.6	4.3	64	4.75	16.6
442848		0.20	<0.001	0.03	5.42	4.9	460	1.32	0.28	0.75	0.08	37.2	14.1	48	4.48	23.2
442849		0.21	0.011	0.02	5.81	5.2	540	1.37	0.18	0.73	0.05	37.4	7.6	53	4.80	8.8
442850		0.21	<0.001	0.07	7.30	4.0	680	1.45	0.11	1.23	0.07	60.7	10.6	64	2.39	9.8
442851		0.20	<0.001	0.06	6.37	3.6	620	1.42	0.12	1.03	0.05	36.6	6.6	50	1.86	10.4
442852		0.25	<0.001	0.04	6.43	2.8	660	1.22	0.11	1.40	0.05	49.1	8.0	45	1.68	26.6
442853		0.17	<0.001	0.04	6.04	5.9	600	1.24	0.10	1.31	0.08	62.6	8.3	47	1.37	91.3
442854		0.19	<0.001	0.04	6.43	5.8	590	1.24	0.09	1.25	0.07	43.7	7.5	44	1.13	12.3
442855		0.07	<0.001	0.04	9.12	9.5	150	0.88	0.34	0.30	0.05	49.6	7.4	112	6.12	30.9
442856		0.15	<0.001	0.04	6.00	16.6	530	0.84	0.11	1.98	0.05	25.4	9.7	98	1.29	5.6
442857		0.25	<0.001	0.04	6.41	5.2	560	1.32	0.15	1.39	0.05	68.2	9.0	60	2.10	9.7
442858		0.26	<0.001	0.04	6.31	4.6	630	1.13	0.10	1.33	0.09	43.2	6.9	38	1.26	11.4
442859		0.21	<0.001	0.04	6.34	3.0	670	1.06	0.12	1.22	0.04	25.8	5.0	39	1.50	4.3
442860		0.30	<0.001	0.04	6.50	4.4	650	1.24	0.13	1.21	0.07	36.0	6.8	45	1.80	8.7
442861		0.27	<0.001	0.10	6.23	7.7	590	1.59	0.21	1.13	0.12	54.9	12.3	59	3.40	34.3
442862		0.19	0.004	0.11	6.73	3.6	680	1.45	0.15	1.18	0.19	67.1	13.7	56	2.92	22.4
442863		0.29	0.001	0.11	6.39	37.5	620	1.51	0.18	1.47	0.10	56.6	10.0	60	2.95	41.5
442864		0.20	<0.001	0.03	5.39	17.0	450	1.47	0.31	1.25	0.10	50.6	13.2	99	4.48	23.9
442865		0.17	<0.001	0.10	5.03	11.8	240	1.10	0.21	1.96	0.14	160.0	63.7	1440	13.85	104.5
442866		0.30	0.003	0.17	4.37	0.9	360	2.97	0.95	0.05	0.19	98.5	11.9	48	27.2	74.9
442867		0.26	<0.001	0.10	6.85	4.3	630	1.43	0.12	0.93	0.07	39.7	8.4	53	2.31	13.8
442868		0.14	<0.001	0.02	6.00	4.7	650	1.24	0.13	0.99	0.03	35.5	4.4	35	1.99	2.9
442869		0.13	<0.001	0.03	6.17	3.2	600	1.20	0.08	1.13	0.04	27.6	5.1	32	1.34	11.4
442870		0.07	<0.001	<0.01	0.10	1.2	<10	0.07	0.02	0.01	<0.02	2.68	0.4	5	0.10	4.8
442871		0.15	<0.001	0.05	6.31	3.6	570	1.33	0.15	1.19	0.05	40.9	7.6	40	1.47	23.7
442872		0.10	<0.001	0.05	4.53	1.9	310	0.89	0.50	0.39	0.08	17.25	6.3	32	1.81	33.1
442873		0.16	<0.001	0.06	6.84	3.1	670	1.51	0.09	1.30	0.05	56.6	7.4	48	1.39	20.7
442874		0.16	<0.001	0.04	6.21	3.8	590	1.23	0.11	1.76	0.10	39.3	9.5	89	1.62	12.6
442875		0.12	<0.001	0.03	8.01	8.7	460	1.27	0.15	3.00	0.12	26.7	7.2	35	1.14	13.1
442876		0.11	0.002	0.04	7.20	10.8	870	1.66	0.12	0.59	0.06	63.5	13.7	47	3.67	10.9
442877		0.12	<0.001	0.03	7.33	26.6	580	1.05	0.09	2.05	0.14	48.0	49.2	34	10.00	128.0
442878		0.13	<0.001	0.24	6.21	4.9	680	1.81	0.14	1.27	0.22	35.7	10.9	54	2.01	26.2
442879		0.20	<0.001	<0.01	7.54	9.4	920	1.12	0.02	2.22	0.09	120.5	75.0	43	7.33	63.2
442880		0.11	<0.001	0.03	6.61	3.5	420	1.62	0.11	2.40	0.10	47.0	12.2	22	2.28	18.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167255

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442841		5.79	15.80	0.15	4.4	0.037	1.91	25.5	26.6	0.97	1760	0.88	1.61	7.9	24.4	360
442842		4.00	17.20	0.16	4.9	0.037	2.15	31.0	28.2	1.04	486	0.53	2.12	7.1	25.1	370
442843		22.8	9.62	0.15	1.4	0.019	0.28	23.8	4.0	0.27	2750	0.95	0.99	4.8	7.8	540
442844		6.02	17.55	0.11	4.9	0.033	1.79	8.1	33.4	0.54	999	4.20	1.41	8.3	8.5	200
442845		5.25	20.1	0.13	4.0	0.043	2.57	5.4	39.8	1.22	728	1.73	1.25	9.5	15.0	170
442846		3.06	21.8	0.14	5.9	0.042	3.04	18.5	19.5	0.69	568	0.69	1.56	10.0	11.6	270
442847		2.37	27.7	0.15	6.6	0.067	3.47	11.1	22.7	0.51	931	0.59	1.64	14.1	17.0	330
442848		9.16	13.40	0.13	4.0	0.036	1.65	16.7	27.7	0.82	1980	1.98	1.51	6.5	18.5	440
442849		7.87	16.50	0.15	3.7	0.045	1.98	17.4	25.8	0.83	1050	1.51	1.37	7.8	14.2	430
442850		4.43	16.85	0.19	5.3	0.036	2.19	30.6	31.4	1.05	457	0.64	2.13	6.7	23.9	490
442851		4.97	15.75	0.13	4.4	0.030	2.04	17.8	15.1	0.69	437	0.63	1.98	8.1	15.8	560
442852		3.04	13.70	0.18	4.1	0.029	2.13	24.0	15.3	0.72	536	0.45	2.17	6.5	18.9	740
442853		3.51	13.20	0.20	5.5	0.029	1.96	32.9	16.1	0.65	449	0.46	2.04	8.7	20.4	520
442854		2.90	12.75	0.21	4.0	0.027	1.92	20.2	15.7	0.62	382	0.31	2.15	7.1	18.1	560
442855		6.43	24.8	0.16	4.6	0.082	0.46	22.3	36.4	0.30	468	2.38	0.13	21.7	43.2	500
442856		3.57	15.95	0.15	4.0	0.020	1.69	12.5	8.2	1.28	399	1.18	1.95	6.0	26.1	160
442857		4.76	14.95	0.18	4.5	0.035	1.86	34.3	21.3	0.84	588	1.02	2.07	7.6	18.9	590
442858		2.72	13.45	0.18	3.9	0.020	2.00	16.8	11.3	0.55	389	0.44	2.32	5.5	15.9	540
442859		3.10	15.65	0.16	4.1	0.025	2.17	13.0	9.9	0.54	309	0.52	2.26	6.1	11.7	200
442860		3.37	14.80	0.20	4.4	0.027	2.12	17.2	14.9	0.64	392	0.47	2.16	6.2	14.6	300
442861		4.88	14.05	0.18	4.0	0.033	2.06	30.8	40.6	1.02	1030	1.32	1.56	6.1	29.4	510
442862		3.47	15.80	0.20	3.1	0.036	2.07	34.8	24.3	0.92	1340	0.61	1.89	6.1	28.1	570
442863		4.28	14.00	0.19	3.6	0.035	2.01	31.9	26.8	0.94	790	1.02	1.89	6.1	24.8	1070
442864		7.98	12.35	0.14	2.9	0.033	1.21	22.5	40.3	1.62	1560	1.56	1.29	6.1	25.7	240
442865		7.82	16.00	0.26	2.9	0.054	1.11	127.0	57.2	4.36	1590	0.48	0.20	3.5	485	1160
442866		17.85	12.35	0.21	1.7	0.041	0.90	61.7	54.5	1.74	2360	0.60	0.22	9.1	34.3	240
442867		4.17	15.60	0.15	3.9	0.038	2.09	18.9	23.1	0.75	416	0.57	1.85	7.4	20.1	410
442868		2.34	18.05	0.15	4.9	0.027	2.15	16.6	9.7	0.50	393	0.80	1.95	7.9	9.2	130
442869		2.54	13.40	0.14	3.1	0.028	1.91	12.8	14.2	0.56	330	0.42	2.19	6.1	12.3	330
442870		0.34	0.30	<0.05	0.3	<0.005	0.01	1.3	15.8	<0.01	31	0.66	<0.01	1.0	2.9	10
442871		3.50	14.20	0.16	3.8	0.030	1.79	20.4	13.4	0.86	483	0.62	2.10	6.2	15.3	440
442872		14.40	16.30	0.14	2.9	0.048	0.89	8.2	8.4	0.94	1410	1.56	0.82	8.3	13.0	790
442873		2.84	14.50	0.18	4.1	0.026	2.12	23.3	16.6	0.68	335	0.34	2.38	6.7	19.0	380
442874		3.95	18.25	0.18	6.7	0.031	1.88	16.8	11.4	1.02	455	0.60	2.14	13.5	32.7	440
442875		2.52	20.5	0.16	4.0	0.051	1.12	12.3	9.0	0.74	336	0.74	3.03	8.1	14.0	330
442876		5.39	23.3	0.17	5.1	0.052	2.54	33.9	23.0	0.96	1960	0.47	1.12	10.3	21.9	300
442877		10.90	23.1	0.27	2.7	0.060	0.93	17.7	31.2	2.51	834	1.39	1.55	53.3	73.2	1070
442878		4.14	16.25	0.15	3.0	0.035	1.33	17.0	22.0	1.35	618	3.58	2.07	11.5	21.9	410
442879		13.15	27.8	0.21	4.6	0.077	1.11	53.0	57.8	3.59	2460	1.11	1.45	94.2	70.5	2130
442880		5.71	26.7	0.19	6.3	0.068	1.08	21.8	5.1	0.80	669	2.95	2.70	61.3	9.0	410

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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167255

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442841		20.4	113.5	<0.002	0.01	0.17	8.2	1	1.4	172.0	0.58	0.07	8.44	0.258	0.58	1.5
442842		15.9	94.3	<0.002	0.01	0.17	9.4	1	1.1	268	0.47	<0.05	7.45	0.267	0.49	1.3
442843		7.4	53.7	<0.002	0.01	0.17	1.7	1	1.1	27.9	0.34	0.05	5.92	0.108	0.15	0.8
442844		46.3	71.4	<0.002	0.02	0.24	7.1	1	1.4	83.1	0.55	0.30	6.93	0.315	0.25	1.8
442845		14.9	96.7	<0.002	0.01	0.25	10.0	1	1.7	65.9	0.60	1.10	6.12	0.336	0.31	1.2
442846		16.4	127.0	<0.002	0.01	0.22	10.4	1	1.7	193.5	0.67	0.05	9.19	0.376	0.52	1.4
442847		19.4	143.5	<0.002	0.01	0.14	14.2	<1	2.3	161.0	0.96	0.05	10.55	0.478	0.68	1.4
442848		16.8	72.3	<0.002	0.02	0.28	6.2	1	1.1	167.0	0.46	0.10	6.79	0.226	0.38	1.3
442849		13.5	149.5	<0.002	0.01	0.29	8.1	<1	1.4	161.5	0.57	0.07	6.68	0.270	0.52	1.5
442850		17.2	92.4	<0.002	0.01	0.15	9.6	1	1.0	283	0.48	<0.05	9.94	0.261	0.47	1.4
442851		14.1	79.8	<0.002	0.01	0.17	7.7	1	0.9	233	0.59	0.05	4.48	0.300	0.42	0.9
442852		12.5	82.4	<0.002	0.01	0.16	8.4	1	0.9	265	0.46	<0.05	6.07	0.268	0.40	1.3
442853		12.7	77.1	<0.002	0.01	0.20	9.7	1	0.9	237	0.61	<0.05	6.70	0.382	0.35	1.3
442854		12.6	69.7	<0.002	0.01	0.17	7.9	1	0.7	256	0.56	<0.05	4.66	0.249	0.39	0.9
442855		23.2	60.6	<0.002	0.05	0.67	13.9	4	3.8	47.2	1.57	<0.05	15.20	0.980	0.34	2.7
442856		11.1	66.9	<0.002	0.01	0.24	12.5	1	0.9	233	0.43	<0.05	3.84	0.322	0.30	0.7
442857		14.5	78.2	<0.002	0.01	0.21	8.8	2	1.1	263	0.86	<0.05	11.10	0.270	0.37	1.9
442858		13.4	75.8	<0.002	0.01	0.17	6.6	1	0.8	292	0.41	<0.05	4.76	0.206	0.38	1.0
442859		12.9	82.7	<0.002	0.01	0.14	6.7	1	0.9	286	0.47	<0.05	3.09	0.241	0.38	0.8
442860		13.6	81.6	<0.002	0.01	0.14	7.5	<1	0.9	271	0.46	<0.05	4.62	0.258	0.40	1.0
442861		18.6	102.5	0.002	0.02	0.34	8.4	1	0.9	184.5	0.46	<0.05	10.20	0.258	0.49	2.0
442862		14.0	103.5	<0.002	0.03	0.22	9.2	1	1.0	240	0.46	<0.05	8.07	0.244	0.49	1.6
442863		16.3	105.0	<0.002	0.03	0.26	9.3	1	0.9	242	0.45	0.07	8.76	0.248	0.47	2.4
442864		14.6	79.8	<0.002	0.01	0.24	8.6	1	1.2	142.0	0.57	0.15	8.58	0.222	0.35	2.2
442865		15.1	73.6	<0.002	0.10	0.23	28.4	3	0.7	89.7	0.23	0.07	3.77	0.550	0.61	2.9
442866		45.4	126.5	<0.002	0.04	0.27	6.8	2	2.5	21.2	0.58	0.42	13.60	0.205	1.29	2.2
442867		14.7	85.5	<0.002	0.01	0.23	8.9	1	1.0	219	0.51	<0.05	5.82	0.290	0.41	1.0
442868		14.2	86.8	<0.002	0.01	0.17	7.9	1	1.2	236	0.56	<0.05	5.09	0.343	0.48	1.0
442869		11.8	71.3	<0.002	0.01	0.13	6.4	1	0.7	262	0.45	<0.05	3.39	0.240	0.38	0.8
442870		0.5	0.4	<0.002	<0.01	0.21	0.2	<1	0.5	0.7	0.05	<0.05	0.80	0.030	<0.02	0.2
442871		18.2	69.0	<0.002	0.01	0.16	7.8	1	0.9	253	0.43	0.05	4.40	0.267	0.36	0.9
442872		13.2	43.6	<0.002	0.03	0.36	6.0	1	2.2	103.0	0.61	0.19	4.91	0.282	0.26	1.3
442873		13.6	80.8	<0.002	0.01	0.14	8.1	1	0.9	294	0.48	<0.05	6.23	0.252	0.42	1.0
442874		12.5	79.5	<0.002	0.01	0.16	9.1	1	1.6	293	0.67	<0.05	3.33	0.546	0.45	0.9
442875		13.5	45.9	<0.002	0.01	0.20	14.8	1	1.0	309	0.61	0.09	3.30	0.282	0.21	0.8
442876		14.7	108.0	<0.002	0.01	0.29	10.9	1	1.7	104.5	0.70	0.06	10.85	0.402	0.46	1.0
442877		13.3	83.7	<0.002	0.02	0.21	20.7	2	1.6	453	3.11	0.06	2.51	1.825	0.35	0.9
442878		16.5	50.4	<0.002	0.07	0.48	9.4	2	1.1	238	0.72	0.20	5.48	0.401	0.30	1.4
442879		5.5	55.3	<0.002	0.01	0.10	24.8	2	1.4	430	4.84	0.05	4.79	3.45	0.24	1.3
442880		13.9	40.1	<0.002	0.02	0.28	13.4	1	2.6	486	3.74	0.05	4.24	1.660	0.20	1.4

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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167255

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442841		57	0.7	9.6	51	161.0
442842		65	0.5	10.6	50	173.5
442843		30	0.2	3.8	29	51.4
442844		75	1.7	5.2	28	182.5
442845		73	1.6	5.4	40	149.5
442846		84	1.4	7.8	30	218
442847		62	3.2	7.4	21	238
442848		63	0.6	6.5	54	149.0
442849		77	1.1	7.7	99	143.5
442850		66	0.5	10.7	49	193.0
442851		66	0.6	7.0	37	162.0
442852		56	0.5	10.8	36	157.0
442853		58	0.5	14.2	37	203
442854		50	0.4	9.2	31	147.0
442855		152	2.2	12.0	45	177.0
442856		111	0.6	6.3	29	153.5
442857		75	0.5	11.3	57	164.0
442858		48	0.4	8.6	36	142.5
442859		57	0.5	6.1	27	154.0
442860		54	0.5	7.6	36	164.5
442861		58	0.7	10.9	70	142.0
442862		59	0.5	11.7	74	109.5
442863		58	0.6	13.1	77	128.0
442864		53	0.5	8.2	66	105.0
442865		211	0.4	29.5	102	106.5
442866		62	0.3	14.2	71	59.3
442867		63	0.6	7.8	49	139.5
442868		64	0.7	7.2	22	175.0
442869		46	0.3	6.5	26	112.0
442870		2	0.2	0.6	3	8.9
442871		54	0.4	9.4	37	143.0
442872		96	0.6	4.4	80	102.5
442873		52	0.4	8.4	32	147.0
442874		115	0.6	9.0	40	251
442875		110	0.4	19.8	30	138.0
442876		89	1.8	7.5	70	185.5
442877		427	2.5	14.8	128	121.5
442878		123	1.2	10.6	52	110.5
442879		463	1.8	19.7	159	191.0
442880		225	1.9	12.2	46	285

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167255

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: ME- MS61

L'analyse des terres rares peut être partiellement soluble avec cette méthode.

ADRESSE DE LABORATOIRE

Applique à la Méthode: LOG- 22 LOG- 23 SCR- 41 WEI- 21

Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada

Applique à la Méthode: Au- ICP21 ME- MS61

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167258

Projet: KAN

Bon de commande #: SOILKAN- 013

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

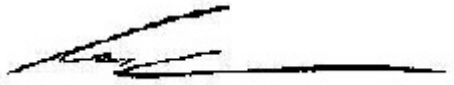
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167258

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442881		0.17	<0.001	0.04	7.48	5.2	200	2.01	0.05	1.60	0.05	60.6	22.8	6	1.76	25.5
442882		0.14	<0.001	0.03	6.85	3.0	950	3.14	0.06	2.69	0.07	145.0	20.4	11	8.84	10.8
442883		0.16	<0.001	0.05	6.83	3.7	650	1.28	0.08	1.28	0.08	43.5	7.4	52	1.34	21.7
442884		0.22	<0.001	0.02	6.07	3.0	650	1.12	0.11	1.14	0.04	31.4	4.9	43	1.50	4.4
442885		0.22	<0.001	0.05	6.74	4.1	620	1.52	0.11	1.15	0.05	42.9	8.0	49	1.68	15.3
442886		0.15	<0.001	0.06	6.09	3.7	600	1.19	0.20	0.89	0.07	43.3	5.3	43	1.54	5.9
442887		0.20	<0.001	0.02	6.16	3.5	640	1.29	0.10	1.24	0.05	35.2	5.4	41	1.40	10.0
442888		0.18	<0.001	0.02	6.50	3.8	630	1.36	0.13	1.11	0.06	43.1	7.0	54	1.95	8.0
442889		0.17	<0.001	0.04	6.07	7.6	640	1.12	0.15	1.10	0.05	33.7	6.1	47	1.78	4.9
442890		0.19	0.001	0.02	6.74	5.2	690	1.39	0.12	1.31	0.05	36.8	7.6	57	1.62	16.5
442891		0.19	0.001	0.08	6.80	12.5	640	1.39	0.11	1.48	0.11	63.0	17.0	75	1.41	53.1
442892		0.16	0.001	0.05	6.50	4.5	700	1.21	0.10	1.32	0.13	32.3	6.2	47	1.13	8.7
442893		0.14	<0.001	0.09	6.22	7.4	650	1.31	0.14	1.17	0.19	44.5	6.3	49	1.83	29.4
442894		0.23	<0.001	0.02	6.91	4.4	660	1.37	0.10	1.31	0.10	40.8	8.6	50	1.32	16.1
442895		0.07	0.022	0.14	8.34	13.6	190	0.81	0.34	0.19	0.03	38.5	30.7	567	3.91	372
442896		0.20	<0.001	0.09	6.29	6.1	620	1.13	0.12	1.33	0.14	35.3	8.5	49	1.55	16.8
442897		0.22	<0.001	0.04	6.54	5.4	690	1.01	0.11	1.29	0.09	33.1	5.3	45	1.31	8.6
442898		0.22	<0.001	0.04	6.78	3.3	740	1.26	0.08	1.61	0.08	66.1	7.4	43	1.18	19.5
442899		0.20	<0.001	0.06	6.15	6.0	680	1.02	0.13	1.08	0.14	42.2	5.6	45	1.61	11.2
442900		0.26	0.006	0.06	6.61	4.4	710	1.26	0.09	1.42	0.12	48.2	8.9	41	1.55	18.5
442951		0.13	<0.001	0.03	8.11	4.5	220	0.88	0.07	0.52	0.13	5.28	49.9	512	2.69	55.4
442952		0.15	0.001	0.03	9.09	0.6	1240	2.02	0.10	0.26	0.09	35.0	12.6	61	6.82	2.8
442953		0.26	<0.001	0.08	4.14	8.2	260	2.05	0.22	0.44	0.09	58.6	16.1	33	9.13	28.1
442954		0.24	<0.001	0.05	6.45	5.7	630	1.34	0.14	0.88	0.05	32.1	7.4	46	3.32	13.8
442955		0.20	0.003	0.20	5.30	11.7	470	1.49	0.42	0.53	0.14	35.0	12.8	44	4.51	42.6
442956		0.23	0.001	0.16	6.19	16.1	570	1.64	0.35	0.63	0.12	41.6	13.8	59	4.56	21.9
442957		0.27	0.005	0.04	6.26	3.6	570	1.65	0.12	0.41	0.06	42.6	10.1	57	3.11	19.5
442958		0.22	0.002	0.50	4.66	2.0	210	1.26	1.63	0.13	0.27	48.3	20.9	45	1.91	54.7
442959		0.23	0.002	0.10	4.18	3.9	220	0.83	0.11	0.49	0.08	19.40	9.1	35	1.10	10.9
442960		0.07	<0.001	0.01	0.11	0.3	<10	0.06	0.01	0.01	<0.02	2.60	0.5	6	0.10	4.6
442961		0.24	<0.001	0.04	6.84	4.6	600	1.27	0.13	1.07	0.06	66.8	7.6	69	2.26	8.6
442962		0.26	<0.001	0.13	5.94	1.9	480	1.33	0.20	0.70	0.13	27.9	8.6	48	4.49	9.1
442963		0.33	<0.001	0.02	6.78	2.1	700	1.29	0.07	1.24	0.03	37.2	4.9	38	1.56	4.8
442964		0.25	<0.001	0.03	6.81	4.2	640	1.31	0.08	1.15	0.05	44.9	5.9	47	1.45	6.3
442965		0.25	<0.001	0.11	6.23	6.9	500	1.31	0.14	1.17	0.07	26.0	7.9	47	2.23	18.5
442966		0.23	<0.001	0.08	6.92	10.0	620	1.38	0.17	1.51	0.07	71.4	30.1	58	1.82	26.8
442967		0.37	0.001	0.05	6.37	1.7	660	1.28	0.09	2.74	0.06	72.5	12.2	58	2.22	21.3
442968		0.34	<0.001	0.05	6.95	1.9	710	1.39	0.08	1.35	0.03	61.9	8.8	59	1.73	17.6
442969		0.17	<0.001	0.04	6.63	1.5	340	1.29	0.05	0.83	0.04	43.7	13.2	46	1.84	12.4
442970		0.17	<0.001	0.07	7.08	2.7	710	1.29	0.07	1.29	0.06	57.0	8.2	57	1.88	9.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167258

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442881		11.15	26.5	0.18	4.3	0.074	0.36	29.6	36.3	1.36	1180	2.50	2.63	76.2	12.0	440
442882		7.52	26.1	0.30	7.4	0.085	1.50	69.6	28.7	1.45	1500	2.39	2.36	105.5	4.3	2300
442883		3.20	12.80	0.16	3.7	0.023	2.08	21.5	15.7	0.72	383	0.37	2.20	6.3	17.9	610
442884		3.03	15.20	0.15	4.2	0.024	2.11	14.9	10.0	0.58	309	0.49	2.10	6.7	12.7	260
442885		3.62	14.00	0.16	4.1	0.032	2.10	20.6	19.0	0.69	441	0.54	2.05	6.4	19.1	580
442886		3.14	16.00	0.18	5.5	0.028	1.95	22.0	11.7	0.54	434	0.68	1.88	7.0	11.6	320
442887		2.67	14.15	0.17	4.2	0.025	2.05	16.3	11.8	0.58	332	0.43	2.28	6.4	14.2	430
442888		3.84	15.80	0.17	4.3	0.032	2.06	21.0	18.7	0.74	390	0.62	2.00	7.3	17.7	360
442889		3.67	17.60	0.21	4.9	0.025	2.06	15.7	10.1	0.61	403	0.97	2.02	8.1	14.0	470
442890		3.63	15.90	0.19	4.7	0.031	2.12	15.1	17.8	0.79	388	0.49	2.21	7.2	19.1	190
442891		3.62	14.80	0.20	5.1	0.034	1.90	31.2	21.2	0.82	631	0.47	2.11	6.4	28.7	450
442892		3.14	15.65	0.18	4.9	0.026	2.08	14.6	10.9	0.61	355	0.56	2.36	6.4	13.6	250
442893		3.28	16.75	0.20	4.5	0.030	1.99	22.2	11.3	0.55	298	0.85	1.98	6.9	15.5	230
442894		3.11	13.40	0.18	3.7	0.025	1.99	17.6	17.1	0.64	336	0.41	2.27	5.7	19.2	210
442895		14.50	21.4	0.15	4.0	0.096	0.41	17.2	21.3	0.23	485	2.53	0.09	13.4	234	440
442896		4.48	16.30	0.17	4.7	0.035	1.90	15.8	11.4	0.70	449	0.71	2.04	6.2	16.2	260
442897		2.91	16.55	0.07	4.9	0.022	2.14	15.8	10.1	0.62	386	0.81	2.30	6.9	13.3	180
442898		2.90	14.60	0.14	4.9	0.026	2.33	30.0	11.3	0.63	408	0.59	2.54	6.7	17.0	790
442899		3.64	19.10	0.12	5.7	0.028	2.18	21.1	10.0	0.55	359	1.93	1.93	7.0	14.2	230
442900		2.89	15.40	0.11	4.0	0.028	2.19	23.4	13.4	0.58	616	0.67	2.42	5.9	15.3	340
442951		8.06	16.55	0.26	0.5	0.060	0.82	1.9	69.6	5.97	1740	0.27	0.99	0.8	108.5	290
442952		4.24	24.1	0.13	5.7	0.073	3.89	14.7	47.9	1.09	3060	0.28	1.31	11.3	19.8	430
442953		19.00	9.16	0.70	2.1	0.035	1.08	21.2	46.3	1.16	4560	1.53	0.53	6.2	20.5	490
442954		6.47	15.15	0.11	3.2	0.035	2.11	14.8	20.7	0.88	842	1.50	1.86	6.9	15.9	320
442955		10.90	12.10	0.07	2.7	0.042	1.54	13.1	29.5	1.00	2340	3.77	1.09	6.4	19.0	590
442956		8.30	19.10	0.08	4.3	0.051	1.64	17.9	23.6	1.12	2720	2.65	1.30	12.7	18.3	960
442957		8.00	18.05	0.09	4.1	0.089	1.97	17.6	24.5	1.07	1580	1.17	1.23	9.8	15.0	550
442958		11.00	11.90	0.08	2.4	0.048	0.56	18.6	37.6	2.78	6260	1.09	0.14	6.5	30.0	1350
442959		4.70	11.15	0.06	3.9	0.021	0.64	8.7	14.7	3.13	1120	0.58	0.61	4.9	14.6	760
442960		0.35	0.28	<0.05	0.3	<0.005	0.01	1.3	16.1	0.01	34	0.68	<0.01	0.9	2.9	10
442961		4.93	17.45	0.11	4.3	0.040	1.96	32.8	22.0	0.85	545	0.94	1.94	8.4	18.2	810
442962		8.12	18.05	0.10	4.1	0.039	1.46	12.9	22.9	1.87	1880	1.35	1.31	9.7	16.4	530
442963		2.64	15.10	0.13	3.9	0.023	2.34	17.1	13.0	0.56	281	0.60	2.38	5.6	11.2	320
442964		3.52	15.55	0.12	3.8	0.029	2.09	21.2	15.8	0.83	330	0.75	2.25	5.8	13.1	280
442965		5.16	17.05	0.09	3.8	0.037	1.49	12.3	17.2	1.54	938	2.39	1.97	14.5	14.0	460
442966		4.13	15.20	0.15	4.6	0.033	2.01	31.5	22.1	1.03	761	0.62	2.19	11.7	25.8	770
442967		3.45	14.70	0.15	4.0	0.033	2.08	40.2	26.0	1.67	501	1.46	1.92	8.2	22.8	750
442968		3.42	15.55	0.16	4.6	0.029	2.31	31.9	17.6	0.84	457	0.51	2.27	8.7	22.4	710
442969		2.99	15.90	0.12	3.9	0.030	0.92	19.1	38.5	3.78	703	0.37	1.99	4.5	28.9	330
442970		3.44	16.70	0.15	5.3	0.037	2.24	29.2	22.9	0.96	408	0.61	2.22	7.1	20.6	530

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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167258

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442881		8.0	14.3	<0.002	0.02	0.15	12.2	2	2.1	348	4.25	<0.05	3.02	2.17	0.14	1.2
442882		10.0	131.0	<0.002	0.02	0.15	10.5	2	3.2	404	6.08	<0.05	6.78	1.190	0.34	2.4
442883		11.9	72.9	<0.002	0.01	0.13	7.8	1	0.8	271	0.45	<0.05	5.05	0.269	0.36	1.0
442884		11.9	79.2	<0.002	0.01	0.14	6.8	1	0.9	266	0.48	<0.05	4.93	0.286	0.35	0.8
442885		14.2	82.2	<0.002	0.01	0.17	7.9	1	0.9	253	0.44	<0.05	6.27	0.257	0.42	1.2
442886		14.7	76.2	<0.002	0.01	0.27	7.4	1	1.1	215	0.51	0.13	6.49	0.314	0.43	1.3
442887		12.9	80.7	<0.002	0.01	0.17	7.2	1	0.9	275	0.45	<0.05	3.78	0.251	0.41	0.9
442888		14.4	83.1	<0.002	0.01	0.15	8.5	1	1.0	246	0.50	<0.05	4.94	0.292	0.42	1.0
442889		14.6	82.0	<0.002	0.01	0.21	7.9	1	1.1	245	0.57	0.05	4.33	0.348	0.42	1.1
442890		14.8	79.2	<0.002	0.01	0.24	8.8	1	1.0	290	0.56	<0.05	4.79	0.277	0.46	1.2
442891		16.5	67.7	<0.002	0.02	0.33	10.4	1	0.9	282	0.43	<0.05	7.55	0.258	0.45	1.6
442892		16.0	73.0	<0.002	0.01	0.20	7.7	1	1.0	307	0.46	<0.05	4.86	0.254	0.40	1.0
442893		17.5	75.8	<0.002	0.02	0.23	8.2	1	1.1	262	0.44	<0.05	5.18	0.293	0.46	1.3
442894		13.0	68.4	<0.002	0.01	0.20	7.2	1	0.8	297	0.42	<0.05	5.24	0.232	0.38	1.0
442895		20.4	45.2	<0.002	0.05	0.83	53.0	4	2.5	34.0	1.00	0.11	14.50	0.761	0.24	2.4
442896		16.8	70.7	<0.002	0.02	0.23	8.5	1	0.9	273	0.42	0.07	4.17	0.308	0.40	1.1
442897		14.6	72.2	<0.002	0.01	0.21	7.9	1	1.1	296	0.50	<0.05	3.94	0.284	0.45	1.1
442898		14.8	81.3	<0.002	0.01	0.21	7.7	1	0.9	333	0.48	<0.05	7.23	0.238	0.43	1.4
442899		18.4	78.3	<0.002	0.01	0.26	7.3	1	1.2	256	0.50	<0.05	5.99	0.326	0.49	1.4
442900		16.1	79.7	<0.002	0.02	0.20	7.8	1	0.9	314	0.43	<0.05	5.54	0.218	0.44	1.2
442951		13.9	32.6	<0.002	0.02	0.13	59.6	1	0.5	75.3	0.07	0.12	0.36	0.330	0.20	0.1
442952		13.0	165.5	<0.002	0.01	0.16	13.6	1	1.9	145.5	0.76	0.07	11.95	0.476	0.70	1.0
442953		11.0	114.0	<0.002	0.01	0.18	5.3	1	1.1	69.5	0.44	0.11	6.17	0.159	0.58	1.0
442954		13.8	99.5	<0.002	0.01	0.25	7.6	1	1.2	228	0.47	0.08	5.81	0.235	0.52	1.2
442955		14.2	96.5	<0.002	0.02	0.41	6.7	1	1.2	125.5	0.48	0.29	7.24	0.217	0.60	1.4
442956		17.5	86.5	<0.002	0.03	0.32	9.1	1	1.9	130.5	0.81	0.25	8.56	0.409	0.45	1.8
442957		16.8	85.6	<0.002	0.01	0.25	8.9	1	1.8	95.0	0.67	0.05	10.80	0.331	0.40	1.6
442958		14.3	33.5	<0.002	0.09	0.17	5.7	2	0.9	19.2	0.45	1.72	8.43	0.202	0.29	2.1
442959		14.6	29.0	<0.002	0.01	0.14	4.1	1	0.7	74.9	0.34	0.05	5.53	0.192	0.18	1.3
442960		0.6	0.4	<0.002	<0.01	0.21	0.2	<1	0.5	0.9	0.06	<0.05	0.74	0.030	<0.02	0.2
442961		16.4	77.8	<0.002	0.02	0.32	9.5	1	1.2	239	0.60	<0.05	10.75	0.312	0.45	1.7
442962		18.9	86.5	<0.002	0.01	0.23	7.8	1	1.6	134.5	0.64	0.13	7.13	0.338	0.39	1.5
442963		13.1	86.6	<0.002	0.01	0.17	7.3	1	0.8	300	0.38	<0.05	5.11	0.210	0.43	1.1
442964		13.8	76.5	<0.002	0.01	0.23	7.6	<1	0.9	282	0.40	<0.05	7.90	0.225	0.42	1.1
442965		16.2	64.8	<0.002	0.01	0.34	8.1	1	1.2	219	0.93	0.14	4.92	0.463	0.40	1.3
442966		14.7	73.5	<0.002	0.01	0.19	9.7	1	1.0	288	0.76	0.06	6.66	0.395	0.39	1.3
442967		13.1	80.5	0.002	0.04	0.23	9.0	2	0.9	248	0.56	<0.05	6.61	0.297	0.44	4.4
442968		13.7	86.2	<0.002	0.01	0.16	9.0	1	1.1	279	0.59	<0.05	7.00	0.306	0.43	1.3
442969		9.1	27.9	<0.002	0.01	0.15	8.2	1	0.8	138.0	0.30	0.13	6.22	0.218	0.22	0.9
442970		15.5	86.0	<0.002	0.01	0.14	9.1	1	1.0	294	0.47	0.05	7.65	0.247	0.46	1.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167258

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442881		253	1.1	13.5	66	185.5
442882		55	1.0	28.5	90	345
442883		57	0.4	8.0	35	138.0
442884		67	0.5	5.7	31	154.5
442885		54	0.5	9.2	42	145.5
442886		64	0.6	7.1	28	194.5
442887		50	0.4	7.4	27	152.5
442888		63	0.6	7.5	42	153.5
442889		83	0.6	6.9	31	178.0
442890		69	0.5	7.9	36	164.0
442891		62	0.5	11.3	48	182.5
442892		62	0.5	6.8	36	176.5
442893		72	0.6	7.7	27	161.5
442894		52	0.4	7.6	33	130.5
442895		229	1.6	9.3	43	143.0
442896		78	0.5	7.3	38	170.5
442897		75	0.5	6.9	28	182.0
442898		52	0.4	12.4	42	182.0
442899		86	0.7	7.6	34	206
442900		53	0.4	9.3	42	144.5
442951		291	0.7	6.7	92	17.5
442952		66	3.3	7.2	67	209
442953		36	0.4	7.3	87	81.7
442954		59	0.6	7.2	56	121.0
442955		53	0.9	7.0	95	105.5
442956		96	1.4	8.0	95	164.0
442957		81	1.2	8.0	67	157.0
442958		56	0.9	9.5	105	91.8
442959		53	0.5	5.7	43	148.5
442960		2	0.2	0.7	3	8.4
442961		79	0.8	10.3	55	160.5
442962		76	1.0	9.5	56	159.0
442963		49	0.5	8.9	26	143.0
442964		58	0.5	8.9	33	142.0
442965		107	0.8	9.0	60	148.5
442966		78	0.6	13.5	46	177.5
442967		59	0.7	15.2	46	147.0
442968		60	0.6	12.5	39	171.0
442969		48	0.4	11.8	51	145.5
442970		58	0.5	11.1	39	194.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167258

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167260

Projet: KAN

Bon de commande #: SOILKAN- 014

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

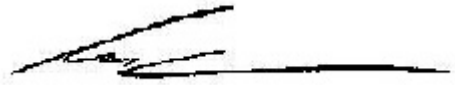
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167260

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
442971		0.24	<0.001	0.03	7.07	2.7	680	1.25	0.07	1.21	0.06	47.9	6.4	57	2.03	5.3
442972		0.21	0.001	0.02	6.50	2.6	640	1.23	0.10	1.38	0.09	37.8	6.3	46	2.27	3.9
442973		0.22	0.001	0.02	6.50	3.1	410	1.88	0.18	1.51	0.07	29.9	9.0	44	3.05	3.2
442974		0.29	<0.001	0.01	6.52	2.8	490	1.37	0.15	1.10	0.07	27.5	10.2	50	2.95	4.1
442975		0.29	<0.001	0.03	6.82	1.8	720	1.24	0.08	1.17	0.04	43.9	4.3	43	1.99	3.7
442976		0.27	<0.001	0.03	6.86	2.5	720	1.26	0.11	1.11	0.02	42.0	4.4	50	2.32	4.2
442977		0.25	0.001	0.04	6.75	2.6	680	1.29	0.11	1.05	0.04	49.4	4.9	50	2.39	4.5
442978		0.25	0.001	0.04	6.71	3.1	670	1.27	0.10	1.21	0.04	60.6	5.6	64	2.06	4.7
442979		0.24	<0.001	0.03	6.65	5.7	630	1.29	0.12	1.28	0.07	39.6	5.4	60	2.58	6.1
442980		0.23	0.001	0.02	7.01	4.6	640	1.21	0.11	1.07	0.05	44.8	8.0	77	2.58	5.1
442981		0.23	<0.001	0.02	6.46	5.7	570	1.25	0.13	1.20	0.10	38.7	8.4	75	2.18	9.7
442982		0.34	0.001	0.03	6.73	2.6	630	1.38	0.14	1.14	0.05	40.0	5.5	56	2.18	6.5
442983		0.27	0.001	0.03	6.83	2.3	720	1.29	0.08	1.03	0.04	32.4	4.6	41	1.78	6.4
442984		0.26	0.001	0.06	6.31	4.5	510	1.47	0.14	0.85	0.09	43.3	8.2	63	2.55	13.2
442985		0.07	0.002	0.02	9.52	9.3	160	0.90	0.40	0.32	0.05	52.4	7.1	122	6.38	29.4
442986		0.22	0.001	0.33	5.79	5.9	520	1.50	0.24	0.50	0.06	49.3	7.6	46	5.44	31.0
442987		0.20	0.001	0.03	7.11	2.1	830	1.71	0.13	0.81	0.06	52.7	10.0	55	3.09	20.8
442988		0.25	0.001	0.07	7.19	33.4	590	1.95	0.20	1.00	0.29	127.0	20.3	80	2.93	31.1
442989		0.30	0.002	0.05	6.65	2.9	710	1.22	0.08	1.40	0.09	50.3	7.1	52	1.35	10.9
442990		0.28	0.001	0.05	6.57	5.2	710	1.21	0.10	1.24	0.09	50.0	5.1	54	1.25	26.4
442991		0.25	0.001	0.04	6.79	7.1	670	1.15	0.09	1.28	0.06	39.8	5.2	54	1.05	12.8
442992		0.31	0.001	0.03	6.77	4.2	730	1.28	0.08	1.43	0.04	45.2	5.5	48	0.95	4.7
442993		0.29	<0.001	0.07	6.58	4.4	690	1.38	0.07	1.49	0.05	33.0	5.0	41	1.01	5.3
442994		0.34	<0.001	0.06	6.57	4.0	700	1.23	0.12	1.23	0.15	42.5	5.5	43	1.28	19.2
442995		0.27	0.001	0.07	6.69	2.7	710	1.26	0.09	1.46	0.09	55.6	8.3	42	1.20	17.9
442996		0.22	0.001	0.03	6.49	3.6	640	1.10	0.11	1.10	0.08	54.3	6.4	55	1.37	19.3
442997		0.30	0.001	0.06	6.75	36.3	690	1.21	0.13	1.48	0.11	46.8	11.8	57	1.27	64.5
442998		0.30	<0.001	0.04	6.39	2.5	690	1.13	0.10	1.29	0.08	39.6	6.2	40	1.28	7.2
442999		0.24	0.001	0.03	6.83	5.0	700	1.35	0.13	1.36	0.06	67.1	11.0	54	2.55	5.4
443000		0.07	<0.001	<0.01	0.10	0.2	<10	0.06	0.03	0.01	<0.02	3.61	0.4	6	0.09	4.2
443001		0.20	<0.001	0.01	4.39	0.6	330	1.65	0.03	0.38	0.20	38.2	11.4	31	2.85	1.4
443002		0.33	0.001	0.02	7.02	7.2	490	1.55	0.15	1.18	0.12	52.3	19.9	62	2.52	51.7
443003		0.34	0.001	0.05	6.62	2.0	550	1.53	0.10	1.23	0.06	32.3	9.0	41	1.51	12.3
443004		0.39	0.001	0.02	6.45	9.7	560	1.34	0.17	1.07	0.04	32.1	9.9	56	3.49	16.8
443005		0.40	<0.001	0.03	6.40	10.5	620	1.15	0.14	1.08	0.08	32.8	7.5	55	2.53	11.5
443006		0.33	0.001	0.03	3.70	16.4	350	0.79	0.10	0.59	0.07	34.5	7.6	35	2.15	11.2
443007		0.38	0.001	0.05	6.49	2.1	670	1.32	0.10	1.27	0.05	55.8	7.9	45	1.61	19.1
443008		0.30	0.001	0.02	6.63	1.8	660	1.17	0.10	1.26	0.06	52.1	6.8	44	1.61	25.4
443009		0.35	0.001	0.07	6.61	2.9	650	1.17	0.11	1.10	0.05	41.8	6.8	44	1.54	13.1
443010		0.34	0.001	0.05	6.93	4.1	660	1.27	0.11	1.19	0.06	52.1	9.0	51	1.64	19.7

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QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167260

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
442971		3.85	16.90	0.18	5.2	0.035	2.09	24.9	20.4	1.01	390	0.61	2.00	6.6	16.8	400
442972		3.64	18.45	0.18	4.2	0.033	1.95	19.9	17.9	1.19	682	0.71	1.91	6.7	14.1	230
442973		3.96	16.75	0.16	4.0	0.048	1.13	15.2	21.1	1.55	4940	0.46	1.90	6.5	15.5	340
442974		4.38	17.65	0.15	4.1	0.037	1.43	13.4	27.0	2.23	1400	0.94	1.75	7.7	19.2	330
442975		2.72	15.45	0.19	4.5	0.026	2.31	22.4	13.1	0.60	317	0.54	2.25	6.1	11.4	320
442976		3.28	18.85	0.18	5.2	0.031	2.29	21.1	10.9	0.59	379	0.81	2.09	8.8	11.0	320
442977		3.78	18.35	0.19	3.6	0.033	2.21	25.0	12.7	0.62	386	0.78	2.06	7.8	12.7	460
442978		4.96	17.45	0.20	4.9	0.034	2.13	30.2	12.5	0.68	459	0.84	2.03	7.9	13.8	480
442979		4.42	17.95	0.18	4.1	0.036	2.01	20.2	11.3	0.82	467	1.21	2.06	11.0	13.0	520
442980		5.84	19.05	0.18	4.4	0.041	2.09	23.7	19.0	0.94	553	0.82	1.94	8.7	19.9	570
442981		6.08	16.60	0.19	3.9	0.042	1.87	18.9	17.9	0.93	512	1.05	1.93	8.3	20.0	730
442982		3.82	16.25	0.18	3.2	0.037	1.99	19.9	16.8	0.71	344	0.91	2.01	8.0	13.7	370
442983		3.27	15.95	0.18	2.6	0.024	2.26	16.9	13.9	0.59	368	0.46	2.23	4.9	12.1	720
442984		6.37	15.45	0.17	3.4	0.042	1.51	18.9	24.9	1.14	1060	0.91	1.48	6.9	18.2	1200
442985		6.62	24.7	0.18	4.4	0.095	0.49	24.8	38.3	0.32	506	2.37	0.13	23.7	46.0	550
442986		6.52	13.55	0.17	3.5	0.038	1.66	22.0	34.4	1.07	1270	1.68	1.51	6.9	16.8	370
442987		4.26	16.50	0.20	4.7	0.048	2.33	29.0	26.4	1.02	1470	0.71	1.65	8.3	20.5	260
442988		6.50	13.80	0.19	3.5	0.044	1.94	28.9	37.3	1.10	2160	2.10	1.56	6.5	31.4	630
442989		3.30	13.55	0.19	3.6	0.029	2.19	24.0	14.5	0.67	437	0.59	2.28	5.5	18.3	680
442990		2.80	16.20	0.18	5.6	0.029	2.17	24.3	10.4	0.58	275	0.37	2.05	5.9	17.2	300
442991		4.44	15.40	0.19	4.3	0.031	2.05	20.3	14.8	0.59	372	0.62	2.18	6.3	13.5	310
442992		3.48	14.10	0.19	4.7	0.028	2.19	22.2	14.7	0.59	397	0.78	2.39	6.1	13.2	240
442993		3.25	13.50	0.19	4.5	0.023	2.14	16.0	11.5	0.56	321	0.55	2.45	5.5	11.9	420
442994		2.83	15.50	0.15	4.6	0.031	2.10	20.5	11.0	0.50	290	1.26	2.25	6.3	15.1	180
442995		2.71	14.30	0.19	3.6	0.030	2.17	25.3	11.6	0.60	505	0.57	2.45	5.7	19.5	710
442996		3.55	15.50	0.16	5.0	0.036	1.97	26.8	18.5	0.72	341	0.59	1.96	6.2	16.2	280
442997		3.15	17.45	0.17	5.1	0.032	1.99	23.4	26.2	0.81	346	0.47	2.06	7.8	21.5	200
442998		2.82	14.50	0.17	4.5	0.026	2.10	18.8	12.2	0.53	332	0.50	2.32	6.1	13.4	360
442999		3.53	17.30	0.16	4.4	0.038	2.24	34.3	22.3	0.80	588	0.87	2.08	6.8	17.2	410
443000		0.33	0.27	0.13	0.3	<0.005	0.01	1.7	14.6	<0.01	31	0.67	<0.01	0.9	2.6	10
443001		6.13	11.75	0.11	1.4	0.025	0.42	19.2	60.0	4.93	2520	0.31	0.13	5.0	20.9	360
443002		5.71	14.90	0.15	3.3	0.047	1.49	22.4	54.7	1.12	789	1.82	1.66	8.5	31.3	350
443003		3.50	14.45	0.13	3.1	0.026	1.63	15.8	23.1	1.28	738	0.90	2.01	5.5	17.1	540
443004		5.17	18.80	0.15	3.8	0.038	1.80	16.0	20.2	1.06	666	1.26	1.74	8.5	19.6	390
443005		4.12	16.80	0.15	3.7	0.029	1.96	15.5	15.6	0.79	454	0.56	1.94	7.1	16.4	310
443006		10.05	11.20	0.16	3.1	0.023	1.02	18.2	8.4	0.93	3490	1.01	1.05	7.7	11.0	1280
443007		3.14	14.80	0.17	4.6	0.025	2.11	27.6	15.3	0.68	479	0.43	2.13	7.2	18.4	650
443008		2.77	15.50	0.18	4.1	0.030	2.13	25.6	15.9	0.67	328	0.43	2.16	7.0	17.0	540
443009		3.19	15.15	0.15	4.0	0.030	2.02	20.4	16.7	0.58	351	0.40	2.07	7.2	16.2	470
443010		3.32	14.95	0.17	3.9	0.031	2.14	24.2	18.5	0.73	439	0.44	2.15	7.0	20.4	620

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167260

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
442971		16.5	80.1	<0.002	0.01	0.12	7.5	1	1.0	279	0.47	<0.05	6.72	0.281	0.37	1.2
442972		17.2	83.6	<0.002	0.01	0.23	7.5	<1	1.1	258	0.59	<0.05	5.41	0.322	0.38	1.1
442973		25.4	58.5	<0.002	0.01	0.25	7.3	1	1.1	262	0.46	<0.05	5.11	0.300	0.25	1.0
442974		16.3	66.6	<0.002	0.01	0.18	7.6	1	1.2	161.5	0.56	0.05	6.10	0.374	0.27	1.2
442975		13.5	93.7	<0.002	0.01	0.16	7.1	<1	0.9	289	0.44	<0.05	7.35	0.242	0.39	1.3
442976		14.6	106.5	<0.002	0.01	0.23	8.0	1	1.3	271	0.67	<0.05	5.72	0.352	0.47	1.4
442977		15.5	102.5	<0.002	0.01	0.26	7.8	1	1.2	268	0.57	<0.05	7.75	0.308	0.41	1.3
442978		16.4	91.1	<0.002	0.01	0.21	8.4	1	1.2	270	0.60	<0.05	10.75	0.331	0.37	1.5
442979		13.6	89.3	<0.002	0.01	0.27	8.9	<1	1.3	271	0.80	<0.05	4.97	0.394	0.41	1.3
442980		13.3	103.0	<0.002	0.01	0.30	9.9	<1	1.3	237	0.64	<0.05	6.33	0.380	0.40	1.5
442981		14.9	84.9	<0.002	0.02	0.31	10.1	1	1.3	242	0.65	<0.05	5.93	0.337	0.36	1.3
442982		13.6	90.3	<0.002	0.02	0.25	8.4	1	1.2	253	0.64	<0.05	5.08	0.331	0.42	1.3
442983		13.3	92.5	<0.002	0.01	0.18	6.1	<1	0.8	288	0.35	<0.05	4.20	0.212	0.41	0.9
442984		14.5	70.8	<0.002	0.02	0.26	7.4	1	1.2	179.5	0.51	0.07	6.72	0.305	0.39	1.3
442985		24.0	64.5	<0.002	0.05	0.67	14.7	3	4.0	51.2	1.60	0.05	15.25	1.065	0.32	2.7
442986		13.7	92.0	<0.002	0.02	0.14	6.2	1	1.0	133.0	0.51	0.17	9.38	0.274	0.32	1.1
442987		12.8	102.5	<0.002	0.01	0.16	8.7	1	1.2	205	0.61	0.10	8.24	0.352	0.45	1.2
442988		16.6	89.9	<0.002	0.02	0.33	9.9	1	1.0	201	0.49	0.11	10.50	0.271	0.49	1.6
442989		13.7	78.6	<0.002	0.03	0.16	7.0	1	0.8	309	0.41	<0.05	5.14	0.238	0.37	1.0
442990		15.4	73.8	<0.002	0.01	0.13	8.0	<1	1.1	280	0.44	<0.05	6.42	0.294	0.46	1.3
442991		15.0	65.8	<0.002	0.02	0.22	6.9	1	0.9	293	0.48	<0.05	5.31	0.286	0.36	1.0
442992		14.7	72.3	<0.002	0.01	0.17	6.8	1	0.9	323	0.45	<0.05	4.98	0.265	0.38	1.0
442993		12.9	74.7	<0.002	0.01	0.13	6.5	1	0.8	329	0.42	<0.05	3.20	0.234	0.34	0.9
442994		16.8	70.2	0.002	0.01	0.20	7.3	1	1.0	307	0.47	<0.05	4.67	0.260	0.46	1.3
442995		13.8	74.8	<0.002	0.01	0.18	7.4	1	0.9	333	0.42	<0.05	5.82	0.224	0.42	1.1
442996		17.0	67.2	<0.002	0.02	0.15	8.6	1	1.0	267	0.43	<0.05	7.74	0.251	0.46	1.4
442997		17.0	67.2	<0.002	0.01	0.17	9.8	1	1.1	284	1.47	<0.05	5.61	0.284	0.47	1.7
442998		13.3	72.2	<0.002	0.01	0.16	7.0	<1	0.9	317	0.45	<0.05	4.79	0.218	0.38	1.0
442999		17.9	88.9	<0.002	0.01	0.20	9.3	1	1.2	289	0.46	<0.05	6.34	0.271	0.48	1.3
443000		<0.5	0.6	<0.002	<0.01	0.19	0.2	<1	0.5	1.6	0.06	<0.05	0.87	0.029	<0.02	0.2
443001		5.0	18.5	<0.002	0.01	0.09	6.7	1	0.9	17.1	0.29	<0.05	5.43	0.203	0.15	0.4
443002		21.7	68.5	<0.002	0.02	0.24	10.8	1	1.0	197.5	0.61	0.06	8.49	0.330	0.36	2.3
443003		12.7	59.4	<0.002	0.01	0.13	6.6	1	0.8	241	0.39	<0.05	4.23	0.229	0.27	1.0
443004		13.9	84.6	<0.002	0.01	0.28	10.1	1	1.2	205	0.58	0.05	5.32	0.387	0.36	1.3
443005		15.0	78.1	<0.002	0.01	0.21	8.0	<1	1.1	240	0.56	<0.05	4.62	0.289	0.46	1.1
443006		8.7	39.1	<0.002	0.02	0.18	5.2	1	0.9	119.5	0.35	0.08	3.25	0.216	0.21	0.9
443007		13.3	79.1	<0.002	0.01	0.16	8.5	<1	1.0	271	0.52	<0.05	5.92	0.286	0.38	1.2
443008		14.6	81.3	<0.002	0.01	0.15	8.5	1	1.0	272	0.52	<0.05	5.42	0.279	0.42	1.1
443009		13.1	74.5	<0.002	0.01	0.17	7.6	1	1.0	259	0.53	<0.05	4.70	0.277	0.41	1.1
443010		16.1	78.0	0.002	0.01	0.19	8.7	1	1.0	270	0.52	<0.05	5.64	0.281	0.40	1.1

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QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167260

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
442971		68	0.5	8.3	38	207
442972		76	0.5	8.3	44	166.5
442973		58	0.8	12.3	52	162.0
442974		86	0.8	9.5	63	164.0
442975		56	0.5	8.1	28	170.0
442976		84	0.8	8.2	33	198.5
442977		82	0.7	8.5	34	142.5
442978		96	0.7	11.3	38	222
442979		97	0.8	10.6	38	163.0
442980		105	0.8	10.6	54	171.0
442981		104	0.8	10.9	58	151.5
442982		76	0.8	10.1	38	132.5
442983		59	0.5	5.6	38	97.6
442984		82	0.7	7.6	85	132.0
442985		167	2.2	13.1	49	176.5
442986		60	0.7	6.4	61	141.0
442987		68	1.3	8.4	51	183.5
442988		73	0.8	12.9	111	136.5
442989		57	0.4	7.8	46	137.0
442990		78	0.5	8.1	26	220
442991		74	0.5	7.0	31	171.0
442992		62	0.6	7.6	34	182.5
442993		56	0.3	7.4	30	175.0
442994		61	0.5	7.9	32	173.0
442995		51	0.4	9.9	39	133.0
442996		61	0.4	9.3	35	184.5
442997		74	0.5	10.4	40	190.5
442998		50	0.4	7.9	31	167.0
442999		69	0.5	9.1	51	170.0
443000		2	0.1	0.7	3	8.0
443001		27	0.3	10.2	56	58.0
443002		85	0.5	11.0	57	124.0
443003		51	0.3	7.4	49	121.0
443004		104	0.8	8.2	55	146.5
443005		67	0.6	7.1	40	135.5
443006		68	0.6	7.1	76	122.5
443007		57	0.5	10.7	37	168.0
443008		58	4.3	9.5	33	147.0
443009		56	0.5	8.4	32	149.5
443010		60	0.5	9.8	39	151.0

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À: MINIÈRE OSISKO INC.
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Finalisée date: 8- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167260

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167263

Projet: KAN

Bon de commande #: SOILKAN- 015

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

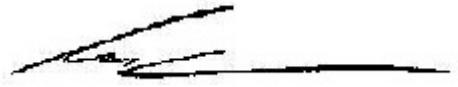
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 5- SEPT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17167263

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
443011		0.42	<0.001	0.05	6.57	3.6	620	1.19	0.11	1.32	0.06	51.1	9.6	47	1.84	18.7
443012		0.36	<0.001	0.05	6.98	3.9	640	1.32	0.11	1.17	0.06	41.3	9.0	50	1.93	9.7
443013		0.37	0.001	0.05	6.27	5.8	520	1.15	0.14	1.10	0.08	69.9	10.9	136	2.42	10.8
443014		0.30	<0.001	0.04	6.75	5.0	610	1.30	0.13	1.32	0.15	52.0	11.2	53	1.62	17.7
443015		0.50	<0.001	0.03	6.90	4.5	690	1.22	0.12	1.57	0.28	48.2	10.8	51	1.58	31.1
443016		0.59	<0.001	0.07	6.75	11.1	690	1.27	0.09	1.66	0.07	67.6	10.7	49	1.65	58.0
443017		0.22	<0.001	0.09	5.75	20.4	580	0.80	0.14	1.22	0.10	35.2	8.4	133	2.37	23.0
443018		0.31	<0.001	0.04	6.45	21.3	560	1.17	0.15	1.57	0.09	50.0	8.9	75	1.97	33.2
443019		0.44	<0.001	0.03	7.05	4.9	650	1.24	0.11	1.37	0.04	47.4	7.7	52	1.49	13.9
443020		0.28	<0.001	0.03	5.01	8.4	520	0.92	0.11	0.89	0.05	36.1	6.8	46	3.87	16.3
443021		0.30	<0.001	0.04	6.91	2.1	680	1.24	0.08	1.43	0.08	44.3	7.0	45	1.40	9.4
443022		0.38	0.003	0.05	6.16	3.8	630	1.22	0.14	1.12	0.07	33.5	6.7	49	3.29	12.2
443023		0.47	0.009	0.58	4.28	1.0	290	1.49	1.19	0.14	<0.02	22.0	0.7	56	4.66	61.3
443024		0.36	<0.001	0.13	6.89	4.4	690	1.35	0.16	1.36	0.10	42.5	7.5	53	2.42	20.0
443025		0.08	0.022	0.15	8.62	13.7	190	0.77	0.32	0.19	0.02	40.9	30.7	582	4.15	397
443026		0.37	<0.001	0.02	7.16	2.4	650	1.18	0.12	1.22	0.06	35.1	6.1	51	1.76	11.0
443027		0.31	<0.001	0.02	7.25	5.5	700	1.35	0.10	1.32	0.08	41.3	8.5	49	1.78	12.3
443028		0.29	0.002	0.05	5.36	2.1	500	1.48	0.12	1.51	0.08	57.7	11.1	38	8.56	28.6
443029		0.22	0.007	0.06	4.58	4.0	450	1.35	0.13	1.49	0.19	62.3	13.6	33	7.03	31.7
443030		0.20	<0.001	0.03	5.05	1.9	490	1.03	0.13	0.32	0.11	16.85	6.8	32	10.35	10.6
443031		0.23	0.073	0.05	5.30	0.9	360	2.10	0.38	0.70	0.04	35.4	11.9	37	17.10	108.5
443032		0.21	<0.001	0.03	4.64	5.0	720	0.80	0.08	1.04	0.08	33.5	19.4	37	7.26	9.8
443033		0.25	<0.001	0.02	5.56	1.9	670	0.98	0.16	1.08	0.05	33.4	4.2	41	2.48	6.7
443034		0.22	<0.001	0.02	6.36	3.7	600	1.24	0.15	0.97	0.08	36.0	7.0	53	2.76	10.9
443035		0.24	<0.001	0.05	6.97	2.8	660	1.52	0.13	1.41	0.08	50.6	10.8	56	3.75	17.7
443036		0.18	<0.001	0.09	6.27	4.3	590	1.03	0.17	0.95	0.13	41.7	7.9	57	3.39	17.2
443037		0.25	<0.001	0.03	6.80	1.9	700	1.14	0.10	1.26	0.06	34.9	4.4	40	1.66	4.6
443038		0.26	<0.001	0.06	6.87	3.5	630	1.41	0.12	1.14	0.13	32.3	8.0	41	1.58	21.6
443039		0.31	<0.001	0.03	7.24	139.0	680	1.29	0.16	1.12	0.05	32.8	6.7	48	2.03	17.2
443040		0.08	<0.001	<0.01	0.09	0.9	<10	0.05	0.03	0.01	<0.02	2.40	0.4	5	0.10	5.0
443041		0.35	<0.001	0.03	7.51	18.6	690	1.53	0.14	1.38	0.12	75.3	9.5	50	1.66	30.7
443042		0.44	0.001	0.03	6.84	15.9	660	1.34	0.15	1.30	0.05	32.5	10.0	51	1.99	30.5
443043		0.32	<0.001	0.01	7.21	16.9	710	1.42	0.12	1.28	0.05	35.5	11.0	49	2.02	11.0
443044		0.29	0.003	0.04	7.27	4.1	660	1.41	0.15	1.21	0.06	40.2	8.8	47	1.64	20.2
443045		0.35	<0.001	0.07	7.09	3.8	650	1.39	0.15	1.18	0.06	39.8	7.3	46	1.71	14.1
443046		0.27	<0.001	0.06	7.43	5.2	650	1.48	0.13	1.01	0.08	38.1	9.8	49	2.09	14.7
443047		0.30	<0.001	0.03	7.13	3.9	640	1.33	0.15	1.24	0.07	40.9	7.9	51	1.69	12.5
443048		0.40	<0.001	0.02	6.72	1.4	700	1.36	0.10	1.51	0.04	30.0	5.5	37	1.24	6.4
443049		0.31	0.001	0.05	6.91	7.9	630	1.29	0.12	1.12	0.09	30.9	15.9	56	1.56	29.9
443050		0.32	<0.001	0.06	7.33	7.9	710	1.31	0.12	1.19	0.12	33.7	14.4	54	2.09	36.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 5- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167263

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
443011		3.43	15.70	0.11	4.0	0.030	2.05	26.0	15.7	1.25	577	0.45	2.19	7.3	18.5	490
443012		4.01	16.75	0.10	4.1	0.033	2.10	19.1	17.5	0.81	542	0.60	2.19	7.6	18.2	450
443013		5.84	18.55	0.12	4.8	0.046	1.64	34.4	16.9	1.20	849	0.97	1.79	10.1	29.2	470
443014		3.40	15.10	0.11	3.5	0.031	1.90	22.3	16.8	0.78	537	0.54	2.17	6.7	21.2	570
443015		3.55	17.00	0.12	4.0	0.033	2.15	23.3	14.5	0.86	463	0.60	2.38	8.2	18.8	430
443016		2.87	15.70	0.16	4.4	0.028	2.17	37.0	12.8	0.72	400	0.48	2.38	7.2	22.7	930
443017		3.74	16.00	0.10	3.8	0.030	1.83	17.7	10.4	1.04	398	0.95	1.71	7.3	24.9	440
443018		4.68	16.70	0.13	3.7	0.034	1.71	24.9	18.4	0.79	428	0.77	1.89	7.9	22.5	400
443019		3.42	16.40	0.13	4.4	0.030	2.08	21.7	15.1	0.72	344	0.46	2.36	7.5	16.9	240
443020		8.41	15.00	0.11	3.9	0.035	1.43	19.6	9.7	0.90	1470	1.06	1.44	7.4	12.5	340
443021		3.00	15.10	0.12	3.5	0.028	2.14	21.9	12.6	0.66	347	0.40	2.40	6.8	16.5	530
443022		3.83	17.40	0.12	4.5	0.029	2.05	16.8	14.2	0.70	409	0.64	2.02	7.8	14.7	270
443023		14.55	15.75	0.09	2.9	0.068	3.03	15.0	17.3	1.00	729	5.00	0.93	12.1	1.8	510
443024		3.30	17.75	0.12	4.6	0.031	2.20	21.4	13.8	0.77	389	0.54	2.23	8.3	17.1	280
443025		15.70	23.2	0.12	4.1	0.096	0.44	18.9	20.7	0.24	503	2.55	0.10	15.4	248	440
443026		3.58	19.40	0.11	4.1	0.029	2.11	17.1	12.7	0.61	272	0.44	2.26	7.7	13.7	240
443027		3.29	16.70	0.13	3.7	0.030	2.21	19.5	15.2	0.70	335	0.33	2.38	7.1	17.4	310
443028		6.20	13.45	0.13	2.8	0.030	1.50	35.3	38.4	1.92	2410	0.85	1.31	6.4	17.9	490
443029		5.39	11.90	0.13	2.7	0.030	0.99	41.3	43.1	1.76	3490	1.38	1.29	5.7	20.1	620
443030		4.44	16.50	0.09	4.4	0.026	1.24	8.1	20.7	1.25	566	0.78	1.87	7.6	11.7	220
443031		10.80	15.45	0.12	3.2	0.038	1.85	16.9	88.7	5.61	2970	0.12	0.88	7.3	18.0	370
443032		13.25	12.00	0.06	3.0	0.028	1.11	11.0	11.7	1.86	6890	1.23	1.05	6.6	16.5	510
443033		2.95	17.30	0.10	5.0	0.027	2.24	16.9	7.0	0.53	254	0.49	1.79	7.1	10.3	190
443034		4.18	18.35	0.14	4.1	0.030	1.93	17.8	17.3	0.59	376	0.61	1.84	9.2	14.2	250
443035		4.75	16.50	0.15	3.9	0.031	2.14	23.6	20.0	0.91	731	0.62	2.19	7.5	22.8	520
443036		6.68	18.25	0.13	3.8	0.038	1.99	21.3	15.0	0.80	535	1.12	1.68	8.1	19.8	430
443037		2.51	17.95	0.11	3.7	0.025	2.29	17.7	9.0	0.52	240	0.43	2.42	7.2	10.3	120
443038		3.41	14.75	0.06	3.7	0.030	1.91	15.7	18.4	0.62	325	0.60	2.13	6.7	16.3	280
443039		3.42	16.45	0.07	4.1	0.033	2.12	16.3	15.4	0.58	283	0.58	2.13	9.4	16.1	250
443040		0.34	0.25	<0.05	0.3	<0.005	0.01	1.1	15.8	<0.01	32	0.66	<0.01	1.0	2.9	10
443041		3.36	15.30	0.09	4.1	0.033	2.03	30.0	21.0	0.63	332	0.51	2.21	7.2	21.9	270
443042		3.40	15.30	0.06	4.1	0.028	1.99	16.1	20.6	0.78	477	0.53	2.15	7.2	18.5	180
443043		3.21	15.60	0.07	3.9	0.032	2.20	16.9	21.7	0.77	428	0.39	2.23	7.1	20.7	190
443044		3.27	14.90	0.06	3.9	0.030	2.04	18.7	18.2	0.64	361	0.45	2.15	7.3	19.7	470
443045		3.15	15.40	0.06	5.0	0.033	2.00	19.4	17.5	0.62	321	0.67	2.08	7.3	16.0	460
443046		4.08	16.40	0.06	3.7	0.034	1.93	18.8	23.7	0.84	491	0.53	2.01	7.8	20.9	460
443047		3.45	15.15	0.06	4.5	0.031	1.99	18.9	18.0	0.65	345	0.66	2.16	7.9	19.0	420
443048		2.33	14.60	0.06	4.8	0.025	2.13	14.5	9.8	0.54	307	0.54	2.59	6.5	12.8	550
443049		3.29	15.70	0.06	3.5	0.031	1.99	15.1	19.4	1.03	441	0.48	2.15	6.2	31.1	140
443050		3.65	16.85	0.07	3.6	0.036	2.25	16.7	24.2	0.77	371	0.48	2.17	7.1	30.5	150

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Finalisée date: 5- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167263

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
443011		14.5	80.0	<0.002	0.01	0.16	7.7	1	1.0	253	0.47	<0.05	6.27	0.293	0.39	1.1
443012		14.9	85.2	<0.002	0.01	0.18	8.1	1	1.0	259	0.52	<0.05	6.60	0.294	0.40	1.2
443013		17.2	69.9	<0.002	0.01	0.27	11.2	1	1.5	202	0.66	<0.05	9.52	0.560	0.30	1.4
443014		16.1	70.8	<0.002	0.04	0.19	8.2	1	1.0	273	0.45	<0.05	7.16	0.273	0.39	1.3
443015		18.1	78.6	<0.002	0.01	0.16	10.2	1	1.1	303	0.52	<0.05	5.49	0.338	0.44	1.3
443016		13.3	81.9	<0.002	0.02	0.19	9.4	1	1.0	301	0.51	<0.05	8.15	0.263	0.44	2.0
443017		14.4	71.7	<0.002	0.04	0.26	10.6	1	1.1	210	0.50	<0.05	4.56	0.339	0.39	1.1
443018		17.7	61.9	<0.002	0.03	0.21	8.7	1	1.0	240	0.53	<0.05	7.04	0.325	0.36	1.5
443019		14.6	74.5	<0.002	0.01	0.17	8.7	1	1.0	297	0.51	<0.05	6.64	0.287	0.42	1.3
443020		13.6	56.6	<0.002	0.03	0.46	6.9	1	1.0	183.5	0.49	0.05	4.99	0.282	0.36	1.1
443021		14.6	77.5	<0.002	0.01	0.13	7.7	1	0.9	305	0.46	<0.05	5.63	0.251	0.40	1.1
443022		17.6	82.8	<0.002	0.02	0.21	7.9	1	1.1	251	0.54	<0.05	5.18	0.308	0.42	1.2
443023		64.5	134.0	<0.002	3.15	0.41	7.9	6	1.0	15.9	0.76	0.93	11.55	0.354	1.10	3.0
443024		17.8	84.8	<0.002	0.02	0.13	9.0	1	1.2	285	0.57	<0.05	5.87	0.321	0.44	1.4
443025		21.9	45.9	<0.002	0.05	0.88	51.8	4	2.8	35.5	1.06	0.11	16.00	0.825	0.26	2.9
443026		15.0	81.4	<0.002	0.02	0.16	8.0	1	1.1	283	0.52	<0.05	5.11	0.312	0.41	1.1
443027		13.9	84.0	<0.002	0.01	0.14	8.4	1	1.0	298	0.49	<0.05	5.91	0.266	0.43	1.0
443028		16.3	99.5	<0.002	0.05	0.32	6.8	1	0.9	155.0	0.43	0.06	8.43	0.230	0.62	1.9
443029		15.9	60.0	<0.002	0.05	0.35	6.3	1	0.8	142.0	0.37	0.07	8.01	0.186	0.43	2.5
443030		12.3	88.2	<0.002	0.02	0.19	5.5	1	1.3	77.5	0.50	0.05	7.08	0.250	0.36	1.3
443031		17.0	120.5	<0.002	0.01	0.34	6.2	1	1.2	73.9	0.47	0.22	6.64	0.236	0.94	1.1
443032		10.0	57.4	<0.002	0.03	0.43	5.7	1	1.3	141.5	0.41	0.05	4.84	0.213	0.38	0.8
443033		22.1	86.1	<0.002	0.01	0.13	7.6	1	1.2	230	0.47	0.06	4.67	0.284	0.47	1.1
443034		15.7	74.3	<0.002	0.02	0.19	7.5	1	1.1	228	0.62	<0.05	5.81	0.381	0.39	1.2
443035		15.6	85.7	<0.002	0.01	0.17	8.9	1	1.1	282	0.52	<0.05	6.75	0.294	0.46	1.3
443036		19.4	86.9	<0.002	0.03	0.20	8.0	1	1.3	214	0.54	0.06	7.08	0.314	0.43	1.6
443037		13.5	85.3	<0.002	0.01	0.11	7.4	1	1.0	300	0.51	<0.05	5.53	0.284	0.44	1.0
443038		14.2	68.7	<0.002	0.01	0.16	8.2	1	0.8	264	0.50	<0.05	4.20	0.251	0.38	1.0
443039		17.6	77.9	<0.002	0.01	0.23	8.3	1	1.0	264	0.81	0.13	4.99	0.274	0.43	1.1
443040		0.6	0.4	<0.002	<0.01	0.22	0.2	<1	0.5	0.7	0.07	<0.05	0.74	0.030	<0.02	0.1
443041		18.8	72.1	<0.002	0.01	0.21	8.7	1	0.9	278	0.54	<0.05	6.73	0.263	0.42	1.3
443042		15.3	70.3	<0.002	0.01	0.20	8.1	<1	1.0	258	0.53	0.05	4.70	0.277	0.41	1.0
443043		14.6	79.6	<0.002	<0.01	0.19	8.7	1	1.0	280	0.53	<0.05	4.52	0.267	0.44	0.9
443044		14.8	72.9	<0.002	0.01	0.20	8.3	<1	0.9	266	0.55	<0.05	7.03	0.267	0.43	1.1
443045		15.1	72.1	<0.002	0.01	0.18	8.3	1	1.0	257	0.54	0.06	6.20	0.289	0.42	1.2
443046		14.0	71.6	<0.002	0.01	0.24	8.3	1	1.0	228	1.12	<0.05	5.62	0.292	0.42	1.1
443047		17.8	70.1	<0.002	0.01	0.24	8.5	1	0.9	271	0.57	<0.05	6.44	0.282	0.40	1.2
443048		12.7	73.5	<0.002	<0.01	0.15	7.4	<1	0.8	329	0.49	<0.05	3.32	0.231	0.38	0.9
443049		13.3	70.7	<0.002	0.01	0.20	11.2	<1	0.9	252	0.46	<0.05	4.07	0.263	0.40	0.8
443050		15.0	82.1	<0.002	0.01	0.21	9.3	<1	1.0	269	0.52	<0.05	4.13	0.275	0.46	0.9

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Projet: KAN

CERTIFICAT D'ANALYSE VO17167263

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
443011		58	0.5	10.5	40	151.5
443012		63	0.6	8.7	54	156.0
443013		122	0.7	12.6	62	189.5
443014		59	0.4	9.5	43	132.0
443015		77	0.5	10.8	61	152.5
443016		54	0.5	16.2	40	168.0
443017		87	0.6	7.5	38	146.0
443018		82	0.5	10.4	36	142.5
443019		62	0.5	9.8	33	167.0
443020		72	0.6	6.9	29	150.0
443021		52	0.4	9.6	33	131.0
443022		65	0.5	7.7	38	172.5
443023		87	1.5	8.8	32	113.5
443024		64	0.6	9.4	35	172.5
443025		238	1.7	11.4	46	157.0
443026		71	0.6	7.6	28	155.0
443027		57	0.5	8.6	32	140.0
443028		42	0.4	13.6	43	107.5
443029		35	0.4	14.0	44	101.0
443030		43	9.0	5.7	29	165.5
443031		50	0.2	5.2	61	124.0
443032		44	0.4	4.9	53	117.0
443033		64	0.5	6.8	21	188.5
443034		76	0.6	7.7	30	160.0
443035		65	0.5	10.8	45	147.5
443036		79	0.6	7.6	48	145.5
443037		56	0.5	7.4	22	143.5
443038		67	0.8	7.7	31	129.5
443039		62	0.6	7.3	28	148.5
443040		2	0.2	0.7	3	9.1
443041		57	0.5	10.6	31	145.0
443042		62	0.6	7.4	33	150.5
443043		59	0.5	7.4	38	138.0
443044		58	0.5	8.5	34	141.5
443045		63	0.5	8.4	35	169.5
443046		65	0.6	8.1	45	136.0
443047		64	0.8	8.6	33	166.5
443048		49	0.4	8.0	26	172.5
443049		81	0.6	7.4	34	123.0
443050		70	0.5	7.4	35	127.0

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Projet: KAN

CERTIFICAT D'ANALYSE VO17167263

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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Finalisée date: 6- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167274

Projet: KAN

Bon de commande #: SOILKAN- 016

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

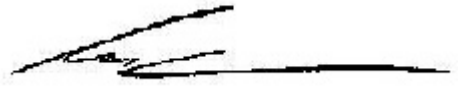
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167274

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
443051		0.19	0.018	0.24	6.68	316	230	0.52	1.13	3.40	0.21	34.9	117.5	76	2.91	627
443052		0.21	0.004	0.02	6.18	65.0	100	0.16	0.29	3.87	0.10	15.00	26.0	10	1.58	127.5
443053		0.19	0.001	0.05	6.98	12.7	670	1.35	0.12	1.36	0.07	67.6	12.9	53	1.76	74.4
443054		0.18	0.002	0.12	6.87	91.6	290	0.73	0.26	3.14	0.20	41.3	41.8	34	1.77	305
443055		0.24	0.001	0.05	7.75	7.9	770	1.55	0.10	1.67	0.05	73.3	10.0	63	2.05	31.9
443056		0.21	<0.001	0.01	7.38	212	90	0.26	0.05	2.11	0.09	8.75	72.7	378	0.61	21.5
443057		0.15	<0.001	0.03	7.03	247	550	1.15	0.14	1.36	0.07	48.0	17.4	104	1.36	12.3
443058		0.16	<0.001	0.03	6.89	116.5	610	1.02	0.10	1.49	0.09	46.1	17.7	91	1.25	16.2
443059		0.18	0.001	0.05	7.87	127.0	580	1.35	0.13	1.86	0.13	47.1	17.3	96	1.41	51.6
443060		0.22	<0.001	0.02	7.87	65.6	190	0.55	0.06	1.51	0.05	12.25	39.8	702	0.37	6.4
443061		0.17	<0.001	<0.01	6.05	0.6	470	1.19	0.11	0.56	0.02	89.2	7.4	30	2.07	5.3
443062		0.31	<0.001	0.04	5.72	0.3	710	1.46	0.31	0.33	<0.02	7.04	7.8	34	2.20	19.9
443063		0.17	<0.001	0.17	5.70	1.2	790	1.59	1.78	0.38	0.06	18.40	51.4	46	2.62	105.5
443064		0.14	<0.001	0.01	6.45	<0.2	830	1.73	0.09	0.49	0.06	56.5	9.1	51	2.93	11.6
443065		0.07	<0.001	0.04	9.39	11.1	150	0.98	0.36	0.31	0.03	54.3	7.9	115	6.91	33.7
443066		0.17	<0.001	0.03	6.49	1.0	760	1.61	0.17	0.48	0.07	39.6	10.6	46	2.85	13.2
443067		0.21	<0.001	0.04	6.38	3.6	590	1.39	0.11	0.97	0.15	62.0	10.9	51	2.40	10.0
443068		0.20	0.002	0.14	7.38	0.8	830	2.18	0.10	0.06	0.45	120.0	15.0	54	5.56	54.9
443069		0.22	0.001	0.06	6.06	0.9	670	1.84	0.13	0.20	0.31	78.8	14.8	42	4.02	35.4
443070		0.26	<0.001	0.03	6.96	3.3	530	1.62	0.14	0.88	0.08	30.6	14.1	49	2.62	7.1
443071		0.26	0.001	0.04	7.16	15.9	520	1.19	0.14	1.03	0.05	50.7	10.1	59	1.67	28.9
443072		0.18	0.001	0.03	6.11	6.3	580	1.07	0.17	0.91	0.07	38.9	5.8	48	1.63	10.5
443073		0.28	<0.001	0.05	6.47	4.1	620	1.12	0.13	1.11	0.05	31.8	6.2	49	2.59	10.1
443074		0.23	<0.001	0.04	6.53	3.8	610	0.90	0.13	1.28	0.07	32.1	7.6	58	1.08	14.2
443075		0.18	0.002	0.04	6.27	10.3	490	0.99	0.13	0.92	0.09	31.3	6.2	56	1.17	38.8
443076		0.21	0.001	0.09	6.59	21.6	590	1.14	0.11	1.18	0.12	39.6	12.1	57	1.22	96.5
443077		0.22	<0.001	0.05	6.34	17.8	610	1.33	0.10	1.38	0.42	53.5	13.7	45	1.65	30.3
443078		0.23	<0.001	0.04	6.37	4.6	600	1.12	0.11	1.15	0.07	36.4	6.5	47	1.29	14.6
443079		0.24	<0.001	0.94	7.05	4.1	640	1.24	0.12	1.38	0.08	38.5	11.0	51	1.71	18.4
443080		0.07	<0.001	0.01	0.09	0.5	<10	0.08	0.01	0.01	<0.02	2.09	0.4	6	0.10	5.0
443081		0.22	<0.001	0.10	6.60	27.1	220	0.56	0.16	2.14	0.21	23.2	63.5	39	1.38	303
443082		0.15	<0.001	0.16	6.96	7.4	600	1.31	0.12	1.04	0.11	42.3	11.4	83	3.23	16.5
443083		0.15	<0.001	0.11	7.03	6.5	160	0.36	0.09	1.91	0.23	18.55	30.0	96	0.36	63.9
443084		0.17	<0.001	0.12	4.82	2.7	240	0.76	0.06	0.87	0.34	49.8	15.5	62	1.96	49.1
443085		0.23	<0.001	0.04	6.80	2.1	730	1.61	0.13	1.01	0.12	40.9	8.8	53	4.57	7.1
443086		0.20	<0.001	0.08	7.49	5.5	650	1.83	0.19	0.95	0.14	49.3	14.8	68	3.55	16.4
443087		0.26	<0.001	0.07	6.40	2.6	680	1.17	0.14	1.07	0.06	36.9	5.4	52	2.47	5.0
443088		0.17	<0.001	0.05	6.79	9.5	620	1.65	0.20	0.73	0.06	38.0	12.1	63	4.63	13.8
443089		0.21	<0.001	0.17	7.26	9.3	620	1.41	0.16	0.94	0.09	51.1	11.4	73	3.12	10.3
443090		0.15	<0.001	0.11	6.28	13.2	580	1.22	0.17	0.78	0.08	35.2	5.6	59	2.54	8.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167274

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
443051		9.50	13.55	0.07	1.4	0.050	0.56	10.3	32.6	3.26	2060	1.01	0.37	3.3	93.1	1070
443052		14.25	20.7	0.07	2.8	0.109	0.26	5.7	20.1	1.41	953	0.84	0.04	6.6	5.8	280
443053		4.37	14.60	0.09	4.0	0.034	2.26	29.1	21.0	1.08	875	0.68	1.98	8.4	27.4	770
443054		8.14	16.25	0.09	3.7	0.135	0.72	21.2	20.5	2.56	2220	0.90	1.19	7.7	41.9	900
443055		3.62	16.70	0.11	5.2	0.035	2.50	34.9	22.1	1.04	495	0.48	2.47	7.1	28.4	870
443056		7.35	13.95	0.07	0.5	0.050	0.18	3.1	64.8	6.22	1640	0.24	0.83	1.3	136.0	120
443057		4.66	16.25	0.07	5.1	0.045	1.71	21.9	25.6	1.17	601	0.47	1.76	6.7	29.5	200
443058		3.82	17.60	0.07	6.1	0.039	1.88	21.8	23.0	1.23	464	0.38	1.92	7.7	32.9	310
443059		4.23	18.20	0.07	4.4	0.039	1.58	23.3	30.8	1.11	950	0.55	2.15	7.6	36.2	320
443060		6.66	15.90	0.05	2.0	0.043	0.51	5.0	34.8	5.49	840	0.25	1.49	2.9	114.0	150
443061		2.25	13.40	0.07	4.8	0.033	1.05	20.7	37.4	3.32	679	0.22	1.38	4.7	10.8	180
443062		3.10	14.10	0.05	5.1	0.033	1.78	3.5	25.1	1.71	170	1.48	1.23	2.3	10.0	160
443063		7.84	14.60	0.06	4.1	0.037	2.06	7.0	37.1	1.90	386	13.35	0.65	2.7	20.8	210
443064		2.07	17.10	0.07	4.6	0.034	2.50	16.3	40.1	2.34	431	0.34	1.30	3.5	15.4	170
443065		6.52	26.3	0.08	4.8	0.098	0.48	24.0	38.0	0.32	483	2.69	0.13	24.2	47.9	500
443066		2.45	16.90	0.05	5.3	0.039	1.94	9.7	45.4	1.41	249	0.33	1.32	3.8	11.3	200
443067		3.85	13.75	0.09	4.1	0.031	1.93	22.5	26.9	0.87	708	0.63	1.70	5.4	20.7	670
443068		4.48	18.60	0.14	4.1	0.044	3.60	63.3	68.1	2.68	215	1.02	0.86	4.1	40.5	430
443069		4.10	15.00	0.09	3.8	0.038	2.50	27.8	46.8	1.52	350	0.97	0.83	3.2	25.3	260
443070		4.53	17.35	0.07	3.8	0.036	1.60	12.1	42.0	2.34	926	1.01	1.76	7.2	18.6	450
443071		4.99	14.25	0.07	3.7	0.041	1.68	23.1	23.5	0.96	567	0.68	1.67	7.6	19.7	520
443072		4.05	17.50	0.07	4.3	0.033	1.76	18.7	13.0	0.64	387	0.76	1.76	8.7	13.1	190
443073		3.28	17.70	0.06	3.9	0.026	2.06	14.8	13.0	0.82	327	0.89	2.10	6.6	15.7	250
443074		3.68	17.55	0.09	4.6	0.030	1.86	16.1	8.6	0.84	390	1.06	2.02	7.5	18.3	210
443075		4.08	16.00	0.10	4.1	0.035	1.47	14.7	13.9	0.68	290	0.73	1.59	7.3	14.7	520
443076		3.77	15.60	0.10	4.4	0.029	1.78	20.4	16.3	0.79	435	0.49	1.98	7.3	23.4	230
443077		3.32	14.30	0.11	4.2	0.026	1.86	30.0	16.0	1.02	673	0.67	2.07	5.8	17.9	690
443078		3.17	14.80	0.10	4.5	0.030	1.82	17.5	12.9	0.64	341	0.56	2.06	6.4	14.2	260
443079		3.61	16.00	0.09	4.8	0.031	1.90	18.4	17.1	0.98	575	0.36	2.24	6.7	19.5	320
443080		0.33	0.27	0.06	0.3	<0.005	0.01	1.0	13.1	<0.01	32	0.67	<0.01	1.0	2.9	10
443081		10.10	16.55	0.07	1.4	0.078	0.33	11.6	26.0	2.82	2500	0.61	1.08	3.7	61.6	660
443082		5.30	17.45	0.09	4.6	0.041	1.89	21.3	23.9	1.16	695	0.89	1.76	8.0	24.6	450
443083		8.39	20.8	0.06	2.1	0.070	0.45	7.9	19.8	3.00	864	0.56	1.04	5.6	50.4	420
443084		3.46	12.20	0.08	2.2	0.042	0.50	23.7	44.5	3.36	2610	0.25	0.57	4.3	30.8	280
443085		3.58	17.75	0.10	5.3	0.042	2.01	20.3	29.4	1.69	605	0.65	1.59	6.1	15.3	270
443086		5.18	17.30	0.10	4.5	0.045	2.07	20.6	37.1	1.34	959	1.63	1.82	8.3	26.5	540
443087		3.64	18.45	0.09	6.2	0.032	2.00	18.6	11.7	0.71	428	0.75	1.77	9.0	12.0	280
443088		7.34	16.20	0.08	4.4	0.044	1.84	17.5	37.1	1.18	952	1.74	1.59	7.9	22.5	570
443089		5.42	18.10	0.10	4.9	0.045	1.98	24.4	27.0	0.96	707	1.15	1.79	9.8	22.9	830
443090		5.18	18.50	0.09	5.2	0.046	1.74	18.1	15.5	0.71	516	1.12	1.56	9.4	13.5	760

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167274

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
443051		7.5	39.2	0.002	0.07	0.65	25.1	3	0.8	77.3	0.23	1.02	3.92	0.453	0.26	1.0
443052		7.4	16.7	<0.002	0.03	0.49	44.5	2	1.2	211	0.42	1.80	2.06	1.185	0.12	0.5
443053		15.2	83.2	<0.002	0.01	0.32	10.1	1	1.1	215	0.57	0.05	7.05	0.381	0.46	1.4
443054		7.4	30.2	<0.002	0.05	0.52	28.3	3	3.7	125.0	0.51	0.40	5.47	0.770	0.26	1.5
443055		16.4	93.9	<0.002	0.01	0.21	10.2	1	1.1	318	0.50	<0.05	9.84	0.289	0.48	1.5
443056		2.0	8.0	<0.002	0.01	0.17	55.6	1	0.3	43.4	0.09	<0.05	0.63	0.340	0.07	0.2
443057		16.1	57.7	<0.002	0.01	0.22	12.7	1	1.1	228	0.45	<0.05	7.11	0.298	0.41	1.2
443058		14.2	63.8	<0.002	0.02	0.16	12.1	1	1.2	250	0.51	<0.05	6.33	0.331	0.42	1.2
443059		18.0	50.8	<0.002	0.02	0.31	12.4	1	1.4	258	0.54	<0.05	7.02	0.355	0.40	1.6
443060		6.0	5.8	<0.002	0.01	0.12	45.5	<1	0.5	115.0	0.21	<0.05	1.40	0.350	0.12	0.3
443061		14.2	33.5	<0.002	0.01	0.09	5.6	<1	1.0	70.1	0.31	0.06	9.92	0.184	0.24	1.4
443062		25.4	55.5	<0.002	0.01	0.17	6.8	<1	1.0	44.4	0.17	0.15	4.18	0.176	0.20	1.9
443063		91.4	67.7	0.002	0.05	0.38	7.8	1	1.0	41.0	0.15	0.96	6.60	0.204	0.31	3.1
443064		11.8	91.3	<0.002	0.02	0.10	8.7	1	1.1	55.0	0.20	<0.05	8.77	0.219	0.46	2.1
443065		24.5	65.3	<0.002	0.05	0.65	14.9	4	4.3	51.9	1.69	0.05	16.75	1.025	0.38	2.9
443066		19.1	64.2	<0.002	0.02	0.11	7.7	<1	1.2	80.2	0.22	0.09	7.73	0.224	0.27	1.5
443067		15.2	78.1	<0.002	0.01	0.17	7.5	1	1.0	206	0.38	<0.05	8.96	0.231	0.40	1.4
443068		9.5	116.0	<0.002	0.02	0.43	9.2	2	1.3	29.6	0.27	0.14	17.70	0.221	0.80	4.2
443069		16.3	81.8	<0.002	0.02	0.31	7.4	1	1.1	41.5	0.20	0.14	11.90	0.177	0.52	3.4
443070		14.6	70.4	<0.002	0.01	0.17	7.8	1	1.3	146.5	0.63	<0.05	7.24	0.278	0.28	1.7
443071		20.6	60.5	<0.002	0.03	0.24	9.8	1	1.1	195.5	0.57	<0.05	9.85	0.308	0.41	1.5
443072		27.6	62.6	<0.002	0.01	0.27	9.3	1	1.3	188.0	0.63	0.09	5.38	0.404	0.41	1.2
443073		17.0	81.9	<0.002	0.01	0.18	8.0	<1	1.1	239	0.52	<0.05	4.82	0.290	0.41	1.1
443074		17.0	62.6	0.002	0.01	0.22	9.6	1	1.2	255	0.55	0.06	4.45	0.391	0.39	1.1
443075		16.6	50.8	0.002	0.04	0.25	8.7	1	1.1	182.0	0.51	0.05	5.21	0.328	0.32	1.3
443076		15.7	64.2	<0.002	0.02	0.20	9.4	1	1.0	239	0.52	0.05	5.22	0.303	0.37	1.1
443077		23.0	68.3	<0.002	0.01	0.32	7.8	1	0.9	232	0.43	0.05	11.85	0.223	0.35	1.3
443078		18.2	63.4	<0.002	0.01	0.18	7.7	1	1.0	248	0.44	0.05	4.86	0.271	0.39	1.1
443079		18.4	69.4	<0.002	0.01	0.18	10.8	1	1.0	273	0.50	<0.05	4.37	0.308	0.43	1.1
443080		0.8	0.6	<0.002	<0.01	0.20	0.2	<1	0.5	1.4	0.07	<0.05	0.64	0.030	0.02	0.1
443081		16.0	26.4	<0.002	0.07	0.41	43.2	3	0.9	75.7	0.25	0.34	2.11	0.567	0.17	0.6
443082		16.3	96.5	<0.002	0.01	0.24	10.4	1	1.2	212	0.53	0.05	7.66	0.323	0.44	1.4
443083		10.4	14.0	<0.002	0.02	0.24	41.6	1	0.8	94.8	0.38	0.10	2.15	0.699	0.10	0.5
443084		12.3	19.6	<0.002	0.01	0.09	9.1	<1	0.8	47.1	0.31	<0.05	5.93	0.209	0.23	1.7
443085		13.8	108.5	<0.002	0.01	0.12	9.4	<1	1.2	178.0	0.42	0.05	8.48	0.310	0.40	1.7
443086		19.6	98.7	0.002	0.01	0.24	9.5	1	1.3	211	0.58	0.14	8.32	0.319	0.47	1.5
443087		15.5	81.1	<0.002	0.01	0.22	9.2	<1	1.5	220	0.64	<0.05	6.06	0.382	0.46	1.5
443088		15.3	102.5	<0.002	0.01	0.26	8.4	1	1.3	174.5	0.55	0.12	9.31	0.302	0.43	1.3
443089		18.6	94.0	<0.002	0.03	0.29	9.4	1	1.4	218	0.68	0.05	10.25	0.370	0.47	1.7
443090		16.8	75.6	<0.002	0.02	0.33	8.7	<1	1.5	183.0	0.63	0.09	7.09	0.353	0.47	1.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167274

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
443051		205	0.7	15.2	89	57.8
443052		405	0.6	29.9	48	112.0
443053		81	0.7	12.1	53	155.5
443054		213	0.7	27.7	119	141.5
443055		67	0.6	13.4	54	201
443056		228	0.2	10.4	88	19.0
443057		93	0.5	9.0	55	196.5
443058		94	0.5	8.9	59	228
443059		98	0.7	9.8	50	172.5
443060		229	0.3	9.4	72	76.8
443061		30	0.5	6.3	43	185.5
443062		60	0.7	4.3	36	189.0
443063		68	0.9	6.1	50	169.0
443064		44	0.9	6.5	48	179.5
443065		156	2.4	12.0	46	180.0
443066		48	0.9	5.8	45	202
443067		67	0.5	8.4	83	154.5
443068		188	0.8	12.9	110	154.5
443069		124	0.6	8.2	88	140.0
443070		67	0.7	8.4	92	146.5
443071		75	0.6	9.1	51	141.5
443072		97	0.8	7.9	38	164.5
443073		76	0.6	7.0	34	149.0
443074		96	0.5	8.0	39	175.0
443075		84	0.6	7.4	29	148.5
443076		71	0.6	8.9	39	168.5
443077		54	0.5	11.1	151	156.5
443078		63	0.5	9.1	32	170.5
443079		90	0.5	9.7	41	180.0
443080		3	0.2	0.7	4	8.9
443081		341	0.6	23.3	112	51.5
443082		87	0.7	8.4	73	178.5
443083		326	0.8	17.5	77	79.8
443084		62	0.3	10.2	141	85.4
443085		85	0.7	8.5	78	195.0
443086		79	0.8	8.7	107	169.5
443087		86	1.0	8.3	39	228
443088		73	0.8	7.3	83	165.5
443089		91	0.9	9.3	88	182.5
443090		87	1.0	8.2	55	201

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À: MINIÈRE OSISKO INC.
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Finalisée date: 6- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167274

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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Finalisée date: 6- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167277

Projet: KAN

Bon de commande #: SOILKAN- 017

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

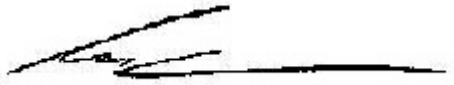
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 6- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167277

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
443091		0.23	<0.001	0.08	6.59	6.0	580	1.50	0.12	1.00	0.09	51.3	9.8	72	2.88	10.6
443092		0.19	<0.001	0.08	7.20	4.3	700	1.47	0.10	1.27	0.09	44.7	8.5	62	2.36	7.6
443093		0.19	<0.001	0.02	6.60	4.4	620	1.45	0.17	1.32	0.07	57.2	17.0	55	2.61	17.4
443094		0.26	<0.001	0.03	6.94	3.3	760	1.56	0.16	0.90	0.07	101.5	16.5	54	5.12	16.5
443095		0.30	<0.001	0.04	6.65	2.9	690	1.33	0.11	1.52	0.06	58.4	8.2	46	1.60	15.2
443096		0.24	<0.001	0.02	5.54	17.2	640	1.19	0.18	0.96	0.05	29.5	7.7	43	6.34	13.2
443097		0.18	<0.001	0.06	5.69	1.3	630	1.03	0.17	1.09	0.08	34.5	4.2	38	2.43	11.9
443098		0.25	<0.001	0.09	5.44	2.0	510	1.32	0.16	1.05	0.14	52.0	5.8	40	6.71	37.3
443099		0.16	<0.001	0.03	4.16	1.4	280	0.96	0.07	0.41	0.09	19.15	9.1	30	10.75	13.6
443100		0.21	<0.001	0.03	6.26	5.1	550	1.09	0.12	1.16	0.04	22.4	6.3	39	2.38	6.2
443101		0.46	<0.001	0.04	4.11	7.4	310	0.76	0.13	0.75	0.10	35.6	18.0	33	1.82	44.9
443102		0.46	<0.001	0.04	5.85	10.2	580	1.66	0.19	0.83	0.07	49.8	14.8	55	3.84	40.7
443103		0.47	0.004	0.02	5.79	15.3	520	1.36	0.17	0.69	0.05	53.2	7.9	46	2.64	30.2
443104		0.56	<0.001	0.01	6.29	2.1	710	1.19	0.09	1.30	0.02	40.1	5.5	45	2.16	12.5
443105		0.07	0.021	0.15	8.18	13.0	190	0.75	0.33	0.19	0.03	37.3	28.9	533	3.94	370
443106		0.56	0.002	0.04	6.60	15.4	680	1.50	0.16	1.28	0.10	80.7	18.1	118	3.17	45.2
443107		0.41	<0.001	0.02	6.19	4.2	660	2.46	0.11	0.95	0.04	39.7	19.3	48	1.93	13.1
443108		0.48	0.001	0.15	6.33	23.4	620	1.58	0.15	1.62	0.18	83.6	12.3	63	3.77	65.4
443109		0.37	0.001	0.20	5.30	17.3	510	1.13	0.16	1.29	0.12	66.4	16.2	55	2.39	55.1
443110		0.40	0.001	0.03	6.66	17.1	570	1.16	0.17	1.08	0.08	49.8	9.0	78	1.97	16.2
443111		0.32	<0.001	0.05	5.89	85.3	600	0.98	0.13	1.36	0.08	29.9	9.6	51	2.86	12.8
443112		0.38	<0.001	0.04	6.71	285	680	1.71	0.20	1.08	0.05	38.6	10.7	68	2.17	13.9
443113		0.30	<0.001	0.08	5.88	182.5	600	1.15	0.12	1.96	0.25	40.1	12.2	191	4.42	55.2
443114		0.48	<0.001	0.04	6.42	3.7	610	1.27	0.12	1.07	0.07	41.3	4.4	44	1.33	7.9
443115		0.38	0.002	0.01	6.41	21.3	480	1.42	0.24	0.83	0.07	56.7	15.7	77	2.29	49.4
443116		0.40	<0.001	0.03	6.61	9.2	620	1.18	0.11	1.46	0.05	39.2	8.6	62	1.57	15.4
443117		0.41	<0.001	0.04	6.56	8.9	720	1.32	0.13	1.49	0.07	33.2	6.4	44	1.36	7.1
443118		0.51	<0.001	0.10	6.44	5.0	660	1.35	0.12	1.47	0.07	52.1	8.5	47	1.64	25.1
443119		0.36	<0.001	0.08	6.42	8.9	600	1.17	0.16	1.08	0.13	37.2	15.1	91	2.22	7.7
443120		0.07	<0.001	0.01	0.09	0.7	<10	0.08	0.02	0.01	<0.02	2.08	0.4	6	0.09	4.6
443121		0.38	<0.001	0.04	6.39	3.9	530	1.38	0.11	1.84	0.06	44.2	6.8	44	1.59	11.4
443122		0.32	0.008	0.07	3.36	12.9	230	1.23	0.09	0.54	1.15	64.7	19.2	26	12.05	134.0
443123		0.29	<0.001	0.02	6.13	8.1	640	1.00	0.11	1.13	0.05	29.4	4.3	40	1.18	5.7
443124		0.29	<0.001	<0.01	6.44	18.8	620	1.27	0.11	1.30	0.09	30.7	6.6	50	1.29	7.4
443125		0.32	<0.001	0.05	6.74	84.1	120	0.55	0.08	1.20	0.05	10.25	24.0	106	0.93	6.4
443126		0.31	<0.001	0.03	4.63	29.8	310	1.83	0.09	2.52	0.19	58.5	13.3	28	12.05	32.7
443127		0.49	<0.001	0.02	7.18	3.7	680	1.43	0.16	1.40	0.10	34.3	7.2	55	1.85	4.4
443128		0.39	0.058	0.08	6.64	3.7	640	1.50	2.09	0.43	0.40	21.8	14.7	49	1.63	33.2
443129		0.18	<0.001	0.84	3.14	6.4	160	0.73	0.14	0.30	0.92	72.2	14.7	30	0.47	406
443130		0.14	0.050	0.88	2.58	4.1	160	0.66	0.14	0.30	1.14	58.6	12.5	22	0.41	341

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167277

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
443091		5.81	15.25	0.13	5.2	0.034	1.95	24.2	25.8	0.96	666	1.03	1.87	7.0	19.9	590
443092		3.95	16.45	0.15	4.5	0.035	2.34	21.2	27.3	0.98	396	0.80	2.14	7.2	21.4	290
443093		4.15	15.10	0.16	5.1	0.035	2.06	27.0	24.5	1.06	1460	0.47	2.07	6.8	22.3	600
443094		4.33	16.95	0.17	4.7	0.042	2.41	39.7	41.0	1.24	3760	0.32	1.67	5.6	25.8	540
443095		3.08	14.40	0.15	3.8	0.030	2.22	29.2	15.0	0.79	561	0.35	2.37	6.6	18.2	760
443096		6.46	17.70	0.13	3.8	0.036	2.02	14.3	13.9	1.08	1060	1.05	1.58	7.0	13.6	160
443097		3.03	14.65	0.14	4.8	0.024	1.96	16.7	7.8	0.54	951	0.69	1.92	6.4	9.9	480
443098		4.48	13.60	0.15	3.8	0.031	1.59	24.9	12.3	0.83	672	2.25	1.81	7.3	13.6	480
443099		10.30	11.35	0.09	2.1	0.029	0.59	9.0	21.9	2.85	3080	1.45	0.09	6.6	14.4	460
443100		5.26	15.95	0.13	2.7	0.028	1.78	10.4	14.9	0.84	631	0.79	2.01	7.8	11.8	380
443101		11.00	10.50	0.09	2.2	0.027	0.88	17.2	10.0	0.76	2650	0.76	1.13	4.5	12.1	360
443102		8.09	14.70	0.11	3.5	0.044	1.61	17.5	36.4	0.98	1930	0.75	1.28	6.9	19.1	330
443103		5.96	13.25	0.12	4.1	0.031	1.51	28.4	18.7	1.11	845	0.61	1.43	6.6	16.0	260
443104		3.17	13.00	0.14	4.6	0.029	2.16	20.5	12.6	0.75	536	0.23	2.11	6.0	14.1	310
443105		14.25	20.4	0.11	3.8	0.092	0.41	16.8	21.9	0.23	471	2.37	0.10	14.2	227	420
443106		5.18	15.50	0.13	5.7	0.043	1.76	33.7	32.0	1.73	2980	0.54	1.58	8.0	46.6	640
443107		3.78	13.35	0.15	4.1	0.032	1.38	18.5	30.5	1.55	1440	0.40	1.57	6.5	18.9	220
443108		5.23	14.25	0.17	3.8	0.033	1.78	52.1	23.0	1.28	1520	0.65	1.68	6.8	33.6	1170
443109		4.94	11.75	0.16	3.1	0.033	1.38	40.8	14.6	0.71	1400	0.89	1.41	5.6	23.3	1420
443110		4.75	16.10	0.14	4.3	0.036	1.84	22.2	18.7	0.80	497	0.68	1.88	7.8	20.9	310
443111		4.03	13.75	0.16	3.3	0.029	1.93	14.3	13.6	0.79	634	0.61	1.87	6.3	15.4	430
443112		5.30	16.60	0.12	5.1	0.042	2.18	17.1	24.8	0.77	534	1.62	1.88	6.8	22.2	230
443113		3.23	14.35	0.12	3.7	0.039	1.82	19.3	20.4	1.12	395	0.54	1.44	5.2	33.8	290
443114		2.58	14.85	0.10	5.2	0.031	1.87	18.8	13.8	0.47	244	0.52	1.95	6.0	10.6	230
443115		7.66	12.80	0.14	4.1	0.041	1.52	24.5	26.6	0.76	1130	2.29	1.52	6.4	27.8	320
443116		2.93	15.10	0.12	4.2	0.029	1.96	17.0	17.4	0.81	393	0.42	2.37	6.3	21.3	540
443117		3.34	17.40	0.11	6.1	0.029	2.20	14.2	10.1	0.58	616	3.68	2.48	7.6	13.1	340
443118		3.35	14.75	0.15	5.2	0.028	2.11	29.1	14.4	0.69	424	0.64	2.24	6.8	19.5	760
443119		4.20	18.05	0.12	4.1	0.029	1.85	15.2	31.2	0.92	879	0.55	1.94	6.9	20.3	470
443120		0.34	0.30	<0.05	0.3	<0.005	0.01	1.0	16.9	<0.01	31	0.65	<0.01	0.9	2.7	10
443121		3.15	18.30	0.12	5.8	0.030	1.75	19.9	13.6	1.51	540	0.30	2.11	7.1	14.3	160
443122		15.10	8.84	0.23	2.6	0.064	0.59	46.1	18.6	1.54	5570	1.02	0.31	4.9	21.1	620
443123		2.25	16.35	0.10	4.8	0.027	1.97	13.5	9.3	0.48	236	0.33	2.03	6.1	9.7	180
443124		3.19	16.90	0.13	4.5	0.030	1.88	13.9	15.7	0.61	282	0.34	2.13	6.7	13.4	130
443125		7.56	18.00	0.11	1.6	0.067	0.35	4.5	41.5	4.15	1140	0.44	1.63	3.0	65.2	190
443126		9.71	11.60	0.14	3.1	0.038	0.82	30.9	45.2	3.49	4420	0.36	1.41	5.4	15.6	310
443127		3.50	18.45	0.13	5.7	0.039	2.22	15.2	20.9	0.77	357	0.47	2.26	9.2	15.3	120
443128		6.99	19.60	0.11	5.9	0.134	2.71	9.1	20.0	0.74	1090	0.86	0.71	7.4	16.8	330
443129		3.37	4.81	0.12	0.8	0.031	0.39	49.7	7.7	0.42	560	0.55	0.29	1.4	45.1	1680
443130		2.95	3.72	0.10	0.8	0.026	0.35	39.2	5.3	0.27	371	0.61	0.25	1.3	52.5	1580

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167277

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
443091		14.9	85.0	<0.002	0.02	0.22	8.8	1	1.0	217	0.49	<0.05	11.45	0.260	0.41	1.5
443092		15.1	87.7	<0.002	0.01	0.15	9.0	1	1.1	271	0.49	<0.05	6.58	0.279	0.42	1.2
443093		16.0	73.8	<0.002	0.02	0.20	9.0	1	1.0	251	0.51	0.09	7.24	0.289	0.38	1.8
443094		20.5	95.4	<0.002	0.03	0.21	9.9	1	1.1	181.0	0.41	0.09	12.80	0.288	0.52	2.4
443095		13.3	75.7	<0.002	0.01	0.17	8.6	1	0.9	296	0.51	<0.05	6.91	0.257	0.40	1.8
443096		11.9	81.1	<0.002	0.01	0.66	8.6	1	1.3	176.0	0.44	0.15	4.79	0.311	0.38	1.1
443097		13.7	66.9	<0.002	0.02	0.18	6.8	1	1.1	238	0.49	0.06	4.93	0.279	0.40	1.2
443098		20.5	69.1	<0.002	0.03	0.21	7.1	1	1.1	202	0.51	0.05	5.90	0.263	0.37	1.9
443099		37.2	54.5	<0.002	0.02	0.18	5.0	1	0.7	22.6	0.40	0.07	5.59	0.201	0.29	0.9
443100		13.4	64.8	<0.002	0.01	0.15	6.7	1	1.0	244	0.54	<0.05	3.10	0.259	0.37	0.8
443101		10.8	31.0	<0.002	0.02	0.16	6.1	1	0.7	108.5	0.30	0.13	5.16	0.191	0.23	0.9
443102		13.5	64.3	<0.002	0.02	0.17	8.2	1	1.1	130.5	0.48	0.10	8.11	0.259	0.40	1.2
443103		13.5	54.8	<0.002	0.02	0.18	7.2	1	1.1	138.5	0.46	0.11	7.64	0.253	0.35	1.5
443104		17.1	69.3	<0.002	0.01	0.13	6.9	1	0.8	271	0.43	<0.05	4.89	0.243	0.37	1.0
443105		19.5	39.7	<0.002	0.05	0.83	51.1	3	2.5	32.7	0.99	0.11	14.80	0.737	0.24	2.5
443106		14.3	61.6	<0.002	0.03	0.15	11.8	1	1.1	167.0	0.55	0.08	12.70	0.335	0.35	1.9
443107		16.0	45.6	<0.002	0.01	0.10	7.5	<1	0.9	142.0	0.46	<0.05	6.18	0.254	0.27	1.4
443108		13.1	76.9	<0.002	0.05	0.37	11.2	2	1.0	194.5	0.47	0.05	11.30	0.257	0.45	2.7
443109		13.7	47.0	<0.002	0.11	0.29	10.2	1	0.8	168.5	0.39	0.05	8.02	0.220	0.37	2.2
443110		16.7	62.3	<0.002	0.02	0.31	9.0	1	1.1	215	0.54	<0.05	7.86	0.326	0.38	1.4
443111		11.1	80.4	<0.002	0.03	0.25	7.8	<1	0.9	219	0.47	0.07	3.78	0.266	0.40	0.9
443112		18.4	86.1	<0.002	0.02	0.39	9.0	1	1.1	230	0.54	0.10	5.41	0.312	0.43	1.1
443113		13.3	89.2	<0.002	0.03	0.40	11.7	1	0.9	173.0	0.37	0.05	4.43	0.287	0.43	1.3
443114		13.9	69.5	<0.002	0.02	0.18	7.5	1	1.0	241	0.45	<0.05	5.74	0.259	0.44	1.2
443115		25.9	59.6	<0.002	0.03	0.40	8.8	1	0.9	179.0	0.46	0.14	7.03	0.251	0.40	1.4
443116		13.0	77.3	<0.002	0.01	0.16	8.4	<1	0.9	291	0.51	<0.05	4.83	0.276	0.42	1.0
443117		16.3	84.8	<0.002	0.01	0.27	7.4	1	1.2	319	0.57	0.05	4.06	0.298	0.48	1.8
443118		12.8	85.5	<0.002	<0.01	0.23	8.7	1	0.9	281	0.57	<0.05	6.99	0.281	0.48	1.4
443119		16.4	78.1	<0.002	0.02	0.17	9.1	1	1.1	228	0.54	<0.05	5.16	0.322	0.41	1.1
443120		<0.5	0.6	<0.002	<0.01	0.21	0.2	1	0.5	1.3	0.06	<0.05	0.62	0.030	<0.02	0.1
443121		12.8	71.3	<0.002	0.01	0.13	7.2	1	1.3	218	0.55	<0.05	9.15	0.296	0.33	1.0
443122		18.1	82.7	<0.002	0.04	0.29	5.0	2	1.2	42.0	0.35	0.06	7.19	0.152	0.50	3.0
443123		15.0	69.6	<0.002	0.01	0.14	7.3	1	1.1	254	0.45	<0.05	3.79	0.288	0.43	1.0
443124		14.4	67.5	<0.002	0.01	0.16	9.0	1	1.1	263	0.49	<0.05	3.33	0.299	0.38	0.9
443125		9.5	6.7	<0.002	0.02	0.28	46.7	1	0.6	70.6	0.23	<0.05	1.50	0.323	0.13	0.4
443126		11.6	85.7	<0.002	0.03	0.59	5.9	1	0.9	35.9	0.39	<0.05	8.73	0.183	0.49	1.2
443127		16.5	83.9	<0.002	0.01	0.15	9.4	1	1.2	287	1.11	<0.05	4.86	0.326	0.46	1.6
443128		13.6	97.2	<0.002	0.01	0.42	8.7	1	1.9	98.4	0.54	2.06	7.86	0.285	0.44	1.6
443129		9.9	15.0	0.002	0.16	0.13	7.6	2	0.5	33.7	0.11	0.06	3.14	0.068	0.13	2.6
443130		11.0	13.0	0.003	0.15	0.12	5.3	2	0.3	29.9	0.11	<0.05	2.73	0.061	0.11	2.2

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Finalisée date: 6- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167277

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
443091		66	0.7	8.6	97	193.5
443092		64	0.5	8.5	54	169.0
443093		60	0.5	11.8	54	186.0
443094		60	1.3	13.7	58	173.5
443095		54	0.4	11.8	41	141.5
443096		71	0.8	7.5	35	143.5
443097		56	0.5	7.8	28	178.5
443098		59	0.5	12.1	32	138.0
443099		46	0.2	7.3	68	83.6
443100		60	0.4	6.7	39	98.3
443101		53	0.4	5.6	25	82.7
443102		56	0.8	8.0	40	128.0
443103		52	0.7	8.9	35	153.0
443104		42	0.5	8.9	26	176.0
443105		224	1.5	11.0	42	141.0
443106		68	0.8	16.4	61	211
443107		56	0.9	8.9	27	153.0
443108		53	0.6	21.0	49	141.5
443109		54	0.5	14.4	34	115.0
443110		76	0.6	9.2	35	155.5
443111		65	0.7	6.7	33	125.0
443112		73	0.7	7.7	44	178.5
443113		82	0.6	8.3	35	130.5
443114		52	0.5	7.4	19	177.5
443115		61	0.6	9.2	39	142.5
443116		55	0.5	8.9	41	148.0
443117		98	0.5	7.6	31	213
443118		57	0.6	12.2	48	184.0
443119		78	0.6	7.6	56	143.5
443120		2	0.2	0.6	3	8.0
443121		57	0.7	7.7	32	207
443122		30	0.2	12.6	273	92.1
443123		57	0.5	6.3	20	167.5
443124		71	0.5	7.3	25	163.5
443125		230	0.4	11.3	83	61.2
443126		31	0.3	17.4	79	114.0
443127		73	0.6	8.1	38	198.0
443128		66	1.0	6.3	276	209
443129		30	0.3	16.4	89	26.4
443130		21	0.3	12.8	69	25.3

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À: MINIÈRE OSISKO INC.
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Finalisée date: 6- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167277

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167280

Projet: KAN

Bon de commande #: SOILKAN- 018

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

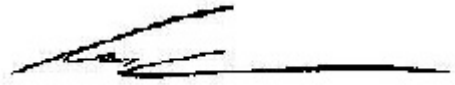
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 12- SEPT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17167280

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
443131		0.28	0.010	0.09	5.28	35.7	530	0.95	0.24	1.70	0.79	46.3	41.9	54	1.52	48.1
443132		0.29	0.013	0.27	3.96	28.3	290	0.92	0.44	1.79	2.18	43.8	31.0	25	0.67	169.5
443133		0.27	<0.001	0.06	5.00	5.5	500	0.94	0.10	2.47	0.37	51.5	7.5	36	1.08	18.2
443134		0.50	<0.001	0.03	7.00	2.5	740	1.22	0.10	1.52	0.05	49.9	7.5	44	1.25	11.6
443135		0.47	<0.001	0.07	7.43	14.4	620	1.46	0.32	0.94	0.17	80.1	17.1	65	2.11	15.0
443136		0.40	<0.001	0.03	6.90	3.5	670	1.24	0.18	1.23	0.10	61.7	6.4	46	1.51	12.4
443137		0.48	<0.001	0.02	7.54	4.8	620	1.36	0.12	1.31	0.04	35.1	6.9	51	1.60	7.2
443138		0.31	<0.001	0.06	6.96	59.6	370	0.66	0.09	2.04	0.10	23.9	32.4	147	2.70	17.2
443139		0.42	<0.001	0.03	7.13	90.8	710	1.28	0.12	1.56	0.05	45.0	13.4	93	3.30	30.5
443140		0.34	<0.001	0.03	6.88	128.0	220	0.76	0.04	1.88	0.17	12.10	67.6	893	2.18	52.4
443141		0.37	<0.001	0.03	7.74	5.3	710	1.25	0.18	1.28	0.14	40.9	6.8	60	2.29	14.7
443142		0.24	<0.001	0.12	4.78	4.1	390	1.50	0.15	0.54	0.33	56.1	24.6	38	9.88	80.3
443143		0.26	<0.001	0.11	5.15	130.5	550	0.90	0.08	2.47	0.13	53.6	27.4	43	2.55	155.0
443144		0.28	0.005	0.10	5.57	174.0	520	0.91	0.09	2.63	0.19	47.1	30.8	38	2.03	178.5
443145		0.07	<0.001	0.03	9.80	11.0	160	0.89	0.38	0.32	0.04	51.8	7.9	115	6.78	34.1
443146		0.34	<0.001	0.04	6.72	9.4	600	1.27	0.12	1.23	0.10	53.8	13.0	53	1.60	18.3
443147		0.35	0.046	0.16	4.00	60.7	380	1.99	0.17	0.72	0.29	81.9	18.7	46	6.70	112.0
443148		0.35	0.009	0.29	4.50	21.6	340	1.41	0.63	0.39	0.04	44.7	3.7	62	7.82	96.8
443149		0.21	<0.001	0.09	5.23	14.4	490	0.90	0.21	1.08	0.24	33.5	5.7	57	1.70	35.3
443150		0.38	<0.001	0.03	6.77	5.5	690	1.28	0.14	1.31	0.07	41.4	10.0	45	1.41	7.2
443151		0.25	<0.001	0.05	5.65	8.6	300	1.14	0.11	2.16	0.11	39.1	13.0	42	2.22	26.8
443152		0.28	<0.001	0.03	7.34	3.8	80	0.57	0.13	0.94	0.30	15.65	85.5	1230	0.88	93.4
443153		0.31	0.001	0.04	7.09	57.6	280	1.07	0.12	1.00	0.04	30.1	41.4	166	1.42	186.0
443154		0.28	0.001	0.07	7.82	64.4	130	0.32	0.05	3.77	0.40	13.85	67.1	748	0.70	355
443155		0.20	<0.001	0.09	7.22	220	620	1.19	0.15	1.83	0.28	48.2	36.0	157	2.04	91.7
443156		0.28	<0.001	0.02	7.83	37.0	560	1.20	0.08	1.77	0.05	33.8	19.8	255	1.02	21.8
443157		0.25	<0.001	0.05	7.06	84.1	510	0.83	0.12	1.41	0.07	34.6	17.2	270	0.85	7.1
443158		0.27	0.001	0.04	8.05	28.3	750	1.56	0.11	1.60	0.05	54.4	14.2	79	1.95	58.2
443159		0.29	<0.001	0.04	7.18	169.0	310	0.66	0.10	3.13	0.15	26.6	38.7	65	2.21	140.0
443160		0.07	<0.001	0.01	0.10	1.0	<10	0.05	0.03	0.01	<0.02	2.10	0.5	6	0.10	4.8
443161		0.26	<0.001	0.10	6.82	8.2	210	0.49	0.06	3.64	0.13	16.85	40.3	88	1.85	245
443162		0.31	<0.001	0.07	7.37	22.8	180	0.46	0.06	1.63	0.22	15.90	49.5	262	1.61	82.9
443163		0.31	<0.001	0.05	6.58	10.1	360	0.64	0.10	1.50	0.07	27.7	20.2	205	0.91	18.9
443164		0.36	<0.001	0.03	7.20	24.4	550	1.18	0.10	1.51	0.08	44.7	20.5	204	1.77	46.6
443165		0.23	<0.001	0.01	6.55	11.2	680	1.08	0.12	1.49	0.04	41.7	5.5	89	2.09	17.5
443166		0.37	<0.001	0.05	7.07	14.5	640	1.54	0.18	1.19	0.06	46.1	12.4	89	3.69	18.8
443167		0.27	<0.001	<0.01	9.40	1.6	50	0.36	0.03	1.14	0.05	6.10	51.8	875	0.44	32.5
443168		0.20	0.006	0.02	6.54	66.2	470	0.83	0.11	1.50	0.06	36.0	14.6	174	0.79	5.7
443169		0.23	<0.001	0.11	6.52	91.4	600	0.96	0.14	1.48	0.09	42.1	15.1	73	1.30	78.5
443170		0.18	<0.001	0.11	5.84	23.8	640	0.92	0.14	1.38	0.08	40.1	6.4	57	1.01	89.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167280

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
443131		6.01	11.90	0.12	3.5	0.058	1.41	21.5	19.0	0.89	3810	0.63	1.34	5.9	26.7	770
443132		10.10	8.96	0.11	2.6	0.158	0.93	24.5	19.1	1.59	3730	0.83	0.17	4.2	29.2	510
443133		2.33	9.97	0.12	3.0	0.024	1.54	26.9	9.2	0.60	482	0.48	1.75	4.6	15.8	520
443134		2.89	14.35	0.14	4.3	0.025	2.22	25.7	11.1	0.66	390	0.34	2.55	6.8	18.2	520
443135		4.42	17.00	0.17	4.5	0.072	2.45	40.5	20.9	0.80	676	1.06	1.62	7.1	31.0	440
443136		3.31	15.55	0.16	4.8	0.030	2.22	39.4	11.8	0.60	324	0.63	2.16	6.5	16.2	370
443137		3.60	14.70	0.15	4.1	0.029	1.92	17.9	18.0	0.77	401	0.42	2.27	6.5	15.5	450
443138		6.28	15.90	0.11	2.9	0.049	1.01	12.1	28.7	2.70	1160	0.33	1.54	4.5	51.7	480
443139		3.40	15.20	0.14	3.8	0.030	2.19	19.7	20.6	0.99	599	0.29	2.29	6.5	36.5	200
443140		8.42	13.50	0.11	0.8	0.040	0.27	5.0	66.0	5.16	2940	0.21	0.47	2.0	139.0	430
443141		3.92	20.3	0.15	5.6	0.043	2.36	21.0	15.5	0.71	331	0.90	2.27	9.0	13.7	160
443142		10.90	10.80	0.13	2.3	0.036	0.53	32.0	37.0	1.64	3400	1.74	1.25	5.9	37.7	460
443143		3.11	10.70	0.15	3.6	0.029	1.46	37.1	12.2	0.57	1130	0.80	1.51	4.4	19.1	1260
443144		3.83	12.10	0.15	3.7	0.030	1.36	26.5	15.1	0.71	1160	0.54	1.59	4.6	18.8	930
443145		6.90	26.2	0.13	4.9	0.094	0.50	24.6	38.1	0.32	514	2.55	0.14	24.5	46.9	520
443146		4.75	14.70	0.14	5.1	0.037	2.00	22.0	16.5	0.65	683	0.79	1.98	6.7	16.3	430
443147		12.65	9.00	0.16	2.4	0.040	1.04	36.3	8.8	1.35	1440	0.95	0.84	4.4	25.9	1040
443148		15.35	12.25	0.13	2.0	0.083	2.15	28.6	22.2	2.09	1890	2.25	0.21	9.5	10.6	470
443149		5.27	12.50	0.11	3.3	0.030	1.47	17.3	7.8	0.73	486	0.85	1.53	5.8	15.8	670
443150		3.99	16.55	0.14	5.5	0.030	2.13	19.6	15.4	0.64	513	0.61	2.31	7.3	15.4	180
443151		3.46	12.80	0.12	3.8	0.038	0.52	19.5	41.7	3.93	1580	0.30	1.42	5.6	18.6	570
443152		9.62	15.55	0.16	0.7	0.072	0.09	6.6	50.9	6.49	2670	0.26	0.76	3.5	276	240
443153		7.54	15.55	0.11	2.0	0.048	0.81	14.6	33.4	3.47	641	1.57	1.47	4.8	107.0	500
443154		8.42	15.05	0.10	1.2	0.059	0.18	5.9	47.6	5.11	1560	0.23	0.92	2.7	142.5	310
443155		5.01	17.70	0.13	5.2	0.048	1.79	23.9	24.1	1.24	1700	0.51	1.91	8.0	49.2	420
443156		3.89	15.50	0.13	5.0	0.039	1.70	17.8	24.5	1.97	430	0.29	2.21	7.0	49.6	200
443157		4.67	20.9	0.12	4.8	0.028	1.52	17.8	23.9	2.27	475	0.40	1.85	7.2	54.1	180
443158		3.37	17.00	0.17	4.9	0.037	2.30	29.2	21.5	1.03	430	0.32	2.53	7.5	36.4	360
443159		8.40	18.75	0.12	3.2	0.074	0.85	13.1	37.9	2.16	1210	0.46	1.21	5.8	37.4	250
443160		0.35	0.24	0.08	0.2	<0.005	0.01	1.0	14.9	0.01	34	0.66	<0.01	0.9	2.7	10
443161		7.78	15.10	0.11	1.1	0.055	0.21	7.9	38.6	3.31	1780	0.23	0.91	3.3	71.5	820
443162		7.13	15.10	0.11	1.4	0.064	0.37	6.9	40.3	4.84	2990	0.24	1.13	2.1	97.5	420
443163		4.91	16.70	0.11	3.9	0.040	1.08	14.1	24.5	2.60	535	0.25	1.42	5.0	51.7	170
443164		4.62	16.65	0.14	4.8	0.046	1.61	22.7	26.5	1.89	586	0.40	1.83	6.7	50.6	260
443165		1.61	17.30	0.15	6.1	0.030	2.16	22.4	11.8	0.75	243	0.32	1.98	8.5	19.3	280
443166		4.51	18.75	0.15	4.2	0.041	2.23	23.6	23.6	1.23	530	1.03	1.74	9.6	30.7	870
443167		7.93	16.65	0.15	0.3	0.065	0.11	2.4	50.5	7.10	1310	0.10	1.11	1.6	162.0	140
443168		4.65	18.95	0.12	4.9	0.033	1.42	18.7	19.8	1.88	448	0.44	1.67	6.8	40.0	140
443169		4.11	18.95	0.15	5.3	0.036	1.73	21.2	31.6	1.01	406	0.50	1.78	8.0	24.9	170
443170		2.28	15.60	0.14	5.7	0.030	1.91	20.6	6.8	0.66	263	0.36	1.82	8.2	18.4	230

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QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167280

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
443131		20.7	48.5	<0.002	0.06	0.23	12.5	1	1.0	183.0	0.42	0.11	5.56	0.229	0.32	1.3
443132		28.2	31.3	<0.002	0.19	0.29	6.7	2	0.9	49.2	0.33	0.18	7.45	0.154	0.15	1.6
443133		12.7	49.3	<0.002	0.08	0.17	6.0	1	0.7	257	0.34	<0.05	5.68	0.178	0.29	1.3
443134		13.9	69.8	<0.002	0.01	0.18	8.4	1	0.9	330	0.50	<0.05	5.24	0.256	0.40	1.1
443135		22.3	86.9	<0.002	0.02	0.29	10.3	1	1.2	208	0.54	0.11	9.79	0.305	0.45	1.8
443136		16.1	73.8	<0.002	0.01	0.19	8.4	1	0.9	271	0.48	<0.05	6.48	0.254	0.41	1.4
443137		14.7	64.7	<0.002	0.02	0.16	8.5	1	0.9	283	0.50	<0.05	4.95	0.247	0.37	1.1
443138		12.5	44.6	<0.002	0.04	0.38	27.6	1	0.8	159.0	0.31	<0.05	2.94	0.334	0.35	0.7
443139		14.3	79.7	<0.002	0.01	0.22	11.5	1	0.9	291	0.50	<0.05	4.85	0.274	0.46	1.2
443140		6.6	11.8	<0.002	0.03	0.25	51.3	<1	0.4	41.4	0.14	0.06	1.14	0.474	0.28	0.3
443141		16.3	82.0	<0.002	0.01	0.22	11.4	<1	1.4	278	0.66	0.06	5.88	0.410	0.51	1.5
443142		28.0	50.1	<0.002	0.07	0.25	6.6	1	1.1	28.4	0.42	0.20	7.95	0.188	0.63	2.0
443143		11.7	56.4	<0.002	0.09	0.32	10.0	1	0.6	212	0.29	0.05	8.24	0.179	0.45	2.8
443144		11.3	47.2	<0.002	0.07	0.25	10.6	1	0.6	210	0.31	0.05	5.22	0.214	0.35	1.9
443145		25.2	58.9	<0.002	0.06	0.69	15.2	3	4.1	51.4	1.75	0.07	16.75	1.080	0.36	3.0
443146		18.4	62.1	<0.002	0.03	0.31	8.7	1	0.9	253	0.48	<0.05	9.05	0.288	0.39	1.6
443147		19.4	46.0	<0.002	0.14	1.17	6.5	2	0.7	112.5	0.28	0.22	10.20	0.149	0.25	2.1
443148		32.8	128.0	0.002	1.15	0.73	9.4	4	1.8	22.5	0.66	0.52	11.35	0.282	1.49	2.7
443149		17.5	47.7	<0.002	0.07	0.44	7.8	1	1.0	198.0	0.56	0.11	4.80	0.230	0.37	1.3
443150		18.1	65.2	<0.002	0.01	0.21	7.9	<1	1.1	311	0.51	0.05	5.32	0.293	0.44	1.3
443151		17.7	29.0	<0.002	0.03	0.11	7.7	<1	1.0	90.3	0.41	<0.05	7.78	0.220	0.23	1.7
443152		20.6	4.1	<0.002	0.03	0.15	72.0	1	1.2	46.6	0.22	0.36	0.73	0.726	0.12	0.2
443153		18.5	17.7	<0.002	0.02	0.33	34.0	1	0.7	130.0	0.31	0.10	4.04	0.313	0.32	1.1
443154		5.1	7.4	<0.002	0.03	0.21	49.1	1	0.5	66.5	0.18	0.07	1.35	0.500	0.10	0.4
443155		18.2	58.3	<0.002	0.02	0.22	15.4	1	1.2	247	0.55	<0.05	6.82	0.343	0.42	1.3
443156		13.2	53.6	<0.002	0.01	0.16	19.1	1	1.0	270	0.48	<0.05	4.88	0.321	0.31	1.0
443157		13.9	46.0	<0.002	0.01	0.15	20.7	<1	1.2	208	0.48	<0.05	4.71	0.434	0.32	0.9
443158		15.1	72.3	<0.002	0.02	0.30	12.7	1	1.1	313	0.54	<0.05	7.10	0.308	0.48	1.7
443159		9.7	38.0	<0.002	0.01	0.36	38.7	1	0.8	153.0	0.39	0.16	3.14	0.678	0.25	0.8
443160		0.6	0.4	<0.002	<0.01	0.20	0.2	<1	0.5	0.8	0.06	<0.05	0.65	0.030	<0.02	0.2
443161		5.3	12.2	<0.002	0.05	0.16	33.1	1	0.4	120.0	0.21	0.06	2.36	0.487	0.22	0.7
443162		5.1	7.7	<0.002	0.03	0.11	60.4	1	0.4	81.4	0.14	<0.05	1.54	0.297	0.18	0.4
443163		9.9	37.2	<0.002	0.02	0.16	31.9	1	0.8	153.0	0.36	<0.05	3.75	0.373	0.25	0.9
443164		13.9	58.6	<0.002	0.01	0.13	23.1	<1	1.0	232	0.46	<0.05	6.08	0.337	0.39	1.1
443165		17.7	77.0	<0.002	0.02	0.24	10.7	1	1.2	256	0.58	<0.05	6.75	0.341	0.48	1.5
443166		14.8	94.1	<0.002	0.03	0.47	12.9	1	1.4	206	0.65	<0.05	7.82	0.385	0.50	1.8
443167		6.7	3.2	<0.002	0.01	0.08	50.0	1	0.6	55.8	0.11	<0.05	0.37	0.395	0.03	0.1
443168		12.4	46.8	<0.002	0.01	0.19	21.6	<1	1.0	204	0.46	<0.05	4.89	0.356	0.30	1.0
443169		15.9	57.7	<0.002	0.01	0.19	13.4	1	1.2	235	0.54	0.08	5.26	0.363	0.45	1.1
443170		13.6	61.3	<0.002	0.02	0.17	11.4	1	1.3	238	0.58	<0.05	5.52	0.342	0.45	1.2

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Projet: KAN

CERTIFICAT D'ANALYSE VO17167280

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
443131		75	0.6	10.1	149	125.0
443132		42	0.6	8.4	644	96.2
443133		40	0.3	8.9	108	108.5
443134		55	0.5	11.0	34	157.0
443135		69	0.7	9.7	189	161.5
443136		55	0.6	8.5	58	177.0
443137		54	0.4	8.3	33	148.5
443138		184	0.4	12.3	70	108.0
443139		72	0.5	10.0	44	140.5
443140		280	0.4	13.8	93	30.3
443141		89	0.8	8.7	36	214
443142		62	0.4	12.9	123	85.5
443143		51	0.4	15.6	49	129.5
443144		70	0.4	13.7	41	137.5
443145		163	2.3	13.1	47	190.0
443146		82	0.5	10.2	41	184.5
443147		52	0.4	24.0	68	89.1
443148		70	0.7	15.0	120	73.5
443149		64	0.8	7.7	36	124.0
443150		69	0.6	8.7	35	205
443151		44	0.3	9.8	91	139.0
443152		332	1.2	36.4	95	23.5
443153		185	0.6	12.2	103	74.7
443154		276	0.3	15.0	102	45.0
443155		110	0.8	11.1	64	190.5
443156		114	0.5	9.4	51	180.5
443157		191	0.6	8.7	42	180.5
443158		72	0.5	13.6	53	180.5
443159		317	0.6	20.4	87	120.0
443160		3	0.2	0.6	3	7.7
443161		219	0.3	16.7	81	43.6
443162		239	0.3	13.1	78	51.0
443163		176	0.4	10.9	48	146.0
443164		138	0.5	11.1	53	179.0
443165		63	0.6	8.4	24	229
443166		101	0.9	12.2	68	156.0
443167		284	0.6	14.1	116	10.5
443168		149	0.6	9.7	42	181.5
443169		119	0.7	9.9	42	195.5
443170		90	0.8	8.3	21	216

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Finalisée date: 12- SEPT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17167280

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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Finalisée date: 12- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167285

Projet: KAN

Bon de commande #: SOILKAN- 019

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

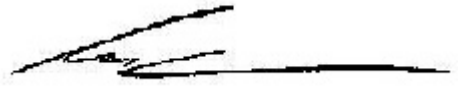
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167285

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
443171		0.24	<0.001	0.06	6.28	5.9	490	0.83	0.12	2.17	0.11	39.7	13.4	44	1.18	89.5
443172		0.29	<0.001	0.02	7.39	3.2	60	0.82	0.05	0.85	0.16	25.8	41.0	43	1.40	121.5
443173		0.31	<0.001	0.03	6.52	25.3	630	1.21	0.18	1.39	0.15	47.0	11.6	51	2.03	49.7
443174		0.22	<0.001	0.08	6.33	64.2	590	0.91	0.14	1.50	0.09	44.5	8.5	67	0.93	56.3
443175		0.28	<0.001	0.08	6.84	15.0	350	0.76	0.16	1.71	1.33	26.8	28.5	142	0.92	74.8
443176		0.31	<0.001	0.03	7.23	74.1	190	0.48	0.07	4.27	0.17	15.60	43.5	526	0.86	34.3
443177		0.33	<0.001	0.02	6.56	38.3	150	0.33	0.05	0.83	0.06	15.10	48.5	832	0.43	27.8
443178		0.27	0.001	0.05	6.53	9.0	330	0.54	0.10	0.93	0.08	24.2	22.3	156	0.84	12.4
443179		0.21	<0.001	0.45	5.85	34.6	490	0.87	0.18	1.87	0.67	44.5	23.7	155	1.26	245
443180		0.30	<0.001	0.08	6.31	4.0	610	1.15	0.15	1.09	0.10	40.6	6.7	47	1.55	11.7
443181		0.30	<0.001	0.01	5.94	6.2	650	0.94	0.12	1.22	0.04	24.6	4.5	34	1.09	10.9
443182		0.29	<0.001	0.07	5.75	12.2	590	1.16	0.11	1.90	0.21	46.0	13.3	45	2.01	122.5
443183		0.35	0.002	0.02	6.40	3.8	670	1.17	0.14	1.21	0.09	34.9	6.3	45	1.61	24.3
443184		0.35	<0.001	0.03	6.48	2.1	660	1.19	0.14	1.23	0.05	31.4	4.9	41	1.49	7.1
443185		0.07	0.021	0.15	8.33	14.0	190	0.81	0.34	0.18	0.02	36.8	31.6	541	4.09	365
443186		0.36	<0.001	0.03	6.77	2.5	660	1.27	0.13	1.32	0.05	34.4	8.0	48	1.62	8.2
443187		0.36	<0.001	0.06	6.45	5.0	630	1.15	0.17	0.97	0.07	26.9	6.3	48	2.14	5.9
443188		0.25	<0.001	0.05	6.37	55.2	590	1.06	0.10	1.28	0.04	36.7	8.6	61	1.24	93.3
443189		0.23	<0.001	0.09	4.93	4.5	490	1.24	0.11	2.28	0.15	40.1	11.6	38	2.21	49.4
443190		0.30	0.005	0.04	6.35	10.0	570	1.23	0.15	1.10	0.08	30.3	12.8	54	3.04	13.8
443191		0.24	<0.001	0.02	6.69	59.7	510	1.05	0.14	1.16	0.05	51.0	7.7	65	0.93	16.3
443192		0.25	<0.001	0.03	8.20	650	150	1.76	0.10	2.44	0.14	31.2	17.5	14	3.82	22.8
443193		0.36	<0.001	0.02	7.17	8.0	110	0.90	0.08	3.50	0.21	30.5	37.1	3	1.20	96.4
443194		0.34	<0.001	0.02	8.20	26.2	60	0.37	0.04	1.39	0.23	14.35	57.3	200	0.46	113.0
443195		0.27	<0.001	0.07	6.89	8.4	710	1.17	0.16	1.18	0.10	53.9	9.5	54	2.65	20.9
443196		0.38	<0.001	0.06	6.38	5.5	670	1.42	0.10	1.15	0.05	39.7	10.8	41	1.71	4.8
443197		0.37	<0.001	0.06	6.59	2.4	650	1.39	0.09	1.44	0.04	44.7	5.4	41	0.86	5.0
443198		0.39	<0.001	0.03	6.49	10.6	680	1.07	0.13	1.50	0.04	43.2	8.4	45	1.29	8.8
443199		0.42	<0.001	0.03	6.61	27.7	350	0.67	0.08	0.93	0.16	33.2	44.2	167	0.68	9.0
443200		0.07	<0.001	<0.01	0.10	1.0	<10	0.06	0.02	0.01	<0.02	2.23	0.5	6	0.09	4.4
443201		0.24	0.001	0.54	6.16	53.4	650	1.15	0.08	1.58	0.23	72.0	9.8	43	1.21	218
443202		0.17	0.002	0.06	5.43	30.1	530	0.88	0.18	0.93	0.15	34.2	8.4	49	1.57	28.8
443203		0.21	<0.001	0.03	6.04	2.7	680	0.83	0.11	1.14	0.08	40.4	4.7	41	1.27	3.5
443204		0.16	<0.001	0.08	6.29	4.1	640	1.14	0.10	1.12	0.12	37.4	6.6	46	1.25	11.4
443205		0.20	<0.001	0.06	6.75	9.5	700	1.14	0.11	1.34	0.10	52.6	9.9	59	1.45	29.5
443206		0.20	<0.001	0.04	6.22	3.3	680	1.06	0.09	1.17	0.09	33.7	4.5	40	1.24	7.4
443207		0.21	<0.001	0.04	6.65	2.4	700	1.05	0.09	1.38	0.05	37.2	5.7	44	1.09	5.9
443208		0.14	<0.001	0.10	5.82	3.5	640	0.96	0.09	1.08	0.14	39.8	3.7	36	0.79	18.0
443209		0.20	0.016	0.05	5.69	123.0	100	0.21	0.05	3.22	0.28	12.90	44.6	23	1.20	412
443210		0.17	<0.001	0.05	3.47	58.8	340	0.65	0.16	0.84	0.11	29.8	12.4	37	1.20	31.4

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Compte: MINVIR

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CERTIFICAT D'ANALYSE VO17167285

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
443171		6.37	20.0	0.14	4.8	0.051	1.50	20.4	15.5	1.00	620	0.72	1.56	7.0	16.4	210
443172		10.10	20.1	0.11	2.8	0.098	0.10	11.1	47.3	3.66	1260	0.65	0.87	5.6	38.1	220
443173		4.16	15.10	0.15	4.9	0.037	1.91	24.1	18.1	0.87	696	0.71	2.11	7.0	19.8	300
443174		4.07	19.20	0.15	6.0	0.042	1.77	23.7	10.8	0.98	354	0.95	1.71	8.0	21.0	270
443175		7.09	18.95	0.12	3.2	0.045	1.01	13.6	24.3	2.70	1120	0.58	1.41	5.4	54.9	280
443176		5.70	14.80	0.12	1.6	0.045	0.52	6.9	21.7	4.73	1510	0.30	1.35	3.3	107.0	170
443177		7.08	15.35	0.12	1.6	0.049	0.40	6.6	34.6	5.20	1640	0.22	0.83	2.2	121.5	230
443178		5.52	16.75	0.11	3.7	0.042	0.92	11.8	22.0	3.63	980	0.32	1.36	4.6	60.2	240
443179		4.87	16.70	0.13	3.9	0.041	1.48	23.5	11.6	1.15	737	0.46	1.43	7.4	47.1	680
443180		3.15	14.10	0.14	4.2	0.029	1.80	20.9	18.3	0.63	302	0.42	1.94	5.7	14.6	440
443181		2.31	14.95	0.12	4.9	0.022	2.00	12.9	7.0	0.52	265	0.30	2.13	5.9	10.2	140
443182		3.11	12.05	0.16	3.4	0.026	1.70	26.7	15.1	0.70	1000	0.45	1.88	5.5	24.2	800
443183		2.85	15.85	0.14	4.5	0.028	2.05	18.5	15.2	0.74	307	0.39	2.08	7.3	15.1	150
443184		2.59	15.80	0.16	4.6	0.027	2.05	16.3	10.8	0.57	274	0.35	2.28	6.5	11.9	210
443185		14.55	22.1	0.12	4.1	0.094	0.41	18.0	22.9	0.23	488	2.54	0.10	15.2	233	420
443186		3.02	15.80	0.13	4.0	0.027	2.04	17.2	18.4	0.79	376	0.45	2.28	6.7	17.4	390
443187		3.44	19.15	0.13	4.3	0.031	2.01	13.7	19.1	0.99	401	0.73	1.96	7.4	15.0	190
443188		3.32	15.45	0.14	5.0	0.034	1.77	19.1	15.0	0.84	329	0.60	1.77	6.8	20.4	620
443189		2.59	11.35	0.15	3.0	0.029	1.20	24.1	25.3	1.92	949	0.48	1.17	4.4	20.6	660
443190		3.98	17.35	0.14	4.3	0.039	1.85	15.5	20.5	1.04	805	1.18	1.64	7.3	17.3	320
443191		4.72	18.95	0.14	6.1	0.036	1.58	24.0	21.7	1.01	349	0.65	1.70	8.3	19.1	280
443192		6.84	22.6	0.13	3.3	0.090	0.26	16.4	42.2	1.76	725	0.45	1.80	7.9	11.8	210
443193		11.50	21.8	0.12	2.4	0.125	0.26	14.2	39.2	1.32	1840	0.57	1.43	9.2	4.2	350
443194		8.16	15.00	0.12	0.6	0.073	0.11	5.3	39.1	5.14	1560	0.21	1.08	1.8	112.0	290
443195		3.86	18.95	0.14	3.6	0.036	2.28	32.4	20.7	0.85	501	1.33	2.01	7.2	22.4	360
443196		3.72	15.65	0.12	4.7	0.033	1.84	19.8	19.5	1.01	1060	0.72	1.92	7.0	14.2	350
443197		3.07	16.95	0.15	4.6	0.027	1.97	21.4	8.9	0.55	287	0.42	2.29	7.2	11.5	500
443198		3.26	17.95	0.14	4.9	0.027	2.09	18.2	16.8	0.72	370	0.43	2.39	8.0	14.6	160
443199		6.02	15.90	0.12	2.9	0.048	0.92	10.3	35.2	3.15	1440	0.37	1.31	4.2	60.5	410
443200		0.34	0.26	0.08	0.2	<0.005	0.01	1.1	14.4	0.01	34	0.66	<0.01	0.9	2.8	10
443201		3.46	14.15	0.19	4.6	0.029	1.90	42.6	13.2	0.55	618	0.83	2.17	5.3	25.6	430
443202		8.33	18.75	0.13	3.5	0.034	1.76	17.1	10.5	0.47	816	2.73	1.65	6.8	21.7	470
443203		3.17	19.60	0.14	5.4	0.023	2.12	19.0	8.1	0.49	296	0.56	2.00	7.4	9.6	240
443204		3.55	15.25	0.13	3.9	0.025	1.95	18.8	12.6	0.52	333	0.81	2.08	5.8	13.2	410
443205		3.77	16.45	0.16	4.6	0.037	2.07	31.0	17.2	0.74	470	0.61	2.29	7.8	19.8	290
443206		3.08	16.05	0.10	4.6	0.025	2.03	17.0	9.5	0.48	261	0.55	2.17	6.1	10.6	240
443207		2.61	16.20	0.15	4.5	0.030	2.05	19.1	12.9	0.63	321	0.55	2.44	5.9	13.5	280
443208		2.14	14.95	0.15	4.6	0.022	1.93	20.7	5.8	0.40	232	0.61	1.99	4.9	9.7	290
443209		16.15	16.55	0.13	1.5	0.063	0.16	8.3	22.5	2.24	902	2.65	0.05	3.9	26.5	470
443210		14.75	18.05	0.15	3.5	0.035	0.87	14.3	6.2	0.44	3220	3.15	0.94	8.2	10.6	590

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CERTIFICAT D'ANALYSE VO17167285

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
443171		14.4	48.8	<0.002	0.01	0.24	21.5	1	1.1	214	0.47	0.07	4.90	0.555	0.33	1.2
443172		6.2	3.9	<0.002	0.01	0.12	36.5	1	0.7	59.7	0.37	0.07	2.57	0.579	0.09	0.7
443173		27.4	70.1	<0.002	0.02	0.20	10.3	1	1.0	251	0.51	0.06	6.90	0.290	0.42	1.5
443174		17.6	57.3	<0.002	0.02	0.23	15.5	1	1.2	224	0.53	0.05	6.49	0.407	0.39	1.5
443175		17.5	36.3	<0.002	0.02	0.18	26.0	1	0.9	156.0	0.37	0.07	3.10	0.382	0.26	0.8
443176		8.6	19.0	<0.002	0.01	0.21	38.6	1	0.6	115.0	0.25	<0.05	1.72	0.326	0.13	0.4
443177		5.2	13.8	<0.002	0.01	0.12	32.0	<1	0.4	75.9	0.14	<0.05	1.75	0.281	0.12	0.3
443178		12.8	28.6	<0.002	0.02	0.14	42.1	1	0.8	131.0	0.33	<0.05	3.16	0.391	0.21	0.7
443179		26.6	51.8	<0.002	0.03	0.30	14.4	1	1.1	184.0	0.53	0.07	7.24	0.340	0.47	1.9
443180		13.1	65.6	<0.002	0.02	0.15	7.6	1	0.8	234	0.45	<0.05	6.51	0.247	0.39	1.2
443181		12.0	69.2	<0.002	0.01	0.17	7.9	<1	0.9	258	0.46	<0.05	3.34	0.262	0.41	1.0
443182		12.3	68.5	<0.002	0.05	0.17	10.3	1	0.7	240	0.42	<0.05	6.82	0.226	0.38	2.0
443183		13.6	72.1	<0.002	0.01	0.14	8.7	<1	1.0	246	0.52	0.07	4.62	0.290	0.37	1.1
443184		13.9	72.9	<0.002	0.01	0.14	7.8	<1	1.0	278	0.48	<0.05	4.05	0.275	0.41	1.1
443185		21.4	43.7	<0.002	0.05	0.85	54.5	3	2.7	34.3	1.14	0.13	15.05	0.770	0.25	2.7
443186		13.8	74.7	<0.002	0.01	0.16	8.5	1	1.0	282	0.52	<0.05	4.69	0.264	0.43	1.1
443187		13.1	75.3	<0.002	0.01	0.20	8.6	<1	1.2	216	0.54	0.05	4.66	0.338	0.39	1.1
443188		14.9	62.7	<0.002	0.04	0.31	11.0	1	1.0	228	0.46	<0.05	6.06	0.296	0.40	1.5
443189		14.0	50.5	<0.002	0.07	0.24	7.5	1	0.7	121.0	0.31	0.05	6.61	0.180	0.30	2.5
443190		17.6	77.0	<0.002	0.01	0.27	12.4	<1	1.2	184.5	0.50	0.05	5.99	0.362	0.41	1.3
443191		16.7	49.4	<0.002	0.02	0.28	9.7	1	1.2	208	0.61	<0.05	8.46	0.365	0.34	1.7
443192		10.3	27.6	<0.002	0.01	0.21	25.5	1	1.0	117.5	0.53	0.43	4.23	0.528	0.18	1.1
443193		7.9	9.2	<0.002	0.02	0.23	38.0	1	0.8	126.0	0.59	0.12	3.83	1.085	0.12	0.9
443194		3.4	2.1	<0.002	0.02	0.12	67.4	1	0.4	49.6	0.13	<0.05	0.96	0.358	0.05	0.3
443195		19.0	101.0	0.002	0.01	0.28	8.5	<1	1.2	252	0.57	0.05	8.92	0.325	0.48	1.2
443196		13.3	71.9	<0.002	0.01	0.19	7.2	<1	0.9	224	0.50	<0.05	6.85	0.290	0.38	1.0
443197		12.9	69.9	<0.002	0.02	0.11	7.5	<1	1.0	295	0.55	<0.05	4.07	0.280	0.36	1.0
443198		13.6	75.7	<0.002	0.01	0.12	7.9	<1	1.2	302	0.68	<0.05	4.37	0.321	0.39	1.0
443199		8.9	20.0	<0.002	0.03	0.14	34.4	1	0.7	139.5	0.30	<0.05	2.86	0.342	0.20	0.6
443200		0.6	0.4	<0.002	<0.01	0.21	0.2	<1	0.5	0.8	0.06	<0.05	0.64	0.029	<0.02	0.1
443201		13.6	70.6	<0.002	0.02	0.38	9.0	1	0.8	284	0.39	0.06	6.60	0.207	0.40	2.5
443202		21.9	64.1	<0.002	0.03	0.78	6.5	1	1.0	211	0.50	0.11	5.19	0.284	0.42	1.6
443203		16.0	77.8	<0.002	0.01	0.21	6.8	1	1.3	263	0.54	<0.05	5.54	0.329	0.46	1.2
443204		17.2	69.3	<0.002	0.02	0.23	7.3	1	0.9	267	0.40	0.06	5.49	0.226	0.42	1.1
443205		14.1	75.5	<0.002	0.01	0.21	8.7	1	1.0	295	0.58	<0.05	5.77	0.323	0.40	1.5
443206		13.3	71.7	<0.002	0.01	0.19	6.9	1	1.0	283	0.43	<0.05	4.54	0.253	0.39	1.1
443207		12.6	72.4	<0.002	0.01	0.16	8.3	<1	0.9	315	0.43	<0.05	4.62	0.241	0.43	1.1
443208		13.4	62.9	<0.002	0.02	0.17	6.5	1	0.9	259	0.38	<0.05	6.13	0.215	0.38	1.4
443209		5.3	10.0	<0.002	0.03	1.22	34.1	2	0.5	59.2	0.26	0.74	1.04	1.115	0.17	0.4
443210		27.4	37.9	<0.002	0.02	0.47	5.8	1	1.2	128.0	0.54	0.06	3.68	0.396	0.32	1.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167285

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
443171		275	0.6	13.9	47	180.5
443172		249	0.7	25.5	148	112.5
443173		79	0.6	11.8	157	185.5
443174		141	0.7	10.0	40	227
443175		192	0.6	10.5	148	116.5
443176		185	0.4	10.0	72	61.0
443177		239	0.5	11.8	72	58.4
443178		180	0.5	10.5	57	134.0
443179		104	0.6	9.0	76	143.5
443180		54	4.2	7.9	33	159.0
443181		62	0.5	6.5	20	179.5
443182		53	0.5	12.3	61	125.0
443183		65	0.6	7.9	39	170.5
443184		55	0.5	7.3	24	171.5
443185		229	1.7	10.7	43	153.5
443186		57	0.5	8.4	37	149.5
443187		83	0.8	6.9	47	164.0
443188		79	0.6	8.8	34	183.5
443189		38	0.5	10.0	49	108.5
443190		110	0.8	9.1	46	159.5
443191		96	0.6	9.4	39	228
443192		184	0.5	17.3	92	132.0
443193		317	0.9	30.2	134	99.3
443194		277	0.3	15.6	98	22.0
443195		83	0.7	9.6	57	143.0
443196		58	0.7	8.9	38	187.5
443197		59	0.4	8.1	24	176.0
443198		73	0.4	8.1	32	201
443199		166	0.4	10.7	64	120.0
443200		3	0.2	0.6	3	7.6
443201		52	0.4	18.4	49	188.5
443202		85	0.6	6.1	124	141.0
443203		85	0.6	6.7	24	218
443204		55	0.4	7.1	35	159.5
443205		65	0.5	11.5	46	192.5
443206		59	0.5	6.9	24	186.0
443207		56	0.4	8.2	42	181.0
443208		50	0.5	6.5	18	183.5
443209		623	1.1	21.2	85	69.5
443210		156	0.9	7.1	46	145.0

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À: MINIÈRE OSISKO INC.
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BUREAU 200
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Finalisée date: 12- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167285

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167291

Projet: KAN

Bon de commande #: SOILKAN- 020

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

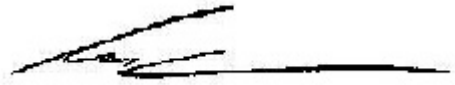
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167291

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
443211		0.17	<0.001	0.02	6.57	8.0	610	1.24	0.13	1.32	0.05	32.8	9.3	105	1.93	12.8
443212		0.30	<0.001	0.06	6.69	10.9	670	1.44	0.11	1.75	0.08	56.8	10.5	57	1.55	17.7
443213		0.34	<0.001	0.04	6.88	20.2	680	1.38	0.09	1.66	0.09	56.2	8.6	45	1.52	35.9
443214		0.19	<0.001	0.03	6.24	3.3	540	1.05	0.11	1.13	0.15	61.0	8.4	41	0.97	24.1
443215		0.23	0.012	0.08	3.63	48.4	350	1.96	0.36	0.44	0.10	55.8	10.9	32	10.10	216
443216		0.19	0.001	0.04	6.35	73.3	600	1.04	0.21	1.25	0.05	36.5	7.1	58	1.79	16.4
443217		0.27	0.005	0.09	5.60	4.9	560	1.27	0.15	1.22	0.16	56.0	6.9	43	3.47	71.1
443218		0.28	<0.001	0.02	6.65	5.2	640	1.19	0.20	1.36	0.04	40.7	8.1	44	1.79	18.3
443219		0.21	3.43	0.20	2.63	4.5	250	0.40	0.42	0.18	0.05	14.85	5.7	39	4.67	279
443220		0.25	<0.001	0.04	4.00	12.8	340	0.84	0.14	0.84	0.03	33.2	5.8	30	0.99	11.6
443221		0.21	0.017	0.02	7.11	2.4	670	1.44	0.10	1.31	0.04	63.2	9.0	47	1.41	15.7
443222		0.27	<0.001	0.03	6.55	2.4	660	1.17	0.09	1.47	0.05	49.8	7.5	42	1.13	8.8
443223		0.14	<0.001	0.03	6.68	3.7	620	1.17	0.09	1.37	0.04	34.2	7.6	44	1.19	8.6
443224		0.28	<0.001	0.02	6.45	2.1	630	1.12	0.09	1.34	0.04	30.7	4.5	33	0.87	2.8
443225		0.07	<0.001	0.02	9.25	9.9	150	0.92	0.30	0.30	0.02	48.3	8.0	111	5.91	29.8
443226		0.16	0.007	0.11	5.86	2.0	600	1.09	0.12	1.24	0.23	40.9	5.1	43	1.55	19.0
443227		0.19	0.002	0.03	6.44	3.8	630	1.21	0.14	1.32	0.07	36.5	6.9	41	1.47	7.3
443228		0.27	<0.001	0.02	7.18	4.5	680	1.24	0.14	1.26	0.04	57.2	11.2	49	1.65	21.3
443229		0.22	<0.001	0.04	6.60	2.5	670	1.15	0.11	1.24	0.04	36.1	5.8	40	1.57	4.9
443230		0.36	<0.001	0.04	6.51	1.5	630	1.12	0.11	1.46	0.05	35.2	6.2	44	1.25	4.0
443231		0.21	<0.001	0.06	6.72	3.5	690	1.32	0.09	1.49	0.07	49.5	7.8	48	1.65	14.2
443232		0.26	<0.001	0.03	7.21	14.1	560	1.05	0.11	1.31	0.07	33.6	11.7	247	2.46	7.7
443233		0.26	<0.001	0.02	6.68	2.6	680	1.34	0.08	1.49	0.07	53.8	8.3	46	1.39	14.9
443234		0.19	<0.001	0.04	6.18	26.0	640	1.16	0.11	1.28	0.08	33.2	7.4	49	1.93	12.9
443235		0.24	0.001	0.04	6.85	4.8	510	1.20	0.12	1.32	0.14	45.8	9.0	58	1.48	36.0
443236		0.24	<0.001	0.04	6.36	28.3	650	1.08	0.09	1.47	0.11	34.6	9.3	58	1.29	15.7
443237		0.34	<0.001	0.03	6.16	3.0	670	1.02	0.08	1.33	0.07	28.9	4.3	35	2.54	3.9
443238		0.29	<0.001	0.03	4.67	5.3	560	1.21	0.74	2.14	0.04	22.9	9.4	29	2.40	25.9
443239		0.36	<0.001	0.03	6.90	3.1	670	1.28	0.10	1.42	0.07	49.2	8.0	54	1.46	12.9
443240		0.08	<0.001	0.01	0.10	0.5	<10	0.07	<0.01	0.01	<0.02	2.24	0.4	6	0.10	4.7
443241		0.32	<0.001	0.05	6.76	9.4	700	1.29	0.08	1.61	0.06	52.8	8.0	44	1.41	32.7
443242		0.28	<0.001	0.05	6.58	1.1	690	1.23	0.08	1.42	0.04	48.0	5.7	46	1.62	11.0
443243		0.39	<0.001	0.03	6.76	2.5	630	1.10	0.09	1.24	0.06	34.2	5.7	47	1.25	7.8
443244		0.34	<0.001	0.02	6.93	5.4	610	1.20	0.09	1.30	0.04	49.1	7.4	53	1.46	10.5
443245		0.25	<0.001	0.03	6.34	1.7	670	1.09	0.09	1.27	0.05	31.1	4.5	42	1.54	3.5
443246		0.29	<0.001	0.10	6.21	3.5	600	1.15	0.11	1.09	0.09	29.4	7.1	52	2.38	13.9
443247		0.42	<0.001	0.03	6.68	3.6	690	1.16	0.11	1.43	0.06	34.9	7.4	48	1.75	9.9
443248		0.38	<0.001	0.02	7.12	7.7	700	1.31	0.09	1.39	0.08	51.3	11.3	51	1.72	28.1
443249		0.33	<0.001	0.06	6.34	3.8	610	1.30	0.09	1.27	0.20	48.9	6.9	48	1.46	21.9
443250		0.35	<0.001	0.03	6.73	4.2	620	1.26	0.11	1.22	0.07	41.2	6.9	53	1.73	11.1

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QUEBEC QC G1K 7R1

Finalisée date: 10- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167291

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
443211		3.60	18.10	0.14	3.4	0.032	1.90	17.1	20.7	0.82	359	0.91	2.14	7.1	32.6	220
443212		3.08	15.50	0.14	3.9	0.032	2.10	26.7	14.1	0.78	564	0.46	2.45	6.9	24.2	850
443213		2.66	15.65	0.14	4.4	0.027	2.07	29.5	15.0	0.66	379	0.38	2.56	6.1	24.5	330
443214		2.94	16.25	0.17	3.9	0.029	1.56	27.6	15.7	0.40	212	0.60	1.86	8.2	15.0	240
443215		19.00	9.02	0.17	1.7	0.105	0.85	25.7	4.7	1.50	2070	1.03	0.58	4.3	16.7	850
443216		4.88	21.3	0.14	4.5	0.032	1.84	16.5	14.6	0.65	333	0.75	1.89	10.5	15.2	420
443217		5.91	14.50	0.14	3.6	0.035	1.69	31.4	17.6	0.69	515	1.74	1.82	6.3	18.2	480
443218		3.88	16.25	0.15	4.0	0.033	1.97	21.3	18.0	0.69	419	0.98	2.37	6.7	13.3	150
443219		24.2	9.76	0.13	2.2	0.095	0.41	7.6	2.3	1.05	1700	1.10	0.23	7.0	9.3	730
443220		3.28	8.67	0.13	1.7	0.022	1.03	15.6	14.1	0.40	327	1.01	1.21	3.8	12.0	460
443221		2.93	16.00	0.13	3.6	0.030	2.07	26.4	17.3	0.72	313	0.36	2.39	6.7	19.2	130
443222		2.74	14.70	0.15	4.6	0.024	2.01	22.2	13.2	0.63	362	0.48	2.43	6.6	15.3	320
443223		2.96	15.55	0.13	3.6	0.025	1.95	16.0	13.6	0.60	331	0.38	2.37	6.0	15.4	310
443224		2.16	14.65	0.13	3.6	0.021	1.93	14.1	9.4	0.45	225	0.33	2.42	5.0	9.3	350
443225		6.55	27.4	0.13	4.4	0.087	0.48	22.1	37.8	0.30	479	2.56	0.14	24.8	43.7	500
443226		2.10	14.45	0.13	4.0	0.027	1.85	23.2	9.0	0.46	235	0.56	1.93	5.8	12.1	510
443227		3.16	15.35	0.14	3.9	0.027	1.99	17.2	12.3	0.58	363	0.68	2.27	6.4	13.5	460
443228		3.39	15.85	0.16	3.8	0.031	2.13	26.4	20.7	0.78	444	0.50	2.21	7.3	23.0	510
443229		2.77	17.35	0.13	4.1	0.025	2.12	17.6	10.6	0.54	295	0.54	2.30	6.6	12.7	280
443230		2.93	15.50	0.15	4.3	0.027	1.97	16.9	10.2	0.64	345	0.65	2.35	6.0	12.6	440
443231		2.93	16.05	0.21	4.3	0.027	2.15	23.7	13.4	0.73	389	0.55	2.35	6.3	19.2	670
443232		4.94	20.1	0.19	4.8	0.043	1.80	16.2	20.2	1.80	624	0.69	1.69	7.2	36.9	330
443233		2.84	16.15	0.23	4.3	0.029	2.12	25.6	13.2	0.70	363	0.36	2.37	6.6	18.9	620
443234		3.18	19.60	0.22	5.3	0.028	2.04	16.2	10.9	0.59	333	0.64	2.14	6.9	14.7	150
443235		4.46	16.10	0.20	3.7	0.033	1.60	24.0	17.6	0.75	333	0.60	1.82	6.4	19.5	420
443236		3.06	16.85	0.24	4.7	0.027	1.88	17.9	13.6	0.76	396	0.46	2.22	6.7	18.4	200
443237		2.70	15.45	0.21	5.0	0.021	2.17	14.4	5.9	0.54	323	0.53	2.33	5.5	10.4	150
443238		9.88	16.80	0.17	3.0	0.026	1.65	12.5	29.1	2.21	2860	3.20	1.30	6.5	13.7	260
443239		3.33	15.85	0.21	4.5	0.030	2.07	23.8	13.3	0.74	460	0.46	2.33	6.5	18.2	500
443240		0.34	0.27	0.11	0.3	<0.005	0.01	1.1	14.4	<0.01	32	0.68	<0.01	0.9	2.9	10
443241		2.69	15.60	0.24	4.2	0.029	2.19	30.1	11.9	0.65	387	0.44	2.49	6.3	21.9	610
443242		2.26	15.65	0.28	3.9	0.029	2.19	23.8	10.8	0.61	263	0.40	2.35	6.3	15.2	740
443243		3.16	16.55	0.21	4.0	0.026	1.98	17.1	12.5	0.56	266	0.41	2.19	6.6	13.8	350
443244		3.19	15.65	0.22	3.6	0.029	1.95	23.5	15.7	0.67	316	0.43	2.19	6.6	17.2	270
443245		2.54	17.80	0.22	4.9	0.027	2.07	15.0	9.3	0.53	260	0.44	2.24	6.6	11.7	160
443246		4.10	15.90	0.20	3.5	0.029	1.91	14.6	13.3	0.72	404	0.63	1.91	5.8	16.5	440
443247		3.16	17.70	0.20	4.3	0.029	2.15	17.6	12.3	0.72	440	0.73	2.34	7.4	16.0	150
443248		3.06	16.30	0.21	4.1	0.028	2.17	24.1	15.1	0.77	384	0.37	2.39	6.6	23.5	180
443249		2.97	16.30	0.21	3.4	0.030	1.84	25.8	11.8	0.59	299	0.69	2.08	6.2	19.2	520
443250		3.49	18.00	0.19	4.9	0.032	1.95	19.3	15.8	0.65	299	0.90	2.07	6.9	17.3	290

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167291

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
443211		15.2	77.1	<0.002	0.01	0.25	8.9	<1	1.0	269	0.55	<0.05	3.98	0.357	0.40	1.0
443212		12.7	81.2	<0.002	0.01	0.22	8.3	<1	0.9	312	0.54	<0.05	5.86	0.284	0.41	1.3
443213		12.3	80.9	<0.002	0.01	0.20	8.1	1	0.9	323	0.46	<0.05	5.21	0.256	0.42	1.3
443214		13.7	56.6	<0.002	0.02	0.18	7.2	1	1.2	236	0.68	<0.05	5.46	0.345	0.32	1.3
443215		12.3	46.2	<0.002	0.03	2.97	4.8	2	1.1	76.4	0.32	0.85	8.92	0.136	0.28	1.7
443216		16.2	71.8	<0.002	0.03	0.35	9.0	1	1.3	243	0.80	0.11	6.07	0.380	0.43	1.2
443217		15.0	65.4	<0.002	0.03	0.59	7.3	2	1.0	232	0.50	0.08	6.44	0.264	0.37	1.7
443218		19.0	74.3	<0.002	0.01	0.21	7.7	1	1.0	303	0.55	<0.05	4.42	0.269	0.37	1.1
443219		12.6	22.9	<0.002	0.25	0.83	5.0	3	1.3	33.6	0.51	1.71	6.16	0.216	0.11	1.1
443220		11.5	41.7	<0.002	0.03	0.46	4.5	1	0.6	153.5	0.28	<0.05	4.71	0.152	0.21	0.9
443221		12.9	79.2	<0.002	0.01	0.17	9.1	<1	0.9	296	0.56	<0.05	8.17	0.251	0.46	1.4
443222		12.9	73.8	<0.002	0.01	0.15	7.7	<1	0.9	307	0.55	<0.05	5.57	0.253	0.38	1.1
443223		12.6	72.2	<0.002	0.02	0.18	7.5	1	0.8	295	0.50	<0.05	4.63	0.244	0.38	0.9
443224		11.9	70.4	<0.002	0.01	0.14	6.3	1	0.7	302	0.39	<0.05	3.66	0.207	0.31	0.8
443225		22.3	61.9	<0.002	0.05	0.68	14.3	3	4.0	50.7	1.64	0.05	15.25	1.000	0.30	2.7
443226		14.6	72.4	<0.002	0.03	0.13	7.6	<1	1.0	241	0.46	<0.05	6.06	0.249	0.41	1.3
443227		15.2	74.8	<0.002	0.01	0.20	7.0	1	0.9	288	0.50	0.11	4.62	0.256	0.38	1.0
443228		14.5	83.2	<0.002	0.01	0.21	8.8	1	1.0	266	0.56	<0.05	7.11	0.285	0.47	1.2
443229		14.0	83.7	<0.002	0.01	0.21	7.5	<1	1.1	282	0.54	<0.05	4.45	0.289	0.45	1.0
443230		11.9	74.6	<0.002	0.01	0.14	7.6	1	0.9	297	0.46	<0.05	8.17	0.264	0.35	1.0
443231		14.5	81.7	<0.002	0.01	0.21	8.3	<1	1.0	298	0.51	<0.05	6.43	0.256	0.46	1.1
443232		13.8	79.8	<0.002	0.02	0.26	23.8	1	1.3	206	0.52	0.06	4.97	0.406	0.53	1.2
443233		13.2	78.4	<0.002	0.01	0.20	8.9	1	1.0	300	0.52	<0.05	5.77	0.261	0.42	1.2
443234		13.5	81.6	<0.002	0.01	0.29	8.8	1	1.3	272	0.55	<0.05	3.80	0.321	0.44	1.0
443235		15.4	58.7	<0.002	0.03	0.22	10.5	1	0.9	221	0.53	<0.05	7.40	0.284	0.37	1.4
443236		12.6	72.2	<0.002	0.01	0.20	9.5	1	1.1	277	0.54	<0.05	3.89	0.299	0.41	1.0
443237		12.2	81.1	<0.002	0.01	0.16	6.6	1	1.0	298	0.44	<0.05	3.63	0.225	0.41	0.9
443238		18.2	86.3	<0.002	0.01	0.63	6.3	1	1.2	88.7	0.47	0.61	3.64	0.227	0.37	1.1
443239		13.7	74.5	<0.002	0.01	0.19	8.8	1	1.0	293	0.55	<0.05	5.95	0.269	0.43	1.2
443240		0.5	0.5	<0.002	<0.01	0.22	0.2	<1	0.5	0.9	0.06	<0.05	0.67	0.029	<0.02	0.1
443241		13.0	81.8	<0.002	0.01	0.21	8.9	1	0.9	318	0.49	<0.05	5.43	0.247	0.41	1.3
443242		12.9	83.1	<0.002	0.01	0.19	8.3	1	1.0	297	0.51	<0.05	5.66	0.254	0.42	1.2
443243		15.1	73.2	<0.002	0.01	0.18	7.2	1	1.1	273	0.52	<0.05	4.29	0.276	0.40	0.9
443244		14.8	73.0	<0.002	0.01	0.19	8.5	1	1.0	272	0.53	<0.05	10.75	0.261	0.41	1.1
443245		12.8	78.5	<0.002	0.01	0.16	7.6	<1	1.1	282	0.51	<0.05	3.34	0.293	0.41	0.9
443246		16.7	74.3	<0.002	0.02	0.25	8.5	1	1.0	239	0.44	<0.05	4.03	0.254	0.38	1.0
443247		13.5	81.4	<0.002	0.01	0.19	8.6	1	1.2	294	0.57	<0.05	4.13	0.307	0.43	1.0
443248		14.0	82.2	<0.002	0.01	0.19	8.9	<1	1.0	300	0.53	<0.05	6.94	0.272	0.46	1.2
443249		14.5	70.8	<0.002	0.02	0.23	8.2	1	1.0	263	0.60	<0.05	5.46	0.257	0.41	1.3
443250		15.6	74.6	<0.002	0.01	0.23	8.2	1	1.1	258	0.55	<0.05	5.27	0.295	0.42	1.3

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167291

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
443211		78	0.6	7.0	39	138.5
443212		59	0.4	12.2	47	157.0
443213		53	0.4	11.5	34	175.5
443214		61	0.5	10.5	20	159.5
443215		40	1.6	15.6	64	72.5
443216		98	0.6	7.8	34	183.0
443217		65	0.5	13.5	33	145.0
443218		58	0.5	10.5	31	160.5
443219		48	0.4	5.3	52	92.2
443220		34	0.3	6.3	25	70.5
443221		54	0.5	10.1	34	135.0
443222		52	0.7	9.4	31	179.5
443223		52	0.4	8.0	30	143.0
443224		43	0.3	6.8	20	139.0
443225		154	2.4	11.7	45	179.5
443226		47	0.4	8.4	23	158.5
443227		60	0.5	7.5	34	157.5
443228		60	0.5	10.3	40	149.5
443229		65	0.6	7.5	27	164.0
443230		57	0.5	8.0	29	176.5
443231		57	0.5	10.2	42	146.5
443232		134	0.7	11.1	57	169.5
443233		57	0.5	10.2	36	151.5
443234		75	0.6	7.8	32	186.5
443235		78	1.0	10.8	42	126.0
443236		75	0.5	9.1	37	163.0
443237		52	0.4	6.6	23	168.0
443238		91	0.4	12.4	44	107.0
443239		59	0.5	9.9	41	151.0
443240		2	0.2	0.6	2	7.7
443241		52	0.4	14.7	35	144.0
443242		49	0.4	10.4	32	131.0
443243		58	0.5	7.0	27	140.5
443244		56	0.4	8.0	33	126.0
443245		61	0.5	7.2	24	172.5
443246		61	0.5	7.6	35	124.5
443247		70	0.6	8.1	35	150.0
443248		58	0.5	10.1	37	137.5
443249		57	0.5	11.3	30	124.5
443250		66	0.6	8.1	33	174.5

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Finalisée date: 10- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167291

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167294

Projet: KAN

Bon de commande #: SOILKAN- 021

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 15- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167294

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
443251		0.22	<0.001	0.10	6.42	4.3	700	1.17	0.06	1.63	0.08	62.0	7.9	53	2.14	23.5
443252		0.24	<0.001	0.05	6.46	6.2	680	1.11	0.07	1.29	0.05	35.9	5.8	42	1.41	7.9
443253		0.26	<0.001	0.08	6.43	4.3	670	1.13	0.07	1.29	0.09	48.9	7.1	46	1.37	17.2
443254		0.33	<0.001	0.06	7.10	3.7	740	1.31	0.08	1.47	0.09	69.9	9.3	50	1.86	25.3
443255		0.24	<0.001	0.07	6.94	4.2	720	1.23	0.09	1.34	0.09	53.0	10.0	50	1.79	20.3
443256		0.25	<0.001	0.02	7.18	1.4	50	0.36	0.01	1.78	0.08	12.70	48.3	101	2.28	25.6
443257		0.28	<0.001	0.06	6.39	5.3	670	1.04	0.07	1.25	0.07	46.2	6.1	52	1.54	12.8
443258		0.27	<0.001	0.12	6.11	3.1	660	0.99	0.07	0.96	0.07	47.8	3.9	42	1.43	20.5
443259		0.30	0.001	0.06	6.70	3.9	690	1.25	0.06	1.49	0.10	42.5	6.7	42	1.40	12.1
443260		0.26	<0.001	0.12	5.49	2.5	380	0.93	0.14	0.98	0.24	29.1	4.7	44	1.14	23.9
443261		0.20	<0.001	0.17	7.11	57.4	470	1.30	0.04	0.51	0.20	26.6	34.1	88	2.88	35.5
443262		0.24	<0.001	0.06	6.56	18.9	610	1.07	0.09	1.27	0.10	39.7	7.4	68	1.46	37.8
443263		0.30	<0.001	0.04	6.21	1.4	670	1.10	0.09	1.16	0.05	31.5	3.0	38	1.67	5.4
443264		0.36	<0.001	0.02	6.47	1.2	630	1.06	0.07	1.47	0.04	31.7	4.5	36	1.04	3.2
443265		0.07	0.021	0.16	8.03	12.6	180	0.77	0.29	0.18	0.03	37.3	30.3	544	3.85	368
443266		0.39	<0.001	0.04	6.73	2.5	640	1.10	0.08	1.40	0.04	34.7	6.0	43	1.31	9.6
443267		0.31	<0.001	0.03	6.71	14.0	600	1.18	0.14	1.18	0.08	36.5	5.4	53	1.46	18.1
443268		0.30	<0.001	0.02	6.40	7.6	590	1.20	0.13	1.27	0.06	38.4	6.5	52	1.64	12.3
443269		0.35	<0.001	0.02	7.03	3.3	680	1.27	0.11	1.42	0.07	40.5	7.0	46	1.56	7.6
443270		0.28	<0.001	0.04	6.64	9.3	690	1.13	0.10	1.20	0.04	33.5	4.3	60	1.78	6.4
443271		0.24	<0.001	0.02	7.23	18.2	680	1.47	0.09	1.40	0.06	63.8	11.0	51	1.57	16.6
443272		0.25	<0.001	0.02	6.99	9.2	630	1.19	0.20	1.27	0.07	39.2	7.5	49	1.69	20.2
443273		0.30	<0.001	0.06	6.62	1.4	680	1.21	0.12	1.30	0.13	47.0	4.8	44	1.45	15.2
443274		0.32	<0.001	0.05	6.62	2.8	650	1.19	0.10	1.42	0.08	37.2	7.9	45	1.68	11.6
443275		0.24	<0.001	0.04	6.35	7.0	650	1.19	0.10	1.44	0.18	43.8	9.3	47	1.95	25.9
443276		0.22	<0.001	0.05	6.45	6.9	650	1.21	0.12	1.33	0.06	26.5	4.0	31	1.04	6.6
443277		0.27	<0.001	0.04	6.74	1.9	670	1.14	0.08	1.40	0.07	31.1	4.6	38	1.18	5.3
443278		0.31	<0.001	0.04	7.38	6.0	660	1.45	0.14	1.53	0.14	58.2	9.7	63	1.47	20.2
443279		0.31	<0.001	0.06	6.94	4.7	710	1.34	0.08	1.66	0.09	59.0	8.0	45	1.59	30.4
443280		0.07	<0.001	0.01	0.10	0.5	<10	0.06	<0.01	0.01	<0.02	2.30	0.4	5	0.11	4.8
443281		0.29	<0.001	0.01	7.00	3.5	670	1.16	0.12	1.36	0.10	35.3	8.8	66	2.50	6.5
443282		0.25	<0.001	0.04	6.69	1.8	690	1.10	0.09	1.27	0.11	34.2	5.1	43	1.90	7.0
443283		0.23	<0.001	0.06	4.03	5.4	420	2.06	0.24	2.14	0.18	52.8	19.9	28	13.75	104.0
443284		0.31	<0.001	0.13	6.79	0.9	710	1.23	0.08	1.34	0.06	35.2	4.5	39	1.40	5.2
443285		0.27	<0.001	0.06	6.76	1.4	670	1.25	0.11	1.37	0.08	34.1	4.9	43	2.03	3.9
443286		0.34	<0.001	0.07	7.48	2.9	660	1.49	0.09	1.39	0.13	51.5	7.3	45	1.74	12.0
443287		0.23	<0.001	0.03	6.85	3.7	660	1.35	0.09	1.35	0.08	58.9	9.9	52	1.82	22.0
443288		0.28	<0.001	0.02	6.23	3.6	690	1.08	0.15	1.25	0.09	30.2	4.7	40	1.32	4.6
443289		0.26	0.001	0.04	6.50	2.0	680	1.19	0.08	1.51	0.06	33.2	5.3	40	1.18	9.0
443290		0.31	<0.001	0.03	6.48	2.6	690	1.19	0.07	1.49	0.04	32.6	4.9	36	1.18	4.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167294

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
443251		3.41	15.70	0.23	5.5	0.027	2.04	32.3	14.4	0.75	1350	1.05	2.07	5.7	18.8	1410
443252		3.30	15.40	0.20	4.8	0.024	2.15	17.8	11.4	0.55	372	0.69	2.30	5.9	12.6	320
443253		3.03	16.10	0.22	4.8	0.029	2.09	23.4	11.4	0.61	377	0.67	2.17	6.1	15.3	470
443254		3.53	16.20	0.24	5.0	0.029	2.41	36.1	14.1	0.71	692	0.66	2.43	6.7	23.8	670
443255		3.47	16.05	0.22	4.4	0.026	2.24	25.5	15.2	0.72	504	0.82	2.31	6.4	22.6	530
443256		11.20	21.9	0.19	0.6	0.086	0.14	4.2	33.0	3.89	1720	0.54	1.09	3.4	71.1	880
443257		4.13	18.15	0.22	6.0	0.030	2.06	22.8	9.6	0.64	359	1.04	2.06	6.3	13.9	420
443258		2.96	17.65	0.22	6.0	0.027	1.96	24.3	7.3	0.40	388	0.91	1.96	5.6	9.4	210
443259		2.78	14.95	0.21	4.2	0.025	2.13	21.7	11.1	0.69	518	0.58	2.49	5.6	17.2	410
443260		7.36	17.35	0.21	4.4	0.019	1.15	14.0	8.0	0.57	424	10.55	2.57	29.6	13.8	540
443261		8.26	20.7	0.19	5.0	0.051	2.00	12.6	28.3	1.38	1130	0.99	1.46	7.6	58.0	550
443262		4.27	17.20	0.17	3.9	0.031	1.89	18.4	14.7	0.69	360	0.93	2.04	6.6	17.2	240
443263		1.77	17.25	0.19	5.5	0.024	2.05	15.8	5.2	0.39	199	0.48	2.29	6.3	8.3	140
443264		2.30	15.30	0.19	4.5	0.023	2.00	15.0	7.3	0.48	268	0.33	2.53	6.3	10.0	440
443265		14.30	22.4	0.19	4.1	0.091	0.41	17.7	20.0	0.22	470	2.43	0.10	14.2	227	410
443266		2.61	15.20	0.18	3.9	0.027	1.99	16.8	11.3	0.59	327	0.39	2.38	5.7	14.2	480
443267		3.76	18.30	0.15	4.2	0.033	1.85	16.8	12.3	0.62	290	0.88	2.11	7.9	17.2	240
443268		4.53	16.65	0.14	4.2	0.030	1.87	17.6	12.6	0.62	329	0.94	2.10	7.5	15.3	230
443269		2.94	15.80	0.15	4.1	0.026	2.16	17.5	12.4	0.64	311	0.48	2.40	7.1	15.5	350
443270		2.56	16.45	0.15	4.7	0.025	2.12	16.1	7.2	0.52	246	0.51	2.18	6.8	11.3	130
443271		2.84	14.20	0.17	4.3	0.030	2.27	20.9	16.9	0.67	371	0.40	2.28	6.7	22.7	540
443272		3.27	15.05	0.16	4.6	0.032	2.01	16.9	14.8	0.65	300	0.50	2.18	7.6	16.8	360
443273		2.67	14.55	0.17	5.1	0.028	2.17	21.8	8.5	0.53	268	0.42	2.24	6.8	12.5	410
443274		3.08	14.60	0.16	4.4	0.025	1.98	17.2	14.8	0.83	460	0.53	2.28	6.6	17.0	460
443275		2.88	14.30	0.18	3.8	0.030	1.96	20.1	13.2	0.65	600	0.79	2.24	6.6	17.2	890
443276		2.01	14.40	0.10	3.7	0.023	1.99	13.4	9.2	0.46	240	0.81	2.44	5.9	12.6	240
443277		2.35	15.35	0.17	4.4	0.021	2.09	14.8	7.7	0.48	270	0.44	2.44	6.0	11.1	380
443278		3.70	15.40	0.17	5.4	0.038	2.07	25.5	15.6	0.78	444	0.63	2.48	7.7	23.4	250
443279		2.80	14.95	0.18	4.1	0.029	2.23	31.6	13.8	0.72	381	0.42	2.52	6.6	21.9	680
443280		0.35	0.25	0.09	0.2	<0.005	0.01	1.1	14.5	<0.01	32	0.67	<0.01	1.0	2.8	10
443281		3.58	17.85	0.15	3.9	0.027	2.04	16.9	14.4	0.88	287	0.58	2.26	7.2	23.2	280
443282		2.60	15.25	0.15	3.6	0.027	2.20	16.0	9.5	0.57	286	0.56	2.29	6.6	13.0	420
443283		12.20	9.86	0.17	1.9	0.030	1.05	33.2	36.6	3.28	4420	0.72	0.58	5.0	28.3	500
443284		2.43	15.25	0.15	4.6	0.024	2.19	16.2	7.8	0.51	260	0.48	2.42	6.3	11.2	230
443285		2.69	18.80	0.16	4.6	0.029	2.15	15.5	7.5	0.56	294	0.58	2.43	7.3	11.3	210
443286		3.11	15.90	0.19	3.1	0.026	2.14	22.4	12.4	0.64	443	0.80	2.46	6.7	16.7	590
443287		3.31	15.00	0.18	3.7	0.032	2.05	22.4	16.6	0.77	424	0.40	2.26	6.3	22.2	350
443288		2.38	17.60	0.16	4.5	0.023	2.06	14.4	9.0	0.50	260	0.88	2.22	7.6	12.1	210
443289		2.51	14.00	0.17	4.8	0.023	2.13	15.4	8.4	0.56	291	0.42	2.46	6.1	12.7	470
443290		2.23	14.30	0.18	4.2	0.023	2.17	15.5	8.0	0.52	271	0.33	2.51	6.3	11.1	400

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167294

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
443251		13.8	78.1	0.002	0.04	0.18	9.2	1	1.0	278	0.42	<0.05	9.55	0.235	0.44	1.7
443252		14.6	74.7	<0.002	0.01	0.21	7.2	<1	0.9	299	0.44	<0.05	5.88	0.225	0.41	1.1
443253		15.2	73.2	<0.002	0.01	0.21	8.2	1	1.0	283	0.45	<0.05	6.48	0.249	0.43	1.3
443254		16.9	87.7	<0.002	0.01	0.25	9.2	1	1.1	321	0.51	<0.05	7.76	0.261	0.44	1.7
443255		15.7	83.0	<0.002	0.02	0.26	8.6	<1	1.1	300	0.49	<0.05	6.64	0.249	0.47	1.4
443256		4.3	5.8	<0.002	0.01	0.47	48.7	2	0.6	65.5	0.22	<0.05	0.64	0.650	0.28	0.2
443257		16.1	71.5	<0.002	0.01	0.26	8.9	1	1.1	272	0.46	<0.05	6.39	0.273	0.46	1.3
443258		16.5	67.5	<0.002	0.01	0.19	7.6	1	1.2	249	0.42	<0.05	6.49	0.249	0.43	1.5
443259		12.3	79.0	<0.002	0.02	0.21	8.0	1	0.9	326	0.43	<0.05	4.40	0.223	0.40	1.1
443260		17.5	44.7	<0.002	0.06	0.21	7.2	1	0.8	163.0	2.14	0.20	5.97	0.293	0.30	4.5
443261		12.5	84.0	<0.002	0.03	0.18	27.3	1	1.1	140.0	0.49	<0.05	3.74	0.655	0.40	1.0
443262		15.0	63.7	<0.002	0.02	0.31	9.4	1	1.1	261	0.47	<0.05	4.94	0.277	0.40	1.3
443263		14.3	81.4	<0.002	0.01	0.15	6.7	<1	1.1	285	0.52	<0.05	3.52	0.269	0.42	1.0
443264		12.2	70.9	<0.002	0.01	0.13	6.6	1	0.9	322	0.51	<0.05	3.20	0.237	0.34	0.9
443265		20.1	42.2	<0.002	0.05	0.91	51.2	4	2.8	32.4	1.05	0.11	14.10	0.742	0.23	2.5
443266		12.4	73.1	<0.002	0.01	0.17	7.2	1	0.9	303	0.49	<0.05	4.76	0.223	0.39	1.0
443267		17.5	68.8	<0.002	0.02	0.23	8.2	1	1.2	257	0.58	0.05	4.52	0.337	0.41	1.0
443268		17.7	67.5	0.003	0.02	0.25	7.6	1	1.0	263	0.56	0.06	5.18	0.295	0.38	1.1
443269		14.7	79.8	<0.002	0.01	0.22	7.7	1	1.0	302	0.57	<0.05	5.56	0.266	0.43	1.1
443270		15.3	78.1	<0.002	0.01	0.18	8.6	1	1.1	273	0.48	<0.05	3.95	0.308	0.46	1.1
443271		13.6	82.5	<0.002	0.02	0.23	7.6	<1	0.9	288	0.48	<0.05	7.85	0.245	0.46	1.2
443272		15.2	76.6	<0.002	0.02	0.20	7.6	1	0.9	273	0.60	<0.05	6.00	0.253	0.40	1.3
443273		17.6	77.0	<0.002	0.01	0.14	7.3	1	1.0	284	0.50	<0.05	5.32	0.268	0.41	1.3
443274		15.8	71.9	<0.002	0.01	0.18	7.3	<1	0.9	270	0.56	<0.05	5.44	0.253	0.42	1.2
443275		14.9	75.1	<0.002	0.04	0.18	7.7	1	0.9	281	0.49	<0.05	6.31	0.250	0.47	1.4
443276		17.5	71.9	<0.002	0.01	0.16	6.1	<1	0.8	316	0.46	<0.05	3.37	0.231	0.38	0.8
443277		13.8	75.3	<0.002	0.01	0.16	6.4	<1	0.9	309	0.46	<0.05	4.36	0.246	0.44	0.9
443278		26.6	74.6	<0.002	0.01	0.25	8.9	1	1.0	316	0.59	<0.05	7.37	0.289	0.44	1.4
443279		12.9	81.9	<0.002	0.01	0.24	8.2	1	0.9	319	0.48	<0.05	6.80	0.256	0.45	1.5
443280		0.6	0.5	<0.002	<0.01	0.22	0.2	<1	0.5	0.8	0.06	<0.05	0.71	0.031	<0.02	0.1
443281		15.4	77.6	<0.002	0.01	0.29	6.9	1	1.1	305	0.51	<0.05	4.25	0.380	0.44	1.0
443282		14.5	83.0	<0.002	0.02	0.19	6.8	1	1.0	286	0.52	<0.05	4.39	0.277	0.43	1.1
443283		16.9	92.0	0.002	0.04	0.50	5.1	1	1.0	54.0	0.33	0.26	5.89	0.156	0.61	1.2
443284		13.8	80.0	<0.002	0.01	0.15	6.8	1	1.0	310	0.49	<0.05	4.30	0.258	0.42	1.0
443285		13.5	88.2	<0.002	0.01	0.20	7.4	<1	1.3	310	0.54	<0.05	3.39	0.306	0.45	1.0
443286		16.3	81.1	<0.002	0.02	0.24	7.0	1	0.9	307	0.50	<0.05	7.11	0.258	0.43	1.1
443287		14.3	78.5	<0.002	0.02	0.30	7.9	1	0.9	284	0.47	<0.05	6.29	0.256	0.47	1.2
443288		17.0	77.1	<0.002	0.01	0.22	6.9	1	1.2	279	0.67	<0.05	3.70	0.319	0.47	1.1
443289		13.4	74.0	<0.002	0.01	0.17	6.8	1	0.9	310	0.48	<0.05	4.29	0.241	0.41	1.1
443290		12.8	76.7	<0.002	0.01	0.15	6.7	1	0.9	318	0.46	<0.05	3.30	0.240	0.42	0.9

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Projet: KAN

CERTIFICAT D'ANALYSE VO17167294

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
443251		56	0.4	14.0	42	191.5
443252		54	1.6	7.6	33	166.0
443253		56	2.7	9.9	34	170.5
443254		58	0.6	13.3	49	175.5
443255		59	0.5	10.8	50	152.5
443256		422	0.2	25.0	151	19.8
443257		76	0.6	9.0	32	214
443258		59	0.6	8.1	19	208
443259		51	0.4	10.1	53	144.5
443260		141	0.5	10.0	58	176.5
443261		256	3.0	6.6	127	170.0
443262		75	0.5	8.9	34	137.0
443263		47	0.5	6.6	17	191.5
443264		48	0.4	8.0	22	158.0
443265		224	1.7	10.9	43	145.5
443266		48	0.4	8.2	29	134.0
443267		78	0.6	6.6	31	157.0
443268		75	0.5	7.2	29	156.5
443269		57	0.4	7.7	32	157.5
443270		61	1.3	6.9	20	187.5
443271		51	0.4	10.4	33	162.0
443272		58	0.5	7.7	34	161.5
443273		51	0.5	8.3	27	193.0
443274		51	0.5	7.8	40	170.0
443275		53	0.6	9.7	42	139.5
443276		48	0.3	6.1	23	141.0
443277		50	0.9	6.8	26	171.0
443278		62	0.5	10.9	56	208
443279		55	0.4	12.6	48	155.0
443280		3	0.2	0.6	2	8.4
443281		74	0.5	6.5	36	149.0
443282		55	0.5	6.4	30	141.0
443283		31	0.2	22.4	77	71.8
443284		51	0.5	6.3	23	169.5
443285		67	0.5	6.8	30	178.0
443286		59	0.4	8.3	42	115.0
443287		61	0.4	8.5	40	142.0
443288		68	0.6	6.1	23	168.5
443289		50	0.4	7.6	27	182.5
443290		48	0.4	7.2	24	159.5

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CERTIFICAT D'ANALYSE VO17167294

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167296

Projet: KAN

Bon de commande #: SOILKAN- 022

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

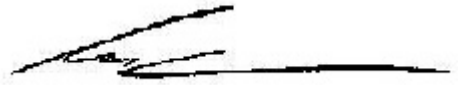
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICAT D'ANALYSE VO17167296

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
443291		0.28	<0.001	0.07	6.91	11.3	720	1.24	0.12	1.49	0.13	44.5	8.6	52	1.89	14.3
443292		0.28	<0.001	0.03	6.75	6.0	630	1.15	0.11	1.14	0.05	33.5	5.2	49	1.44	8.0
443293		0.18	<0.001	0.13	6.48	2.7	600	1.33	0.11	0.97	0.37	34.5	5.3	47	1.77	11.1
443294		0.35	0.001	0.03	6.42	6.6	600	1.17	0.16	1.12	0.04	35.6	6.0	53	1.78	13.1
443295		0.38	<0.001	0.02	6.76	10.9	730	1.07	0.08	1.28	0.03	46.0	5.9	44	1.88	10.5
443296		0.33	0.001	0.01	6.77	4.0	640	1.04	0.07	1.09	0.03	45.4	4.8	52	1.14	43.7
443297		0.34	<0.001	0.02	6.34	0.9	610	0.91	0.07	1.34	0.05	43.7	6.4	46	0.97	83.2
443298		0.32	<0.001	0.01	7.16	5.7	640	1.09	0.07	1.10	0.06	45.9	6.2	58	1.11	84.9
443299		0.35	0.001	0.05	6.64	32.2	450	0.79	0.07	1.10	0.11	39.6	15.7	48	1.04	56.0
443300		0.36	<0.001	0.01	6.93	4.0	660	1.26	0.07	1.16	0.04	47.6	6.9	59	1.22	27.8
443301		0.31	0.003	0.06	6.99	10.7	690	1.54	0.14	1.11	0.09	79.3	18.1	50	4.66	69.4
443302		0.36	0.002	0.10	6.66	52.5	590	1.38	0.25	1.20	0.13	52.9	12.8	94	2.87	43.5
443303		0.41	<0.001	0.02	6.88	3.8	700	1.21	0.11	1.52	0.04	48.5	7.1	46	1.27	12.2
443304		0.37	0.001	0.02	6.54	114.5	610	1.25	0.16	1.42	0.09	35.8	12.4	55	1.61	39.3
443305		0.07	<0.001	0.04	9.31	9.7	150	0.98	0.36	0.30	0.03	47.9	7.0	115	6.02	32.2
443306		0.30	<0.001	0.02	6.54	8.1	700	1.20	0.18	1.42	0.09	43.5	5.0	44	1.37	16.0
443307		0.30	<0.001	0.02	7.31	37.4	680	1.24	0.11	1.35	0.05	37.1	7.5	51	1.32	25.6
443308		0.41	<0.001	0.03	6.85	3.1	700	1.21	0.10	1.47	0.05	40.3	6.5	46	1.20	5.5
443309		0.37	<0.001	0.04	6.73	2.0	690	1.33	0.08	1.44	0.04	37.3	5.4	42	1.07	6.4
443310		0.35	<0.001	0.04	6.39	9.3	550	0.98	0.16	1.23	0.08	32.1	8.3	54	1.24	25.3
443311		0.42	<0.001	0.03	6.39	1.4	660	1.11	0.11	1.24	0.05	32.6	5.3	44	1.10	19.5
443312		0.41	<0.001	0.02	6.86	3.6	640	1.30	0.10	1.45	0.03	40.9	7.5	47	1.22	17.3
443313		0.36	<0.001	0.01	6.66	3.1	640	1.14	0.10	1.27	0.05	35.4	6.0	48	1.19	9.0
443314		0.38	<0.001	0.01	6.79	5.3	640	1.28	0.10	1.40	0.05	40.0	6.5	55	1.12	7.1
443315		0.36	<0.001	0.05	6.73	9.9	610	1.46	0.12	1.36	0.12	54.4	10.0	53	1.30	18.9
443316		0.32	<0.001	0.07	5.90	22.0	530	0.97	0.16	1.13	0.07	32.0	6.4	66	1.66	15.2
443317		0.35	<0.001	0.04	6.71	12.4	620	1.23	0.12	1.30	0.06	35.8	8.1	57	1.90	12.8
443318		0.47	<0.001	0.05	6.99	2.2	680	1.42	0.10	1.52	0.04	57.6	8.3	53	1.96	24.0
443319		0.44	<0.001	0.03	6.72	3.5	600	1.16	0.11	1.47	0.06	41.5	6.7	49	1.28	6.9
443320		0.08	<0.001	0.01	0.11	0.4	<10	0.05	0.01	0.01	<0.02	2.19	0.4	6	0.09	4.6
443321		0.36	<0.001	0.05	6.22	5.7	590	1.00	0.09	1.47	0.07	33.3	7.8	56	1.48	19.2
443322		0.34	<0.001	0.04	5.25	54.1	450	1.31	0.12	0.90	0.08	37.0	12.6	49	4.42	54.7
443323		0.47	<0.001	0.04	6.40	1.3	660	1.22	0.16	1.43	0.05	36.2	6.4	42	1.67	14.2
443324		0.42	<0.001	0.02	6.60	2.5	630	1.08	0.10	1.44	0.05	34.7	6.7	48	1.33	10.4
443325		0.42	<0.001	0.03	6.89	2.6	650	1.17	0.10	1.32	0.06	38.9	7.4	49	1.51	11.3
443326		0.37	<0.001	0.01	6.87	13.5	610	1.29	0.12	1.13	0.07	38.5	7.5	51	1.77	12.9
443327		0.41	<0.001	0.02	6.61	2.0	660	1.25	0.08	1.46	0.04	38.1	6.5	43	1.35	17.2
443328		0.38	<0.001	0.02	6.60	3.7	600	1.16	0.14	0.99	0.06	37.8	7.1	52	2.00	8.0
443329		0.39	<0.001	0.02	6.37	4.7	620	1.24	0.17	1.16	0.06	34.5	6.5	51	1.69	13.9
443330		0.31	<0.001	0.08	6.36	2.9	610	1.11	0.28	1.29	0.09	32.4	6.9	45	1.40	9.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167296

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
443291		3.31	18.35	0.14	4.5	0.032	2.11	19.3	16.0	0.67	357	0.89	2.10	8.6	17.0	350
443292		3.36	16.75	0.13	4.7	0.030	1.96	15.0	11.6	0.49	260	0.58	2.09	7.2	11.2	250
443293		2.53	15.45	0.12	4.1	0.032	1.99	16.4	10.1	0.46	312	0.58	1.79	6.1	12.7	590
443294		4.28	17.60	0.12	4.1	0.036	1.92	16.8	16.1	0.68	367	0.57	1.95	7.4	13.9	230
443295		2.74	17.45	0.12	5.5	0.028	2.32	23.4	14.0	0.72	299	0.34	2.15	6.3	13.3	170
443296		3.60	16.80	0.12	5.3	0.033	2.02	22.7	13.0	0.63	270	0.46	1.98	6.1	12.2	230
443297		4.14	16.65	0.13	5.4	0.036	1.87	21.9	11.2	0.70	329	0.47	1.77	5.8	12.4	290
443298		4.38	16.05	0.13	5.1	0.035	2.05	23.5	19.4	0.73	309	0.47	1.98	6.1	15.6	230
443299		6.03	15.55	0.11	4.3	0.033	1.37	18.8	23.8	1.38	538	0.59	1.50	5.7	27.3	390
443300		4.24	16.80	0.13	5.7	0.034	2.10	24.0	17.5	0.77	360	0.54	2.02	6.6	16.8	220
443301		5.17	15.90	0.15	3.6	0.040	1.33	51.4	48.7	1.89	3410	0.99	1.78	7.2	30.0	340
443302		6.56	16.50	0.12	4.3	0.046	1.85	24.2	22.1	1.10	1110	1.88	1.76	8.4	22.1	430
443303		3.19	14.80	0.10	5.0	0.027	2.19	21.6	12.2	0.67	408	0.39	2.51	7.2	14.9	190
443304		4.93	15.95	0.11	5.0	0.036	1.91	15.0	22.5	0.74	682	0.82	2.09	7.8	18.8	170
443305		6.54	24.7	0.10	4.7	0.087	0.48	22.1	34.7	0.31	480	2.52	0.13	21.9	43.4	500
443306		3.65	17.45	0.12	4.7	0.030	2.16	21.7	9.1	0.60	338	1.57	2.25	7.8	13.0	170
443307		3.15	14.80	0.12	4.4	0.031	2.14	16.7	13.6	0.72	348	0.38	2.34	6.8	16.3	180
443308		3.20	15.60	0.12	4.2	0.023	2.19	18.1	12.3	0.67	356	0.48	2.46	7.3	14.0	340
443309		2.59	13.95	0.13	4.1	0.026	2.21	17.7	10.9	0.58	311	0.22	2.43	6.4	12.8	550
443310		6.05	18.85	0.10	4.7	0.036	1.68	14.4	11.4	0.75	424	0.94	1.96	8.9	14.9	240
443311		2.88	17.20	0.14	5.0	0.030	2.12	15.2	10.7	0.60	280	0.45	2.14	7.1	11.8	240
443312		2.93	13.80	0.12	4.2	0.027	2.02	18.2	12.9	0.69	371	0.31	2.36	6.4	16.8	200
443313		3.28	15.10	0.15	4.6	0.025	1.96	16.6	12.8	0.60	354	0.34	2.19	7.1	13.5	210
443314		3.31	15.10	0.13	4.5	0.029	1.98	18.3	13.4	0.68	302	0.46	2.23	7.4	15.5	350
443315		3.51	15.00	0.14	4.2	0.030	1.87	23.8	22.0	0.78	455	0.38	2.23	7.5	19.5	480
443316		4.48	16.25	0.11	4.5	0.034	1.62	14.4	10.2	0.75	456	0.74	1.77	7.9	16.6	390
443317		3.91	15.55	0.13	3.8	0.036	2.00	16.4	16.0	0.80	405	0.67	2.06	7.1	19.4	280
443318		3.15	15.00	0.14	3.7	0.029	2.11	35.3	17.3	0.86	376	0.47	2.29	7.1	19.3	590
443319		3.16	14.45	0.13	4.5	0.026	1.94	18.8	11.4	0.63	365	0.46	2.41	6.6	14.9	450
443320		0.35	0.26	0.08	0.3	<0.005	0.01	1.0	14.6	<0.01	32	0.64	0.01	0.9	2.6	20
443321		3.28	14.00	0.13	3.7	0.025	1.79	15.5	12.8	0.83	446	0.32	2.12	5.7	17.6	420
443322		5.58	12.40	0.12	3.5	0.039	1.44	19.1	21.3	1.27	1140	1.42	1.39	6.9	20.7	730
443323		2.48	13.20	0.12	4.4	0.023	2.12	17.9	8.1	0.59	412	0.47	2.48	5.8	12.6	440
443324		3.01	15.30	0.12	5.2	0.030	1.99	16.3	13.0	0.68	333	0.52	2.31	6.7	16.0	360
443325		3.02	14.80	0.12	4.0	0.031	2.07	18.5	15.2	0.70	340	0.39	2.24	6.5	17.4	410
443326		3.38	15.60	0.14	4.2	0.029	1.97	16.7	16.5	0.59	274	0.51	2.04	7.2	14.9	250
443327		2.65	13.80	0.14	4.2	0.026	2.09	17.7	12.2	0.66	316	0.22	2.36	6.3	15.3	320
443328		4.25	16.90	0.10	4.3	0.035	1.91	18.0	20.4	0.67	341	0.55	1.76	7.8	14.9	270
443329		4.58	19.95	0.12	4.1	0.031	1.99	16.2	13.3	0.69	375	0.90	1.96	7.8	15.2	230
443330		3.72	21.5	0.14	4.6	0.040	1.85	15.8	11.7	0.59	433	1.39	1.99	7.6	13.9	200

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167296

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
443291		16.7	80.8	<0.002	0.01	0.22	8.7	1	1.2	261	0.64	<0.05	5.51	0.356	0.48	1.3
443292		15.1	70.0	<0.002	0.01	0.22	7.3	1	1.0	258	0.55	<0.05	4.44	0.303	0.41	1.1
443293		13.5	79.5	<0.002	0.03	0.22	8.0	1	1.1	213	0.44	<0.05	5.76	0.264	0.45	1.3
443294		16.3	70.6	<0.002	0.01	0.24	8.3	1	1.1	239	0.54	0.06	5.58	0.303	0.41	1.1
443295		14.9	80.6	<0.002	0.01	0.11	9.4	1	1.1	285	0.42	<0.05	6.22	0.284	0.49	1.1
443296		15.1	64.7	<0.002	0.01	0.18	8.5	1	1.0	262	0.40	<0.05	6.50	0.256	0.38	1.2
443297		14.6	58.2	<0.002	0.02	0.19	11.0	1	1.0	235	0.39	<0.05	6.53	0.306	0.37	1.2
443298		15.5	64.7	<0.002	0.02	0.19	8.9	1	0.9	264	0.41	<0.05	6.80	0.254	0.40	1.2
443299		11.8	43.3	<0.002	0.03	0.20	15.7	1	0.8	180.0	0.42	0.05	5.63	0.331	0.31	0.9
443300		15.3	67.8	<0.002	0.01	0.21	9.2	1	1.0	270	0.46	<0.05	6.99	0.263	0.41	1.3
443301		16.1	60.0	<0.002	0.03	0.30	10.0	1	1.4	110.5	0.53	0.17	12.10	0.286	0.49	3.1
443302		18.6	75.4	<0.002	0.04	0.29	11.9	1	1.2	216	0.60	0.25	8.06	0.309	0.58	1.9
443303		13.6	71.0	<0.002	0.01	0.15	7.6	1	1.0	325	0.55	0.05	5.35	0.279	0.42	1.1
443304		14.7	63.4	<0.002	0.01	0.31	8.2	1	1.1	260	0.60	0.08	6.23	0.324	0.41	1.1
443305		22.2	58.9	<0.002	0.05	0.64	13.4	3	4.0	46.6	1.61	0.06	15.60	1.035	0.32	2.6
443306		15.3	74.4	<0.002	0.01	0.31	7.6	1	1.3	296	0.61	0.09	4.23	0.328	0.45	1.3
443307		13.7	71.6	<0.002	0.02	0.19	8.5	1	1.0	292	0.51	<0.05	6.35	0.267	0.40	1.0
443308		14.0	72.7	<0.002	0.01	0.13	7.4	<1	1.0	316	0.55	<0.05	5.12	0.287	0.38	0.8
443309		11.8	72.8	<0.002	0.01	0.15	7.3	1	0.8	305	0.50	<0.05	4.64	0.240	0.39	0.9
443310		19.2	54.5	<0.002	0.02	0.24	11.0	1	1.2	227	0.59	0.14	4.33	0.444	0.34	1.0
443311		15.2	69.7	<0.002	0.01	0.15	8.3	1	1.1	267	0.60	<0.05	4.54	0.300	0.41	1.0
443312		11.7	65.7	<0.002	0.01	0.14	8.1	1	0.9	297	0.50	<0.05	5.61	0.258	0.36	1.0
443313		12.4	65.9	<0.002	0.01	0.13	7.4	1	0.9	276	0.54	<0.05	5.07	0.277	0.36	0.9
443314		14.0	65.2	<0.002	0.02	0.14	8.1	1	1.0	285	0.53	<0.05	6.03	0.301	0.38	1.0
443315		12.8	62.3	<0.002	0.02	0.15	8.2	1	1.0	262	0.57	<0.05	6.47	0.281	0.43	1.2
443316		13.9	56.9	<0.002	0.03	0.35	9.0	<1	1.0	207	0.70	0.06	4.87	0.340	0.36	1.2
443317		14.5	69.3	<0.002	0.02	0.22	9.0	<1	1.0	262	0.59	<0.05	5.91	0.295	0.41	1.0
443318		12.2	76.1	<0.002	0.02	0.16	9.0	1	1.0	292	0.53	<0.05	6.64	0.283	0.42	1.4
443319		13.0	67.2	<0.002	0.01	0.18	7.6	<1	0.9	301	0.52	0.05	4.42	0.262	0.35	1.0
443320		<0.5	0.4	<0.002	<0.01	0.20	0.2	<1	0.5	1.1	0.06	<0.05	0.68	0.030	<0.02	0.2
443321		12.5	60.5	<0.002	0.02	0.13	9.0	1	0.9	245	0.42	0.05	3.98	0.269	0.34	0.9
443322		30.4	58.6	<0.002	0.04	0.27	6.6	1	1.0	163.5	0.46	<0.05	6.61	0.251	0.34	1.2
443323		13.1	74.5	<0.002	0.02	0.14	6.8	<1	0.8	304	0.44	<0.05	4.11	0.235	0.39	1.1
443324		11.9	67.7	<0.002	0.01	0.17	7.7	<1	0.9	286	0.52	<0.05	4.48	0.293	0.40	1.0
443325		13.2	71.9	<0.002	0.01	0.17	7.8	<1	0.9	277	0.54	<0.05	5.71	0.265	0.40	1.1
443326		13.3	73.8	<0.002	0.02	0.19	7.7	1	1.0	253	0.63	<0.05	6.01	0.278	0.40	1.1
443327		11.0	71.7	<0.002	0.01	0.13	7.6	1	0.8	293	0.48	<0.05	4.61	0.261	0.37	0.9
443328		14.0	69.6	<0.002	0.01	0.19	8.6	1	1.1	213	0.57	<0.05	5.00	0.326	0.41	1.1
443329		15.8	73.2	<0.002	0.01	0.19	8.7	1	1.1	242	0.59	0.06	4.50	0.323	0.40	1.0
443330		16.1	69.2	<0.002	0.01	0.19	9.8	<1	1.3	244	0.59	0.41	4.04	0.328	0.42	1.0

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167296

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
443291		75	0.6	9.0	36	167.5
443292		69	0.6	7.2	22	175.0
443293		57	0.5	8.5	27	158.5
443294		73	0.6	7.5	28	152.0
443295		85	0.5	9.1	29	203
443296		72	0.5	8.4	27	203
443297		122	0.5	8.3	37	199.0
443298		66	0.4	8.7	33	196.0
443299		130	0.5	9.6	58	161.0
443300		72	0.5	9.1	34	211
443301		60	0.8	17.0	70	138.0
443302		86	0.7	12.3	55	167.0
443303		59	0.5	9.4	32	184.0
443304		87	0.6	8.6	38	187.0
443305		156	2.3	11.6	46	182.0
443306		81	0.6	8.2	30	171.0
443307		59	0.5	7.7	31	155.0
443308		62	0.4	7.4	30	155.0
443309		50	0.4	8.2	26	151.0
443310		110	0.7	9.6	34	178.5
443311		96	0.6	7.7	24	184.5
443312		56	0.5	8.3	31	147.5
443313		60	0.5	7.8	25	165.0
443314		64	0.5	8.7	28	162.0
443315		61	0.5	9.8	34	154.0
443316		80	0.6	7.5	35	163.0
443317		69	0.5	7.9	35	138.0
443318		72	0.9	11.9	44	136.5
443319		57	0.7	8.7	31	164.0
443320		2	0.2	0.6	3	8.5
443321		62	0.4	7.8	31	138.0
443322		58	0.4	9.0	83	133.0
443323		48	4.7	8.1	29	163.0
443324		63	0.5	8.2	33	186.5
443325		60	0.4	8.4	36	143.5
443326		61	0.5	7.2	29	152.0
443327		55	0.4	8.5	31	162.0
443328		81	0.6	8.4	32	155.5
443329		82	0.6	8.2	32	152.0
443330		75	0.7	10.3	31	165.0

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Finalisée date: 9- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167296

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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QUEBEC QC G1K 7R1

Finalisée date: 5- SEPT- 2017
Compte: MINVIR

CERTIFICAT VO17167299

Projet: KAN

Bon de commande #: SOILKAN- 023

Ce rapport s'applique aux 40 échantillons de sol soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2017.

Les résultats sont transmis à:

SIMON HEBERT CORPORATIF WEBTREIVE	LEE SCHOLL	JAMIE TODD

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 22	Entrée échantillon - Reçu sans code barre
LOG- 23	Entrée pulpe - Reçu avec code barre
SCR- 41	Filtrer à - 180 um et enregistrer les deux

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30 g FA fini ICP- AES	ICP- AES
ME- MS61	ICP- MS 48 éléments, quatre acides	

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 5- SEPT- 2017
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Projet: KAN

CERTIFICAT D'ANALYSE VO17167299

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- ICP21 Au ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05	ME- MS61 Cu ppm 0.2
443331		0.33	0.005	0.04	7.09	3.9	700	1.19	0.12	1.18	0.06	36.3	7.1	46	2.08	8.9
443332		0.36	<0.001	0.09	6.93	1.8	690	1.30	0.10	1.27	0.08	30.5	4.7	39	1.34	5.2
443333		0.37	<0.001	0.03	6.94	2.2	650	1.28	0.10	1.27	0.08	32.5	5.7	39	1.17	7.2
443334		0.39	<0.001	0.02	6.94	3.2	710	1.36	0.12	1.38	0.04	35.7	6.9	46	1.62	5.7
443335		0.35	<0.001	0.06	7.45	4.7	750	1.54	0.15	1.38	0.09	52.4	10.2	54	2.05	14.0
443336		0.34	<0.001	0.06	6.34	33.4	570	1.26	0.23	1.89	0.14	46.4	13.4	83	2.11	41.8
443337		0.39	<0.001	0.08	6.78	3.2	660	1.29	0.12	1.32	0.07	26.6	6.2	41	1.69	8.2
443338		0.40	0.001	0.05	7.11	2.3	730	1.30	0.10	1.42	0.06	38.4	5.9	39	1.46	10.1
443339		0.32	0.001	0.02	6.94	9.1	650	1.17	0.12	1.27	0.06	32.0	7.0	48	1.52	12.4
443340		0.34	<0.001	0.10	7.94	5.4	760	1.48	0.16	1.30	0.07	40.7	7.0	52	2.35	21.9
443341		0.36	0.001	0.04	7.30	9.9	710	1.61	0.16	1.16	0.12	39.1	6.4	49	3.62	15.7
443342		0.36	0.001	0.13	5.97	16.8	690	1.06	0.24	0.99	0.07	28.4	4.7	42	2.87	13.5
443343		0.44	<0.001	0.02	7.79	4.9	760	1.54	0.15	1.30	0.06	55.9	12.6	57	2.28	20.4
443344		0.42	<0.001	0.04	6.68	5.7	600	1.19	0.15	1.15	0.08	36.6	7.2	52	1.95	16.8
443345		0.08	<0.001	0.04	9.74	10.5	160	0.96	0.36	0.30	0.04	48.1	7.8	113	6.78	34.2
443346		0.37	<0.001	0.06	6.72	3.7	650	1.24	0.12	1.19	0.07	31.9	6.5	44	1.64	10.8
443347		0.37	<0.001	0.03	6.44	3.7	660	1.12	0.15	1.18	0.09	30.1	5.6	41	1.76	5.1
443348		0.42	<0.001	0.02	7.45	4.3	660	1.50	0.13	1.30	0.07	46.9	9.3	49	1.64	12.7
443349		0.41	<0.001	0.03	6.90	3.0	680	1.15	0.13	1.31	0.06	35.1	7.0	45	1.44	11.9
443350		0.43	<0.001	0.14	5.36	1.9	540	1.63	0.12	0.52	0.07	46.5	8.9	36	7.42	38.2
443351		0.27	<0.001	0.04	6.99	4.3	690	1.42	0.13	1.60	0.06	50.4	11.3	49	2.37	19.2
443352		0.22	<0.001	0.05	6.90	3.8	600	1.58	0.71	1.01	0.07	42.3	14.3	52	2.68	21.0
443353		0.20	<0.001	0.10	5.49	33.7	410	1.53	0.18	1.32	0.21	64.6	15.0	44	6.73	46.6
443354		0.29	<0.001	0.04	6.68	5.6	710	1.28	0.13	1.43	0.09	44.2	10.8	53	2.26	18.8
443355		0.23	<0.001	0.03	6.08	22.9	550	1.14	0.15	0.92	0.08	39.1	6.1	44	1.70	23.1
443356		0.27	0.002	0.05	5.08	18.3	580	1.11	0.23	0.78	0.07	30.3	8.8	41	6.82	29.4
443357		0.38	0.016	0.69	5.54	9.2	450	1.45	1.19	0.39	0.05	65.5	5.2	48	3.02	50.1
443358		0.36	<0.001	0.02	6.21	4.5	610	1.26	0.11	1.18	0.09	41.6	6.9	53	2.11	10.1
443359		0.43	<0.001	0.10	4.30	1.4	190	1.02	0.31	0.16	0.11	21.6	5.1	41	12.95	37.5
443360		0.08	<0.001	0.01	0.09	0.8	<10	0.08	0.02	0.01	<0.02	2.18	0.4	5	0.09	4.3
443361		0.42	<0.001	0.07	6.27	12.3	540	1.57	0.15	0.88	0.09	68.5	11.7	59	2.65	23.1
443362		0.35	<0.001	0.11	5.90	7.9	380	1.44	0.28	0.75	0.07	45.5	13.5	36	2.93	25.6
443363		0.40	0.003	0.05	5.18	16.6	470	1.28	0.33	0.68	0.10	56.3	13.0	32	3.53	50.8
443364		0.39	0.001	0.12	5.80	20.6	490	1.43	0.42	0.67	0.14	58.7	14.5	39	3.84	57.6
443365		0.40	0.001	0.02	6.50	17.7	550	1.20	0.12	1.34	0.06	46.8	10.7	56	1.46	33.5
443366		0.41	<0.001	0.02	6.17	4.7	700	1.19	0.11	1.12	0.06	39.8	10.3	45	1.90	23.3
443367		0.40	0.003	0.03	5.51	1.7	560	0.75	0.13	2.01	0.06	31.5	12.8	41	2.05	52.2
443368		0.40	<0.001	0.04	6.36	22.6	680	1.32	0.12	1.38	0.11	59.3	13.5	56	2.59	82.3
443369		0.33	0.001	0.08	6.60	45.5	460	0.88	0.49	2.31	0.34	55.4	27.8	35	2.95	148.5
443370		0.29	0.004	0.19	5.99	4.5	580	0.87	0.14	2.25	0.53	49.1	41.4	37	2.60	265

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Finalisée date: 5- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167299

Description échantillon	Méthode élément unités L.D.	ME- MS61 Fe % 0.01	ME- MS61 Ga ppm 0.05	ME- MS61 Ge ppm 0.05	ME- MS61 Hf ppm 0.1	ME- MS61 In ppm 0.005	ME- MS61 K % 0.01	ME- MS61 La ppm 0.5	ME- MS61 Li ppm 0.2	ME- MS61 Mg % 0.01	ME- MS61 Mn ppm 5	ME- MS61 Mo ppm 0.05	ME- MS61 Na % 0.01	ME- MS61 Nb ppm 0.1	ME- MS61 Ni ppm 0.2	ME- MS61 P ppm 10
443331		3.39	16.25	0.07	4.2	0.031	2.19	18.7	16.5	0.67	334	0.98	2.20	7.2	16.8	370
443332		2.54	14.75	0.07	4.4	0.026	2.08	15.0	10.9	0.46	285	0.56	2.43	6.3	10.9	360
443333		2.78	13.85	0.07	3.9	0.027	1.98	15.8	11.6	0.49	281	0.52	2.30	6.5	13.4	440
443334		3.22	17.15	0.06	5.6	0.026	2.18	18.5	14.3	0.66	368	0.98	2.43	8.4	15.5	90
443335		3.91	18.20	0.07	4.9	0.033	2.33	24.7	21.2	0.80	525	0.62	2.27	8.3	21.2	440
443336		4.07	14.70	0.06	3.8	0.037	1.69	21.3	26.7	0.89	731	1.51	1.72	7.1	26.0	480
443337		3.02	15.60	0.05	3.7	0.027	2.04	13.2	12.8	0.62	316	0.62	2.31	6.7	14.8	490
443338		2.64	14.95	0.07	4.0	0.028	2.20	18.9	11.7	0.58	342	0.33	2.47	7.2	14.2	560
443339		3.18	14.00	0.07	4.3	0.026	1.96	15.7	12.8	0.62	341	0.45	2.22	6.3	15.5	350
443340		3.93	18.85	0.06	4.3	0.032	2.32	20.1	16.7	0.66	363	0.61	2.39	8.4	16.8	320
443341		4.50	18.30	0.07	5.1	0.038	2.16	20.9	16.7	0.67	410	0.82	2.10	9.0	16.5	300
443342		5.00	18.15	0.07	4.8	0.026	2.09	14.4	7.5	0.55	472	1.43	1.79	8.5	10.8	480
443343		3.70	16.85	0.08	3.6	0.034	2.37	26.9	21.5	0.93	610	0.44	2.28	7.9	27.0	470
443344		4.28	16.55	0.06	4.1	0.035	1.90	17.1	17.6	0.67	380	0.69	2.00	8.8	17.5	370
443345		6.74	26.2	0.07	4.8	0.091	0.49	23.0	37.8	0.31	513	2.52	0.14	24.4	46.3	520
443346		3.00	15.20	0.06	4.3	0.028	1.94	15.6	13.5	0.58	304	0.55	2.13	7.3	15.5	360
443347		3.02	18.00	0.06	5.6	0.028	2.04	15.1	10.4	0.58	294	0.53	2.14	8.1	13.6	180
443348		3.57	15.75	0.07	4.3	0.030	2.00	20.3	17.8	0.71	353	0.50	2.29	7.4	20.7	300
443349		2.97	15.45	0.06	4.2	0.032	2.06	17.4	14.8	0.68	352	0.43	2.32	7.1	17.2	180
443350		8.65	13.45	0.06	3.4	0.034	1.75	23.1	34.8	1.11	3540	1.30	1.19	7.6	16.1	370
443351		3.75	15.05	0.08	5.4	0.033	2.06	23.0	15.5	0.80	736	0.91	2.47	7.9	19.7	770
443352		5.27	16.30	0.07	4.0	0.036	1.77	22.1	31.6	0.94	1290	3.44	1.80	8.6	20.8	560
443353		9.05	12.50	0.09	3.0	0.045	1.33	33.7	48.5	1.57	2380	0.84	0.84	9.7	32.3	1010
443354		3.62	17.45	0.15	3.8	0.028	2.26	20.2	15.2	0.88	672	0.52	2.20	7.4	20.9	500
443355		4.29	13.95	0.14	3.4	0.032	1.72	19.7	13.9	0.66	433	0.65	1.67	7.2	13.7	260
443356		10.10	14.45	0.11	3.2	0.041	1.50	15.0	9.8	1.23	3230	1.20	1.09	8.5	15.5	220
443357		11.70	16.40	0.15	3.7	0.072	2.00	35.1	26.6	1.21	650	3.32	0.75	9.9	10.4	590
443358		5.20	17.45	0.15	3.4	0.031	2.08	20.1	11.3	0.72	544	1.12	2.08	8.8	13.7	280
443359		17.35	15.60	0.12	2.0	0.041	0.60	12.3	36.4	2.29	698	1.22	0.16	10.6	11.2	410
443360		0.36	0.28	<0.05	0.2	<0.005	0.01	1.0	13.4	0.01	31	0.65	<0.01	0.9	2.7	10
443361		6.65	14.70	0.16	3.5	0.036	1.75	30.7	28.6	1.15	803	1.64	1.61	7.1	21.5	440
443362		5.44	17.25	0.14	4.1	0.033	1.27	19.7	31.0	1.88	990	1.10	1.70	7.4	18.0	250
443363		8.89	12.80	0.14	3.0	0.033	1.56	28.8	18.8	0.78	2540	0.92	1.52	6.7	18.2	300
443364		9.04	13.65	0.14	3.5	0.035	1.59	23.1	25.6	0.97	2520	2.30	1.50	7.3	21.5	330
443365		5.00	16.45	0.17	4.3	0.035	1.70	21.6	15.9	0.89	492	0.57	1.83	8.5	20.1	320
443366		4.36	16.25	0.16	4.4	0.027	2.00	19.0	15.2	0.75	901	0.52	1.83	7.1	16.8	390
443367		6.40	22.2	0.16	5.8	0.038	1.71	15.8	6.1	0.97	629	0.97	1.47	9.0	20.8	220
443368		3.85	16.15	0.20	5.6	0.034	1.91	36.2	21.0	1.19	1360	0.49	1.76	7.9	26.4	670
443369		7.05	25.1	0.18	5.4	0.056	1.40	29.7	15.8	1.17	1340	2.46	1.65	9.2	12.3	410
443370		5.90	19.20	0.16	4.1	0.043	1.60	24.3	11.6	0.92	2650	0.41	1.65	7.4	20.0	460

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167299

Description échantillon	Méthode élément unités L.D.	ME- MS61 Pb ppm 0.5	ME- MS61 Rb ppm 0.1	ME- MS61 Re ppm 0.002	ME- MS61 S % 0.01	ME- MS61 Sb ppm 0.05	ME- MS61 Sc ppm 0.1	ME- MS61 Se ppm 1	ME- MS61 Sn ppm 0.2	ME- MS61 Sr ppm 0.2	ME- MS61 Ta ppm 0.05	ME- MS61 Te ppm 0.05	ME- MS61 Th ppm 0.01	ME- MS61 Ti % 0.005	ME- MS61 Tl ppm 0.02	ME- MS61 U ppm 0.1
443331		14.6	79.4	<0.002	0.01	0.23	8.2	1	1.0	269	0.54	<0.05	4.92	0.293	0.43	1.0
443332		14.7	70.4	<0.002	0.01	0.18	6.9	1	0.9	304	0.48	<0.05	3.88	0.254	0.39	0.9
443333		13.2	66.5	<0.002	0.01	0.18	7.0	<1	0.8	293	0.51	<0.05	4.30	0.234	0.35	0.9
443334		14.2	76.8	<0.002	<0.01	0.19	8.9	<1	1.1	310	0.64	<0.05	4.19	0.313	0.44	1.0
443335		17.7	81.5	<0.002	0.01	0.23	9.9	1	1.1	292	0.60	<0.05	6.60	0.317	0.51	1.3
443336		15.2	66.5	<0.002	0.06	0.34	11.2	1	0.9	218	0.52	0.13	6.19	0.310	0.38	1.2
443337		13.7	72.0	<0.002	0.01	0.19	7.4	1	0.9	289	0.50	<0.05	3.31	0.258	0.40	0.9
443338		13.8	75.4	<0.002	0.01	0.18	7.8	<1	0.9	315	0.67	<0.05	4.34	0.240	0.42	1.0
443339		13.8	64.9	<0.002	0.02	0.22	7.8	1	0.8	281	0.48	<0.05	4.20	0.247	0.36	1.0
443340		17.5	87.4	<0.002	0.02	0.21	9.0	1	1.1	303	0.80	0.05	5.66	0.313	0.48	1.3
443341		16.7	81.7	<0.002	0.02	0.31	8.4	1	1.3	269	0.66	0.05	4.82	0.358	0.50	1.3
443342		20.2	78.6	<0.002	0.02	0.45	6.8	<1	1.3	237	0.60	0.09	4.64	0.351	0.45	1.3
443343		17.2	88.1	<0.002	0.01	0.27	10.0	<1	1.0	282	0.59	<0.05	7.64	0.298	0.53	1.3
443344		17.1	69.3	<0.002	0.03	0.26	8.3	1	1.1	254	0.68	0.05	5.16	0.310	0.40	1.1
443345		24.4	59.9	<0.002	0.05	0.72	14.1	3	4.0	49.6	1.75	0.06	15.05	1.065	0.37	2.7
443346		15.6	69.0	<0.002	0.01	0.20	7.5	<1	1.0	267	0.59	<0.05	4.29	0.277	0.41	1.2
443347		15.3	70.5	<0.002	0.01	0.22	7.7	<1	1.1	266	0.60	<0.05	4.09	0.315	0.42	1.1
443348		15.1	70.0	<0.002	0.01	0.22	8.7	<1	1.0	284	0.57	<0.05	5.78	0.287	0.43	1.2
443349		13.8	70.7	<0.002	0.01	0.17	8.2	1	0.9	292	0.53	<0.05	4.70	0.272	0.45	1.0
443350		13.3	106.5	<0.002	0.01	0.24	6.7	<1	1.0	132.5	0.50	0.07	5.91	0.248	0.51	0.9
443351		16.0	76.8	<0.002	0.01	0.23	8.6	<1	1.0	314	0.60	<0.05	5.54	0.285	0.44	1.4
443352		34.0	63.5	<0.002	0.02	0.23	7.6	1	0.9	214	0.58	0.23	6.34	0.330	0.36	1.2
443353		10.8	110.5	<0.002	0.06	0.24	8.5	2	1.4	120.0	0.69	0.10	7.36	0.282	0.36	3.3
443354		15.7	83.3	<0.002	0.01	0.19	8.7	1	1.0	281	0.53	<0.05	5.44	0.284	0.44	1.1
443355		16.2	59.8	<0.002	0.02	0.20	7.5	1	0.8	196.5	0.52	0.10	5.85	0.273	0.40	1.3
443356		17.8	69.0	<0.002	0.02	0.25	7.3	1	1.2	144.5	0.61	0.20	5.50	0.249	0.53	1.4
443357		18.1	97.6	<0.002	0.04	0.68	8.6	3	1.8	101.0	0.76	0.60	13.70	0.292	0.83	2.5
443358		14.0	85.6	<0.002	0.01	0.29	9.6	1	1.1	259	0.65	<0.05	5.45	0.287	0.39	1.3
443359		13.0	67.6	<0.002	0.07	0.19	6.4	1	2.2	25.1	0.71	0.21	8.53	0.235	0.70	1.3
443360		0.5	0.4	<0.002	<0.01	0.18	0.2	<1	0.5	0.7	0.06	<0.05	0.70	0.029	<0.02	0.1
443361		16.9	82.3	<0.002	0.01	0.24	8.4	1	1.0	205	0.45	0.06	12.15	0.238	0.41	1.5
443362		17.9	68.5	<0.002	0.01	0.20	6.8	1	1.1	157.0	0.50	0.12	7.76	0.247	0.34	1.4
443363		17.9	78.1	<0.002	0.02	0.26	6.2	2	1.0	174.5	0.53	0.14	7.30	0.186	0.49	1.3
443364		17.3	79.0	<0.002	0.01	0.27	7.1	1	0.9	171.5	0.49	0.20	7.39	0.205	0.42	1.3
443365		14.5	60.6	<0.002	0.02	0.21	10.0	1	1.0	224	0.60	0.05	7.57	0.316	0.34	1.2
443366		14.1	71.0	<0.002	0.01	0.18	8.2	1	0.9	216	0.48	0.05	5.12	0.280	0.38	1.1
443367		14.1	58.4	<0.002	0.01	0.27	15.4	1	1.4	183.5	0.58	0.22	5.28	0.998	0.41	1.2
443368		13.1	72.5	<0.002	0.04	0.16	11.5	1	1.0	203	0.54	0.08	9.33	0.310	0.36	1.8
443369		14.3	58.1	<0.002	0.03	0.30	25.5	2	1.5	203	0.59	0.35	7.03	0.527	0.32	1.7
443370		17.0	58.5	<0.002	0.04	0.18	17.7	1	1.2	217	0.49	0.10	6.31	0.423	0.36	1.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167299

Description échantillon	Méthode élément unités L.D.	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
443331		73	0.5	7.3	38	155.5
443332		53	0.5	7.0	23	160.0
443333		52	0.4	7.1	24	144.5
443334		74	0.5	7.7	31	196.5
443335		79	0.6	9.4	45	179.5
443336		83	0.5	9.8	55	140.0
443337		61	0.5	7.0	34	134.0
443338		50	0.4	8.7	29	144.0
443339		57	0.4	7.3	29	156.5
443340		74	0.6	8.7	40	157.0
443341		76	0.7	10.3	47	179.0
443342		90	0.7	6.5	33	179.5
443343		73	0.6	10.4	47	128.0
443344		75	0.6	7.9	37	151.0
443345		166	2.3	12.0	47	176.5
443346		62	0.5	7.2	33	154.0
443347		77	0.5	6.5	26	189.0
443348		67	0.5	8.7	39	154.5
443349		62	0.5	7.2	32	153.0
443350		55	0.6	6.6	64	129.0
443351		68	0.6	11.3	46	191.0
443352		73	0.6	8.5	45	148.0
443353		60	0.3	19.9	134	110.5
443354		65	0.6	9.4	48	143.0
443355		54	0.5	8.8	36	130.0
443356		61	0.9	11.6	52	119.0
443357		73	1.6	8.8	81	132.0
443358		78	0.6	10.2	40	126.0
443359		62	0.2	5.3	79	74.3
443360		3	0.2	0.6	2	7.3
443361		66	0.7	9.3	74	136.5
443362		53	0.7	7.5	57	154.0
443363		42	0.6	8.0	57	111.0
443364		46	0.7	7.3	59	134.0
443365		70	0.5	9.3	36	156.5
443366		69	0.6	8.9	30	162.0
443367		592	1.0	8.8	33	223
443368		64	0.9	16.0	46	209
443369		199	1.0	21.6	65	206
443370		266	0.6	12.6	59	152.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5- SEPT- 2017
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO17167299

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

Applique à la Méthode: L'analyse des terres rares peut être partiellement soluble avec cette méthode.
ME- MS61

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Thunder Bay, 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

CERTIFICATE VO17190068

Project: KAN

P.O. No.: SOILKAN- 024

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 31- AUG- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190068

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	Au- ICP21 Au ppm 0.001	Au- ICP21 Au Check ppm 0.001	ME- MS61 Ag ppm 0.01	ME- MS61 Al % 0.01	ME- MS61 As ppm 0.2	ME- MS61 Ba ppm 10	ME- MS61 Be ppm 0.05	ME- MS61 Bi ppm 0.01	ME- MS61 Ca % 0.01	ME- MS61 Cd ppm 0.02	ME- MS61 Ce ppm 0.01	ME- MS61 Co ppm 0.1	ME- MS61 Cr ppm 1	ME- MS61 Cs ppm 0.05
458401		0.32	<0.001		0.03	6.63	22.8	560	0.88	0.08	1.12	0.08	41.5	7.7	52	1.61
458402		0.36	<0.001		0.03	5.73	2.9	610	0.77	0.09	0.93	0.04	49.1	3.9	45	0.81
458403		0.35	<0.001		0.04	6.50	2.1	640	0.96	0.07	0.99	0.05	41.3	4.2	51	1.18
458404		0.31	0.001		0.03	5.68	6.2	650	0.93	0.10	1.02	0.06	49.1	4.2	49	1.39
458405		0.31	<0.001		0.04	6.39	8.8	600	1.08	0.09	1.11	0.08	35.1	5.0	47	1.46
458406		0.39	0.003		0.03	6.67	55.6	510	1.04	0.10	1.58	0.06	36.1	28.8	434	1.57
458407		0.42	<0.001		0.10	6.30	6.5	670	1.03	0.09	1.39	0.08	38.6	5.7	43	1.33
458408		0.43	<0.001		0.04	6.73	44.6	670	1.29	0.09	1.44	0.06	40.8	23.1	59	1.87
458409		0.40	<0.001		0.08	6.63	35.3	570	0.95	0.11	1.38	0.06	42.6	11.9	154	1.86
458410		0.46	<0.001		0.03	6.57	5.3	610	1.13	0.13	1.24	0.06	34.4	8.1	46	1.50
458411		0.38	0.001		0.04	7.51	3.7	640	1.46	0.10	1.10	0.09	42.0	12.1	105	2.30
458412		0.39	<0.001		0.03	7.02	32.9	630	1.32	0.08	1.25	0.05	37.8	9.3	67	1.60
458413		0.42	<0.001		0.03	7.13	5.4	650	1.20	0.09	1.16	0.06	44.7	10.2	57	1.97
458414		0.38	<0.001		0.05	7.33	11.3	660	1.19	0.10	1.39	0.10	54.1	14.0	54	1.64
458415		0.07	<0.001		0.03	9.69	10.9	160	0.97	0.34	0.31	0.03	54.2	7.8	116	6.67
458416		0.46	0.001		0.02	6.60	25.8	460	1.05	0.08	1.70	0.06	30.6	23.5	97	1.44
458417		0.52	0.001		0.06	7.73	15.4	590	1.35	0.10	1.00	0.06	59.8	17.3	81	3.11
458418		0.27	0.002		0.36	6.41	101.5	160	0.65	0.08	0.54	0.33	19.65	21.7	105	0.48
458419		0.32	<0.001		0.06	7.29	111.5	460	1.23	0.13	1.24	0.08	39.8	16.4	83	3.69
458420		0.33	<0.001		0.18	7.26	3.4	620	1.17	0.07	1.07	0.05	35.2	7.4	53	2.10
458421		0.29	<0.001		0.08	6.61	50.9	210	0.43	0.07	4.16	0.15	27.3	31.2	149	1.03
458422		0.27	1.025	1.085	0.21	3.06	5.9	130	1.18	0.09	0.27	0.26	42.7	34.6	29	7.65
458423		0.29	<0.001		0.06	5.44	10.0	470	0.77	0.09	0.46	0.05	33.7	6.6	50	1.31
458424		0.25	<0.001		0.22	7.46	13.6	400	1.25	0.15	0.67	0.10	30.6	13.5	91	5.67
458425		0.29	<0.001		0.22	7.26	7.7	590	1.39	0.11	0.94	0.08	67.4	11.9	66	2.45
458426		0.32	<0.001		0.05	6.71	4.5	560	1.20	0.10	1.16	0.04	64.3	7.8	57	2.12
458427		0.34	0.005		0.06	7.40	31.9	730	1.18	0.13	0.41	0.10	82.6	11.3	68	5.47
458428		0.32	0.005		0.03	6.69	4.6	540	1.23	0.08	1.05	0.04	37.8	6.2	55	1.86
458429		0.32	<0.001		0.20	7.10	65.8	320	0.76	0.08	0.88	0.19	31.6	11.7	97	0.69
458430		0.07	<0.001		0.01	0.10	0.9	<10	0.07	0.01	0.01	<0.02	2.18	0.5	6	0.10
458431		0.14	<0.001		0.06	1.94	2.3	140	0.48	0.05	1.78	0.21	35.7	6.5	14	1.71
458432		0.38	<0.001		0.02	7.61	17.6	620	1.51	0.12	0.73	0.03	41.1	5.0	67	3.96
458433		0.33	0.001		0.11	8.00	2.2	520	1.21	0.27	0.59	0.08	83.6	3.6	68	3.64
458434		0.40	<0.001		0.08	7.40	29.8	320	0.68	0.08	2.15	0.11	28.4	16.4	90	0.96
458435		0.30	<0.001		0.08	6.96	212	370	0.89	0.10	1.27	0.09	43.4	38.1	110	1.58
458436		0.42	<0.001		0.14	6.80	36.0	540	1.46	0.14	1.61	0.27	128.0	22.9	65	4.03
458437		0.28	<0.001		0.05	6.80	9.0	530	1.22	0.24	1.06	0.10	40.3	7.4	63	2.91
458438		0.34	<0.001		0.06	6.63	6.8	660	1.37	0.09	1.75	0.07	60.8	8.7	55	1.43
458439		0.31	<0.001		0.08	6.75	5.7	650	1.26	0.12	1.19	0.05	36.4	6.1	47	1.74
458440		0.23	<0.001		0.06	6.73	3.6	680	1.17	0.12	1.17	0.04	34.5	4.4	43	1.66

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190068

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
458401		41.9	4.44	15.15	0.08	4.7	0.031	1.76	20.8	18.4	0.76	346	0.65	1.72	5.4	17.7
458402		23.1	3.36	17.25	0.07	5.2	0.027	1.86	25.5	6.5	0.47	225	0.41	1.62	6.2	10.1
458403		88.7	3.27	15.85	0.07	4.8	0.029	1.91	20.7	12.4	0.50	224	0.49	1.87	5.9	11.7
458404		24.8	3.54	20.5	0.08	6.1	0.028	2.02	25.2	5.8	0.50	248	0.60	1.67	6.8	11.0
458405		36.9	3.69	14.00	0.07	3.6	0.033	1.85	17.7	15.2	0.51	252	0.52	1.94	5.7	12.9
458406		79.7	6.46	19.65	0.07	3.4	0.057	1.55	16.7	40.6	1.50	603	0.63	1.77	6.4	83.3
458407		20.1	2.69	14.05	0.08	4.5	0.028	2.04	19.1	11.1	0.57	300	0.60	2.15	5.6	14.5
458408		93.8	3.32	14.05	0.08	4.2	0.030	2.09	17.9	16.9	0.88	390	0.33	2.17	6.1	38.3
458409		30.7	4.38	16.40	0.09	4.3	0.038	1.68	20.7	21.8	1.17	439	0.44	1.84	6.5	28.2
458410		15.6	4.34	15.55	0.09	3.2	0.032	1.86	17.1	16.9	0.73	351	0.43	2.03	6.5	17.2
458411		21.1	4.07	15.65	0.08	3.2	0.040	2.01	20.2	29.0	1.07	415	0.37	1.92	6.6	30.7
458412		27.5	3.72	14.85	0.10	3.3	0.036	1.96	18.8	21.5	0.90	344	0.38	2.06	6.4	22.0
458413		29.9	3.83	15.25	0.09	3.6	0.036	2.07	21.3	21.5	0.83	385	0.40	2.03	6.4	22.5
458414		44.2	3.63	14.55	0.14	3.8	0.037	2.03	23.5	17.3	0.91	465	0.34	2.20	6.6	26.6
458415		32.1	6.71	26.2	0.13	4.6	0.103	0.49	25.7	37.8	0.31	490	2.53	0.14	25.8	48.6
458416		107.0	6.70	15.75	0.11	4.2	0.044	1.42	14.6	20.5	1.39	647	0.49	1.60	6.8	29.0
458417		44.1	4.65	17.40	0.13	3.9	0.046	2.12	30.3	29.4	1.28	703	0.56	1.86	6.9	40.8
458418		152.5	7.62	20.6	0.10	2.0	0.071	0.47	8.7	17.2	1.18	739	1.10	2.47	5.5	48.0
458419		53.0	4.65	17.85	0.11	3.5	0.055	1.58	21.2	31.0	1.27	883	0.99	1.70	7.4	41.7
458420		26.7	3.17	15.55	0.12	3.0	0.039	2.09	18.4	17.2	0.73	327	0.75	2.16	6.0	21.1
458421		48.1	8.92	18.00	0.12	2.6	0.085	0.69	11.5	16.0	3.25	1160	0.70	1.17	4.8	118.0
458422		361	20.5	7.75	0.15	1.1	0.078	0.34	29.5	4.6	0.43	13450	0.58	0.27	2.2	11.1
458423		26.9	4.57	15.25	0.10	3.5	0.030	1.79	15.5	18.5	0.54	430	0.91	1.10	5.2	12.8
458424		60.9	7.82	18.75	0.13	2.8	0.061	2.06	15.0	24.1	1.05	1060	1.94	0.94	6.8	30.7
458425		33.2	4.12	15.95	0.16	4.3	0.038	2.28	39.0	22.9	0.90	714	0.88	1.71	7.8	27.7
458426		24.5	3.34	14.80	0.18	3.4	0.029	2.08	38.6	17.8	0.84	402	0.93	1.90	6.8	23.4
458427		44.9	7.53	17.95	0.17	5.1	0.035	4.14	42.2	28.4	0.77	736	0.72	0.49	4.7	26.3
458428		18.8	3.82	14.35	0.14	5.2	0.033	1.97	20.8	21.2	0.78	372	0.87	1.90	7.3	19.8
458429		35.0	6.12	21.0	0.12	3.9	0.056	0.97	16.2	19.1	1.23	829	0.66	1.78	6.7	30.8
458430		4.5	0.35	0.26	0.07	0.3	<0.005	0.01	1.1	16.0	<0.01	32	0.68	<0.01	1.0	3.0
458431		9.3	21.3	5.60	0.12	1.4	0.015	0.38	18.8	7.8	0.78	2160	0.98	0.04	1.7	13.3
458432		14.5	3.49	19.25	0.14	3.7	0.038	2.63	22.5	28.4	0.76	299	1.49	1.67	7.1	15.5
458433		98.4	3.54	21.6	0.15	4.8	0.041	1.97	51.4	20.7	0.48	274	1.10	1.30	8.2	11.8
458434		16.1	5.09	20.4	0.12	3.3	0.072	1.06	13.7	16.4	2.02	671	0.38	1.82	5.8	56.5
458435		142.5	6.06	15.95	0.12	3.3	0.058	1.32	17.4	27.9	1.97	1000	0.89	1.26	5.7	132.0
458436		159.0	5.85	14.05	0.21	3.9	0.043	1.81	79.2	42.7	0.97	640	5.73	1.42	6.6	44.6
458437		14.6	5.52	24.6	0.12	3.4	0.044	1.83	20.2	18.4	0.76	336	3.74	1.80	11.1	18.7
458438		68.5	3.65	14.10	0.15	5.5	0.031	1.99	39.7	14.6	0.66	588	0.58	2.47	6.4	21.6
458439		10.3	3.25	16.30	0.14	4.5	0.035	2.07	18.1	13.5	0.61	322	0.69	2.16	6.7	15.1
458440		6.6	2.53	16.45	0.13	5.2	0.029	2.16	17.8	10.9	0.52	294	0.59	2.19	6.9	11.1

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190068

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02
458401		350	13.8	60.5	<0.002	0.02	0.22	9.9	1	0.9	227	0.38	<0.05	5.98	0.273	0.41
458402		280	15.0	57.9	<0.002	0.02	0.20	7.5	1	1.1	224	0.45	<0.05	7.28	0.289	0.36
458403		260	17.0	58.2	<0.002	0.01	0.15	7.4	1	1.0	252	0.42	<0.05	5.88	0.252	0.36
458404		220	14.9	66.4	<0.002	0.01	0.25	7.8	1	1.2	236	0.47	0.07	7.90	0.321	0.47
458405		250	14.1	62.1	<0.002	0.02	0.22	7.2	1	0.9	258	0.45	<0.05	5.27	0.245	0.39
458406		160	14.2	58.2	<0.002	0.01	0.26	16.1	1	1.0	234	0.47	0.07	4.01	0.506	0.32
458407		390	13.6	66.6	<0.002	0.02	0.15	7.2	1	0.9	290	0.44	<0.05	4.78	0.235	0.40
458408		130	12.7	77.1	<0.002	0.01	0.23	9.7	1	0.9	290	0.54	<0.05	4.46	0.265	0.43
458409		180	13.7	59.8	<0.002	0.01	0.26	13.3	1	1.1	233	0.52	<0.05	5.28	0.306	0.45
458410		220	20.1	65.4	<0.002	0.01	0.22	8.7	1	0.9	264	0.51	0.05	4.56	0.277	0.37
458411		190	19.1	73.1	<0.002	0.01	0.24	11.8	1	1.0	248	0.56	<0.05	5.60	0.268	0.44
458412		200	14.3	68.9	<0.002	0.01	0.19	9.6	1	0.9	270	0.50	<0.05	4.71	0.260	0.43
458413		170	15.7	73.9	<0.002	0.01	0.24	9.3	1	1.0	265	0.51	<0.05	7.76	0.268	0.50
458414		200	14.9	74.4	<0.002	0.01	0.26	10.2	1	1.0	289	0.52	<0.05	8.14	0.269	0.46
458415		510	24.7	67.0	<0.002	0.05	0.69	15.4	4	4.0	51.7	1.75	0.06	17.00	1.035	0.37
458416		190	11.4	52.9	<0.002	0.01	0.25	14.3	1	1.1	215	0.55	0.08	3.39	0.480	0.34
458417		550	15.9	90.0	<0.002	0.01	0.24	16.2	1	1.0	192.0	0.55	0.05	8.87	0.350	0.56
458418		990	14.8	14.4	<0.002	0.04	0.53	23.6	1	0.9	100.0	0.37	<0.05	2.73	0.606	0.14
458419		130	12.7	65.9	<0.002	0.01	0.22	15.3	1	1.3	171.5	0.56	0.08	5.31	0.398	0.56
458420		440	16.4	81.4	<0.002	0.01	0.17	9.4	1	1.0	262	0.46	0.07	5.01	0.261	0.49
458421		580	8.8	25.3	<0.002	0.02	0.76	30.9	2	1.1	171.5	0.36	<0.05	3.03	0.505	0.22
458422		780	7.5	15.7	<0.002	0.06	0.46	7.8	5	0.8	40.2	0.18	0.20	3.50	0.097	0.08
458423		400	16.0	51.5	<0.002	0.02	0.30	6.2	1	0.9	113.5	0.37	0.07	6.15	0.246	0.36
458424		410	9.8	120.0	<0.002	0.01	0.42	14.4	1	1.3	83.9	0.56	0.08	6.35	0.341	0.64
458425		580	16.3	97.4	<0.002	0.01	0.24	12.2	1	1.0	192.0	0.66	0.06	9.70	0.311	0.54
458426		630	18.5	83.7	<0.002	0.01	0.23	11.0	1	0.9	214	0.57	<0.05	6.28	0.333	0.40
458427		400	31.5	109.0	<0.002	0.02	0.28	8.5	1	1.0	78.8	0.31	0.08	10.55	0.266	0.71
458428		170	13.9	79.1	<0.002	0.01	0.18	10.4	1	0.9	211	0.66	<0.05	6.06	0.372	0.43
458429		280	17.1	34.0	<0.002	0.02	0.20	24.9	1	1.3	138.0	0.49	0.06	5.43	0.503	0.23
458430		10	0.5	0.4	<0.002	<0.01	0.19	0.2	<1	0.5	0.6	0.07	<0.05	0.72	0.031	<0.02
458431		4220	27.0	21.5	<0.002	0.08	0.12	2.3	1	0.3	78.6	0.12	<0.05	5.22	0.062	0.28
458432		380	15.8	116.5	<0.002	0.02	0.20	10.5	1	1.2	184.5	0.55	<0.05	7.68	0.302	0.56
458433		700	73.3	86.0	<0.002	0.02	0.18	10.1	1	1.6	156.5	0.62	0.08	13.70	0.326	0.59
458434		260	9.7	38.2	<0.002	0.02	0.21	29.4	1	1.1	172.0	0.40	<0.05	3.90	0.544	0.31
458435		630	14.5	53.8	<0.002	0.04	0.32	21.9	1	1.0	150.0	0.42	0.09	5.72	0.405	0.38
458436		1460	40.2	83.8	0.005	0.10	0.40	14.5	3	0.9	166.0	0.51	0.08	14.05	0.295	0.56
458437		360	18.9	79.2	<0.002	0.03	0.50	9.5	1	1.6	219	0.75	0.05	6.52	0.454	0.45
458438		860	13.2	75.2	<0.002	0.01	0.20	9.5	1	0.9	334	0.57	<0.05	7.19	0.242	0.43
458439		260	21.3	76.0	<0.002	0.01	0.28	8.2	1	1.0	279	0.50	<0.05	5.42	0.264	0.45
458440		140	16.3	76.6	<0.002	0.01	0.22	8.0	1	1.1	283	0.54	<0.05	4.84	0.286	0.47

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190068

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
458401		1.1	85	0.5	7.3	39	177.0
458402		1.3	90	0.5	6.4	22	196.0
458403		1.2	64	0.5	6.5	25	180.5
458404		1.4	112	0.6	6.6	24	232
458405		1.2	63	0.4	6.4	26	132.0
458406		0.9	253	0.7	11.4	56	128.0
458407		1.2	55	0.4	7.2	28	165.5
458408		1.1	68	0.7	8.0	33	153.5
458409		1.3	98	0.6	9.2	46	159.0
458410		0.9	77	0.5	6.6	34	120.0
458411		1.1	73	0.5	7.9	45	117.0
458412		1.0	67	0.5	7.0	40	121.0
458413		1.2	68	0.5	7.6	42	127.0
458414		1.2	68	0.6	9.1	42	140.0
458415		3.0	159	2.1	13.2	46	185.5
458416		0.9	227	0.4	11.5	52	155.5
458417		1.4	112	0.7	12.1	66	146.5
458418		1.0	297	1.1	12.8	57	78.2
458419		1.3	122	1.0	12.2	55	133.0
458420		1.2	62	0.4	7.8	39	116.0
458421		0.8	225	0.7	17.3	64	94.6
458422		1.0	53	0.5	19.5	48	48.5
458423		1.1	69	0.5	5.0	32	134.0
458424		1.4	128	0.9	6.9	91	102.5
458425		1.8	75	0.7	10.5	56	161.5
458426		1.3	70	0.6	9.5	47	128.5
458427		1.4	95	0.5	10.6	66	195.5
458428		1.4	67	0.6	9.7	43	187.5
458429		1.2	215	1.2	15.4	72	148.5
458430		0.2	3	0.2	0.7	3	8.6
458431		2.9	27	0.2	6.5	45	56.5
458432		1.4	73	0.8	8.8	40	137.0
458433		4.9	69	1.0	8.0	34	177.0
458434		0.9	225	0.7	18.6	46	127.5
458435		1.1	150	0.8	14.8	78	120.5
458436		16.6	85	0.6	24.4	163	143.5
458437		1.6	138	0.8	8.2	49	130.0
458438		3.3	67	0.4	18.5	38	214
458439		1.3	66	0.6	7.3	35	173.0
458440		1.2	66	0.6	6.7	27	197.0

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ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 6- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190068

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 3- OCT- 2017
Account: MINVIR

CERTIFICATE VO17190079

Project: KAN

P.O. No.: SOILKAN- 025

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 31- AUG- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 3- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17190079

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458441		0.29	<0.001	0.07	6.65	6.8	620	1.16	0.19	1.03	0.13	35.8	5.2	64	3.15	13.4
458442		0.34	0.004	0.27	7.80	2.5	610	1.83	0.28	1.00	0.08	248	9.7	72	2.20	103.5
458443		0.29	<0.001	0.04	8.53	1.0	640	1.90	0.31	0.16	0.02	27.7	6.6	96	5.73	19.5
458444		0.28	0.434	0.14	2.42	1.9	240	0.45	0.13	0.36	0.12	52.8	3.4	26	0.39	13.2
458445		0.36	0.002	0.04	7.25	4.7	710	1.25	0.10	1.24	0.11	46.7	8.9	64	2.22	21.8
458446		0.25	<0.001	0.06	9.55	1.6	870	2.26	0.19	0.22	0.13	98.2	13.9	97	8.46	23.1
458447		0.28	0.003	0.12	5.55	11.7	530	1.16	0.13	1.97	0.35	62.0	17.6	64	2.29	55.4
458448		0.26	0.002	0.06	6.84	89.9	500	0.99	0.18	1.71	0.08	39.8	10.7	79	1.75	42.8
458449		0.27	0.001	0.08	6.94	6.9	640	1.37	0.19	1.42	0.11	54.6	9.6	54	1.75	54.9
458450		0.35	<0.001	0.06	6.64	4.6	640	1.15	0.11	1.38	0.09	39.9	5.8	41	1.18	10.3
458451		0.36	0.001	0.04	7.41	57.1	500	1.07	0.06	1.66	0.09	46.0	28.1	287	1.37	162.5
458452		0.25	0.003	0.04	5.24	9.0	370	0.75	0.25	0.63	0.19	31.1	31.6	73	1.39	170.5
458453		0.33	0.002	0.03	6.59	43.1	600	0.99	0.11	1.07	0.04	48.6	7.3	61	1.07	13.5
458454		0.31	0.001	0.01	8.53	80.9	50	0.77	0.06	1.15	0.13	7.55	62.7	631	0.54	77.0
458455		0.07	0.024	0.16	8.40	14.4	190	0.76	0.33	0.18	0.03	38.8	29.4	564	3.92	377
458456		0.38	0.007	0.04	6.59	122.5	650	0.98	0.09	1.34	0.08	49.7	7.2	51	1.44	18.4
458457		0.19	0.002	0.32	3.70	9.0	260	0.55	0.11	0.84	3.03	42.2	35.3	10	8.29	135.0
458458		0.30	0.003	0.03	6.60	55.5	630	1.12	0.12	1.29	0.07	36.2	12.5	56	1.79	18.8
458459		0.36	<0.001	0.03	7.20	24.9	610	1.29	0.16	0.99	0.07	31.7	9.8	78	2.11	27.3
458460		0.35	<0.001	0.03	6.49	83.3	710	1.01	0.10	1.51	0.07	47.9	7.0	87	3.08	15.0
458461		0.44	<0.001	0.12	5.88	37.0	560	1.22	0.14	2.27	0.87	45.6	13.0	68	3.12	186.0
458462		0.33	<0.001	0.05	6.76	9.1	590	1.27	0.12	1.00	0.11	47.0	9.1	73	2.26	15.0
458463		0.37	<0.001	0.04	7.18	2.6	700	1.22	0.10	1.34	0.06	48.6	7.8	51	1.98	11.8
458464		0.36	0.001	0.06	6.32	9.2	560	1.05	0.09	1.24	0.04	30.9	5.6	58	1.18	102.0
458465		0.26	0.001	0.04	5.70	30.0	510	1.03	0.13	1.31	0.10	33.4	11.8	46	1.96	43.0
458466		0.48	<0.001	0.04	6.63	37.8	620	1.33	0.26	1.41	0.07	29.5	14.4	49	2.05	15.1
458467		0.46	<0.001	0.03	6.58	6.9	680	1.22	0.11	1.32	0.07	30.2	6.3	41	2.03	5.4
458468		0.42	<0.001	0.03	6.76	2.0	720	1.32	0.09	1.40	0.07	30.3	4.8	33	1.28	6.7
458469		0.48	<0.001	0.07	6.58	5.0	650	1.33	0.11	1.40	0.06	49.1	15.6	50	1.56	23.2
458470		0.07	<0.001	0.01	0.10	0.6	<10	0.06	0.02	0.01	<0.02	2.36	0.5	6	0.09	5.1
458471		0.50	<0.001	0.04	7.16	2.7	740	1.48	0.09	1.50	0.06	46.4	8.0	51	1.62	19.7
458472		0.38	<0.001	0.03	6.46	13.3	570	1.36	0.17	1.23	0.06	39.2	11.4	90	1.53	66.2
458473		0.52	0.001	0.03	6.80	5.6	640	1.61	0.13	1.43	0.06	47.5	10.4	55	1.49	15.8
458474		0.46	<0.001	1.34	6.68	14.6	650	1.62	0.23	1.37	0.55	40.3	10.1	51	1.47	31.5
458475		0.56	<0.001	0.05	6.76	12.1	700	1.49	0.08	1.71	0.10	55.9	8.5	42	1.25	25.4
458476		0.60	0.001	0.06	6.60	2.9	670	1.48	0.10	1.77	0.08	52.7	12.0	48	1.73	32.1
458477		0.48	0.002	0.03	6.94	3.7	710	1.37	0.13	1.37	0.08	48.2	10.6	56	1.79	13.8
458478		0.39	0.001	0.02	7.27	4.7	630	1.54	0.13	1.20	0.05	44.0	11.1	55	1.57	25.5
458479		0.43	<0.001	0.05	7.17	5.6	690	1.53	0.11	1.27	0.12	50.1	8.4	53	1.64	28.1
458480		0.41	<0.001	0.03	7.45	17.3	670	1.66	0.14	1.20	0.13	62.0	15.5	63	1.93	23.1

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 3- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190079

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458441		3.35	21.5	0.07	6.6	0.031	2.17	16.5	10.9	0.55	288	1.75	1.92	8.8	16.5	210
458442		4.20	21.6	0.25	5.6	0.047	2.17	158.5	36.0	0.79	273	1.12	1.60	9.3	43.1	870
458443		6.15	23.6	0.10	7.5	0.047	2.92	15.1	49.4	0.68	129	1.13	0.91	8.8	19.6	330
458444		16.60	15.95	0.10	5.4	0.012	0.63	28.4	4.4	0.26	868	1.88	0.58	5.3	8.2	1690
458445		3.54	17.05	0.10	4.7	0.025	2.32	22.6	21.1	0.82	376	0.71	2.12	7.1	24.7	650
458446		4.18	26.2	0.16	7.2	0.057	4.18	53.4	87.9	0.98	211	1.16	0.80	11.9	28.0	230
458447		3.45	14.15	0.12	3.8	0.030	1.72	43.1	22.6	0.73	712	1.06	1.64	5.7	65.4	660
458448		5.27	18.05	0.09	3.7	0.038	1.62	17.0	24.7	1.11	454	1.28	1.73	7.6	29.7	310
458449		3.51	16.85	0.10	4.1	0.033	1.86	22.6	21.8	1.12	433	0.66	1.94	6.4	23.7	490
458450		2.87	14.80	0.08	3.8	0.029	1.95	17.7	12.3	0.54	309	0.68	2.35	5.7	14.2	520
458451		5.42	16.20	0.07	3.6	0.033	1.46	21.6	31.7	2.55	858	0.55	1.72	4.9	109.0	520
458452		14.60	24.2	0.10	3.2	0.153	1.36	14.7	18.0	1.45	1520	3.60	0.89	5.0	55.2	640
458453		4.42	18.25	0.09	5.9	0.031	1.84	23.0	18.4	0.77	352	0.65	1.82	7.0	17.5	350
458454		9.98	21.2	0.08	0.5	0.086	0.08	2.8	50.5	5.30	1330	0.37	1.09	2.2	155.5	230
458455		14.65	23.1	0.10	4.2	0.092	0.42	17.0	23.4	0.23	483	2.53	0.10	14.2	237	430
458456		3.25	17.20	0.09	5.6	0.030	1.91	24.2	18.3	0.73	311	0.45	2.12	6.6	16.1	160
458457		7.70	14.35	0.09	2.2	0.118	0.37	18.7	10.4	0.69	5380	1.17	0.81	6.7	9.5	2790
458458		3.75	15.95	0.08	4.3	0.033	2.02	15.2	20.2	0.86	534	0.49	2.05	6.6	21.4	170
458459		4.20	18.15	0.07	5.4	0.047	2.30	14.0	20.7	0.82	410	0.60	1.73	8.5	26.4	170
458460		3.34	17.30	0.08	5.8	0.033	2.13	22.9	15.4	0.75	333	0.44	2.00	6.8	16.4	170
458461		3.71	15.10	0.09	4.1	0.039	1.80	29.1	22.9	0.98	1090	1.15	1.46	6.9	38.2	880
458462		4.92	17.35	0.10	4.3	0.045	1.81	21.9	27.8	0.85	437	1.23	1.85	7.4	17.1	210
458463		3.29	16.25	0.10	4.2	0.031	2.18	20.9	17.5	0.77	367	0.41	2.25	6.9	18.1	520
458464		3.11	13.35	0.06	3.1	0.032	1.66	14.8	13.2	0.59	245	0.40	1.92	5.3	21.2	540
458465		5.68	14.95	0.08	4.0	0.036	1.57	15.8	14.1	0.93	507	0.68	1.64	6.2	18.6	330
458466		4.29	19.25	0.08	5.0	0.036	1.79	13.1	19.4	0.78	945	1.17	2.10	8.9	18.3	330
458467		2.85	16.35	0.08	3.9	0.023	2.08	14.0	10.3	0.56	340	0.59	2.42	6.2	13.3	130
458468		2.01	15.50	0.06	3.3	0.024	2.21	14.1	10.2	0.50	259	0.36	2.58	5.9	11.7	340
458469		3.69	16.00	0.07	4.2	0.034	1.85	23.7	25.2	0.72	853	0.51	2.08	6.5	20.2	510
458470		0.35	0.28	<0.05	0.3	<0.005	0.01	1.1	16.5	<0.01	32	0.72	<0.01	0.9	2.9	10
458471		2.86	16.55	0.07	4.7	0.028	2.27	22.1	16.5	0.77	342	0.36	2.39	6.6	20.5	620
458472		6.17	18.75	0.11	4.3	0.036	1.74	18.0	22.2	0.74	422	0.80	1.86	7.6	25.4	540
458473		3.99	16.80	0.09	6.2	0.035	1.93	22.5	22.8	0.75	377	0.52	2.29	7.4	22.0	250
458474		4.22	15.90	0.08	5.0	0.071	1.98	18.3	21.6	0.72	523	0.83	2.20	6.9	19.8	180
458475		2.74	15.30	0.10	4.9	0.024	2.14	23.9	12.1	0.62	424	0.40	2.60	6.2	18.8	750
458476		3.57	15.55	0.12	4.8	0.030	2.04	25.2	16.1	0.78	614	0.55	2.32	6.5	20.4	770
458477		3.40	17.30	0.08	4.2	0.027	2.18	22.4	20.7	0.83	425	0.54	2.23	7.3	23.4	410
458478		3.85	16.40	0.08	3.6	0.033	1.89	19.1	24.4	0.72	397	0.48	2.05	6.8	22.7	310
458479		3.03	17.25	0.08	4.5	0.027	2.02	27.2	19.2	0.70	318	0.39	2.12	6.5	17.5	290
458480		4.33	17.75	0.08	4.5	0.038	1.91	26.8	29.5	0.81	734	0.68	2.03	7.9	31.3	310

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 3- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190079

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458441		13.9	84.8	<0.002	0.03	0.47	8.9	1	1.8	236	0.64	0.05	5.89	0.385	0.51	1.8
458442		89.2	90.4	<0.002	0.05	0.17	10.9	2	1.5	227	0.63	<0.05	20.2	0.249	0.49	8.7
458443		34.3	146.5	<0.002	0.03	0.48	12.1	1	1.8	95.1	0.54	0.10	10.85	0.296	0.70	3.3
458444		29.5	19.0	<0.002	0.03	0.20	3.3	<1	0.9	84.1	0.38	<0.05	7.76	0.227	0.14	2.7
458445		15.3	91.6	<0.002	0.01	0.27	8.9	<1	1.1	268	0.51	<0.05	6.39	0.266	0.51	1.3
458446		31.0	202	<0.002	0.02	0.30	13.9	1	1.9	67.2	0.86	<0.05	15.85	0.360	0.91	2.6
458447		16.7	75.1	<0.002	0.08	0.27	8.1	1	0.9	253	0.40	<0.05	7.25	0.226	0.39	2.0
458448		16.9	61.1	<0.002	0.03	0.55	12.3	1	1.3	223	0.53	<0.05	7.13	0.324	0.40	1.4
458449		16.8	68.9	<0.002	0.02	0.20	8.1	1	1.0	260	0.48	0.27	7.93	0.265	0.42	1.3
458450		13.9	70.1	<0.002	0.01	0.17	6.7	1	0.9	310	0.42	<0.05	4.11	0.214	0.40	1.1
458451		10.7	53.9	<0.002	0.02	0.28	25.0	1	0.8	208	0.32	<0.05	6.36	0.330	0.37	1.1
458452		16.2	42.5	<0.002	0.04	0.49	17.0	4	1.6	108.5	0.31	0.28	3.73	0.294	0.30	1.7
458453		15.3	61.7	<0.002	0.02	0.21	8.6	1	1.1	247	0.47	0.23	6.97	0.293	0.40	1.3
458454		13.4	1.5	<0.002	0.02	0.13	70.9	1	0.9	61.7	0.11	<0.05	0.41	0.410	0.04	0.1
458455		20.2	42.3	<0.002	0.05	0.92	52.3	4	2.8	33.4	1.07	0.10	14.70	0.761	0.28	2.5
458456		16.0	63.4	<0.002	0.01	0.27	8.9	<1	1.1	282	0.43	<0.05	6.76	0.282	0.39	1.1
458457		20.0	46.3	0.002	0.18	0.25	25.1	3	1.3	55.1	0.41	0.11	3.28	0.609	0.35	0.9
458458		14.1	74.9	<0.002	0.01	0.33	8.6	<1	1.0	261	0.49	<0.05	4.79	0.280	0.39	1.0
458459		16.6	85.4	<0.002	0.01	0.26	10.4	1	1.4	205	0.58	<0.05	7.62	0.311	0.45	1.5
458460		14.8	82.5	<0.002	0.01	0.18	9.7	1	1.2	277	0.48	<0.05	6.77	0.286	0.46	1.1
458461		15.0	88.7	<0.002	0.06	0.59	12.6	2	1.1	192.5	0.48	<0.05	8.69	0.280	0.47	2.6
458462		18.0	67.5	<0.002	0.01	0.33	9.4	1	1.3	231	0.51	0.05	9.45	0.319	0.43	1.5
458463		13.6	84.7	<0.002	0.01	0.16	8.4	1	1.0	301	0.58	<0.05	5.93	0.255	0.45	1.2
458464		12.7	58.7	<0.002	0.04	0.19	7.5	1	0.8	255	0.41	<0.05	5.19	0.206	0.34	1.1
458465		14.3	62.2	<0.002	0.03	0.33	10.3	1	1.0	215	0.47	<0.05	4.54	0.300	0.35	1.0
458466		21.5	72.4	<0.002	0.01	0.28	9.2	1	1.3	298	0.75	0.10	4.08	0.368	0.38	1.3
458467		12.5	87.3	<0.002	0.01	0.20	7.2	1	0.9	313	0.47	<0.05	3.32	0.234	0.40	0.9
458468		13.8	84.2	<0.002	0.01	0.12	6.8	1	0.9	340	0.46	0.05	3.25	0.214	0.41	0.8
458469		14.7	70.0	<0.002	0.02	0.18	9.2	1	1.0	272	0.48	<0.05	6.40	0.252	0.46	1.3
458470		0.6	0.5	<0.002	<0.01	0.18	0.2	1	0.5	0.9	0.06	<0.05	0.72	0.030	<0.02	0.2
458471		13.4	87.5	<0.002	0.01	0.19	9.4	1	1.0	318	0.52	<0.05	5.43	0.249	0.43	1.1
458472		19.2	69.3	<0.002	0.03	0.30	9.1	1	1.0	247	0.54	<0.05	4.78	0.330	0.38	1.2
458473		15.5	75.5	<0.002	0.01	0.20	9.2	1	1.0	304	0.58	<0.05	6.43	0.275	0.47	1.3
458474		209	74.5	<0.002	0.08	2.02	8.6	1	1.2	295	0.53	<0.05	5.79	0.262	0.50	1.2
458475		13.3	81.9	<0.002	0.01	0.18	8.1	1	0.9	350	0.46	<0.05	6.64	0.218	0.40	1.2
458476		13.6	82.1	<0.002	0.02	0.18	10.8	1	1.0	314	0.48	<0.05	6.42	0.296	0.40	1.3
458477		15.5	84.6	<0.002	0.02	0.22	9.5	1	1.1	292	0.56	<0.05	6.05	0.277	0.43	1.3
458478		15.3	72.4	<0.002	0.02	0.21	9.1	1	1.0	267	0.51	<0.05	5.73	0.273	0.42	1.1
458479		15.2	72.2	<0.002	0.01	0.15	8.8	1	1.1	278	0.51	<0.05	5.31	0.283	0.51	1.4
458480		17.2	77.6	<0.002	0.01	0.29	10.0	1	1.1	275	0.61	<0.05	10.15	0.283	0.49	1.5

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CERTIFICATE OF ANALYSIS VO17190079

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
458441		108	1.0	7.9	38	238
458442		69	0.6	13.5	68	209
458443		74	1.2	12.1	58	265
458444		69	0.5	4.9	34	195.0
458445		67	0.6	8.9	59	163.0
458446		87	1.1	9.1	117	242
458447		60	0.4	10.2	56	139.5
458448		99	0.6	9.3	52	134.5
458449		58	0.8	8.7	40	138.5
458450		54	0.4	7.8	37	134.0
458451		152	0.4	13.1	74	130.5
458452		238	0.8	9.5	130	119.5
458453		78	0.6	8.0	38	211
458454		316	0.2	17.4	79	16.9
458455		231	1.7	10.2	44	162.5
458456		72	0.7	9.0	33	201
458457		109	0.4	42.7	185	81.1
458458		69	0.5	8.0	40	152.0
458459		79	0.9	7.9	47	197.0
458460		84	1.0	8.8	34	203
458461		75	0.7	18.8	125	144.0
458462		90	0.7	9.1	56	159.0
458463		61	0.5	9.2	38	144.0
458464		50	0.4	6.8	25	112.5
458465		93	0.6	7.7	54	137.0
458466		95	0.7	8.4	47	178.5
458467		65	0.7	6.4	27	144.5
458468		46	0.4	6.8	30	121.5
458469		70	0.7	10.1	49	151.0
458470		2	0.2	0.6	3	8.9
458471		61	0.5	9.7	41	163.5
458472		117	0.5	9.0	43	154.5
458473		70	0.5	9.9	39	218
458474		64	0.8	9.3	103	179.0
458475		54	0.4	11.4	36	176.0
458476		79	0.4	12.3	57	167.5
458477		69	0.6	8.8	46	151.5
458478		67	0.5	8.3	38	132.0
458479		65	0.5	9.6	37	164.5
458480		73	0.6	10.7	61	167.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 3- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190079

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

CERTIFICATE VO17190083

Project: KAN

P.O. No.: SOILKAN- 026

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 31- AUG- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190083

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458481		0.42	<0.001	0.05	6.50	3.0	690	1.12	0.11	1.49	0.10	44.8	8.3	46	1.80	13.7
458482		0.46	<0.001	0.02	6.37	4.2	630	1.08	0.13	1.29	0.06	34.5	8.1	47	1.77	8.3
458483		0.46	<0.001	0.05	6.92	3.4	680	1.31	0.11	1.29	0.10	42.5	7.9	48	2.23	14.0
458484		0.48	0.001	0.03	6.57	4.0	630	1.27	0.09	1.30	0.05	39.6	7.9	50	1.64	12.7
458485		0.52	<0.001	0.07	6.88	3.0	660	1.30	0.11	1.32	0.09	49.0	8.5	51	1.45	13.4
458486		0.50	<0.001	0.03	6.42	3.0	620	1.28	0.12	1.24	0.04	35.2	6.6	50	1.44	12.3
458487		0.64	0.002	0.04	6.58	7.0	630	1.27	0.11	1.22	0.05	45.8	6.7	53	1.58	24.2
458488		0.46	<0.001	0.06	6.72	19.2	570	1.48	0.16	1.24	0.11	62.5	17.6	62	1.79	28.1
458489		0.49	<0.001	0.04	5.19	10.1	470	0.93	0.15	1.12	0.07	39.2	5.8	45	1.35	31.4
458490		0.36	0.001	0.03	6.73	6.5	500	1.25	0.10	1.11	0.06	40.9	6.1	56	1.28	52.3
458491		0.48	<0.001	0.05	6.42	7.4	630	1.16	0.12	1.33	0.11	42.8	7.4	55	1.52	53.5
458492		0.31	<0.001	0.05	7.16	3.9	630	1.70	0.10	1.03	0.04	249	10.8	48	2.09	39.3
458493		0.16	0.007	0.06	6.91	48.0	460	1.74	0.17	0.07	0.20	149.0	72.5	374	2.78	214
458494		0.17	<0.001	0.05	2.65	2.4	140	1.50	0.04	1.72	0.19	38.5	7.0	24	5.53	58.5
458495		0.08	<0.001	0.04	9.17	10.5	150	0.89	0.33	0.30	0.05	51.1	7.4	114	6.47	31.5
458496		0.20	<0.001	0.04	6.31	12.9	600	1.92	0.10	1.11	0.11	90.4	16.4	39	1.73	31.5
458497		0.25	<0.001	0.05	2.96	10.6	70	0.39	0.21	10.75	0.14	16.85	7.7	26	0.13	8.6
458498		0.12	0.007	0.55	6.32	16.0	450	1.59	0.36	1.39	0.42	304	33.1	71	3.40	443
458499		0.28	<0.001	0.04	6.26	3.1	670	0.93	0.10	0.87	0.05	53.8	5.8	51	4.33	8.1
458500		0.17	0.004	0.04	7.27	4.6	720	1.41	0.17	0.79	0.04	49.8	6.2	69	3.07	6.1
458501		0.33	0.001	0.02	6.19	4.3	620	1.29	0.08	1.20	0.05	41.1	5.2	38	1.08	8.9
458502		0.38	0.001	0.04	6.30	2.4	640	1.16	0.08	1.09	0.09	45.6	4.8	44	0.99	18.0
458503		0.44	0.001	0.04	6.38	2.9	690	1.03	0.09	1.21	0.05	36.8	4.5	41	1.21	10.4
458504		0.37	0.001	0.10	6.27	7.0	600	1.13	0.09	1.39	0.13	40.1	7.9	43	1.73	67.9
458505		0.42	0.004	0.08	6.25	6.0	670	1.16	0.07	1.28	0.14	45.9	5.6	41	1.27	99.6
458506		0.29	<0.001	0.12	6.31	3.7	620	1.16	0.08	1.09	0.11	47.7	6.0	41	1.03	99.9
458507		0.38	<0.001	0.03	6.56	3.0	710	1.19	0.08	1.20	0.05	33.9	4.6	39	1.17	10.5
458508		0.48	<0.001	0.06	6.57	2.6	680	1.26	0.07	1.49	0.05	45.2	8.0	43	1.38	20.2
458509		0.25	<0.001	0.08	5.90	2.2	620	1.03	0.09	1.10	0.26	44.8	4.6	49	0.93	28.7
458510		0.07	<0.001	0.01	0.10	0.8	<10	0.08	0.01	0.01	<0.02	2.23	0.4	6	0.09	4.9
458511		0.35	<0.001	0.05	6.13	19.0	600	1.09	0.13	1.12	0.05	37.3	4.5	65	1.27	30.4
458512		0.30	0.006	0.69	4.32	19.8	430	1.24	0.58	0.19	0.04	34.9	1.9	61	5.52	71.3
458513		0.19	NSS	0.23	1.77	1.7	220	2.13	0.04	1.70	0.83	136.5	13.7	9	0.32	83.1
458514		0.41	0.001	0.16	6.62	5.9	690	1.61	0.12	1.40	0.19	70.2	10.6	52	3.67	103.0
458515		0.33	0.024	0.19	2.94	14.4	190	1.89	0.38	0.19	0.16	92.0	11.5	36	6.45	170.0
458516		0.29	0.003	0.35	3.97	27.5	280	1.06	0.59	0.11	0.07	40.2	4.5	53	6.61	103.5
458517		0.41	<0.001	0.04	6.31	4.4	580	0.80	0.12	1.72	0.07	38.8	5.8	91	1.18	19.4
458518		0.22	0.006	0.05	6.36	14.6	620	1.38	0.16	0.85	0.06	42.9	11.8	49	2.27	25.7
458519		0.14	0.004	0.08	5.66	27.2	140	0.32	0.06	1.64	0.14	19.85	35.1	4	18.40	96.9
458520		0.16	0.010	0.01	6.09	10.6	250	0.31	0.04	1.12	0.09	20.6	39.6	2	16.80	19.2

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190083

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458481		2.91	15.15	0.11	4.4	0.030	2.04	21.7	14.7	0.71	441	0.54	2.26	6.5	18.5	510
458482		4.04	16.60	0.11	3.3	0.028	1.92	17.3	15.9	0.70	383	0.52	2.19	6.7	14.9	170
458483		2.91	16.65	0.16	3.6	0.032	2.15	19.9	16.2	0.71	345	0.47	2.22	6.6	18.6	400
458484		3.02	15.65	0.15	3.6	0.032	2.04	19.8	19.9	0.77	365	0.41	2.07	6.4	18.3	420
458485		3.33	16.10	0.18	3.8	0.034	1.96	22.7	24.1	0.73	360	0.41	2.16	6.6	18.9	320
458486		3.28	17.35	0.16	4.0	0.030	1.92	16.5	19.4	0.71	310	0.39	2.08	6.9	16.3	160
458487		3.30	17.85	0.18	4.5	0.033	2.00	23.1	18.7	0.72	304	0.58	1.97	8.0	16.9	150
458488		5.31	16.85	0.16	3.6	0.047	1.71	25.5	33.1	0.73	661	0.84	1.85	7.9	30.9	320
458489		6.19	17.10	0.15	4.8	0.028	1.48	20.3	10.3	0.53	491	1.31	1.70	7.1	13.3	190
458490		3.95	14.70	0.16	3.7	0.034	1.57	20.5	16.1	0.57	250	0.50	1.64	6.4	14.6	280
458491		3.37	16.70	0.16	4.3	0.031	1.98	21.5	17.2	0.72	352	0.57	2.01	7.2	16.7	160
458492		3.11	17.90	0.33	4.5	0.030	2.22	130.0	24.0	0.63	285	0.55	2.00	9.1	40.3	460
458493		13.20	17.80	0.20	4.6	0.078	2.40	40.9	38.6	1.06	1560	2.25	0.42	8.8	391	1190
458494		11.20	7.00	0.11	2.0	0.112	0.52	25.4	14.1	3.16	3330	0.24	0.08	4.1	19.5	390
458495		6.42	26.2	0.12	4.5	0.098	0.47	23.5	38.7	0.31	479	2.33	0.13	24.1	44.8	500
458496		2.86	15.00	0.21	3.8	0.030	1.88	54.7	23.9	0.74	875	0.46	2.06	6.5	22.7	350
458497		2.42	10.30	0.08	1.4	0.076	0.19	4.8	2.0	12.40	803	0.07	0.22	2.9	9.1	140
458498		5.36	15.75	0.39	3.7	0.052	1.66	235	31.5	0.64	513	1.16	1.06	6.1	263	1420
458499		3.66	17.50	0.17	4.7	0.029	2.19	27.7	18.6	0.65	288	0.64	1.68	7.9	15.3	240
458500		2.72	22.4	0.17	5.1	0.048	2.78	26.5	24.0	0.80	231	0.95	1.44	10.1	19.5	230
458501		3.08	14.20	0.18	3.8	0.028	1.93	19.6	12.4	0.51	275	0.46	2.17	5.6	11.9	220
458502		2.60	14.30	0.15	4.1	0.027	1.98	23.3	10.4	0.49	269	1.13	2.08	5.2	16.5	260
458503		2.63	15.80	0.17	4.9	0.028	2.13	19.0	7.6	0.52	258	0.61	2.11	5.9	11.2	230
458504		3.38	14.15	0.17	4.2	0.029	1.84	20.4	10.6	0.69	374	0.65	1.93	5.3	17.0	420
458505		2.30	13.95	0.17	4.5	0.024	2.00	23.6	7.0	0.52	255	0.39	2.04	4.9	14.3	360
458506		2.39	15.25	0.17	4.6	0.026	1.81	25.0	6.0	0.50	211	0.39	1.82	5.5	15.8	280
458507		2.63	14.90	0.17	3.9	0.025	2.25	16.9	10.4	0.50	262	0.38	2.34	5.6	11.3	140
458508		2.75	13.60	0.19	3.5	0.028	2.11	22.4	11.9	0.64	398	0.47	2.34	5.4	16.4	830
458509		2.83	16.15	0.19	5.1	0.026	1.82	23.2	6.8	0.50	271	0.55	1.83	6.1	15.0	160
458510		0.34	0.31	0.10	0.3	<0.005	0.01	1.1	14.8	<0.01	31	0.71	<0.01	0.9	3.1	10
458511		4.31	16.65	0.15	4.3	0.030	1.87	18.3	9.9	0.54	261	0.84	1.86	6.5	11.7	190
458512		15.35	12.70	0.15	2.1	0.092	2.66	25.3	16.0	1.60	1520	2.81	0.33	9.0	5.6	570
458513		1.57	2.91	0.23	0.8	0.012	0.39	73.9	1.5	0.17	657	0.31	0.36	0.9	73.6	1000
458514		3.33	14.75	0.20	3.8	0.031	2.05	46.4	19.1	1.02	1000	0.54	2.01	5.1	37.5	650
458515		15.70	6.97	0.15	0.9	0.040	0.42	44.1	4.8	1.59	1120	1.88	0.06	3.8	32.5	1050
458516		16.55	11.70	0.13	2.1	0.053	1.23	17.5	7.8	1.66	1000	1.74	0.37	8.3	16.5	420
458517		3.83	18.10	0.13	4.2	0.029	1.82	19.7	8.0	0.74	310	0.70	1.68	6.2	16.3	300
458518		5.73	16.65	0.13	4.3	0.037	1.67	20.6	24.7	0.97	1200	0.94	1.63	7.8	16.9	240
458519		14.00	21.3	0.12	1.8	0.121	0.72	7.4	21.6	1.52	1380	0.87	0.47	6.6	12.4	330
458520		13.95	19.05	0.11	2.4	0.075	0.63	7.8	25.6	1.45	1370	0.74	0.70	5.9	7.9	270

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QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190083

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458481		14.1	79.7	<0.002	0.02	0.17	8.1	1	0.9	303	0.46	<0.05	4.55	0.264	0.41	1.2
458482		16.0	74.2	<0.002	0.01	0.19	7.8	1	1.0	284	0.51	<0.05	3.93	0.277	0.37	1.0
458483		13.7	87.1	<0.002	0.01	0.20	8.5	1	1.0	288	0.50	<0.05	5.24	0.280	0.44	1.1
458484		12.5	76.5	<0.002	0.01	0.16	8.3	1	1.0	268	0.49	<0.05	4.51	0.260	0.40	1.1
458485		14.7	72.4	<0.002	0.01	0.17	8.4	1	1.0	282	0.51	<0.05	5.17	0.270	0.39	1.4
458486		13.1	71.6	<0.002	0.01	0.18	8.4	1	1.1	272	0.58	<0.05	3.84	0.295	0.39	1.2
458487		13.5	75.0	<0.002	0.01	0.23	9.3	1	1.2	253	0.60	<0.05	5.17	0.311	0.45	1.3
458488		21.3	64.0	<0.002	0.02	0.40	9.5	1	1.1	236	0.57	0.05	7.81	0.307	0.42	1.6
458489		15.3	57.1	<0.002	0.01	0.72	7.3	1	1.1	223	0.48	0.07	4.54	0.299	0.31	1.3
458490		15.1	58.5	<0.002	0.03	0.16	8.8	1	0.9	209	0.46	<0.05	5.89	0.274	0.32	1.2
458491		13.4	74.4	<0.002	0.01	0.23	9.7	1	1.1	252	0.50	<0.05	4.61	0.312	0.42	1.2
458492		18.5	91.7	<0.002	0.02	0.17	8.9	1	1.1	250	0.66	<0.05	8.22	0.278	0.42	2.1
458493		8.7	104.0	<0.002	0.02	0.61	23.1	2	1.3	39.6	0.55	0.11	17.20	0.449	0.45	1.8
458494		13.5	37.1	<0.002	0.05	0.25	4.7	1	0.7	36.5	0.26	0.14	5.20	0.117	0.41	0.9
458495		22.7	62.7	<0.002	0.05	0.65	14.2	3	4.0	49.4	1.61	0.05	16.25	1.010	0.33	2.7
458496		22.4	72.9	0.002	0.02	0.32	7.7	1	0.9	231	0.48	0.05	5.94	0.276	0.32	2.1
458497		15.3	6.0	<0.002	<0.01	0.24	4.6	1	5.4	31.0	0.21	<0.05	3.14	0.117	0.05	1.2
458498		106.0	77.2	<0.002	0.09	0.31	9.5	4	1.0	192.5	0.42	0.06	35.3	0.230	0.42	19.0
458499		16.0	110.5	<0.002	0.01	0.18	8.0	1	1.2	214	0.54	<0.05	6.63	0.300	0.49	1.6
458500		21.0	118.0	<0.002	0.02	0.19	11.3	1	1.6	193.5	0.75	<0.05	9.15	0.409	0.60	1.9
458501		13.4	68.2	<0.002	0.01	0.20	6.9	1	0.8	286	0.48	<0.05	5.18	0.219	0.35	1.0
458502		16.8	65.2	0.002	0.02	0.16	7.7	1	0.8	276	0.36	<0.05	5.45	0.219	0.38	1.2
458503		13.9	72.4	<0.002	0.01	0.18	8.3	1	1.0	282	0.43	<0.05	4.39	0.261	0.42	1.1
458504		13.9	65.7	<0.002	0.02	0.19	9.9	1	0.8	255	0.39	0.05	4.76	0.252	0.38	1.3
458505		12.9	66.6	<0.002	0.02	0.11	9.6	1	0.8	272	0.34	0.05	6.07	0.214	0.46	1.4
458506		14.0	57.1	<0.002	0.02	0.15	8.7	1	1.0	239	0.39	<0.05	6.09	0.264	0.33	1.6
458507		13.4	77.4	<0.002	0.01	0.15	7.4	1	0.8	307	0.41	<0.05	3.74	0.226	0.39	0.9
458508		12.0	72.8	<0.002	0.02	0.13	8.1	1	0.7	313	0.41	<0.05	5.10	0.217	0.40	1.2
458509		15.0	57.9	<0.002	0.01	0.15	8.6	1	1.0	243	0.61	0.05	6.01	0.257	0.36	1.4
458510		0.7	0.5	<0.002	<0.01	0.17	0.2	1	0.5	1.1	0.05	<0.05	0.64	0.030	<0.02	0.1
458511		14.7	62.6	<0.002	0.01	0.34	8.7	1	1.0	246	0.47	0.06	5.07	0.284	0.38	1.2
458512		64.7	121.0	0.003	1.83	0.77	10.0	5	1.4	18.0	0.65	0.70	11.50	0.278	1.06	2.4
458513		5.1	12.3	<0.002	0.24	0.23	3.5	3	0.2	82.4	0.08	<0.05	4.17	0.033	0.19	1.7
458514		12.8	84.2	<0.002	0.03	0.18	9.1	1	0.9	243	0.40	0.06	7.48	0.235	0.41	2.1
458515		15.9	30.9	0.002	0.30	0.87	5.6	4	0.8	9.1	0.29	0.36	11.00	0.098	0.19	3.7
458516		42.2	89.9	<0.002	0.62	0.74	8.7	3	1.6	21.0	0.64	0.53	12.55	0.228	0.67	3.1
458517		12.9	62.2	<0.002	0.02	0.24	12.2	1	1.1	229	0.42	0.05	5.17	0.318	0.34	1.1
458518		19.7	64.6	<0.002	0.02	0.20	9.4	1	1.1	169.5	0.55	0.15	6.89	0.317	0.29	1.8
458519		5.8	111.5	<0.002	0.02	0.33	56.6	2	1.8	44.8	0.38	0.09	1.33	1.170	0.43	0.4
458520		5.1	74.7	<0.002	0.01	0.23	50.0	2	1.4	38.1	0.37	<0.05	1.20	0.993	0.42	0.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190083

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
458481		60	0.4	9.7	44	166.0
458482		72	0.4	6.9	34	126.0
458483		61	0.5	8.4	39	140.5
458484		58	0.5	8.1	40	139.5
458485		63	0.4	9.3	42	151.0
458486		72	0.5	7.2	34	162.0
458487		78	0.5	8.1	35	181.0
458488		85	0.6	11.2	64	141.0
458489		91	0.5	8.1	33	198.5
458490		69	0.4	8.2	25	145.0
458491		86	0.5	8.6	35	173.0
458492		60	0.5	16.0	64	181.5
458493		165	0.7	15.8	150	199.0
458494		56	0.2	14.3	64	84.9
458495		156	2.1	12.8	46	179.5
458496		50	0.5	16.7	57	145.0
458497		26	1.5	25.0	25	57.1
458498		53	0.5	25.9	74	137.5
458499		69	0.6	7.1	32	188.0
458500		80	0.7	8.5	46	201
458501		50	0.4	7.7	28	151.5
458502		52	0.4	8.4	27	170.0
458503		66	0.5	6.7	22	201
458504		69	0.4	7.9	29	176.0
458505		55	0.4	8.7	20	186.0
458506		51	0.5	7.9	18	182.5
458507		52	0.4	6.3	23	159.5
458508		47	0.3	11.1	35	139.0
458509		66	0.5	8.5	23	207
458510		2	0.1	0.6	3	8.3
458511		79	0.6	7.0	22	173.0
458512		78	0.9	13.2	69	87.5
458513		6	0.1	63.3	29	30.2
458514		51	0.5	20.9	55	152.0
458515		47	0.4	31.5	71	37.7
458516		62	1.1	10.2	72	84.8
458517		111	0.6	7.1	24	170.0
458518		69	0.8	11.2	39	178.0
458519		470	0.5	30.8	109	79.0
458520		244	0.4	33.1	121	105.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190083

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method:	NSS is non- sufficient sample. ALL METHODS
Applies to Method:	REE's may not be totally soluble in this method. ME- MS61

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada LOG- 22	LOG- 23	SCR- 41	WEI- 21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au- ICP21	ME- MS61		

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
Account: MINVIR

CERTIFICATE VO17190084

Project: KAN

P.O. No.: SOILKAN- 027

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 31- AUG- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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BUREAU 200
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Finalized Date: 4- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190084

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458521		0.19	0.013	0.03	6.70	10.3	560	1.13	0.26	0.86	0.08	46.9	8.1	63	2.34	19.0
458522		0.21	0.007	0.05	7.44	10.7	640	1.73	0.15	0.79	0.08	66.6	9.9	64	2.92	20.6
458523		0.29	0.021	0.02	7.07	5.4	620	1.66	0.10	1.32	0.06	45.7	7.3	57	1.85	26.7
458524		0.20	0.001	0.05	6.50	14.4	620	1.14	0.14	1.39	0.09	45.5	13.5	51	1.61	35.1
458525		0.18	0.012	0.07	7.07	3.5	620	1.24	0.11	1.10	0.14	33.8	7.8	51	1.73	15.0
458526		0.15	0.003	0.06	6.01	54.5	500	0.92	0.15	1.12	0.25	32.8	19.5	55	3.97	65.5
458527		0.18	0.006	0.21	6.52	15.9	630	1.14	0.09	1.42	0.47	29.2	12.1	46	1.32	143.5
458528		0.17	<0.001	0.08	6.97	6.7	690	1.30	0.11	1.38	0.12	38.8	13.0	52	1.99	14.0
458529		0.20	0.001	0.07	6.97	5.8	730	1.66	0.13	1.47	0.10	62.5	10.7	50	2.26	28.7
458530		0.17	0.003	0.01	6.66	10.0	630	1.23	0.10	1.43	0.05	35.0	9.5	60	1.53	28.3
458531		0.19	<0.001	0.04	7.14	1.5	680	1.39	0.16	0.93	0.06	55.2	6.5	66	2.01	11.0
458532		0.20	<0.001	0.02	6.76	4.6	580	1.26	0.10	0.92	0.04	37.2	6.3	57	2.17	18.9
458533		0.16	0.003	0.05	9.72	1.5	630	2.67	0.36	0.05	0.07	67.2	8.2	93	4.49	30.6
458534		0.18	0.001	0.06	8.14	3.4	640	1.98	0.19	0.14	0.10	125.0	28.2	75	5.37	63.6
458535		0.07	0.023	0.16	8.52	14.4	190	0.88	0.32	0.19	<0.02	40.2	32.0	576	4.01	381
458536		0.21	0.005	0.07	6.99	8.5	580	1.63	0.29	0.63	0.05	52.5	12.7	58	2.96	44.7
458537		0.16	0.010	0.06	9.15	14.7	750	2.65	0.27	0.09	0.04	21.4	6.5	96	5.83	26.5
458538		0.14	0.010	0.05	6.54	8.6	640	1.40	0.13	1.40	0.11	37.5	9.0	55	1.93	37.2
458539		0.17	0.001	0.03	6.35	4.6	570	1.03	0.13	1.51	0.08	33.6	8.9	61	2.20	17.9
458540		0.11	0.005	0.07	5.89	29.8	470	0.96	0.13	1.97	0.19	34.3	10.1	56	1.87	27.1
458541		0.14	0.001	0.37	7.11	8.1	620	1.55	0.30	1.05	0.23	64.4	31.6	72	4.90	129.0
458542		0.20	0.003	0.07	6.56	4.9	600	1.07	0.12	1.01	0.07	47.3	8.9	60	3.02	19.5
458543		0.14	0.001	0.05	7.33	3.2	750	1.34	0.09	1.23	0.05	68.3	9.6	63	2.33	19.8
458544		0.15	0.002	0.07	5.42	0.8	240	0.41	0.10	4.36	0.08	29.0	16.7	134	0.57	85.1
458545		0.13	0.004	0.14	6.59	1.5	200	0.31	0.10	5.02	0.21	24.8	16.1	286	0.47	95.8
458546		0.10	0.014	0.05	6.63	9.9	70	0.58	0.04	1.81	0.12	23.4	23.9	131	0.70	95.9
458547		0.24	0.026	1.80	3.21	26.3	190	0.78	0.40	0.12	0.06	48.2	2.0	59	2.70	93.9
458548		0.38	0.008	0.32	6.33	10.5	560	1.20	0.18	0.67	0.23	54.2	24.9	60	4.18	49.2
458549		0.24	0.004	0.28	5.28	8.5	420	0.92	0.20	0.42	0.20	43.3	13.6	65	4.14	42.7
458550		0.07	0.002	0.01	0.10	0.9	<10	<0.05	0.01	0.01	<0.02	2.55	0.4	5	0.10	4.5
458551		0.20	<0.001	0.01	6.31	5.3	800	1.03	0.08	1.04	0.03	41.0	2.8	35	2.63	9.7
458552		0.15	0.001	0.03	6.76	6.0	680	1.08	0.07	1.31	0.04	56.4	7.4	57	1.62	31.9
458553		0.15	0.004	0.03	5.54	4.2	540	0.90	0.09	1.10	0.12	38.2	5.6	45	1.33	27.6
458554		0.16	<0.001	0.05	6.21	4.0	610	0.73	0.10	1.16	0.08	50.9	5.6	45	0.67	29.8
458555		0.17	0.001	0.04	7.26	9.5	610	1.28	0.10	0.91	0.04	53.2	9.5	82	2.93	53.6
458556		0.15	0.004	0.11	4.99	21.6	430	1.00	0.07	0.72	0.36	39.4	39.3	65	1.06	286
458557		0.18	<0.001	0.07	5.88	109.5	570	0.77	0.11	1.32	0.07	54.4	6.8	96	0.75	55.2
458558		0.14	0.002	0.43	5.54	5.7	310	1.04	0.11	0.94	0.18	110.5	18.8	64	2.08	347
458559		0.15	0.003	0.08	6.02	2.1	600	0.75	0.10	1.23	0.07	45.1	5.5	48	0.73	61.7
458560		0.21	<0.001	0.03	6.92	7.7	680	1.12	0.09	1.33	0.07	49.6	8.7	68	2.12	29.0

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QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190084

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458521		6.02	20.3	0.10	5.0	0.041	1.82	24.7	30.1	0.76	287	1.36	1.70	9.0	27.4	300
458522		3.93	20.9	0.10	4.7	0.033	2.29	36.2	35.6	0.79	306	0.89	1.66	8.8	25.7	380
458523		3.81	16.50	0.07	4.1	0.025	1.93	22.9	25.2	1.02	321	0.61	1.96	6.4	19.7	210
458524		4.64	20.8	0.07	4.7	0.033	1.96	17.3	16.0	0.85	580	1.14	2.05	7.5	23.1	370
458525		3.61	16.05	0.08	2.9	0.032	1.88	15.6	19.3	0.61	295	0.62	1.97	6.1	19.4	370
458526		8.78	22.2	0.10	5.4	0.046	1.54	14.5	18.3	0.78	3530	1.21	1.74	7.3	31.3	380
458527		3.28	15.80	0.07	3.9	0.029	1.93	13.9	14.4	0.81	382	0.49	2.21	5.4	22.5	150
458528		4.16	17.85	0.06	4.3	0.035	2.12	17.7	21.0	0.77	459	0.85	2.19	7.1	20.4	350
458529		3.14	16.25	0.10	3.9	0.026	2.33	37.8	22.3	0.89	613	0.45	2.20	6.3	24.2	670
458530		4.09	16.30	0.07	4.8	0.031	1.96	16.8	19.9	0.83	344	0.53	2.13	7.2	22.0	160
458531		3.48	22.6	0.10	6.3	0.044	2.33	32.5	16.6	0.73	249	1.28	1.49	11.3	18.6	310
458532		4.17	16.75	0.08	4.0	0.027	1.89	18.3	20.8	0.65	240	0.91	1.74	6.8	17.5	170
458533		6.06	25.7	0.11	6.1	0.065	3.03	44.3	38.6	0.69	148	1.08	0.79	7.8	25.2	340
458534		5.54	20.5	0.14	4.1	0.043	3.07	59.2	63.9	0.62	382	1.71	1.01	9.5	40.3	240
458535		14.90	22.9	0.10	4.2	0.095	0.42	17.9	23.5	0.23	489	2.59	0.10	14.1	238	430
458536		4.00	16.25	0.09	5.5	0.038	2.38	23.8	32.8	0.77	371	0.78	1.46	12.1	35.2	730
458537		4.71	26.9	0.07	8.8	0.073	3.38	11.2	35.4	0.69	170	1.27	1.11	16.0	21.0	200
458538		3.56	15.70	0.08	4.9	0.032	2.01	17.8	18.6	0.76	406	1.39	2.19	7.1	20.7	270
458539		5.14	19.55	0.07	4.9	0.043	1.84	16.3	13.4	0.89	390	1.04	1.77	7.7	20.7	240
458540		4.42	19.35	0.09	4.7	0.054	1.40	16.3	13.0	0.96	371	0.85	1.62	7.9	18.2	260
458541		4.55	20.6	0.10	4.8	0.046	1.89	34.7	44.9	0.75	489	1.01	1.55	9.8	43.5	340
458542		3.81	15.65	0.14	4.1	0.031	2.07	22.6	24.9	0.80	372	0.99	1.72	7.0	22.1	550
458543		3.55	17.10	0.17	4.2	0.037	2.38	35.1	23.8	0.94	542	0.59	2.13	7.6	27.8	630
458544		5.61	18.80	0.10	3.0	0.059	0.68	14.2	3.6	2.28	746	0.48	1.29	6.1	42.0	620
458545		7.04	21.3	0.10	2.2	0.073	0.56	11.9	6.0	1.87	775	0.65	0.95	5.5	46.8	1240
458546		10.50	17.35	0.09	1.2	0.073	0.20	10.5	20.6	1.30	1110	0.83	1.61	5.3	47.7	570
458547		21.2	12.70	0.12	2.1	0.044	1.29	25.5	6.8	0.31	858	11.65	0.23	5.2	18.7	1020
458548		9.73	14.55	0.12	3.6	0.043	2.33	22.9	17.5	0.68	3860	4.25	1.50	6.4	27.8	610
458549		9.70	13.35	0.11	2.5	0.036	1.87	20.9	15.1	0.57	1790	5.41	0.94	6.0	20.1	410
458550		0.36	0.26	<0.05	0.3	<0.005	0.01	1.2	12.7	<0.01	35	0.60	<0.01	0.9	2.7	10
458551		1.37	17.00	0.12	5.7	0.021	2.57	20.9	6.4	0.37	164	0.63	2.09	7.4	9.0	140
458552		3.20	16.45	0.15	4.8	0.032	2.14	28.5	17.2	0.83	294	0.72	2.06	6.5	20.3	700
458553		3.04	14.50	0.12	3.7	0.029	1.66	19.2	11.9	0.51	292	0.81	1.71	6.6	13.3	420
458554		2.95	19.80	0.14	5.6	0.032	1.77	25.3	9.7	0.63	287	0.38	1.79	6.7	12.4	140
458555		5.48	18.95	0.14	3.9	0.044	2.05	26.8	29.2	1.14	349	0.99	1.52	8.9	30.6	830
458556		3.42	8.22	0.12	3.6	0.029	2.58	17.6	25.6	0.42	1150	0.33	0.39	2.6	29.5	1270
458557		3.59	18.05	0.13	5.9	0.033	1.72	25.8	8.2	0.66	295	0.44	1.60	6.8	16.9	330
458558		6.08	11.40	0.15	1.8	0.057	0.72	58.7	9.5	0.53	731	0.66	0.64	4.3	45.6	4970
458559		3.54	17.35	0.12	5.5	0.031	1.76	22.5	6.3	0.60	305	0.47	1.74	6.3	15.8	460
458560		4.43	17.90	0.14	4.7	0.039	2.19	25.1	18.5	0.99	374	1.03	1.94	7.4	24.9	730

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190084

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458521		24.4	70.8	<0.002	0.03	0.41	9.2	1	1.3	206	0.61	0.06	6.79	0.337	0.41	1.6
458522		21.6	106.0	<0.002	0.01	0.18	10.6	1	1.3	203	0.63	<0.05	8.56	0.296	0.53	1.8
458523		17.5	72.0	<0.002	0.02	0.25	8.4	1	1.1	249	0.47	<0.05	7.23	0.261	0.44	1.3
458524		17.0	77.3	<0.002	0.02	0.38	10.2	1	1.1	271	0.53	0.05	4.76	0.349	0.44	1.2
458525		15.1	76.2	<0.002	0.02	0.21	7.9	1	0.9	253	0.47	<0.05	4.92	0.240	0.47	1.1
458526		18.4	68.6	<0.002	0.03	4.85	13.4	1	1.1	180.0	0.51	0.05	5.28	0.383	0.44	1.2
458527		12.3	72.3	<0.002	0.01	0.20	10.7	1	0.8	289	0.41	<0.05	3.50	0.261	0.37	1.2
458528		18.5	84.2	<0.002	0.01	0.20	8.6	1	1.0	285	0.54	<0.05	4.48	0.275	0.41	1.1
458529		18.6	100.0	<0.002	0.01	0.22	8.9	1	1.0	286	0.50	<0.05	8.79	0.233	0.43	2.1
458530		14.5	74.9	<0.002	0.01	0.22	10.1	<1	1.0	270	0.54	<0.05	4.21	0.300	0.40	1.0
458531		25.9	90.8	<0.002	0.02	0.20	10.6	1	1.6	207	0.85	<0.05	9.00	0.405	0.53	2.3
458532		16.7	76.4	<0.002	0.01	0.24	8.3	1	1.0	207	0.51	<0.05	6.38	0.276	0.42	1.3
458533		34.2	173.5	<0.002	0.03	0.28	14.5	1	1.8	149.5	0.55	0.19	18.65	0.181	0.74	2.9
458534		40.6	148.5	<0.002	0.01	0.38	10.3	1	1.4	78.8	0.64	0.18	13.80	0.301	0.77	4.2
458535		21.0	44.4	<0.002	0.05	0.90	53.5	3	2.8	32.9	1.13	0.15	14.95	0.780	0.25	2.6
458536		30.8	110.5	<0.002	0.01	0.21	9.5	1	1.0	137.5	1.02	0.07	11.55	0.437	0.48	1.9
458537		9.6	172.5	<0.002	0.01	0.30	14.3	1	2.2	102.0	1.06	0.16	10.75	0.441	0.83	2.6
458538		14.7	80.4	<0.002	0.02	0.40	9.0	1	1.0	282	0.52	0.06	4.59	0.271	0.45	1.3
458539		15.5	74.8	<0.002	0.02	0.29	11.8	1	1.2	218	0.57	0.05	4.36	0.407	0.42	1.2
458540		16.4	52.9	<0.002	0.02	0.24	15.6	1	1.3	194.0	0.57	<0.05	4.46	0.530	0.34	1.3
458541		80.1	88.4	<0.002	0.02	0.24	9.7	1	1.5	199.5	0.69	0.09	9.47	0.353	0.54	1.9
458542		20.0	90.6	<0.002	0.01	0.22	8.1	1	0.9	187.0	1.04	<0.05	7.48	0.300	0.45	1.5
458543		15.6	95.6	<0.002	0.01	0.25	9.9	1	1.1	282	0.52	<0.05	8.20	0.283	0.48	1.6
458544		10.8	22.3	<0.002	0.02	0.32	31.4	1	1.2	141.5	0.40	<0.05	3.87	0.644	0.14	0.9
458545		7.8	18.1	<0.002	0.04	0.29	39.7	1	1.0	152.5	0.34	0.05	2.64	0.579	0.11	0.7
458546		8.3	7.9	<0.002	0.05	0.25	36.4	1	0.8	82.1	0.34	0.07	2.80	0.723	0.11	0.6
458547		56.5	49.9	<0.002	0.15	2.44	7.3	4	1.3	29.1	0.35	1.08	5.09	0.184	0.81	2.5
458548		36.0	96.3	<0.002	0.10	0.44	8.6	2	0.9	193.0	0.45	0.23	6.93	0.243	0.58	3.5
458549		23.4	78.0	<0.002	0.04	0.51	7.5	2	0.9	115.5	0.44	0.14	7.65	0.238	0.64	2.8
458550		0.5	0.5	<0.002	<0.01	0.17	0.2	<1	0.5	0.9	<0.05	<0.05	0.70	0.031	<0.02	0.1
458551		15.1	94.8	<0.002	0.01	0.19	6.3	1	1.2	278	0.48	<0.05	5.85	0.296	0.47	1.1
458552		14.1	77.7	<0.002	0.02	0.17	8.9	1	1.0	279	0.44	<0.05	6.66	0.267	0.45	1.2
458553		12.2	58.5	<0.002	0.05	0.25	8.0	1	1.0	210	0.42	<0.05	3.94	0.305	0.38	1.1
458554		16.9	55.5	<0.002	0.01	0.14	9.2	1	1.3	245	0.45	0.05	6.56	0.323	0.33	1.2
458555		12.8	85.7	<0.002	0.03	0.48	12.7	1	1.5	165.5	0.60	<0.05	8.29	0.366	0.51	2.2
458556		13.7	47.0	<0.002	0.07	0.48	6.7	2	0.5	58.0	0.19	<0.05	4.79	0.134	0.26	2.7
458557		13.9	55.8	<0.002	0.02	0.24	10.4	1	1.2	223	0.48	0.05	7.15	0.312	0.33	1.4
458558		15.5	29.6	<0.002	0.09	0.31	21.0	3	0.8	77.6	0.31	0.05	10.45	0.232	0.41	3.2
458559		14.3	55.4	<0.002	0.03	0.19	9.7	1	1.1	236	0.41	<0.05	5.80	0.290	0.32	1.2
458560		14.6	80.6	<0.002	0.02	0.23	10.0	1	1.2	261	0.50	<0.05	6.34	0.297	0.43	1.2

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190084

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
458521		91	0.8	8.1	51	185.5
458522		73	0.7	9.5	52	177.5
458523		67	0.5	7.8	42	152.0
458524		127	0.6	8.4	59	171.0
458525		57	0.4	7.0	40	106.5
458526		123	0.6	9.3	77	197.5
458527		89	0.4	8.0	36	142.0
458528		71	0.5	8.2	46	149.0
458529		55	0.6	13.5	55	141.0
458530		84	0.5	7.7	36	173.0
458531		86	0.8	8.0	42	226
458532		77	0.6	6.5	32	144.5
458533		72	0.7	10.5	62	220
458534		70	1.3	10.2	67	147.0
458535		237	2.1	10.1	45	153.0
458536		60	0.7	10.9	73	201
458537		89	1.8	12.3	55	307
458538		77	0.5	8.5	48	176.5
458539		131	0.6	8.6	43	177.5
458540		167	0.7	10.8	50	166.5
458541		77	0.7	8.8	137	170.5
458542		74	0.5	8.3	61	144.5
458543		65	0.6	13.0	49	164.5
458544		247	0.6	13.6	54	112.0
458545		283	0.5	15.8	60	82.4
458546		322	0.4	18.4	65	38.5
458547		152	1.3	4.9	79	82.9
458548		85	0.6	6.8	184	134.5
458549		92	0.7	5.0	92	94.4
458550		3	0.2	0.6	3	7.7
458551		59	0.5	6.1	14	220
458552		67	0.4	10.8	39	177.0
458553		78	0.5	8.6	31	144.0
458554		94	0.5	8.5	26	205
458555		97	1.0	13.9	55	146.0
458556		47	0.3	9.4	52	138.5
458557		100	0.5	8.2	30	224
458558		78	0.4	20.0	26	75.1
458559		93	0.5	7.7	27	209
458560		79	1.4	10.3	47	176.5

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 4- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17190084

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17192498

Project: KAN

P.O. No.: SOILKAN- 032

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 7- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17192498

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458721		0.37	0.002	0.16	6.89	5.9	650	1.56	0.10	1.12	0.64	60.8	11.3	58	3.85	30.8
458722		0.25	0.002	0.06	6.81	7.3	630	1.47	0.11	1.02	0.42	60.3	12.1	60	2.82	37.3
458723		0.20	0.001	0.07	6.75	8.0	670	1.38	0.09	1.17	0.21	48.2	11.6	61	2.74	36.3
458724		0.13	0.001	0.16	6.21	9.2	570	1.25	0.11	1.35	0.24	51.9	16.8	59	3.42	107.0
458725		0.17	0.003	0.55	5.76	26.1	540	1.16	0.15	0.74	0.76	51.7	7.8	63	4.32	70.8
458726		0.18	0.003	0.64	6.09	9.6	550	1.03	0.11	0.81	0.67	42.2	4.8	70	3.25	68.1
458727		0.14	0.012	0.55	6.19	27.7	520	1.11	0.12	0.72	0.55	53.3	12.7	63	3.03	61.7
458728		0.27	0.001	0.18	6.32	8.1	560	1.28	0.11	1.11	0.38	51.6	10.5	63	3.78	41.4
458729		0.20	<0.001	0.21	6.43	3.8	520	1.40	0.16	0.71	0.18	50.6	9.8	70	7.30	36.1
458730		0.19	<0.001	0.05	6.80	7.6	650	1.21	0.19	1.45	0.12	69.1	14.2	66	3.14	15.4
458731		0.20	<0.001	0.02	3.36	263	60	0.33	0.11	0.07	0.06	51.2	41.9	1080	0.63	16.4
458732		0.24	<0.001	0.13	5.84	3.2	460	0.85	0.25	0.42	0.06	49.9	3.2	71	1.73	24.5
458733		0.22	<0.001	0.07	5.86	6.4	540	1.08	0.10	1.19	0.09	59.7	7.9	71	1.63	10.0
458734		0.24	<0.001	0.07	7.22	4.4	750	1.33	0.10	1.60	0.11	76.6	9.7	55	2.15	23.6
458735		Not Recvd														
458736		0.27	0.004	0.08	6.96	5.5	700	1.25	0.10	1.61	0.14	70.3	9.6	51	1.37	24.9
458737		0.13	<0.001	0.05	6.40	4.1	690	1.04	0.09	1.32	0.06	34.3	4.9	48	1.30	4.4
458738		0.22	<0.001	0.04	6.84	4.9	680	1.31	0.12	1.91	0.10	48.8	12.2	66	1.49	13.3
458739		0.12	<0.001	0.04	6.36	3.0	660	1.17	0.07	1.42	0.07	41.0	5.2	41	1.18	15.1
458740		0.32	0.004	0.03	7.00	1.1	750	1.20	0.09	1.60	0.06	42.1	4.8	43	1.34	8.2
458741		0.30	0.003	0.06	6.60	2.0	660	1.16	0.11	1.35	0.08	40.9	5.6	47	1.34	10.7
458742		0.21	<0.001	0.06	6.42	4.1	630	1.32	0.12	1.26	0.13	44.0	9.4	53	1.62	11.1
458743		0.24	0.003	0.03	6.79	2.1	670	1.36	0.10	1.48	0.06	59.1	9.3	49	1.46	15.0
458744		0.25	<0.001	0.02	7.16	2.3	670	1.35	0.12	1.35	0.07	49.0	8.9	52	1.67	11.1
458745		0.21	0.001	0.04	6.24	6.0	630	1.03	0.15	1.11	0.07	43.0	5.8	50	1.68	9.7
458746		0.34	<0.001	0.12	6.98	4.1	710	1.39	0.10	1.64	0.14	63.3	8.4	49	1.25	13.4
458747		0.32	0.002	0.03	6.77	1.6	700	1.43	0.10	1.40	0.07	59.0	6.5	48	1.34	38.0
458748		0.25	0.001	0.04	7.18	4.0	640	1.32	0.12	1.54	0.06	58.2	8.4	63	1.43	32.2
458749		0.34	0.001	0.02	6.67	0.7	730	1.20	0.08	1.65	0.03	34.4	4.7	39	1.08	3.6
458750		0.07	<0.001	0.01	0.11	0.6	<10	0.06	0.02	0.01	<0.02	2.19	0.4	5	0.10	3.8
458751		0.28	0.001	0.15	6.72	3.4	570	1.63	0.19	0.87	0.18	57.5	12.2	68	5.37	26.7
458752		0.26	0.003	0.15	5.93	5.1	460	1.55	0.19	0.74	0.40	69.1	19.2	65	4.81	32.5
458753		0.26	<0.001	0.11	6.74	2.4	530	1.50	0.19	0.70	0.13	61.0	11.5	68	5.71	23.5
458754		0.26	<0.001	0.32	5.77	0.8	380	2.02	0.10	0.36	0.15	54.6	11.5	73	13.90	21.6
458755		0.27	0.001	0.05	0.81	0.8	50	0.28	0.05	0.72	0.18	12.95	2.0	14	0.26	8.1
458756		0.35	0.001	0.04	0.36	1.7	20	1.70	0.02	5.76	0.08	23.1	4.5	6	0.08	2.6
458757		0.37	<0.001	0.09	0.45	1.7	50	0.28	0.03	0.23	0.57	12.70	3.7	6	0.22	7.0
458758		0.35	0.001	0.12	6.14	8.0	550	1.78	0.13	1.10	0.19	69.7	13.9	65	2.68	25.9
458759		0.25	0.003	0.18	1.86	5.8	150	1.30	0.10	1.05	0.42	25.0	10.2	34	0.72	29.5
458760		0.34	0.005	0.09	2.82	6.4	220	1.36	0.14	0.63	0.14	41.3	11.4	49	1.15	22.9

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17192498

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458721		5.97	14.60	0.15	4.4	0.043	2.39	33.0	24.9	0.71	2710	3.23	1.94	7.1	31.5	550
458722		5.79	14.90	0.14	4.3	0.044	2.18	31.9	21.3	0.64	2020	3.27	1.95	7.2	23.9	390
458723		5.70	14.60	0.14	4.2	0.050	2.38	22.5	21.4	0.79	1530	2.04	1.95	7.0	28.7	440
458724		5.92	13.45	0.13	3.5	0.049	1.99	29.4	19.7	0.74	2440	1.92	1.64	6.1	53.1	1160
458725		9.87	14.85	0.12	4.2	0.055	2.07	26.7	11.8	0.55	1330	6.25	1.26	6.7	32.1	1460
458726		7.11	15.55	0.11	4.2	0.055	2.26	21.4	12.3	0.51	497	6.66	1.28	6.8	22.0	660
458727		10.05	14.10	0.10	3.5	0.088	2.14	24.9	15.8	0.69	1650	6.42	1.41	6.0	43.0	460
458728		6.88	14.05	0.12	3.4	0.044	2.25	27.4	22.4	0.84	2130	2.76	1.61	6.8	33.3	860
458729		7.63	14.25	0.14	3.4	0.042	2.13	28.8	27.6	0.78	3860	2.24	1.34	7.0	29.8	880
458730		5.40	18.80	0.14	4.9	0.052	2.15	31.0	19.2	1.05	840	1.62	2.14	10.0	23.8	380
458731		9.31	10.55	0.08	3.6	0.043	0.24	23.5	19.9	1.93	1080	0.94	0.09	10.0	228	290
458732		3.73	18.20	0.10	6.6	0.037	1.72	28.0	6.1	0.42	122	4.13	1.02	6.7	17.6	280
458733		2.81	13.10	0.13	3.3	0.029	1.85	35.2	10.7	0.64	377	0.64	2.00	5.7	21.4	540
458734		3.45	15.00	0.19	5.0	0.041	2.54	48.0	15.4	0.83	447	0.59	2.39	7.6	28.3	890
458735																
458736		3.78	14.25	0.17	5.5	0.037	2.17	33.6	14.3	0.82	774	0.60	2.50	7.2	20.0	640
458737		3.36	16.75	0.13	4.7	0.027	2.19	15.0	8.4	0.59	305	0.55	2.33	7.1	14.2	230
458738		4.10	15.15	0.16	5.1	0.032	2.13	20.9	18.9	1.04	562	0.71	2.60	8.7	34.4	820
458739		2.23	12.45	0.14	3.5	0.023	2.07	18.6	8.5	0.53	283	0.57	2.40	5.1	15.3	620
458740		1.62	15.75	0.13	7.2	0.031	2.40	19.6	8.6	0.61	272	0.36	2.71	7.6	13.8	500
458741		2.74	15.15	0.14	4.7	0.035	2.08	19.8	10.4	0.57	313	0.59	2.36	8.6	14.4	310
458742		3.68	15.50	0.12	5.2	0.032	2.12	19.3	20.6	0.69	513	1.24	2.08	6.6	20.1	340
458743		3.30	14.55	0.13	3.5	0.030	1.99	28.5	15.0	0.78	402	0.44	2.37	5.8	20.2	380
458744		3.11	15.70	0.12	3.4	0.033	2.04	22.6	18.0	0.74	386	0.51	2.30	6.9	22.5	240
458745		3.74	17.10	0.12	3.7	0.036	1.96	20.2	12.6	0.61	318	1.10	1.91	7.1	14.8	260
458746		3.07	14.95	0.13	4.1	0.030	2.11	27.3	13.5	0.70	448	0.65	2.53	6.9	20.5	710
458747		2.53	15.30	0.15	4.1	0.031	2.06	30.2	13.4	0.66	289	0.49	2.27	6.7	18.7	620
458748		3.67	15.65	0.13	4.7	0.034	2.02	24.6	15.2	0.79	411	0.52	2.40	7.7	24.3	190
458749		2.08	14.15	0.12	4.1	0.024	2.19	15.9	8.1	0.61	274	0.27	2.63	5.7	12.4	560
458750		0.32	0.25	0.07	0.2	<0.005	0.01	1.0	14.2	<0.01	30	0.63	0.01	0.9	2.7	10
458751		6.48	15.55	0.12	3.0	0.038	2.55	30.6	32.2	0.87	2600	1.05	1.22	6.5	30.0	520
458752		7.70	13.90	0.12	3.1	0.035	2.33	34.3	33.0	0.84	4570	1.35	1.05	6.7	39.4	460
458753		6.40	16.30	0.12	3.0	0.038	2.58	30.5	37.5	0.80	2560	1.14	1.20	6.9	25.4	390
458754		11.70	15.60	0.12	2.2	0.036	1.80	30.0	30.9	0.86	9400	0.87	0.75	6.8	21.3	760
458755		8.85	3.13	0.08	0.7	0.012	0.18	6.3	1.7	0.22	2300	0.32	0.12	2.7	12.7	620
458756		30.7	1.71	0.10	0.2	0.009	0.04	14.3	9.1	2.47	7950	0.73	0.03	4.6	6.1	370
458757		6.37	2.22	0.07	0.3	0.010	0.13	6.1	2.0	0.12	1610	0.91	0.11	1.2	6.1	210
458758		9.35	15.30	0.11	3.2	0.037	2.27	36.2	25.8	0.91	3510	1.20	1.34	11.0	31.1	750
458759		16.05	5.73	0.10	1.2	0.023	0.48	14.2	6.5	0.40	10250	0.60	0.28	4.8	27.2	1270
458760		15.35	8.01	0.11	1.8	0.029	0.91	22.1	10.8	0.55	9400	1.67	0.53	6.3	29.0	770

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17192498

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458721		19.2	92.3	<0.002	0.02	0.12	9.2	1	1.1	252	0.52	0.08	8.62	0.262	0.47	3.2
458722		20.9	81.9	<0.002	0.02	0.15	9.1	1	1.1	247	0.53	0.06	8.25	0.259	0.51	2.8
458723		17.0	93.6	<0.002	0.02	0.19	9.4	1	1.1	251	0.51	0.07	6.50	0.270	0.48	1.6
458724		21.6	84.3	<0.002	0.05	0.10	11.4	1	0.9	215	0.45	0.09	6.90	0.238	0.46	2.2
458725		44.6	84.5	<0.002	0.06	0.41	9.1	2	1.1	162.0	0.48	0.20	7.49	0.269	0.60	3.5
458726		21.6	87.9	<0.002	0.02	0.26	11.9	1	1.3	166.0	0.48	0.19	5.78	0.275	0.74	2.8
458727		23.2	73.9	<0.002	0.06	0.67	10.0	2	1.1	179.0	0.41	0.20	8.94	0.236	0.80	4.8
458728		18.4	94.9	<0.002	0.03	0.16	9.4	2	1.1	209	0.49	0.17	7.69	0.250	0.49	2.8
458729		29.4	113.5	<0.002	0.04	0.07	9.3	1	1.1	164.0	0.51	0.09	8.18	0.260	0.42	2.7
458730		25.8	88.4	<0.002	0.01	0.17	10.2	<1	1.6	276	0.72	<0.05	11.10	0.454	0.47	1.6
458731		20.6	11.8	<0.002	0.02	0.08	14.1	<1	0.6	11.5	0.67	0.05	3.56	0.884	0.06	0.9
458732		21.3	63.0	<0.002	0.02	0.23	7.9	<1	1.7	109.0	0.43	0.06	8.12	0.326	0.48	1.9
458733		13.2	70.5	<0.002	0.04	<0.05	7.0	<1	0.9	250	0.50	<0.05	5.78	0.244	0.35	1.3
458734		17.7	94.4	<0.002	0.01	0.11	9.0	<1	1.1	309	0.57	<0.05	8.32	0.287	0.45	1.6
458735																
458736		15.3	76.0	<0.002	0.01	<0.05	8.2	<1	1.0	325	0.52	<0.05	7.20	0.254	0.38	1.4
458737		14.8	74.4	<0.002	0.01	<0.05	6.8	<1	1.1	305	0.51	<0.05	3.95	0.297	0.38	0.9
458738		17.4	76.1	<0.002	0.01	<0.05	8.3	<1	1.0	346	0.62	<0.05	5.20	0.326	0.36	1.1
458739		12.5	70.8	<0.002	0.02	<0.05	6.4	<1	0.8	306	0.40	<0.05	4.49	0.195	0.37	1.0
458740		14.9	83.2	<0.002	0.02	0.05	8.0	<1	1.2	349	0.59	<0.05	6.76	0.282	0.40	1.2
458741		14.1	74.5	<0.002	0.02	<0.05	8.1	<1	1.1	300	1.76	<0.05	4.67	0.274	0.33	1.8
458742		17.3	80.2	<0.002	0.01	0.22	7.4	<1	1.0	276	0.50	<0.05	4.66	0.280	0.35	1.2
458743		12.1	74.4	<0.002	<0.01	0.15	8.4	<1	0.8	309	0.47	<0.05	6.79	0.262	0.36	1.1
458744		13.9	77.9	<0.002	0.01	0.17	8.1	<1	0.9	300	0.53	<0.05	6.14	0.266	0.38	1.0
458745		13.1	72.1	<0.002	0.02	0.30	8.0	1	1.2	248	0.53	<0.05	5.11	0.324	0.43	1.3
458746		14.5	77.2	<0.002	0.01	0.20	7.9	1	0.9	337	0.54	<0.05	5.95	0.280	0.38	1.2
458747		13.6	79.4	<0.002	0.02	0.15	8.3	<1	1.0	300	0.49	<0.05	6.02	0.263	0.39	1.3
458748		17.2	76.4	<0.002	0.01	0.18	9.6	1	1.1	320	0.58	<0.05	7.90	0.308	0.39	1.4
458749		12.0	76.7	<0.002	0.01	0.06	6.6	<1	0.8	350	0.43	<0.05	3.42	0.234	0.36	0.8
458750		0.5	0.5	<0.002	<0.01	0.16	0.2	<1	0.5	1.0	0.05	<0.05	0.66	0.029	<0.02	0.1
458751		23.1	115.5	<0.002	0.04	0.22	9.0	1	1.0	158.0	0.49	0.11	8.33	0.268	0.47	1.8
458752		33.8	109.0	<0.002	0.04	0.24	9.1	1	0.9	131.0	0.51	0.13	9.29	0.288	0.46	2.1
458753		18.6	125.0	<0.002	0.02	0.17	8.9	1	1.0	145.5	0.52	0.07	9.51	0.281	0.42	1.9
458754		9.9	143.0	<0.002	0.03	0.10	9.1	1	1.0	69.6	0.50	<0.05	8.67	0.245	0.38	1.7
458755		3.2	6.5	<0.002	0.03	0.07	1.7	1	0.3	27.6	0.17	<0.05	1.19	0.084	0.04	0.4
458756		4.2	1.6	<0.002	0.02	0.08	0.7	1	<0.2	136.5	0.34	0.05	0.68	0.010	0.02	1.5
458757		14.4	4.8	<0.002	0.02	0.09	0.8	1	<0.2	17.4	0.05	0.06	0.46	0.021	0.07	1.3
458758		14.0	95.3	<0.002	0.01	0.23	8.7	<1	0.9	187.0	0.66	0.13	8.55	0.296	0.40	1.5
458759		7.0	22.2	<0.002	0.08	0.12	4.5	1	0.4	49.4	0.30	0.10	2.42	0.115	0.09	0.9
458760		8.6	39.1	<0.002	0.04	0.14	5.1	1	0.6	74.8	0.42	0.15	4.21	0.192	0.15	1.1

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CERTIFICATE OF ANALYSIS VO17192498

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458721		74	0.7	11.7	153	155.5
458722		81	0.7	11.0	101	149.5
458723		82	0.7	9.1	128	147.0
458724		78	0.6	13.5	123	123.0
458725		95	0.8	7.9	127	153.5
458726		119	0.8	7.6	77	154.0
458727		105	0.6	7.9	253	129.0
458728		88	0.7	10.2	164	124.5
458729		84	0.8	8.9	88	120.5
458730		123	0.7	10.5	88	178.0
458731		161	0.2	4.9	73	132.5
458732		100	1.1	6.6	21	240
458733		60	0.4	9.0	34	114.5
458734		64	0.5	15.0	66	175.0
458735						
458736		65	0.5	13.1	43	194.0
458737		73	0.5	6.4	32	167.5
458738		75	0.5	10.5	49	183.5
458739		46	0.4	8.3	28	123.5
458740		46	1.2	9.3	27	258
458741		73	0.5	9.3	25	170.0
458742		64	0.6	7.8	57	217
458743		61	2.3	10.9	40	142.0
458744		59	0.5	8.8	35	133.0
458745		82	0.6	7.3	36	152.5
458746		62	0.4	11.4	65	164.5
458747		52	0.4	10.8	34	166.0
458748		71	0.5	11.8	39	192.0
458749		48	0.2	7.3	26	175.5
458750		2	0.1	0.6	3	8.2
458751		72	0.8	10.3	75	120.5
458752		78	0.7	9.5	99	127.0
458753		74	0.8	6.7	74	121.5
458754		68	1.0	5.3	42	92.0
458755		46	0.2	3.2	15	28.8
458756		22	0.3	17.6	13	10.7
458757		20	0.1	5.6	28	12.9
458758		79	1.1	12.6	67	123.5
458759		61	0.7	12.7	24	52.4
458760		77	1.1	12.7	27	79.1

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Finalized Date: 10- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17192498

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

CERTIFICATE VO17193286

Project: KAN

P.O. No.: SOILKAN- 033

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 7- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17193286

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458761		0.19	0.003	0.07	4.70	2.6	320	1.96	0.12	0.73	0.40	47.0	15.4	97	5.17	18.3
458762		0.32	<0.001	0.16	0.15	15.6	20	0.51	0.02	0.15	0.12	15.70	3.3	7	0.08	2.4
458763		0.33	<0.001	0.02	0.35	1.5	30	0.57	0.02	0.36	0.14	15.50	4.2	15	0.11	5.6
458764		0.31	<0.001	0.04	1.44	4.0	120	1.07	0.04	0.50	0.17	32.5	11.1	28	0.55	11.2
458765		0.35	0.002	0.05	8.01	2.4	540	2.10	0.22	0.16	0.20	74.0	17.2	90	7.84	36.0
458766		0.40	<0.001	0.03	0.92	6.1	50	2.58	0.06	0.63	0.12	37.4	7.6	18	0.22	6.6
458767		0.37	<0.001	0.01	0.46	34.2	20	0.53	0.07	0.03	0.05	15.75	8.4	14	0.12	10.9
458768		0.31	<0.001	0.04	0.30	6.5	30	0.45	0.02	1.90	0.17	18.75	2.2	6	0.29	3.6
458769		0.29	0.007	0.11	1.11	2.7	40	0.92	0.07	0.92	0.54	22.4	12.0	41	0.43	22.0
458770		0.32	0.003	0.08	8.20	1.0	630	1.96	0.24	0.39	0.16	72.3	8.9	83	9.91	22.2
458771		0.21	0.004	0.19	6.76	1.1	410	1.85	0.17	0.29	0.21	51.7	41.0	71	6.14	62.3
458772		0.27	0.010	0.18	8.65	0.9	450	1.75	0.23	0.32	0.14	59.7	7.0	98	15.15	25.7
458773		0.36	0.003	0.12	3.45	9.3	230	1.22	0.11	2.25	0.21	45.7	10.8	40	3.43	21.3
458774		0.39	0.001	0.07	7.53	4.4	610	1.68	0.25	0.51	0.22	75.6	24.4	67	5.60	55.5
458775		0.07	0.020	0.14	8.16	13.9	180	0.82	0.32	0.17	0.03	39.3	29.4	526	3.91	371
458776		0.25	0.005	0.06	6.80	1.3	470	1.66	0.64	0.13	0.31	68.7	14.5	69	8.44	36.0
458777		0.20	0.001	0.36	6.09	14.0	450	1.50	0.24	0.29	0.14	53.4	6.5	70	6.65	34.1
458778		0.31	<0.001	0.17	6.93	4.0	650	1.81	0.10	0.42	1.29	101.5	16.4	57	3.19	18.3
458779		0.20	0.002	0.03	1.77	2.3	120	0.38	0.22	0.28	0.31	23.6	10.5	30	0.97	19.7
458780		0.34	<0.001	0.16	6.82	1.3	590	1.27	0.16	1.04	0.09	60.3	8.3	58	2.98	13.0
458781		0.32	<0.001	0.21	7.73	2.3	610	1.43	0.19	0.50	0.09	68.3	8.4	70	6.44	27.3
458782		0.35	0.004	0.10	7.65	2.9	620	1.71	0.18	0.56	0.14	67.6	16.6	67	6.10	43.1
458783		0.42	0.006	0.10	2.55	5.5	170	0.90	0.10	3.58	0.19	28.4	8.9	32	2.50	15.4
458784		0.30	<0.001	0.15	6.25	5.1	500	1.31	0.16	0.81	0.30	59.0	15.4	60	4.82	42.3
458785		0.40	0.005	0.15	7.20	2.8	520	1.69	0.38	0.52	0.21	65.3	16.0	74	8.05	34.4
458786		0.36	0.001	0.08	7.02	3.6	550	1.71	0.16	0.58	0.15	63.5	15.2	76	6.31	32.2
458787		0.28	0.001	0.11	6.76	2.8	550	1.72	0.14	0.80	0.19	59.5	11.3	70	5.51	23.2
458788		0.32	<0.001	0.13	7.09	3.5	610	1.99	0.16	0.68	0.31	69.0	17.2	70	6.74	33.3
458789		0.26	0.002	0.14	7.24	5.5	550	2.01	0.15	0.74	0.26	72.1	16.5	70	6.58	36.7
458790		0.07	<0.001	0.01	0.11	0.8	<10	0.05	0.01	0.01	<0.02	2.09	0.4	6	0.10	4.8
458791		0.41	0.010	0.38	5.04	4.5	400	1.37	0.96	0.62	0.30	58.0	12.2	49	3.59	23.7
458792		0.38	0.001	0.08	7.21	5.1	640	1.80	0.19	0.73	0.14	67.0	12.8	59	3.87	32.8
458793		0.33	0.006	0.25	5.55	10.8	470	1.31	0.27	0.45	0.15	56.1	6.3	55	4.71	26.2
458794		0.35	0.008	0.62	5.98	13.8	530	1.38	0.19	0.47	0.12	48.5	6.8	62	4.80	38.1
458795		0.30	0.013	0.69	5.11	25.5	400	1.34	0.34	0.28	0.12	45.7	4.4	61	4.94	37.5
458796		0.32	<0.001	0.20	6.37	3.2	490	1.60	0.11	0.41	0.21	55.0	10.1	65	5.88	27.3
458797		0.38	0.002	0.09	6.89	5.4	550	1.63	0.20	0.52	0.17	61.2	11.4	61	4.66	39.7
458798		0.35	<0.001	0.11	5.53	2.9	360	1.60	0.14	0.47	0.23	56.2	10.4	62	6.05	20.3
458799		0.37	0.001	0.12	6.61	4.0	500	1.85	0.12	0.72	0.21	57.3	11.8	69	5.51	28.1
458800		0.31	0.001	0.12	6.52	4.8	490	1.67	0.11	0.84	0.24	57.1	11.7	67	5.36	28.4

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Finalized Date: 7- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17193286

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458761		9.03	13.00	0.10	1.8	0.034	2.22	23.1	32.8	0.78	5150	4.62	0.41	7.0	65.9	400
458762		15.25	1.12	0.08	0.1	<0.005	0.02	9.1	1.3	0.22	3820	1.34	0.01	1.0	7.1	260
458763		19.60	1.68	0.09	0.2	0.008	0.07	9.3	3.3	0.38	4640	1.69	0.03	1.4	10.8	400
458764		23.8	5.60	0.10	1.0	0.022	0.31	17.4	7.1	0.55	19600	1.33	0.14	6.9	19.8	670
458765		7.65	20.6	0.12	3.7	0.042	3.76	38.1	54.4	0.85	4020	2.34	0.68	9.4	37.9	440
458766		22.5	3.45	0.11	0.8	0.011	0.13	20.4	6.4	0.47	11550	1.23	0.06	6.5	9.8	650
458767		12.35	2.01	0.06	0.5	0.006	0.09	8.7	2.6	0.15	6230	1.17	0.02	3.5	10.7	320
458768		8.23	1.21	0.06	0.2	<0.005	0.09	12.1	3.8	0.69	2160	0.59	0.03	0.8	4.5	390
458769		20.4	4.28	0.08	1.3	0.015	0.24	12.3	6.6	0.63	13150	1.77	0.06	6.2	27.0	930
458770		5.55	23.8	0.10	5.8	0.044	3.71	37.3	38.6	0.66	1180	4.11	0.80	9.4	19.7	380
458771		9.98	16.30	0.12	2.9	0.041	3.25	28.0	62.1	0.74	4590	1.48	0.22	5.1	61.4	970
458772		8.32	23.2	0.13	2.8	0.049	4.63	31.2	63.1	1.00	529	4.84	0.40	7.9	16.9	320
458773		14.05	9.06	0.11	1.9	0.024	1.39	24.3	23.8	1.22	5050	0.86	0.38	4.8	22.0	510
458774		6.28	18.50	0.12	4.4	0.034	3.22	40.7	40.5	0.80	2370	1.25	1.26	8.3	52.2	330
458775		14.25	21.9	0.10	4.3	0.090	0.40	18.1	22.0	0.22	467	2.45	0.09	15.4	221	420
458776		6.01	17.55	0.12	4.4	0.038	3.22	37.3	46.3	0.68	1270	1.06	0.49	11.6	32.3	620
458777		10.95	16.50	0.10	3.1	0.042	2.33	28.7	21.6	0.55	1620	3.94	0.77	8.1	19.2	1080
458778		9.37	17.20	0.13	2.4	0.044	3.16	51.3	48.5	0.69	6590	2.64	0.89	3.6	33.8	940
458779		17.55	6.03	0.07	1.0	0.022	0.46	12.1	3.7	0.31	8770	1.02	0.18	4.4	15.0	860
458780		6.43	15.70	0.09	4.5	0.034	2.19	31.3	28.0	0.75	1380	0.95	1.50	7.7	22.7	630
458781		5.37	17.65	0.10	4.1	0.040	3.15	35.8	34.2	0.77	1040	1.12	1.22	8.5	19.1	400
458782		5.87	18.00	0.10	4.2	0.038	3.21	36.9	38.4	0.87	1980	1.25	1.30	8.3	35.9	300
458783		19.30	6.61	0.09	1.0	0.022	0.94	15.6	14.1	1.83	6440	1.19	0.25	4.4	16.5	590
458784		8.29	14.25	0.11	3.3	0.035	2.27	33.2	27.4	0.80	3860	1.27	1.21	7.4	34.8	560
458785		9.02	16.80	0.10	3.3	0.039	2.83	33.2	40.2	0.97	5680	1.11	1.14	7.8	34.6	400
458786		8.02	16.55	0.17	3.5	0.037	2.71	32.3	38.7	0.82	4660	0.88	1.26	8.4	35.5	310
458787		7.04	16.05	0.18	3.3	0.036	2.61	30.4	38.3	0.84	3530	1.13	1.34	7.4	26.6	460
458788		7.40	16.90	0.18	3.2	0.043	3.07	35.0	50.5	0.93	3970	1.11	0.98	7.3	38.9	560
458789		7.48	17.15	0.18	3.6	0.039	3.03	37.3	48.7	0.90	3440	1.09	1.18	7.7	40.4	410
458790		0.36	0.25	0.10	0.2	<0.005	0.01	1.0	16.3	<0.01	35	0.62	<0.01	0.9	2.8	10
458791		12.05	11.60	0.16	2.5	0.037	1.77	28.8	28.4	0.76	4590	1.23	0.91	6.9	22.4	580
458792		5.57	16.05	0.18	4.0	0.037	2.67	32.2	31.8	0.74	1930	1.63	1.60	7.5	25.3	340
458793		8.90	13.80	0.18	3.0	0.045	2.14	30.1	21.7	0.48	1580	52.3	1.02	6.3	15.6	1050
458794		10.75	16.15	0.17	3.6	0.041	2.40	25.2	20.7	0.52	1420	4.17	1.20	6.9	18.5	780
458795		13.20	13.65	0.16	3.0	0.046	1.99	23.3	18.3	0.41	1280	5.22	0.73	6.7	13.3	940
458796		7.28	14.50	0.15	2.9	0.034	2.36	28.9	33.0	0.65	3820	0.95	1.09	7.1	23.4	600
458797		8.06	15.80	0.17	3.5	0.039	2.51	37.2	35.7	0.67	1800	1.34	1.29	7.1	24.7	400
458798		13.55	13.70	0.17	2.2	0.035	2.22	29.8	36.0	0.78	4990	1.32	0.65	6.9	20.8	520
458799		7.48	15.25	0.16	3.2	0.035	2.54	30.1	38.9	0.84	3640	0.92	1.12	7.1	28.9	610
458800		7.51	15.05	0.16	3.1	0.038	2.50	29.4	38.6	0.85	4010	0.92	1.14	6.8	28.3	640

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	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458761		7.6	92.8	<0.002	0.04	0.16	7.6	1	1.4	64.4	0.50	<0.05	6.25	0.204	0.46	1.7
458762		1.7	0.8	<0.002	0.02	0.07	0.4	<1	0.2	6.2	<0.05	<0.05	0.18	0.008	0.02	0.8
458763		1.8	3.1	<0.002	0.02	0.06	0.8	1	0.4	23.9	0.08	<0.05	0.48	0.019	0.03	0.4
458764		3.8	11.7	<0.002	0.03	0.16	3.0	2	0.5	36.0	0.44	0.06	2.15	0.165	0.11	0.8
458765		22.8	159.5	<0.002	0.01	0.24	10.7	2	1.6	63.4	0.69	0.05	12.05	0.316	0.62	2.6
458766		3.8	5.0	<0.002	0.03	0.12	1.7	1	0.4	25.5	0.41	0.06	1.90	0.070	0.04	0.6
458767		3.0	3.2	<0.002	0.01	0.12	1.4	<1	0.2	4.9	0.23	0.15	0.67	0.084	0.02	0.4
458768		2.8	3.9	<0.002	0.05	0.10	0.5	1	<0.2	22.6	<0.05	<0.05	0.55	0.013	0.06	0.8
458769		10.4	13.1	<0.002	0.08	0.11	3.1	1	0.4	38.0	0.39	0.10	1.61	0.126	0.03	1.1
458770		11.8	132.5	<0.002	0.02	0.15	10.5	1	1.7	116.0	0.72	0.09	11.95	0.377	0.65	3.3
458771		7.9	122.5	<0.002	0.04	0.15	8.8	2	1.1	55.4	0.35	0.09	12.70	0.214	0.64	13.6
458772		36.8	213	<0.002	0.09	0.33	11.4	1	1.6	56.5	0.70	0.08	10.35	0.315	1.09	3.8
458773		13.5	69.4	<0.002	0.04	0.15	5.6	1	0.6	82.3	0.34	0.07	5.59	0.159	0.31	1.3
458774		41.6	132.5	<0.002	0.01	0.25	10.3	1	1.3	153.0	0.62	0.07	11.45	0.306	0.65	2.9
458775		20.6	44.3	<0.002	0.05	0.89	51.8	3	2.6	34.3	1.17	0.12	14.90	0.780	0.25	2.6
458776		16.6	177.0	<0.002	0.03	0.33	10.1	1	1.3	41.5	0.90	0.30	10.90	0.322	0.69	3.1
458777		23.4	122.5	<0.002	0.03	0.63	9.1	1	1.2	84.5	0.59	0.36	7.79	0.286	0.66	2.0
458778		44.8	105.0	<0.002	0.04	0.26	10.3	1	1.0	46.5	0.19	0.06	11.80	0.170	0.55	5.0
458779		6.6	19.9	<0.002	0.03	0.21	3.2	1	0.4	42.1	0.30	0.10	2.25	0.143	0.12	0.8
458780		17.3	87.7	<0.002	0.02	0.14	8.4	<1	1.1	206	0.55	0.05	8.18	0.268	0.43	2.0
458781		22.7	132.0	<0.002	0.02	0.20	9.7	1	1.2	139.0	0.61	0.08	10.75	0.319	0.57	2.1
458782		25.1	132.0	<0.002	0.01	0.23	10.3	1	1.3	150.0	0.63	0.07	10.75	0.307	0.58	2.4
458783		8.6	47.0	<0.002	0.05	0.13	3.8	1	0.5	72.1	0.27	0.06	2.90	0.110	0.21	0.8
458784		21.1	96.2	<0.002	0.04	0.25	8.8	1	1.0	148.0	0.54	0.11	8.27	0.255	0.45	2.2
458785		22.1	133.0	<0.002	0.02	0.19	10.0	1	1.2	126.5	0.60	0.07	9.85	0.301	0.53	2.2
458786		19.8	127.0	<0.002	0.01	0.17	9.7	1	1.2	157.0	0.63	0.05	9.24	0.304	0.48	2.1
458787		16.0	120.0	<0.002	0.02	0.19	9.1	1	1.2	169.5	0.55	0.06	8.61	0.275	0.53	2.0
458788		23.4	135.0	<0.002	0.03	0.28	9.5	2	1.2	115.5	0.55	0.08	10.25	0.276	0.54	2.6
458789		22.2	134.0	<0.002	0.02	0.21	9.9	1	1.3	139.5	0.57	0.08	10.55	0.293	0.58	2.3
458790		0.5	0.5	<0.002	<0.01	0.18	0.2	<1	0.6	0.8	0.06	<0.05	0.70	0.031	<0.02	0.1
458791		74.1	83.0	<0.002	0.03	0.23	6.5	2	0.9	112.5	0.44	0.13	7.10	0.205	0.40	1.6
458792		25.3	106.5	<0.002	0.01	0.28	8.9	1	1.2	202	0.55	0.07	9.85	0.287	0.58	2.4
458793		61.3	101.5	0.002	0.05	1.56	7.0	9	1.0	129.5	0.48	0.25	7.12	0.232	0.65	3.2
458794		28.2	101.5	<0.002	0.03	0.56	7.7	3	1.2	149.0	0.51	0.37	8.73	0.254	0.59	1.8
458795		56.9	90.2	<0.002	0.06	1.36	6.9	4	1.1	86.0	0.49	1.00	6.63	0.235	0.55	1.9
458796		15.2	114.5	<0.002	0.02	0.16	8.6	1	1.1	123.5	0.52	0.07	7.89	0.271	0.46	2.0
458797		21.7	108.0	<0.002	0.02	0.29	9.1	2	1.2	157.0	0.52	0.22	10.10	0.268	0.52	2.5
458798		18.7	109.0	<0.002	0.03	0.22	7.2	1	1.0	73.2	0.48	0.08	7.59	0.222	0.50	1.8
458799		15.3	116.5	<0.002	0.02	0.18	8.9	2	1.1	136.0	0.54	0.08	8.38	0.268	0.48	2.0
458800		14.2	113.5	<0.002	0.03	0.19	8.7	1	1.1	138.5	0.51	0.07	8.18	0.262	0.48	2.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17193286

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458761		75	1.0	7.2	110	67.2
458762		24	0.2	7.7	7	5.6
458763		26	0.3	6.7	18	10.1
458764		75	0.9	8.1	19	41.7
458765		93	1.2	8.5	90	132.5
458766		40	1.7	12.9	13	35.4
458767		45	0.6	4.9	10	17.7
458768		13	0.2	14.5	12	7.9
458769		76	0.8	8.1	34	52.1
458770		123	1.6	7.5	148	213
458771		90	0.9	15.9	162	103.5
458772		161	1.2	5.4	86	96.6
458773		49	0.8	10.6	52	67.3
458774		78	1.0	12.4	111	154.5
458775		223	1.8	10.7	43	155.5
458776		67	1.1	9.5	121	161.0
458777		90	1.1	5.9	89	113.5
458778		52	0.6	19.0	137	88.5
458779		75	0.4	5.2	60	40.4
458780		74	0.8	9.3	73	162.5
458781		80	0.9	7.8	64	152.0
458782		78	0.9	10.6	90	150.0
458783		45	0.6	10.9	46	40.9
458784		73	0.8	11.9	100	119.0
458785		86	1.0	9.0	92	122.0
458786		85	1.0	9.7	86	132.0
458787		79	0.9	8.6	90	128.5
458788		82	1.0	9.5	100	121.5
458789		86	0.9	11.4	98	138.5
458790		2	0.2	0.7	2	8.0
458791		65	0.8	10.1	78	103.5
458792		79	0.8	8.7	91	153.5
458793		158	1.7	6.7	105	120.5
458794		83	0.9	5.3	96	160.0
458795		74	1.0	5.1	70	117.0
458796		74	1.0	8.2	80	113.5
458797		75	0.8	14.1	98	140.0
458798		89	0.9	8.8	70	88.0
458799		77	1.0	8.7	102	120.0
458800		75	0.9	8.3	99	120.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 7- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17193286

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201538

Project: KAN

P.O. No.: SOILKAN- 028

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201538

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458561		0.12	<0.001	0.66	5.86	1.2	590	0.94	0.11	2.08	0.56	42.5	8.3	48	0.72	88.3
458562		0.18	<0.001	0.05	6.31	2.5	650	1.17	0.08	1.32	0.13	47.3	6.1	46	1.30	52.7
458563		0.21	0.002	0.13	6.09	3.3	630	1.12	0.09	1.61	0.11	45.7	7.5	53	1.18	103.0
458564		0.18	<0.001	0.10	5.44	0.5	600	0.83	0.08	1.06	0.31	44.6	3.4	38	0.70	57.7
458565		0.17	0.002	0.03	5.74	1.1	610	0.85	0.09	1.15	0.07	43.1	4.2	43	0.54	22.2
458566		0.13	<0.001	0.11	6.35	10.1	580	1.38	0.13	1.23	0.33	46.3	14.1	67	2.75	41.1
458567		0.13	0.001	0.08	6.69	2.4	600	1.33	0.09	1.10	0.07	46.3	8.1	42	2.22	32.6
458568		0.29	<0.001	0.13	6.52	5.5	490	1.71	0.24	0.84	0.32	53.2	12.8	76	7.55	25.3
458569		0.31	0.001	0.10	5.62	3.5	410	1.87	0.12	0.38	0.45	60.7	17.1	67	6.44	21.0
458570		0.34	0.007	0.15	6.31	5.2	520	1.42	0.15	0.72	0.21	56.9	12.2	62	4.77	21.1
458571		0.25	0.002	0.38	6.03	16.6	480	1.30	0.17	0.68	0.46	54.4	8.8	69	8.49	33.2
458572		0.36	0.002	0.29	5.66	8.8	380	1.51	0.15	0.88	0.53	38.9	14.5	65	5.80	50.7
458573		0.19	<0.001	0.17	5.59	3.4	500	1.19	0.12	0.63	0.18	47.9	6.1	55	5.25	12.9
458574		0.27	0.003	0.16	6.01	5.1	500	1.43	0.15	0.46	0.20	52.9	7.1	65	6.14	25.4
458575		0.07	<0.001	0.03	9.16	10.6	150	0.93	0.32	0.31	0.03	49.5	7.5	112	6.27	30.8
458576		0.36	0.003	0.15	6.66	5.9	490	1.95	0.14	0.52	0.39	60.7	13.9	74	7.57	28.7
458577		0.15	<0.001	0.08	6.57	4.8	420	1.77	0.18	0.38	0.19	51.1	12.6	77	8.62	18.0
458578		0.17	0.002	0.86	5.80	2.2	460	1.87	0.16	1.14	0.65	61.7	30.7	60	3.20	117.0
458579		0.28	0.001	0.70	5.24	3.1	320	1.33	0.15	0.26	0.11	52.1	31.3	68	6.69	35.3
458580		0.26	0.001	0.12	6.07	5.0	490	1.62	0.16	0.55	0.54	49.1	12.5	64	6.03	20.3
458581		0.29	0.003	0.23	6.09	5.5	510	1.54	0.19	0.72	0.48	54.8	14.8	60	4.35	52.1
458582		0.22	0.004	0.05	7.11	2.8	500	1.58	0.10	0.64	0.21	56.0	13.2	71	6.00	27.5
458583		0.28	<0.001	0.04	6.76	4.1	530	1.59	0.13	0.68	0.61	55.0	13.4	65	4.88	22.5
458584		0.31	0.002	0.23	6.90	2.5	590	1.44	0.12	0.92	0.16	46.5	9.2	64	5.16	19.9
458585		0.18	0.003	0.14	6.63	3.7	220	0.94	0.07	0.70	0.52	34.0	56.0	63	7.22	132.0
458586		0.31	0.005	0.14	6.85	5.3	580	1.72	0.14	0.84	3.19	77.1	28.0	61	5.29	55.5
458587		0.18	0.009	0.32	6.27	4.9	510	1.49	0.17	0.70	0.76	54.9	14.0	64	4.90	58.5
458588		0.28	0.002	0.11	6.69	6.0	540	1.56	0.13	0.76	0.36	56.3	15.6	66	6.43	38.8
458589		0.21	0.003	0.33	6.41	7.5	510	1.48	0.13	0.62	0.83	61.1	13.2	68	5.39	41.6
458590		0.07	<0.001	0.01	0.10	0.7	<10	<0.05	0.02	0.01	<0.02	2.15	0.4	6	0.11	5.0
458591		0.28	0.010	0.17	7.07	7.6	570	1.63	0.13	0.82	0.50	61.6	14.5	70	5.59	39.2
458592		0.18	<0.001	0.16	7.33	2.6	530	1.21	0.14	1.15	0.09	44.5	12.5	96	1.90	22.0
458593		0.17	<0.001	0.03	6.32	9.5	430	1.48	0.12	0.66	0.07	43.5	13.9	64	3.82	27.0
458594		0.21	<0.001	0.11	6.87	4.8	520	1.27	0.11	0.86	0.15	42.5	21.4	65	2.88	26.8
458595		0.21	0.004	0.04	6.56	4.2	430	1.09	0.08	0.82	0.11	51.1	43.6	46	3.47	34.8
458596		0.21	<0.001	0.04	7.18	3.7	620	1.55	0.10	1.10	0.10	57.7	12.0	65	4.18	31.6
458597		0.14	<0.001	0.26	6.71	4.0	460	1.52	0.13	1.03	0.49	82.7	24.6	67	4.23	102.0
458598		0.14	0.001	0.11	7.25	4.4	700	1.26	0.09	1.04	0.17	45.6	7.8	56	2.72	14.6
458599		0.20	0.009	0.16	7.02	4.9	610	1.38	0.10	0.95	0.15	53.1	10.0	58	4.30	23.2
458600		0.17	0.005	0.13	6.71	13.1	600	1.44	0.11	0.97	0.19	49.7	10.6	59	2.92	32.4

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Finalized Date: 13- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17201538

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458561		2.48	15.55	0.14	4.5	0.034	1.64	21.7	12.4	0.61	430	0.46	1.85	6.1	22.2	500
458562		2.95	14.95	0.17	5.3	0.024	2.01	24.8	15.6	0.59	307	0.44	2.11	5.4	14.7	360
458563		4.03	14.80	0.15	4.5	0.032	1.85	23.6	11.0	0.50	353	0.49	1.99	6.0	18.7	520
458564		2.18	13.65	0.16	4.8	0.022	1.71	22.7	3.7	0.36	199	0.51	1.78	4.6	9.5	270
458565		2.85	15.70	0.16	6.4	0.023	1.78	21.9	4.2	0.46	244	0.41	1.76	5.6	8.8	260
458566		5.20	15.35	0.17	3.9	0.036	1.83	22.9	18.5	0.88	1160	1.94	1.78	6.8	32.3	760
458567		3.72	14.05	0.17	3.1	0.029	1.90	25.1	21.3	1.12	586	0.44	2.20	5.3	19.1	380
458568		9.24	15.50	0.17	3.5	0.036	2.37	29.2	35.3	0.81	4920	3.10	1.10	7.7	27.0	550
458569		11.70	14.40	0.18	3.0	0.034	1.79	33.9	33.9	0.61	10100	1.50	0.91	9.8	33.6	540
458570		7.37	14.90	0.19	3.8	0.033	2.08	28.8	25.6	0.60	3720	2.20	1.38	7.0	21.9	400
458571		8.29	16.25	0.17	3.6	0.038	2.10	28.7	19.3	0.60	2980	6.22	1.06	7.9	24.6	680
458572		10.10	13.80	0.16	2.7	0.043	1.75	22.3	25.9	0.98	4030	3.47	0.76	7.2	35.0	1400
458573		6.61	13.25	0.15	3.2	0.027	2.02	24.5	19.7	0.56	2270	1.18	1.18	6.7	16.8	660
458574		8.11	15.60	0.17	3.4	0.034	2.32	27.9	19.5	0.55	2600	1.92	0.96	7.4	17.2	470
458575		6.46	24.4	0.14	4.4	0.087	0.47	23.0	35.3	0.31	489	2.38	0.13	22.5	44.0	490
458576		9.93	16.25	0.18	3.4	0.039	2.55	32.6	40.6	0.82	5790	2.02	0.95	8.1	30.9	480
458577		10.05	15.65	0.19	2.7	0.040	2.30	26.1	39.8	0.73	4640	1.38	0.97	7.7	23.1	430
458578		9.18	12.75	0.19	2.8	0.042	1.36	51.4	24.3	0.56	15150	0.94	1.04	5.3	87.5	3320
458579		12.85	13.95	0.17	2.5	0.034	1.74	27.4	21.2	0.52	7560	1.10	0.57	7.0	14.2	580
458580		10.70	13.85	0.08	3.1	0.034	2.23	25.7	33.7	0.77	6590	1.22	1.07	6.9	27.5	450
458581		11.90	13.55	0.10	3.7	0.031	2.09	26.5	28.7	0.67	4060	1.95	1.30	6.3	28.6	430
458582		9.40	15.45	0.09	2.9	0.040	2.10	26.6	39.5	0.87	4490	1.01	1.23	6.8	23.6	350
458583		8.76	15.50	0.09	3.1	0.042	2.21	26.7	34.3	0.76	4790	1.35	1.25	6.6	25.1	300
458584		6.71	15.55	0.09	3.1	0.036	2.43	25.0	30.6	0.85	1100	1.29	1.48	6.6	32.0	670
458585		13.00	18.25	0.08	1.9	0.089	0.79	14.9	43.9	1.79	5260	1.18	1.13	5.7	62.5	630
458586		7.78	15.15	0.12	4.2	0.038	2.35	41.1	37.5	0.73	11200	1.99	1.47	6.8	120.0	360
458587		10.30	14.85	0.10	4.0	0.043	2.13	30.1	27.7	0.66	5550	1.75	1.29	6.7	42.2	450
458588		8.77	14.80	0.09	3.7	0.031	2.31	28.3	32.0	0.79	5910	1.48	1.39	6.7	36.6	470
458589		8.29	15.70	0.11	3.3	0.035	1.99	31.7	22.6	0.66	3930	3.65	1.20	7.0	39.0	710
458590		0.37	0.28	<0.05	0.2	<0.005	0.01	1.1	15.1	<0.01	39	0.71	<0.01	1.0	3.1	10
458591		8.12	16.25	0.11	3.7	0.038	2.56	33.7	32.3	0.83	4770	3.23	1.39	7.3	37.4	500
458592		7.64	19.90	0.08	4.5	0.039	2.04	22.0	17.0	1.05	1430	1.68	1.49	8.2	24.3	280
458593		13.30	16.20	0.11	2.8	0.057	1.60	20.7	21.5	0.59	1920	1.56	1.25	7.0	13.4	510
458594		7.81	17.50	0.06	3.1	0.049	1.78	21.2	28.6	0.99	2280	1.36	1.48	7.3	31.9	520
458595		9.33	17.00	0.12	3.2	0.063	1.49	24.6	21.8	1.08	5720	1.17	1.51	6.6	18.4	670
458596		6.71	16.50	0.12	3.9	0.043	2.14	33.5	32.5	0.87	2200	1.02	1.69	7.4	23.3	560
458597		7.03	14.75	0.15	3.0	0.042	1.60	56.2	39.3	0.64	5870	1.21	1.21	6.1	50.1	1190
458598		4.98	16.75	0.10	4.0	0.036	2.30	22.6	18.9	0.66	937	1.36	1.97	7.7	18.0	390
458599		5.73	14.60	0.08	3.6	0.038	2.21	23.6	26.8	0.70	2210	1.53	1.69	6.7	22.6	460
458600		7.49	15.15	0.09	4.1	0.039	2.08	23.0	23.7	0.66	1500	2.28	1.74	6.9	22.0	540

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201538

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458561		23.9	52.1	<0.002	0.03	0.13	9.6	1	1.1	247	0.41	<0.05	6.40	0.269	0.37	1.2
458562		15.1	67.5	<0.002	0.02	0.13	8.5	<1	0.9	278	0.39	<0.05	6.18	0.229	0.39	1.2
458563		21.0	64.5	<0.002	0.03	0.14	8.1	1	0.9	267	0.41	<0.05	6.93	0.227	0.37	1.3
458564		16.9	51.4	<0.002	0.02	0.12	7.2	<1	0.9	232	0.34	<0.05	7.19	0.230	0.32	1.5
458565		13.0	52.4	<0.002	0.02	0.16	8.7	1	1.1	237	0.39	<0.05	7.61	0.281	0.29	1.4
458566		17.4	87.3	<0.002	0.04	0.51	10.2	<1	1.1	217	0.46	0.05	6.40	0.291	0.48	1.6
458567		14.9	75.5	<0.002	0.01	0.21	7.2	<1	0.8	254	0.39	0.06	6.27	0.213	0.40	1.1
458568		25.7	125.0	<0.002	0.03	0.21	10.0	1	1.1	150.0	0.56	0.08	7.90	0.286	0.42	2.4
458569		16.6	99.1	<0.002	0.04	0.18	8.9	1	1.0	100.5	0.65	0.09	7.33	0.257	0.41	2.1
458570		26.4	99.5	<0.002	0.03	0.22	8.7	1	1.0	171.5	0.52	0.11	7.79	0.255	0.49	2.1
458571		21.1	133.5	<0.002	0.03	0.32	9.4	2	1.1	129.5	0.56	0.09	7.60	0.283	0.52	2.9
458572		19.3	93.9	<0.002	0.07	0.35	10.0	2	0.9	98.3	0.50	0.10	6.30	0.238	0.55	4.1
458573		10.2	115.5	<0.002	0.04	0.16	7.0	1	0.9	160.5	0.49	0.05	6.36	0.232	0.39	1.6
458574		24.5	111.0	<0.002	0.02	0.21	8.7	1	1.1	125.5	0.53	0.06	7.51	0.270	0.47	2.1
458575		22.7	61.6	<0.002	0.05	0.63	13.9	3	3.8	47.5	1.58	0.07	15.60	0.993	0.33	2.7
458576		13.7	124.5	<0.002	0.02	0.23	10.2	1	1.1	122.5	0.61	0.07	8.77	0.282	0.47	2.5
458577		11.0	124.0	<0.002	0.02	0.26	9.9	1	1.0	90.7	0.58	0.07	7.48	0.297	0.45	1.8
458578		15.2	62.1	<0.002	0.16	0.18	11.9	3	0.8	155.5	0.37	0.08	9.35	0.197	0.44	4.7
458579		9.5	101.5	<0.002	0.11	0.14	8.7	1	1.0	61.4	0.49	0.08	7.73	0.238	0.56	2.5
458580		12.6	111.0	0.002	0.02	0.19	7.9	<1	0.9	141.0	0.50	0.05	6.97	0.255	0.39	1.5
458581		25.4	89.2	<0.002	0.04	0.25	8.3	2	0.9	168.5	0.46	0.20	7.61	0.249	0.45	2.1
458582		12.9	94.4	<0.002	0.02	0.24	9.7	<1	1.1	141.0	0.49	0.05	7.80	0.293	0.47	1.6
458583		15.4	93.8	<0.002	0.02	0.28	9.5	<1	1.0	158.0	0.51	<0.05	7.54	0.282	0.54	1.6
458584		16.3	110.0	<0.002	0.05	0.20	9.2	<1	1.0	198.0	0.49	0.09	7.35	0.266	0.53	1.8
458585		12.8	39.2	<0.002	0.05	0.35	33.9	1	0.9	69.2	0.37	0.09	2.95	0.897	1.08	0.8
458586		24.5	101.0	0.003	0.03	0.29	10.3	2	1.0	190.5	0.47	0.05	7.86	0.263	0.48	6.1
458587		47.3	93.6	<0.002	0.02	0.28	8.8	1	1.0	162.5	0.50	0.20	7.79	0.251	0.43	2.2
458588		19.3	102.0	<0.002	0.02	0.25	9.6	<1	0.9	176.5	0.46	0.08	7.56	0.277	0.49	2.0
458589		24.6	93.9	<0.002	0.04	0.33	9.9	<1	1.1	149.5	0.51	0.06	7.67	0.264	0.60	2.8
458590		0.9	0.5	<0.002	<0.01	0.21	0.2	<1	0.5	0.9	0.06	<0.05	0.67	0.031	<0.02	0.2
458591		23.9	110.5	<0.002	0.03	0.32	10.3	1	1.1	178.5	0.55	0.06	8.20	0.286	0.57	2.8
458592		14.8	76.2	0.003	0.02	0.27	12.0	<1	1.3	206	0.58	0.07	6.37	0.357	0.58	1.6
458593		19.1	63.0	0.002	0.04	0.44	10.1	1	1.0	143.0	0.51	0.34	6.58	0.311	0.44	1.4
458594		15.9	68.7	<0.002	0.03	0.30	14.0	1	1.1	182.5	0.52	0.06	5.94	0.388	0.48	1.5
458595		16.0	59.3	<0.002	0.04	0.23	18.8	1	0.9	163.0	0.46	0.10	6.73	0.571	0.39	2.0
458596		15.2	89.4	0.002	0.02	0.23	12.2	<1	1.1	216	0.53	0.05	8.05	0.335	0.48	1.8
458597		18.6	71.0	<0.002	0.09	0.23	14.0	1	1.0	163.5	0.44	0.07	8.77	0.296	0.46	4.6
458598		17.6	89.8	0.002	0.01	0.29	8.7	1	1.1	259	0.57	0.05	6.64	0.288	0.58	1.3
458599		15.8	84.7	<0.002	0.02	0.27	8.4	<1	1.0	218	0.50	0.08	7.08	0.268	0.51	1.6
458600		25.7	82.4	<0.002	0.14	0.45	8.3	1	1.0	229	0.52	0.22	7.24	0.263	0.54	1.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201538

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458561		65	0.4	8.2	26	170.5
458562		60	0.4	9.2	34	192.5
458563		59	0.4	9.8	29	167.5
458564		49	0.5	7.3	19	180.5
458565		84	0.5	7.9	20	240
458566		80	0.6	10.4	77	144.0
458567		48	3.0	8.6	46	117.0
458568		92	1.0	9.1	113	125.5
458569		80	0.8	12.1	74	115.5
458570		71	0.8	8.0	72	141.0
458571		106	1.1	6.6	183	129.5
458572		92	0.8	12.3	250	98.4
458573		61	0.7	6.2	88	118.0
458574		83	1.0	6.8	81	126.5
458575		152	2.1	11.8	46	166.5
458576		87	1.0	9.3	166	123.0
458577		86	1.0	6.7	84	101.0
458578		50	0.5	28.6	68	102.5
458579		86	1.0	7.5	95	94.7
458580		77	0.8	10.0	210	112.0
458581		75	0.7	9.3	182	135.0
458582		90	0.8	9.3	115	108.0
458583		83	0.9	10.2	182	101.5
458584		74	0.8	9.3	167	114.5
458585		375	0.4	15.7	130	69.6
458586		78	0.8	21.1	388	157.5
458587		76	0.9	12.1	156	145.0
458588		87	0.8	10.5	118	131.5
458589		89	0.9	10.4	117	120.0
458590		3	0.2	0.7	3	7.4
458591		90	0.9	11.5	151	133.5
458592		106	1.0	9.3	53	163.0
458593		94	0.7	10.2	48	106.0
458594		141	0.7	9.7	90	115.0
458595		210	0.6	17.8	89	117.5
458596		96	0.7	14.5	90	139.5
458597		98	0.7	29.6	60	109.5
458598		74	0.6	8.1	71	144.0
458599		69	0.7	7.6	95	127.0
458600		70	0.6	7.4	119	145.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201538

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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Finalized Date: 13- OCT- 2017
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CERTIFICATE VO17201541

Project: KAN

P.O. No.: SOILKAN- 029

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17201541

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458601		0.31	0.015	1.04	5.58	14.5	320	1.81	0.28	0.37	0.48	55.1	16.4	69	5.23	60.3
458602		0.33	0.008	0.49	2.90	14.7	340	0.50	0.09	0.31	0.04	17.45	1.9	30	1.41	165.0
458603		0.42	0.001	0.19	6.93	17.0	570	1.66	0.23	0.96	0.19	53.3	12.1	70	5.03	47.6
458604		0.27	<0.001	0.08	6.72	5.7	450	1.79	0.13	0.39	0.40	52.4	13.2	74	8.66	23.8
458605		0.28	0.009	0.13	6.04	23.7	540	0.98	0.16	0.57	0.08	38.7	7.4	59	3.44	73.3
458606		0.24	<0.001	0.04	0.79	17.9	80	0.50	0.04	0.35	0.32	14.70	4.6	14	0.56	7.5
458607		0.24	<0.001	0.06	0.72	7.4	50	1.05	0.06	0.82	0.11	17.10	7.9	19	0.39	17.8
458608		0.28	0.003	0.18	5.05	5.1	290	1.41	0.33	0.80	0.34	42.2	23.2	72	8.15	179.0
458609		0.33	<0.001	0.06	5.70	5.6	410	1.62	0.16	0.60	0.23	48.2	19.8	74	11.85	58.1
458610		0.16	<0.001	0.03	4.22	1.3	170	1.61	0.03	0.43	0.11	40.5	16.7	33	2.60	7.6
458611		0.16	0.006	0.28	6.84	37.7	330	0.85	0.10	0.91	0.40	33.2	42.8	131	2.76	173.0
458612		0.28	<0.001	0.14	6.64	5.3	470	2.28	0.13	0.78	0.45	54.4	18.0	85	10.00	62.2
458613		0.28	<0.001	0.09	0.25	1.2	20	0.42	0.06	3.18	0.12	13.95	5.6	9	0.15	11.3
458614		0.17	<0.001	0.05	1.38	3.2	120	0.74	0.05	0.52	0.14	29.5	5.6	23	0.26	7.6
458615		0.07	0.023	0.13	8.58	12.3	190	0.68	0.31	0.19	0.04	36.1	26.6	560	3.85	382
458616		0.17	0.001	0.25	5.02	7.3	340	1.72	0.12	0.49	0.14	42.7	7.4	56	3.62	10.7
458617		0.20	<0.001	0.05	6.51	4.2	650	1.76	0.08	0.93	0.08	48.2	7.1	55	2.60	11.1
458618		0.18	0.002	0.24	5.58	8.9	380	1.95	0.15	0.46	0.39	53.1	15.1	62	5.22	31.7
458619		0.15	0.003	0.25	0.41	1.2	40	0.71	0.10	0.26	0.52	34.3	9.3	12	0.25	31.0
458620		0.26	0.001	0.12	6.47	3.6	570	1.84	0.11	0.87	0.22	58.0	9.6	61	4.45	22.0
458621		0.23	0.002	0.09	5.76	2.9	450	1.75	0.31	0.32	0.06	47.2	5.0	72	6.34	25.2
458622		0.13	0.004	0.32	5.06	5.8	330	1.43	0.13	0.75	0.11	65.0	23.5	54	2.54	33.1
458623		0.20	0.003	0.24	5.67	11.1	470	1.48	0.12	0.79	0.81	50.0	14.9	59	3.35	78.0
458624		0.30	0.003	0.16	3.62	4.9	240	1.07	0.12	0.45	0.60	40.5	12.5	53	2.80	45.6
458625		0.24	0.002	0.21	6.18	7.4	460	1.55	0.15	0.86	0.54	55.4	17.0	68	5.40	56.2
458626		0.41	0.002	0.13	7.07	7.5	560	1.61	0.12	0.64	0.23	63.5	18.6	72	5.31	54.6
458627		0.17	0.034	0.70	6.79	24.1	470	1.63	0.20	0.50	0.35	54.3	18.2	82	6.37	60.3
458628		0.13	<0.001	0.96	0.43	18.0	30	0.07	0.02	0.04	0.03	5.54	0.6	16	0.52	38.5
458629		0.13	NSS	5.59	3.15	5.3	180	0.67	0.11	0.15	0.23	40.3	2.8	53	3.50	118.5
458630		0.07	<0.001	0.01	0.09	0.6	<10	0.06	0.01	0.01	<0.02	2.39	0.4	5	0.09	4.3
458631		0.25	0.011	0.20	6.75	22.8	510	1.72	0.15	0.44	0.26	55.6	16.2	76	6.56	54.0
458632		0.15	0.005	0.30	6.87	5.9	470	1.68	0.12	0.50	0.16	60.4	15.3	75	6.40	31.0
458633		0.19	0.005	0.14	7.21	9.6	600	1.73	0.17	0.80	0.12	54.9	16.1	76	4.60	38.0
458634		0.18	<0.001	0.11	7.28	4.1	680	1.68	0.10	0.91	0.17	66.4	13.8	64	3.38	28.4
458635		0.19	0.066	0.13	6.85	4.8	530	1.49	0.12	0.61	0.10	52.6	8.2	70	5.68	18.6
458636		0.31	0.001	0.14	7.14	6.7	560	1.86	0.14	0.69	0.19	73.7	15.9	71	4.63	36.9
458637		0.22	0.003	0.15	7.46	7.6	590	1.85	0.14	0.69	0.23	61.0	15.3	84	5.84	40.4
458638		0.18	0.009	0.32	6.87	7.7	510	1.52	0.15	0.52	0.17	60.0	17.0	75	5.05	55.1
458639		0.20	0.001	0.15	6.62	7.4	460	1.60	0.13	0.64	0.27	53.1	17.0	74	6.07	40.3
458640		0.23	0.002	0.13	6.85	7.3	430	1.99	0.13	0.48	0.31	51.7	17.3	85	9.17	25.6

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201541

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458601		14.95	14.50	0.11	2.4	0.063	1.88	28.8	29.3	0.67	3870	5.15	0.58	6.0	32.7	470
458602		33.5	11.05	0.15	2.6	0.059	1.36	8.6	4.3	0.19	189	2.09	0.58	3.7	6.1	810
458603		9.81	16.25	0.13	3.4	0.050	2.41	34.1	37.5	0.99	2060	4.33	1.39	6.4	32.9	640
458604		10.70	16.75	0.09	3.1	0.039	2.60	26.2	42.5	0.79	5170	2.18	0.76	6.9	26.0	480
458605		12.60	14.15	0.10	3.7	0.056	2.25	19.1	13.0	0.45	1120	5.03	1.35	6.1	16.5	320
458606		12.35	2.51	0.06	0.5	<0.005	0.18	7.7	2.7	0.19	3260	0.73	0.13	1.8	7.7	410
458607		17.15	2.42	0.08	0.5	0.007	0.13	9.7	5.1	0.61	6510	0.83	0.07	2.8	12.4	550
458608		17.10	12.00	0.08	1.6	0.044	1.71	21.8	42.3	1.68	13800	1.36	0.49	5.0	36.5	1770
458609		11.70	13.45	0.09	2.0	0.039	2.41	23.4	49.4	1.30	8050	1.07	0.50	5.8	41.6	680
458610		25.5	10.55	0.10	2.1	0.029	0.55	20.8	17.4	0.66	3300	0.55	2.06	6.5	23.8	340
458611		10.45	15.00	0.07	2.6	0.074	1.73	15.5	31.2	1.64	4140	1.24	1.16	4.9	64.7	1270
458612		8.80	15.00	0.08	2.5	0.040	2.40	26.1	37.5	1.16	4570	1.32	0.94	6.5	45.3	680
458613		18.95	1.14	0.08	0.2	0.006	0.06	8.4	3.0	0.77	5550	0.91	0.03	0.8	9.4	350
458614		22.1	3.68	0.10	0.9	0.008	0.30	16.6	3.7	0.32	5170	1.38	0.33	3.3	10.6	620
458615		14.85	19.80	0.07	3.8	0.086	0.42	16.7	19.7	0.23	501	2.32	0.10	12.8	235	440
458616		9.48	12.10	0.09	2.5	0.040	1.30	23.4	36.0	0.61	1690	2.08	0.73	5.9	16.0	400
458617		4.91	13.95	0.11	3.3	0.035	2.37	24.5	29.1	0.74	1130	0.81	1.78	7.0	18.5	400
458618		10.45	12.75	0.10	2.4	0.042	1.80	26.6	38.9	0.80	4110	2.33	0.83	7.0	25.6	340
458619		32.5	1.77	0.13	0.2	0.039	0.14	21.8	1.1	0.35	9960	0.77	0.07	0.9	14.5	880
458620		7.11	14.15	0.11	3.3	0.037	2.39	30.6	28.8	0.70	3260	1.36	1.56	6.8	25.7	380
458621		11.40	15.20	0.11	2.7	0.044	2.66	23.4	23.9	0.63	1890	3.79	0.76	10.1	13.6	450
458622		17.90	10.95	0.13	3.0	0.048	1.15	29.1	18.8	0.69	4370	1.46	0.99	6.4	21.0	620
458623		13.75	12.80	0.10	2.7	0.058	1.90	28.4	21.8	0.80	4470	2.59	1.20	6.0	40.6	400
458624		17.20	8.57	0.09	1.5	0.035	1.16	20.6	19.0	0.72	6930	2.76	0.50	4.1	35.7	290
458625		8.66	14.35	0.11	2.9	0.046	2.21	28.8	30.0	0.84	4870	1.62	1.09	6.5	33.0	650
458626		7.19	15.90	0.12	3.0	0.044	2.34	38.1	37.9	0.92	4000	1.33	1.48	7.3	34.1	440
458627		10.10	17.55	0.11	2.9	0.052	2.24	29.0	38.5	0.88	4540	4.23	1.08	8.1	32.8	480
458628		42.8	2.06	0.12	0.3	0.032	0.13	2.5	1.4	0.04	108	5.02	0.07	0.6	2.7	980
458629		14.55	10.75	0.09	1.6	0.073	1.08	20.4	9.4	0.40	487	1.89	0.34	4.0	18.5	2020
458630		0.35	0.23	<0.05	0.2	<0.005	0.01	1.1	14.1	<0.01	32	0.63	<0.01	0.9	2.4	10
458631		9.75	15.70	0.12	3.2	0.047	2.42	29.1	39.1	0.86	5070	2.27	1.21	7.4	30.9	410
458632		8.33	16.00	0.11	3.2	0.041	2.15	31.2	38.0	0.78	3970	1.60	1.17	7.8	25.3	480
458633		6.81	16.25	0.12	3.3	0.042	2.51	31.9	33.9	0.88	2870	1.30	1.48	7.5	34.8	550
458634		5.39	16.50	0.12	3.5	0.035	2.64	32.5	26.4	0.89	2110	1.26	1.88	8.2	30.7	450
458635		7.02	18.15	0.10	3.5	0.039	2.23	26.8	27.4	0.69	2160	1.80	1.27	8.1	18.5	420
458636		7.30	16.45	0.13	3.9	0.042	2.37	38.4	34.8	0.78	3650	1.67	1.42	7.8	30.4	390
458637		7.67	18.00	0.13	3.1	0.046	2.62	33.2	39.0	0.95	3790	2.13	1.46	8.3	35.7	430
458638		8.58	16.25	0.11	3.3	0.042	2.18	31.1	35.7	0.82	3680	1.58	1.33	7.3	24.1	430
458639		9.05	15.45	0.11	2.8	0.042	2.12	26.6	38.6	0.89	5230	1.35	1.15	7.4	30.6	380
458640		9.76	17.75	0.11	2.4	0.046	2.34	25.1	53.3	0.87	5310	1.44	0.96	8.1	31.2	390

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201541

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458601		41.5	86.2	0.002	0.06	1.39	8.8	3	1.1	69.0	0.42	0.60	6.37	0.225	0.77	2.6
458602		24.1	53.1	0.003	0.59	0.37	3.5	2	0.6	78.7	0.25	0.63	3.33	0.153	0.44	2.1
458603		22.2	112.0	<0.002	0.03	0.69	9.5	1	1.1	182.5	0.49	0.33	10.00	0.253	0.53	2.3
458604		13.1	134.0	<0.002	0.02	0.26	8.8	1	1.1	100.5	0.49	0.07	7.66	0.262	0.47	1.8
458605		49.8	85.5	<0.002	0.14	1.12	8.5	2	1.1	170.0	0.46	0.48	6.87	0.242	0.76	1.9
458606		4.4	7.7	<0.002	0.03	0.21	1.6	1	0.2	18.6	0.09	0.07	1.01	0.045	0.17	0.6
458607		4.0	6.1	<0.002	0.06	0.16	1.9	1	0.3	19.1	0.16	0.09	1.07	0.067	0.06	0.5
458608		33.1	81.3	<0.002	0.03	0.14	12.2	1	1.0	57.2	0.35	0.06	5.22	0.282	0.32	2.2
458609		9.2	118.0	<0.002	0.03	0.18	10.2	1	1.0	62.1	0.43	0.07	7.05	0.283	0.49	1.8
458610		7.0	27.5	<0.002	0.01	0.23	4.9	<1	1.4	76.1	0.45	<0.05	7.30	0.154	0.28	1.1
458611		78.1	61.8	0.003	0.06	0.24	28.6	1	0.7	111.0	0.31	0.08	3.49	0.549	0.34	3.1
458612		23.5	111.5	<0.002	0.03	0.22	13.8	1	1.0	102.5	0.50	0.08	7.41	0.361	0.54	1.6
458613		4.6	2.6	<0.002	0.09	0.12	0.6	1	0.2	42.9	<0.05	0.13	0.37	0.011	0.03	0.4
458614		6.0	9.1	<0.002	0.04	0.17	2.2	1	0.4	45.7	0.17	0.08	1.68	0.065	0.10	0.8
458615		20.1	39.1	0.002	0.05	0.82	47.4	2	2.4	30.2	0.96	0.10	14.10	0.765	0.24	2.4
458616		14.7	51.7	<0.002	0.02	0.35	7.4	1	1.1	81.1	0.40	0.26	6.13	0.208	0.33	2.3
458617		13.1	87.7	<0.002	0.01	0.24	8.0	<1	1.0	222	0.48	0.07	5.67	0.278	0.41	1.2
458618		23.8	86.6	<0.002	0.04	0.36	8.2	1	1.0	103.5	0.48	0.18	7.18	0.252	0.50	2.5
458619		6.0	4.8	<0.002	0.05	0.14	0.9	1	0.2	21.5	0.05	0.26	0.55	0.016	0.05	0.4
458620		16.7	98.5	<0.002	0.02	0.20	8.2	1	0.9	203	0.47	0.08	7.78	0.254	0.44	2.0
458621		13.5	111.5	<0.002	0.26	0.40	9.0	2	1.1	93.6	0.66	0.17	6.71	0.278	0.91	2.8
458622		14.0	42.6	<0.002	0.04	0.29	6.8	2	1.5	126.0	0.40	0.19	5.86	0.203	0.61	2.4
458623		20.0	78.8	<0.002	0.02	0.35	8.8	1	1.0	150.5	0.41	0.20	6.01	0.240	0.56	2.0
458624		14.3	55.6	<0.002	0.03	0.20	5.8	1	0.8	53.9	0.27	0.20	3.92	0.154	0.32	1.0
458625		20.3	109.5	<0.002	0.04	0.25	9.9	1	1.0	133.5	0.46	0.16	6.55	0.273	0.47	2.4
458626		18.0	107.0	<0.002	0.06	0.24	12.4	1	1.1	171.5	0.50	0.12	6.90	0.310	0.47	2.1
458627		25.7	115.0	<0.002	0.03	1.86	14.6	3	1.5	120.0	0.55	0.32	6.80	0.317	0.69	1.8
458628		16.7	5.5	<0.002	1.30	0.12	1.5	3	0.2	5.2	<0.05	0.30	2.72	0.024	0.04	5.2
458629		59.7	46.0	0.003	0.14	0.25	7.2	3	0.8	36.2	0.25	0.17	21.6	0.134	0.50	15.9
458630		0.7	0.4	<0.002	<0.01	0.17	0.2	<1	0.5	0.5	0.06	<0.05	0.66	0.030	<0.02	0.1
458631		29.9	112.0	<0.002	0.02	0.63	12.0	2	1.1	127.5	0.55	0.49	7.62	0.312	0.50	2.1
458632		14.6	106.5	<0.002	0.02	0.23	9.8	1	1.0	127.0	0.54	0.11	8.17	0.294	0.43	1.9
458633		27.7	103.0	<0.002	0.01	0.23	13.5	1	1.1	184.0	0.53	0.09	7.25	0.342	0.48	1.9
458634		16.8	103.5	<0.002	0.01	0.23	9.8	1	1.0	228	0.57	0.06	8.16	0.305	0.52	1.8
458635		13.8	97.5	<0.002	0.01	0.21	9.6	1	1.2	147.0	0.57	0.09	7.32	0.313	0.50	1.7
458636		21.6	105.0	<0.002	0.01	0.26	10.2	1	1.1	172.5	0.56	0.08	9.68	0.299	0.49	2.1
458637		19.1	120.0	<0.002	0.02	0.31	12.6	1	1.2	173.5	0.57	0.12	8.19	0.327	0.53	2.0
458638		22.0	99.7	<0.002	0.04	0.30	12.1	1	1.0	151.5	0.51	0.23	7.49	0.322	0.46	1.8
458639		20.9	104.0	<0.002	0.02	0.26	9.9	2	1.0	129.0	0.52	0.11	7.14	0.304	0.45	1.8
458640		16.8	130.0	<0.002	0.02	0.23	11.5	1	1.3	90.4	0.56	0.10	7.10	0.302	0.45	1.8

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Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201541

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458601		104	1.0	9.2	156	84.7
458602		52	0.4	2.6	66	100.5
458603		80	0.8	13.0	143	120.5
458604		85	1.1	7.3	184	105.5
458605		88	0.7	5.0	139	133.5
458606		23	0.3	5.9	56	17.8
458607		34	0.4	7.0	22	18.3
458608		116	0.5	10.0	76	59.6
458609		94	1.0	7.6	86	72.1
458610		44	0.2	7.6	66	80.4
458611		247	0.6	10.1	105	90.6
458612		133	0.8	8.7	127	92.6
458613		15	0.2	6.2	17	8.1
458614		33	0.3	13.9	22	37.9
458615		235	1.5	10.8	44	138.5
458616		64	0.8	7.3	97	102.0
458617		60	0.7	8.3	64	131.5
458618		81	0.8	9.1	123	99.0
458619		20	0.3	14.5	62	12.3
458620		68	0.7	10.9	103	134.0
458621		123	1.1	5.4	73	112.0
458622		67	0.5	12.4	74	120.5
458623		80	0.6	12.3	219	109.5
458624		63	0.6	7.6	161	60.6
458625		81	0.8	8.2	193	121.0
458626		90	0.7	12.5	135	123.5
458627		105	0.9	8.1	117	119.0
458628		90	0.1	1.1	33	10.4
458629		76	0.8	4.4	61	65.0
458630		2	0.2	0.6	3	7.7
458631		93	0.8	8.3	141	127.0
458632		81	0.9	7.9	98	125.5
458633		97	0.8	11.4	89	131.5
458634		75	0.7	11.0	89	140.0
458635		89	0.9	6.3	59	142.0
458636		83	0.9	10.1	99	151.5
458637		95	0.9	11.0	111	124.5
458638		91	0.8	8.7	91	133.0
458639		90	0.8	7.2	124	118.0
458640		102	1.1	6.1	107	101.5

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BUREAU 200
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Finalized Date: 13- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17201541

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non- sufficient sample.
Applies to Method: ALL METHODS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
Applies to Method: LOG- 22 LOG- 23 SCR- 41 WEI- 21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au- ICP21 ME- MS61

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Finalized Date: 13- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201542

Project: KAN

P.O. No.: SOILKAN- 030

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17201542

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458641		0.22	<0.001	0.69	5.52	5.2	390	1.42	0.30	0.95	1.88	49.5	19.9	80	6.04	62.7
458642		0.27	<0.001	0.25	6.46	3.3	480	1.65	0.17	0.41	0.33	56.7	16.2	73	8.41	49.5
458643		0.21	<0.001	0.08	6.51	2.2	510	2.41	0.24	0.26	0.37	57.3	14.4	75	7.30	30.4
458644		0.20	<0.001	0.11	6.60	6.2	370	1.31	0.17	0.99	0.22	53.8	35.8	99	5.07	78.2
458645		0.24	0.001	0.10	7.06	4.4	660	1.61	0.12	0.89	0.11	64.2	11.3	62	3.91	30.1
458646		0.27	0.003	0.10	7.17	12.3	570	1.72	0.14	0.67	0.19	58.3	14.3	75	6.61	35.5
458647		0.20	<0.001	0.20	6.56	12.1	520	1.53	0.15	0.63	0.27	57.9	17.5	70	5.55	49.7
458648		0.24	0.001	0.10	6.59	6.9	460	1.58	0.16	0.50	0.15	53.3	14.0	76	7.86	30.4
458649		0.18	<0.001	0.28	6.56	2.5	420	1.54	0.17	0.38	0.09	61.0	10.2	73	5.82	19.4
458650		0.33	<0.001	0.10	6.39	29.7	450	1.34	0.19	1.18	0.16	62.6	17.0	73	5.83	83.4
458651		0.20	<0.001	0.07	6.25	11.5	540	1.29	0.17	1.18	0.12	49.1	9.8	60	1.79	19.2
458652		0.24	0.003	0.11	5.76	8.7	390	1.45	0.19	0.42	0.24	62.5	17.7	67	5.32	41.8
458653		0.20	<0.001	0.30	4.89	3.5	310	1.33	0.18	0.35	0.38	46.5	8.9	64	6.57	25.7
458654		0.36	<0.001	0.16	6.18	4.4	460	1.67	0.13	0.54	0.40	54.6	10.7	66	7.38	16.9
458655		0.07	<0.001	0.04	9.03	10.5	150	0.95	0.34	0.30	0.04	48.7	7.5	111	6.57	33.9
458656		0.31	<0.001	0.15	6.45	3.3	460	2.53	0.09	0.95	0.50	40.5	12.1	77	6.04	24.1
458657		0.37	<0.001	0.08	6.10	5.1	470	1.64	0.13	0.78	0.29	54.6	13.1	66	6.01	28.8
458658		0.30	0.001	0.19	5.90	4.5	510	1.47	0.12	0.86	0.43	46.3	10.1	60	3.69	24.4
458659		0.35	0.007	0.17	6.39	28.3	560	1.41	0.11	0.76	0.28	46.0	11.7	60	3.52	59.0
458660		0.35	0.003	0.16	6.43	12.6	430	1.66	0.20	0.51	0.40	46.4	16.1	75	7.14	34.0
458661		0.36	<0.001	0.17	5.81	21.9	510	1.39	0.09	1.07	0.31	47.9	7.6	58	3.93	19.8
458662		0.35	0.001	0.10	6.52	8.1	500	1.30	0.14	0.63	0.10	49.6	10.1	68	4.04	30.4
458663		0.38	0.001	0.05	6.40	7.7	380	1.46	0.15	0.51	0.10	46.4	13.0	84	5.51	40.1
458664		0.47	0.001	0.07	6.63	3.6	560	1.52	0.11	0.87	0.23	52.6	10.5	61	4.78	25.0
458665		0.41	<0.001	0.22	5.95	4.9	590	1.72	0.09	0.87	0.56	47.5	15.0	68	4.17	23.9
458666		0.35	0.045	0.31	4.14	9.7	270	1.56	0.72	0.20	0.09	38.6	4.4	64	2.08	74.4
458667		0.29	<0.001	0.16	6.10	6.9	380	1.78	0.18	0.35	0.75	54.2	17.2	79	5.70	36.4
458668		0.34	<0.001	0.16	5.95	5.5	410	1.69	0.12	0.26	0.44	49.9	15.4	69	6.54	19.5
458669		0.42	0.003	0.08	6.42	6.7	520	1.56	0.13	0.69	0.36	59.4	14.1	62	4.22	43.9
458670		0.07	<0.001	0.01	0.10	0.9	<10	0.05	0.01	0.01	<0.02	2.13	0.4	5	0.10	4.8
458671		0.25	0.002	0.08	6.76	12.6	530	1.73	0.16	0.33	0.09	54.1	7.8	76	5.03	46.8
458672		0.21	<0.001	0.21	0.35	12.2	30	0.08	0.02	0.04	0.03	2.90	0.8	10	0.26	145.0
458673		0.21	0.002	0.12	6.96	3.9	580	1.80	0.15	0.65	0.27	63.2	15.1	64	5.52	30.3
458674		0.20	<0.001	0.15	6.54	2.4	580	1.47	0.19	0.66	0.15	49.1	7.8	56	4.17	24.5
458675		0.20	0.001	0.11	6.72	3.0	530	1.66	0.19	0.58	0.15	60.9	15.0	66	5.39	29.0
458676		0.25	0.001	0.10	6.87	3.3	640	1.61	0.19	0.87	0.13	58.4	11.2	54	3.28	29.6
458677		0.18	0.001	0.13	6.95	3.6	510	1.82	0.19	0.56	0.22	61.2	16.3	71	7.21	37.2
458678		0.17	<0.001	0.19	5.82	2.6	430	1.55	0.23	0.89	0.18	46.5	12.5	63	5.18	36.5
458679		0.21	0.003	0.05	1.81	2.1	80	0.60	0.10	0.08	0.13	29.6	5.9	31	0.53	9.5
458680		0.16	<0.001	0.04	2.21	2.3	150	0.45	0.07	0.18	0.11	30.5	4.2	34	0.40	5.6

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201542

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458641		7.95	13.35	0.08	2.5	0.036	1.64	31.1	27.3	0.90	4710	1.46	0.95	6.2	102.0	1330
458642		9.33	16.55	0.10	3.0	0.043	2.38	29.2	34.2	0.71	6160	1.35	0.93	7.5	35.1	640
458643		11.35	15.60	0.09	2.4	0.037	2.35	30.4	47.5	0.82	9400	0.84	0.42	7.0	33.2	290
458644		8.20	16.55	0.09	2.5	0.052	1.73	24.9	37.9	1.73	3070	1.85	1.20	6.0	56.1	380
458645		5.28	16.60	0.09	4.2	0.035	2.31	34.7	29.4	0.88	1560	1.08	1.74	8.1	28.6	280
458646		7.80	17.20	0.10	3.4	0.042	2.55	30.6	40.9	0.91	3620	1.56	1.32	7.9	31.9	360
458647		8.13	15.90	0.09	3.4	0.041	2.22	30.1	37.3	0.89	4460	1.74	1.33	7.2	34.5	310
458648		8.45	17.10	0.09	3.1	0.045	2.32	29.0	37.3	0.77	3360	2.54	0.96	7.9	27.3	350
458649		7.63	17.95	0.09	3.7	0.035	1.96	31.0	27.9	0.52	1860	2.26	1.01	8.1	19.3	280
458650		8.50	15.20	0.12	3.1	0.047	1.88	29.5	38.8	0.75	1210	3.52	1.19	6.4	28.5	380
458651		4.11	15.45	0.08	3.9	0.035	1.71	22.8	20.6	0.68	755	1.10	1.80	7.5	20.9	380
458652		10.05	14.65	0.09	2.9	0.039	1.82	33.3	31.6	0.63	4990	2.58	0.85	6.9	23.7	430
458653		10.05	13.80	0.10	2.4	0.038	1.47	26.8	20.5	0.48	4180	1.78	0.55	7.4	20.9	460
458654		9.86	15.45	0.10	3.7	0.040	1.96	30.5	32.4	0.64	4090	1.74	1.02	9.6	23.0	340
458655		6.39	25.7	0.08	4.6	0.095	0.46	22.9	39.2	0.29	459	2.58	0.13	24.2	45.3	480
458656		9.38	15.85	0.08	2.8	0.033	1.98	21.0	28.6	1.48	4210	1.23	0.60	7.7	33.7	850
458657		9.67	14.05	0.09	3.4	0.036	2.23	28.0	33.9	0.67	6220	1.39	1.09	7.1	30.9	330
458658		8.35	13.85	0.08	3.1	0.034	1.78	26.2	18.5	0.61	4820	2.31	1.25	7.0	27.8	540
458659		8.14	14.15	0.10	4.0	0.054	2.31	23.9	19.3	0.58	1700	11.70	1.55	6.5	29.5	690
458660		11.00	15.10	0.10	3.7	0.048	2.17	24.5	31.9	0.75	5120	6.86	0.84	8.1	28.6	470
458661		7.62	12.50	0.09	3.7	0.036	2.16	24.7	21.0	0.69	2110	1.56	1.36	6.4	25.3	740
458662		8.46	15.60	0.09	3.5	0.043	2.14	24.3	21.0	0.62	2030	2.06	1.25	7.1	18.9	300
458663		11.50	14.60	0.10	2.8	0.046	1.94	23.4	27.7	0.64	2980	2.41	0.82	6.7	17.5	420
458664		7.25	15.05	0.09	3.4	0.038	2.43	28.8	34.4	0.75	3090	0.81	1.44	6.8	23.0	310
458665		9.37	13.50	0.11	2.6	0.033	2.38	25.1	28.6	0.83	6690	1.00	0.89	6.6	34.0	680
458666		23.4	12.80	0.11	2.3	0.047	1.59	20.5	9.8	0.30	1840	6.83	0.37	5.1	13.7	610
458667		12.90	14.70	0.11	2.1	0.049	2.45	26.9	37.7	0.71	8240	2.34	0.45	6.6	33.3	310
458668		10.30	14.65	0.10	2.3	0.043	2.16	25.6	34.2	0.74	7810	1.84	0.58	6.9	24.6	430
458669		8.03	14.30	0.10	3.5	0.043	2.11	30.2	28.0	0.62	3880	1.91	1.33	6.6	21.2	340
458670		0.37	0.30	<0.05	0.2	<0.005	0.01	1.0	14.5	<0.01	39	0.67	<0.01	0.9	2.6	10
458671		10.25	19.25	0.11	3.1	0.051	3.05	28.1	29.7	0.66	1550	7.19	1.00	8.5	20.5	410
458672		43.1	2.83	0.11	0.3	0.120	0.14	1.4	1.3	0.03	109	2.12	0.07	0.4	3.6	630
458673		6.94	15.65	0.11	3.3	0.036	2.78	31.9	32.4	0.76	4000	1.38	1.36	7.2	34.3	490
458674		5.37	14.95	0.09	3.7	0.033	2.48	25.9	22.3	0.55	1500	1.04	1.50	6.8	17.3	400
458675		8.28	15.60	0.11	3.3	0.038	2.56	31.8	31.9	0.69	5180	1.11	1.27	7.5	25.0	500
458676		4.93	15.05	0.11	3.6	0.033	2.67	30.4	25.4	0.68	1810	0.91	1.81	6.9	25.0	350
458677		7.67	16.55	0.12	3.1	0.040	2.94	31.6	43.0	0.86	3830	0.94	1.13	7.3	36.1	410
458678		7.87	13.55	0.10	2.4	0.035	2.17	26.3	32.4	0.83	4160	0.96	0.87	6.2	29.3	1100
458679		16.65	5.80	0.07	0.8	0.014	0.46	18.1	5.5	0.26	2940	2.01	0.11	3.1	24.0	2090
458680		11.90	7.39	0.06	1.7	0.014	0.53	17.4	3.5	0.21	1740	1.14	0.32	3.8	17.2	1310

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To: MINIÈRE OSISKO INC.
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CERTIFICATE OF ANALYSIS VO17201542

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458641		22.7	107.5	<0.002	0.09	0.23	13.1	1	0.9	120.0	0.46	0.10	6.73	0.256	0.50	3.2
458642		14.2	129.5	<0.002	0.05	0.23	10.1	2	1.2	100.5	0.58	0.08	8.33	0.258	0.53	5.0
458643		12.6	93.5	<0.002	0.01	0.20	9.2	1	1.3	61.2	0.56	<0.05	7.71	0.259	0.47	1.9
458644		26.6	82.7	<0.002	0.05	0.41	21.0	2	1.0	110.0	0.42	0.07	6.30	0.353	0.63	2.2
458645		16.5	94.0	<0.002	0.01	0.26	11.0	1	1.1	221	0.63	0.08	8.69	0.298	0.57	1.9
458646		20.4	114.5	<0.002	0.01	0.43	11.2	1	1.2	164.0	0.59	0.22	8.38	0.303	0.54	1.9
458647		24.0	101.0	<0.002	0.01	0.41	11.3	1	1.1	160.5	0.53	0.25	7.62	0.292	0.50	1.7
458648		19.6	111.5	<0.002	0.02	0.35	10.5	2	1.2	114.0	0.59	0.10	8.02	0.296	0.54	2.3
458649		15.2	90.7	<0.002	0.03	0.21	10.2	1	1.3	106.0	0.61	0.05	8.64	0.289	0.60	1.9
458650		19.6	83.0	<0.002	0.04	0.70	10.9	2	0.9	145.5	0.47	0.11	7.07	0.243	0.92	4.4
458651		17.2	64.9	<0.002	0.03	0.32	8.3	1	1.1	227	0.59	<0.05	6.42	0.278	0.46	1.4
458652		23.8	86.6	<0.002	0.07	0.39	9.3	1	1.0	103.0	0.49	0.13	7.24	0.243	0.49	2.6
458653		17.0	79.9	<0.002	0.04	0.25	8.0	1	1.0	66.5	0.51	0.08	6.22	0.250	0.35	1.7
458654		13.4	99.8	<0.002	0.02	0.20	8.8	1	1.1	136.5	0.65	<0.05	7.18	0.280	0.49	1.9
458655		23.3	60.2	<0.002	0.05	0.67	13.6	3	4.0	48.2	1.69	0.05	15.25	0.974	0.34	2.8
458656		9.7	92.8	<0.002	0.05	0.16	9.6	1	1.1	89.6	0.55	<0.05	7.33	0.285	0.31	1.9
458657		13.4	106.5	<0.002	0.02	0.35	8.6	1	0.9	141.5	0.50	0.06	7.03	0.255	0.40	2.1
458658		16.6	70.9	<0.002	0.02	0.17	8.4	1	0.9	167.5	0.47	0.06	5.93	0.239	0.43	2.4
458659		24.2	84.7	<0.002	0.02	0.54	8.2	3	1.0	194.0	0.44	0.09	6.50	0.257	0.70	2.9
458660		15.5	107.0	<0.002	0.03	0.38	9.4	2	1.0	108.0	0.55	0.10	6.79	0.280	0.55	2.7
458661		12.0	95.1	<0.002	0.05	0.56	8.2	1	0.9	181.5	0.44	0.06	6.44	0.241	0.36	1.6
458662		18.0	82.2	<0.002	0.02	0.28	9.1	1	1.0	157.0	0.49	0.10	6.49	0.282	0.44	2.0
458663		20.3	81.3	<0.002	0.03	0.32	9.8	2	1.0	98.7	0.48	0.14	6.59	0.270	0.46	1.7
458664		13.0	107.5	<0.002	0.01	0.18	9.5	1	1.0	187.5	0.48	<0.05	6.85	0.285	0.41	1.5
458665		9.9	90.0	<0.002	0.03	0.16	8.7	1	0.8	123.5	0.46	0.06	6.99	0.244	0.35	1.8
458666		73.1	51.6	<0.002	0.11	1.01	7.6	6	1.2	44.0	0.32	2.18	3.76	0.201	0.70	1.7
458667		20.0	101.5	<0.002	0.03	0.35	9.8	1	1.1	50.4	0.45	0.25	6.66	0.257	0.49	2.0
458668		17.7	102.5	<0.002	0.02	0.23	9.0	1	1.1	66.7	0.46	0.11	6.71	0.260	0.46	1.8
458669		17.4	91.4	<0.002	0.02	0.31	9.3	1	1.0	173.0	0.48	0.10	8.01	0.253	0.47	2.3
458670		0.7	0.5	<0.002	<0.01	0.18	0.2	<1	0.5	0.7	0.07	<0.05	0.63	0.031	<0.02	0.1
458671		21.1	121.5	<0.002	0.16	0.68	10.0	2	1.4	107.0	0.58	0.14	9.65	0.301	0.85	2.8
458672		7.6	4.9	<0.002	1.26	0.22	0.8	4	<0.2	6.6	<0.05	0.61	2.37	0.018	0.05	1.0
458673		21.2	123.5	<0.002	0.03	0.21	9.0	1	1.1	164.0	0.51	0.06	8.56	0.283	0.55	1.9
458674		22.8	118.0	<0.002	0.02	0.16	7.5	1	1.0	183.0	0.48	0.07	7.25	0.262	0.47	1.7
458675		64.5	113.0	<0.002	0.02	0.18	8.6	1	1.4	158.0	0.53	0.07	7.88	0.280	0.45	1.7
458676		23.0	103.5	<0.002	0.01	0.20	8.5	1	1.0	228	0.50	0.06	7.56	0.266	0.48	1.7
458677		22.8	135.0	<0.002	0.01	0.19	10.0	1	1.2	128.5	0.53	<0.05	9.20	0.284	0.59	2.1
458678		16.8	100.5	<0.002	0.05	0.16	9.0	1	1.0	134.0	0.42	0.06	6.83	0.231	0.39	2.3
458679		5.4	18.4	<0.002	0.03	0.11	2.3	1	0.4	20.4	0.18	0.05	2.58	0.098	0.10	2.4
458680		6.8	17.8	<0.002	0.02	0.11	2.8	<1	0.5	43.7	0.23	<0.05	2.70	0.138	0.12	1.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201542

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458641		100	0.8	10.9	257	95.6
458642		84	1.1	7.2	90	109.0
458643		77	1.3	8.4	52	84.6
458644		168	0.7	11.9	83	92.1
458645		81	0.8	13.2	72	149.0
458646		91	1.0	8.7	103	123.0
458647		88	0.9	8.8	113	125.5
458648		99	1.1	7.4	91	114.5
458649		100	1.2	6.6	43	135.5
458650		119	0.8	9.5	62	112.5
458651		73	0.6	8.7	42	143.0
458652		81	0.9	9.1	126	105.5
458653		92	0.9	6.9	121	92.4
458654		88	0.9	9.9	107	138.5
458655		151	2.4	12.2	44	172.5
458656		77	0.9	8.8	188	110.0
458657		75	0.8	10.3	112	139.5
458658		76	0.7	9.8	78	122.5
458659		107	0.8	7.0	215	164.5
458660		110	1.0	7.4	236	148.0
458661		70	0.6	8.4	269	143.5
458662		84	0.8	6.9	97	139.0
458663		88	0.9	7.2	90	110.5
458664		79	0.7	10.6	109	133.5
458665		71	0.6	12.9	131	104.5
458666		99	1.2	4.6	66	96.6
458667		91	1.1	7.5	158	85.7
458668		82	0.9	8.3	148	90.0
458669		72	0.7	9.2	154	137.5
458670		2	0.2	0.6	3	7.9
458671		147	1.1	6.1	115	126.0
458672		16	0.1	0.5	63	12.1
458673		75	0.8	9.4	103	130.0
458674		64	0.7	6.0	56	141.0
458675		76	0.8	9.0	71	129.5
458676		64	0.6	10.9	73	146.0
458677		77	0.9	9.1	97	125.5
458678		70	0.8	10.0	63	96.7
458679		40	0.4	2.9	38	36.9
458680		48	0.4	2.9	30	69.7

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201542

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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CERTIFICATE VO17201545

Project: KAN

P.O. No.: SOILKAN- 031

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17201545

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458681		0.14	<0.001	0.04	0.59	5.5	90	0.59	0.03	1.31	0.19	22.0	3.5	10	0.34	4.3
458682		0.12	0.027	0.13	0.46	1.0	40	0.38	0.03	0.51	0.37	15.75	4.5	9	0.10	10.2
458683		0.09	0.003	0.07	0.72	15.1	70	1.08	0.05	1.60	0.24	22.0	3.9	12	0.27	6.8
458684		0.20	<0.001	0.12	7.12	1.9	540	1.82	0.15	0.83	0.17	74.2	16.9	68	5.29	29.1
458685		0.18	<0.001	0.12	4.88	4.4	380	1.46	0.12	1.51	0.16	48.9	12.5	57	3.01	31.0
458686		0.21	<0.001	0.10	6.55	2.0	570	1.58	0.10	1.06	0.15	63.0	10.0	59	3.71	18.5
458687		0.24	0.004	0.03	0.28	3.2	30	0.69	0.02	1.10	0.11	18.65	3.4	7	0.10	3.3
458688		0.22	0.031	0.11	2.10	2.9	120	1.70	0.10	0.21	0.41	28.3	9.2	45	0.59	19.7
458689		0.19	0.077	0.24	5.52	4.9	450	1.46	0.11	1.02	0.50	55.6	9.7	69	2.67	38.6
458690		0.27	<0.001	0.09	7.02	1.4	680	1.34	0.08	0.99	0.12	56.1	5.2	61	2.69	10.2
458691		0.27	0.043	0.05	8.94	0.6	550	2.39	0.69	0.09	0.05	90.9	21.4	82	3.93	111.0
458692		0.20	0.010	0.22	5.28	3.3	400	1.46	0.13	0.77	0.36	45.7	12.9	56	4.69	31.5
458693		0.32	0.003	0.09	7.35	3.1	580	1.81	0.15	0.68	0.14	59.1	15.2	69	5.01	26.8
458694		0.22	0.001	0.20	6.82	7.4	600	1.54	0.15	0.65	0.12	62.8	10.6	62	3.53	40.4
458695		0.07	0.025	0.15	8.22	14.4	190	0.74	0.29	0.18	0.02	36.5	29.7	543	3.56	368
458696		0.28	<0.001	0.67	7.40	3.7	460	1.73	0.11	0.54	0.10	44.9	20.1	87	5.43	14.0
458697		0.38	<0.001	0.10	6.76	3.4	530	1.64	0.12	0.97	0.33	48.9	17.8	69	5.40	122.5
458698		0.33	<0.001	0.11	6.26	3.7	480	1.26	0.10	0.75	0.11	41.4	9.4	69	5.02	30.4
458699		0.28	<0.001	0.07	6.24	3.8	510	1.07	0.11	0.78	0.14	45.8	7.2	61	3.24	37.2
458700		0.29	0.007	0.04	6.72	4.5	520	1.55	0.12	0.79	0.24	52.4	18.2	73	5.49	90.3
458701		0.15	0.001	0.04	6.77	3.6	630	1.32	0.09	0.96	0.07	53.6	18.9	74	3.77	53.4
458702		0.23	0.012	0.46	7.42	3.1	630	1.77	0.35	0.90	0.15	65.3	20.7	77	4.13	47.7
458703		0.25	0.008	0.06	7.22	3.2	660	1.49	0.08	1.15	0.08	55.9	15.0	65	2.21	52.6
458704		0.21	<0.001	0.16	6.35	2.3	610	1.38	0.09	1.39	0.48	48.5	9.8	55	3.54	29.7
458705		0.20	0.001	0.05	7.74	3.9	730	1.61	0.09	1.14	0.06	57.7	10.4	69	2.51	24.1
458706		0.13	0.002	0.15	6.48	2.5	570	1.58	0.10	1.35	0.22	59.2	14.1	65	4.12	26.5
458707		0.17	0.002	0.16	6.61	3.1	590	1.53	0.13	1.08	0.21	55.4	16.9	60	3.95	44.7
458708		0.18	<0.001	0.12	6.58	4.1	570	1.66	0.21	0.89	0.12	52.8	9.0	63	4.55	19.8
458709		0.20	<0.001	0.09	7.42	5.0	710	1.60	0.09	1.15	0.16	65.9	11.2	66	2.73	21.8
458710		0.07	<0.001	<0.01	0.09	0.6	<10	<0.05	0.01	0.01	<0.02	1.77	0.4	6	0.09	4.5
458711		0.23	0.006	0.06	6.82	2.5	660	1.44	0.09	0.99	0.07	50.3	8.3	55	3.13	17.8
458712		0.27	0.001	0.16	6.58	2.0	580	1.63	0.11	0.87	0.12	54.7	8.5	62	4.95	19.7
458713		0.12	0.004	0.07	0.57	92.3	50	0.76	0.09	0.41	0.07	12.65	3.8	10	0.70	16.6
458714		0.22	0.003	0.14	7.04	3.3	620	1.87	0.11	1.09	0.14	59.4	9.9	65	4.52	28.7
458715		0.22	0.006	0.10	7.15	3.2	650	1.79	0.10	0.98	0.15	66.4	12.0	63	4.12	21.6
458716		0.26	0.004	0.08	7.24	4.7	700	1.60	0.08	1.21	0.11	59.5	10.4	60	2.69	24.7
458717		0.17	0.001	0.09	6.80	3.1	640	1.48	0.08	1.21	0.09	50.4	7.3	54	2.13	14.1
458718		0.26	0.002	0.10	6.94	3.0	620	1.54	0.10	0.96	0.17	52.5	8.3	60	3.48	17.2
458719		0.26	0.002	0.08	6.91	3.3	640	1.58	0.09	1.03	0.08	49.2	8.5	61	3.67	14.2
458720		0.33	0.007	0.22	7.01	8.2	690	1.70	0.11	1.23	1.17	66.6	15.7	56	3.07	55.0

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201545

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458681		22.2	1.81	0.09	0.3	0.009	0.14	13.9	3.2	0.53	6800	0.86	0.15	1.4	5.5	710
458682		21.4	1.97	0.07	0.3	0.010	0.09	9.9	1.4	0.36	4820	0.36	0.10	2.0	8.2	660
458683		20.9	2.02	0.07	0.4	0.009	0.17	13.6	2.6	0.68	4880	1.05	0.18	1.7	6.7	750
458684		5.08	17.05	0.13	3.6	0.037	3.12	37.4	45.2	0.86	1250	1.18	1.03	8.1	32.9	420
458685		8.68	11.45	0.11	2.2	0.030	1.89	25.2	22.3	0.81	3250	0.92	0.80	6.1	28.8	870
458686		5.97	15.00	0.11	3.8	0.029	2.42	33.1	27.9	0.76	2080	0.75	1.47	6.9	26.1	350
458687		29.9	1.41	0.09	0.2	0.006	0.05	11.5	3.3	0.64	7380	0.76	0.04	1.0	4.7	470
458688		27.6	7.21	0.19	1.6	0.030	0.47	19.9	9.2	0.53	15550	1.43	0.28	10.3	19.6	990
458689		8.44	12.75	0.11	2.9	0.032	2.08	30.4	21.4	0.76	3480	1.77	1.10	7.7	40.0	1010
458690		3.05	16.45	0.10	4.2	0.031	2.61	29.4	22.7	0.72	362	0.88	1.75	6.9	16.6	480
458691		6.97	21.9	0.17	3.7	0.055	4.99	48.8	52.8	0.75	466	1.78	0.07	14.8	49.8	390
458692		7.05	11.25	0.10	2.3	0.030	2.12	26.1	28.7	0.64	4000	1.77	0.77	5.4	32.0	720
458693		6.27	15.95	0.11	3.8	0.035	2.75	32.1	38.6	0.76	3050	1.11	1.42	7.1	28.0	410
458694		5.99	15.05	0.11	3.7	0.039	2.52	30.3	27.9	0.67	1540	2.49	1.44	7.1	21.8	470
458695		14.45	19.70	0.08	3.9	0.092	0.41	17.3	22.9	0.22	483	2.40	0.10	14.8	233	420
458696		7.79	15.70	0.09	3.2	0.043	2.10	23.9	49.2	1.84	1730	1.48	1.13	7.2	53.3	410
458697		7.28	14.90	0.11	3.1	0.042	2.33	26.6	36.8	0.93	4360	0.96	1.31	6.6	30.8	440
458698		7.14	14.15	0.10	3.0	0.036	1.72	22.3	27.5	0.83	2480	0.87	1.31	7.7	20.6	440
458699		5.39	16.05	0.08	3.9	0.038	1.85	23.4	16.9	0.72	959	1.15	1.37	6.9	15.2	370
458700		7.81	14.50	0.10	3.0	0.038	1.94	27.4	37.4	0.89	4930	0.78	1.22	6.3	28.0	370
458701		5.54	14.90	0.10	3.8	0.035	2.31	24.8	25.4	0.76	2580	1.33	1.91	7.3	26.6	270
458702		6.47	15.45	0.11	3.8	0.038	2.32	31.8	32.1	0.86	3150	1.78	1.79	8.0	37.8	440
458703		5.25	15.10	0.10	3.7	0.045	2.18	29.1	23.9	1.02	1700	1.02	2.05	7.1	29.5	510
458704		4.89	13.15	0.10	3.2	0.035	2.06	26.4	26.3	0.70	4020	1.12	1.64	5.9	26.9	970
458705		4.74	16.30	0.10	4.2	0.041	2.56	30.5	25.2	0.94	1210	1.15	2.13	8.4	26.0	400
458706		6.21	14.00	0.11	3.4	0.034	2.33	30.6	26.5	0.82	3940	1.29	1.60	6.9	28.5	930
458707		7.58	14.50	0.12	3.8	0.037	2.31	28.4	25.6	0.79	4030	1.18	1.76	6.9	33.6	650
458708		6.58	14.40	0.11	3.8	0.036	2.26	29.4	29.8	0.76	2820	1.38	1.55	7.0	22.3	490
458709		4.95	16.25	0.12	3.9	0.038	2.56	32.9	25.5	0.86	1860	1.44	2.07	8.2	27.4	530
458710		0.34	0.22	<0.05	0.2	<0.005	0.01	0.9	14.3	<0.01	32	0.67	<0.01	0.9	2.5	10
458711		4.81	14.40	0.10	3.8	0.034	2.38	27.7	21.9	0.68	1870	0.76	1.98	7.1	19.3	420
458712		6.04	14.45	0.12	3.5	0.035	2.35	30.5	24.5	0.64	3150	0.76	1.59	6.7	21.7	660
458713		13.25	1.78	0.06	0.3	0.018	0.21	6.6	2.8	0.31	8560	0.79	0.11	1.2	8.7	290
458714		6.43	15.35	0.11	3.6	0.043	2.76	31.4	33.1	0.85	2720	0.96	1.76	7.5	25.7	750
458715		5.82	15.05	0.11	4.0	0.036	2.56	31.9	32.0	0.73	3410	1.07	1.82	7.0	25.7	560
458716		4.95	15.50	0.12	3.9	0.039	2.42	33.3	24.2	0.86	1660	1.38	2.13	7.5	24.5	460
458717		4.82	14.30	0.10	3.9	0.032	2.09	27.7	25.7	0.73	1420	0.98	1.99	7.1	18.8	370
458718		4.94	15.30	0.10	3.9	0.036	2.21	27.2	25.7	0.67	1420	1.65	1.78	7.1	16.9	510
458719		4.88	15.00	0.10	4.0	0.034	2.34	25.7	28.7	0.78	1670	1.19	1.84	7.3	18.5	610
458720		5.96	14.60	0.12	4.2	0.046	2.46	32.6	24.0	0.71	2820	5.55	2.07	7.5	42.3	670

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Project: KAN

CERTIFICATE OF ANALYSIS VO17201545

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458681		4.1	5.4	<0.002	0.07	0.10	0.9	1	0.2	33.6	0.07	<0.05	0.77	0.028	0.05	0.3
458682		2.9	3.0	<0.002	0.04	0.07	0.8	1	<0.2	22.0	0.10	0.08	0.54	0.030	0.03	0.2
458683		4.4	6.3	<0.002	0.06	0.13	1.1	1	0.2	41.7	0.09	0.07	1.01	0.035	0.05	0.5
458684		27.9	127.5	<0.002	0.03	0.18	9.0	1	1.2	122.5	0.56	0.08	10.85	0.284	0.53	2.3
458685		11.8	79.1	<0.002	0.07	0.14	6.7	1	0.8	114.5	0.40	0.09	6.44	0.194	0.31	1.2
458686		18.2	95.9	<0.002	0.02	0.15	8.3	1	1.0	188.5	0.49	0.05	7.91	0.255	0.44	1.6
458687		2.4	1.8	<0.002	0.05	0.08	0.5	1	<0.2	33.1	0.05	<0.05	0.36	0.012	0.02	0.3
458688		4.6	16.0	<0.002	0.03	0.14	6.2	2	0.5	38.0	0.55	0.11	2.16	0.200	0.09	1.3
458689		12.3	84.0	<0.002	0.05	0.17	7.7	1	0.9	165.0	0.52	0.09	7.52	0.269	0.32	2.1
458690		14.8	100.5	<0.002	0.01	0.12	8.2	<1	1.1	233	0.45	<0.05	7.21	0.271	0.47	1.4
458691		49.0	181.5	<0.002	0.01	0.25	11.8	1	1.6	26.2	0.78	0.38	13.20	0.340	0.64	2.9
458692		20.5	97.0	0.002	0.07	0.21	7.2	1	0.8	107.0	0.38	0.08	5.92	0.208	0.38	1.6
458693		21.5	121.5	<0.002	0.02	0.17	9.5	1	1.0	175.5	0.50	0.06	8.51	0.289	0.49	1.9
458694		29.2	99.4	<0.002	0.01	0.26	8.9	1	1.0	180.0	0.50	0.10	8.23	0.287	0.55	2.6
458695		19.2	41.8	<0.002	0.05	0.78	51.0	3	2.4	32.1	0.95	0.10	12.75	0.748	0.25	2.3
458696		16.8	87.1	<0.002	0.02	0.26	17.7	1	1.0	121.5	0.47	0.06	6.24	0.428	0.50	1.3
458697		13.1	110.0	<0.002	0.02	0.18	14.7	1	0.9	167.5	0.44	<0.05	6.12	0.311	0.40	1.4
458698		10.5	71.7	<0.002	0.02	0.16	10.1	1	0.9	156.0	0.50	<0.05	5.15	0.309	0.33	1.2
458699		14.3	70.9	<0.002	0.02	0.20	11.7	1	1.1	165.5	0.46	0.07	5.55	0.352	0.38	1.2
458700		13.3	89.1	<0.002	0.02	0.23	13.4	1	0.9	146.0	0.43	<0.05	6.49	0.307	0.37	1.3
458701		16.7	90.4	<0.002	0.02	0.22	11.8	1	1.0	241	0.47	<0.05	6.79	0.283	0.52	6.4
458702		101.5	93.1	<0.002	0.03	0.26	12.1	1	1.1	220	0.51	0.12	7.62	0.291	0.50	3.6
458703		15.0	80.0	<0.002	0.01	0.21	13.4	1	1.0	255	0.46	<0.05	6.35	0.333	0.45	1.3
458704		15.6	92.0	<0.002	0.05	0.17	9.4	1	0.8	220	0.38	<0.05	5.34	0.238	0.39	1.5
458705		16.0	94.2	<0.002	0.01	0.23	12.0	1	1.1	271	0.55	<0.05	7.05	0.317	0.57	1.6
458706		19.5	105.5	<0.002	0.05	0.16	9.5	1	1.0	216	0.47	<0.05	7.18	0.267	0.45	1.9
458707		19.3	105.0	<0.002	0.02	0.18	11.0	1	0.9	225	0.45	0.06	6.23	0.277	0.44	1.9
458708		20.4	100.0	<0.002	0.02	0.18	9.4	1	0.9	195.5	0.48	0.05	7.15	0.264	0.41	1.8
458709		18.9	98.8	<0.002	0.01	0.23	11.5	1	1.1	269	0.52	<0.05	7.55	0.303	0.54	1.5
458710		0.7	0.4	<0.002	<0.01	0.17	0.2	1	0.5	0.7	0.05	<0.05	0.52	0.030	<0.02	0.1
458711		16.1	93.4	<0.002	0.01	0.17	9.0	1	0.9	254	0.47	<0.05	6.53	0.268	0.44	1.4
458712		18.3	101.5	<0.002	0.02	0.15	9.1	<1	1.0	200	0.45	<0.05	6.52	0.267	0.42	1.4
458713		2.9	9.5	<0.002	0.07	0.14	0.9	1	0.2	28.3	0.05	0.17	0.66	0.024	0.06	0.4
458714		16.8	111.0	<0.002	0.01	0.20	10.2	1	1.1	228	0.53	0.05	7.42	0.291	0.51	1.8
458715		19.2	104.0	<0.002	0.02	0.18	9.3	1	1.0	232	0.48	<0.05	7.83	0.276	0.45	1.6
458716		16.3	91.5	<0.002	0.01	0.23	10.5	<1	1.0	274	0.50	<0.05	7.14	0.294	0.49	1.6
458717		13.5	73.8	<0.002	0.02	0.19	8.6	1	0.9	257	0.48	<0.05	7.40	0.275	0.43	1.3
458718		14.6	85.0	<0.002	0.02	0.16	9.2	1	1.0	227	0.49	<0.05	6.70	0.285	0.48	1.7
458719		14.3	92.3	<0.002	0.02	0.19	9.9	1	1.0	234	0.50	<0.05	7.98	0.298	0.45	1.5
458720		25.6	94.0	<0.002	0.02	0.30	9.3	1	1.0	273	0.52	0.07	7.33	0.275	0.52	4.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201545

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
458681		14	0.3	20.4	30	13.1
458682		23	0.2	6.4	31	17.1
458683		17	0.2	11.4	25	18.2
458684		66	0.9	9.4	85	142.5
458685		57	0.7	9.0	60	88.6
458686		63	0.9	10.6	60	154.5
458687		16	0.2	11.8	21	8.3
458688		94	1.0	23.8	67	72.0
458689		67	0.8	11.9	139	117.5
458690		57	0.6	9.1	36	171.0
458691		94	1.5	9.9	56	155.5
458692		57	0.7	9.0	88	87.8
458693		74	0.8	9.4	81	145.5
458694		77	0.7	8.5	100	145.5
458695		228	1.5	10.3	43	148.5
458696		138	0.7	9.4	79	124.0
458697		98	0.7	13.6	143	116.0
458698		105	0.6	6.5	53	117.0
458699		112	0.8	6.9	46	153.0
458700		102	0.7	11.3	115	119.5
458701		70	0.6	9.2	60	144.5
458702		79	0.7	12.4	69	147.0
458703		92	0.6	12.6	60	145.0
458704		63	0.5	11.3	83	121.5
458705		85	0.6	11.0	65	158.5
458706		69	0.7	12.7	81	130.0
458707		76	0.7	12.0	81	144.0
458708		72	0.7	9.8	84	156.0
458709		78	0.7	12.7	81	151.0
458710		2	0.1	0.6	3	7.8
458711		64	0.6	10.5	53	145.0
458712		64	0.7	10.8	56	139.0
458713		12	0.1	6.1	16	11.1
458714		75	0.7	12.2	83	140.5
458715		69	0.8	9.7	73	152.5
458716		79	0.6	12.9	77	151.0
458717		65	0.6	9.9	58	150.0
458718		71	0.7	9.0	53	151.5
458719		76	0.6	9.2	59	158.5
458720		78	0.7	13.9	246	164.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201545

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201551

Project: KAN

P.O. No.: SOILKAN- 034

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17201551

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458801		0.42	0.006	0.23	6.98	8.2	530	2.01	0.15	0.61	0.79	63.7	22.0	72	6.35	47.6
458802		0.27	0.002	0.26	5.98	3.9	410	1.54	0.16	0.30	0.26	52.9	10.9	69	6.93	25.1
458803		0.33	0.004	0.33	5.97	13.5	450	1.15	0.17	0.43	0.11	56.7	11.3	73	5.19	68.8
458804		0.27	0.009	0.19	6.28	21.4	480	1.60	0.17	0.42	0.13	50.5	18.8	69	4.75	80.8
458805		0.28	0.017	0.15	5.20	82.2	320	1.39	0.19	0.19	0.10	50.3	6.3	73	4.99	23.9
458806		0.23	0.002	0.05	6.96	1.1	440	3.34	0.16	0.12	0.11	57.8	19.9	89	15.55	2.6
458807		0.30	<0.001	0.11	3.71	27.5	240	2.93	0.13	0.70	0.26	35.6	12.7	50	4.11	16.7
458808		0.25	0.003	0.20	4.86	8.6	350	2.02	0.19	0.61	0.95	42.7	21.3	55	3.94	44.5
458809		0.30	0.006	0.66	5.56	16.1	390	1.35	0.17	0.35	0.29	46.7	14.2	62	4.62	50.8
458810		0.27	0.006	0.21	6.27	25.3	450	1.58	0.17	0.45	0.42	53.5	13.2	71	5.48	55.3
458811		0.24	0.006	0.55	6.34	5.2	450	1.53	0.14	0.97	1.02	53.5	25.4	64	6.49	42.6
458812		0.30	0.004	1.18	3.71	13.8	50	0.83	0.04	0.08	46.4	96.6	29.3	54	1.16	464
458813		0.33	0.001	0.13	6.80	2.5	530	2.08	0.11	0.59	0.78	58.7	19.3	75	9.25	26.0
458814		0.28	0.002	0.14	5.63	4.8	440	1.63	0.14	0.76	0.35	49.4	14.5	62	5.09	28.5
458815		0.07	<0.001	0.04	9.26	9.8	150	0.92	0.33	0.30	0.03	48.9	7.1	113	6.29	29.7
458816		0.27	0.002	0.09	6.84	3.2	540	1.65	0.12	0.64	0.23	60.9	13.6	68	5.93	27.5
458817		0.33	0.001	0.11	6.70	3.3	570	1.86	0.12	0.68	0.27	58.2	12.1	66	5.30	26.7
458818		0.29	0.005	0.27	6.22	10.5	510	1.72	0.15	0.85	0.61	48.0	15.0	60	4.79	39.0
458819		0.31	0.007	0.13	6.33	7.3	510	1.78	0.14	0.72	0.76	54.4	17.8	58	5.02	38.4
458820		0.23	0.003	0.20	6.20	6.7	490	1.92	0.14	0.69	0.62	51.8	17.7	61	5.66	36.0
458821		0.26	0.004	0.10	6.54	7.5	470	1.75	0.15	0.69	0.58	59.1	18.2	63	5.34	34.7
458822		0.25	0.003	0.30	6.54	7.9	520	1.58	0.15	0.65	0.19	43.9	15.1	65	5.18	28.3
458823		0.24	0.004	0.27	6.81	6.0	530	1.99	0.25	0.64	0.17	55.1	11.4	69	5.01	22.1
458824		0.29	0.004	0.32	6.95	9.3	550	1.82	0.19	0.74	0.26	64.3	15.9	64	3.80	38.0
458825		0.25	0.004	0.20	5.41	10.9	350	1.83	0.31	0.41	0.33	71.8	16.9	183	10.10	31.6
458826		0.23	<0.001	0.14	5.40	4.4	390	1.96	0.17	0.59	0.51	50.4	13.6	62	5.62	23.4
458827		0.26	0.003	0.45	0.78	2.6	40	0.52	0.15	5.81	0.23	18.05	5.6	10	0.81	65.7
458828		0.22	0.006	0.52	2.12	3.2	130	0.90	0.31	0.92	0.62	28.1	12.4	26	2.48	58.8
458829		0.30	<0.001	0.12	7.04	3.2	500	2.15	0.12	0.64	0.44	58.8	16.3	72	10.45	21.3
458830		0.07	<0.001	0.01	0.12	0.5	<10	0.07	0.02	0.01	<0.02	2.32	0.4	6	0.11	4.7
458831		0.23	<0.001	0.26	0.56	0.7	10	0.16	0.02	0.06	0.28	8.96	5.4	8	0.13	85.7
458832		0.30	<0.001	0.10	1.09	3.8	70	0.43	0.05	0.38	0.18	15.20	7.2	20	0.38	10.9
458833		0.23	<0.001	0.05	0.86	10.2	40	1.02	0.05	1.37	0.07	18.50	10.1	24	0.20	13.5
458834		0.37	<0.001	0.06	0.29	54.7	40	0.22	0.04	0.23	0.26	8.85	7.6	7	0.06	6.2
458835		0.23	0.005	0.52	3.34	8.5	330	1.40	0.09	1.09	1.34	43.4	32.4	36	0.91	70.8
458836		0.27	0.013	1.04	2.86	25.9	180	1.00	0.34	0.75	2.28	35.6	22.1	33	1.66	214
458837		0.18	0.002	4.71	4.41	6.6	240	1.01	0.15	0.19	0.51	74.5	9.8	55	5.78	232
458838		0.23	<0.001	0.47	4.48	4.4	160	1.57	0.08	0.19	0.95	96.2	11.9	32	2.11	294
458839		0.30	0.003	0.10	7.16	8.5	630	1.63	0.12	0.99	0.47	64.2	18.4	64	2.45	30.8
458840		0.20	0.002	0.11	6.80	11.1	500	1.74	0.22	0.79	0.20	57.6	21.3	69	3.10	27.3

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CERTIFICATE OF ANALYSIS VO17201551

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458801		8.62	16.50	0.12	2.7	0.046	2.52	35.7	46.9	0.93	7550	2.20	1.15	7.0	54.9	460
458802		9.10	15.45	0.11	2.5	0.041	2.12	29.1	28.8	0.56	4400	1.99	0.73	6.5	25.6	380
458803		9.78	15.15	0.11	3.0	0.061	2.14	27.2	22.0	0.70	3000	3.37	1.03	6.5	23.7	500
458804		11.25	14.90	0.10	2.8	0.058	2.22	23.9	27.0	0.71	3530	4.02	1.12	6.6	25.4	630
458805		15.20	13.80	0.12	2.3	0.053	1.99	26.6	22.9	0.60	1980	6.20	0.39	6.0	15.9	590
458806		16.60	18.15	0.13	2.1	0.040	3.49	30.0	78.8	1.37	10350	0.80	0.16	7.3	29.9	430
458807		10.50	10.00	0.10	1.2	0.021	1.88	19.3	41.2	0.84	5780	1.02	0.08	4.6	32.8	1130
458808		15.65	12.50	0.11	2.1	0.048	1.44	23.7	25.8	0.82	6320	1.90	0.69	5.0	42.7	1070
458809		10.90	13.80	0.11	2.5	0.050	1.66	23.0	27.5	0.62	3430	4.57	0.89	5.9	25.3	590
458810		11.05	15.15	0.11	2.7	0.053	2.20	28.3	33.1	0.67	2880	5.03	1.02	6.5	31.7	480
458811		6.09	14.20	0.11	2.2	0.042	1.88	33.2	34.0	0.88	4250	1.89	0.97	6.3	50.2	900
458812		19.05	5.11	0.20	0.4	0.246	0.21	41.8	3.4	0.06	92	1.74	0.09	0.9	147.5	1270
458813		9.95	16.70	0.11	2.5	0.048	3.14	29.0	51.2	1.06	8130	0.99	0.85	7.1	37.4	560
458814		9.34	13.50	0.11	2.8	0.036	2.09	27.0	32.9	0.81	5900	1.13	0.94	6.3	30.7	660
458815		6.42	27.1	0.10	4.4	0.094	0.47	22.3	36.8	0.30	481	2.39	0.13	24.1	44.9	500
458816		7.61	16.20	0.12	2.9	0.043	2.42	33.1	39.5	0.83	4440	1.13	1.22	7.0	26.9	370
458817		7.60	16.30	0.11	3.4	0.040	2.52	30.6	33.5	0.82	4060	1.09	1.32	7.3	26.8	430
458818		7.89	12.25	0.10	3.0	0.043	2.26	25.8	29.0	0.71	3870	4.71	1.31	6.2	33.6	630
458819		8.81	12.65	0.09	3.0	0.042	2.41	28.2	33.5	0.75	5550	2.53	1.31	6.2	35.1	510
458820		9.56	12.95	0.09	2.9	0.042	2.30	26.5	35.1	0.78	5240	1.96	1.19	7.1	31.4	500
458821		9.93	13.35	0.10	2.9	0.048	2.25	30.7	42.8	0.77	5540	2.07	1.16	6.6	30.5	470
458822		9.50	13.80	0.08	2.9	0.042	2.28	22.9	20.9	0.77	2180	2.19	1.41	7.8	21.3	500
458823		8.55	14.00	0.10	3.3	0.042	2.35	30.0	31.7	0.79	2970	2.19	1.25	7.0	19.9	560
458824		8.53	13.35	0.10	3.7	0.042	2.23	31.5	28.7	0.73	3150	2.69	1.45	6.8	25.7	610
458825		13.95	12.90	0.12	3.5	0.046	1.78	37.3	39.9	0.92	4490	4.17	0.69	21.2	46.3	610
458826		12.90	11.55	0.09	2.4	0.041	2.38	26.1	41.1	0.83	8120	1.25	0.61	5.9	26.9	600
458827		26.7	2.15	0.08	0.4	0.046	0.25	10.5	6.0	2.91	10100	0.93	0.06	1.8	16.9	430
458828		23.0	4.93	0.06	0.9	0.047	0.76	15.8	12.4	0.78	9100	0.97	0.21	2.9	22.1	640
458829		10.25	14.50	0.09	2.8	0.040	2.97	29.8	50.4	0.97	7660	1.03	1.15	7.0	30.0	410
458830		0.37	0.25	<0.05	0.2	<0.005	0.01	1.1	16.1	0.01	42	0.65	<0.01	0.9	2.9	10
458831		42.3	1.13	0.10	0.1	0.041	0.03	4.3	0.6	0.02	1380	0.17	0.03	0.2	6.9	330
458832		12.55	3.27	0.05	0.7	0.013	0.16	7.6	7.2	0.39	10550	0.76	0.15	3.1	13.2	540
458833		22.8	2.68	0.06	0.6	0.012	0.14	10.1	7.4	0.80	15450	0.57	0.04	4.6	12.3	670
458834		14.05	1.06	<0.05	0.2	0.009	0.04	4.0	2.2	0.20	8760	0.44	0.03	1.3	8.2	420
458835		15.35	6.19	0.07	1.8	0.032	0.68	22.5	15.6	0.63	16600	1.16	0.67	4.1	34.7	1640
458836		26.6	6.56	0.10	1.6	0.098	1.02	20.1	12.4	0.81	6590	8.75	0.39	3.6	105.5	560
458837		14.65	10.70	0.10	1.7	0.093	1.49	31.5	12.9	0.40	3680	2.98	0.50	4.8	22.9	970
458838		15.25	5.33	0.13	1.0	0.050	0.85	49.6	15.7	0.28	2720	1.24	0.33	2.3	23.9	1390
458839		7.57	13.70	0.08	3.3	0.042	2.23	32.0	23.9	0.81	2610	2.96	1.78	6.4	36.0	280
458840		9.82	13.70	0.08	3.0	0.048	1.95	25.7	26.7	0.78	2850	4.50	1.38	8.2	23.5	450

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201551

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458801		22.5	122.5	<0.002	0.03	0.33	11.2	2	1.0	139.0	0.52	0.21	8.19	0.291	0.49	3.1
458802		14.8	129.5	<0.002	0.02	0.22	8.8	1	1.0	75.7	0.51	0.15	8.23	0.255	0.42	2.2
458803		127.5	102.0	<0.002	0.11	0.47	12.2	2	1.0	117.0	0.47	0.33	7.95	0.291	0.56	4.3
458804		34.1	102.5	<0.002	0.10	0.65	10.1	2	1.0	130.0	0.48	0.41	7.81	0.283	0.58	2.6
458805		87.8	99.1	<0.002	0.11	3.19	8.4	6	1.1	47.8	0.39	1.78	6.01	0.213	0.75	1.6
458806		16.7	169.0	<0.002	0.02	0.12	10.5	<1	1.1	35.2	0.56	0.08	9.31	0.281	0.40	1.4
458807		6.7	119.0	<0.002	0.05	0.12	5.4	1	0.5	35.8	0.30	0.09	4.86	0.154	0.28	2.5
458808		26.2	79.9	<0.002	0.05	0.34	8.9	3	0.9	95.0	0.34	0.33	4.95	0.216	0.36	1.7
458809		28.4	80.9	<0.002	0.03	0.59	9.6	2	0.9	100.0	0.43	0.34	6.92	0.240	0.56	2.7
458810		30.3	108.5	<0.002	0.02	0.71	10.7	2	1.0	122.0	0.49	0.56	7.24	0.291	0.55	2.5
458811		19.4	118.5	<0.002	0.06	0.23	9.7	1	0.9	132.0	0.45	0.13	6.82	0.248	0.49	4.3
458812		46.0	10.0	0.022	1.43	0.35	9.0	7	0.2	10.3	0.07	0.23	6.56	0.037	1.25	71.6
458813		10.7	155.0	<0.002	0.02	0.15	11.7	1	1.1	103.0	0.53	0.07	7.49	0.320	0.56	1.9
458814		14.3	109.0	<0.002	0.04	0.21	8.7	1	0.8	123.5	0.46	0.10	6.74	0.237	0.40	1.9
458815		22.9	62.2	<0.002	0.05	0.63	13.8	3	3.6	49.6	1.60	0.08	16.45	1.035	0.32	2.8
458816		12.5	120.0	<0.002	0.01	0.20	10.7	1	1.0	155.5	0.53	0.08	8.51	0.299	0.46	1.8
458817		13.5	117.5	<0.002	0.01	0.18	10.2	1	1.0	173.0	0.52	0.07	8.16	0.297	0.44	1.8
458818		28.1	97.5	<0.002	0.03	0.32	8.8	2	0.9	167.0	0.47	0.13	6.07	0.260	0.49	3.6
458819		21.2	103.0	<0.002	0.03	0.29	9.2	1	0.9	164.0	0.52	0.14	6.29	0.272	0.46	2.6
458820		20.6	102.5	<0.002	0.02	0.26	9.6	1	0.9	151.0	0.50	0.14	6.31	0.282	0.46	2.2
458821		25.7	98.3	<0.002	0.03	0.29	11.0	2	1.0	141.5	0.50	0.18	7.97	0.298	0.44	2.4
458822		16.8	106.0	<0.002	0.03	0.32	8.6	2	1.0	171.0	0.54	0.11	6.47	0.322	0.58	2.1
458823		19.7	109.0	<0.002	0.02	0.29	9.3	2	1.0	160.5	0.52	0.21	7.00	0.283	0.52	2.1
458824		20.0	93.1	<0.002	0.02	0.36	8.8	2	1.0	187.0	0.52	0.20	8.23	0.277	0.56	2.8
458825		21.2	105.0	<0.002	0.03	0.40	9.0	2	1.2	93.3	1.53	0.23	6.90	0.605	0.52	3.2
458826		10.8	104.0	<0.002	0.04	0.21	7.4	1	0.9	87.0	0.47	0.12	6.30	0.222	0.43	1.8
458827		4.9	12.2	<0.002	0.16	0.13	1.5	1	0.4	66.7	0.11	0.21	0.84	0.032	0.18	0.6
458828		6.8	38.3	<0.002	0.09	0.19	3.4	2	0.5	41.1	0.21	0.30	2.30	0.088	0.32	1.0
458829		10.4	146.5	<0.002	0.02	0.19	9.4	1	1.1	128.5	0.55	0.07	7.76	0.281	0.51	2.1
458830		0.5	0.6	<0.002	<0.01	0.18	0.2	<1	0.5	0.8	0.06	<0.05	0.64	0.030	<0.02	0.2
458831		5.3	1.3	<0.002	1.54	0.05	1.0	2	<0.2	4.2	<0.05	0.14	1.11	0.005	0.03	3.5
458832		3.5	5.4	<0.002	0.03	0.10	2.2	1	0.3	28.5	0.19	0.05	1.04	0.079	0.08	0.7
458833		3.3	4.6	<0.002	0.06	0.12	2.3	1	0.3	22.8	0.28	0.08	0.92	0.098	0.07	0.6
458834		1.7	1.4	<0.002	0.02	0.07	0.9	1	0.3	8.7	0.07	0.09	0.33	0.030	0.05	0.2
458835		11.8	24.0	<0.002	0.08	0.18	6.5	3	0.6	102.0	0.28	0.11	3.82	0.134	0.37	2.1
458836		53.4	40.0	<0.002	0.10	1.42	4.6	7	1.0	61.4	0.24	0.57	2.91	0.105	0.64	5.7
458837		28.9	93.9	0.002	0.08	0.40	8.2	2	0.9	54.4	0.35	0.25	4.84	0.183	0.61	18.7
458838		8.9	42.4	<0.002	0.24	0.22	5.3	4	0.4	40.6	0.18	0.12	3.26	0.090	0.28	17.8
458839		22.1	78.1	<0.002	0.02	0.39	9.6	1	1.0	231	0.49	0.13	6.97	0.276	0.58	2.6
458840		32.3	74.5	<0.002	0.02	0.53	9.7	2	1.1	172.0	0.53	0.22	6.81	0.269	0.66	2.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201551

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458801		89	0.9	13.9	235	108.5
458802		82	1.0	7.0	85	104.0
458803		95	0.9	6.2	157	124.5
458804		95	0.8	6.0	187	114.0
458805		78	1.3	4.4	58	102.5
458806		77	1.9	4.9	53	82.2
458807		85	1.4	9.8	120	52.7
458808		83	0.6	7.8	416	85.9
458809		88	0.8	6.3	171	103.0
458810		97	0.8	7.5	194	115.5
458811		73	0.8	14.4	162	90.2
458812		48	0.1	44.2	905	15.2
458813		101	0.9	9.4	186	101.0
458814		72	0.8	11.4	120	106.0
458815		155	2.4	12.6	44	186.5
458816		87	0.8	11.8	125	125.5
458817		86	0.8	9.7	126	135.5
458818		82	0.8	9.4	217	122.0
458819		83	0.8	10.8	211	119.0
458820		89	0.8	11.0	181	115.5
458821		91	0.8	13.2	184	117.0
458822		93	0.7	7.3	116	117.0
458823		88	0.9	9.2	130	133.5
458824		84	0.8	9.1	177	151.5
458825		122	0.6	11.0	144	147.0
458826		69	0.9	8.7	159	98.9
458827		28	0.2	8.0	66	17.3
458828		44	0.4	8.6	111	36.8
458829		80	0.9	8.5	150	115.0
458830		3	0.2	0.6	3	7.8
458831		10	<0.1	3.7	216	3.0
458832		44	0.3	4.9	30	29.7
458833		55	0.7	9.8	18	32.7
458834		16	0.1	4.4	59	8.6
458835		42	0.4	15.8	100	75.1
458836		90	0.6	13.8	470	67.0
458837		70	0.7	11.2	161	73.7
458838		28	0.4	35.6	300	39.3
458839		89	0.7	12.7	110	134.0
458840		100	0.8	10.2	93	125.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201551

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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Finalized Date: 10- OCT- 2017
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CERTIFICATE VO17201555

Project: KAN

P.O. No.: SOILKAN- 035

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17201555

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458841		0.20	0.007	0.35	3.98	2.4	290	1.07	0.13	0.68	1.06	38.9	12.9	52	6.54	166.5
458842		0.30	0.004	0.17	6.63	7.9	530	1.54	0.12	0.68	1.15	74.5	19.5	64	4.43	38.4
458843		0.20	0.001	0.23	5.66	11.3	460	1.03	0.17	0.98	0.22	45.4	8.4	56	2.81	25.5
458844		0.38	0.004	0.29	6.10	33.4	540	1.52	0.13	0.95	1.03	55.5	17.5	65	6.49	79.6
458845		0.26	0.002	0.14	6.05	6.3	450	1.41	0.13	0.57	0.41	47.7	13.8	62	5.68	27.6
458846		0.29	0.003	0.10	6.84	3.1	490	1.60	0.13	0.60	0.30	51.3	13.5	71	8.12	24.4
458847		0.38	0.002	0.15	6.75	7.6	560	1.38	0.13	0.70	0.30	52.0	12.8	61	5.59	33.9
458848		0.34	0.001	0.08	6.84	3.1	650	1.25	0.11	0.95	0.14	50.5	7.1	45	2.49	14.8
458849		0.40	0.002	0.14	7.34	3.6	640	1.56	0.16	0.77	0.13	56.4	13.4	64	4.85	25.8
458850		0.38	0.004	0.10	5.35	4.7	480	1.58	0.14	0.65	0.15	60.7	9.9	43	2.23	23.8
458851		0.28	0.004	0.20	6.21	8.3	440	1.35	0.14	1.20	0.37	47.9	21.7	71	5.02	42.6
458852		0.13	<0.001	0.22	5.63	7.7	410	1.37	0.20	1.14	0.31	46.9	18.2	60	4.98	35.8
458853		0.27	0.004	0.07	6.18	34.9	440	1.25	0.19	0.30	0.11	47.7	6.7	69	5.79	30.5
458854		0.24	0.001	0.10	7.37	2.7	440	1.91	0.21	0.14	0.11	55.0	11.2	87	9.56	17.9
458855		0.07	0.024	0.14	8.58	13.8	190	0.77	0.32	0.19	0.03	37.4	32.6	573	3.79	383
458856		0.39	0.007	0.09	7.12	8.6	580	1.63	0.19	0.56	0.37	68.4	25.1	65	4.91	45.8
458857		0.23	0.001	0.19	5.96	5.9	420	1.33	0.15	0.45	0.29	49.3	12.8	68	10.30	24.5
458858		0.23	0.003	0.14	6.48	6.1	480	1.38	0.15	0.47	0.16	46.0	12.0	70	5.97	31.6
458859		0.23	0.016	1.09	5.44	48.5	390	1.40	0.34	0.50	0.35	58.4	8.6	66	4.14	36.4
458860		0.23	0.001	0.32	5.71	8.0	390	1.32	0.17	0.32	0.21	56.2	10.9	110	5.45	24.7
458861		0.31	0.005	0.20	5.95	8.2	440	1.17	0.17	0.28	0.06	48.6	10.6	77	7.52	41.9
458862		0.26	<0.001	0.08	1.14	4.7	90	0.94	0.11	0.30	0.18	24.0	9.8	23	0.44	34.8
458863		0.31	0.003	0.16	6.87	4.7	530	1.48	0.17	0.73	0.17	61.9	15.2	72	5.70	32.6
458864		0.26	0.001	0.18	6.09	4.3	470	1.40	0.16	1.04	0.34	52.9	16.4	66	5.35	33.5
458865		0.32	0.004	0.15	7.49	1.8	600	1.55	0.16	0.78	0.08	68.9	8.8	67	6.32	21.8
458866		0.25	<0.001	0.03	0.87	12.9	80	0.73	0.04	0.29	0.07	32.3	4.5	10	0.29	3.4
458867		0.28	0.003	0.04	0.64	1.8	40	0.52	0.05	0.83	0.15	19.65	8.1	17	0.17	9.6
458868		0.30	0.002	0.03	5.69	0.9	370	2.29	0.20	0.34	0.16	39.2	16.7	76	11.70	20.5
458869		0.37	0.001	0.06	8.90	1.0	560	2.26	0.36	0.15	0.06	52.4	14.7	103	13.20	16.8
458870		0.07	<0.001	0.01	0.10	0.8	<10	0.06	0.01	0.01	<0.02	2.12	0.4	5	0.10	4.3
458871		0.36	<0.001	0.04	6.96	3.3	540	1.35	0.11	0.92	0.09	44.9	14.9	72	3.89	38.1
458872		0.37	<0.001	0.02	7.19	6.1	440	1.35	0.15	0.63	0.07	51.6	19.6	95	9.01	84.4
458873		0.32	0.002	0.09	7.13	6.8	410	1.51	0.19	0.31	0.23	54.9	14.8	89	7.16	38.5
458874		0.33	<0.001	0.07	6.58	14.3	500	1.66	0.25	1.07	0.34	54.7	30.5	82	9.91	42.1
458875		0.38	<0.001	0.02	6.96	2.8	610	1.34	0.12	1.21	0.08	42.2	12.3	63	2.13	12.4
458876		0.37	0.001	0.02	6.94	2.6	670	1.21	0.08	1.09	0.05	36.7	9.1	48	1.92	9.3
458877		0.39	0.001	0.03	6.76	1.7	600	1.38	0.10	1.00	0.08	47.2	7.4	61	3.18	14.2
458878		0.32	<0.001	0.14	6.65	2.8	550	1.46	0.14	0.68	0.15	47.3	11.5	67	6.02	20.9
458879		0.36	0.001	0.06	6.93	6.0	540	1.09	0.14	1.43	0.15	46.3	16.7	99	3.44	37.1
458880		0.38	<0.001	0.07	6.80	6.0	510	1.51	0.13	1.12	0.11	42.0	15.8	75	3.21	33.7

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201555

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458841		15.55	10.20	0.05	1.7	0.057	1.60	18.5	23.2	1.01	5860	1.39	0.17	6.0	27.6	910
458842		8.14	14.60	0.07	3.3	0.039	2.29	40.1	28.4	0.82	5090	1.97	1.36	7.4	49.2	420
458843		8.27	13.90	<0.05	3.0	0.040	1.79	23.2	13.7	0.63	1200	5.08	1.18	6.5	17.9	410
458844		10.10	14.25	0.05	3.1	0.041	2.33	31.0	30.7	0.88	6370	3.72	1.01	6.5	87.2	600
458845		9.70	13.60	<0.05	3.0	0.039	2.13	24.5	29.4	0.65	4860	2.08	1.05	6.5	24.8	380
458846		9.33	15.75	0.05	3.4	0.038	2.65	27.2	35.0	0.72	6110	1.41	1.05	7.4	27.4	380
458847		7.50	14.65	0.08	3.8	0.038	2.54	28.3	26.1	0.70	4260	3.44	1.44	6.8	30.4	430
458848		4.92	14.75	0.08	3.9	0.030	2.36	25.6	16.4	0.59	1630	1.03	1.92	6.4	15.1	380
458849		6.09	15.80	0.09	3.4	0.035	2.50	27.7	28.8	0.79	2520	1.06	1.63	7.3	24.5	440
458850		8.46	11.50	0.12	2.8	0.029	1.84	41.7	19.5	0.63	1900	2.65	1.28	5.5	20.5	320
458851		7.19	13.55	0.09	2.5	0.039	2.07	23.5	33.6	1.33	3810	1.04	1.16	6.2	39.6	760
458852		7.61	12.50	0.09	2.4	0.033	2.00	24.1	28.7	0.92	4020	1.31	0.94	6.0	30.8	730
458853		11.55	15.40	0.11	2.7	0.042	2.25	24.3	20.0	0.52	1180	3.21	0.91	7.2	13.6	520
458854		8.76	17.75	0.11	2.6	0.040	2.83	27.7	45.1	0.75	4620	0.90	0.80	7.8	20.8	380
458855		14.85	21.3	0.08	3.7	0.094	0.44	17.7	20.6	0.24	508	2.34	0.10	14.9	236	440
458856		7.78	16.10	0.12	3.2	0.037	2.80	34.5	32.4	0.73	4350	1.68	1.34	7.3	37.8	370
458857		8.87	14.35	0.10	2.4	0.038	1.99	26.3	28.7	0.74	4240	1.50	0.87	8.6	22.1	650
458858		7.24	14.95	0.10	2.9	0.042	2.19	24.8	31.3	0.81	2780	1.30	1.14	7.1	23.2	490
458859		8.04	15.20	0.11	2.6	0.050	1.92	29.9	17.8	0.58	2100	14.60	0.69	10.1	21.2	1130
458860		7.55	14.45	0.11	3.1	0.038	1.73	28.6	29.6	0.65	2320	1.44	0.83	15.3	30.8	420
458861		10.80	16.00	0.12	2.7	0.045	2.43	23.6	25.9	0.73	2300	1.36	0.83	7.1	20.4	700
458862		16.65	2.76	0.09	0.7	0.015	0.24	12.8	4.7	0.36	8200	0.89	0.15	4.6	10.2	780
458863		6.71	16.00	0.12	3.2	0.040	2.87	31.5	36.7	1.04	2080	0.87	1.07	7.4	30.8	560
458864		7.03	13.75	0.11	2.8	0.036	2.22	27.0	30.9	0.93	4170	0.83	1.08	6.3	30.4	690
458865		5.47	17.95	0.14	3.9	0.036	2.87	36.9	35.6	0.80	1350	1.13	1.29	9.0	20.9	260
458866		15.95	2.79	0.10	0.6	0.012	0.19	17.8	2.6	0.22	3400	0.83	0.17	2.2	4.1	450
458867		22.1	1.75	0.08	0.4	0.011	0.08	10.6	3.6	0.47	10400	0.47	0.06	3.9	8.6	810
458868		12.45	14.20	0.09	1.8	0.036	2.68	20.3	49.6	0.95	7630	1.57	0.22	7.1	29.8	470
458869		8.82	25.3	0.13	3.8	0.050	4.07	23.1	57.2	0.86	2570	1.60	0.61	11.1	23.8	240
458870		0.35	0.29	<0.05	0.2	<0.005	0.01	1.0	15.2	<0.01	34	0.61	<0.01	0.9	2.6	10
458871		6.47	15.45	0.10	3.5	0.038	1.92	22.0	30.2	0.92	2260	0.62	1.57	7.0	24.1	270
458872		10.55	17.55	0.11	3.2	0.048	2.13	24.7	34.7	0.98	2880	1.71	1.18	8.3	29.7	380
458873		9.62	18.60	0.13	3.1	0.045	1.85	27.6	33.0	0.84	4210	1.74	1.03	8.5	23.3	410
458874		9.03	15.65	0.12	2.8	0.041	2.16	24.9	33.6	0.89	7340	1.28	0.84	7.3	37.9	1220
458875		5.37	13.65	0.10	3.5	0.033	2.07	20.2	20.2	0.74	1500	0.66	1.94	6.6	20.9	240
458876		3.68	15.15	0.10	4.2	0.027	2.22	17.8	15.9	0.68	831	0.54	2.07	6.3	20.4	210
458877		4.28	14.50	0.11	4.1	0.032	1.99	24.6	23.6	0.71	1060	0.49	1.84	6.6	20.7	210
458878		7.34	15.75	0.12	3.4	0.035	2.15	23.6	30.3	0.76	3960	0.74	1.37	7.6	26.7	400
458879		5.12	18.05	0.11	3.5	0.041	1.95	23.6	20.9	1.32	873	0.92	1.68	6.9	37.0	230
458880		6.65	14.65	0.11	2.9	0.048	1.90	20.2	30.3	0.95	1480	0.98	1.67	7.4	29.0	370

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201555

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458841		54.2	92.1	<0.002	0.06	0.22	6.2	1	0.9	35.1	0.45	0.12	4.75	0.195	0.38	1.6
458842		16.7	97.8	<0.002	0.02	0.32	9.2	1	0.9	173.5	0.57	0.08	9.11	0.281	0.61	2.9
458843		28.1	71.3	0.002	0.03	0.44	8.1	2	0.9	150.5	0.48	0.15	5.45	0.273	0.57	2.1
458844		19.4	134.5	<0.002	0.03	0.67	10.3	2	1.0	132.5	0.49	0.13	6.82	0.267	0.55	7.6
458845		19.8	105.5	<0.002	0.02	0.24	8.5	1	0.9	129.5	0.48	0.12	6.17	0.250	0.46	1.8
458846		22.9	127.0	<0.002	0.02	0.16	9.2	1	1.1	124.5	0.55	0.07	7.29	0.265	0.46	1.9
458847		22.5	109.0	<0.002	0.02	0.25	8.7	1	1.0	182.0	0.51	0.07	7.28	0.253	0.50	2.9
458848		17.0	89.6	<0.002	0.01	0.20	7.0	1	1.0	244	0.50	0.05	6.78	0.245	0.47	1.4
458849		18.6	110.5	<0.002	0.02	0.22	9.7	1	1.0	202	0.53	0.08	7.90	0.287	0.46	1.8
458850		23.9	71.8	<0.002	0.01	0.26	8.1	1	0.7	159.5	0.36	0.14	6.71	0.200	0.40	1.7
458851		21.5	97.8	<0.002	0.06	0.27	14.7	2	0.8	138.5	0.42	0.13	6.10	0.290	0.41	1.9
458852		27.0	104.0	<0.002	0.07	0.33	8.8	1	0.8	121.0	0.43	0.22	6.89	0.229	0.43	2.2
458853		22.9	122.0	<0.002	0.03	0.92	9.0	2	1.0	94.1	0.52	0.90	6.25	0.288	0.59	1.4
458854		14.6	151.5	<0.002	0.02	0.15	11.4	1	1.1	54.8	0.57	0.06	8.48	0.321	0.37	1.8
458855		19.0	45.4	<0.002	0.05	0.82	54.2	3	2.3	33.3	1.03	0.12	14.75	0.798	0.24	2.4
458856		34.1	121.0	<0.002	0.02	0.37	10.1	1	1.0	162.0	0.53	0.17	9.30	0.288	0.54	2.9
458857		19.1	108.0	<0.002	0.03	0.27	9.7	1	1.0	102.0	0.55	0.13	6.81	0.298	0.43	1.7
458858		17.6	114.5	<0.002	0.02	0.25	11.5	1	1.0	128.0	0.51	0.13	6.63	0.299	0.45	1.6
458859		75.6	81.9	<0.002	0.08	1.45	10.7	3	1.3	86.7	0.62	1.10	6.37	0.280	0.77	2.2
458860		14.2	87.5	<0.002	0.02	0.20	9.4	1	0.9	93.5	1.21	0.09	7.36	0.518	0.40	1.9
458861		26.6	124.0	<0.002	0.16	0.27	11.4	2	1.0	84.1	0.51	0.25	8.85	0.277	0.53	2.8
458862		5.3	10.1	<0.002	0.04	0.11	2.2	1	0.3	23.6	0.25	0.12	1.58	0.089	0.07	0.6
458863		23.6	124.5	<0.002	0.02	0.21	11.6	1	1.0	133.0	0.57	0.09	8.87	0.321	0.51	2.0
458864		30.2	106.0	<0.002	0.05	0.16	10.0	1	0.8	138.0	0.46	0.06	7.37	0.261	0.43	1.9
458865		19.5	134.5	<0.002	0.01	0.17	10.3	1	1.1	156.0	0.57	0.06	9.94	0.312	0.56	2.1
458866		5.2	6.5	<0.002	0.03	0.11	1.5	1	0.2	24.8	0.10	0.06	1.41	0.036	0.10	1.5
458867		3.9	3.6	<0.002	0.05	0.08	1.5	1	0.2	30.4	0.22	0.09	1.04	0.065	0.03	0.4
458868		4.2	141.0	<0.002	0.02	0.14	8.8	2	0.9	45.1	0.51	0.09	6.18	0.253	0.46	3.1
458869		94.9	187.0	<0.002	0.01	0.17	14.4	1	1.5	61.5	0.75	0.06	9.25	0.392	0.57	2.5
458870		0.7	0.6	<0.002	<0.01	0.17	0.2	<1	0.5	0.7	0.06	<0.05	0.63	0.031	<0.02	0.1
458871		12.7	81.4	<0.002	0.01	0.18	12.8	1	0.9	187.0	0.51	0.05	5.76	0.312	0.38	1.2
458872		14.9	110.0	<0.002	0.02	0.42	13.6	1	1.1	120.5	0.57	0.13	7.04	0.356	0.42	1.5
458873		16.3	95.2	<0.002	0.02	0.27	14.4	1	1.2	86.3	0.56	0.14	7.20	0.349	0.41	1.7
458874		14.8	151.5	<0.002	0.07	0.93	14.0	1	1.0	96.1	0.53	0.16	8.31	0.290	0.41	1.7
458875		13.3	77.5	<0.002	0.02	0.17	8.5	1	0.8	247	0.48	<0.05	5.86	0.241	0.37	1.1
458876		12.6	81.6	<0.002	0.01	0.20	7.8	1	0.9	261	0.47	<0.05	4.92	0.251	0.40	1.1
458877		10.9	86.3	<0.002	0.01	0.14	9.4	1	0.9	228	0.50	<0.05	5.55	0.272	0.39	1.2
458878		12.3	96.4	<0.002	0.01	0.17	9.3	1	1.0	168.5	0.54	0.06	6.25	0.288	0.38	1.4
458879		15.3	86.4	<0.002	0.01	0.29	14.7	1	1.0	196.5	0.49	0.05	6.30	0.373	0.45	1.4
458880		16.3	78.4	<0.002	0.02	0.23	11.1	1	0.8	201	0.50	0.05	5.81	0.330	0.36	1.3

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Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458841		68	0.7	7.1	138	61.5
458842		88	0.8	11.7	243	121.5
458843		99	0.8	6.3	81	115.0
458844		106	0.9	12.4	245	117.5
458845		81	0.7	8.1	119	109.5
458846		83	1.0	9.5	91	125.5
458847		77	0.9	9.3	142	141.0
458848		61	0.6	7.5	45	147.5
458849		78	0.7	9.0	73	135.0
458850		56	0.5	18.5	49	114.0
458851		101	0.6	10.0	103	100.5
458852		66	0.7	9.4	101	95.7
458853		93	0.9	5.1	76	108.5
458854		91	1.2	5.6	67	100.5
458855		241	1.5	10.7	45	148.5
458856		80	0.8	10.2	116	131.0
458857		107	0.7	7.7	72	96.0
458858		87	0.7	7.1	96	115.0
458859		112	1.3	7.8	91	111.0
458860		84	0.8	6.9	70	123.0
458861		86	0.8	5.0	94	108.0
458862		32	0.8	10.7	31	30.8
458863		86	0.7	9.3	102	126.5
458864		75	0.7	9.2	95	109.0
458865		84	0.8	9.8	56	154.0
458866		34	0.2	11.6	16	24.6
458867		32	0.4	10.1	18	21.5
458868		108	1.1	6.0	71	73.4
458869		121	1.5	6.2	64	153.0
458870		3	0.1	0.6	2	7.4
458871		103	0.6	8.0	54	137.5
458872		132	0.9	7.4	92	129.0
458873		124	1.0	7.6	73	123.5
458874		84	0.8	7.9	103	107.5
458875		62	0.5	8.9	36	141.0
458876		64	0.5	7.1	36	169.0
458877		68	0.6	8.9	34	161.5
458878		82	0.8	6.9	65	137.0
458879		124	0.7	10.5	52	141.5
458880		91	0.6	9.1	56	114.0

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201555

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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To: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201556

Project: KAN

P.O. No.: SOILKAN- 036

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 11- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17201556

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458881		0.31	0.006	0.03	6.80	6.1	590	1.22	0.10	1.09	0.11	38.6	13.7	68	2.34	34.3
458882		0.36	0.002	0.06	0.42	0.8	20	0.68	0.08	0.12	0.08	16.40	3.9	10	0.37	59.7
458883		0.36	0.005	0.04	6.69	5.6	620	1.05	0.11	1.16	0.07	32.4	15.4	58	2.57	9.5
458884		0.37	0.002	0.11	6.77	3.5	600	1.17	0.11	1.03	0.08	33.8	7.0	50	2.53	13.9
458885		0.39	0.001	0.17	6.96	6.2	630	1.31	0.09	1.13	0.13	45.6	7.6	56	2.06	31.1
458886		0.26	0.002	0.52	6.52	13.0	430	1.12	0.16	0.42	0.04	37.1	9.6	99	4.30	41.9
458887		0.30	0.001	0.07	6.44	12.7	400	1.14	0.10	0.92	0.20	31.8	33.6	69	2.99	76.3
458888		0.33	<0.001	0.03	6.76	6.2	510	1.28	0.09	0.99	0.13	37.1	17.4	63	2.51	26.4
458889		0.36	0.003	0.20	6.04	2.0	480	2.26	0.08	0.89	0.34	54.2	12.4	69	8.45	46.9
458890		0.40	0.123	0.02	6.81	2.9	600	1.34	0.09	0.88	0.06	38.1	9.6	64	3.54	18.1
458891		0.25	0.001	0.08	6.43	2.4	560	1.70	0.11	1.00	0.10	47.2	11.1	71	5.20	23.3
458892		0.36	0.002	0.13	4.68	2.9	460	0.80	0.32	0.58	0.05	34.2	8.4	63	3.32	117.5
458893		0.34	<0.001	0.29	6.65	2.7	630	1.12	0.08	1.30	0.09	38.2	9.8	53	3.77	32.1
458894		0.40	<0.001	0.03	7.04	2.3	610	1.50	0.13	0.85	0.15	50.9	11.7	63	3.69	18.7
458895		0.07	<0.001	0.04	9.56	10.7	160	0.90	0.33	0.31	<0.02	51.3	7.1	115	6.44	31.8
458896		0.39	0.003	0.11	4.63	4.5	260	1.76	0.09	0.54	0.51	40.9	19.3	58	6.97	35.7
458897		0.39	0.002	0.07	6.39	3.2	540	1.51	0.12	0.68	0.35	56.1	9.6	64	4.74	14.1
458898		0.30	0.001	0.04	6.90	2.9	650	1.23	0.10	1.32	0.06	47.3	7.4	55	1.61	50.8
458899		0.49	0.001	0.03	6.99	2.7	700	1.25	0.09	1.43	0.05	49.5	6.0	56	1.65	11.4
458900		0.31	0.001	0.07	6.50	2.9	630	1.20	0.09	1.33	0.06	38.8	5.6	48	1.20	21.8
458901		0.27	0.003	0.21	4.73	5.9	410	1.06	0.11	0.57	0.20	35.3	8.8	49	2.93	28.0
458902		0.39	0.006	0.15	6.48	12.4	540	1.43	0.13	0.92	0.92	53.7	17.3	64	4.72	66.0
458903		0.40	0.005	0.27	6.85	10.6	530	1.48	0.14	0.63	0.33	52.2	12.5	74	6.11	46.2
458904		0.27	0.004	0.35	6.23	8.3	480	1.20	0.12	0.80	0.37	46.8	11.8	69	4.68	39.1
458905		0.42	0.001	0.06	6.49	3.4	640	1.29	0.10	0.96	0.11	55.0	8.9	47	2.93	17.7
458906		0.27	0.006	0.28	6.00	5.1	490	1.49	0.15	0.72	0.43	53.6	12.7	68	5.06	36.3
458907		0.39	0.006	0.20	6.47	9.0	520	1.57	0.15	0.70	0.66	59.8	15.8	67	6.02	35.4
458908		0.22	0.006	0.64	5.53	4.3	440	1.25	0.14	1.04	0.53	46.2	9.3	67	6.67	25.5
458909		0.29	0.002	0.09	6.78	1.8	410	1.65	0.08	0.38	0.16	45.2	11.6	79	12.55	15.7
458910		0.07	<0.001	<0.01	0.12	0.8	<10	0.06	0.01	0.01	<0.02	2.20	0.4	6	0.12	4.8
458911		0.28	0.006	0.21	6.46	7.5	560	1.43	0.10	1.13	0.18	42.3	11.2	52	3.16	29.5
458912		0.26	0.002	0.20	5.05	5.1	480	1.04	0.11	0.78	0.25	51.4	10.1	49	1.64	38.6
458913		0.32	0.006	0.12	6.61	22.1	610	1.20	0.10	0.93	0.26	42.6	12.4	64	2.44	56.2
458914		0.27	0.005	0.29	6.16	22.4	560	1.18	0.11	0.84	0.12	38.2	7.2	60	4.12	33.7
458915		0.29	0.003	0.71	5.48	6.7	460	1.00	0.11	0.88	0.30	36.5	5.3	64	3.77	62.3
458916		0.45	0.004	0.15	6.53	8.1	620	1.23	0.07	1.19	0.27	50.0	13.9	58	2.35	41.7
458917		0.43	0.003	0.12	6.75	2.8	560	1.50	0.13	0.92	1.17	51.4	11.5	65	5.58	52.3
458918		0.23	0.004	0.16	5.78	12.5	520	1.09	0.11	1.02	0.39	45.3	8.7	54	2.38	25.1
458919		0.31	0.002	0.16	6.64	13.2	460	1.30	0.14	0.64	0.34	52.0	12.3	78	6.28	37.9
458920		0.24	0.003	0.11	6.08	14.4	480	1.03	0.13	0.88	0.18	36.4	11.0	70	3.18	24.6

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201556

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458881		5.42	14.55	0.10	3.3	0.037	2.09	18.7	20.7	1.05	1030	1.05	1.92	6.8	29.1	260
458882		28.5	2.28	0.09	0.3	0.043	0.04	10.4	0.8	0.50	4490	1.01	0.03	3.7	6.1	1010
458883		5.20	16.20	0.08	3.7	0.042	2.12	15.3	15.8	0.98	976	1.60	1.94	7.6	20.9	320
458884		5.32	14.10	0.08	3.5	0.032	2.03	16.1	15.5	0.69	797	0.70	1.99	6.3	15.4	320
458885		4.81	15.55	0.14	3.9	0.038	2.12	20.8	14.0	0.73	554	1.56	2.03	7.1	20.3	500
458886		10.05	19.35	0.13	3.1	0.059	1.80	17.7	15.6	0.96	976	3.71	1.58	6.5	20.8	650
458887		8.68	15.05	0.10	2.5	0.076	1.31	13.8	25.2	1.78	2340	1.11	1.63	6.6	38.9	580
458888		6.25	14.65	0.11	2.9	0.049	1.78	16.0	33.9	1.26	1700	1.22	1.85	6.5	27.7	380
458889		9.90	14.35	0.14	2.9	0.040	2.11	43.7	31.9	0.91	8170	1.58	0.75	6.8	24.3	1500
458890		7.52	15.35	0.11	3.6	0.036	2.12	18.5	19.4	0.96	1480	1.10	1.74	7.3	19.1	310
458891		6.69	15.90	0.12	3.7	0.038	2.06	29.2	21.7	1.08	2130	1.02	1.50	7.3	23.6	780
458892		20.4	11.70	0.12	2.9	0.044	1.75	13.9	10.7	0.64	1990	2.88	1.09	4.7	13.8	920
458893		4.23	14.85	0.13	4.1	0.039	2.10	19.3	14.4	0.97	791	0.92	2.00	6.7	19.3	650
458894		6.11	14.90	0.16	3.7	0.037	2.34	31.4	27.8	0.80	2650	0.94	1.67	7.3	22.1	250
458895		6.81	25.3	0.11	5.0	0.086	0.51	23.3	35.7	0.32	497	2.57	0.14	24.5	44.6	530
458896		17.65	10.85	0.10	1.8	0.039	1.22	21.6	33.8	1.65	11900	1.14	0.47	5.9	32.1	810
458897		8.80	14.15	0.11	4.2	0.039	2.15	31.8	28.7	0.64	3940	0.96	1.31	7.6	18.3	440
458898		3.25	14.35	0.15	4.7	0.029	2.21	22.1	13.1	0.71	363	0.50	2.33	7.3	23.2	430
458899		2.87	15.45	0.15	5.2	0.030	2.38	23.4	14.0	0.71	340	0.55	2.38	7.9	18.7	770
458900		2.68	13.45	0.14	4.7	0.025	2.02	17.9	10.2	0.54	305	0.54	2.30	6.2	15.1	380
458901		8.46	10.65	0.11	2.5	0.037	1.55	17.4	17.2	0.56	2280	4.30	1.05	5.3	22.2	500
458902		9.08	14.50	0.13	3.7	0.050	2.24	28.9	24.9	0.85	3430	7.07	1.44	6.7	50.8	480
458903		9.44	15.70	0.11	3.5	0.044	2.52	29.1	30.4	0.82	3500	3.29	1.17	7.2	33.6	560
458904		8.21	14.65	0.11	3.7	0.043	1.93	23.5	20.8	0.82	2320	4.16	1.36	6.8	29.8	490
458905		5.50	13.40	0.13	4.1	0.028	2.30	27.9	14.4	0.64	2710	0.91	1.99	6.5	18.4	270
458906		10.15	13.70	0.11	3.5	0.036	2.05	30.9	23.7	0.66	4900	2.45	1.24	6.9	34.4	580
458907		9.88	14.65	0.13	3.7	0.036	2.31	31.8	28.5	0.81	5320	2.78	1.25	7.1	35.4	420
458908		8.94	13.45	0.12	2.7	0.041	1.84	24.9	20.2	0.71	4630	4.43	0.97	7.0	29.4	940
458909		9.83	16.55	0.10	2.8	0.035	1.94	26.0	36.0	0.71	5280	1.25	1.24	7.3	25.4	520
458910		0.38	0.28	<0.05	0.3	<0.005	0.01	1.1	13.7	0.01	42	0.75	0.01	1.0	2.8	20
458911		7.67	14.45	0.11	3.7	0.053	2.05	20.6	18.8	0.75	1580	3.09	1.61	6.9	20.6	550
458912		10.45	11.25	0.12	3.0	0.033	1.62	28.7	11.4	0.57	2750	2.74	1.38	5.4	25.7	750
458913		7.82	14.40	0.11	4.1	0.049	2.10	20.2	16.0	0.88	1280	7.73	1.77	6.8	27.7	670
458914		8.11	15.30	0.12	3.7	0.048	2.01	19.1	13.3	0.64	1080	7.69	1.43	7.0	17.6	680
458915		6.36	14.85	0.11	3.5	0.042	1.61	18.1	9.3	0.57	818	3.95	1.20	7.0	18.9	380
458916		5.71	13.55	0.13	3.3	0.039	2.10	27.1	17.6	1.00	1390	2.83	1.75	6.1	34.7	520
458917		7.25	14.75	0.17	3.5	0.038	2.39	34.7	27.6	0.95	3240	1.64	1.52	6.9	41.1	1010
458918		5.55	13.65	0.12	3.4	0.039	1.75	21.0	12.0	0.65	1480	6.66	1.52	6.0	22.3	570
458919		9.69	16.90	0.11	3.2	0.045	1.83	28.7	23.5	0.71	2470	5.79	1.22	7.7	24.4	370
458920		8.72	16.70	0.10	3.3	0.040	1.74	17.5	16.5	0.80	1330	4.56	1.38	7.4	23.2	340

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CERTIFICATE OF ANALYSIS VO17201556

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458881		14.4	82.0	<0.002	0.01	0.28	10.9	1	0.9	233	0.50	<0.05	5.10	0.329	0.39	1.2
458882		2.6	1.7	<0.002	0.02	0.10	1.1	1	1.3	6.6	0.14	0.11	0.47	0.036	0.03	0.4
458883		18.4	77.1	<0.002	0.01	0.28	11.1	1	1.1	245	0.51	0.06	4.76	0.391	0.38	1.3
458884		14.5	79.5	0.002	0.02	0.20	8.3	1	0.8	249	0.47	<0.05	4.48	0.246	0.40	1.0
458885		17.6	79.1	0.002	0.02	0.11	9.9	1	1.0	256	0.54	<0.05	6.14	0.302	0.40	1.3
458886		24.0	71.1	<0.002	0.04	0.90	21.7	2	1.2	113.0	0.44	0.59	5.19	0.387	0.71	1.3
458887		16.4	51.2	<0.002	0.02	0.13	19.2	1	1.0	157.5	0.47	0.06	3.94	0.554	0.28	0.8
458888		14.1	66.8	<0.002	0.01	0.07	13.7	1	1.1	215	0.47	<0.05	4.60	0.358	0.35	1.0
458889		10.6	99.2	<0.002	0.05	0.15	10.2	<1	1.1	113.0	0.47	0.05	7.49	0.260	0.42	2.3
458890		14.9	75.5	<0.002	0.02	0.22	9.8	1	1.1	213	0.55	<0.05	5.90	0.302	0.43	1.3
458891		13.2	92.6	<0.002	0.04	0.13	12.0	1	1.1	185.0	0.52	0.06	7.31	0.298	0.38	1.6
458892		29.3	69.2	<0.002	0.42	0.22	10.6	4	0.9	135.0	0.34	0.70	5.98	0.217	0.46	2.1
458893		15.3	82.6	<0.002	0.03	<0.05	11.4	<1	1.0	249	0.50	<0.05	4.64	0.351	0.41	1.4
458894		13.8	91.4	<0.002	0.01	0.07	10.0	1	1.0	209	0.56	<0.05	7.77	0.279	0.40	1.8
458895		24.5	64.3	<0.002	0.05	0.57	13.9	3	4.2	50.5	1.69	0.06	16.45	1.040	0.33	2.8
458896		9.8	68.1	<0.002	0.05	0.25	12.7	1	1.4	57.6	0.39	0.09	4.24	0.313	0.38	1.5
458897		11.1	95.6	<0.002	0.02	<0.05	8.5	1	1.1	176.0	0.56	<0.05	7.79	0.271	0.37	1.6
458898		15.4	79.3	<0.002	0.02	<0.05	8.4	<1	0.9	284	0.51	<0.05	6.15	0.277	0.39	1.3
458899		15.4	87.9	<0.002	0.01	<0.05	8.3	<1	1.1	293	0.59	<0.05	5.73	0.292	0.40	1.1
458900		14.9	69.9	<0.002	0.02	<0.05	7.1	1	0.8	284	0.50	<0.05	4.88	0.237	0.38	1.1
458901		13.5	63.1	<0.002	0.03	0.12	6.2	1	0.8	132.0	0.36	0.09	4.91	0.194	0.34	1.9
458902		20.9	91.7	<0.002	0.03	0.26	10.4	2	1.0	181.5	0.48	0.10	7.25	0.290	0.51	3.6
458903		17.1	118.0	<0.002	0.03	0.17	10.5	2	1.2	148.0	0.54	0.17	7.68	0.288	0.54	2.6
458904		19.0	87.8	<0.002	0.03	0.17	10.5	2	1.0	165.5	0.47	0.13	6.73	0.291	0.45	2.9
458905		14.0	89.7	<0.002	0.01	0.11	7.7	<1	0.9	249	0.50	<0.05	6.66	0.245	0.43	2.1
458906		27.5	96.8	<0.002	0.03	0.09	8.7	2	1.1	157.5	0.53	0.16	7.34	0.247	0.37	2.1
458907		25.2	103.5	<0.002	0.02	0.17	9.1	2	1.1	160.5	0.52	0.15	8.91	0.261	0.49	2.4
458908		18.9	103.0	0.002	0.05	0.06	8.1	1	1.1	127.0	0.47	0.07	6.37	0.247	0.43	2.4
458909		8.7	118.0	<0.002	0.02	<0.05	9.9	1	1.1	88.9	0.52	<0.05	7.99	0.275	0.35	1.9
458910		0.6	0.6	<0.002	<0.01	0.06	0.2	<1	0.6	0.8	0.07	<0.05	0.74	0.031	<0.02	0.1
458911		36.7	75.0	<0.002	0.02	0.14	10.7	1	1.2	204	0.47	0.06	6.26	0.342	0.47	2.3
458912		15.5	59.8	<0.002	0.02	0.11	7.1	1	0.8	179.0	0.36	0.10	5.80	0.203	0.31	2.2
458913		38.5	74.6	<0.002	0.04	0.33	9.7	2	1.0	217	0.50	0.12	8.00	0.297	0.59	2.3
458914		24.4	80.5	<0.002	0.03	0.25	8.4	2	1.0	183.0	0.50	0.10	6.27	0.305	0.55	1.8
458915		19.4	60.9	<0.002	0.02	0.16	10.7	1	1.2	145.0	0.50	0.13	5.37	0.356	0.40	2.2
458916		15.5	74.5	<0.002	0.02	0.16	9.9	1	0.9	218	0.46	0.06	5.83	0.278	0.45	2.3
458917		17.5	108.0	0.002	0.04	<0.05	11.3	1	1.0	187.5	0.50	0.05	7.59	0.280	0.40	6.4
458918		22.0	65.3	<0.002	0.03	0.25	8.1	2	1.0	195.5	0.45	0.12	6.47	0.269	0.48	2.2
458919		28.0	85.5	<0.002	0.02	0.26	9.7	1	1.2	109.0	0.56	0.24	7.52	0.318	0.44	2.6
458920		26.5	69.1	<0.002	0.03	0.33	9.5	1	1.2	157.0	0.55	0.21	5.32	0.382	0.39	1.7

***** See Appendix Page for comments regarding this certificate *****

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201556

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
458881		93	0.5	8.4	72	134.5
458882		45	0.2	8.6	49	14.6
458883		128	0.6	7.9	64	150.5
458884		69	0.5	6.6	45	137.5
458885		95	0.6	8.2	55	145.5
458886		221	0.8	6.6	55	119.5
458887		184	0.6	10.7	84	97.5
458888		128	0.6	8.4	112	111.5
458889		82	1.0	18.9	73	114.0
458890		90	0.7	7.4	50	135.5
458891		97	0.8	11.6	56	141.5
458892		78	0.6	4.6	66	112.0
458893		109	0.5	10.2	57	151.0
458894		72	0.7	11.6	79	137.5
458895		164	2.4	13.4	46	185.5
458896		127	0.6	15.4	65	68.5
458897		73	0.9	9.7	119	155.0
458898		61	0.6	9.1	34	179.0
458899		60	0.6	10.0	34	187.5
458900		48	0.5	7.9	24	173.5
458901		70	0.6	6.3	108	97.2
458902		100	0.9	12.0	289	139.5
458903		98	1.0	9.4	158	130.5
458904		109	0.8	9.1	142	137.5
458905		60	0.6	8.9	69	152.5
458906		79	0.8	11.0	106	132.5
458907		81	0.9	9.5	156	138.0
458908		97	0.8	8.4	104	104.0
458909		91	1.0	7.7	68	105.0
458910		3	0.3	0.6	3	8.6
458911		99	0.7	10.9	106	139.0
458912		76	0.5	10.0	107	118.0
458913		115	0.6	8.3	135	159.0
458914		126	0.8	6.3	94	146.5
458915		127	0.9	9.2	52	133.0
458916		94	0.6	11.8	119	128.0
458917		94	0.8	12.9	337	135.0
458918		107	0.8	8.5	95	131.5
458919		123	1.1	8.9	77	127.0
458920		133	0.9	8.3	89	125.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 11- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201556

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 24- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201558

Project: KAN

P.O. No.: SOILKAN- 037

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201558

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458921		0.26	0.001	0.12	6.96	28.9	600	1.36	0.13	1.00	0.37	50.1	14.7	65	2.80	53.5
458922		0.27	0.001	0.23	6.03	49.2	480	1.29	0.17	0.71	0.66	46.6	15.9	62	5.42	34.7
458923		0.30	0.001	0.14	6.93	8.1	710	1.14	0.07	1.05	0.25	38.6	18.0	52	3.27	59.6
458924		0.26	0.002	0.16	6.66	13.7	550	1.36	0.12	0.84	0.36	49.2	15.5	61	3.49	72.2
458925		0.32	0.001	0.15	7.28	6.1	630	1.55	0.11	0.99	0.12	49.3	11.1	62	3.58	36.3
458926		0.19	<0.001	0.04	6.42	3.1	530	1.35	0.13	1.26	0.13	42.7	9.5	63	1.91	32.5
458927		0.24	<0.001	0.01	7.30	4.3	570	1.37	0.14	1.08	0.05	41.0	7.9	65	1.92	12.9
458928		0.25	0.001	0.03	7.07	2.6	600	1.51	0.11	1.22	0.08	39.0	8.5	65	1.80	11.5
458929		0.27	<0.001	0.06	6.60	1.5	620	1.38	0.10	1.19	0.09	31.9	5.0	49	1.55	5.8
458930		0.18	<0.001	0.66	2.32	13.3	130	0.25	0.11	0.31	0.14	48.2	4.4	63	0.74	181.5
458931		0.28	<0.001	0.03	6.85	1.4	680	1.16	0.09	1.56	0.04	41.9	8.8	52	1.45	10.0
458932		0.26	0.003	0.03	6.89	2.3	620	1.25	0.11	1.41	0.06	57.7	8.0	62	1.44	10.6
458933		0.31	0.003	0.04	6.71	2.3	640	1.16	0.10	1.44	0.03	33.6	6.5	50	1.83	4.3
458934		0.23	<0.001	0.03	6.99	2.3	660	1.37	0.11	1.46	0.06	39.5	9.5	70	2.19	8.6
458935		0.07	<0.001	0.15	8.92	15.4	200	0.72	0.33	0.20	0.03	40.4	33.5	578	4.06	396
458936		0.28	<0.001	0.04	6.87	4.7	650	1.17	0.08	1.77	0.06	47.8	16.7	61	1.91	23.5
458937		0.23	<0.001	0.01	7.61	3.0	630	1.26	0.10	1.26	0.06	44.4	11.1	73	1.96	11.9
458938		0.33	<0.001	0.07	6.92	2.5	660	1.24	0.09	1.58	0.05	57.8	9.0	50	1.37	22.7
458939		0.23	<0.001	0.03	6.79	1.6	610	1.14	0.09	1.55	0.05	39.9	8.1	52	1.47	91.0
458940		0.31	<0.001	0.06	7.31	9.6	330	0.70	0.09	1.69	0.16	46.3	101.0	104	1.45	106.5
458941		0.35	<0.001	0.01	7.32	2.7	660	1.26	0.11	1.31	0.05	43.5	8.0	67	1.67	8.7
458942		0.34	<0.001	0.01	7.10	2.4	640	1.36	0.11	1.40	0.06	45.7	8.5	73	1.88	12.2
458943		0.38	<0.001	0.04	7.43	2.1	660	1.43	0.10	1.45	0.08	47.6	9.4	61	1.56	10.0
458944		0.29	<0.001	0.03	6.84	3.7	550	1.12	0.10	1.33	0.06	32.9	9.9	65	1.74	23.5
458945		0.22	<0.001	0.04	6.37	3.6	540	1.04	0.14	1.21	0.08	34.6	7.2	66	1.39	18.9
458946		0.33	0.001	0.04	7.12	2.3	590	1.17	0.11	1.32	0.05	35.6	7.3	59	1.54	11.8
458947		0.33	0.001	0.05	7.20	2.3	630	1.31	0.12	1.27	0.05	39.1	6.4	69	1.73	9.1
458948		0.50	<0.001	0.01	7.29	2.8	630	1.48	0.12	1.25	0.05	69.8	13.7	84	2.02	30.1
458949		0.39	0.001	0.64	3.34	9.4	290	0.40	0.27	0.56	<0.02	16.65	2.0	45	0.96	167.0
458950		0.07	<0.001	0.01	0.09	0.8	<10	0.06	0.01	0.01	<0.02	2.35	0.4	5	0.09	4.5
458951		0.24	<0.001	0.04	6.39	5.1	480	0.95	0.11	0.96	0.07	43.0	5.0	62	1.22	19.7
458952		0.28	<0.001	0.04	6.21	3.2	660	0.89	0.09	1.44	0.08	32.4	4.3	40	0.99	95.8
458953		0.22	<0.001	0.27	5.54	1.5	650	1.70	0.08	1.74	0.76	213	8.0	36	1.54	192.0
458954		0.40	<0.001	0.03	6.90	2.5	700	1.13	0.12	1.59	0.03	43.3	6.2	46	1.12	7.7
458955		0.34	<0.001	0.03	7.77	6.8	680	1.39	0.10	1.42	0.08	68.5	14.8	52	1.52	17.8
458956		0.36	<0.001	0.07	6.82	1.9	590	1.18	0.08	1.40	0.07	64.5	23.7	43	1.60	61.2
458957		0.31	<0.001	0.03	6.02	2.8	680	1.09	0.12	0.93	0.04	36.5	3.7	50	1.55	18.6
458958		0.24	<0.001	0.09	5.67	2.0	470	0.99	0.11	0.77	0.22	26.9	10.5	50	2.23	26.1
458959		0.18	<0.001	0.14	1.00	0.6	90	0.19	0.03	0.44	0.23	18.55	1.9	8	0.17	61.6
458960		0.20	<0.001	0.14	0.98	0.4	110	0.16	0.03	0.48	0.21	19.85	2.1	7	0.18	36.8

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Finalized Date: 24- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17201558

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458921		8.95	15.55	0.12	3.7	0.048	2.16	26.4	20.5	0.84	1920	9.33	1.73	7.0	34.5	350
458922		11.00	13.95	0.11	3.0	0.073	2.10	21.6	19.7	0.64	3050	5.67	1.30	6.4	49.6	750
458923		7.35	15.15	0.10	3.2	0.055	2.31	19.7	21.1	1.09	1160	3.11	1.89	6.8	27.4	570
458924		7.51	14.70	0.12	3.3	0.045	1.95	24.6	22.0	0.77	1940	9.60	1.51	6.7	33.5	480
458925		6.32	15.55	0.12	3.7	0.036	2.28	27.4	24.0	0.88	1420	2.51	1.78	7.4	25.9	360
458926		3.79	14.95	0.10	3.5	0.035	1.76	21.8	20.2	0.74	398	0.58	1.77	8.3	24.7	400
458927		3.43	15.25	0.10	4.1	0.033	2.02	18.7	21.3	0.66	308	0.60	1.98	8.3	23.4	460
458928		3.21	15.50	0.11	3.5	0.031	2.02	18.9	20.8	0.77	316	0.45	2.10	8.8	26.6	470
458929		2.42	15.20	0.09	4.1	0.026	2.02	16.0	13.1	0.52	249	0.36	2.14	8.6	14.3	430
458930		21.6	8.46	0.14	1.8	0.105	0.51	22.3	5.4	0.34	130	4.12	0.37	4.8	27.2	1660
458931		2.63	14.70	0.08	3.7	0.026	2.11	20.7	12.6	0.72	366	0.38	2.47	8.2	21.1	590
458932		3.25	15.30	0.11	4.2	0.030	2.06	26.4	13.4	0.71	336	0.40	2.35	8.9	24.0	430
458933		3.14	16.20	0.09	4.3	0.026	2.13	16.3	11.5	0.71	334	0.54	2.42	9.2	16.8	280
458934		3.46	16.90	0.10	4.1	0.035	2.19	17.7	16.6	0.90	410	0.63	2.25	10.1	24.9	480
458935		15.45	22.8	0.11	3.9	0.096	0.44	18.5	20.9	0.25	508	2.50	0.10	16.0	244	450
458936		3.62	14.90	0.09	3.7	0.031	2.02	23.0	16.7	1.07	516	0.40	2.18	8.0	33.2	670
458937		4.04	16.40	0.09	3.4	0.033	2.07	20.5	22.7	0.95	368	0.42	2.06	8.7	27.8	260
458938		3.39	14.65	0.11	4.0	0.030	2.12	29.4	11.9	0.77	370	0.66	2.45	9.2	22.6	690
458939		3.02	15.65	0.11	4.0	0.029	1.94	22.1	15.7	0.77	304	0.56	2.34	9.3	22.9	160
458940		10.95	16.95	0.11	2.1	0.059	0.89	21.5	19.1	2.72	1560	1.02	1.67	7.7	117.5	590
458941		3.36	16.95	0.09	4.6	0.033	2.16	21.1	14.8	0.76	315	0.41	2.23	9.9	22.2	250
458942		3.21	16.10	0.10	4.2	0.035	2.11	22.4	17.4	0.87	342	0.45	2.24	9.9	25.6	440
458943		3.01	15.25	0.11	3.8	0.032	2.19	21.5	17.3	0.76	375	0.31	2.44	9.9	24.7	580
458944		4.05	17.50	0.10	3.8	0.037	1.78	15.9	16.1	0.95	371	0.57	2.05	11.2	25.7	280
458945		3.74	16.05	0.09	4.1	0.032	1.72	16.7	13.0	0.68	306	0.58	2.00	9.8	20.1	380
458946		3.41	15.20	0.09	4.0	0.032	1.94	16.9	13.3	0.68	319	0.43	2.25	9.5	20.3	480
458947		3.63	17.95	0.11	4.4	0.033	2.02	19.2	13.8	0.64	292	0.71	2.09	9.7	19.1	290
458948		3.69	17.30	0.13	4.3	0.038	2.10	32.2	21.8	0.99	408	0.45	2.16	15.3	36.8	480
458949		29.3	11.40	0.27	2.6	0.043	1.00	8.1	4.4	0.51	133	26.5	1.14	17.2	6.0	520
458950		0.36	0.22	<0.05	0.2	<0.005	<0.01	1.1	11.9	<0.01	31	0.68	<0.01	1.0	2.6	10
458951		4.87	14.30	0.07	2.7	0.030	1.47	19.8	9.4	0.50	238	0.67	1.58	6.2	12.8	470
458952		2.24	14.15	0.07	4.6	0.024	2.07	15.6	4.2	0.52	219	0.39	2.06	6.1	10.4	400
458953		2.12	11.95	0.20	3.2	0.022	1.67	149.0	5.0	0.42	1140	0.79	1.71	5.3	20.9	780
458954		2.85	15.35	0.10	4.8	0.028	2.21	18.3	10.0	0.67	336	0.39	2.53	7.7	13.6	270
458955		3.33	14.80	0.12	3.4	0.032	2.13	27.0	17.8	0.74	457	0.47	2.44	7.6	22.1	410
458956		3.64	13.65	0.11	3.8	0.031	1.95	23.3	18.0	0.62	452	0.38	2.01	6.1	16.6	560
458957		3.36	15.85	0.12	5.8	0.025	2.23	16.3	8.2	0.47	210	1.31	1.91	9.6	15.0	390
458958		4.06	15.50	0.08	4.1	0.033	1.75	11.8	9.9	0.60	340	0.98	1.47	8.0	13.3	1200
458959		0.46	1.44	0.07	0.3	0.009	0.12	9.9	0.7	0.05	27	0.34	0.13	0.7	8.0	1280
458960		0.38	1.48	0.08	0.3	0.008	0.14	10.6	0.6	0.06	27	0.31	0.14	0.7	8.6	1210

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 24- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201558

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458921		27.3	80.1	<0.002	0.03	0.59	12.4	3	1.0	212	0.48	0.14	6.54	0.288	0.65	3.5
458922		34.9	99.4	<0.002	0.07	0.58	8.6	3	0.9	160.0	0.46	0.15	6.06	0.230	0.59	2.7
458923		16.1	81.7	<0.002	0.04	0.28	14.1	2	0.9	241	0.45	0.06	7.94	0.380	0.47	3.1
458924		21.2	73.4	<0.002	0.03	0.42	9.8	3	0.9	185.5	0.45	0.13	6.77	0.279	0.47	4.2
458925		15.5	86.3	<0.002	0.01	0.25	10.8	1	0.9	222	0.55	0.06	7.33	0.299	0.44	2.5
458926		14.5	70.9	<0.002	0.03	0.13	9.1	1	0.9	223	0.52	<0.05	5.43	0.293	0.38	1.1
458927		17.0	83.0	<0.002	0.02	0.12	8.6	1	0.9	239	0.51	<0.05	6.89	0.263	0.38	1.5
458928		13.4	82.5	<0.002	0.01	0.12	8.9	1	0.9	253	0.55	<0.05	4.94	0.273	0.39	1.0
458929		12.3	78.0	<0.002	0.01	0.11	7.8	1	1.0	264	0.54	<0.05	4.00	0.282	0.36	0.9
458930		28.1	14.8	<0.002	0.33	0.30	8.5	3	0.6	49.0	0.28	0.21	5.06	0.250	0.23	14.4
458931		11.6	81.6	<0.002	0.01	0.11	8.4	1	0.9	304	0.54	<0.05	4.37	0.277	0.36	1.0
458932		14.2	77.2	<0.002	0.01	0.13	8.5	1	0.9	288	0.55	<0.05	9.21	0.309	0.35	1.1
458933		12.7	80.9	<0.002	0.01	0.12	8.3	1	0.9	298	0.58	<0.05	4.33	0.323	0.41	0.9
458934		12.5	90.6	<0.002	0.01	0.12	10.6	1	1.1	274	0.65	<0.05	4.15	0.343	0.42	1.0
458935		20.3	48.1	<0.002	0.05	0.90	57.6	4	2.6	35.4	1.07	0.11	15.55	0.820	0.23	2.6
458936		11.2	79.3	<0.002	0.02	0.13	10.6	1	0.8	276	0.55	<0.05	4.75	0.334	0.39	1.0
458937		12.9	83.2	<0.002	0.01	0.15	10.3	1	1.0	250	0.54	<0.05	5.15	0.316	0.41	1.0
458938		12.2	79.1	<0.002	0.01	0.14	9.3	1	0.8	304	0.60	<0.05	5.30	0.275	0.39	1.8
458939		11.7	73.0	<0.002	0.01	0.12	9.6	1	0.9	283	0.60	<0.05	4.49	0.314	0.42	1.2
458940		10.7	32.8	<0.002	0.03	0.15	27.6	2	0.7	181.0	0.45	0.19	2.81	0.609	0.46	0.7
458941		12.9	82.9	<0.002	0.01	0.13	9.6	1	1.1	269	0.65	<0.05	5.06	0.338	0.40	1.1
458942		12.4	83.2	<0.002	0.01	0.13	10.2	1	1.0	273	0.63	<0.05	4.91	0.334	0.39	1.2
458943		12.7	83.6	<0.002	0.01	0.12	9.4	1	0.9	297	0.59	<0.05	5.55	0.270	0.36	1.0
458944		11.8	72.0	<0.002	0.01	0.15	11.4	1	1.0	242	0.67	<0.05	3.57	0.445	0.50	0.9
458945		12.6	65.8	<0.002	0.02	0.13	9.0	1	1.0	240	0.61	<0.05	4.40	0.357	0.35	1.1
458946		13.0	74.6	<0.002	0.01	0.13	8.7	1	0.9	273	0.60	<0.05	4.73	0.327	0.35	1.0
458947		14.8	79.7	<0.002	0.01	0.13	9.6	1	1.1	258	0.62	<0.05	5.58	0.341	0.41	1.1
458948		13.4	86.0	<0.002	0.01	0.15	12.0	1	1.2	247	0.91	<0.05	6.67	0.444	0.42	1.3
458949		51.8	32.5	0.002	1.27	0.95	7.8	14	1.0	59.8	1.02	0.76	5.14	0.356	1.11	3.5
458950		0.6	0.4	<0.002	<0.01	0.18	0.2	1	0.5	0.7	0.06	<0.05	0.69	0.030	<0.02	0.1
458951		13.7	53.1	<0.002	0.04	0.17	7.6	1	0.7	207	0.42	<0.05	6.39	0.251	0.29	1.2
458952		12.1	69.6	<0.002	0.02	0.19	8.2	1	0.9	263	0.46	<0.05	3.95	0.238	0.32	1.0
458953		12.0	61.0	<0.002	0.06	0.13	6.8	1	0.9	246	0.42	<0.05	6.40	0.195	0.33	3.5
458954		13.1	77.4	<0.002	0.02	0.13	8.4	1	1.0	335	0.79	<0.05	4.85	0.285	0.36	1.0
458955		15.3	77.7	<0.002	0.02	0.16	9.0	1	0.9	308	0.53	<0.05	14.90	0.259	0.38	1.2
458956		12.4	67.1	<0.002	0.05	0.18	8.7	1	0.8	261	0.44	<0.05	5.14	0.258	0.36	1.7
458957		17.4	81.4	<0.002	0.03	0.18	7.0	1	1.2	223	0.70	<0.05	5.53	0.402	0.39	1.3
458958		13.2	76.1	<0.002	0.12	0.16	9.1	1	1.1	134.0	0.69	<0.05	6.27	0.373	0.37	1.8
458959		4.7	4.5	<0.002	0.29	0.09	3.3	1	0.2	24.7	0.05	<0.05	1.81	0.046	0.08	0.5
458960		5.8	4.9	<0.002	0.29	0.07	2.7	1	0.3	28.6	0.05	<0.05	1.39	0.045	0.13	0.5

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 24- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201558

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458921		136	0.7	12.9	112	148.0
458922		83	0.6	7.4	233	124.0
458923		112	0.4	9.9	113	134.0
458924		110	0.7	10.4	176	129.5
458925		90	0.6	11.5	97	145.0
458926		66	0.5	9.2	35	136.5
458927		57	0.5	9.0	35	160.5
458928		58	0.5	8.6	38	135.0
458929		51	0.5	7.6	27	166.0
458930		61	0.2	13.0	65	73.0
458931		52	0.4	9.8	34	146.0
458932		61	0.5	9.9	30	170.0
458933		63	0.4	8.6	31	177.0
458934		74	0.5	9.6	50	162.0
458935		249	1.6	11.3	45	158.5
458936		75	0.4	11.6	48	145.5
458937		74	0.6	9.0	39	133.0
458938		59	0.5	12.1	45	160.0
458939		65	0.5	14.3	32	158.0
458940		193	0.3	16.8	100	89.4
458941		68	0.6	9.0	31	183.5
458942		67	0.5	9.9	37	166.0
458943		54	0.5	10.9	34	146.5
458944		97	0.5	9.2	41	152.5
458945		75	0.6	8.3	31	165.5
458946		60	0.5	9.0	31	157.5
458947		74	0.6	8.6	26	170.0
458948		79	0.6	13.3	49	169.5
458949		210	0.4	3.8	18	114.5
458950		3	0.2	0.6	2	7.9
458951		67	0.3	7.0	25	105.0
458952		56	0.5	6.0	17	186.0
458953		43	0.4	30.4	23	131.0
458954		61	0.4	8.6	28	184.5
458955		57	0.4	11.6	40	134.5
458956		65	0.4	12.4	25	147.5
458957		98	0.6	6.9	26	218
458958		131	0.5	9.5	39	152.5
458959		8	0.1	2.8	14	9.7
458960		9	0.1	3.2	7	10.8

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 24- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201558

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201559

Project: KAN

P.O. No.: SOILKAN- 038

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17201559

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
458961		0.25	0.004	0.03	6.61	2.5	660	1.20	0.14	1.21	0.06	38.3	5.0	53	1.67	14.8
458962		0.34	<0.001	0.03	7.02	3.5	640	1.66	0.11	1.50	0.05	60.2	7.6	49	1.16	14.9
458963		0.27	0.002	0.04	6.74	11.4	670	1.26	0.13	1.21	0.09	44.4	8.2	61	1.92	38.1
458964		0.24	<0.001	0.03	6.77	2.7	610	1.27	0.14	1.29	0.06	47.4	5.4	54	1.28	37.9
458965		0.30	<0.001	0.03	7.25	3.8	620	1.39	0.14	1.05	0.06	52.0	7.5	58	1.93	19.2
458966		0.42	<0.001	0.04	7.27	5.8	630	1.40	0.14	1.33	0.05	45.6	8.2	60	1.67	11.4
458967		0.35	<0.001	0.03	6.71	8.3	670	1.35	0.11	1.40	0.05	31.2	7.0	49	1.83	8.8
458968		0.26	<0.001	0.01	7.29	6.1	700	1.63	0.10	1.42	0.04	50.3	8.8	51	1.44	27.5
458969		0.30	NSS	0.19	6.74	2.3	700	1.57	0.13	1.62	0.20	83.3	7.8	57	3.37	68.6
458970		0.21	0.004	0.13	4.73	1.8	500	1.22	0.10	2.00	0.07	98.9	8.3	44	2.33	46.5
458971		0.14	0.002	0.03	6.97	5.3	630	1.38	0.11	1.34	0.06	43.8	5.9	46	1.23	12.2
458972		0.15	0.001	0.06	7.31	5.4	640	1.41	0.10	1.50	0.09	47.6	7.0	55	1.03	14.6
458973		0.15	<0.001	0.03	6.78	2.2	660	1.25	0.08	1.35	0.04	35.5	5.2	41	0.97	8.8
458974		0.19	<0.001	0.05	6.38	7.3	630	1.07	0.12	1.31	0.09	46.3	6.3	46	1.06	16.3
458975		0.07	<0.001	0.03	9.38	9.6	160	0.82	0.33	0.30	0.03	50.2	7.3	113	6.23	30.8
458976		0.23	0.001	0.02	6.50	4.3	620	1.14	0.10	1.50	0.07	66.1	6.2	44	0.94	11.6
458977		0.11	<0.001	0.01	6.48	2.4	620	1.01	0.10	1.24	0.06	36.3	5.0	40	1.00	8.0
458978		0.16	<0.001	0.04	6.39	2.5	610	1.11	0.12	1.36	0.05	45.9	6.0	47	1.01	53.4
458979		0.19	<0.001	0.01	6.54	2.9	620	1.04	0.12	1.12	0.04	40.3	5.4	51	1.37	20.6
458980		0.22	<0.001	0.02	6.67	3.7	630	1.07	0.14	1.15	0.04	45.5	7.1	50	1.61	19.7
458981		0.17	<0.001	0.04	7.13	1.9	720	1.28	0.12	1.40	0.06	57.3	8.7	60	1.84	24.9
458982		0.24	<0.001	0.02	6.60	3.1	610	1.12	0.12	1.27	0.07	44.5	5.7	48	1.11	14.5
458983		0.22	<0.001	0.02	7.00	2.0	670	1.41	0.11	1.43	0.08	83.3	9.9	49	1.30	20.7
458984		0.19	0.002	0.07	6.36	1.6	640	1.17	0.11	1.33	0.07	56.3	7.4	66	1.54	30.9
458985		0.14	<0.001	0.03	6.66	3.0	630	1.21	0.11	1.38	0.06	58.0	7.7	48	1.56	9.8
458986		0.26	<0.001	0.03	7.19	3.5	710	1.34	0.11	1.48	0.08	50.0	8.2	47	1.40	15.7
458987		0.16	<0.001	0.02	6.91	5.2	680	1.34	0.16	0.62	0.07	23.7	7.4	50	2.35	8.0
458988		0.28	<0.001	0.02	6.60	1.2	670	1.12	0.09	1.54	0.04	34.9	7.2	42	1.86	6.9
458989		0.14	<0.001	0.06	6.00	0.5	630	0.96	0.11	1.17	0.16	42.0	3.7	39	1.59	17.0
458990		0.07	<0.001	0.01	0.10	0.3	<10	0.07	0.01	0.01	<0.02	2.32	0.4	5	0.09	4.4
458991		0.23	<0.001	0.03	6.38	1.6	630	1.14	0.08	1.29	0.07	38.2	4.3	35	1.05	7.8
458992		0.28	<0.001	0.03	6.42	1.8	640	1.11	0.11	1.55	0.07	46.5	7.7	48	1.42	11.9
458993		0.31	<0.001	0.06	6.56	0.9	660	1.17	0.09	1.95	0.10	65.5	9.0	52	1.66	16.3
458994		0.24	<0.001	0.02	6.06	0.5	670	1.00	0.10	1.28	0.06	32.7	4.3	37	1.43	7.5
458995		0.24	0.019	0.15	5.63	1.6	560	1.06	0.12	1.58	0.14	60.6	9.5	49	2.19	38.3
458996		0.25	<0.001	0.09	7.14	1.9	680	1.20	0.13	1.31	0.12	45.4	7.9	54	2.17	11.2
458997		0.23	<0.001	0.02	6.21	1.7	680	1.09	0.11	1.26	0.04	32.9	4.6	42	0.87	5.1
458998		0.27	<0.001	0.03	6.64	1.4	660	1.15	0.09	1.39	0.07	40.5	4.3	40	0.95	6.9
458999		0.28	<0.001	0.03	6.82	2.6	650	1.35	0.10	1.32	0.11	43.7	7.6	44	1.39	8.5
459000		0.22	<0.001	0.03	6.62	2.2	630	1.24	0.11	1.27	0.10	48.8	6.2	40	1.29	7.0

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201559

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
458961		3.90	16.70	0.08	5.4	0.033	2.10	19.5	14.5	0.59	308	0.88	2.04	9.1	13.3	340
458962		3.17	12.40	0.10	4.7	0.028	2.01	26.7	17.2	0.61	429	0.44	2.45	6.6	16.4	310
458963		3.54	15.90	0.08	4.4	0.033	2.24	22.9	17.2	0.94	359	0.67	1.90	8.8	30.9	400
458964		3.12	15.00	0.09	4.8	0.030	1.95	24.5	11.2	0.66	280	0.56	2.14	6.9	19.2	210
458965		3.53	15.35	0.09	3.6	0.035	2.15	25.7	20.3	0.72	335	0.75	2.01	8.2	20.5	430
458966		3.67	14.75	0.09	3.9	0.032	2.07	22.1	21.3	0.79	409	0.64	2.20	6.7	21.1	360
458967		2.97	14.10	0.09	3.7	0.028	2.14	15.8	17.6	0.76	341	0.43	2.26	7.2	18.6	220
458968		2.96	13.50	0.09	4.2	0.027	2.22	23.7	16.4	0.74	369	0.41	2.38	8.2	21.3	170
458969		2.64	14.35	0.13	4.5	0.034	2.05	63.8	22.8	0.70	468	0.66	2.08	8.6	22.6	890
458970		2.72	9.44	0.13	2.5	0.034	1.35	61.2	11.3	0.61	371	1.09	1.34	5.5	19.6	1380
458971		3.08	14.10	0.08	4.5	0.028	2.02	21.1	16.7	0.58	310	0.69	2.31	6.3	13.5	280
458972		3.66	12.10	0.10	4.6	0.032	2.00	24.8	15.2	0.62	382	0.71	2.33	6.4	16.9	590
458973		2.68	12.60	0.09	4.1	0.025	2.06	18.1	13.2	0.51	259	0.50	2.37	5.8	12.0	240
458974		3.93	13.35	0.10	3.9	0.029	1.88	21.6	11.2	0.59	363	1.17	2.17	6.6	15.6	450
458975		6.53	24.2	0.09	4.4	0.089	0.48	21.8	33.2	0.31	482	2.24	0.13	23.5	43.7	510
458976		3.01	12.70	0.11	4.4	0.028	1.88	29.4	9.7	0.58	328	0.66	2.36	6.4	14.8	500
458977		3.07	13.40	0.11	3.8	0.028	1.89	17.8	10.0	0.51	266	0.53	2.15	6.2	11.8	220
458978		3.32	13.95	0.13	4.6	0.028	1.84	21.4	9.5	0.64	318	0.61	2.09	6.9	14.8	370
458979		3.06	16.95	0.12	4.1	0.027	1.97	19.9	11.8	0.63	431	1.07	2.06	7.3	17.5	230
458980		3.57	16.30	0.12	3.9	0.034	1.92	21.5	13.4	0.62	368	0.89	2.06	7.4	17.6	260
458981		3.27	16.00	0.16	4.0	0.031	2.20	28.1	16.4	0.84	431	0.67	2.26	7.3	23.4	460
458982		3.17	15.00	0.13	4.3	0.028	1.83	21.1	11.3	0.56	294	0.67	2.15	7.0	14.2	200
458983		3.11	14.15	0.18	4.2	0.028	2.01	35.0	14.3	0.67	489	0.51	2.40	6.6	23.1	210
458984		2.65	13.30	0.17	3.2	0.028	1.94	26.4	11.9	0.63	404	0.91	2.10	6.0	30.7	680
458985		2.89	14.35	0.16	3.4	0.026	1.96	27.1	13.8	0.73	407	0.60	2.25	5.6	18.8	540
458986		2.84	14.65	0.17	3.8	0.031	2.10	21.7	14.2	0.75	379	0.64	2.51	6.5	20.5	180
458987		3.96	22.7	0.12	4.6	0.035	1.50	10.3	22.7	1.24	383	2.11	2.24	9.7	16.8	220
458988		2.98	15.20	0.15	4.5	0.026	2.08	15.7	13.7	0.66	417	0.77	2.39	6.4	14.3	440
458989		1.86	14.10	0.16	3.7	0.024	1.90	22.2	6.1	0.42	209	0.50	2.12	5.8	10.7	300
458990		0.33	0.32	0.07	0.2	<0.005	0.01	1.1	13.8	<0.01	30	0.61	<0.01	0.9	2.7	20
458991		2.31	13.20	0.15	3.5	0.021	1.93	17.9	8.5	0.47	242	0.31	2.30	5.3	10.5	460
458992		2.98	14.80	0.15	4.9	0.033	1.95	23.0	12.2	0.68	411	0.50	2.22	7.1	14.5	410
458993		3.26	13.80	0.19	4.3	0.028	1.98	30.0	15.0	0.69	586	0.55	2.30	6.6	17.2	820
458994		1.94	15.85	0.17	4.3	0.030	2.08	15.7	6.2	0.49	246	0.41	2.12	6.8	10.8	380
458995		2.90	12.15	0.17	2.9	0.027	1.56	32.0	14.1	0.61	687	0.91	1.75	5.3	19.6	1340
458996		3.28	16.30	0.18	3.6	0.031	2.11	21.9	18.8	0.76	364	0.71	2.21	6.6	20.6	450
458997		2.83	16.90	0.18	5.0	0.026	2.03	15.7	7.2	0.53	259	0.50	2.17	7.1	11.8	160
458998		2.75	14.15	0.15	4.5	0.020	2.00	16.9	7.4	0.45	251	0.55	2.35	7.1	10.1	550
458999		3.03	14.10	0.16	3.9	0.027	1.96	19.9	16.4	0.57	340	0.56	2.21	6.2	14.5	480
459000		2.64	14.30	0.19	4.1	0.028	1.92	22.8	15.8	0.50	280	0.51	2.23	6.3	13.3	380

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201559

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
458961		15.4	74.9	<0.002	0.03	0.18	7.9	1	1.3	256	0.63	<0.05	4.52	0.381	0.38	1.2
458962		12.4	68.1	<0.002	0.02	0.15	7.6	1	1.0	315	0.50	<0.05	5.26	0.266	0.34	1.3
458963		12.8	84.0	<0.002	0.03	0.19	9.3	1	1.2	245	0.60	<0.05	5.14	0.339	0.45	1.2
458964		14.5	67.5	<0.002	0.02	0.16	8.1	1	1.1	265	0.55	<0.05	6.75	0.317	0.37	1.4
458965		14.7	82.5	<0.002	0.03	0.19	8.6	1	1.2	230	0.58	0.05	7.96	0.319	0.42	1.5
458966		14.3	76.3	<0.002	0.02	0.18	8.5	1	1.0	274	0.53	<0.05	6.23	0.293	0.43	1.3
458967		12.6	79.0	<0.002	0.01	0.13	7.8	1	0.9	276	0.57	<0.05	3.71	0.297	0.39	0.9
458968		13.3	76.9	<0.002	0.01	0.16	8.6	<1	1.0	297	0.57	<0.05	5.71	0.307	0.39	1.2
458969		13.5	88.1	<0.002	0.04	0.15	9.8	1	1.1	270	0.61	<0.05	10.50	0.316	0.44	2.7
458970		9.8	62.8	<0.002	0.13	0.12	7.1	1	0.9	195.0	0.42	<0.05	7.22	0.216	0.35	2.2
458971		13.0	70.0	<0.002	0.01	0.24	7.7	1	1.0	291	0.51	<0.05	5.27	0.277	0.37	1.3
458972		13.9	65.2	<0.002	0.02	0.21	7.8	1	0.9	307	0.52	<0.05	5.11	0.260	0.33	1.2
458973		11.9	67.5	<0.002	0.01	0.14	7.0	1	0.9	297	0.45	<0.05	3.78	0.255	0.36	1.0
458974		14.9	61.3	<0.002	0.01	0.32	7.2	1	0.9	291	0.52	<0.05	7.48	0.267	0.35	1.2
458975		21.6	58.2	<0.002	0.05	0.66	14.0	3	3.7	49.8	1.61	0.06	16.60	1.040	0.33	2.8
458976		12.3	61.9	<0.002	0.01	0.27	7.6	1	0.8	313	0.49	<0.05	9.42	0.241	0.36	1.3
458977		11.8	61.5	<0.002	0.02	0.16	7.6	1	0.8	278	0.47	<0.05	4.06	0.269	0.31	1.0
458978		12.4	62.5	<0.002	0.02	0.20	8.9	1	0.9	274	0.49	<0.05	5.21	0.286	0.34	1.3
458979		13.0	67.9	<0.002	0.01	0.27	8.1	1	1.1	257	0.55	<0.05	5.80	0.324	0.39	1.4
458980		13.6	69.4	<0.002	0.01	0.26	8.1	<1	1.0	263	0.57	<0.05	5.65	0.311	0.41	1.2
458981		13.2	83.9	<0.002	0.01	0.20	9.5	1	1.2	302	0.55	<0.05	7.20	0.305	0.45	1.3
458982		13.0	63.2	<0.002	0.01	0.25	7.9	1	1.0	278	0.51	<0.05	5.25	0.291	0.34	1.2
458983		12.4	69.6	<0.002	0.01	0.16	8.8	1	0.9	311	0.51	<0.05	8.60	0.260	0.41	1.3
458984		12.4	69.4	<0.002	0.02	0.17	7.6	1	0.8	275	0.52	<0.05	6.30	0.241	0.37	1.3
458985		11.9	71.3	<0.002	0.01	0.21	7.8	1	0.8	290	0.45	<0.05	6.99	0.238	0.39	1.1
458986		12.2	73.6	<0.002	0.01	0.19	8.3	<1	0.9	327	0.49	<0.05	6.11	0.262	0.43	1.1
458987		10.9	56.8	<0.002	0.01	0.32	8.4	<1	1.6	138.5	0.68	<0.05	8.16	0.426	0.28	1.4
458988		11.5	77.5	<0.002	0.01	0.15	8.0	<1	0.9	312	0.47	<0.05	3.82	0.267	0.36	0.9
458989		12.7	68.5	<0.002	0.01	0.13	6.9	1	0.9	273	0.44	<0.05	5.85	0.249	0.36	1.4
458990		0.5	0.4	<0.002	<0.01	0.18	0.2	1	0.5	0.9	0.06	<0.05	0.71	0.029	<0.02	0.1
458991		10.9	65.9	<0.002	0.01	0.14	6.1	1	0.7	297	0.42	<0.05	4.46	0.218	0.33	0.9
458992		11.9	70.6	<0.002	0.02	0.15	9.3	<1	1.0	296	0.53	<0.05	5.05	0.303	0.38	1.2
458993		11.6	72.3	<0.002	0.03	0.15	8.7	1	0.9	313	0.49	<0.05	6.01	0.268	0.35	1.4
458994		11.5	73.4	<0.002	0.01	0.13	8.5	1	1.0	274	0.50	<0.05	3.61	0.293	0.37	1.0
458995		9.7	60.4	<0.002	0.11	0.21	8.4	1	0.8	243	0.39	<0.05	6.45	0.238	0.35	1.9
458996		13.2	81.5	<0.002	0.01	0.21	8.2	1	1.0	287	0.50	<0.05	5.48	0.269	0.44	1.3
458997		13.3	67.1	<0.002	0.01	0.19	6.8	1	1.0	284	0.52	<0.05	3.55	0.316	0.37	1.0
458998		12.6	66.3	<0.002	0.01	0.13	6.2	1	0.9	316	0.71	<0.05	4.08	0.260	0.35	1.0
458999		13.0	68.0	<0.002	0.02	0.17	7.1	<1	0.8	291	0.45	<0.05	4.98	0.253	0.37	1.1
459000		13.4	67.3	<0.002	0.01	0.16	6.8	1	0.9	290	0.49	<0.05	8.88	0.259	0.37	1.2

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Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
458961		84	0.6	7.9	31	218
458962		56	0.8	11.0	33	185.5
458963		80	0.6	8.0	40	175.5
458964		71	0.5	8.1	28	193.0
458965		70	0.6	10.1	37	144.0
458966		70	0.5	8.8	38	153.5
458967		64	0.4	7.6	37	151.5
458968		63	0.5	9.8	41	170.5
458969		58	0.5	20.6	62	183.5
458970		43	0.4	15.3	28	112.5
458971		69	0.5	8.6	31	181.0
458972		58	0.5	9.5	39	182.5
458973		57	0.4	7.9	24	163.0
458974		62	0.4	8.2	40	151.5
458975		155	2.1	11.7	45	172.5
458976		55	0.4	10.1	32	171.0
458977		60	0.4	7.2	24	148.0
458978		73	0.5	8.0	30	182.0
458979		79	0.5	7.6	30	164.0
458980		77	0.6	8.8	31	159.5
458981		70	0.6	9.9	44	153.0
458982		68	0.5	8.4	27	171.0
458983		57	0.4	13.1	31	160.0
458984		51	0.5	9.4	39	122.0
458985		59	0.5	8.9	38	129.5
458986		58	0.4	8.4	35	147.0
458987		105	1.6	6.3	43	182.5
458988		64	0.4	8.2	31	170.0
458989		46	0.4	6.6	20	143.5
458990		2	0.1	0.6	3	7.3
458991		47	0.3	6.9	21	135.0
458992		70	0.4	9.7	31	194.0
458993		64	0.5	12.5	42	166.5
458994		48	0.4	9.0	21	165.0
458995		64	0.4	13.0	44	112.5
458996		66	0.5	8.3	46	139.5
458997		77	0.6	6.0	22	195.0
458998		56	0.3	7.6	26	176.5
458999		57	0.4	8.1	35	149.0
459000		55	0.5	8.0	29	160.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201559

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non- sufficient sample.
Applies to Method: ALL METHODS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
Applies to Method: LOG- 22 LOG- 23 SCR- 41 WEI- 21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au- ICP21 ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
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Finalized Date: 13- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201561

Project: KAN

P.O. No.: SOILKAN- 039

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17201561

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
459001		0.34	0.002	0.04	6.46	2.2	580	1.21	0.13	1.15	0.06	37.0	6.8	72	1.73	18.9
459002		0.31	0.001	0.09	6.66	2.9	630	1.32	0.11	0.94	0.09	56.7	8.7	88	2.50	33.2
459003		0.46	<0.001	0.03	6.99	2.0	640	1.35	0.09	1.36	0.03	65.9	8.1	74	1.57	15.7
459004		0.30	0.001	0.07	7.09	2.3	660	1.34	0.09	1.17	0.07	54.4	10.8	81	2.31	27.2
459005		0.40	<0.001	0.02	6.98	8.9	570	1.26	0.11	1.00	0.05	40.8	9.0	77	2.48	33.4
459006		0.44	<0.001	0.03	6.89	8.7	560	1.37	0.11	1.02	0.05	35.1	10.0	73	2.71	34.4
459007		0.29	<0.001	0.03	6.47	4.8	580	1.25	0.09	1.12	0.05	45.1	8.1	87	3.25	35.9
459008		0.34	<0.001	0.08	6.70	7.8	530	1.35	0.14	0.97	0.06	54.8	10.7	71	2.89	86.1
459009		0.38	0.001	0.02	7.03	2.9	610	1.39	0.09	1.11	0.05	42.0	8.1	70	2.45	23.0
459010		0.42	0.001	0.02	7.27	2.8	580	1.32	0.08	1.05	0.04	41.8	7.5	78	1.89	37.5
459011		0.40	<0.001	0.04	6.55	3.7	550	1.44	0.08	1.41	0.10	51.3	12.6	69	1.71	111.5
459012		0.45	<0.001	0.04	6.81	1.9	620	1.22	0.11	1.39	0.05	41.9	9.6	75	1.62	41.0
459013		0.43	<0.001	0.27	7.45	3.1	580	1.71	0.16	1.20	0.09	81.9	19.4	136	2.90	199.5
459014		0.30	0.002	0.05	6.38	2.7	540	1.06	0.14	1.01	0.05	30.3	9.0	120	1.87	7.3
459015		0.07	0.023	0.14	8.11	12.7	180	0.75	0.33	0.18	0.03	39.3	29.1	537	3.61	364
459016		0.38	0.001	0.02	6.38	1.6	480	1.23	0.12	1.07	0.05	39.1	11.1	135	2.18	16.2
459017		0.40	<0.001	0.12	6.96	4.5	660	1.11	0.35	0.86	0.05	41.1	2.2	79	0.93	16.5
459018		0.43	<0.001	0.02	6.95	1.8	640	1.17	0.11	1.40	0.05	44.4	8.4	82	1.77	23.6
459019		0.38	<0.001	0.05	6.54	4.1	510	1.18	0.10	1.33	0.10	38.2	9.5	79	1.19	38.3
459020		0.36	<0.001	0.03	6.01	2.4	490	0.98	0.12	1.25	0.06	32.3	8.2	76	1.79	34.3
459021		0.35	<0.001	0.02	6.87	3.1	610	1.35	0.09	1.12	0.04	53.2	8.0	64	1.95	43.3
459022		0.30	<0.001	0.02	6.88	3.0	580	1.38	0.10	1.19	0.06	43.4	8.9	63	2.08	70.1
459023		0.26	0.004	0.37	4.64	3.8	320	0.94	0.10	1.34	0.82	139.5	32.3	62	2.41	202
459024		0.33	<0.001	0.04	6.45	5.5	570	1.01	0.16	1.08	0.05	33.9	5.2	67	1.36	18.3
459025		0.33	<0.001	0.09	6.91	37.3	330	1.63	0.22	1.55	1.05	83.7	77.6	91	2.34	356
459026		0.33	<0.001	0.04	7.08	4.6	540	1.27	0.11	1.24	0.09	36.6	12.5	77	2.36	51.5
459027		0.29	0.001	0.09	6.52	1.7	370	1.11	0.10	2.26	0.16	30.2	16.7	114	1.48	134.5
459028		0.36	<0.001	0.01	6.42	3.1	510	1.07	0.09	1.11	0.04	28.4	5.4	58	1.15	25.3
459029		0.36	<0.001	0.02	6.35	2.6	570	1.11	0.10	1.39	0.03	30.9	8.1	67	2.06	18.3
459030		0.07	<0.001	<0.01	0.11	0.7	10	0.08	0.01	0.01	<0.02	2.20	0.4	6	0.11	4.6
459031		0.24	<0.001	0.02	6.39	1.7	500	1.03	0.12	1.27	0.06	38.3	13.5	88	1.71	40.3
459032		0.44	<0.001	0.07	7.04	5.5	700	1.45	0.13	1.52	0.12	69.9	10.4	57	1.67	35.3
459033		0.32	<0.001	0.11	6.59	3.5	610	1.37	0.10	1.50	0.09	60.1	14.2	50	1.48	43.4
459034		0.38	<0.001	0.06	6.98	2.3	730	1.37	0.11	1.46	0.05	53.0	10.4	56	2.10	26.9
459035		0.31	0.007	0.09	6.13	2.0	620	1.30	0.09	1.99	0.11	68.0	11.9	48	1.33	141.0
459036		0.40	<0.001	0.06	6.82	1.5	710	1.17	0.09	1.73	0.05	57.2	7.2	48	1.45	15.6
459037		0.31	<0.001	0.07	5.90	1.6	610	1.20	0.08	2.02	0.10	54.5	8.5	41	1.78	17.7
459038		0.32	<0.001	0.07	6.41	2.2	620	1.12	0.14	1.33	0.07	47.7	4.9	50	1.06	20.6
459039		0.34	<0.001	0.04	6.70	3.7	640	1.28	0.11	1.34	0.07	51.2	8.9	54	1.55	43.6
459040		0.43	0.002	0.04	6.72	3.6	680	1.35	0.10	1.46	0.06	49.4	7.1	47	1.33	80.2

***** See Appendix Page for comments regarding this certificate *****

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201561

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
459001		3.13	16.80	0.08	4.6	0.033	1.95	17.9	12.6	0.73	336	0.43	2.05	12.9	23.2	350
459002		3.20	16.05	0.09	2.7	0.038	2.07	30.2	22.9	0.92	285	0.91	1.65	8.7	44.0	780
459003		3.21	15.15	0.10	4.3	0.032	2.13	34.2	17.9	0.84	358	0.31	2.30	12.1	25.8	660
459004		3.04	16.55	0.10	3.2	0.038	2.19	27.6	21.0	0.83	446	0.52	1.98	8.9	31.2	610
459005		3.97	17.55	0.09	4.2	0.038	1.90	20.4	21.5	0.91	599	0.69	1.83	10.0	32.2	200
459006		4.87	16.00	0.08	3.8	0.037	1.91	17.2	20.1	0.90	852	0.96	1.96	8.7	27.8	310
459007		6.25	16.25	0.09	3.3	0.066	1.97	23.4	18.8	0.90	521	0.61	1.57	8.6	31.1	520
459008		7.93	15.90	0.10	3.3	0.053	1.87	27.3	23.5	1.05	852	0.56	1.63	8.8	31.5	360
459009		3.69	16.05	0.09	4.1	0.035	2.11	21.8	20.5	0.83	537	0.46	2.09	9.9	24.4	450
459010		3.91	15.45	0.09	3.8	0.034	1.99	21.3	20.8	0.79	432	0.36	1.97	10.1	24.2	240
459011		3.84	14.35	0.09	4.0	0.038	1.78	24.2	21.2	0.80	475	0.47	2.02	10.1	40.3	450
459012		3.36	14.45	0.05	4.1	0.032	2.05	20.8	18.5	0.95	377	0.30	2.13	9.2	30.4	750
459013		4.99	16.50	0.12	3.4	0.050	1.76	52.4	31.9	1.23	643	0.82	1.86	10.7	68.1	710
459014		3.87	19.55	0.05	4.4	0.034	1.82	15.7	16.0	0.98	343	0.65	1.88	13.6	41.2	230
459015		14.15	19.60	0.05	3.7	0.096	0.40	18.6	20.9	0.22	481	2.28	0.09	14.6	229	430
459016		3.72	15.10	0.05	4.2	0.041	1.55	19.6	20.0	1.17	425	0.46	1.94	19.1	48.1	460
459017		12.35	14.30	0.08	3.6	0.060	1.55	19.1	12.6	0.90	165	42.8	2.42	37.6	9.6	710
459018		3.22	14.65	0.06	4.8	0.032	2.11	22.3	17.3	0.92	381	0.53	2.25	9.7	30.4	630
459019		4.15	14.30	0.05	4.3	0.038	1.61	18.9	15.3	0.93	440	0.48	1.92	10.7	27.8	380
459020		4.17	15.40	<0.05	4.1	0.036	1.62	15.6	12.7	0.85	544	0.59	1.60	13.3	23.9	490
459021		3.69	14.30	0.06	4.6	0.030	1.91	26.0	16.3	0.76	515	0.42	2.13	8.3	23.8	240
459022		3.99	14.35	0.05	3.8	0.035	1.92	20.7	18.9	0.82	573	0.56	1.99	8.5	26.7	230
459023		9.75	9.50	0.13	2.2	0.079	0.98	77.2	13.5	0.59	824	1.26	0.96	7.6	57.3	970
459024		3.52	17.80	0.05	5.0	0.033	1.83	17.4	10.8	0.57	317	0.77	1.95	14.8	16.6	170
459025		8.69	15.25	0.11	2.8	0.075	1.02	49.9	24.8	0.98	1770	3.24	1.19	18.6	89.2	710
459026		4.80	17.35	0.06	3.9	0.040	1.97	18.0	19.9	1.09	939	0.74	1.77	11.0	30.8	180
459027		6.29	16.35	0.05	2.8	0.079	1.13	14.9	15.1	1.60	748	1.40	1.62	9.6	42.5	1000
459028		3.57	12.85	0.05	3.3	0.028	1.64	14.4	12.2	0.56	306	0.33	1.93	6.9	15.7	250
459029		3.23	15.30	0.05	4.6	0.035	1.84	15.4	13.9	0.89	410	0.45	2.00	11.5	24.3	370
459030		0.35	0.22	<0.05	0.2	<0.005	0.01	1.1	15.0	0.01	33	0.62	0.01	0.9	2.6	10
459031		4.75	14.10	0.06	3.2	0.037	1.58	18.5	17.4	0.84	701	0.49	1.76	9.4	29.7	310
459032		2.99	14.80	0.06	4.2	0.036	2.12	33.5	20.4	0.84	376	0.67	2.25	8.0	26.9	850
459033		3.57	12.95	0.06	3.8	0.033	1.77	28.3	19.1	0.72	655	0.64	2.00	5.7	21.9	840
459034		3.27	14.65	0.07	3.5	0.034	2.10	26.5	19.8	0.84	679	0.59	2.17	7.0	23.7	800
459035		3.33	12.30	0.09	3.9	0.024	1.86	37.6	15.7	0.67	604	0.68	2.18	6.1	55.9	810
459036		2.82	13.50	0.07	4.3	0.028	2.13	27.1	11.8	0.70	465	0.47	2.48	6.7	15.2	970
459037		3.06	12.60	0.07	5.0	0.032	1.80	28.9	11.6	0.69	513	0.45	2.13	6.3	14.6	870
459038		2.80	16.55	0.06	6.4	0.033	1.80	24.6	5.9	0.54	273	1.56	2.05	8.5	12.3	200
459039		3.33	13.95	0.07	3.9	0.033	1.99	24.9	17.5	0.75	386	0.73	2.16	7.0	24.7	370
459040		2.88	13.80	0.06	4.2	0.030	2.07	24.7	13.7	0.70	341	0.44	2.34	7.0	21.2	490

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	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
459001		12.1	71.6	<0.002	0.02	0.13	9.2	1	1.3	234	0.81	<0.05	4.15	0.443	0.39	1.1
459002		13.5	88.8	<0.002	0.08	0.16	10.0	1	1.2	196.5	0.58	<0.05	6.78	0.303	0.48	1.4
459003		12.6	77.2	<0.002	0.01	0.11	9.2	<1	1.1	275	0.74	<0.05	8.09	0.365	0.39	1.1
459004		13.7	87.1	<0.002	0.03	0.12	10.2	<1	1.2	231	0.58	<0.05	5.95	0.318	0.46	1.2
459005		15.1	72.2	<0.002	0.04	0.17	10.2	1	1.2	198.0	0.63	0.05	5.74	0.351	0.41	1.2
459006		15.0	75.2	<0.002	0.02	0.20	9.8	1	1.0	193.0	0.59	0.09	5.66	0.328	0.42	1.2
459007		12.6	83.5	<0.002	0.03	0.16	10.7	1	1.1	179.0	0.56	<0.05	7.65	0.329	0.41	1.6
459008		16.4	77.4	<0.002	0.03	0.19	12.7	1	1.2	188.0	0.59	0.06	6.35	0.319	0.45	1.7
459009		13.5	82.5	<0.002	0.01	0.11	9.6	1	1.1	224	0.60	<0.05	5.38	0.335	0.40	1.2
459010		13.4	73.0	<0.002	0.01	0.12	9.7	1	1.1	222	0.60	<0.05	5.84	0.333	0.39	1.0
459011		13.4	64.6	<0.002	0.04	0.15	10.2	1	0.9	230	0.62	<0.05	5.45	0.360	0.34	1.2
459012		12.0	84.2	<0.002	0.01	0.23	9.6	<1	1.0	256	0.63	<0.05	5.42	0.351	0.36	1.0
459013		15.7	83.1	<0.002	0.02	0.17	12.3	1	1.1	210	0.76	<0.05	11.35	0.431	0.60	2.1
459014		12.5	80.8	<0.002	0.01	0.14	10.1	<1	1.4	204	0.84	<0.05	5.26	0.507	0.38	1.1
459015		19.7	43.7	<0.002	0.05	0.80	50.4	3	2.4	33.3	1.01	0.07	15.55	0.753	0.23	2.6
459016		12.2	68.2	<0.002	0.02	0.12	11.5	<1	1.2	194.5	1.22	<0.05	5.31	0.675	0.32	1.3
459017		43.3	43.4	0.004	0.28	1.26	12.3	11	2.7	86.1	2.01	1.60	4.51	0.584	1.26	6.6
459018		12.7	87.0	<0.002	0.01	0.12	9.5	<1	1.0	269	0.68	<0.05	5.51	0.374	0.39	1.1
459019		11.9	62.1	<0.002	0.02	0.15	10.9	1	1.0	221	0.71	<0.05	5.30	0.439	0.33	1.1
459020		11.7	65.0	<0.002	0.03	0.16	10.4	1	1.1	179.5	0.81	<0.05	4.67	0.418	0.33	1.1
459021		13.6	71.6	<0.002	0.01	0.13	8.7	1	0.9	234	0.60	<0.05	6.47	0.310	0.39	1.4
459022		14.2	79.9	<0.002	0.01	0.16	9.7	1	0.9	229	0.60	<0.05	5.89	0.321	0.39	1.2
459023		35.3	43.3	0.005	0.14	0.23	8.8	2	0.8	121.5	0.47	0.13	5.52	0.230	0.44	4.3
459024		15.9	69.9	<0.002	0.01	0.21	8.8	1	1.4	230	1.21	0.09	4.70	0.494	0.40	1.3
459025		22.9	44.0	<0.002	0.09	0.38	14.4	1	1.4	112.0	0.98	0.25	5.11	0.443	0.43	2.4
459026		11.9	84.3	<0.002	0.01	0.17	13.3	<1	1.1	186.0	0.70	<0.05	5.51	0.417	0.38	1.2
459027		9.7	48.2	<0.002	0.06	0.18	21.5	1	1.3	147.0	0.63	0.07	4.08	0.539	0.23	1.0
459028		12.5	64.2	<0.002	0.02	0.11	7.4	1	0.7	230	0.50	<0.05	4.11	0.276	0.31	0.9
459029		11.0	75.0	<0.002	0.02	0.14	10.3	<1	1.1	230	0.83	<0.05	4.27	0.453	0.35	1.1
459030		<0.5	0.7	<0.002	<0.01	0.17	0.2	<1	0.5	1.3	<0.05	<0.05	0.66	0.033	<0.02	0.1
459031		13.2	65.7	<0.002	0.04	0.12	9.5	1	0.9	204	0.63	<0.05	5.13	0.392	0.34	1.1
459032		16.2	84.8	<0.002	0.03	0.26	9.6	<1	1.0	297	0.61	<0.05	7.27	0.301	0.46	1.9
459033		13.9	67.9	<0.002	0.04	0.19	8.6	1	0.8	266	0.41	<0.05	5.69	0.254	0.36	1.5
459034		14.1	83.9	<0.002	0.03	0.16	8.9	<1	1.0	286	0.51	<0.05	6.56	0.294	0.45	1.4
459035		11.9	73.2	0.003	0.04	0.31	8.8	2	0.9	296	0.43	<0.05	6.24	0.243	0.39	2.8
459036		12.2	80.6	<0.002	0.01	0.11	8.7	<1	0.9	329	0.50	<0.05	5.88	0.272	0.40	1.3
459037		11.6	75.6	<0.002	0.03	0.14	9.9	<1	0.9	293	0.48	<0.05	5.20	0.273	0.36	1.5
459038		12.6	66.8	<0.002	0.01	0.27	9.2	<1	1.4	262	0.63	<0.05	8.50	0.362	0.37	1.8
459039		13.7	77.9	<0.002	0.01	0.24	8.4	1	1.0	286	0.52	<0.05	6.37	0.278	0.42	1.3
459040		13.1	81.1	<0.002	<0.01	0.22	8.4	<1	0.9	307	0.51	<0.05	6.23	0.266	0.40	1.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201561

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
459001		82	0.6	8.2	31	175.5
459002		73	0.6	10.2	54	105.0
459003		64	0.5	11.4	40	166.0
459004		70	0.7	10.5	42	125.0
459005		86	0.8	9.1	38	167.0
459006		80	0.6	8.3	48	155.5
459007		83	0.6	9.8	43	131.0
459008		89	0.6	13.3	53	130.5
459009		68	0.6	9.7	43	164.5
459010		72	0.5	8.8	36	152.0
459011		69	0.5	11.6	41	167.0
459012		70	0.5	10.7	47	159.5
459013		91	0.6	19.6	63	124.5
459014		109	0.7	7.4	37	170.5
459015		224	1.5	10.6	43	144.5
459016		91	0.6	11.2	44	158.5
459017		391	0.8	6.6	34	143.0
459018		70	0.5	11.0	42	186.5
459019		89	0.5	10.7	42	167.5
459020		99	0.6	9.1	38	160.5
459021		66	0.5	10.1	39	178.5
459022		73	0.5	9.1	41	146.5
459023		54	0.4	22.8	197	85.3
459024		88	0.7	7.8	25	198.0
459025		135	0.6	25.4	307	110.5
459026		115	0.7	10.6	56	152.5
459027		182	0.5	14.6	78	103.5
459028		56	0.4	6.9	25	125.0
459029		82	0.5	9.3	35	180.5
459030		3	0.2	0.6	3	8.5
459031		78	0.5	8.4	36	122.0
459032		68	0.6	14.5	65	164.0
459033		60	0.4	12.4	49	149.5
459034		64	0.6	11.1	55	136.0
459035		51	0.3	16.4	35	148.0
459036		59	0.4	13.0	37	164.5
459037		58	0.3	15.3	42	191.0
459038		88	1.7	8.5	25	250
459039		62	0.5	9.3	49	149.5
459040		57	0.5	10.4	43	160.5

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 13- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201561

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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North Vancouver BC V7H 0A7
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
This copy reported on
2- NOV- 2017
Account: MINVIR

CERTIFICATE VO17201564

Project: KAN

P.O. No.: SOILKAN- 040

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT L STOCK	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: L STOCK
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: **Corrected copy for Au- ICP21 and ME- MS61 on all samples**

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
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BUREAU 200
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Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201564

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
459041		0.41	<0.001	0.03	7.23	4.4	650	1.58	0.14	1.47	0.10	45.5	11.6	57	1.99	23.9
459042		0.41	<0.001	0.12	6.40	4.0	630	1.32	0.13	1.48	0.11	40.0	7.5	51	1.63	107.5
459043		0.29	<0.001	0.06	6.39	4.0	560	1.22	0.14	1.17	0.07	37.8	6.3	53	1.35	8.2
459044		0.33	<0.001	0.11	6.24	4.3	600	1.24	0.14	1.39	0.19	48.9	7.8	50	1.31	19.9
459045		0.36	0.001	0.05	7.05	3.8	640	1.48	0.11	1.30	0.09	60.2	8.4	57	1.78	72.9
459046		0.22	<0.001	0.08	5.82	1.9	630	1.53	0.11	1.09	0.16	38.9	4.9	39	1.58	14.1
459047		0.33	<0.001	0.07	6.45	1.3	680	1.30	0.09	1.48	0.08	36.0	4.8	41	1.31	10.0
459048		0.36	<0.001	0.05	6.12	1.6	620	1.26	0.12	1.23	0.08	38.3	4.0	50	1.16	28.5
459049		0.38	<0.001	0.03	6.62	5.8	680	1.49	0.09	1.72	0.05	41.3	7.1	42	1.12	10.6
459050		0.36	<0.001	0.05	6.33	3.1	590	1.39	0.11	1.77	0.07	38.2	8.7	45	1.37	13.5
459051		0.30	<0.001	0.04	6.99	6.0	690	1.41	0.09	1.64	0.04	39.0	9.6	48	1.30	25.3
459052		0.23	<0.001	0.08	6.70	39.7	500	1.08	0.12	1.24	0.09	33.6	15.8	74	1.18	37.3
459053		0.15	0.004	0.20	5.70	20.6	190	1.54	0.10	1.13	0.14	90.8	55.3	373	4.29	462
459054		0.23	<0.001	0.03	6.04	2.5	510	0.91	0.12	1.28	0.06	31.2	5.1	50	1.17	31.0
459055		0.07	<0.001	0.05	9.34	10.9	150	0.89	0.37	0.31	0.04	49.2	7.1	114	6.32	30.9
459056		0.23	0.014	0.03	7.38	2.1	570	1.30	0.12	1.33	0.07	40.9	9.6	58	2.19	30.4
459057		0.33	<0.001	0.05	6.35	2.0	510	1.27	0.08	1.99	0.07	45.7	14.1	36	4.17	22.9
459058		0.25	<0.001	0.02	6.32	2.3	530	1.12	0.10	1.43	0.05	32.1	6.4	43	1.37	37.3
459059		0.24	<0.001	0.05	6.98	1.6	580	1.39	0.13	1.58	0.07	38.7	8.4	47	1.32	22.9
459060		0.24	<0.001	0.03	6.91	1.5	590	1.23	0.10	1.52	0.06	37.3	6.0	42	1.27	16.0
459061		0.22	0.001	0.02	6.89	1.6	570	1.57	0.10	1.50	0.08	31.8	8.4	50	1.60	32.6
459062		0.37	<0.001	0.04	7.01	2.6	660	1.42	0.11	1.51	0.08	44.8	8.5	51	1.77	16.0
459063		0.21	<0.001	0.06	6.75	3.0	630	1.41	0.14	1.39	0.12	41.3	8.1	49	1.71	32.1
459064		0.36	<0.001	0.03	6.81	2.2	610	1.40	0.12	1.43	0.06	36.9	8.8	53	1.64	10.4
459065		0.28	<0.001	0.03	6.91	4.4	630	1.15	0.09	1.43	0.06	40.5	6.6	44	1.27	19.5
459066		0.22	<0.001	0.03	6.71	2.9	590	1.29	0.10	1.33	0.03	38.0	5.8	50	1.21	12.5
459067		0.24	0.002	0.04	6.64	2.2	590	1.29	0.13	1.13	0.06	40.0	6.4	53	1.73	17.6
459068		0.20	<0.001	0.04	6.31	5.1	600	1.17	0.14	1.13	0.07	35.9	5.1	56	1.40	12.3
459069		0.27	<0.001	0.02	6.51	1.4	630	1.47	0.10	1.42	0.05	35.4	6.2	45	1.44	7.7
459070		0.07	<0.001	0.01	0.11	0.7	<10	0.07	0.02	0.01	<0.02	2.09	0.4	6	0.10	4.5
459071		0.28	<0.001	0.02	6.59	2.8	630	1.43	0.12	1.36	0.05	37.1	7.6	54	1.65	11.9
459072		0.25	<0.001	0.05	6.91	2.3	540	1.38	0.14	1.21	0.14	56.0	9.2	59	3.46	26.9
459073		0.36	<0.001	0.05	7.07	2.3	670	1.53	0.11	1.36	0.06	64.2	11.0	52	1.78	21.0
459074		0.23	<0.001	0.04	6.55	2.0	640	1.46	0.11	1.46	0.04	39.9	6.0	46	1.10	8.0
459075		0.37	<0.001	0.03	6.60	2.1	640	1.18	0.10	1.65	0.06	45.8	6.9	43	1.27	9.0
459076		0.38	<0.001	0.04	6.57	1.4	610	1.42	0.10	1.63	0.06	38.1	7.4	38	1.34	55.3
459077		0.33	<0.001	0.03	6.68	1.4	660	1.22	0.09	1.56	0.06	43.5	5.4	39	1.15	10.8
459078		0.22	<0.001	0.03	6.60	2.2	570	1.23	0.11	1.43	0.05	38.6	7.1	50	1.49	25.0
459079		0.36	<0.001	0.03	6.44	1.6	610	1.13	0.11	1.41	0.05	29.1	4.7	39	1.22	6.2
459080		0.35	<0.001	0.06	6.43	1.1	610	1.06	0.11	1.36	0.05	33.4	4.6	41	1.26	8.3

Comments: **Corrected copy for Au- ICP21 and ME- MS61 on all samples**

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201564

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
459041		3.39	15.35	0.07	3.3	0.029	2.06	20.6	21.6	0.92	510	0.49	2.28	6.7	28.6	420
459042		3.02	15.10	0.06	4.8	0.026	1.99	21.5	18.4	0.66	414	0.60	2.14	7.2	28.7	430
459043		3.85	15.60	0.06	3.7	0.028	1.83	17.7	17.5	0.63	286	0.55	1.94	6.8	16.9	360
459044		3.48	15.75	0.08	4.5	0.033	1.77	22.1	16.1	0.65	377	1.03	1.96	7.3	19.5	360
459045		3.22	15.40	0.08	4.0	0.031	2.08	30.4	17.8	0.81	361	0.65	2.13	7.0	26.0	470
459046		2.41	13.30	0.06	2.7	0.021	1.86	19.8	10.6	0.49	268	0.29	1.94	5.9	13.8	710
459047		2.09	13.80	0.05	4.0	0.021	2.12	18.2	10.0	0.55	255	0.30	2.43	6.1	13.0	430
459048		1.99	14.90	0.07	5.1	0.023	1.96	20.0	6.4	0.38	199	0.60	2.11	7.3	15.0	270
459049		2.62	15.10	0.07	5.0	0.024	2.16	18.3	11.1	0.66	322	0.38	2.58	8.0	16.6	750
459050		3.37	14.70	0.06	4.5	0.028	1.87	17.6	12.9	0.79	445	0.70	2.40	7.5	18.6	890
459051		2.42	14.85	0.07	3.7	0.025	2.21	19.6	15.1	0.84	318	0.25	2.46	7.0	23.9	710
459052		4.56	15.85	0.06	4.0	0.034	1.64	14.4	24.3	1.26	477	0.45	1.85	7.5	50.0	310
459053		9.31	17.90	0.10	3.7	0.091	0.25	38.9	33.0	3.32	1380	0.76	0.98	35.2	162.0	940
459054		3.34	15.40	0.06	3.8	0.028	1.65	15.8	7.7	0.59	251	0.47	1.95	6.1	14.2	260
459055		6.53	24.7	0.07	4.7	0.085	0.48	23.2	31.6	0.31	487	2.30	0.13	24.3	44.5	510
459056		3.96	15.45	0.06	3.2	0.033	1.94	19.3	18.7	0.90	420	0.38	1.98	6.7	23.0	380
459057		5.95	15.65	0.07	3.8	0.046	1.58	21.8	11.3	0.92	874	0.34	1.84	6.3	17.5	650
459058		3.36	13.55	0.06	3.3	0.028	1.72	15.8	9.6	0.62	319	0.35	2.16	5.9	14.0	390
459059		3.09	13.70	0.06	3.3	0.031	1.87	19.1	11.8	0.67	374	0.36	2.34	5.8	17.0	530
459060		2.82	13.45	0.06	3.8	0.025	1.94	18.4	10.4	0.59	364	0.35	2.50	5.5	14.5	240
459061		3.50	14.70	0.06	3.2	0.029	1.92	16.0	14.2	0.76	415	0.35	2.30	6.4	19.4	240
459062		2.84	14.75	0.07	3.4	0.024	2.07	20.9	16.6	0.73	418	0.45	2.45	6.0	22.6	430
459063		3.02	15.00	0.08	3.7	0.024	2.01	19.5	17.5	0.68	390	0.79	2.26	6.1	21.6	620
459064		3.05	14.80	0.06	3.5	0.028	2.07	17.7	19.7	0.75	476	0.45	2.28	5.9	21.5	620
459065		2.82	15.10	0.07	4.8	0.024	2.08	19.8	11.8	0.60	303	0.39	2.45	6.0	16.7	440
459066		3.36	14.90	0.06	5.7	0.024	1.94	18.9	12.5	0.60	294	0.41	2.33	7.0	14.8	250
459067		3.33	15.25	0.05	3.5	0.028	2.07	18.1	15.3	0.61	285	0.47	1.99	6.3	23.6	540
459068		3.11	16.75	0.06	4.5	0.031	1.98	16.6	12.9	0.56	251	0.56	1.93	7.5	15.9	310
459069		2.61	14.80	0.06	4.7	0.023	2.10	17.6	13.1	0.66	297	0.39	2.27	7.1	16.5	500
459070		0.35	0.23	<0.05	0.2	<0.005	0.01	1.0	15.2	<0.01	31	0.61	<0.01	0.9	2.9	10
459071		3.13	16.10	0.06	3.7	0.026	2.04	17.8	14.8	0.75	341	0.51	2.19	7.0	19.5	310
459072		3.97	15.20	0.09	3.6	0.038	1.72	28.4	21.1	0.73	483	0.82	1.79	6.5	21.4	790
459073		3.11	15.55	0.08	3.9	0.029	2.24	31.8	17.8	0.77	529	0.47	2.26	7.2	23.4	500
459074		2.80	14.45	0.06	5.0	0.026	2.09	18.0	10.7	0.62	318	0.38	2.37	7.4	14.9	280
459075		2.66	14.15	0.07	3.5	0.022	2.08	23.3	10.5	0.63	424	0.43	2.53	6.1	16.1	710
459076		2.45	13.75	0.07	3.9	0.023	2.00	18.9	11.1	0.60	336	0.30	2.48	6.0	18.1	560
459077		2.23	13.45	0.09	4.8	0.021	2.13	20.5	9.6	0.59	298	0.30	2.56	6.0	14.5	610
459078		3.61	15.30	0.09	4.7	0.028	1.91	19.7	13.3	0.67	336	0.55	2.21	6.7	17.8	260
459079		2.35	14.55	0.10	4.6	0.022	2.01	14.0	8.9	0.56	271	0.39	2.36	6.2	12.4	280
459080		2.28	14.25	0.10	4.8	0.018	2.04	16.6	8.9	0.55	259	0.43	2.31	6.5	11.5	160

Comments: **Corrected copy for Au- ICP21 and ME- MS61 on all samples**

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201564

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
459041		13.8	78.1	<0.002	0.01	0.24	8.5	1	0.9	291	0.52	<0.05	5.90	0.273	0.42	1.2
459042		13.9	71.9	<0.002	0.03	0.21	8.3	<1	1.0	275	0.53	<0.05	5.42	0.292	0.42	1.4
459043		15.7	63.9	<0.002	0.02	0.21	7.5	<1	0.9	251	0.50	<0.05	5.29	0.277	0.36	1.1
459044		14.7	60.7	<0.002	0.03	0.26	8.6	<1	1.1	276	0.55	<0.05	5.34	0.332	0.38	1.4
459045		14.1	77.2	<0.002	0.02	0.25	9.5	1	1.0	277	0.52	<0.05	7.20	0.282	0.41	1.6
459046		12.8	67.9	<0.002	0.04	0.17	6.6	1	0.8	258	0.44	<0.05	4.33	0.244	0.33	0.9
459047		12.7	72.9	<0.002	0.01	0.14	7.3	<1	0.9	321	0.47	<0.05	3.54	0.243	0.39	0.9
459048		13.0	70.2	<0.002	0.02	0.20	7.0	<1	1.1	279	0.58	<0.05	4.77	0.303	0.40	1.3
459049		13.6	74.8	<0.002	0.01	0.12	8.1	<1	1.0	342	0.59	<0.05	4.55	0.274	0.37	1.0
459050		13.2	66.5	<0.002	0.02	0.17	7.9	<1	1.0	321	0.58	<0.05	4.13	0.291	0.34	1.0
459051		11.4	79.7	<0.002	0.01	0.16	9.1	<1	0.9	318	0.54	<0.05	4.74	0.269	0.38	0.9
459052		17.4	57.7	<0.002	0.02	0.17	11.4	1	0.9	222	0.52	0.05	6.33	0.344	0.35	1.1
459053		23.1	17.6	<0.002	0.06	0.24	25.1	1	1.5	50.1	2.01	<0.05	4.82	1.530	0.26	1.1
459054		12.3	56.7	<0.002	0.02	0.16	7.0	<1	0.8	236	0.47	<0.05	4.11	0.293	0.32	1.1
459055		22.5	60.8	<0.002	0.05	0.65	12.7	4	3.7	47.4	1.66	0.05	16.20	1.085	0.34	2.8
459056		13.2	73.3	<0.002	0.02	0.19	10.0	1	0.9	243	0.51	<0.05	6.62	0.295	0.40	1.1
459057		9.9	63.8	<0.002	0.02	0.19	15.2	1	0.8	230	0.44	<0.05	6.36	0.361	0.30	1.0
459058		11.2	59.7	<0.002	0.02	0.12	7.9	1	0.7	268	0.41	<0.05	4.12	0.262	0.32	0.9
459059		11.6	66.0	<0.002	0.01	0.14	8.1	1	0.7	302	0.45	<0.05	5.59	0.260	0.34	0.9
459060		11.2	67.3	<0.002	0.01	0.13	7.3	1	0.7	317	0.40	<0.05	5.43	0.231	0.32	0.9
459061		11.3	67.3	<0.002	0.01	0.17	8.5	<1	0.8	286	0.52	<0.05	4.40	0.275	0.33	0.9
459062		12.9	76.6	<0.002	0.02	0.17	7.9	<1	0.9	314	0.46	<0.05	5.83	0.242	0.37	1.1
459063		12.7	74.3	<0.002	0.03	0.19	7.9	1	0.9	288	0.48	<0.05	5.24	0.254	0.42	1.2
459064		12.4	76.2	<0.002	0.02	0.18	7.9	<1	0.8	292	0.43	<0.05	4.54	0.251	0.34	1.0
459065		12.6	71.8	<0.002	0.01	0.16	7.5	<1	0.8	309	0.45	<0.05	5.02	0.258	0.38	1.1
459066		13.7	68.9	<0.002	0.01	0.14	7.6	1	0.9	290	0.52	<0.05	4.91	0.286	0.34	1.1
459067		21.2	78.4	<0.002	0.02	0.16	7.5	1	0.9	254	0.46	<0.05	7.00	0.255	0.39	1.1
459068		14.0	69.7	<0.002	0.02	0.19	7.7	1	1.1	247	0.55	<0.05	4.60	0.319	0.35	1.1
459069		11.9	76.1	<0.002	0.01	0.13	8.0	<1	0.9	292	0.53	<0.05	4.20	0.274	0.40	1.0
459070		0.5	0.4	<0.002	<0.01	0.20	0.2	<1	0.5	0.9	0.07	<0.05	0.67	0.031	<0.02	0.1
459071		13.5	76.8	<0.002	0.01	0.18	8.1	<1	0.9	282	0.57	<0.05	4.51	0.285	0.40	1.0
459072		12.7	70.7	<0.002	0.04	0.20	9.2	1	0.9	229	0.51	<0.05	9.37	0.270	0.40	1.8
459073		13.9	85.5	<0.002	0.01	0.21	9.1	1	1.0	287	0.53	<0.05	6.99	0.279	0.43	1.4
459074		12.9	71.5	<0.002	0.02	0.14	7.6	1	0.9	314	0.52	<0.05	4.61	0.274	0.32	1.0
459075		11.7	73.3	<0.002	0.01	0.15	7.5	<1	0.8	327	0.48	<0.05	6.11	0.252	0.34	0.9
459076		11.6	69.7	<0.002	0.01	0.15	7.7	<1	0.8	319	0.46	<0.05	4.95	0.245	0.33	1.0
459077		12.0	72.8	<0.002	0.01	0.17	7.4	<1	0.8	325	0.49	<0.05	4.62	0.236	0.39	1.0
459078		12.6	66.4	<0.002	0.01	0.18	8.9	1	1.0	280	0.57	<0.05	4.20	0.278	0.35	1.0
459079		12.2	69.3	<0.002	0.01	0.15	7.0	<1	0.9	302	0.49	<0.05	3.04	0.257	0.33	0.8
459080		13.2	70.3	<0.002	0.01	0.15	7.2	<1	0.9	294	0.55	<0.05	3.44	0.260	0.35	0.9

Comments: **Corrected copy for Au- ICP21 and ME- MS61 on all samples**

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201564

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
459041		65	0.5	9.2	50	126.5
459042		66	0.5	9.0	38	184.5
459043		67	0.5	6.9	31	136.0
459044		78	0.6	9.0	36	171.0
459045		67	0.5	12.8	49	157.0
459046		50	0.4	6.5	33	104.5
459047		47	0.4	7.5	26	150.5
459048		58	0.6	7.1	19	202
459049		59	0.3	9.2	32	193.0
459050		72	0.3	8.7	61	175.5
459051		56	0.4	9.4	36	146.0
459052		105	0.4	10.6	55	148.5
459053		268	0.3	24.0	113	153.0
459054		71	0.5	7.2	24	145.5
459055		160	2.3	12.8	45	184.0
459056		70	0.5	9.6	44	117.5
459057		55	0.3	20.8	47	151.5
459058		63	0.3	9.4	25	129.0
459059		63	0.4	9.3	32	120.0
459060		53	0.3	8.7	26	146.0
459061		70	0.4	8.1	36	125.5
459062		56	0.4	10.3	40	126.5
459063		58	0.5	9.3	42	137.5
459064		59	0.5	7.9	45	132.0
459065		57	0.4	8.6	29	177.5
459066		63	0.5	7.9	27	217
459067		56	0.4	7.1	38	132.5
459068		73	0.5	6.3	29	173.0
459069		55	0.5	8.1	32	183.5
459070		2	0.2	0.6	3	7.6
459071		67	0.4	7.9	35	139.5
459072		59	0.5	11.3	87	138.0
459073		60	0.5	12.2	42	149.0
459074		59	0.5	7.7	27	192.0
459075		55	0.4	9.0	33	136.0
459076		51	0.3	10.4	30	147.0
459077		48	0.4	9.2	27	170.0
459078		66	0.5	9.7	31	165.0
459079		55	0.4	7.1	25	159.5
459080		51	0.4	7.2	23	173.5

Comments: **Corrected copy for Au- ICP21 and ME- MS61 on all samples**

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201564

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalized Date: 10- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201566

Project: KAN

P.O. No.: SOILKAN- 041

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 10- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17201566

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
459081		0.35	<0.001	0.12	7.53	2.5	600	1.29	0.09	1.20	0.08	48.8	8.0	53	1.65	33.4
459082		0.84	<0.001	0.03	7.25	2.2	650	1.15	0.09	1.46	0.06	44.0	8.1	54	1.52	24.1
459083		0.69	<0.001	0.06	6.80	3.2	600	1.07	0.09	1.38	0.07	42.5	7.1	45	1.27	10.8
459084		0.46	<0.001	0.03	6.88	1.4	630	1.06	0.09	1.31	0.05	46.9	5.1	47	1.22	13.3
459085		0.41	<0.001	0.03	6.94	2.4	640	1.14	0.10	1.28	0.06	40.0	5.2	48	1.08	14.1
459086		0.36	<0.001	0.05	6.57	2.4	640	1.04	0.12	1.29	0.12	71.6	4.9	45	1.47	33.5
459087		0.27	0.001	0.15	5.87	2.0	530	0.97	0.11	1.40	0.13	127.0	6.5	52	1.45	37.8
459088		0.38	<0.001	0.03	6.27	0.7	670	0.95	0.15	1.18	0.04	53.9	4.0	49	1.42	8.8
459089		0.27	0.005	0.30	5.91	12.2	530	0.99	0.22	1.22	0.56	81.0	15.7	50	2.34	566
459090		0.40	<0.001	0.03	6.40	1.4	630	0.98	0.09	1.25	0.06	36.6	4.2	40	1.20	19.7
459091		0.30	<0.001	0.04	6.74	1.0	690	1.16	0.09	1.42	0.03	168.0	6.0	44	1.47	20.9
459092		0.24	<0.001	0.02	6.37	3.3	630	1.02	0.42	1.09	0.02	53.3	5.2	51	1.71	12.5
459093		0.28	<0.001	0.15	6.45	0.5	650	1.10	0.11	1.04	0.08	82.1	4.1	50	2.51	26.8
459094		0.38	0.001	0.03	5.57	3.2	590	1.14	0.07	0.80	0.04	56.6	8.5	45	1.62	29.0
459095		0.07	0.022	0.17	8.32	13.4	190	0.66	0.28	0.18	0.02	39.7	30.9	553	3.65	371
459096		0.34	0.001	0.07	6.25	2.0	650	1.38	0.12	0.74	0.11	77.6	12.4	50	5.09	44.3
459097		0.39	<0.001	0.07	6.85	2.9	600	1.69	0.17	0.63	0.08	106.5	14.2	63	4.05	45.9
459098		0.30	0.001	0.08	6.30	2.6	520	1.39	0.11	0.77	0.13	75.6	9.8	90	2.61	22.5
459099		0.25	<0.001	0.04	6.54	2.5	620	1.28	0.09	0.86	0.10	55.8	8.8	53	1.53	43.6
459100		0.27	<0.001	0.05	6.32	3.7	620	1.04	0.06	0.83	0.03	48.8	6.4	61	1.41	11.0
459101		0.30	<0.001	0.03	6.35	3.0	720	1.04	0.11	1.40	0.03	34.4	5.7	46	1.55	16.1
459102		0.33	<0.001	0.04	5.29	34.1	430	0.79	0.14	1.01	0.08	26.3	18.9	269	0.94	94.8
459103		0.68	<0.001	0.02	7.33	3.3	710	1.22	0.10	1.48	0.06	53.9	7.1	58	1.33	20.9
459104		0.36	<0.001	0.06	7.08	3.0	710	1.03	0.10	1.39	0.08	52.5	8.8	59	1.33	33.7
459105		0.35	<0.001	0.05	7.38	3.5	760	1.24	0.10	1.64	0.08	59.3	8.6	54	1.36	19.3
459106		0.46	<0.001	0.04	6.83	1.5	730	1.14	0.08	1.48	0.05	51.0	5.9	47	1.19	7.4
459107		0.24	<0.001	0.04	6.90	2.7	680	1.11	0.11	1.30	0.11	44.6	8.1	51	1.52	14.4
459108		0.29	<0.001	0.09	6.41	2.9	650	1.17	0.11	1.45	0.13	56.8	10.8	53	1.70	13.7
459109		0.26	<0.001	0.06	7.12	2.0	680	1.20	0.09	1.45	0.06	41.0	7.6	52	1.57	12.2
459110		0.07	<0.001	0.01	0.11	0.8	<10	0.07	0.01	0.01	<0.02	2.45	0.4	6	0.10	4.6
459111		0.58	0.001	0.18	6.32	2.3	650	1.01	0.10	1.42	0.12	54.3	12.8	53	2.33	57.3
459112		0.25	<0.001	0.03	6.79	12.5	660	1.10	0.11	1.40	0.05	41.3	6.4	48	1.13	15.3
459113		0.25	0.003	0.04	7.15	5.3	620	1.16	0.15	1.34	0.06	53.2	7.8	57	1.28	19.3
459114		0.24	<0.001	0.03	7.12	2.8	640	1.17	0.11	1.53	0.07	41.4	7.5	46	1.42	12.9
459115		0.26	<0.001	0.02	6.89	2.1	720	1.13	0.09	1.52	0.05	39.4	6.6	45	1.33	7.1
459116		0.23	<0.001	0.05	6.70	5.8	630	1.10	0.12	1.39	0.07	38.4	10.4	55	1.53	56.5
459117		0.42	<0.001	0.03	7.00	6.3	680	1.31	0.12	1.48	0.11	63.7	10.6	50	1.52	20.7
459118		0.35	0.001	0.04	6.36	4.7	640	0.95	0.14	1.19	0.08	36.8	6.1	51	1.21	20.3
459119		0.24	<0.001	0.06	7.24	6.1	650	1.30	0.12	1.35	0.11	56.8	10.0	54	1.37	19.4
459120		0.31	<0.001	0.06	6.62	10.5	620	1.16	0.13	1.45	0.11	43.5	10.4	54	1.35	8.8

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201566

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
459081		3.79	16.10	0.12	3.9	0.039	2.06	19.9	17.7	0.72	307	0.38	2.06	7.2	18.8	470
459082		3.30	15.20	0.13	3.9	0.028	2.11	17.7	15.4	0.80	362	0.34	2.51	6.2	20.4	470
459083		3.00	13.50	0.13	3.4	0.031	1.96	16.2	10.9	0.60	421	0.47	2.33	5.6	15.4	670
459084		2.67	14.30	0.13	4.1	0.026	2.08	22.7	10.8	0.64	273	0.43	2.34	5.8	14.0	390
459085		2.80	14.60	0.12	4.9	0.035	2.05	17.6	11.8	0.54	270	0.44	2.35	6.0	13.1	250
459086		2.68	15.40	0.15	4.5	0.034	2.08	43.3	9.7	0.57	257	0.52	2.23	6.7	13.9	340
459087		2.79	13.20	0.21	4.9	0.033	1.71	70.1	9.7	0.69	287	0.74	1.87	6.1	21.7	950
459088		2.53	15.25	0.13	7.5	0.025	2.15	25.6	5.4	0.48	242	0.58	2.07	8.0	10.9	250
459089		3.01	12.75	0.17	3.7	0.041	1.71	47.0	10.7	0.70	426	0.89	1.79	5.4	18.8	1190
459090		2.08	14.75	0.13	4.1	0.021	2.06	18.5	8.0	0.52	227	0.38	2.27	5.7	11.3	220
459091		2.17	14.15	0.25	4.4	0.027	2.25	106.5	10.8	0.61	261	0.33	2.33	6.0	19.3	690
459092		4.05	18.35	0.15	4.0	0.033	2.13	31.6	11.3	0.62	242	1.08	1.98	8.2	16.2	280
459093		1.91	14.65	0.18	3.9	0.030	2.26	46.7	8.7	0.49	203	0.82	1.75	6.2	16.4	1110
459094		4.15	11.40	0.12	3.9	0.030	2.04	27.1	15.8	0.59	980	0.40	1.77	5.6	14.9	510
459095		14.75	20.4	0.09	4.0	0.091	0.43	16.6	20.5	0.23	480	2.35	0.10	13.2	231	440
459096		5.69	13.70	0.12	4.0	0.034	2.58	40.8	32.8	1.12	2310	0.36	1.67	6.4	24.7	600
459097		5.94	15.75	0.15	3.7	0.044	2.63	57.2	30.0	1.02	1210	0.50	1.43	6.8	32.9	590
459098		5.75	15.10	0.13	4.3	0.041	1.71	38.5	18.2	0.72	817	0.45	2.00	10.0	21.5	320
459099		4.00	12.90	0.16	3.9	0.034	2.09	26.9	18.8	0.60	521	0.41	2.07	5.9	20.5	370
459100		3.49	12.90	0.13	4.1	0.030	2.03	23.3	16.0	0.57	310	0.38	1.94	5.5	17.7	340
459101		2.74	15.70	0.13	5.3	0.029	2.35	15.5	9.1	0.71	314	0.61	2.21	7.1	14.5	300
459102		6.94	15.85	0.07	3.5	0.047	1.30	10.8	13.3	1.56	493	1.02	1.49	9.0	71.1	410
459103		3.40	14.90	0.13	5.2	0.035	2.24	25.5	13.7	0.73	350	0.48	2.48	7.2	17.6	240
459104		3.44	15.75	0.15	4.8	0.030	2.52	25.1	16.4	0.75	394	0.63	2.27	6.7	21.7	410
459105		3.27	15.40	0.16	4.2	0.030	2.37	26.7	14.8	0.82	440	0.49	2.58	6.9	21.7	850
459106		2.52	14.70	0.16	4.4	0.024	2.29	24.9	10.0	0.63	321	0.43	2.53	6.0	16.3	540
459107		3.19	15.40	0.12	4.0	0.034	2.06	18.3	16.7	0.65	345	0.57	2.27	6.1	18.8	260
459108		3.41	14.75	0.15	4.0	0.033	1.95	28.3	15.2	0.73	698	0.89	2.16	6.4	18.4	970
459109		3.32	15.25	0.15	4.2	0.025	2.15	17.8	16.2	0.78	362	0.46	2.39	6.7	19.1	430
459110		0.35	0.28	0.05	0.3	<0.005	0.01	1.2	13.5	<0.01	32	0.69	0.01	0.9	2.8	20
459111		2.86	13.70	0.15	3.5	0.032	1.87	27.5	18.0	0.78	1140	0.82	1.93	5.6	25.4	1180
459112		3.43	14.90	0.13	5.2	0.027	2.11	18.0	10.9	0.62	339	0.62	2.42	6.0	14.0	260
459113		4.07	15.80	0.08	5.1	0.033	1.97	24.6	12.2	0.69	347	1.37	2.16	8.3	22.7	280
459114		2.80	14.45	0.08	3.3	0.028	2.03	18.8	14.4	0.69	370	0.60	2.51	5.4	17.1	560
459115		2.75	14.75	0.10	3.9	0.026	2.19	19.0	13.5	0.70	342	0.41	2.49	6.7	16.0	570
459116		3.47	14.85	0.10	3.4	0.031	1.96	17.0	16.2	0.81	465	0.68	2.14	6.9	22.1	560
459117		3.47	14.30	0.12	4.1	0.031	2.04	29.8	15.9	0.74	471	0.72	2.37	6.9	26.5	590
459118		3.46	16.55	0.09	4.4	0.027	2.01	15.9	9.9	0.55	302	0.94	2.14	6.9	16.9	280
459119		3.90	14.65	0.12	3.8	0.032	2.02	24.6	15.2	0.67	413	0.73	2.34	6.6	20.1	300
459120		4.39	14.65	0.11	4.1	0.034	1.89	19.5	18.2	0.71	459	0.79	2.26	6.9	21.6	540

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 10- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201566

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
459081		15.3	79.1	<0.002	0.02	0.13	8.8	1	1.3	237	0.53	<0.05	6.78	0.303	0.39	1.4
459082		13.5	76.2	<0.002	0.01	0.14	8.6	<1	0.8	292	0.55	<0.05	5.53	0.269	0.41	1.0
459083		13.9	72.8	<0.002	0.01	0.15	7.0	1	0.8	285	0.44	<0.05	4.72	0.231	0.34	1.0
459084		17.6	74.4	<0.002	0.02	0.12	7.6	1	0.8	279	0.47	<0.05	6.60	0.256	0.39	1.4
459085		14.5	72.4	<0.002	0.01	0.13	7.3	<1	0.9	287	0.47	<0.05	5.48	0.263	0.40	1.2
459086		20.4	74.7	<0.002	0.02	0.14	7.8	1	1.1	270	0.59	<0.05	5.38	0.285	0.37	1.5
459087		23.2	63.7	<0.002	0.10	0.12	9.4	1	1.0	238	0.47	<0.05	6.89	0.284	0.33	2.4
459088		22.3	76.9	<0.002	0.01	0.11	8.0	<1	1.3	261	0.61	<0.05	6.83	0.343	0.39	1.8
459089		14.1	65.1	<0.002	0.06	0.16	10.2	1	0.9	209	0.41	0.18	6.52	0.264	0.38	2.3
459090		22.1	73.3	<0.002	0.01	0.10	6.9	<1	0.9	276	0.46	<0.05	4.03	0.252	0.39	1.1
459091		18.8	80.6	<0.002	0.02	0.12	7.7	<1	0.9	291	0.45	<0.05	8.10	0.262	0.41	2.5
459092		27.5	79.1	<0.002	0.02	0.15	7.5	<1	1.0	246	0.57	<0.05	5.93	0.325	0.40	1.3
459093		19.3	90.2	<0.002	0.08	0.10	8.1	1	1.0	223	0.55	<0.05	7.79	0.254	0.49	2.3
459094		15.1	77.3	<0.002	0.01	0.16	6.2	1	0.8	196.5	0.37	0.08	6.54	0.242	0.37	1.1
459095		19.8	43.5	<0.002	0.05	0.82	54.1	4	2.4	32.2	1.02	0.11	14.60	0.781	0.25	2.6
459096		18.1	125.5	<0.002	0.01	0.14	7.7	<1	1.0	149.5	0.47	0.12	9.83	0.288	0.55	1.1
459097		15.6	119.0	<0.002	0.01	0.16	9.8	1	1.2	142.0	0.49	0.06	14.00	0.309	0.54	1.5
459098		27.6	70.9	<0.002	0.01	0.13	7.9	1	1.1	168.5	0.66	0.05	10.65	0.382	0.40	1.4
459099		13.6	76.2	<0.002	0.01	0.15	7.3	<1	0.8	214	0.40	0.05	6.75	0.245	0.37	1.1
459100		13.3	71.7	<0.002	0.01	0.13	6.9	<1	0.8	219	0.37	<0.05	5.81	0.239	0.36	1.1
459101		14.9	83.6	<0.002	0.01	0.14	8.0	1	1.1	289	0.51	<0.05	4.15	0.295	0.43	1.1
459102		13.2	43.8	<0.002	0.03	0.23	8.7	<1	1.2	186.0	0.60	0.11	3.34	0.495	0.27	1.0
459103		14.5	77.5	<0.002	0.01	0.18	8.8	1	1.0	316	0.54	<0.05	6.48	0.296	0.44	1.2
459104		14.4	77.7	<0.002	0.01	0.22	8.6	1	1.0	289	0.50	<0.05	5.89	0.301	0.53	1.3
459105		15.7	81.0	<0.002	0.01	0.16	8.8	<1	1.0	334	0.52	<0.05	6.75	0.289	0.43	1.2
459106		13.8	79.4	<0.002	0.01	0.15	7.7	<1	0.9	325	0.46	<0.05	5.83	0.249	0.44	1.1
459107		14.6	75.4	<0.002	0.01	0.16	7.4	<1	0.9	289	0.46	<0.05	5.34	0.268	0.44	1.1
459108		14.5	71.1	<0.002	0.06	0.15	8.6	1	1.0	280	0.49	<0.05	6.14	0.283	0.42	1.5
459109		13.8	79.3	<0.002	0.01	0.13	8.3	<1	1.0	307	0.53	<0.05	4.63	0.265	0.42	1.1
459110		0.6	0.4	<0.002	<0.01	0.18	0.2	<1	0.5	0.8	0.06	<0.05	0.80	0.032	<0.02	0.2
459111		12.2	72.5	<0.002	0.07	0.17	8.4	1	1.0	251	0.44	<0.05	8.34	0.244	0.44	1.8
459112		16.3	70.7	<0.002	0.01	0.20	7.4	1	0.9	309	0.46	<0.05	5.91	0.265	0.38	1.1
459113		16.9	69.0	<0.002	0.02	0.27	9.1	1	1.0	278	0.58	<0.05	6.21	0.314	0.38	1.4
459114		13.3	73.6	<0.002	0.01	0.13	7.7	1	0.8	314	0.40	<0.05	4.74	0.227	0.37	1.0
459115		12.8	80.7	<0.002	0.01	0.12	8.4	1	0.9	319	0.50	<0.05	3.67	0.254	0.37	0.9
459116		13.2	74.2	<0.002	0.03	0.20	9.0	1	0.9	272	0.51	<0.05	4.96	0.267	0.39	1.1
459117		14.1	78.0	<0.002	0.01	0.24	8.9	1	0.8	305	0.50	<0.05	6.16	0.256	0.39	1.3
459118		14.8	68.7	<0.002	0.02	0.27	7.3	1	1.0	269	0.49	<0.05	3.75	0.309	0.39	1.2
459119		14.7	70.4	<0.002	0.02	0.23	8.4	1	0.9	301	0.48	<0.05	6.11	0.258	0.39	1.4
459120		15.2	69.1	<0.002	0.02	0.27	8.1	1	0.9	294	0.48	0.05	4.51	0.267	0.36	1.1

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Finalized Date: 10- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17201566

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
459081		70	0.5	9.7	34	143.0
459082		68	0.4	8.7	40	141.5
459083		53	0.4	8.1	36	130.0
459084		54	0.4	8.6	30	150.0
459085		56	0.4	7.6	25	179.5
459086		62	0.6	9.4	31	169.0
459087		64	0.5	14.2	46	179.0
459088		65	0.7	7.4	23	276
459089		73	0.4	11.7	71	141.0
459090		53	0.4	6.7	22	152.0
459091		46	0.5	19.4	33	159.5
459092		77	2.4	8.3	32	149.0
459093		47	0.4	9.1	26	145.5
459094		45	0.5	8.7	41	149.5
459095		236	1.6	9.8	44	156.0
459096		54	0.8	9.8	75	154.0
459097		65	0.8	11.1	76	144.0
459098		76	0.6	8.7	50	162.0
459099		51	0.5	9.7	39	144.5
459100		50	0.4	7.7	31	156.0
459101		72	0.5	6.9	33	197.0
459102		132	0.4	5.8	60	131.0
459103		66	0.5	9.0	34	191.5
459104		75	0.7	9.1	37	176.0
459105		63	0.5	10.5	46	154.5
459106		55	0.4	9.0	31	159.0
459107		64	0.5	7.5	33	144.5
459108		70	0.5	10.0	43	149.0
459109		64	0.4	8.5	38	157.5
459110		3	0.2	0.6	3	8.0
459111		55	0.5	10.1	59	129.5
459112		69	0.4	7.6	32	189.0
459113		77	0.5	11.1	38	199.0
459114		53	0.4	9.0	35	134.0
459115		54	0.4	9.1	31	153.5
459116		66	0.5	8.5	40	131.0
459117		59	13.6	12.4	49	164.5
459118		83	0.6	6.6	28	175.0
459119		65	0.4	10.7	38	148.5
459120		63	0.4	9.7	49	168.0

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS VO17201566

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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Finalized Date: 9- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201568

Project: KAN

P.O. No.: SOILKAN- 42

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201568

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
459121		0.26	0.003	0.15	5.37	0.8	280	1.98	0.37	0.34	0.27	41.8	13.5	76	8.14	29.5
459122		0.23	<0.001	0.04	0.62	8.3	60	0.79	0.04	1.14	0.32	25.7	4.4	11	0.28	6.0
459123		0.21	<0.001	0.03	0.80	3.5	60	0.63	0.05	0.67	0.15	22.7	6.9	16	0.23	6.8
459124		0.26	<0.001	0.04	7.32	0.2	340	1.59	0.12	0.14	0.02	36.0	9.4	73	17.40	21.9
459125		0.28	0.069	0.04	0.50	1.0	40	0.50	0.02	0.91	0.16	21.1	3.1	6	0.48	4.3
459126		0.20	<0.001	0.07	5.32	0.2	250	2.31	0.17	0.01	0.20	35.9	13.9	82	13.75	17.2
459127		0.19	0.007	0.39	1.84	0.7	190	0.54	0.08	1.54	1.39	22.3	7.8	32	1.63	42.2
459128		0.26	<0.001	0.05	8.07	0.6	590	1.73	0.19	0.09	0.25	81.0	17.4	73	5.59	27.0
459129		0.31	0.001	0.12	5.13	6.9	590	0.90	0.12	0.66	0.04	37.0	6.4	51	2.33	35.4
459130		0.32	<0.001	0.04	1.85	1.9	160	0.83	0.08	0.32	0.13	18.80	6.5	18	1.74	7.1
459131		0.38	<0.001	0.13	7.12	1.6	540	1.67	0.19	0.45	0.14	63.9	14.7	72	5.51	32.6
459132		0.38	0.003	0.12	7.33	3.8	650	1.69	0.18	0.89	0.33	61.3	15.6	63	4.12	45.6
459133		0.19	<0.001	0.20	6.50	3.8	510	1.61	0.24	0.88	0.22	56.5	18.0	70	5.93	36.3
459134		0.33	<0.001	0.25	8.77	0.5	580	1.47	0.24	0.20	0.06	105.5	5.8	80	3.61	20.3
459135		0.07	<0.001	0.05	9.66	9.8	160	1.02	0.38	0.31	0.05	52.8	8.0	118	6.48	33.8
459136		0.31	0.005	0.07	7.74	2.8	520	1.39	0.52	0.24	0.31	90.3	9.9	77	6.03	24.3
459137		0.37	<0.001	0.01	1.12	9.6	70	1.11	0.07	0.08	0.25	28.8	6.4	18	0.44	5.0
459138		0.34	<0.001	0.02	7.16	1.3	720	1.32	0.10	1.56	0.04	45.9	6.8	44	1.12	11.9
459139		0.28	<0.001	0.07	6.76	1.3	720	1.37	0.09	1.49	0.04	41.7	7.6	47	1.57	15.4
459140		0.26	0.003	0.06	6.90	2.8	690	1.40	0.10	1.88	0.06	60.7	14.8	53	2.03	31.3
459141		0.32	<0.001	0.04	7.08	1.3	760	1.36	0.10	1.61	0.05	50.4	6.6	46	1.33	8.1
459142		0.23	<0.001	0.04	7.21	1.5	760	1.46	0.10	1.64	0.05	57.4	6.6	43	1.20	10.1
459143		0.23	0.001	0.02	6.71	1.4	730	1.28	0.11	1.43	0.03	45.0	6.9	51	1.41	7.0
459144		0.25	<0.001	0.04	6.92	1.0	710	1.33	0.10	1.65	0.05	62.4	6.7	45	0.94	16.2
459145		0.22	<0.001	0.03	6.96	0.8	750	1.24	0.10	1.66	0.07	50.6	6.5	43	1.17	7.7
459146		0.21	<0.001	0.03	7.47	1.5	750	1.38	0.11	1.41	0.06	66.2	9.6	63	1.64	13.4
459147		0.23	<0.001	0.02	6.90	2.9	730	1.25	0.10	1.74	0.06	51.4	7.8	50	1.34	20.6
459148		0.28	<0.001	0.03	6.84	2.6	720	1.30	0.13	1.55	0.03	41.8	9.0	59	2.05	11.4
459149		0.22	0.002	0.04	6.85	5.3	720	1.13	0.12	1.37	0.07	33.2	7.0	53	1.51	22.3
459150		0.07	<0.001	0.01	0.10	0.8	<10	0.07	0.02	0.01	<0.02	2.34	0.4	5	0.09	4.8
459151		0.22	<0.001	0.01	6.89	4.7	580	1.81	0.12	1.11	0.03	59.8	17.7	81	2.11	50.1
459152		0.24	0.002	0.03	7.24	6.3	490	1.91	0.11	0.70	0.08	58.9	18.0	87	2.54	41.5
459153		0.27	<0.001	0.03	6.95	2.0	550	1.60	0.08	1.11	0.07	60.3	16.6	83	2.13	39.3
459154		0.20	0.003	0.09	7.31	3.3	560	2.37	0.10	1.32	0.09	117.0	22.5	91	3.09	170.5
459155		0.24	<0.001	0.04	7.06	3.5	570	1.55	0.09	0.95	0.06	68.6	14.8	86	2.44	42.7
459156		0.28	<0.001	0.04	7.51	2.3	650	1.54	0.09	0.89	0.04	80.6	11.1	87	2.52	48.9
459157		0.20	<0.001	0.07	7.21	1.0	560	1.49	0.10	0.70	0.08	50.4	7.4	76	1.92	38.7
459158		0.22	<0.001	0.11	6.20	4.6	490	1.56	0.17	0.51	0.06	40.2	6.2	76	3.22	31.8
459159		0.17	<0.001	0.02	6.70	2.9	390	1.51	0.16	0.54	0.05	56.7	9.8	79	3.67	27.3
459160		0.13	<0.001	0.03	6.69	3.0	400	1.77	0.16	0.52	0.08	61.4	9.9	77	3.43	28.3

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201568

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
459121		14.80	13.05	<0.05	1.4	0.037	2.28	22.3	46.2	1.07	11100	1.30	0.17	6.9	32.3	400
459122		33.5	1.86	0.09	0.4	0.012	0.10	15.0	4.8	0.75	13800	1.53	0.08	1.4	6.4	730
459123		24.8	2.06	0.05	0.5	0.013	0.14	12.6	3.4	0.45	11100	0.86	0.11	3.5	8.4	640
459124		8.77	17.05	<0.05	1.5	0.040	2.54	21.6	67.5	1.41	709	0.30	1.10	5.5	18.9	180
459125		28.8	1.91	<0.05	0.2	0.007	0.09	13.1	8.6	0.73	8060	0.37	0.04	0.9	3.7	650
459126		12.95	12.75	<0.05	1.2	0.042	2.13	19.5	50.7	0.94	5780	1.02	0.02	7.4	26.3	390
459127		9.66	4.70	<0.05	1.0	0.018	0.43	11.9	9.1	0.65	11000	0.81	0.33	4.0	28.5	1040
459128		6.44	18.95	0.07	5.4	0.044	4.26	42.1	57.4	0.77	936	1.31	0.41	4.9	30.4	340
459129		10.10	14.25	<0.05	3.9	0.040	2.33	19.2	14.4	0.61	638	1.07	1.21	6.5	14.9	570
459130		16.00	4.94	0.08	1.0	0.008	0.53	9.9	5.6	0.45	3210	0.56	0.38	3.0	6.5	670
459131		6.44	18.55	0.12	3.7	0.035	2.85	32.8	34.6	0.63	3100	1.38	1.09	7.5	30.9	540
459132		5.61	18.10	0.12	4.5	0.034	2.88	33.8	33.6	0.79	1560	1.36	1.61	8.1	42.6	410
459133		7.49	16.60	0.12	3.8	0.034	2.40	31.2	37.7	0.95	3760	1.57	1.16	7.8	34.4	780
459134		3.33	27.9	0.13	6.3	0.047	3.28	56.3	23.7	0.52	125	1.10	0.83	11.2	17.8	310
459135		6.72	27.8	0.11	5.3	0.095	0.49	23.1	38.7	0.31	495	2.73	0.13	24.2	47.4	530
459136		4.62	24.6	0.12	5.2	0.049	2.99	48.1	23.4	0.50	265	0.65	0.47	12.3	23.6	620
459137		7.50	4.61	0.05	0.5	0.019	0.27	18.6	8.2	0.13	1240	0.77	0.07	3.0	21.4	640
459138		2.81	15.80	0.06	4.2	0.033	2.16	19.7	10.9	0.59	318	0.58	2.56	7.5	16.0	630
459139		2.52	15.65	0.06	3.5	0.023	2.11	18.4	11.2	0.68	391	0.62	2.49	6.8	17.4	530
459140		4.13	16.45	0.11	5.2	0.039	1.95	28.7	16.6	1.18	693	0.95	2.40	14.3	26.9	1040
459141		2.50	16.35	0.08	4.3	0.019	2.26	22.7	12.0	0.66	298	0.64	2.62	7.1	17.4	650
459142		2.46	16.00	0.08	4.8	0.020	2.35	25.8	10.0	0.63	327	0.48	2.67	7.1	15.4	810
459143		2.76	16.75	0.05	6.2	0.030	2.27	20.4	12.4	0.73	330	0.76	2.30	8.7	18.6	270
459144		2.88	16.15	0.08	5.0	0.024	2.14	27.0	10.5	0.64	324	0.56	2.64	7.4	15.5	660
459145		2.62	16.00	0.06	5.7	0.028	2.31	22.3	10.3	0.62	330	0.44	2.65	7.9	15.2	680
459146		3.40	17.25	0.07	4.4	0.035	2.32	28.5	19.4	0.84	415	0.88	2.34	8.5	24.9	510
459147		2.78	15.80	0.08	5.2	0.028	2.17	23.8	12.7	0.68	351	0.63	2.59	7.3	19.4	860
459148		3.26	18.50	0.08	3.9	0.029	2.24	19.6	17.5	0.93	374	0.50	2.21	7.7	25.5	690
459149		3.09	18.25	0.06	5.6	0.034	2.28	15.6	11.9	0.77	321	0.50	2.14	9.5	17.6	270
459150		0.35	0.25	<0.05	0.3	<0.005	0.01	1.1	15.2	<0.01	32	0.73	<0.01	1.0	2.7	10
459151		5.86	19.10	0.08	6.4	0.060	1.89	24.5	32.7	0.97	602	1.66	1.78	38.9	39.8	840
459152		7.51	20.4	0.11	6.1	0.061	1.55	27.6	33.7	1.02	916	1.15	1.63	51.6	38.0	480
459153		5.36	18.25	0.09	4.9	0.043	1.87	25.4	25.5	1.09	858	1.00	1.80	24.9	34.9	670
459154		6.06	20.1	0.17	5.9	0.062	1.80	68.7	36.0	1.19	643	1.13	1.85	34.1	80.3	1230
459155		5.40	19.45	0.08	5.7	0.054	1.88	33.2	30.2	1.07	526	0.78	1.84	35.1	44.4	860
459156		3.96	19.35	0.10	4.4	0.045	2.15	41.0	29.0	0.98	319	0.54	1.67	16.3	40.3	630
459157		3.61	22.6	0.07	7.1	0.055	1.76	24.2	16.4	0.69	407	1.00	1.80	33.4	22.3	400
459158		7.53	20.0	0.07	5.1	0.041	1.83	17.3	16.4	0.73	1240	5.12	1.21	26.0	19.9	460
459159		8.33	18.45	0.10	4.4	0.044	1.57	22.8	23.9	0.91	1480	1.82	1.43	25.1	23.0	330
459160		7.81	20.5	0.08	4.4	0.049	1.60	25.7	23.0	0.84	1320	1.63	1.42	25.1	24.4	310

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
459121		4.0	122.5	0.002	0.02	0.12	8.5	1	1.0	40.3	0.47	0.12	5.85	0.224	0.38	1.9
459122		6.3	4.0	0.002	0.05	0.15	1.2	1	0.2	73.8	0.07	0.08	0.85	0.025	0.03	0.5
459123		5.2	4.8	0.002	0.04	0.11	1.4	1	0.3	39.9	0.18	0.05	1.02	0.055	0.04	0.4
459124		2.0	113.5	<0.002	0.01	0.12	8.4	1	1.2	36.3	0.46	0.06	8.74	0.218	0.73	1.4
459125		4.5	3.7	<0.002	0.04	0.09	0.6	<1	<0.2	53.4	0.05	<0.05	0.48	0.012	0.03	0.3
459126		2.2	141.0	0.002	0.02	0.15	8.3	1	0.9	17.1	0.51	0.08	5.06	0.223	0.49	2.3
459127		5.4	23.6	<0.002	0.08	0.11	3.7	1	0.4	92.1	0.25	<0.05	2.38	0.119	0.17	0.9
459128		172.0	161.0	<0.002	0.01	0.19	10.4	1	1.4	31.9	0.27	0.07	14.95	0.252	0.64	3.0
459129		19.8	84.7	0.002	0.12	0.28	7.5	1	0.9	163.5	0.47	0.15	7.67	0.233	0.42	1.4
459130		6.2	28.2	<0.002	0.03	0.15	2.6	1	0.4	51.0	0.20	0.10	2.38	0.079	0.21	0.5
459131		20.3	131.5	<0.002	0.02	0.20	10.6	1	1.2	130.0	0.54	0.09	9.76	0.274	0.49	2.2
459132		29.0	125.0	<0.002	0.02	0.33	10.6	1	1.2	209	0.57	0.12	9.42	0.276	0.55	2.4
459133		68.8	124.0	<0.002	0.05	0.34	11.0	2	1.1	149.0	0.54	0.10	8.91	0.267	0.55	2.4
459134		7.6	137.5	<0.002	0.01	0.16	12.5	1	2.0	92.2	0.74	0.13	15.15	0.380	0.68	2.4
459135		24.7	68.3	<0.002	0.05	0.75	15.5	4	4.2	51.4	1.73	0.06	16.70	1.050	0.37	2.9
459136		8.8	120.0	<0.002	0.02	0.17	11.4	1	1.7	86.8	0.87	0.21	13.70	0.418	0.65	2.3
459137		3.4	11.4	<0.002	0.02	0.11	2.2	1	0.2	9.7	0.11	<0.05	1.44	0.042	0.12	3.0
459138		13.6	79.9	<0.002	0.01	0.11	8.4	1	1.1	337	0.54	<0.05	4.90	0.250	0.40	0.9
459139		13.1	83.9	<0.002	0.03	0.11	7.9	<1	1.0	327	0.51	<0.05	6.18	0.245	0.43	1.0
459140		13.3	78.2	<0.002	0.01	0.21	11.0	1	1.2	314	0.98	<0.05	5.57	0.563	0.39	1.5
459141		14.0	85.4	<0.002	0.01	0.12	8.3	1	1.1	345	0.55	<0.05	4.99	0.252	0.42	1.1
459142		14.8	86.4	<0.002	0.01	0.11	8.3	1	1.0	353	0.52	<0.05	5.09	0.248	0.41	1.1
459143		13.9	86.6	<0.002	0.01	0.12	9.4	1	1.2	304	0.66	<0.05	4.92	0.302	0.45	1.2
459144		14.1	78.0	<0.002	0.01	0.09	8.4	1	1.1	351	0.58	<0.05	9.50	0.253	0.40	1.1
459145		13.7	84.7	<0.002	0.01	0.10	8.2	1	1.0	352	0.62	<0.05	5.36	0.262	0.44	1.1
459146		15.9	89.9	<0.002	0.01	0.15	9.8	1	1.3	313	0.63	<0.05	8.09	0.308	0.47	1.1
459147		13.2	84.3	<0.002	0.02	0.12	8.7	1	1.1	347	0.53	<0.05	5.95	0.258	0.40	1.2
459148		12.8	91.0	<0.002	0.01	0.17	9.7	1	1.2	288	0.59	<0.05	4.95	0.294	0.44	1.1
459149		13.6	89.9	<0.002	0.02	0.17	9.8	<1	1.2	274	0.69	<0.05	4.96	0.339	0.43	1.1
459150		0.5	0.4	<0.002	<0.01	0.19	0.2	1	0.5	0.9	0.06	<0.05	0.75	0.029	<0.02	0.2
459151		14.4	77.3	<0.002	0.02	0.17	13.1	1	1.8	194.5	2.31	<0.05	6.34	0.929	0.32	1.3
459152		13.3	68.9	<0.002	0.02	0.17	15.1	1	2.0	141.5	3.04	<0.05	6.32	1.320	0.30	1.3
459153		12.1	79.4	<0.002	0.01	0.14	13.4	1	1.4	196.5	1.57	<0.05	5.85	0.709	0.34	1.1
459154		34.3	83.7	<0.002	0.03	0.16	15.6	2	2.0	199.0	2.07	0.06	8.40	1.015	0.40	2.1
459155		12.2	82.1	<0.002	0.01	0.15	13.5	1	1.7	194.5	2.08	<0.05	6.96	0.978	0.35	1.2
459156		13.4	91.4	<0.002	0.04	0.21	12.9	1	1.6	195.0	1.04	<0.05	8.12	0.478	0.46	1.5
459157		12.7	72.6	0.002	0.02	0.10	13.8	1	2.4	181.0	2.12	0.06	6.50	0.993	0.43	1.6
459158		12.9	81.6	<0.002	0.03	0.19	11.0	1	1.7	129.5	1.66	0.12	6.42	0.655	0.49	2.5
459159		14.4	71.1	<0.002	0.03	0.15	10.5	1	1.5	120.5	1.66	0.06	7.13	0.603	0.44	2.3
459160		15.7	74.3	<0.002	0.02	0.17	11.0	1	1.8	122.0	1.58	0.08	7.43	0.565	0.45	2.3

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201568

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
459121		115	1.1	5.5	61	56.9
459122		24	0.4	17.4	56	16.2
459123		31	0.3	12.7	28	23.5
459124		55	0.7	3.8	77	57.7
459125		24	0.1	16.5	25	7.4
459126		118	1.0	3.1	80	47.7
459127		47	0.2	8.4	82	45.1
459128		70	1.3	9.7	87	214
459129		61	0.5	5.1	50	150.0
459130		27	0.3	6.6	29	38.2
459131		80	1.1	8.4	78	135.5
459132		75	0.8	11.8	116	159.0
459133		89	0.8	11.1	89	140.5
459134		86	1.5	9.3	47	228
459135		162	2.4	13.9	47	193.0
459136		75	1.3	9.3	70	195.0
459137		34	0.3	9.0	138	19.5
459138		58	0.4	9.1	29	149.5
459139		54	0.4	8.3	36	124.5
459140		94	0.5	13.7	57	193.0
459141		53	0.3	9.6	32	158.0
459142		51	0.4	10.6	31	172.5
459143		64	0.5	8.6	33	226
459144		60	0.4	9.8	30	179.0
459145		54	0.5	9.5	30	203
459146		64	0.6	10.2	42	150.5
459147		58	0.4	10.7	36	190.0
459148		73	0.5	8.7	43	140.5
459149		73	0.6	8.0	37	202
459150		2	0.2	0.7	3	8.6
459151		107	0.8	15.6	79	247
459152		140	0.8	15.4	91	239
459153		106	0.7	13.6	87	195.0
459154		127	0.8	27.9	98	230
459155		112	0.8	15.6	78	225
459156		94	0.8	15.0	64	155.5
459157		107	1.0	12.8	41	267
459158		159	1.2	10.6	51	193.5
459159		125	0.8	13.1	64	174.0
459160		125	0.9	14.4	58	181.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201568

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201569

Project: KAN

P.O. No.: SOILKAN- 043

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 12- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17201569

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
459161		0.21	<0.001	0.02	6.57	3.2	510	1.06	0.11	0.99	0.05	46.5	6.9	67	2.31	43.3
459162		0.28	<0.001	0.06	6.41	6.1	560	1.28	0.14	0.45	0.03	43.3	13.1	119	4.24	59.2
459163		0.38	NSS	1.06	3.78	36.4	360	1.19	0.31	0.42	0.03	47.5	2.4	77	1.92	80.8
459164		0.34	<0.001	0.07	7.77	4.2	690	1.72	0.13	0.89	0.07	80.8	13.8	75	3.29	42.2
459165		0.28	0.011	0.03	6.07	3.2	510	1.10	0.13	1.00	0.06	38.5	8.5	73	1.91	18.4
459166		0.31	<0.001	0.05	7.02	3.2	620	1.23	0.11	1.08	0.08	60.3	11.1	85	2.29	34.5
459167		0.19	<0.001	0.07	7.06	3.6	560	1.22	0.12	1.09	0.04	42.0	8.9	85	2.10	16.9
459168		0.25	<0.001	0.05	7.32	4.2	600	1.38	0.12	1.17	0.04	49.5	11.1	78	2.36	28.2
459169		0.19	<0.001	0.09	6.61	2.3	440	1.16	0.10	1.57	0.28	40.1	11.1	83	1.44	106.5
459170		0.29	<0.001	0.04	6.66	4.7	510	1.23	0.16	0.75	0.06	54.8	11.7	87	2.96	47.1
459171		0.14	<0.001	0.12	5.28	4.7	450	0.98	0.14	1.23	0.16	37.0	7.7	74	1.83	38.8
459172		0.32	<0.001	0.03	6.65	2.6	570	1.28	0.10	1.17	0.06	40.6	7.0	61	1.56	19.2
459173		0.35	<0.001	0.03	6.77	21.7	600	1.05	0.11	1.22	0.05	36.0	8.7	80	2.25	17.9
459174		0.28	<0.001	0.02	6.57	3.5	530	1.47	0.09	0.86	0.07	47.6	9.8	75	2.01	32.7
459175		0.07	0.021	0.14	8.51	13.6	190	0.68	0.31	0.18	0.03	39.5	30.1	565	4.02	375
459176		0.25	<0.001	0.03	6.19	1.3	520	0.89	0.08	1.16	0.09	37.3	6.0	64	0.80	20.8
459177		0.22	<0.001	0.07	6.73	2.5	540	0.96	0.08	1.61	0.06	33.3	9.7	62	1.31	53.4
459178		0.35	<0.001	0.04	6.97	2.8	570	1.16	0.08	1.46	0.04	37.4	11.6	73	1.41	47.5
459179		0.26	<0.001	0.03	8.13	4.9	610	1.85	0.12	0.82	0.07	115.5	20.6	81	3.20	80.0
459180		0.24	0.005	0.06	7.17	12.4	510	1.35	0.16	0.63	0.06	47.2	8.7	95	3.03	28.9
459181		0.46	<0.001	0.05	6.75	3.7	520	1.32	0.09	1.32	0.06	40.6	11.7	85	1.71	40.7
459182		0.27	<0.001	0.05	6.39	3.4	300	1.50	0.08	1.96	0.10	44.6	28.2	332	1.57	41.4
459183		0.28	<0.001	0.06	6.22	5.2	420	0.97	0.12	1.23	0.10	36.0	9.7	88	1.65	48.0
459184		0.26	0.001	0.02	6.21	1.0	130	0.51	0.06	4.73	0.14	17.70	28.6	144	0.42	47.2
459185		0.27	<0.001	0.02	6.77	3.3	630	1.41	0.11	1.36	0.08	40.8	5.6	44	1.28	4.7
459186		0.23	<0.001	0.04	6.52	1.0	680	1.31	0.09	1.37	0.08	36.3	4.8	34	1.02	3.4
459187		<0.02	<0.001	0.02	6.52	8.6	590	1.35	0.08	1.09	0.03	36.8	4.9	37	1.35	7.1
459188		0.29	<0.001	0.05	6.74	3.4	690	1.45	0.11	1.46	0.12	65.3	10.2	50	1.70	20.9
459189		0.20	<0.001	0.04	7.00	2.9	670	1.33	0.09	1.40	0.09	48.5	6.9	46	1.53	10.5
459190		0.07	<0.001	<0.01	0.10	0.8	10	0.07	0.01	0.01	<0.02	2.40	0.4	5	0.09	4.7
459191		0.22	<0.001	0.03	6.63	2.8	660	1.28	0.11	1.38	0.09	37.7	5.6	40	1.23	7.9
459192		0.20	<0.001	0.03	5.98	3.7	590	1.04	0.13	1.11	0.06	32.4	5.1	41	1.05	8.1
459193		0.26	0.003	0.03	6.69	0.9	730	1.34	0.09	1.40	0.06	33.1	5.5	35	1.15	2.9
459194		0.22	<0.001	0.02	6.39	2.6	670	1.17	0.13	1.42	0.06	37.8	6.2	45	1.08	5.8
459195		0.26	<0.001	0.02	6.68	3.7	690	1.41	0.09	1.47	0.04	39.4	5.6	39	0.94	3.8
459196		0.20	<0.001	0.04	6.76	2.5	690	1.38	0.11	1.33	0.04	42.0	5.3	43	1.00	5.2
459197		0.30	<0.001	0.03	6.92	1.9	730	1.39	0.10	1.58	0.06	59.8	7.4	45	1.34	14.3
459198		0.19	<0.001	0.12	6.57	2.6	690	1.18	0.10	1.43	0.09	34.4	5.9	41	1.61	4.7
459199		0.18	<0.001	0.03	6.71	2.6	620	1.22	0.08	1.25	0.10	33.9	5.6	40	1.20	7.5
459200		0.18	<0.001	0.03	6.72	3.3	650	1.12	0.09	1.26	0.08	36.0	5.5	42	1.31	8.1

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CERTIFICATE OF ANALYSIS VO17201569

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
459161		3.82	16.20	0.09	5.0	0.047	1.83	23.0	17.2	0.81	422	0.88	1.57	14.7	19.2	550
459162		8.71	19.10	0.09	4.9	0.071	2.30	16.9	22.4	0.94	709	1.76	1.19	18.5	37.6	920
459163		25.5	11.40	0.19	3.7	0.039	1.12	25.6	5.7	0.76	127	28.1	1.02	62.4	5.8	1360
459164		4.11	18.40	0.13	5.0	0.040	2.56	43.8	28.9	0.82	831	0.83	1.87	13.2	37.1	480
459165		4.99	15.65	0.08	4.6	0.038	1.69	18.7	15.1	0.74	515	1.28	1.71	14.2	24.3	460
459166		5.23	16.50	0.11	4.3	0.045	1.98	29.4	19.4	0.85	631	0.89	1.99	12.3	27.4	570
459167		4.77	14.85	0.08	3.5	0.040	1.86	20.8	20.7	0.89	452	0.67	1.86	11.7	27.9	670
459168		4.46	16.65	0.09	3.8	0.038	2.03	23.0	27.1	0.97	525	0.56	1.95	10.9	30.8	670
459169		4.60	15.75	0.08	4.9	0.042	1.46	17.7	15.5	0.99	713	0.88	1.60	13.9	28.0	950
459170		5.80	15.55	0.10	3.4	0.042	1.76	29.2	26.0	0.93	726	1.64	1.59	14.3	41.3	400
459171		4.48	14.40	0.09	3.5	0.037	1.31	17.5	12.3	0.68	436	1.00	1.37	10.4	26.9	810
459172		3.74	14.60	0.09	3.5	0.033	1.87	20.3	16.9	0.68	434	0.70	2.08	10.8	21.1	600
459173		4.21	17.10	0.07	4.1	0.032	1.86	17.8	17.1	0.91	507	0.63	2.07	11.6	25.0	150
459174		5.09	17.35	0.11	5.0	0.045	1.76	24.6	22.6	0.87	465	0.97	1.73	29.7	32.2	430
459175		14.80	21.1	0.10	4.1	0.100	0.41	18.3	21.7	0.22	478	2.38	0.10	15.9	237	440
459176		3.85	14.20	0.08	5.0	0.031	1.59	18.8	10.8	0.64	365	0.65	1.78	11.8	18.2	400
459177		5.12	17.35	0.08	3.9	0.045	1.74	16.6	14.6	0.95	492	0.66	1.83	8.9	21.8	460
459178		3.96	16.65	0.09	4.5	0.034	1.92	18.8	17.8	1.17	465	0.43	1.99	15.2	41.6	520
459179		5.48	19.45	0.17	5.0	0.047	2.37	54.6	38.1	1.13	849	0.71	1.71	28.2	49.0	550
459180		5.76	16.50	0.09	4.5	0.042	1.93	20.7	30.1	0.79	514	0.85	1.57	15.9	28.8	380
459181		4.28	16.35	0.10	3.5	0.041	1.78	19.2	20.1	1.03	501	0.49	1.91	10.9	32.8	470
459182		6.83	20.2	0.10	4.2	0.056	1.02	19.6	28.6	2.88	612	0.52	1.82	29.2	133.5	320
459183		5.66	15.95	0.10	4.1	0.041	1.40	16.8	15.4	0.92	486	0.72	1.61	12.1	27.3	370
459184		8.61	18.60	0.09	1.3	0.082	0.44	7.9	8.8	2.93	1100	1.25	1.25	6.0	55.4	390
459185		3.19	17.00	0.08	3.8	0.027	2.05	18.7	9.4	0.54	312	0.85	2.38	7.3	12.2	280
459186		2.18	14.55	0.10	4.1	0.021	2.14	16.1	9.1	0.49	256	0.44	2.55	6.4	11.4	420
459187		2.55	13.45	0.11	4.1	0.037	2.34	16.5	17.8	0.56	262	0.45	1.76	5.4	10.8	1020
459188		3.22	15.55	0.11	4.2	0.027	2.07	25.2	18.2	0.71	587	0.57	2.30	6.6	22.4	630
459189		3.01	16.10	0.10	4.6	0.030	2.10	23.7	14.5	0.62	351	0.48	2.32	7.1	16.4	570
459190		0.33	0.26	<0.05	0.3	<0.005	0.01	1.2	15.2	<0.01	31	0.66	<0.01	1.0	2.7	10
459191		2.92	17.15	0.11	4.7	0.022	2.06	16.5	11.4	0.54	295	0.65	2.38	7.7	13.3	360
459192		3.74	18.10	0.09	4.8	0.028	1.79	15.3	9.3	0.47	247	0.48	1.95	7.6	10.7	210
459193		2.37	18.80	0.09	4.5	0.021	2.31	15.5	11.2	0.59	265	0.37	2.61	7.4	12.5	290
459194		2.74	17.65	0.08	6.0	0.030	2.06	18.3	8.5	0.65	320	0.91	2.39	9.0	14.7	300
459195		2.57	15.95	0.11	5.2	0.019	2.16	17.7	9.3	0.53	275	0.45	2.59	7.7	12.0	440
459196		2.98	18.25	0.09	5.6	0.031	2.11	19.6	9.4	0.53	253	0.53	2.33	7.9	11.7	240
459197		2.74	15.75	0.11	5.8	0.025	2.29	29.4	12.4	0.66	392	0.49	2.57	7.6	17.9	710
459198		2.68	16.25	0.11	5.2	0.029	2.16	15.9	9.1	0.58	383	0.75	2.40	7.7	11.9	400
459199		2.86	14.50	0.09	3.8	0.021	1.92	15.7	11.8	0.52	272	0.42	2.24	6.0	12.5	440
459200		2.90	15.75	0.09	3.9	0.026	2.04	17.6	11.1	0.53	259	0.43	2.28	6.6	12.9	360

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201569

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
459161		13.5	72.4	<0.002	0.04	0.15	11.0	1	1.3	180.5	0.97	<0.05	6.76	0.427	0.47	1.7
459162		16.6	100.5	<0.002	0.12	0.27	12.0	1	1.5	120.5	1.26	0.12	16.10	0.515	0.58	1.8
459163		27.8	43.1	0.002	2.35	0.95	9.7	29	2.8	19.3	2.92	4.76	7.36	0.509	1.71	5.3
459164		16.7	114.0	<0.002	0.01	0.16	11.4	1	1.4	221	0.88	0.06	9.76	0.372	0.57	2.1
459165		13.2	65.9	<0.002	0.04	0.16	10.0	1	1.2	200	0.87	<0.05	5.23	0.438	0.38	1.2
459166		13.9	78.7	<0.002	0.03	0.16	10.6	1	1.1	231	0.79	0.05	6.73	0.383	0.44	1.6
459167		14.3	71.8	<0.002	0.02	0.18	9.6	1	1.0	211	1.25	<0.05	6.68	0.400	0.40	1.2
459168		14.8	82.7	<0.002	0.02	0.20	10.7	1	1.2	228	0.73	<0.05	6.98	0.380	0.47	1.2
459169		11.8	55.1	<0.002	0.05	0.15	15.6	1	1.1	179.5	0.88	<0.05	5.82	0.463	0.31	1.3
459170		15.7	78.9	<0.002	0.03	0.20	9.6	2	1.1	166.5	0.93	0.07	7.93	0.420	0.44	2.0
459171		13.7	56.4	<0.002	0.05	0.18	9.6	1	1.2	157.5	0.71	0.08	5.07	0.370	0.39	1.2
459172		15.3	71.6	<0.002	0.01	0.12	8.3	1	0.9	248	0.72	<0.05	4.86	0.335	0.39	1.2
459173		12.2	74.5	<0.002	0.01	0.15	9.9	1	1.1	234	0.76	<0.05	4.86	0.415	0.41	1.0
459174		12.1	70.5	<0.002	0.01	0.14	11.4	1	1.5	185.0	1.83	<0.05	5.72	0.813	0.34	1.2
459175		20.5	43.1	<0.002	0.05	0.85	53.0	3	2.6	33.1	1.12	0.11	15.00	0.778	0.26	2.7
459176		13.0	51.7	<0.002	0.02	0.14	9.3	1	1.0	218	0.76	<0.05	4.92	0.400	0.29	1.1
459177		12.3	60.3	<0.002	0.02	0.17	13.6	1	1.1	217	0.62	<0.05	4.33	0.460	0.33	0.9
459178		11.0	67.3	<0.002	0.01	0.11	11.0	1	1.1	237	0.99	<0.05	4.63	0.472	0.36	1.0
459179		15.7	102.0	<0.002	0.01	0.14	13.0	1	1.7	181.0	1.69	<0.05	9.57	0.662	0.50	1.8
459180		21.1	77.6	<0.002	0.02	0.21	9.8	1	1.2	164.0	1.03	0.07	7.93	0.444	0.42	1.5
459181		13.2	71.9	<0.002	0.01	0.17	12.0	1	1.1	214	0.74	<0.05	4.93	0.391	0.41	1.0
459182		10.9	41.0	<0.002	0.02	0.27	19.1	1	1.9	205	1.67	<0.05	3.39	1.015	0.28	0.8
459183		16.7	52.6	<0.002	0.02	0.19	11.4	1	1.1	179.5	0.84	<0.05	5.10	0.511	0.31	1.2
459184		4.7	15.6	<0.002	0.02	0.15	35.5	2	1.2	111.0	0.40	0.05	1.70	0.729	0.09	0.4
459185		15.0	79.3	<0.002	0.01	0.16	7.7	1	1.0	308	0.55	<0.05	6.09	0.248	0.37	1.1
459186		13.6	75.2	<0.002	0.01	0.11	6.6	1	0.9	328	0.49	<0.05	3.95	0.206	0.38	0.9
459187		14.3	81.2	<0.002	0.02	0.54	5.7	1	0.8	233	0.41	<0.05	5.92	0.191	0.50	4.3
459188		14.9	79.2	0.002	0.01	0.20	8.5	1	1.0	304	0.51	<0.05	6.06	0.251	0.43	1.3
459189		14.8	79.5	<0.002	0.01	0.19	8.1	1	1.0	303	0.58	<0.05	6.95	0.258	0.46	1.3
459190		0.6	0.5	<0.002	<0.01	0.19	0.2	<1	0.5	0.9	0.08	<0.05	0.76	0.029	<0.02	0.1
459191		15.4	72.5	<0.002	0.01	0.20	7.1	<1	1.2	310	0.58	<0.05	4.09	0.283	0.43	1.0
459192		14.6	61.5	<0.002	0.02	0.25	7.5	1	1.2	257	0.61	<0.05	3.84	0.316	0.36	1.1
459193		15.3	81.6	<0.002	0.01	0.09	6.9	1	1.2	335	0.61	<0.05	3.42	0.292	0.43	0.8
459194		22.8	72.9	<0.002	0.02	0.15	8.2	<1	1.4	316	0.70	<0.05	4.61	0.322	0.47	1.3
459195		13.8	76.3	<0.002	0.01	0.11	7.4	<1	1.1	340	0.60	<0.05	3.79	0.253	0.41	1.0
459196		17.6	75.3	<0.002	0.02	0.12	8.0	1	1.2	309	0.61	<0.05	5.08	0.303	0.41	1.1
459197		14.2	81.2	<0.002	0.01	0.17	8.8	1	1.1	336	0.58	<0.05	6.34	0.257	0.48	1.3
459198		15.6	79.7	<0.002	0.01	0.10	7.8	1	1.1	320	0.65	<0.05	4.08	0.279	0.43	1.1
459199		13.6	70.6	<0.002	0.01	0.17	7.5	1	0.8	288	0.47	<0.05	3.88	0.219	0.40	0.9
459200		14.2	74.4	<0.002	0.01	0.20	7.9	1	0.9	293	0.51	<0.05	4.31	0.237	0.41	1.0

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201569

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
459161		94	0.7	14.1	43	199.5
459162		101	0.9	7.8	68	189.0
459163		171	1.1	7.2	30	152.5
459164		79	0.8	13.8	61	184.0
459165		95	0.7	9.2	41	184.5
459166		88	0.7	11.5	53	167.0
459167		83	0.6	9.7	52	139.0
459168		85	0.6	10.5	60	147.5
459169		118	0.7	12.6	53	193.5
459170		81	0.6	10.7	57	141.0
459171		88	0.7	8.0	44	136.0
459172		64	0.5	9.1	42	139.5
459173		98	0.6	7.6	45	163.5
459174		102	0.7	12.4	58	205
459175		236	1.8	11.5	45	171.5
459176		79	0.5	7.7	31	196.5
459177		169	0.5	10.1	44	152.5
459178		95	0.5	10.9	53	167.5
459179		103	0.9	19.7	93	210
459180		86	0.8	9.1	53	177.5
459181		95	0.6	10.5	55	127.0
459182		196	0.5	14.7	77	152.5
459183		128	0.6	9.0	47	144.0
459184		317	0.3	18.3	80	41.9
459185		69	0.4	8.1	33	131.0
459186		45	0.3	8.0	27	145.5
459187		47	0.4	8.2	23	139.0
459188		62	0.5	10.6	50	144.5
459189		57	0.5	9.8	36	157.0
459190		2	0.2	0.6	2	8.4
459191		67	0.5	7.2	38	173.5
459192		89	0.5	6.6	24	179.5
459193		62	0.4	6.5	31	160.5
459194		76	0.4	7.5	33	221
459195		55	0.4	8.4	25	182.5
459196		61	0.5	7.7	24	198.5
459197		57	0.5	12.1	35	205
459198		60	0.4	7.8	32	184.5
459199		53	0.4	7.9	30	134.0
459200		60	0.5	7.9	27	135.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
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Finalized Date: 12- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201569

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non- sufficient sample.
Applies to Method: ALL METHODS

REE's may not be totally soluble in this method.
Applies to Method: ME- MS61

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
Applies to Method: LOG- 22 LOG- 23 SCR- 41 WEI- 21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201571

Project: KAN

P.O. No.: SOILKAN- 044

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17201571

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
459201		0.15	<0.001	0.03	7.34	12.9	560	1.39	0.09	0.91	0.05	35.6	8.9	102	2.58	19.9
459202		0.15	<0.001	0.04	6.94	5.4	520	1.17	0.10	0.98	0.08	38.4	10.3	66	2.42	41.8
459203		0.18	0.004	1.59	5.67	2.0	350	1.16	0.25	0.27	0.16	112.5	4.4	53	3.29	124.0
459204		0.16	<0.001	0.05	7.86	3.4	550	2.16	0.15	0.46	0.06	47.1	11.7	75	3.94	32.8
459205		0.18	0.001	0.02	7.61	3.7	530	1.57	0.15	0.45	0.03	34.6	9.1	79	3.58	36.1
459206		0.19	<0.001	0.03	7.64	13.9	480	1.51	0.10	0.67	0.05	45.2	16.1	75	2.28	58.8
459207		0.17	0.002	0.01	7.75	3.4	600	1.66	0.09	0.75	0.04	49.1	10.2	97	2.42	23.6
459208		0.11	<0.001	0.05	7.06	6.9	490	1.75	0.13	0.64	0.02	56.8	12.6	87	1.93	46.3
459209		0.15	0.003	0.15	6.13	7.1	500	1.29	0.20	0.66	0.09	69.2	9.9	73	4.77	82.5
459210		0.14	0.002	0.02	6.70	2.5	500	1.51	0.07	0.90	0.08	51.5	9.4	94	1.99	23.6
459211		0.14	0.001	0.02	7.15	5.1	490	1.79	0.09	0.83	0.03	57.4	9.9	83	1.81	27.5
459212		0.19	0.001	<0.01	7.28	3.1	550	2.00	0.09	0.79	0.05	63.5	12.8	89	1.65	25.5
459213		0.17	0.002	0.01	7.09	3.1	550	1.44	0.10	0.70	0.03	41.7	9.4	74	1.77	12.4
459214		0.13	<0.001	0.01	7.12	9.5	500	1.63	0.10	0.80	0.05	36.6	11.3	127	2.01	25.8
459215		0.07	<0.001	0.03	9.74	10.7	160	0.98	0.33	0.31	0.05	51.7	7.7	115	6.63	31.3
459216		0.33	<0.001	0.05	6.98	2.1	610	1.32	0.09	1.28	0.07	41.7	7.6	54	1.73	11.8
459217		0.17	0.004	0.03	6.34	3.3	570	1.25	0.13	1.06	0.12	33.2	8.9	72	1.98	9.5
459218		0.19	0.002	0.07	6.84	8.8	500	1.07	0.10	1.34	0.09	60.0	17.7	87	2.74	43.3
459219		0.27	0.002	0.06	7.09	1.8	650	1.57	0.10	1.40	0.05	61.0	10.9	69	2.04	22.8
459220		0.17	0.001	0.08	7.14	2.0	620	1.44	0.14	1.14	0.08	43.6	9.0	80	2.28	13.7
459221		0.19	0.003	0.03	7.07	2.4	600	1.37	0.11	1.21	0.09	44.2	11.2	81	2.12	13.5
459222		0.21	0.001	0.04	7.38	2.9	620	1.39	0.11	1.25	0.16	50.2	12.2	71	2.02	19.6
459223		0.18	<0.001	0.03	6.83	1.7	640	1.25	0.12	1.18	0.05	37.6	9.2	79	1.85	14.0
459224		0.18	0.001	0.03	6.57	4.5	550	1.25	0.11	1.22	0.04	39.0	8.8	62	2.45	9.9
459225		0.15	<0.001	0.05	6.85	3.8	590	1.45	0.13	1.07	0.05	29.9	7.4	71	2.30	6.6
459226		0.24	<0.001	0.04	6.89	6.5	530	1.43	0.11	1.07	0.15	37.4	9.9	86	2.12	18.0
459227		0.16	0.003	0.08	6.11	2.1	530	1.03	0.08	1.30	0.08	36.5	6.1	74	1.65	18.3
459228		0.18	0.001	0.05	7.21	3.3	540	1.28	0.12	1.03	0.08	38.4	11.1	123	2.17	12.6
459229		0.15	<0.001	0.09	6.46	1.7	650	1.11	0.10	1.15	0.06	33.3	4.8	53	2.10	5.2
459230		0.07	<0.001	0.01	0.11	0.8	10	0.06	0.01	0.01	<0.02	2.43	0.4	5	0.10	4.8
459231		0.21	0.002	0.02	6.75	8.3	530	1.33	0.13	1.06	0.08	31.9	10.8	126	2.28	14.9
459232		0.21	0.001	0.04	6.97	3.2	520	1.17	0.09	1.42	0.11	41.0	10.4	86	1.43	57.0
459233		0.18	0.010	0.03	6.34	9.1	520	1.04	0.11	0.98	0.06	25.3	6.3	77	1.47	18.8
459234		0.19	<0.001	0.04	6.77	3.2	510	1.00	0.10	1.27	0.05	39.9	10.5	99	1.36	48.5
459235		0.15	0.001	0.02	6.83	3.4	470	1.22	0.11	0.88	0.15	33.8	9.1	74	2.63	22.1
459236		0.23	<0.001	0.02	6.94	3.9	580	1.38	0.09	1.05	0.04	49.5	8.2	68	2.44	38.3
459237		0.20	0.002	0.05	7.18	3.0	610	1.34	0.09	1.28	0.09	47.5	10.2	73	2.44	45.9
459238		0.19	0.002	0.03	6.59	4.2	530	1.11	0.10	1.06	0.05	36.5	10.0	85	1.98	55.8
459239		0.21	0.001	0.01	6.46	2.1	570	1.12	0.09	1.31	0.05	36.6	7.8	75	1.25	25.1
459240		0.20	0.009	0.02	6.24	2.1	530	1.18	0.08	1.25	0.05	37.6	7.8	75	1.26	41.6

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
459201		4.51	14.70	0.19	3.6	0.037	1.97	18.9	22.2	0.92	347	0.56	1.84	9.0	26.9	220
459202		4.39	17.55	0.06	3.8	0.045	1.83	19.9	17.8	0.92	500	0.52	1.75	9.1	21.5	180
459203		7.90	13.80	0.15	3.5	0.032	1.57	71.5	14.3	0.32	209	2.87	1.03	3.4	18.5	930
459204		5.57	21.8	0.07	5.6	0.064	2.39	26.0	33.8	0.94	444	1.04	1.41	33.3	30.6	460
459205		7.07	24.8	0.07	5.7	0.064	2.19	17.8	28.3	0.88	384	1.09	1.34	35.7	26.4	320
459206		5.92	22.7	<0.05	5.3	0.061	1.73	26.0	26.2	0.96	425	0.82	1.54	34.5	78.6	290
459207		5.14	20.0	0.13	3.7	0.053	2.13	25.4	32.9	1.01	364	0.51	1.75	16.2	32.6	290
459208		7.06	20.2	0.05	6.5	0.064	1.64	25.1	33.3	0.93	504	0.97	1.67	43.2	34.3	320
459209		6.87	16.55	<0.05	4.1	0.039	2.00	35.2	21.1	0.78	611	3.72	1.38	15.9	27.3	810
459210		4.42	18.10	<0.05	5.0	0.050	1.76	27.4	23.3	0.91	345	0.70	1.75	22.7	30.9	370
459211		6.12	21.8	<0.05	7.2	0.062	1.60	30.1	24.9	0.86	424	1.03	1.72	38.0	25.9	250
459212		6.37	21.0	0.05	6.7	0.072	1.76	26.9	33.8	0.91	504	1.01	1.92	45.0	30.5	470
459213		4.74	22.4	<0.05	6.9	0.054	1.90	20.6	23.5	0.83	420	0.74	1.76	34.7	24.4	390
459214		5.90	19.85	<0.05	5.7	0.048	1.71	19.4	32.6	1.06	415	1.02	1.78	24.0	37.5	250
459215		6.80	27.0	0.05	5.1	0.094	0.50	25.7	40.1	0.32	477	2.45	0.14	25.1	45.6	530
459216		3.12	15.85	<0.05	3.6	0.029	2.01	21.4	17.8	0.70	344	0.47	2.29	8.4	23.7	510
459217		4.18	19.55	<0.05	3.7	0.035	1.94	18.3	16.6	0.83	348	2.95	1.89	11.7	26.5	220
459218		5.27	17.30	<0.05	2.9	0.058	1.76	29.5	22.6	1.34	628	1.08	1.91	12.1	43.7	690
459219		3.19	16.60	<0.05	3.6	0.034	2.12	32.7	23.0	0.86	479	0.60	2.28	10.7	32.8	650
459220		3.61	18.45	<0.05	4.2	0.039	2.05	20.1	23.0	0.85	389	0.85	2.09	15.8	28.9	500
459221		3.90	18.80	<0.05	4.1	0.040	1.95	21.3	21.1	0.86	422	0.64	2.09	13.8	36.8	400
459222		3.70	17.50	<0.05	3.7	0.039	2.10	27.0	22.7	0.87	475	0.87	2.12	9.2	31.5	440
459223		3.53	18.45	<0.05	3.5	0.030	2.11	19.4	18.2	0.93	359	0.53	2.06	9.7	29.6	140
459224		3.83	18.20	<0.05	4.0	0.033	2.05	20.9	20.3	0.91	350	0.70	1.87	15.9	23.3	210
459225		4.06	20.8	<0.05	4.2	0.037	1.99	16.1	17.7	0.74	326	0.86	2.00	14.9	25.1	350
459226		4.83	17.55	<0.05	4.0	0.043	1.76	19.4	23.7	0.93	411	0.85	1.96	16.4	33.3	380
459227		4.85	15.00	0.18	3.9	0.048	1.74	16.6	10.4	0.79	351	0.54	2.17	9.7	20.9	410
459228		4.42	17.15	0.17	4.2	0.041	1.82	16.5	21.0	1.03	473	0.54	1.94	13.2	42.8	580
459229		2.43	16.65	0.18	4.6	0.027	2.16	15.2	10.8	0.53	264	0.56	2.20	7.3	17.0	230
459230		0.35	0.29	0.12	0.3	<0.005	0.01	1.1	15.0	0.01	33	0.67	0.01	1.0	2.9	20
459231		5.20	18.30	0.18	4.1	0.036	1.74	15.3	20.3	0.99	401	1.18	1.97	13.9	41.8	360
459232		4.67	15.35	0.20	4.2	0.042	1.70	18.9	15.5	0.95	484	0.70	2.00	9.4	32.9	350
459233		4.50	19.50	0.16	3.8	0.033	1.67	10.0	12.3	0.64	337	0.60	2.00	9.2	20.3	230
459234		4.49	18.90	0.17	4.8	0.048	1.67	18.7	16.0	0.98	455	0.86	1.75	13.5	32.9	360
459235		7.18	23.5	0.17	5.7	0.055	1.67	12.5	13.0	0.73	1030	0.88	1.48	28.0	22.4	460
459236		4.36	18.45	0.18	4.8	0.039	1.88	25.8	16.8	0.73	613	0.62	1.98	10.6	24.2	250
459237		4.25	18.05	0.19	4.1	0.037	1.94	22.3	15.5	0.90	759	0.54	1.98	9.4	28.2	430
459238		4.70	18.75	0.17	4.9	0.031	1.79	16.7	15.9	0.97	615	0.72	1.90	9.8	30.9	310
459239		3.37	16.15	0.17	5.8	0.035	1.86	17.3	11.6	0.85	376	0.37	2.08	10.9	24.5	260
459240		3.27	15.65	0.18	6.0	0.032	1.75	18.1	11.6	0.81	360	0.37	1.97	11.5	24.4	360

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201571

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
459201		12.9	78.8	<0.002	0.01	0.14	10.0	<1	1.0	200	0.65	<0.05	4.52	0.289	0.36	1.1
459202		15.7	74.5	<0.002	0.01	0.16	13.1	<1	1.1	187.5	0.64	<0.05	4.57	0.415	0.35	1.0
459203		28.8	81.3	<0.002	0.08	0.25	6.5	2	0.9	124.5	0.24	0.21	12.85	0.135	0.37	4.5
459204		17.2	113.0	<0.002	0.01	0.11	11.4	1	2.0	144.0	2.00	0.09	8.11	0.701	0.47	1.7
459205		14.5	102.0	<0.002	0.02	0.16	11.5	<1	2.0	139.0	2.12	0.08	7.67	0.728	0.40	1.6
459206		13.7	77.4	<0.002	0.01	0.18	12.4	1	2.0	156.0	1.97	0.05	6.09	0.862	0.37	1.3
459207		12.3	91.0	<0.002	0.02	0.16	11.7	<1	1.5	185.0	0.91	<0.05	6.09	0.406	0.41	1.2
459208		12.9	65.7	<0.002	0.02	0.13	13.0	<1	1.9	151.0	2.52	<0.05	6.25	1.115	0.25	1.4
459209		28.4	102.0	<0.002	0.04	0.26	9.3	1	1.2	158.5	0.97	0.13	8.81	0.476	0.39	1.8
459210		10.0	74.1	<0.002	0.03	0.12	12.0	<1	1.5	175.0	1.30	<0.05	5.67	0.621	0.31	1.3
459211		12.6	65.3	<0.002	0.01	0.14	14.0	<1	1.9	168.0	2.22	<0.05	6.97	0.989	0.28	1.7
459212		13.4	67.3	<0.002	0.02	0.12	13.2	<1	1.9	176.0	2.60	<0.05	6.21	1.030	0.28	1.4
459213		10.4	75.9	<0.002	0.01	0.13	13.6	<1	2.2	174.5	2.02	<0.05	5.72	0.950	0.34	1.5
459214		11.1	67.7	<0.002	0.02	0.16	12.4	<1	1.3	153.5	1.42	0.05	6.14	0.621	0.32	1.6
459215		23.2	69.4	<0.002	0.05	0.66	14.6	3	3.8	51.8	1.67	0.05	17.65	1.025	0.32	3.0
459216		13.0	84.0	<0.002	0.01	0.12	8.2	<1	0.9	274	0.61	<0.05	5.24	0.300	0.34	1.1
459217		12.9	88.3	<0.002	0.01	0.14	9.4	<1	1.2	226	0.82	<0.05	4.42	0.409	0.51	1.1
459218		14.1	80.3	<0.002	0.04	0.15	13.6	1	1.0	228	0.80	0.05	5.23	0.460	0.54	4.4
459219		12.5	92.4	<0.002	0.01	0.12	9.8	<1	1.0	277	0.74	<0.05	9.59	0.367	0.37	1.3
459220		13.6	93.8	<0.002	0.01	0.12	10.0	<1	1.2	246	0.90	<0.05	5.32	0.449	0.37	1.3
459221		13.4	85.7	<0.002	0.01	0.13	10.4	1	1.1	243	0.88	<0.05	4.97	0.442	0.37	1.1
459222		14.5	90.7	<0.002	0.02	0.16	10.4	1	1.0	252	0.65	<0.05	6.37	0.341	0.45	1.3
459223		12.4	89.1	<0.002	0.01	0.13	10.4	<1	1.1	247	0.67	<0.05	4.59	0.377	0.38	1.0
459224		12.0	91.4	<0.002	0.01	0.16	10.9	<1	1.2	219	0.99	0.05	5.31	0.531	0.43	1.2
459225		13.6	87.5	<0.002	0.01	0.12	9.3	1	1.1	233	0.94	<0.05	3.85	0.465	0.38	1.0
459226		14.0	79.1	<0.002	0.02	0.15	10.5	1	1.1	219	0.98	0.05	4.68	0.527	0.37	1.2
459227		10.3	67.0	<0.002	0.03	0.12	8.9	1	0.9	247	0.67	<0.05	5.37	0.401	0.38	1.4
459228		14.2	76.8	<0.002	0.01	0.14	10.0	1	1.2	212	0.89	<0.05	4.92	0.517	0.37	1.1
459229		12.9	84.9	<0.002	0.01	0.10	6.8	<1	1.0	269	0.50	<0.05	4.13	0.290	0.43	0.9
459230		0.7	0.7	<0.002	<0.01	0.19	0.2	<1	0.6	1.3	0.06	<0.05	0.72	0.032	<0.02	0.2
459231		14.5	75.7	<0.002	0.01	0.20	10.5	1	1.2	219	0.95	0.10	4.20	0.557	0.36	1.1
459232		11.8	65.5	<0.002	0.02	0.13	10.3	1	1.0	231	0.70	0.05	4.65	0.383	0.35	1.1
459233		12.3	64.2	<0.002	0.02	0.14	7.6	1	1.0	219	0.64	<0.05	3.51	0.382	0.30	0.9
459234		11.3	63.4	<0.002	0.01	0.17	12.3	1	1.3	194.0	0.87	<0.05	4.58	0.551	0.36	1.1
459235		10.2	67.7	0.002	0.03	0.16	12.3	1	1.9	123.5	1.55	0.06	4.95	0.540	0.29	1.3
459236		13.8	75.8	<0.002	0.01	0.16	9.7	1	1.2	211	0.74	<0.05	11.35	0.380	0.40	1.2
459237		12.4	80.3	<0.002	0.02	0.15	11.5	1	1.2	216	0.64	<0.05	5.29	0.385	0.46	1.2
459238		11.9	69.4	<0.002	0.03	0.15	10.2	1	1.2	192.0	0.73	<0.05	5.24	0.401	0.36	1.1
459239		10.9	69.2	<0.002	0.01	0.12	10.3	1	1.2	240	0.72	<0.05	4.41	0.448	0.34	1.1
459240		10.7	66.4	<0.002	0.02	0.12	10.2	1	1.1	224	0.84	<0.05	4.53	0.431	0.33	1.3

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201571

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
459201		76	0.5	7.6	47	136.5
459202		127	0.7	9.0	40	151.5
459203		65	0.6	8.4	60	136.0
459204		100	1.1	15.0	80	227
459205		121	1.0	13.2	69	235
459206		137	0.9	12.8	52	228
459207		99	0.7	10.1	53	151.5
459208		134	0.8	14.9	67	264
459209		78	0.7	10.8	60	160.0
459210		102	0.7	11.9	46	203
459211		137	1.0	15.6	52	294
459212		124	0.8	17.8	72	279
459213		149	0.9	13.2	51	285
459214		127	0.7	10.7	49	232
459215		160	2.2	14.0	44	190.0
459216		56	0.5	9.1	35	138.5
459217		86	0.6	7.5	47	149.0
459218		97	0.5	14.2	99	117.0
459219		65	0.5	13.5	47	141.5
459220		79	0.6	11.8	49	171.0
459221		82	0.6	9.1	40	160.5
459222		71	0.6	9.9	72	143.5
459223		82	0.5	7.6	38	142.0
459224		104	0.6	9.0	42	161.5
459225		85	0.6	8.1	37	166.5
459226		85	0.6	9.5	54	163.0
459227		67	0.4	8.2	43	145.0
459228		86	0.6	8.5	48	153.5
459229		54	0.6	6.5	25	167.5
459230		3	0.2	0.7	3	8.8
459231		99	0.6	8.4	45	153.5
459232		81	0.5	9.3	49	150.0
459233		89	0.5	5.8	32	142.5
459234		124	0.7	10.5	44	181.5
459235		127	1.0	12.2	51	225
459236		89	0.8	8.8	38	172.0
459237		98	0.7	10.0	47	154.5
459238		97	0.6	8.5	46	183.5
459239		84	0.6	9.0	36	219
459240		77	0.6	9.6	36	214

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201571

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201573

Project: KAN

P.O. No.: SOILKAN- 045

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17201573

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
459241		0.15	<0.001	0.01	6.65	2.9	530	1.16	0.12	1.15	0.05	32.4	8.5	89	1.50	15.8
459242		0.12	<0.001	0.05	6.82	3.5	530	1.34	0.08	1.39	0.05	41.7	10.0	78	1.64	36.0
459243		0.21	<0.001	0.02	6.77	1.9	550	1.21	0.09	1.28	0.04	32.0	8.3	71	1.10	49.1
459244		0.18	<0.001	0.07	6.65	1.7	580	1.24	0.09	1.43	0.07	45.8	8.8	70	1.45	95.8
459245		0.17	<0.001	0.01	6.58	3.5	560	1.23	0.14	1.12	0.04	38.7	9.9	108	1.88	16.9
459246		0.33	<0.001	0.03	7.01	5.0	500	1.36	0.10	1.76	0.09	42.5	19.5	107	1.88	62.9
459247		0.45	0.005	0.01	7.05	4.9	490	1.27	0.11	1.36	0.05	40.7	11.8	104	1.49	53.9
459248		0.26	<0.001	0.06	6.39	4.2	520	1.56	0.12	1.12	0.13	38.4	11.9	98	2.01	58.5
459249		0.31	<0.001	0.04	6.53	4.6	580	1.22	0.13	1.13	0.09	35.4	8.3	77	1.50	32.6
459250		0.30	<0.001	0.05	6.17	5.0	470	1.08	0.14	1.68	0.07	32.9	13.9	90	1.56	28.5
459251		0.20	<0.001	0.08	6.75	3.4	700	1.18	0.14	1.43	0.08	28.4	5.8	40	1.63	13.1
459252		0.17	<0.001	0.05	6.29	4.6	590	1.08	0.13	1.19	0.09	35.9	8.3	48	1.56	25.5
459253		0.30	<0.001	0.05	6.96	2.7	720	1.27	0.11	1.66	0.08	58.9	7.9	46	1.40	20.4
459254		0.26	<0.001	0.06	6.63	3.5	660	1.10	0.12	1.55	0.19	55.0	7.5	46	1.52	13.2
459255		0.07	0.023	0.14	8.13	13.8	180	0.67	0.31	0.18	0.03	40.1	28.9	544	3.89	366
459256		0.28	<0.001	0.03	6.47	6.1	570	0.94	0.22	1.07	0.09	36.6	5.6	48	1.73	18.1
459257		0.41	<0.001	0.03	6.35	3.6	590	1.09	0.13	1.21	0.08	39.9	5.7	43	1.23	18.1
459258		0.31	<0.001	0.11	5.59	10.1	560	1.14	0.11	2.07	0.85	58.5	11.8	35	1.84	59.5
459259		0.25	0.001	0.14	5.07	1.8	360	0.75	0.08	2.58	0.33	49.8	14.5	42	1.25	120.0
459260		0.35	<0.001	0.05	6.85	5.3	500	0.91	0.12	1.15	0.06	54.2	7.0	69	1.24	125.0
459261		0.28	<0.001	0.22	11.05	3.2	900	2.70	0.36	0.11	0.09	167.0	5.5	100	6.12	34.2
459262		0.19	<0.001	0.06	10.25	0.9	880	2.19	0.11	0.14	0.19	204	4.2	89	5.26	48.5
459263		0.38	<0.001	0.14	7.72	1.2	740	1.53	0.12	0.99	0.14	76.8	4.0	60	3.49	17.6
459264		0.36	<0.001	0.07	7.38	4.9	720	1.27	0.13	1.12	0.08	59.1	8.9	60	2.05	16.4
459265		0.30	<0.001	0.18	10.80	17.9	810	2.07	0.35	0.31	0.07	134.5	4.6	89	4.23	64.0
459266		0.30	<0.001	0.03	7.11	4.7	380	1.14	0.11	0.06	0.11	94.0	4.2	55	2.54	10.5
459267		0.27	<0.001	0.65	8.44	32.8	590	2.10	0.51	1.09	0.31	93.3	33.2	81	8.95	329
459268		0.34	<0.001	0.14	6.53	10.7	620	1.21	0.15	1.60	0.33	67.8	14.6	52	1.82	60.2
459269		0.32	0.016	0.37	7.22	2.2	520	1.87	0.30	0.30	0.74	100.5	9.2	80	2.95	102.0
459270		0.07	<0.001	<0.01	0.10	0.6	<10	0.11	0.02	0.01	<0.02	2.65	0.4	6	0.11	4.9
459271		0.25	<0.001	0.06	8.84	2.3	780	1.73	0.08	0.40	0.33	88.3	2.7	68	3.46	25.7
459272		0.61	<0.001	0.11	6.82	6.1	590	1.46	0.12	1.18	0.18	80.0	12.2	58	2.13	50.2
459273		0.26	<0.001	0.13	11.20	0.5	900	2.77	0.21	0.13	0.21	96.6	2.6	97	4.99	85.8
459274		0.38	<0.001	0.04	7.08	4.6	710	1.32	0.09	1.44	0.06	68.0	10.6	57	1.79	16.5
459275		0.38	0.012	0.12	7.14	3.3	240	2.85	0.04	0.99	10.45	117.5	104.0	32	0.90	33.9
459276		0.31	<0.001	0.16	3.57	1.7	260	1.73	0.09	0.45	0.79	48.6	16.2	62	13.85	20.1
459277		0.31	<0.001	0.29	3.75	2.8	300	2.36	0.07	0.62	1.20	57.5	23.1	59	5.73	38.9
459278		0.35	0.027	0.81	5.63	93.3	490	1.09	0.21	0.66	0.24	33.8	6.6	61	2.51	53.3
459279		0.26	<0.001	0.06	0.85	3.6	40	2.21	0.09	1.24	0.19	32.1	9.2	35	0.17	13.4
459280		0.12	0.013	0.05	0.68	2.5	60	0.61	0.06	1.33	0.24	13.55	6.2	14	0.24	9.6

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201573

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
459241		4.67	18.95	0.12	4.0	0.034	1.70	15.0	16.9	0.87	354	0.64	1.92	12.9	27.0	220
459242		4.61	14.95	0.16	4.0	0.035	1.68	20.8	19.1	0.90	449	0.44	2.09	10.7	28.1	450
459243		3.70	14.55	0.17	3.6	0.030	1.74	15.1	16.1	0.76	394	0.36	2.06	8.5	23.3	240
459244		2.95	14.90	0.22	3.8	0.032	1.79	23.0	15.7	0.94	360	0.31	2.03	10.0	28.5	740
459245		4.11	21.3	0.19	4.9	0.038	1.83	16.4	17.2	1.07	449	0.65	1.85	17.4	32.7	170
459246		5.23	15.70	0.21	3.2	0.046	1.66	20.8	22.6	1.38	726	0.53	1.94	10.6	44.9	470
459247		4.89	15.00	0.19	3.3	0.043	1.60	18.2	21.3	1.10	486	0.55	1.92	12.6	37.5	320
459248		4.89	15.90	0.19	3.9	0.041	1.63	18.6	20.9	1.02	572	0.69	1.83	17.7	37.9	540
459249		4.93	17.95	0.20	4.2	0.036	1.85	16.9	15.7	0.80	417	0.56	2.08	14.3	25.2	260
459250		5.23	19.05	0.18	4.1	0.044	1.55	15.2	13.2	1.15	568	0.56	1.77	11.6	34.5	350
459251		2.60	16.00	0.06	4.1	0.025	2.15	12.2	9.0	0.61	349	2.27	2.58	6.5	18.6	380
459252		3.10	14.95	0.07	3.6	0.030	1.75	15.6	15.0	0.60	307	1.01	1.98	6.4	17.9	410
459253		2.96	14.95	0.09	3.9	0.026	2.18	29.7	13.0	0.73	477	0.73	2.53	6.8	17.9	890
459254		2.93	15.05	0.07	3.6	0.032	1.98	28.2	15.2	0.66	471	1.02	2.33	6.8	16.8	760
459255		14.15	21.5	0.09	3.8	0.095	0.40	17.5	21.8	0.22	476	2.57	0.09	14.2	230	420
459256		3.06	18.80	0.07	4.2	0.036	1.88	16.8	11.0	0.62	278	0.99	1.90	7.9	12.9	160
459257		3.07	15.30	<0.05	3.6	0.027	1.78	17.4	11.3	0.55	282	0.81	2.17	6.5	14.7	270
459258		2.47	12.20	0.12	3.1	0.028	1.66	59.4	12.0	0.59	620	0.88	2.01	5.1	28.9	690
459259		4.66	12.00	0.08	2.1	0.044	1.06	34.7	14.1	1.17	569	0.78	1.17	3.8	29.8	1060
459260		4.77	16.70	0.07	3.9	0.040	1.46	25.8	17.3	0.73	323	1.16	1.61	6.8	16.9	620
459261		3.76	32.3	0.18	4.8	0.064	4.15	84.5	20.2	0.49	128	0.97	0.78	6.9	17.6	1080
459262		2.98	29.7	0.20	4.2	0.028	3.83	108.0	15.4	0.44	184	1.45	0.58	8.6	16.6	1180
459263		1.78	21.5	0.09	5.7	0.035	2.56	38.9	13.1	0.49	154	0.81	1.91	9.2	17.1	310
459264		4.36	18.25	0.09	4.9	0.030	2.29	28.0	24.5	0.81	373	1.00	2.07	6.5	19.8	500
459265		4.56	33.4	0.12	5.7	0.055	3.30	67.3	17.0	0.44	163	1.85	1.36	8.7	20.5	630
459266		5.26	15.60	0.11	5.2	0.023	1.76	43.4	19.6	0.45	358	1.01	1.29	3.2	13.6	470
459267		5.34	21.7	0.12	4.6	0.058	2.12	53.9	81.8	0.76	1950	3.32	1.24	6.4	97.2	1150
459268		3.62	14.95	0.09	3.4	0.032	2.06	35.2	16.7	0.71	650	1.77	2.05	6.1	32.9	780
459269		3.95	21.4	0.11	3.2	0.055	2.24	51.0	13.4	0.32	255	2.57	0.52	4.3	42.4	2160
459270		0.36	0.22	<0.05	0.2	<0.005	0.01	1.2	16.4	<0.01	33	0.74	<0.01	1.0	2.8	10
459271		1.80	24.5	0.10	9.0	0.030	3.29	43.8	7.4	0.22	90	0.80	1.21	5.8	11.5	330
459272		4.09	16.10	0.09	4.2	0.033	2.20	40.4	25.7	0.90	554	1.29	1.73	8.8	31.7	810
459273		2.20	34.4	0.14	3.7	0.069	3.81	76.1	9.8	0.27	51	0.66	0.67	10.1	14.5	340
459274		3.36	15.75	0.08	3.8	0.031	2.14	32.9	22.6	0.84	900	1.08	2.28	6.2	21.5	510
459275		20.1	4.60	0.20	1.0	0.046	0.52	75.3	11.1	0.31	4750	3.70	0.51	1.5	344	500
459276		24.3	12.05	0.63	2.5	0.035	0.87	24.8	38.7	0.85	17600	1.55	0.52	15.5	28.9	1160
459277		16.85	11.80	0.10	2.5	0.043	0.75	28.0	35.4	0.74	10850	1.63	0.73	12.7	38.9	920
459278		14.05	14.20	0.09	3.5	0.053	1.69	16.3	12.0	0.58	446	19.40	1.64	6.7	26.7	840
459279		13.65	3.02	0.07	0.8	0.007	0.09	17.7	3.5	0.73	6830	2.26	0.09	7.7	17.6	1260
459280		10.10	1.99	<0.05	0.4	0.008	0.12	7.2	2.0	0.51	5360	0.82	0.11	3.1	11.8	1250

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201573

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
459241		13.1	65.6	<0.002	0.03	0.16	11.0	1	1.2	212	0.75	<0.05	3.91	0.484	0.33	1.0
459242		12.2	63.7	<0.002	0.02	0.17	10.9	1	0.9	230	0.67	<0.05	4.75	0.394	0.30	0.9
459243		11.2	63.9	<0.002	0.02	0.10	9.6	1	0.8	243	0.56	<0.05	4.24	0.319	0.32	0.9
459244		11.7	66.7	<0.002	0.04	0.13	11.4	1	0.9	252	0.68	<0.05	5.76	0.348	0.31	1.3
459245		12.4	71.5	<0.002	0.02	0.16	12.9	1	1.5	200	0.99	<0.05	4.76	0.600	0.36	1.1
459246		11.4	68.4	<0.002	0.01	0.17	16.3	1	1.0	198.0	0.63	<0.05	4.76	0.479	0.32	0.9
459247		12.2	62.5	<0.002	0.02	0.16	12.9	1	1.0	213	0.77	<0.05	5.66	0.451	0.32	1.0
459248		13.9	63.6	<0.002	0.04	0.18	10.8	1	1.1	197.0	1.04	<0.05	5.21	0.451	0.31	1.1
459249		12.6	68.9	<0.002	0.02	0.15	9.9	1	1.1	235	0.91	<0.05	4.37	0.482	0.31	1.0
459250		12.0	61.4	<0.002	0.02	0.18	15.6	1	1.1	185.0	0.69	<0.05	3.79	0.553	0.31	0.9
459251		18.9	82.3	<0.002	0.02	0.21	7.2	<1	0.9	337	0.48	<0.05	3.36	0.238	0.44	1.0
459252		14.8	65.2	<0.002	0.03	0.25	7.6	<1	0.9	258	0.47	<0.05	5.04	0.243	0.43	1.2
459253		14.1	77.1	<0.002	0.01	0.20	8.5	<1	1.0	335	0.52	<0.05	6.26	0.258	0.45	1.4
459254		13.5	75.6	<0.002	0.02	0.20	8.3	1	1.0	307	0.53	<0.05	6.04	0.252	0.45	3.0
459255		20.7	43.1	<0.002	0.05	0.85	52.3	3	2.6	33.0	1.05	0.11	15.25	0.765	0.26	2.9
459256		14.1	70.9	<0.002	0.01	0.35	10.5	1	1.2	220	0.57	0.07	4.62	0.376	0.44	1.4
459257		13.9	64.9	<0.002	0.02	0.24	7.3	1	0.9	273	0.46	<0.05	4.92	0.254	0.39	1.2
459258		15.1	64.6	<0.002	0.04	0.33	7.1	1	0.7	279	0.35	<0.05	5.39	0.200	0.38	8.8
459259		11.1	39.4	<0.002	0.09	0.21	18.2	1	0.7	179.0	0.27	<0.05	4.59	0.242	0.23	3.0
459260		16.9	50.8	<0.002	0.03	0.28	11.2	1	1.0	207	0.45	0.05	7.55	0.316	0.34	1.5
459261		32.7	204	<0.002	0.04	0.20	17.9	<1	2.2	125.0	0.50	<0.05	25.9	0.217	1.03	4.6
459262		22.6	198.0	<0.002	0.06	0.26	16.7	<1	1.2	89.5	0.63	<0.05	22.8	0.300	0.99	5.1
459263		35.6	111.5	<0.002	0.02	0.12	10.2	1	1.4	226	0.63	<0.05	12.45	0.337	0.64	4.3
459264		36.9	87.2	<0.002	0.01	0.18	9.0	<1	1.1	280	0.43	<0.05	8.75	0.266	0.46	1.6
459265		91.6	160.5	<0.002	0.02	0.27	16.7	<1	2.2	132.0	0.60	<0.05	20.7	0.260	0.93	4.2
459266		12.1	84.4	<0.002	0.02	0.15	7.8	<1	0.9	61.2	0.22	<0.05	15.35	0.108	0.42	2.4
459267		58.6	98.4	<0.002	0.06	0.28	13.0	1	1.5	231	0.45	0.06	17.40	0.235	0.63	30.5
459268		20.6	86.0	<0.002	0.04	0.61	8.9	1	0.9	262	0.43	<0.05	7.76	0.221	0.47	3.2
459269		66.4	120.5	<0.002	0.12	0.26	11.5	1	1.4	128.0	0.30	0.05	17.20	0.138	0.62	9.8
459270		0.7	0.6	<0.002	<0.01	0.22	0.2	<1	0.5	0.9	0.06	<0.05	0.78	0.030	<0.02	0.2
459271		19.2	146.0	<0.002	0.03	0.18	8.7	<1	1.6	172.0	0.40	0.05	18.50	0.240	0.83	3.3
459272		16.1	88.0	<0.002	0.02	0.37	11.0	1	1.1	202	0.68	<0.05	9.80	0.387	0.53	3.6
459273		67.3	205	<0.002	0.03	0.18	18.9	1	2.4	161.5	0.75	<0.05	13.15	0.371	1.10	3.8
459274		15.9	80.9	<0.002	0.02	0.17	9.2	1	1.0	313	0.43	<0.05	8.36	0.249	0.48	2.1
459275		6.5	19.9	0.008	0.16	0.20	9.6	3	0.3	79.4	0.11	<0.05	3.40	0.054	0.46	27.0
459276		16.2	66.1	<0.002	0.04	0.17	8.2	2	0.8	83.4	0.95	0.05	4.27	0.345	0.38	2.5
459277		10.1	28.8	<0.002	0.04	0.15	7.2	4	1.0	101.5	0.78	<0.05	6.83	0.259	0.26	3.6
459278		47.8	65.9	0.002	0.09	1.81	8.7	6	1.0	172.0	0.46	0.26	5.22	0.250	0.94	3.2
459279		3.7	3.5	<0.002	0.11	0.10	1.6	1	0.3	28.6	0.42	0.18	1.69	0.107	0.04	0.9
459280		3.1	4.5	<0.002	0.11	0.08	1.3	1	0.2	32.6	0.16	0.07	0.89	0.047	0.03	0.6

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Sample Description	Method Analyte Units LOR	ME- MS61 V ppm 1	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5
459241		112	0.6	8.1	38	160.5
459242		81	0.4	9.9	48	156.5
459243		71	0.4	8.1	34	139.5
459244		74	0.4	11.5	42	148.0
459245		144	0.7	10.4	47	196.5
459246		124	0.4	14.0	60	126.5
459247		94	0.5	10.8	52	129.5
459248		90	0.5	10.5	58	157.5
459249		92	0.6	9.8	46	166.5
459250		154	0.5	11.2	49	165.0
459251		58	0.4	6.4	41	160.0
459252		61	0.4	6.9	35	137.5
459253		59	0.4	11.5	45	151.0
459254		57	0.5	11.1	59	138.0
459255		226	1.6	10.2	43	145.5
459256		103	0.6	8.5	33	161.5
459257		60	0.4	7.6	31	145.0
459258		44	0.3	17.9	159	120.5
459259		125	0.3	14.8	58	80.2
459260		80	0.5	9.9	36	149.5
459261		95	0.9	12.1	49	174.0
459262		88	0.8	10.4	25	150.0
459263		59	0.7	8.7	24	223
459264		65	0.5	9.4	60	188.5
459265		96	1.0	9.9	57	215
459266		62	0.4	9.6	62	198.5
459267		67	0.6	24.3	98	171.0
459268		56	0.4	13.2	100	135.5
459269		67	0.6	10.9	83	118.0
459270		3	0.2	0.6	3	7.8
459271		78	0.8	7.2	27	337
459272		85	0.7	14.9	97	158.5
459273		95	1.1	10.7	26	137.0
459274		57	0.5	11.8	58	141.0
459275		18	0.2	71.9	2050	37.9
459276		150	0.4	12.5	95	104.0
459277		117	0.4	12.8	152	98.8
459278		110	1.0	9.3	180	138.0
459279		33	0.4	10.5	28	36.1
459280		18	0.2	7.2	34	16.4

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201573

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201576

Project: KAN

P.O. No.: SOILKAN- 046

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201576

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
459281		0.30	0.003	0.05	1.72	5.1	140	1.30	0.07	0.60	0.23	31.4	11.6	30	0.22	11.7
459282		0.31	<0.001	0.08	0.86	2.5	80	1.20	0.06	0.80	0.20	18.40	6.2	15	0.28	8.8
459283		0.24	<0.001	0.04	1.06	2.3	100	0.68	0.06	0.50	0.28	14.95	3.7	12	0.19	4.3
459284		0.24	<0.001	0.02	0.45	4.0	50	1.09	0.04	0.57	0.20	13.70	3.7	8	0.09	4.1
459285		0.23	<0.001	0.04	0.58	1.7	70	0.67	0.05	1.10	0.24	17.10	4.1	9	0.12	4.5
459286		0.27	<0.001	0.05	1.73	2.1	130	1.09	0.06	1.16	0.25	26.7	6.5	25	0.17	7.1
459287		0.30	<0.001	0.01	0.14	2.0	10	0.27	0.03	0.04	0.05	6.55	2.0	2	0.06	2.3
459288		0.36	<0.001	0.03	0.89	3.7	70	0.56	0.04	0.45	0.16	23.3	3.1	11	0.18	4.5
459289		0.18	<0.001	0.15	1.08	2.2	110	0.61	0.05	2.01	0.45	18.40	3.9	13	0.33	15.5
459290		0.29	<0.001	0.05	0.63	2.4	80	0.44	0.04	1.01	0.25	15.40	2.8	8	0.18	6.9
459291		0.32	<0.001	0.07	2.38	2.9	200	0.96	0.07	1.24	0.18	37.1	5.1	24	0.29	7.1
459292		0.25	<0.001	0.07	1.65	2.5	130	0.85	0.09	0.90	0.28	25.9	4.4	20	0.22	9.1
459293		0.22	<0.001	0.04	0.43	2.4	50	0.43	0.05	0.88	0.20	14.60	3.1	6	0.15	5.2
459294		0.31	<0.001	0.07	0.49	2.0	60	1.73	0.05	1.13	0.26	23.7	3.1	8	0.11	6.4
459295		0.07	<0.001	0.04	10.15	10.6	170	0.91	0.35	0.33	0.05	51.5	7.9	120	6.57	31.3
459296		0.36	<0.001	0.03	0.49	4.9	60	0.37	0.03	0.47	0.10	10.30	2.5	6	0.08	4.7
459297		0.32	<0.001	0.06	0.52	1.7	50	0.79	0.05	0.82	0.26	14.45	4.6	9	0.07	6.3
459298		0.26	<0.001	0.04	0.39	3.3	40	1.08	0.03	0.54	0.13	11.70	4.3	8	0.05	4.0
459299		0.35	<0.001	0.03	0.22	1.1	20	0.33	0.05	0.35	0.16	7.90	3.9	4	0.06	4.7
459300		0.41	<0.001	0.06	0.37	1.1	20	0.53	0.08	5.67	0.19	15.45	7.1	9	0.08	8.7
459301		0.32	<0.001	0.10	7.18	3.5	650	1.34	0.09	0.82	0.06	54.4	7.3	59	2.30	7.9
459302		0.42	<0.001	0.07	7.10	3.4	730	1.41	0.08	1.00	0.05	68.3	9.1	57	1.71	15.6
459303		0.45	<0.001	0.03	6.82	4.7	670	1.43	0.08	0.95	0.07	59.0	11.0	61	1.63	15.9
459304		0.28	0.001	0.12	2.14	0.2	60	1.09	0.67	0.05	0.12	29.1	8.2	26	6.93	160.0
459305		0.37	<0.001	0.05	7.00	4.2	620	1.38	0.11	0.91	0.08	59.3	9.8	86	2.50	13.2
459306		0.28	<0.001	0.03	6.17	4.7	620	1.09	0.08	0.85	0.04	46.4	5.9	51	1.40	6.0
459307		0.34	<0.001	0.07	6.50	3.6	700	1.16	0.08	0.94	0.05	40.8	5.0	48	1.32	5.1
459308		0.40	<0.001	0.02	6.69	5.2	670	1.47	0.08	0.91	0.05	52.5	14.4	82	1.59	12.2
459309		0.46	<0.001	0.02	6.72	3.0	710	1.42	0.07	1.02	0.04	64.8	9.4	46	1.33	21.8
459310		0.07	<0.001	0.01	0.11	0.6	<10	0.07	0.01	0.01	<0.02	2.37	0.4	5	0.10	4.5
459311		0.41	<0.001	0.02	6.54	3.0	710	1.34	0.07	1.15	0.05	61.9	7.7	42	1.21	14.9
459312		0.44	<0.001	0.03	6.57	5.6	730	1.54	0.08	1.05	0.10	88.8	12.6	45	1.30	22.8
459313		0.55	0.003	0.07	7.78	13.4	620	1.57	0.16	1.07	0.11	114.0	20.9	183	3.40	128.0
459314		0.38	<0.001	0.12	7.11	4.0	630	1.37	0.15	1.55	0.84	246	19.7	51	2.06	104.0
459315		0.26	<0.001	0.04	4.75	0.9	680	0.59	0.10	0.37	0.05	49.7	1.3	32	3.04	30.6
459316		0.29	0.005	0.22	7.05	3.0	600	1.43	0.18	1.18	0.05	285	19.1	57	2.76	68.8
459317		0.35	<0.001	0.03	6.74	2.7	600	1.17	0.29	1.38	0.05	50.5	5.6	48	1.03	9.4
459318		0.38	<0.001	0.03	6.89	1.7	700	1.27	0.07	1.57	0.03	51.6	5.6	40	1.21	10.2
459319		0.33	<0.001	0.04	6.96	0.2	670	1.19	0.05	0.52	0.10	35.2	2.4	56	3.09	11.6
459320		0.31	<0.001	0.05	5.70	0.2	660	0.90	0.06	0.46	0.07	58.0	1.4	35	2.59	9.3

***** See Appendix Page for comments regarding this certificate *****

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201576

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
459281		21.2	4.53	0.12	1.4	0.016	0.29	17.0	5.0	0.60	11800	0.88	0.31	6.7	14.9	1020
459282		15.00	2.45	0.08	0.4	0.008	0.15	10.7	2.1	0.39	6350	1.53	0.15	2.0	9.7	940
459283		18.30	2.55	0.09	0.5	0.009	0.22	7.5	1.6	0.28	4310	0.48	0.24	1.8	5.5	1010
459284		12.40	1.26	0.07	0.3	0.006	0.08	8.4	0.9	0.23	4760	0.43	0.08	1.5	5.4	960
459285		18.80	1.66	0.09	0.2	0.009	0.08	11.3	1.6	0.39	7810	0.84	0.09	1.7	6.3	930
459286		25.7	4.59	0.11	0.9	0.015	0.27	16.1	5.8	0.65	10150	0.83	0.29	3.3	10.2	1040
459287		9.92	0.54	0.06	0.1	<0.005	0.03	3.9	0.5	0.12	1790	0.48	0.02	0.5	1.6	320
459288		27.3	2.32	0.09	0.5	0.009	0.17	12.9	1.4	0.35	4860	0.94	0.17	1.9	4.0	710
459289		15.25	2.43	0.08	0.5	0.010	0.22	10.3	2.5	0.58	4320	0.44	0.23	1.9	7.1	1250
459290		14.10	1.62	0.07	0.4	0.007	0.12	8.3	1.7	0.34	3950	0.37	0.12	1.5	4.9	670
459291		20.8	5.14	0.11	1.5	0.020	0.53	20.5	7.0	0.59	4090	0.99	0.60	2.9	9.0	680
459292		18.30	3.88	0.09	0.9	0.019	0.31	15.2	3.8	0.40	3600	0.79	0.35	2.4	7.5	730
459293		13.60	1.25	0.06	0.2	0.007	0.09	8.1	1.5	0.32	4280	0.35	0.08	1.2	3.9	620
459294		24.1	1.48	0.10	0.3	0.006	0.08	14.8	2.4	0.54	7060	0.50	0.08	1.4	5.0	750
459295		7.10	26.1	0.07	4.8	0.094	0.52	23.7	34.6	0.35	533	2.46	0.14	24.1	47.2	560
459296		12.10	1.44	0.07	0.3	0.006	0.08	6.3	1.5	0.20	3580	0.45	0.09	1.0	3.5	600
459297		27.4	1.81	0.10	0.3	0.008	0.06	8.0	2.1	0.54	11700	0.67	0.06	1.4	5.7	630
459298		21.4	1.40	0.08	0.2	0.006	0.04	6.6	1.6	0.38	7570	0.47	0.04	1.3	5.0	680
459299		15.55	0.80	0.06	0.2	0.005	0.04	5.0	1.1	0.29	5330	0.50	0.03	1.0	2.9	600
459300		22.9	1.61	0.09	0.2	0.016	0.08	8.8	3.5	1.88	10600	0.94	0.01	1.4	9.9	730
459301		4.05	16.05	0.10	3.4	0.038	2.21	27.8	23.9	0.69	446	0.63	1.72	7.3	19.1	550
459302		3.99	14.90	0.10	4.3	0.031	2.39	32.4	21.5	0.71	576	0.41	2.00	7.6	21.3	660
459303		4.59	13.65	0.09	3.7	0.032	2.21	26.7	21.8	0.69	787	0.50	1.90	6.6	21.0	540
459304		21.0	5.29	0.11	0.9	0.038	0.40	17.8	9.5	0.91	1680	0.74	0.01	3.5	16.7	600
459305		5.89	16.95	0.12	4.6	0.038	2.20	27.2	18.5	0.80	912	0.70	1.88	8.5	27.7	700
459306		4.93	13.20	0.11	4.1	0.030	2.03	22.1	14.7	0.53	496	0.52	1.76	6.7	12.6	720
459307		3.81	14.35	0.09	4.5	0.026	2.20	20.1	12.6	0.48	392	0.42	2.05	7.0	11.7	420
459308		4.59	14.15	0.12	3.8	0.033	2.22	23.7	23.2	0.80	692	0.78	1.81	7.1	26.1	490
459309		3.54	12.90	0.14	4.8	0.030	2.28	27.4	18.6	0.59	684	0.46	2.09	6.4	16.0	480
459310		0.35	0.24	0.05	0.2	<0.005	0.01	1.1	15.2	<0.01	33	0.62	<0.01	0.9	2.6	10
459311		3.83	12.95	0.13	3.9	0.032	2.30	27.2	16.3	0.64	531	0.39	2.09	5.6	16.5	700
459312		4.10	13.30	0.16	4.3	0.032	2.34	35.6	17.5	0.63	1020	0.52	2.10	6.4	21.1	610
459313		5.30	17.80	0.14	4.9	0.046	1.95	58.4	35.5	1.63	590	1.53	2.01	11.4	68.1	420
459314		3.25	15.80	0.32	4.9	0.030	2.27	147.5	15.9	0.75	484	0.86	2.11	5.7	38.4	1020
459315		0.92	11.35	0.10	7.8	0.008	2.03	28.0	4.5	0.18	86	1.10	1.42	6.8	7.1	440
459316		3.97	16.50	0.28	3.4	0.036	2.17	169.5	14.3	0.73	586	1.71	1.62	5.6	35.9	1340
459317		3.45	13.90	0.11	6.2	0.028	1.91	25.2	10.0	0.58	274	0.45	2.28	7.3	13.5	340
459318		2.41	13.80	0.13	5.2	0.021	2.22	24.5	9.7	0.64	280	0.36	2.53	6.3	14.4	750
459319		1.54	22.4	0.11	7.0	0.026	2.89	17.5	12.4	0.46	140	0.33	0.90	8.8	7.0	210
459320		1.41	14.95	0.12	8.3	0.011	2.37	33.8	8.4	0.24	89	0.29	1.20	7.2	7.8	190

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Finalized Date: 9- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17201576

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
459281		5.2	8.3	<0.002	0.06	0.11	3.0	1	0.4	47.3	0.39	0.10	1.98	0.123	0.07	0.9
459282		4.4	5.1	<0.002	0.07	0.10	1.6	1	0.2	28.8	0.12	0.06	1.12	0.047	0.07	1.0
459283		4.2	6.5	<0.002	0.06	0.10	1.5	1	0.2	35.5	0.10	<0.05	1.20	0.050	0.05	0.6
459284		2.7	2.4	<0.002	0.06	0.07	0.9	1	<0.2	17.7	0.07	0.06	0.59	0.029	0.02	0.5
459285		4.4	2.7	<0.002	0.06	0.09	1.2	1	0.2	32.7	0.08	0.05	0.65	0.029	0.04	0.5
459286		6.8	7.5	<0.002	0.07	0.12	2.8	1	0.3	52.9	0.18	<0.05	1.81	0.069	0.07	1.0
459287		2.4	1.3	<0.002	0.02	0.08	0.2	1	<0.2	3.3	<0.05	<0.05	0.17	0.007	0.02	0.5
459288		4.1	5.1	<0.002	0.03	0.15	1.3	1	0.2	26.2	0.10	<0.05	1.04	0.038	0.05	0.5
459289		3.8	7.2	<0.002	0.12	0.10	1.7	2	0.2	48.3	0.11	0.06	1.35	0.047	0.07	0.8
459290		3.3	3.6	<0.002	0.05	0.10	1.1	1	0.2	27.3	0.09	0.05	0.76	0.035	0.03	0.4
459291		7.0	15.3	<0.002	0.05	0.15	3.4	1	0.3	88.3	0.18	0.06	4.88	0.088	0.10	0.9
459292		5.2	8.7	<0.002	0.05	0.13	2.6	2	0.3	51.0	0.16	0.08	1.96	0.074	0.05	0.8
459293		3.2	2.9	<0.002	0.06	0.10	0.7	1	<0.2	18.9	0.07	0.05	0.58	0.023	0.03	0.3
459294		3.2	2.6	<0.002	0.05	0.10	0.8	1	<0.2	23.3	0.08	0.05	0.77	0.028	0.04	0.4
459295		24.3	63.6	<0.002	0.06	0.68	14.4	3	3.8	51.0	1.71	0.05	17.10	1.140	0.35	2.8
459296		1.9	2.4	<0.002	0.04	0.07	0.8	1	<0.2	18.7	0.06	<0.05	0.59	0.024	0.03	0.4
459297		3.2	1.9	<0.002	0.04	0.09	1.1	1	<0.2	29.0	0.07	0.06	0.63	0.023	0.04	0.6
459298		2.0	1.3	<0.002	0.04	0.09	0.8	1	<0.2	15.3	0.07	0.05	0.48	0.023	0.02	0.4
459299		1.9	1.5	<0.002	0.03	0.06	0.4	1	<0.2	13.8	0.05	<0.05	0.29	0.016	0.03	0.3
459300		2.8	2.6	<0.002	0.09	0.08	0.8	1	<0.2	62.2	0.06	0.07	0.65	0.017	0.04	0.7
459301		13.9	87.4	<0.002	0.02	0.17	8.4	1	1.1	217	0.54	<0.05	8.62	0.296	0.47	1.4
459302		14.6	86.8	<0.002	0.01	0.18	8.6	1	0.9	256	0.54	<0.05	7.96	0.299	0.44	1.3
459303		15.2	80.7	<0.002	0.01	0.20	7.7	1	0.9	241	0.47	<0.05	6.77	0.267	0.41	1.2
459304		4.7	40.5	<0.002	0.11	0.09	3.2	2	1.4	4.5	0.31	0.42	5.93	0.090	0.39	1.2
459305		15.2	85.8	<0.002	0.01	0.23	9.0	1	1.1	209	0.58	0.05	7.24	0.376	0.42	1.4
459306		13.8	70.8	<0.002	0.01	0.21	6.4	<1	0.9	214	0.46	<0.05	5.51	0.278	0.36	1.1
459307		13.0	74.9	<0.002	0.01	0.18	6.8	1	0.9	245	0.47	<0.05	4.79	0.293	0.38	1.1
459308		21.8	79.3	<0.002	0.01	0.17	8.5	1	0.8	210	0.47	<0.05	6.20	0.308	0.42	1.3
459309		13.2	78.5	<0.002	0.01	0.19	7.7	1	0.8	251	0.42	<0.05	7.11	0.253	0.44	1.5
459310		0.5	0.4	<0.002	<0.01	0.19	0.2	1	0.5	0.7	0.06	<0.05	0.71	0.031	<0.02	0.2
459311		13.8	78.5	<0.002	0.01	0.15	7.6	1	0.7	253	0.37	<0.05	5.76	0.235	0.36	1.1
459312		15.6	81.0	<0.002	0.01	0.23	8.2	1	0.8	254	0.42	<0.05	6.80	0.254	0.41	1.3
459313		44.2	82.4	<0.002	0.01	1.64	12.7	1	1.3	213	0.86	0.08	10.90	0.524	0.46	2.0
459314		40.5	89.4	0.002	0.03	0.16	8.3	1	1.0	261	0.51	0.05	9.64	0.229	0.43	3.9
459315		26.8	63.8	<0.002	0.04	0.20	4.3	<1	1.0	144.0	0.54	<0.05	10.30	0.253	0.42	4.0
459316		46.2	94.9	<0.002	0.09	0.15	9.6	1	1.0	212	0.49	<0.05	12.60	0.225	0.54	5.1
459317		19.2	65.9	<0.002	0.02	0.15	7.3	1	1.0	283	0.62	<0.05	6.95	0.298	0.34	1.3
459318		13.0	79.9	<0.002	0.01	0.15	7.5	<1	0.9	317	0.55	<0.05	4.93	0.258	0.42	1.2
459319		11.3	106.0	<0.002	0.02	0.14	8.9	1	1.7	132.0	0.75	<0.05	9.04	0.393	0.60	1.8
459320		13.9	90.1	<0.002	0.01	0.14	4.8	1	1.2	154.0	0.60	<0.05	8.05	0.271	0.55	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201576

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
459281		44	0.5	14.9	38	57.7
459282		26	0.3	9.5	43	18.9
459283		21	0.2	5.9	47	23.4
459284		14	0.1	10.0	19	11.1
459285		23	0.2	13.6	32	10.7
459286		47	0.4	24.4	33	41.8
459287		6	0.1	2.9	8	4.5
459288		25	0.4	7.2	24	21.2
459289		21	0.2	9.8	58	20.3
459290		16	0.2	8.4	26	15.9
459291		35	0.3	13.7	38	62.4
459292		33	0.3	10.2	39	38.8
459293		15	0.2	6.6	30	10.1
459294		16	0.2	16.9	25	12.6
459295		171	2.2	12.9	47	199.0
459296		12	0.1	7.6	21	12.1
459297		30	0.3	9.5	31	11.8
459298		20	0.2	8.4	26	9.9
459299		12	0.1	5.4	20	7.9
459300		30	0.3	7.9	47	11.3
459301		59	0.6	9.2	40	136.0
459302		55	0.6	11.3	38	170.5
459303		57	0.5	10.0	44	148.5
459304		32	0.1	4.9	103	36.3
459305		85	0.7	9.7	49	184.0
459306		61	0.5	7.6	33	168.0
459307		61	0.5	7.7	29	181.5
459308		67	0.6	11.3	47	158.5
459309		49	1.2	11.5	33	193.5
459310		2	0.2	0.6	3	7.8
459311		51	0.4	11.5	36	157.0
459312		54	0.5	14.8	42	170.5
459313		118	0.6	15.7	87	173.0
459314		55	1.6	33.0	153	168.0
459315		35	0.7	7.0	11	273
459316		66	0.5	31.5	49	115.5
459317		59	0.5	9.5	29	218
459318		51	0.5	10.8	31	176.5
459319		58	1.0	7.2	26	246
459320		39	0.8	7.4	17	289

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 9- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201576

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201577

Project: KAN

P.O. No.: SOILKAN- 047

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201577

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
459321		0.27	<0.001	0.01	6.74	3.6	620	0.95	0.13	0.90	0.07	25.7	4.0	46	2.04	4.1
459322		0.22	0.003	0.04	6.91	2.1	650	1.16	0.07	1.11	0.07	55.3	5.1	46	1.23	12.1
459323		0.27	0.001	0.05	6.94	2.0	710	1.32	0.07	1.53	0.07	64.9	7.5	48	1.72	13.0
459324		0.26	0.001	0.02	6.61	0.8	690	1.15	0.06	1.52	0.03	42.1	4.3	33	1.00	6.4
459325		0.28	0.003	0.02	6.76	1.6	670	1.13	0.07	1.35	0.08	42.9	4.3	40	1.04	5.5
459326		0.24	0.002	0.01	6.29	1.9	630	1.07	0.15	0.62	0.08	22.4	3.0	46	3.07	5.9
459327		0.28	<0.001	0.08	6.68	2.1	610	1.12	0.13	1.15	0.07	28.1	4.3	39	1.29	7.1
459328		0.26	0.001	0.04	6.79	7.6	660	1.08	0.14	1.37	0.12	41.3	7.0	54	1.41	11.1
459329		0.23	0.001	0.05	7.00	10.0	700	1.34	0.10	1.78	0.12	67.4	9.6	53	1.95	20.4
459330		0.23	<0.001	0.06	6.75	5.1	720	1.10	0.11	1.47	0.21	39.8	6.5	45	1.71	8.6
459331		0.34	0.001	0.04	7.04	5.3	700	1.13	0.10	1.56	0.07	41.9	6.7	48	1.46	9.3
459332		0.26	0.002	0.03	6.59	7.7	680	1.13	0.11	1.66	0.09	46.3	6.6	57	1.07	13.0
459333		0.30	<0.001	0.02	7.18	4.0	680	1.26	0.08	1.48	0.09	50.5	6.6	42	1.17	11.0
459334		0.19	0.001	0.05	6.85	5.4	720	1.15	0.10	1.49	0.09	50.7	7.7	47	1.42	11.4
459335		0.07	0.024	0.15	8.33	14.6	190	0.69	0.29	0.19	0.04	38.8	27.0	567	3.83	377
459336		0.19	0.001	0.04	6.38	30.8	590	0.91	0.14	1.13	0.04	42.1	5.5	54	1.17	8.6
459337		0.26	0.002	0.05	6.56	13.1	640	1.08	0.11	1.30	0.11	42.7	8.1	53	1.37	11.4
459338		0.21	0.004	0.05	6.65	11.8	570	1.17	0.14	1.24	0.23	49.8	6.1	53	1.40	39.5
459339		0.25	0.004	0.09	6.58	4.2	640	1.08	0.11	1.35	0.12	38.8	5.3	42	1.22	8.7
459340		0.34	<0.001	0.04	7.25	4.7	690	1.33	0.10	1.36	0.10	47.6	7.8	51	1.75	14.8
459341		0.27	0.004	0.06	6.59	4.2	590	1.12	0.09	1.27	0.08	36.5	5.1	48	1.08	8.3
459342		0.29	0.001	0.04	6.56	18.3	640	1.24	0.11	1.55	0.10	51.1	15.7	46	1.31	71.0
459343		0.30	0.001	0.08	6.60	5.3	620	1.02	0.12	1.39	0.14	49.9	5.7	45	1.05	15.6
459344		0.24	0.003	0.06	6.19	3.0	550	1.46	0.11	0.84	0.11	63.0	10.9	57	3.66	15.1
459345		0.24	<0.001	0.02	6.41	2.3	590	1.22	0.12	0.85	0.05	51.3	6.6	53	3.41	13.0
459346		0.26	0.001	0.04	6.81	3.0	660	1.47	0.11	1.11	0.09	64.2	10.0	58	2.76	22.0
459347		0.21	0.001	0.08	6.55	3.8	530	1.56	0.14	0.78	0.19	50.9	8.2	65	5.98	22.8
459348		0.21	0.004	0.29	6.99	18.1	740	1.50	0.10	0.87	0.18	51.2	10.2	64	2.98	44.4
459349		0.25	<0.001	0.15	6.54	3.7	570	1.58	0.12	0.79	0.20	51.2	9.7	55	5.26	25.0
459350		0.07	<0.001	0.01	0.11	0.6	10	0.05	0.01	0.01	<0.02	2.97	0.4	6	0.11	4.4
459351		0.28	0.002	0.10	6.04	5.6	600	1.18	0.10	1.05	0.07	45.4	8.0	96	1.37	5.1
459352		0.37	<0.001	0.06	4.60	18.3	530	1.10	0.14	0.75	0.16	48.8	11.5	74	0.99	9.3
459353		0.29	<0.001	0.05	6.13	5.3	620	1.37	0.08	0.82	0.05	56.7	8.6	52	1.59	9.4
459354		0.34	0.004	0.04	5.89	3.8	640	1.26	0.08	0.74	0.04	42.2	5.3	41	1.53	5.2
459355		0.23	0.002	0.04	5.62	4.2	620	1.22	0.09	0.82	0.05	58.7	6.5	44	1.44	5.0
459356		0.38	<0.001	0.05	6.12	8.1	620	1.54	0.11	0.99	0.11	82.2	15.7	54	1.58	34.9
459357		0.32	<0.001	0.04	6.07	7.9	580	1.08	0.06	1.29	0.06	47.2	8.7	42	1.00	22.8
459358		0.28	0.005	0.07	1.01	1.5	80	0.15	0.04	0.12	0.06	4.65	1.6	12	0.21	34.6
459359		0.12	0.072	0.74	5.33	125.0	460	1.09	0.27	0.57	0.57	44.0	7.1	50	2.24	54.0
459360		0.10	0.004	0.17	1.94	1.5	180	1.45	0.07	0.53	1.11	34.7	10.8	32	11.55	25.9

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Finalized Date: 15- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17201577

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
459321		3.19	20.8	0.17	5.5	0.030	2.03	11.3	12.1	0.59	232	0.76	1.79	8.4	11.5	190
459322		2.96	14.80	0.19	3.5	0.025	2.08	26.6	12.6	0.56	306	0.52	2.15	5.6	16.5	330
459323		2.73	15.90	0.23	4.2	0.026	2.28	33.2	15.2	0.71	430	0.43	2.42	7.4	20.0	790
459324		1.71	14.80	0.18	4.7	0.021	2.17	20.4	8.3	0.52	245	0.26	2.59	5.9	12.2	700
459325		2.36	14.80	0.21	4.5	0.027	2.10	20.4	8.3	0.48	258	0.40	2.42	6.3	11.3	390
459326		2.10	17.70	0.16	4.1	0.027	2.44	10.3	16.0	0.49	224	0.58	1.43	7.4	10.8	140
459327		2.81	13.95	0.17	3.7	0.024	1.92	11.8	10.7	0.48	233	0.31	2.08	5.7	11.8	500
459328		3.74	17.05	0.17	4.7	0.030	2.05	19.2	13.6	0.67	376	1.11	2.32	7.5	17.5	260
459329		3.44	16.10	0.20	5.1	0.031	2.20	25.0	15.3	0.78	607	0.68	2.50	7.3	22.3	950
459330		3.47	17.25	0.16	4.5	0.029	2.19	17.7	9.5	0.61	345	0.87	2.44	6.9	15.4	280
459331		3.40	17.00	0.20	4.6	0.031	2.19	19.6	11.5	0.69	373	0.90	2.49	7.5	15.7	540
459332		3.21	16.20	0.19	7.4	0.029	2.05	22.9	9.3	0.70	339	0.79	2.43	7.7	17.8	250
459333		2.89	14.25	0.17	4.5	0.023	2.09	21.6	11.4	0.60	335	0.45	2.58	6.3	15.9	390
459334		3.30	16.00	0.19	4.8	0.032	2.19	21.9	12.4	0.65	419	0.66	2.53	7.1	16.8	550
459335		14.55	22.1	0.18	4.0	0.093	0.42	17.4	19.3	0.23	497	2.48	0.10	13.6	238	440
459336		4.27	20.8	0.17	5.9	0.037	1.74	19.6	12.0	0.63	539	1.30	1.98	8.1	16.3	220
459337		3.77	17.95	0.16	4.6	0.037	1.94	20.1	17.1	0.72	383	0.86	2.12	7.5	18.0	330
459338		4.26	17.10	0.18	4.8	0.035	1.77	23.1	11.6	0.58	353	1.81	2.02	7.3	17.0	370
459339		2.90	15.20	0.17	4.2	0.022	1.97	18.4	10.5	0.54	307	0.69	2.31	6.3	13.0	450
459340		3.39	15.95	0.19	4.2	0.032	2.12	21.7	16.9	0.70	368	0.61	2.33	6.9	19.6	470
459341		3.53	14.80	0.19	4.1	0.030	1.82	17.0	10.8	0.52	296	0.65	2.17	6.2	13.1	440
459342		3.29	15.45	0.19	5.1	0.032	1.96	19.9	18.6	0.61	505	0.52	2.29	6.8	20.8	310
459343		3.40	15.15	0.09	4.6	0.032	1.86	24.6	11.0	0.55	288	1.49	2.28	6.3	19.0	260
459344		8.00	15.30	0.09	4.4	0.033	1.99	32.0	22.5	0.68	3530	1.30	1.51	7.0	17.3	340
459345		5.16	16.65	0.09	4.0	0.033	2.04	26.2	21.5	0.55	1520	0.97	1.66	6.8	14.6	290
459346		5.07	15.35	0.10	4.5	0.030	2.26	33.4	22.9	0.77	2280	0.75	1.96	6.7	26.3	400
459347		7.74	16.15	0.09	3.7	0.041	1.99	25.9	26.7	0.63	1840	1.82	1.45	7.5	19.2	340
459348		8.33	16.25	0.10	4.2	0.040	2.35	27.2	21.3	0.94	1580	10.45	1.66	7.2	27.6	580
459349		6.22	15.80	0.09	3.7	0.033	2.18	28.3	31.1	0.70	2860	2.47	1.56	6.8	25.4	430
459350		0.34	0.29	<0.05	0.3	<0.005	0.01	1.4	15.5	0.01	39	0.71	0.01	0.9	2.8	20
459351		4.73	18.35	0.08	5.3	0.040	1.88	23.2	15.4	0.72	442	0.53	1.82	9.5	29.0	340
459352		13.20	13.90	0.08	4.8	0.032	1.42	22.3	8.9	0.54	5200	1.27	1.21	8.4	18.6	530
459353		4.20	14.55	0.09	4.0	0.036	2.03	26.2	25.8	0.60	581	0.53	1.74	6.8	19.6	380
459354		3.30	15.60	0.10	4.3	0.028	2.06	20.2	17.1	0.41	307	0.50	1.66	6.6	10.6	270
459355		4.11	15.05	0.10	6.1	0.031	2.01	28.7	14.2	0.47	556	0.61	1.72	7.2	12.0	410
459356		5.16	14.80	0.12	4.0	0.040	2.05	34.3	23.0	0.72	1040	0.67	1.81	7.5	23.7	590
459357		3.90	13.65	0.10	3.7	0.031	1.90	22.4	16.0	0.68	429	0.44	1.85	5.9	16.9	480
459358		44.2	3.12	0.15	0.3	0.026	0.27	2.2	1.0	0.04	146	0.93	0.24	0.7	10.4	240
459359		11.20	13.90	0.11	3.0	0.059	2.35	25.4	13.8	0.53	489	42.4	1.09	4.6	31.9	820
459360		19.10	7.36	0.10	1.6	0.021	0.45	18.0	8.4	0.81	10750	0.88	0.34	10.7	22.4	820

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201577

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
459321		19.4	75.7	<0.002	0.02	0.21	7.9	1	1.3	208	0.60	<0.05	4.79	0.379	0.44	1.3
459322		20.2	73.9	<0.002	0.03	0.12	6.8	1	0.8	267	0.40	<0.05	5.95	0.217	0.35	1.1
459323		13.2	87.5	<0.002	0.01	0.14	8.3	<1	1.0	308	0.52	<0.05	5.87	0.269	0.43	1.3
459324		11.4	79.7	<0.002	0.01	0.10	6.8	<1	0.8	332	0.45	<0.05	4.50	0.218	0.38	0.9
459325		11.9	75.9	<0.002	0.01	0.10	7.0	1	0.9	307	0.46	<0.05	4.17	0.242	0.35	1.0
459326		13.5	110.5	<0.002	0.01	0.12	7.2	<1	1.2	153.0	0.55	<0.05	4.90	0.336	0.56	1.1
459327		15.3	71.4	<0.002	0.02	0.09	6.5	1	0.8	257	0.42	0.05	3.97	0.234	0.35	0.9
459328		14.7	75.8	<0.002	0.01	0.25	8.1	1	1.1	299	0.53	<0.05	4.81	0.300	0.47	1.2
459329		13.5	86.6	<0.002	0.01	0.22	8.6	1	1.0	331	0.56	<0.05	6.24	0.277	0.45	1.6
459330		14.3	79.9	<0.002	0.01	0.19	7.6	1	1.0	319	0.51	<0.05	3.45	0.283	0.42	1.0
459331		14.0	78.9	<0.002	0.01	0.28	8.5	1	1.1	321	0.55	<0.05	4.79	0.311	0.41	1.1
459332		15.5	71.9	<0.002	0.02	0.17	8.9	1	1.1	318	0.57	<0.05	4.28	0.329	0.41	1.2
459333		13.1	73.3	<0.002	0.01	0.19	7.3	1	0.9	330	0.51	<0.05	6.03	0.242	0.39	1.1
459334		14.8	79.6	<0.002	0.01	0.20	7.7	<1	1.0	323	0.52	<0.05	5.22	0.279	0.40	1.1
459335		18.9	43.2	<0.002	0.05	0.82	49.7	3	2.7	33.2	1.03	0.12	13.75	0.764	0.26	2.5
459336		13.8	58.4	<0.002	0.02	0.40	9.6	<1	1.5	237	0.55	<0.05	5.65	0.392	0.37	1.5
459337		12.8	72.3	<0.002	0.02	0.21	8.4	1	1.2	272	0.54	<0.05	4.68	0.312	0.44	1.2
459338		18.9	64.4	<0.002	0.03	0.43	8.1	1	1.1	255	0.52	0.05	6.06	0.323	0.42	1.7
459339		12.7	70.7	<0.002	0.01	0.17	6.7	<1	0.9	298	0.47	<0.05	4.37	0.243	0.40	1.1
459340		13.4	80.0	<0.002	0.01	0.21	8.1	1	1.0	297	0.49	<0.05	5.44	0.268	0.44	1.1
459341		13.1	64.9	<0.002	0.02	0.17	6.7	1	0.9	281	0.45	<0.05	4.51	0.244	0.36	1.1
459342		58.1	70.5	<0.002	0.02	0.18	7.9	1	1.0	297	0.48	<0.05	4.14	0.270	0.38	1.1
459343		17.2	62.6	<0.002	0.02	0.24	6.9	<1	1.0	293	0.52	<0.05	4.81	0.259	0.38	1.2
459344		20.0	78.9	<0.002	0.02	0.21	8.0	1	1.1	194.5	0.53	<0.05	7.38	0.262	0.49	1.7
459345		25.6	82.9	<0.002	0.01	0.18	7.9	1	1.1	209	0.51	<0.05	6.34	0.259	0.48	1.4
459346		16.4	86.3	<0.002	0.01	0.21	8.9	1	1.0	257	0.49	<0.05	7.79	0.264	0.48	1.7
459347		18.1	91.4	<0.002	0.02	0.21	8.3	1	1.1	177.5	0.60	0.05	6.46	0.273	0.44	1.8
459348		22.7	80.0	<0.002	0.02	0.42	9.2	2	1.1	217	0.56	0.08	7.48	0.287	0.56	3.2
459349		16.2	96.6	<0.002	0.02	0.21	8.8	1	1.1	196.0	0.54	<0.05	7.45	0.247	0.45	2.4
459350		0.7	0.7	<0.002	<0.01	0.20	0.2	<1	0.6	1.2	0.05	<0.05	0.81	0.029	0.02	0.1
459351		15.1	72.4	<0.002	0.01	0.18	8.3	1	1.2	247	0.66	<0.05	5.46	0.416	0.39	1.0
459352		16.7	51.8	<0.002	0.03	0.44	6.3	1	1.1	160.5	0.50	0.06	5.90	0.253	0.36	2.5
459353		15.3	78.2	<0.002	0.01	0.21	7.4	1	1.0	217	0.46	<0.05	7.34	0.238	0.42	1.1
459354		13.4	81.1	<0.002	0.01	0.17	6.7	<1	1.0	207	0.45	<0.05	4.65	0.255	0.43	1.1
459355		14.6	74.5	<0.002	0.01	0.20	7.0	1	1.0	211	0.48	<0.05	6.14	0.271	0.39	1.2
459356		17.7	78.8	<0.002	0.01	0.29	9.1	1	1.0	215	0.51	<0.05	7.71	0.271	0.41	1.4
459357		12.7	67.9	<0.002	0.01	0.23	9.4	1	0.9	219	0.43	<0.05	4.37	0.237	0.35	0.9
459358		3.2	9.1	<0.002	0.96	0.09	1.3	1	0.2	31.0	0.05	<0.05	1.59	0.025	0.05	1.3
459359		68.6	76.8	<0.002	0.21	2.37	8.0	6	1.0	142.0	0.32	0.47	5.02	0.175	1.54	5.0
459360		7.8	33.2	<0.002	0.04	0.13	4.1	1	0.8	61.2	0.58	0.06	2.31	0.198	0.19	0.9

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201577

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
459321		96	0.7	6.3	25	206
459322		46	0.4	7.7	29	130.5
459323		56	0.5	11.7	41	158.0
459324		41	0.4	8.9	25	169.0
459325		49	0.6	8.6	24	164.0
459326		64	0.7	5.5	34	155.5
459327		49	0.4	6.5	26	137.0
459328		75	0.6	7.8	42	177.5
459329		68	0.6	11.4	79	190.5
459330		70	0.5	7.6	39	167.0
459331		75	0.6	8.4	41	170.5
459332		76	0.6	9.4	39	274
459333		52	0.4	9.2	34	162.5
459334		62	1.0	8.7	45	177.0
459335		240	1.7	10.1	45	148.5
459336		123	0.9	8.1	33	223
459337		78	0.6	8.1	45	170.0
459338		88	0.6	8.7	48	182.0
459339		58	0.6	7.7	34	161.0
459340		62	0.6	8.6	43	155.0
459341		59	0.5	7.1	29	152.0
459342		63	0.6	9.4	46	194.5
459343		60	0.5	9.1	36	175.0
459344		66	0.8	9.7	39	164.0
459345		66	0.7	6.8	36	159.5
459346		65	0.6	11.5	57	170.5
459347		81	0.8	6.8	61	141.0
459348		100	0.8	8.2	159	158.0
459349		68	0.8	9.1	107	137.5
459350		3	0.2	0.7	3	7.7
459351		83	0.7	8.0	40	196.0
459352		72	0.7	7.6	68	177.0
459353		52	0.5	8.1	57	153.0
459354		51	0.6	7.5	29	161.5
459355		58	0.6	8.6	30	224
459356		67	0.6	13.2	46	147.0
459357		61	0.5	9.5	32	146.5
459358		10	0.1	1.6	272	12.5
459359		215	1.1	8.4	256	123.5
459360		76	0.3	9.7	82	70.1

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201577

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201578

Project: KAN

P.O. No.: SOILKAN- 048

This report is for 33 Soil samples submitted to our lab in Val d'Or, QC, Canada on 25- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 22	Sample login - Rcd w/o BarCode
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201578

Sample Description	Method	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
459361		0.005	0.11	1.10	0.5	110	1.12	0.07	0.25	0.95	25.5	15.3	23	8.77	22.7	26.8
459362		0.003	0.08	6.44	9.9	580	1.23	0.14	1.18	0.40	68.4	27.0	75	2.37	20.5	6.46
459363		0.018	0.09	5.89	24.6	440	1.38	0.16	1.28	0.83	77.1	24.8	67	2.57	37.9	7.91
459364		0.066	0.07	5.64	5.5	550	1.42	0.09	1.43	0.40	39.8	16.2	45	1.39	14.3	4.33
459365		0.004	0.04	5.70	9.2	510	1.09	0.11	0.88	0.33	36.9	11.9	49	1.63	14.7	5.59
459366		0.005	0.20	2.89	6.2	250	0.85	0.14	1.28	0.49	34.2	9.1	29	0.61	22.3	19.50
459367		0.003	0.10	5.00	4.3	470	1.02	0.11	1.61	0.29	47.2	11.4	47	1.39	17.0	5.21
459368		0.001	0.06	6.48	5.1	550	1.05	0.10	1.29	0.14	35.6	11.8	47	1.14	8.0	5.30
459369		0.347	0.42	5.25	17.2	410	1.07	0.15	1.49	1.02	37.3	17.0	53	2.57	41.3	9.10
459370		0.027	0.20	0.73	1.7	80	0.30	0.06	3.25	0.69	12.35	3.3	10	0.26	18.4	5.88
459371		0.107	0.37	5.09	11.3	380	0.96	0.29	1.39	1.45	45.7	13.0	58	1.39	173.5	14.85
459372		0.004	0.07	2.06	2.4	190	1.45	0.18	1.42	0.20	40.1	9.0	24	0.53	10.9	35.2
459373		0.002	0.06	5.51	2.9	410	1.28	0.09	1.57	0.14	49.9	10.1	55	1.75	18.4	6.73
459374		0.002	0.03	0.53	1.0	60	0.63	0.04	3.48	0.17	29.6	2.7	6	0.20	5.2	25.7
459375		<0.001	0.03	8.94	9.4	150	0.79	0.33	0.31	0.04	50.2	7.3	108	6.30	29.8	6.45
459376		0.001	0.08	0.70	1.0	60	1.15	0.06	0.94	0.33	38.9	7.0	11	0.21	7.6	25.0
459377		0.015	0.04	0.29	1.0	40	0.61	0.03	2.93	0.18	22.7	2.4	3	0.19	3.0	27.2
459378		0.004	0.05	0.40	1.5	40	0.81	0.05	0.93	0.15	25.4	4.4	5	0.11	4.0	30.6
459379		0.002	0.04	0.41	1.3	40	0.77	0.03	0.90	0.13	22.3	4.9	5	0.06	3.1	34.1
459380		0.003	0.04	0.25	2.1	20	0.37	0.04	0.29	0.07	6.59	3.2	4	<0.05	5.4	17.05
459381		0.005	0.05	0.43	2.0	40	0.44	0.06	0.78	0.13	10.55	3.3	9	0.09	6.7	13.60
459382		0.006	0.03	0.26	2.9	30	0.44	0.04	0.37	0.09	9.99	3.3	4	0.09	3.8	13.00
459383		<0.001	0.03	0.41	2.5	40	0.52	0.05	1.21	0.19	12.30	3.5	7	0.15	4.8	19.20
459384		0.002	0.06	0.26	1.6	20	0.42	0.07	3.31	0.11	13.60	4.8	4	0.06	6.7	22.1
459385		<0.001	0.07	0.42	3.9	50	0.53	0.16	2.37	0.21	15.05	4.9	6	0.15	10.7	19.00
459386		0.001	0.04	0.34	2.9	30	0.46	0.07	0.64	0.10	13.25	5.8	8	0.08	6.1	17.70
459387		<0.001	0.05	7.06	4.5	610	1.21	0.10	1.35	0.12	43.0	8.7	46	1.47	14.6	3.33
459388		<0.001	0.04	6.45	1.9	670	1.26	0.09	1.73	0.06	48.0	8.6	41	1.25	40.3	2.87
459389		0.002	0.02	6.93	3.0	670	1.32	0.11	1.42	0.06	44.0	6.3	44	1.34	11.4	3.03
459390		<0.001	0.01	0.09	0.7	<10	0.06	0.01	0.01	<0.02	2.28	0.4	5	0.09	4.8	0.36
459391		<0.001	0.06	7.10	2.4	710	1.40	0.10	1.72	0.09	60.4	8.7	47	1.50	14.7	3.07
459392		<0.001	0.06	6.71	1.3	700	1.33	0.10	1.55	0.08	55.2	8.4	48	1.62	23.5	2.96
459393		<0.001	0.06	6.84	3.0	680	1.23	0.10	1.54	0.06	51.1	6.3	44	1.26	9.9	2.87

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201578

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
459361		4.91	0.29	0.8	0.018	0.16	12.6	7.6	0.81	16950	0.88	0.05	9.1	19.2	730	2.6
459362		16.95	0.10	4.5	0.054	1.91	28.2	28.1	1.11	2210	3.18	1.75	8.9	41.0	750	21.1
459363		14.70	0.11	3.2	0.051	1.69	27.7	26.1	1.28	2150	8.84	1.31	7.2	40.0	860	27.4
459364		13.50	0.09	4.0	0.032	1.86	16.9	18.2	0.75	1430	1.19	1.88	6.1	22.3	520	20.4
459365		13.30	0.08	3.0	0.036	1.97	14.8	25.1	0.73	1480	1.60	1.60	5.7	21.2	450	19.8
459366		7.16	0.11	1.9	0.027	0.84	18.4	7.4	0.73	6320	2.57	0.83	4.0	22.1	1010	12.1
459367		11.35	0.09	3.1	0.034	1.59	21.8	23.0	0.78	2150	1.28	1.42	6.0	30.1	500	14.5
459368		15.95	0.09	4.2	0.040	1.77	16.7	26.0	0.97	727	0.81	2.00	7.5	21.6	410	12.0
459369		12.35	0.11	2.6	0.039	1.83	19.3	19.1	0.98	2080	5.46	0.95	5.5	41.2	970	18.8
459370		1.82	0.05	0.4	0.009	0.17	6.8	2.1	0.64	2290	0.54	0.17	1.5	9.4	1120	4.7
459371		11.90	0.13	2.6	0.112	1.28	23.4	21.1	0.91	760	17.05	1.25	5.4	160.5	490	34.8
459372		7.19	0.53	1.1	0.027	0.39	21.3	9.5	1.10	7700	2.62	0.45	4.7	15.5	640	7.7
459373		12.90	0.09	3.3	0.035	1.32	21.4	23.6	0.86	1320	0.77	1.63	8.2	25.9	340	12.5
459374		1.87	0.12	0.4	0.008	0.11	16.7	3.1	1.47	6600	0.54	0.11	1.6	4.5	490	3.3
459375		26.3	0.09	4.7	0.090	0.47	22.0	35.5	0.31	478	2.53	0.13	24.2	46.7	490	22.9
459376		3.17	0.13	0.5	0.013	0.07	22.9	5.2	0.61	6390	0.70	0.06	4.5	8.1	760	3.1
459377		1.19	0.12	0.2	0.006	0.07	13.3	2.3	1.25	7770	0.34	0.06	0.9	2.9	520	3.9
459378		1.88	0.15	0.2	0.008	0.06	14.5	5.2	0.69	7400	0.62	0.05	2.3	5.4	530	3.5
459379		1.55	0.23	0.3	0.008	0.06	13.0	2.7	0.77	8660	0.86	0.06	1.2	5.5	440	2.8
459380		1.01	0.08	0.2	0.005	0.04	3.9	1.7	0.36	5460	0.85	0.04	0.7	5.9	400	3.3
459381		1.44	0.07	0.3	0.006	0.06	5.8	1.2	0.23	4520	0.59	0.06	1.5	5.9	770	2.4
459382		0.96	0.06	0.2	0.005	0.04	5.6	1.2	0.29	4400	0.36	0.03	1.6	3.7	580	1.7
459383		1.34	0.08	0.3	0.007	0.07	7.4	1.6	0.44	5770	0.65	0.06	1.5	4.6	830	3.8
459384		0.97	0.08	0.2	0.006	0.03	9.8	3.0	1.20	7190	0.65	0.03	1.0	4.9	1650	2.9
459385		1.37	0.09	0.3	0.008	0.08	11.0	2.4	0.81	6170	0.91	0.08	1.3	5.7	1860	5.1
459386		1.53	0.08	0.3	0.007	0.03	7.5	2.4	0.44	8330	0.72	0.02	2.5	7.5	650	2.1
459387		14.70	0.07	3.4	0.031	1.97	18.8	14.9	0.68	382	0.56	2.32	6.4	19.2	340	15.1
459388		15.10	0.07	4.4	0.025	2.08	21.7	13.9	0.67	390	0.42	2.48	7.1	16.2	520	12.9
459389		15.95	0.09	3.9	0.027	2.14	21.1	14.3	0.66	298	0.57	2.41	6.8	15.5	270	13.9
459390		0.24	<0.05	0.3	<0.005	0.01	1.1	16.0	<0.01	33	0.69	<0.01	0.9	2.9	10	0.6
459391		15.60	0.11	4.5	0.030	2.26	26.2	14.6	0.76	443	0.46	2.61	7.6	19.2	780	14.1
459392		15.55	0.09	4.2	0.027	2.22	26.2	13.8	0.72	425	0.49	2.48	7.0	18.8	730	14.1
459393		14.80	0.10	4.2	0.028	2.16	25.2	12.1	0.66	315	0.49	2.51	6.9	15.3	490	13.7

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201578

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
459361		15.2	<0.002	0.03	<0.05	2.9	2	0.6	21.7	0.50	0.10	1.44	0.156	0.17	0.7	65
459362		75.3	<0.002	0.03	0.36	10.9	1	1.2	203	0.58	0.06	9.49	0.308	0.55	3.5	96
459363		68.9	<0.002	0.05	0.69	9.5	2	1.1	156.5	0.48	0.14	11.35	0.269	0.57	3.9	109
459364		64.6	<0.002	0.03	0.19	7.3	1	0.9	233	0.43	<0.05	5.61	0.243	0.41	1.3	55
459365		61.2	<0.002	0.02	0.30	7.9	<1	0.9	178.5	0.38	<0.05	4.62	0.273	0.40	1.6	69
459366		28.2	<0.002	0.07	0.20	4.0	2	0.4	118.5	0.25	0.10	2.67	0.111	0.23	1.3	63
459367		50.4	<0.002	0.05	0.24	7.4	1	0.8	167.5	0.38	0.05	5.51	0.223	0.33	1.4	59
459368		53.8	<0.002	0.01	0.17	9.7	<1	1.1	229	0.52	<0.05	4.62	0.408	0.36	1.3	96
459369		58.4	<0.002	0.06	0.51	8.8	1	0.9	114.0	0.42	0.12	5.91	0.252	0.46	2.0	118
459370		5.3	<0.002	0.18	0.06	1.4	1	0.3	45.2	0.09	<0.05	0.81	0.037	0.05	0.8	14
459371		43.2	<0.002	0.06	0.70	10.4	6	0.9	156.0	0.42	0.12	6.10	0.213	0.55	5.3	179
459372		16.6	<0.002	0.05	0.14	4.1	1	0.4	74.6	0.24	0.10	2.21	0.093	0.12	1.3	94
459373		48.0	<0.002	0.03	0.13	8.7	1	0.9	194.5	0.56	<0.05	5.52	0.310	0.31	1.2	68
459374		3.8	<0.002	0.04	<0.05	1.0	1	<0.2	35.2	0.08	<0.05	0.69	0.025	0.02	0.5	17
459375		60.5	<0.002	0.05	0.61	14.0	3	3.8	50.5	1.72	0.05	16.35	1.045	0.32	2.8	154
459376		2.8	<0.002	0.06	0.05	1.3	1	<0.2	25.2	0.18	0.06	0.93	0.025	0.03	0.7	41
459377		2.9	<0.002	0.05	<0.05	0.6	1	<0.2	39.8	0.05	<0.05	0.49	0.014	0.02	0.3	12
459378		2.2	<0.002	0.05	<0.05	0.8	1	<0.2	25.7	0.12	0.05	0.58	0.016	<0.02	0.6	23
459379		2.0	<0.002	0.03	<0.05	0.8	1	<0.2	21.8	0.07	<0.05	0.51	0.015	<0.02	0.4	25
459380		1.3	<0.002	0.03	0.08	0.5	1	<0.2	16.7	<0.05	<0.05	0.32	0.013	0.03	0.3	11
459381		2.0	<0.002	0.05	0.07	0.9	1	0.2	18.0	0.08	0.05	0.80	0.029	0.03	0.5	17
459382		1.7	<0.002	0.04	0.08	0.5	1	<0.2	12.8	0.08	<0.05	0.42	0.023	0.03	0.3	12
459383		2.8	<0.002	0.06	0.14	0.8	1	<0.2	26.3	0.09	0.06	0.63	0.027	0.04	0.4	16
459384		1.3	<0.002	0.08	0.08	0.5	1	<0.2	37.6	0.05	<0.05	0.31	0.012	0.04	0.4	15
459385		2.9	<0.002	0.11	0.11	0.8	2	0.3	34.9	0.07	0.07	0.55	0.024	0.07	0.4	15
459386		1.5	<0.002	0.05	0.08	0.8	1	<0.2	23.4	0.12	0.08	0.55	0.037	0.03	0.5	23
459387		75.4	<0.002	0.01	0.20	8.0	<1	0.9	282	0.50	<0.05	6.38	0.247	0.38	1.2	58
459388		77.5	<0.002	0.01	0.14	8.5	1	1.0	308	0.57	<0.05	4.81	0.269	0.38	1.0	65
459389		78.1	<0.002	0.01	0.16	8.0	1	0.9	297	0.52	<0.05	4.93	0.267	0.41	1.1	57
459390		0.4	<0.002	<0.01	0.19	0.2	<1	0.5	0.8	0.07	<0.05	0.71	0.032	<0.02	0.1	2
459391		83.9	<0.002	0.01	0.15	8.5	1	1.0	328	0.61	<0.05	6.15	0.281	0.40	1.2	59
459392		86.2	<0.002	0.03	0.14	8.0	<1	1.0	316	0.55	<0.05	5.93	0.276	0.40	1.2	58
459393		77.4	<0.002	0.01	0.18	8.3	1	1.0	310	0.55	<0.05	6.20	0.266	0.43	1.3	56

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201578

Sample Description	Method / Analyte / Units / LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	WEI- 21 Recvd Wt. kg 0.02
459361		0.2	9.0	102	39.6	0.16
459362		0.7	14.5	183	176.0	0.17
459363		1.8	13.9	196	128.5	0.13
459364		0.4	9.0	109	160.0	0.20
459365		0.7	9.8	53	120.5	0.10
459366		0.4	13.6	119	80.3	0.18
459367		0.6	12.6	59	126.5	0.18
459368		0.5	11.0	92	164.0	0.18
459369		0.7	13.2	241	105.0	0.17
459370		0.2	5.3	25	19.4	0.06
459371		1.1	14.8	1050	103.0	0.24
459372		0.4	29.1	39	48.6	0.18
459373		0.5	12.1	48	127.0	0.19
459374		0.2	15.6	26	17.4	0.15
459375		2.4	12.9	42	185.5	0.08
459376		0.3	14.9	59	26.8	0.19
459377		0.2	13.1	31	7.9	0.13
459378		0.3	18.9	20	11.9	0.18
459379		0.3	15.8	25	13.5	0.16
459380		0.1	5.7	13	9.5	0.19
459381		0.2	6.1	20	11.4	0.20
459382		0.2	5.1	22	8.5	0.20
459383		0.2	9.3	23	11.9	0.12
459384		0.2	10.8	19	9.0	0.17
459385		0.2	13.3	29	12.7	0.17
459386		0.3	7.0	22	13.9	0.30
459387		0.4	8.2	42	132.0	0.35
459388		0.4	11.3	31	170.0	0.36
459389		0.4	8.4	30	152.0	0.31
459390		0.2	0.6	2	8.4	0.08
459391		0.5	11.7	42	176.0	0.40
459392		0.4	10.2	44	162.0	0.37
459393		0.6	10.9	33	159.5	0.43

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201578

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.
LOG- 22 LOG- 24 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 8- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201586

Project: KAN

P.O. No.: SOILKAN- 049

This report is for 30 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 8- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17201586

Sample Description	Method	WEI- 21	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
443371		0.32	<0.001	0.06	6.81	4.3	680	1.37	0.10	1.33	0.05	62.9	9.2	72	2.28	48.9
443372		0.32	<0.001	0.19	5.94	5.7	570	1.33	0.10	1.41	0.42	139.5	32.8	65	2.23	190.5
443373		0.42	<0.001	0.02	7.12	20.7	720	1.28	0.10	1.27	0.06	57.7	10.5	61	2.33	12.6
443374		0.33	0.001	0.10	5.65	58.4	610	1.13	0.13	1.62	0.20	52.0	12.3	51	3.32	54.9
443375		0.37	0.001	0.18	7.09	6.9	350	1.72	1.25	2.02	0.37	46.6	11.5	30	2.04	111.5
443376		0.29	<0.001	0.06	6.59	46.5	520	1.38	0.16	2.06	0.17	57.5	15.8	57	2.72	86.3
443377		0.24	0.001	0.08	5.76	140.5	630	1.33	0.16	1.77	0.35	54.7	14.0	46	4.28	55.9
443378		0.28	<0.001	0.09	5.77	93.9	590	1.26	0.21	2.48	0.22	71.2	15.5	45	2.83	88.8
443379		0.34	0.017	0.04	6.19	55.5	530	0.98	0.12	1.86	0.12	30.2	14.8	399	1.56	12.6
443380		0.38	<0.001	0.03	7.14	4.1	700	1.27	0.09	1.29	0.06	39.1	7.8	52	1.65	21.2
443381		0.47	<0.001	0.02	6.67	2.8	690	1.13	0.07	1.31	0.04	33.9	5.6	42	1.09	12.8
443382		0.39	<0.001	0.02	6.93	37.2	680	1.17	0.09	1.38	0.06	40.7	6.1	55	1.18	22.2
443383		0.41	<0.001	0.03	6.86	10.5	660	1.23	0.08	1.43	0.04	40.1	5.6	46	0.96	8.5
443384		0.37	<0.001	0.09	6.47	9.8	660	1.21	0.10	1.19	0.07	76.9	5.0	42	2.08	209
443385		0.07	0.001	0.04	9.48	10.9	160	0.96	0.32	0.31	0.04	54.2	7.3	113	6.34	32.8
443386		0.40	0.001	0.08	7.17	82.6	570	1.97	0.20	1.51	0.72	279	21.6	67	2.34	94.6
443387		0.40	<0.001	0.03	7.23	185.5	450	0.99	0.09	1.25	0.07	30.3	22.7	429	1.40	25.6
443388		0.36	<0.001	0.06	7.78	138.0	150	1.05	0.06	0.89	0.11	10.90	60.5	490	0.55	58.1
443389		0.59	0.002	0.03	7.12	6.2	680	1.40	0.09	1.68	0.07	64.4	9.3	50	1.34	18.3
443390		0.48	<0.001	0.02	6.75	1.5	650	1.30	0.14	1.31	0.05	43.9	5.9	48	1.30	27.2
443391		0.33	<0.001	0.03	7.09	6.3	540	1.27	0.10	1.15	0.07	43.6	5.7	48	1.09	13.5
443392		0.39	<0.001	0.02	6.92	1.5	690	1.12	0.10	1.23	0.05	38.1	5.8	44	1.19	8.2
443393		0.42	<0.001	0.04	6.95	2.2	720	1.28	0.08	1.55	0.06	45.4	6.9	43	1.17	8.0
443394		0.40	<0.001	0.02	6.93	2.0	680	1.19	0.08	1.35	0.07	39.1	5.5	43	1.06	8.3
443395		0.39	0.026	0.02	6.39	5.4	630	1.01	0.08	1.20	0.04	33.5	4.5	44	1.01	9.3
443396		0.40	<0.001	0.02	7.42	1.8	760	1.41	0.09	1.47	0.10	50.5	5.6	44	1.14	7.9
443397		0.41	<0.001	0.05	6.56	5.0	660	1.30	0.11	1.35	0.15	44.2	8.2	51	2.34	8.9
443398		0.41	<0.001	0.07	7.29	2.7	630	1.63	0.17	1.21	0.32	66.4	12.7	60	2.52	32.6
443399		0.33	<0.001	0.05	6.25	6.8	610	0.82	0.08	1.49	0.07	40.4	7.1	39	1.16	14.1
443400		0.35	<0.001	0.03	6.64	4.6	600	0.90	0.08	1.38	0.06	41.2	7.7	43	0.92	10.6

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 8- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201586

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
443371		3.46	14.90	0.11	4.2	0.030	2.15	30.7	20.5	0.98	428	0.55	1.98	6.7	28.3	770
443372		4.26	13.35	0.16	3.0	0.037	1.52	73.6	16.8	0.73	985	0.95	1.50	5.3	40.0	870
443373		4.20	15.85	0.09	6.0	0.027	2.20	27.3	18.9	1.03	702	0.63	2.20	8.5	21.2	490
443374		5.36	11.45	0.07	3.9	0.025	1.49	34.1	18.3	0.91	1800	0.74	1.56	5.8	27.6	660
443375		5.04	20.9	0.09	6.3	0.032	0.86	24.1	11.4	0.82	685	1.54	2.56	12.0	24.5	480
443376		4.42	14.00	0.10	3.3	0.034	1.24	37.5	26.1	1.86	1760	0.71	1.64	6.1	32.2	570
443377		4.51	12.65	0.06	3.1	0.031	0.87	30.2	30.6	2.23	3220	0.53	1.12	5.4	31.5	600
443378		4.21	12.50	0.07	3.0	0.028	1.08	39.7	22.6	2.16	2670	0.61	1.19	5.4	29.9	710
443379		5.04	13.85	0.05	4.0	0.027	1.69	11.4	13.2	1.70	506	2.61	1.65	5.7	50.9	250
443380		3.24	14.90	0.10	4.1	0.024	2.25	17.1	14.7	0.85	324	0.39	2.23	6.8	21.4	180
443381		2.63	13.65	0.09	4.8	0.020	2.15	14.6	10.8	0.63	273	0.33	2.37	5.9	14.2	130
443382		3.15	14.95	0.10	5.7	0.020	2.18	17.3	10.0	0.69	294	0.34	2.21	6.7	15.7	140
443383		2.87	14.00	0.10	5.5	0.021	2.06	17.2	12.1	0.64	284	0.33	2.41	6.4	14.1	140
443384		2.86	13.60	0.11	5.5	0.023	2.09	38.7	12.6	0.52	294	0.54	2.04	6.0	12.1	170
443385		6.58	24.6	0.07	5.0	0.088	0.48	24.3	35.2	0.32	485	2.57	0.14	24.2	45.6	520
443386		5.55	16.35	0.25	5.2	0.039	2.32	157.5	31.0	0.71	396	1.33	1.47	7.2	57.3	770
443387		5.91	15.55	<0.05	4.0	0.034	1.38	12.3	25.1	2.98	764	0.45	1.68	5.0	68.4	180
443388		9.18	15.05	<0.05	1.4	0.075	0.37	3.5	40.0	4.58	1190	0.38	1.10	2.5	122.5	260
443389		3.27	14.20	0.08	5.5	0.028	2.14	31.0	13.8	0.78	389	0.40	2.46	7.2	20.9	850
443390		3.07	13.80	0.06	5.8	0.027	2.06	18.1	11.4	0.65	294	0.38	2.25	7.0	15.9	210
443391		3.88	13.30	0.07	4.4	0.029	1.69	18.8	15.0	0.56	256	0.78	1.95	6.2	14.2	380
443392		2.85	15.40	0.07	5.2	0.024	2.13	17.2	12.3	0.63	270	0.42	2.26	6.6	14.9	190
443393		2.90	13.95	0.08	5.0	0.019	2.27	19.1	11.3	0.69	332	0.37	2.54	6.4	16.4	530
443394		2.52	13.20	0.07	4.9	0.024	2.14	16.8	11.2	0.61	261	0.39	2.31	6.0	14.0	200
443395		3.37	15.05	0.06	4.4	0.020	1.95	14.7	7.2	0.52	245	0.40	2.03	5.7	11.7	450
443396		2.95	15.65	0.10	5.5	0.023	2.32	24.0	12.5	0.60	298	0.48	2.68	6.9	13.6	240
443397		5.92	14.65	0.07	5.9	0.023	2.15	17.8	12.0	0.71	1100	1.03	2.23	6.6	16.3	470
443398		4.89	15.45	0.06	4.9	0.035	2.40	27.1	16.9	0.91	544	0.75	1.87	6.8	31.7	540
443399		4.12	17.30	0.13	5.5	0.030	1.83	18.2	9.6	0.80	350	1.67	1.89	5.3	20.4	240
443400		3.90	16.15	0.11	5.2	0.029	1.85	18.4	14.3	0.94	375	0.55	2.08	5.0	17.5	250

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 8- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201586

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
443371		14.7	86.4	<0.002	0.02	0.19	8.6	1	1.1	243	0.53	<0.05	6.83	0.274	0.46	1.4
443372		16.0	66.1	<0.002	0.06	0.18	10.2	1	0.9	188.5	0.45	0.08	8.48	0.239	0.41	2.2
443373		18.5	99.3	<0.002	<0.01	0.16	9.1	1	1.2	269	0.63	0.05	9.09	0.334	0.44	1.4
443374		14.0	70.7	<0.002	0.05	0.31	7.4	1	1.0	181.0	0.49	0.09	6.40	0.233	0.43	1.5
443375		14.6	40.2	<0.002	0.02	0.36	14.1	<1	1.1	189.5	0.88	1.09	7.65	0.553	0.23	1.8
443376		23.6	55.9	<0.002	0.03	0.47	8.9	1	1.0	190.5	0.48	0.14	7.75	0.269	0.36	3.5
443377		18.7	42.5	<0.002	0.05	0.46	7.6	1	1.0	105.5	0.46	0.17	8.57	0.231	0.36	2.1
443378		11.6	52.7	<0.002	0.06	0.56	7.2	1	0.9	134.5	0.48	0.22	10.05	0.221	0.45	3.4
443379		15.3	64.7	<0.002	0.02	2.59	13.7	1	0.9	197.5	0.49	0.08	3.13	0.332	0.41	0.9
443380		13.4	84.0	<0.002	0.01	0.17	8.3	<1	1.0	276	0.55	<0.05	4.65	0.268	0.46	1.0
443381		13.0	75.0	<0.002	0.01	0.14	7.0	1	0.9	297	0.48	<0.05	3.83	0.229	0.39	0.9
443382		13.5	76.5	<0.002	0.01	0.20	8.7	1	1.1	282	0.55	<0.05	4.35	0.291	0.45	1.1
443383		14.8	72.9	<0.002	0.01	0.13	7.5	<1	1.0	305	0.56	<0.05	4.70	0.251	0.42	1.0
443384		14.6	74.3	<0.002	0.02	0.17	8.4	1	1.1	257	0.48	0.05	5.84	0.257	0.47	1.7
443385		24.6	65.1	<0.002	0.05	0.67	13.3	3	4.2	51.2	1.64	0.05	15.05	1.020	0.35	2.7
443386		18.1	101.0	0.002	0.05	0.37	10.1	2	1.3	184.0	0.58	0.05	13.20	0.287	0.44	4.8
443387		15.7	46.5	<0.002	0.01	0.26	24.8	<1	0.9	190.5	0.40	0.06	3.17	0.319	0.29	0.8
443388		12.0	3.5	<0.002	0.02	0.23	62.3	1	0.6	74.3	0.23	0.07	1.14	0.423	0.16	0.7
443389		13.7	76.6	<0.002	0.01	0.17	8.3	<1	1.1	313	0.58	<0.05	6.13	0.279	0.42	1.4
443390		14.3	72.8	<0.002	0.01	0.15	7.4	1	1.0	285	0.65	<0.05	5.28	0.268	0.44	1.1
443391		15.7	58.5	<0.002	0.02	0.28	7.5	1	0.9	246	0.50	<0.05	4.93	0.260	0.35	1.3
443392		14.5	75.9	<0.002	0.01	0.13	7.2	<1	1.1	284	0.56	<0.05	4.16	0.276	0.42	1.1
443393		13.8	78.9	<0.002	0.01	0.12	7.3	<1	1.0	326	0.57	<0.05	4.64	0.254	0.41	1.0
443394		13.4	74.3	<0.002	0.01	0.12	7.3	1	0.9	297	0.50	<0.05	4.69	0.240	0.37	1.0
443395		13.5	68.4	<0.002	0.03	0.14	6.6	1	0.9	262	0.52	<0.05	4.49	0.241	0.35	0.9
443396		15.1	79.6	<0.002	0.01	0.13	7.6	<1	1.1	341	0.57	<0.05	4.78	0.281	0.45	1.2
443397		15.9	87.2	<0.002	0.01	0.26	7.3	1	1.1	279	0.54	<0.05	5.53	0.285	0.41	1.4
443398		17.0	96.0	<0.002	0.01	0.23	8.9	1	1.2	237	0.59	<0.05	7.84	0.278	0.50	1.5
443399		18.7	63.4	0.002	0.02	0.22	11.0	<1	1.0	240	0.40	<0.05	6.31	0.303	0.44	1.1
443400		14.1	57.8	<0.002	0.01	0.15	12.7	<1	0.9	245	0.41	<0.05	6.29	0.282	0.37	1.0

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 8- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201586

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
443371		66	0.5	11.2	45	147.0
443372		79	0.6	24.0	37	102.0
443373		72	0.6	11.4	46	211
443374		53	0.6	12.1	39	139.5
443375		132	1.5	16.4	53	226
443376		62	0.5	14.2	77	118.5
443377		52	0.8	12.9	93	109.0
443378		50	0.5	15.4	64	103.5
443379		100	0.6	6.5	49	135.5
443380		65	0.6	7.7	36	141.5
443381		51	0.6	7.3	26	168.0
443382		70	0.5	8.3	27	201
443383		56	0.4	8.2	26	183.5
443384		62	0.5	16.5	26	191.0
443385		160	2.4	12.7	45	187.5
443386		65	0.6	44.2	242	175.0
443387		169	0.5	9.9	61	146.5
443388		285	0.4	12.7	81	49.1
443389		61	0.4	12.6	39	186.0
443390		60	0.5	8.4	30	199.0
443391		66	0.4	7.9	34	154.5
443392		62	0.6	7.3	29	173.0
443393		54	0.5	9.0	32	175.0
443394		50	0.4	7.5	28	172.0
443395		62	0.4	6.7	24	150.0
443396		59	0.5	9.3	27	191.0
443397		74	0.5	8.6	52	211
443398		63	0.6	10.2	153	176.0
443399		104	0.5	7.8	37	194.5
443400		94	0.4	8.4	36	183.0

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Finalized Date: 8- OCT- 2017
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CERTIFICATE OF ANALYSIS VO17201586

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada
LOG- 22 LOG- 23 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201588

Project: KAN

P.O. No.: SOILKAN- 051

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 25- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 22	Sample login - Rcd w/o BarCode
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
SCR- 41	Screen to - 180um and save both

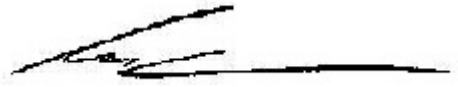
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17201588

Sample Description	Method	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
457941		0.002	0.13	5.95	7.7	480	1.19	0.15	0.57	0.14	65.6	17.2	246	1.75	24.5	6.39
457942		0.019	0.02	6.58	3.3	700	1.18	0.10	1.01	0.13	54.6	8.2	57	2.23	7.2	4.56
457943		0.003	0.04	7.04	21.1	60	0.59	0.26	1.04	0.10	15.20	61.2	4	1.78	153.5	13.45
457944		<0.001	0.05	6.49	4.1	670	1.37	0.09	1.03	0.05	65.4	7.9	44	1.55	18.8	3.71
457945		<0.001	0.05	6.36	3.4	660	1.15	0.10	0.93	0.04	39.8	5.2	49	1.56	4.7	4.38
457946		<0.001	0.08	6.34	2.5	650	1.19	0.07	0.90	0.06	43.9	4.7	41	1.28	7.7	3.03
457947		<0.001	0.03	6.28	2.7	660	1.28	0.08	1.00	0.05	55.2	6.0	38	1.13	8.7	2.98
457948		<0.001	0.02	6.39	2.3	690	1.31	0.06	1.04	0.05	47.9	4.8	37	1.04	8.1	2.87
457949		0.001	0.06	6.53	2.9	670	1.30	0.07	0.98	0.06	47.9	6.7	43	1.23	5.0	3.47
457950		<0.001	0.03	7.23	2.1	710	1.63	0.17	0.62	0.08	69.4	16.7	239	2.08	36.4	5.14
457951		0.008	0.46	6.20	25.2	500	1.22	0.20	0.81	0.37	39.1	18.1	65	3.21	59.9	12.35
457952		0.006	0.26	6.33	21.2	610	1.24	0.13	0.97	0.25	38.6	9.1	54	2.30	50.7	8.33
457953		0.004	0.16	6.94	10.8	650	1.41	0.13	0.97	0.22	60.1	12.0	58	2.98	37.1	6.27
457954		0.006	0.20	6.12	18.0	560	1.20	0.13	0.71	0.34	41.2	8.4	64	3.83	38.1	9.09
457955		0.023	0.15	8.55	13.6	190	0.74	0.32	0.19	0.03	38.1	27.9	579	3.98	377	14.75
457956		0.003	0.15	6.73	11.2	560	1.62	0.10	0.88	0.23	45.2	11.4	64	4.00	31.4	7.56
457957		0.004	0.07	6.95	5.9	520	1.69	0.16	0.64	0.12	54.3	11.9	69	7.49	32.9	8.32
457958		0.001	0.51	6.01	4.2	460	1.28	0.29	0.36	0.27	49.8	5.7	67	6.45	48.9	8.02
457959		0.008	0.65	6.72	11.5	490	1.72	0.16	0.84	0.63	46.2	14.8	72	5.28	63.2	10.55
457960		0.001	0.13	6.84	3.4	650	1.39	0.11	1.24	0.09	51.6	7.6	56	3.00	21.8	4.67
457961		0.005	0.18	6.66	3.5	570	1.46	0.13	1.24	0.14	47.8	11.6	65	3.99	33.9	5.91
457962		0.001	0.08	6.81	2.2	560	1.72	0.13	0.71	0.14	65.0	11.1	68	5.64	16.3	7.91
457963		<0.001	0.08	6.80	5.6	520	1.65	0.16	0.66	0.16	66.7	12.2	69	5.27	20.9	8.01
457964		0.014	0.74	5.73	27.2	480	1.23	0.15	0.87	0.58	38.8	8.7	58	4.05	46.6	8.20
457965		0.008	0.78	0.87	1.6	20	0.25	0.27	0.16	0.43	7.94	15.6	4	0.52	240	44.4
457966		0.005	0.08	6.92	11.8	620	1.43	0.13	0.96	0.24	73.8	11.4	58	2.89	45.4	6.43
457967		0.004	0.72	6.22	14.0	560	1.20	0.17	0.89	0.13	45.6	8.8	55	3.58	50.8	10.25
457968		0.006	2.27	3.15	46.8	210	0.75	0.26	0.21	0.18	42.4	4.3	38	2.08	96.6	24.4
457969		0.003	0.32	5.46	14.7	500	0.95	0.13	0.90	0.20	43.7	8.3	58	4.18	72.6	9.45
457970		<0.001	0.01	0.09	0.7	<10	<0.05	0.01	0.01	<0.02	2.32	0.4	6	0.10	4.3	0.34
457971		0.001	0.19	6.43	6.2	610	1.17	0.10	1.05	0.20	40.7	10.0	61	3.29	31.8	5.98
457972		<0.001	0.24	6.33	11.7	580	1.18	0.12	0.77	0.08	44.3	8.7	63	6.16	27.4	6.73
457973		0.001	0.13	6.66	6.8	550	1.52	0.13	0.98	0.70	55.0	12.7	64	4.98	30.7	6.22
457974		<0.001	0.13	0.21	6.6	10	<0.05	0.05	0.02	<0.02	1.36	0.5	8	0.10	105.0	>50
457975		0.003	0.16	0.78	2.2	30	0.09	0.07	0.04	<0.02	7.23	0.7	17	0.35	81.8	48.7
457976		<0.001	0.08	4.90	2.0	170	1.44	0.06	0.46	1.95	164.5	35.6	26	0.86	45.3	26.5
457977		<0.001	0.03	6.75	5.1	660	1.20	0.08	1.41	0.08	47.0	7.7	47	1.34	4.5	3.52
457978		0.001	0.07	2.25	2.2	140	1.23	0.05	12.35	0.29	21.1	11.2	46	8.83	8.6	14.55
457979		<0.001	0.08	1.46	0.9	80	1.03	0.07	1.55	0.25	22.1	9.9	38	3.10	15.1	16.00
457980		<0.001	0.09	3.04	1.7	290	0.73	0.09	1.91	0.35	30.4	6.2	34	2.45	11.1	11.50

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201588

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
457941		15.00	0.11	5.3	0.049	1.81	30.2	16.6	0.72	713	0.69	1.36	6.5	81.3	620	14.4
457942		17.65	0.09	5.0	0.038	2.35	24.9	20.8	0.70	584	1.17	1.90	9.0	14.8	350	15.3
457943		19.70	0.06	1.3	0.102	0.23	6.3	29.8	2.79	1710	0.78	1.09	6.4	26.0	490	10.0
457944		14.10	0.09	4.7	0.031	2.31	27.9	15.8	0.61	402	0.49	1.93	6.7	15.5	540	15.6
457945		16.10	0.07	5.2	0.033	2.22	19.5	13.3	0.54	383	0.56	1.87	7.9	12.2	340	16.5
457946		13.20	0.08	4.4	0.022	2.16	20.5	15.1	0.44	304	0.45	1.89	6.2	9.8	390	13.7
457947		12.55	0.10	4.3	0.027	2.21	23.7	14.0	0.44	471	0.45	1.98	5.8	10.7	550	14.1
457948		12.50	0.11	4.6	0.027	2.28	22.2	13.4	0.43	295	0.34	2.09	5.6	10.3	560	13.6
457949		12.60	0.10	4.6	0.026	2.25	22.3	15.4	0.49	448	0.42	2.01	6.3	12.3	540	13.8
457950		17.60	0.12	5.5	0.043	2.60	31.6	19.6	0.70	615	0.83	1.46	10.4	71.2	570	11.1
457951		14.85	0.10	4.1	0.058	1.83	20.4	23.5	0.63	1080	9.33	1.32	6.6	26.3	1130	35.5
457952		13.95	0.09	4.1	0.040	2.20	20.7	14.2	0.65	882	6.81	1.85	6.2	27.3	630	24.5
457953		14.95	0.11	4.0	0.035	2.30	28.3	20.0	0.69	2640	3.87	1.94	6.9	24.6	440	23.0
457954		15.55	0.09	3.9	0.042	2.11	19.9	15.7	0.77	1280	6.23	1.34	7.7	24.6	780	24.0
457955		21.6	0.09	4.0	0.096	0.43	17.4	22.8	0.24	504	2.51	0.10	14.1	237	430	20.6
457956		14.70	0.09	3.5	0.037	2.02	21.4	25.6	0.90	1800	3.96	1.56	7.3	24.4	530	23.3
457957		16.60	0.12	3.5	0.035	2.39	29.1	38.5	0.76	3870	2.42	1.31	7.5	24.7	400	19.2
457958		16.25	0.09	3.2	0.039	2.10	24.8	18.7	0.39	2160	3.08	0.88	7.0	22.7	790	22.4
457959		15.45	0.11	3.4	0.048	2.05	22.3	30.4	0.84	3000	7.11	1.24	6.9	31.2	710	26.1
457960		14.70	0.12	4.9	0.037	2.27	27.6	21.2	0.75	1260	1.18	1.97	6.8	21.2	960	15.1
457961		14.90	0.09	3.6	0.042	1.98	27.2	26.3	0.93	2450	1.10	1.58	6.8	24.8	890	16.7
457962		16.25	0.10	3.6	0.035	2.30	35.8	31.4	0.70	4200	0.84	1.41	7.5	22.1	470	19.1
457963		15.40	0.12	3.4	0.042	2.17	39.4	34.3	0.66	3520	1.09	1.35	7.2	21.8	410	20.7
457964		13.00	0.11	3.4	0.046	1.83	21.6	18.0	0.65	1780	11.35	1.25	6.6	23.3	1260	42.0
457965		3.25	0.70	0.1	0.053	0.04	3.9	2.0	0.49	8380	1.07	0.01	1.6	19.1	660	10.8
457966		14.40	0.11	3.8	0.037	2.24	27.5	27.1	0.76	2380	1.02	1.75	6.3	29.7	270	34.2
457967		14.60	0.08	4.8	0.046	2.02	21.4	16.8	0.71	1230	3.04	1.58	7.6	18.8	690	27.1
457968		12.30	0.11	2.8	0.065	1.14	21.7	7.9	0.40	1890	6.98	0.45	8.4	15.9	1420	49.1
457969		14.45	0.09	3.3	0.058	1.93	24.4	12.8	0.64	1120	5.12	1.19	6.7	25.0	770	20.7
457970		0.24	<0.05	0.2	<0.005	0.01	1.1	12.9	<0.01	32	0.65	<0.01	0.9	2.6	10	0.6
457971		14.80	0.09	3.6	0.035	2.17	21.0	17.9	0.70	1200	1.67	1.85	5.8	22.0	460	16.7
457972		15.75	0.11	4.4	0.039	2.21	22.7	16.9	0.67	937	2.24	1.55	7.1	18.9	600	18.7
457973		14.90	0.12	4.1	0.034	2.10	28.9	29.4	0.75	3330	3.85	1.75	6.4	42.1	720	19.0
457974		3.05	0.22	0.2	0.107	0.06	0.6	0.4	0.01	16	0.81	0.04	0.3	1.3	450	5.8
457975		3.38	0.23	1.0	0.044	0.26	3.7	0.7	0.04	16	2.07	0.07	0.9	2.2	670	4.3
457976		4.87	0.27	1.0	0.065	0.52	48.4	5.2	0.21	2190	1.95	0.58	1.3	152.5	1440	5.2
457977		15.15	0.10	5.0	0.031	2.09	23.0	19.9	0.76	446	0.71	2.30	6.8	16.3	540	15.5
457978		8.12	0.08	1.3	0.020	0.47	10.6	22.7	1.95	10100	0.74	0.27	10.2	22.4	560	3.4
457979		5.52	0.09	0.9	0.020	0.18	11.7	10.5	1.07	13600	0.70	0.09	9.9	16.8	900	2.7
457980		8.30	0.07	2.5	0.022	0.84	14.9	5.4	0.76	6040	1.16	0.88	6.6	9.8	1080	10.8

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201588

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
457941		70.0	<0.002	0.02	0.22	10.5	<1	1.0	134.0	0.43	<0.05	7.78	0.311	0.36	1.3	84
457942		100.0	<0.002	0.01	0.24	8.6	<1	1.3	230	0.61	<0.05	6.52	0.384	0.45	1.3	82
457943		13.8	<0.002	0.01	0.40	35.9	1	1.0	53.8	0.40	0.14	2.00	0.738	0.12	0.5	637
457944		81.3	<0.002	0.01	0.24	8.1	<1	0.9	224	0.44	0.07	6.83	0.272	0.44	1.3	61
457945		78.6	<0.002	0.01	0.24	7.3	<1	1.0	224	0.49	0.05	5.06	0.305	0.42	1.1	66
457946		72.3	<0.002	0.01	0.18	6.6	<1	0.8	223	0.39	<0.05	5.35	0.237	0.41	1.1	45
457947		73.7	<0.002	0.01	0.17	6.3	<1	0.7	236	0.35	<0.05	6.16	0.232	0.36	1.1	43
457948		72.8	<0.002	0.01	0.17	6.3	<1	0.8	248	0.36	<0.05	4.84	0.222	0.40	1.0	41
457949		74.0	<0.002	0.01	0.18	6.8	<1	0.8	239	0.40	<0.05	6.09	0.240	0.38	1.0	49
457950		101.0	<0.002	0.01	0.17	13.2	<1	1.3	153.5	0.65	0.05	8.49	0.502	0.50	1.6	105
457951		71.3	<0.002	0.07	0.83	8.6	2	1.0	167.0	0.46	0.45	6.28	0.252	0.72	2.6	88
457952		81.2	<0.002	0.04	0.63	8.4	2	0.9	231	0.45	0.32	5.76	0.237	0.58	2.8	83
457953		82.2	<0.002	0.02	0.37	8.9	1	1.0	250	0.50	0.09	7.85	0.261	0.58	3.7	79
457954		83.1	<0.002	0.07	0.45	8.6	1	1.1	166.5	0.54	0.19	7.23	0.275	0.61	2.5	94
457955		41.0	<0.002	0.05	0.90	51.5	3	2.6	32.0	1.07	0.12	14.70	0.779	0.27	2.7	240
457956		82.6	<0.002	0.04	0.26	8.5	1	0.9	193.5	0.52	0.09	7.85	0.275	0.51	2.8	84
457957		113.0	<0.002	0.02	0.21	10.7	1	1.1	154.0	0.56	0.06	8.17	0.295	0.49	2.7	94
457958		93.8	<0.002	0.03	0.25	8.0	1	1.2	103.0	0.49	0.15	7.69	0.262	0.40	2.5	90
457959		87.7	<0.002	0.03	0.38	9.9	3	1.1	154.0	0.52	0.14	7.71	0.266	0.52	4.2	97
457960		90.0	<0.002	0.03	0.20	9.1	1	0.9	257	0.49	0.06	7.06	0.272	0.44	2.2	66
457961		86.5	<0.002	0.04	0.22	11.2	1	0.9	209	0.48	0.06	6.61	0.297	0.43	1.9	87
457962		102.5	<0.002	0.02	0.20	9.6	1	1.1	175.5	0.53	0.07	7.97	0.276	0.43	1.7	73
457963		97.9	<0.002	0.06	0.35	9.5	1	1.1	162.0	0.53	0.10	7.65	0.273	0.50	2.0	76
457964		84.6	<0.002	0.07	0.60	8.1	3	0.9	166.0	0.48	0.19	6.31	0.239	0.65	3.1	127
457965		2.7	<0.002	0.48	0.30	3.9	15	0.2	8.3	0.19	3.67	0.23	0.015	0.23	0.4	54
457966		83.3	<0.002	0.02	0.33	9.0	1	0.9	216	0.44	0.11	8.13	0.243	0.53	2.0	69
457967		79.4	<0.002	0.04	0.40	7.7	2	1.0	206	0.58	0.13	7.50	0.281	0.50	2.4	81
457968		42.3	<0.002	0.07	2.28	5.3	3	1.4	44.8	0.48	1.04	3.71	0.152	0.62	2.3	96
457969		78.8	<0.002	0.06	0.49	7.8	2	1.0	160.5	0.45	0.24	6.29	0.241	0.52	5.3	84
457970		0.5	<0.002	<0.01	0.21	0.2	<1	0.5	0.9	0.06	<0.05	0.65	0.028	<0.02	0.1	3
457971		79.6	<0.002	0.02	0.34	8.8	1	0.9	249	0.43	0.10	6.30	0.235	0.47	1.5	69
457972		94.0	<0.002	0.03	0.45	9.0	1	1.1	203	0.56	0.18	7.35	0.272	0.53	1.7	77
457973		98.1	<0.002	0.03	0.34	9.5	1	1.0	225	0.49	0.07	6.26	0.239	0.43	4.6	78
457974		2.3	<0.002	1.31	0.25	1.0	4	<0.2	4.1	<0.05	0.44	2.18	0.013	0.04	0.6	25
457975		6.8	<0.002	0.78	0.21	2.8	2	0.3	6.9	0.06	0.27	2.74	0.037	0.15	2.6	29
457976		20.5	<0.002	0.34	0.21	9.0	2	0.3	81.8	0.10	<0.05	4.37	0.048	0.15	13.9	13
457977		75.7	<0.002	0.01	0.23	8.2	<1	0.9	307	0.43	<0.05	6.17	0.230	0.42	1.3	56
457978		32.1	<0.002	0.02	0.37	4.4	1	0.7	77.2	0.68	<0.05	2.13	0.189	0.35	0.9	91
457979		10.0	<0.002	0.09	0.15	3.3	1	0.7	41.4	0.59	0.07	1.75	0.159	0.16	1.2	73
457980		30.8	<0.002	0.09	0.22	4.1	1	0.7	130.5	0.39	0.05	3.79	0.167	0.20	1.3	64

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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201588

Sample Description	Method Analyte Units LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	WEI- 21 Recvd Wt. kg 0.02
457941		0.6	8.0	60	196.5	0.31
457942		0.7	8.8	52	187.0	0.25
457943		0.2	16.8	162	51.0	0.26
457944		0.5	11.3	36	171.5	0.30
457945		0.6	7.7	28	194.0	0.27
457946		0.5	8.4	27	162.5	0.40
457947		0.4	9.6	29	163.0	0.43
457948		0.4	9.3	25	166.5	0.41
457949		0.5	8.5	42	173.0	0.34
457950		0.8	8.5	56	205	0.35
457951		0.7	6.8	164	150.5	0.18
457952		0.6	7.7	152	146.0	0.21
457953		0.6	9.5	125	145.0	0.21
457954		0.8	6.5	135	145.5	0.18
457955		1.6	10.8	45	145.5	0.08
457956		0.6	8.1	117	128.5	0.14
457957		0.9	10.6	97	124.5	0.18
457958		1.0	5.3	77	120.5	0.15
457959		0.9	10.1	208	120.0	0.18
457960		0.6	10.8	76	172.5	0.17
457961		0.7	12.4	72	137.5	0.15
457962		0.8	11.2	64	135.0	0.18
457963		0.8	12.0	61	124.0	0.16
457964		0.9	8.2	131	121.0	0.14
457965		0.1	11.9	42	7.1	0.25
457966		0.6	10.9	74	133.0	0.17
457967		0.6	6.8	99	170.5	0.18
457968		0.7	6.9	67	113.0	0.16
457969		0.7	8.1	97	120.5	0.16
457970		0.2	0.6	3	7.7	0.08
457971		0.6	6.5	56	133.0	0.19
457972		0.7	6.0	57	163.0	0.14
457973		0.6	11.9	247	150.5	0.16
457974		<0.1	0.2	69	14.2	0.38
457975		0.1	1.0	60	41.4	0.33
457976		0.1	39.9	1180	38.7	0.17
457977		0.4	10.2	44	189.5	0.25
457978		0.2	6.3	63	50.3	0.23
457979		0.2	9.0	33	38.9	0.21
457980		0.4	5.8	31	98.1	0.13

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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CERTIFICATE OF ANALYSIS VO17201588

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.
LOG- 22 LOG- 24 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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CERTIFICATE VO17201589

Project: KAN

P.O. No.: SOILKAN- 052

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 25- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 22	Sample login - Rcd w/o BarCode
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17201589

Sample Description	Method	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
457981		0.004	0.26	0.51	0.9	10	0.56	0.23	0.75	0.15	27.6	12.1	23	0.09	20.4	31.8
457982		0.012	0.13	5.57	8.4	500	1.11	0.12	1.12	0.23	45.7	10.2	49	2.03	17.9	6.90
457983		0.002	0.03	6.63	6.5	570	1.14	0.15	1.06	0.11	38.9	10.3	67	3.42	8.8	4.96
457984		<0.001	0.02	6.74	3.6	660	1.21	0.11	1.04	0.06	32.1	7.7	53	2.18	6.5	3.78
457985		0.014	0.10	0.88	10.9	40	0.68	0.09	3.95	0.08	16.95	8.4	22	0.37	14.8	12.95
457986		0.004	0.21	1.39	6.8	40	0.70	0.11	3.53	0.53	26.1	13.9	25	0.70	36.8	15.90
457987		<0.001	0.04	0.50	6.7	20	0.51	0.05	2.20	0.09	12.25	6.2	12	0.28	8.7	12.20
457988		<0.001	0.10	0.61	7.4	20	0.72	0.10	0.68	0.23	15.95	7.5	16	1.49	14.1	15.20
457989		<0.001	0.05	5.68	10.9	360	1.62	0.24	0.84	0.12	118.5	17.8	72	5.31	79.0	9.37
457990		<0.001	0.10	6.11	2.0	640	0.98	0.09	0.89	0.08	43.5	6.7	43	1.85	9.8	4.44
457991		<0.001	0.09	5.77	2.0	560	1.26	0.29	0.64	0.06	38.9	7.3	54	3.83	37.1	7.95
457992		<0.001	0.03	8.83	7.4	570	1.93	0.22	0.22	0.03	46.9	15.3	165	2.28	33.3	7.33
457993		<0.001	0.09	6.18	9.7	550	1.32	0.20	0.93	0.10	55.3	16.8	85	2.29	14.7	6.59
457994		<0.001	0.04	6.17	2.0	700	1.06	0.07	0.91	0.04	42.6	4.3	36	1.15	5.6	2.82
457995		<0.001	0.02	9.45	10.2	150	0.89	0.36	0.31	0.04	54.4	7.9	119	6.86	33.7	6.60
457996		0.003	0.06	5.82	2.4	610	1.06	0.10	0.83	0.06	58.3	5.8	55	3.66	8.8	4.64
457997		<0.001	0.07	5.37	0.9	370	1.51	0.21	0.54	0.07	58.1	14.0	40	15.15	39.4	8.11
457998		0.074	0.08	6.20	2.4	640	1.20	0.11	0.84	0.08	54.1	7.7	49	2.33	25.8	4.52
457999		<0.001	0.05	6.01	1.7	670	1.00	0.07	0.93	0.06	42.7	4.8	41	1.32	7.3	3.58
458000		<0.001	0.04	6.50	2.9	700	1.38	0.07	1.04	0.06	66.7	10.1	48	1.28	13.5	3.51
458001		<0.001	0.02	6.36	1.1	670	1.12	0.12	1.23	0.06	38.7	4.4	42	1.16	19.5	2.68
458002		<0.001	0.02	6.87	1.5	740	1.30	0.09	1.61	0.05	49.1	7.5	49	1.27	16.7	2.68
458003		<0.001	0.03	6.97	0.9	730	1.25	0.11	1.48	0.08	36.3	5.4	43	1.32	3.4	2.84
458004		<0.001	0.02	7.11	2.0	770	1.30	0.10	1.49	0.03	54.2	8.1	53	1.81	13.6	2.86
458005		<0.001	0.03	6.65	2.8	570	1.09	0.14	1.24	0.06	41.9	8.0	56	1.37	63.9	4.28
458006		<0.001	0.14	3.95	2.1	340	1.25	0.09	1.56	0.50	27.8	9.2	43	1.71	16.8	9.02
458007		0.003	0.10	2.66	1.9	50	0.80	0.14	0.47	0.16	31.0	22.8	73	1.97	36.4	26.1
458008		0.002	0.12	1.50	1.2	60	0.68	0.07	0.46	0.24	25.7	12.8	44	0.58	16.9	27.9
458009		<0.001	0.05	0.76	0.7	70	0.42	0.07	0.56	0.45	17.95	5.2	11	0.22	8.3	16.05
458010		<0.001	0.01	0.09	0.7	<10	<0.05	0.01	0.01	<0.02	2.27	0.4	5	0.09	4.4	0.38
458011		0.003	0.08	0.27	0.6	10	0.55	0.11	2.20	0.11	19.70	3.5	5	0.08	11.4	26.6
458012		<0.001	0.03	0.16	0.3	10	0.32	0.04	0.85	0.09	20.1	2.6	3	0.13	3.1	19.30
458013		0.002	0.11	0.38	0.6	40	0.64	0.06	4.15	0.13	31.5	5.5	7	0.35	8.4	21.1
458014		<0.001	0.10	1.04	13.8	60	0.35	0.05	0.13	0.41	28.7	5.6	18	0.22	14.2	10.10
458015		<0.001	0.19	0.29	0.4	20	0.12	0.07	3.42	3.04	4.70	4.2	7	0.21	32.1	1.84
458016		0.003	0.24	2.38	4.3	70	1.11	0.06	1.18	11.45	54.8	52.2	22	1.10	67.2	22.0
458017		0.009	0.59	2.11	10.5	70	1.06	0.12	1.34	1.54	29.4	16.7	37	2.80	65.8	14.20
458018		0.001	0.03	0.80	7.9	30	1.79	0.03	2.86	0.13	21.0	9.0	23	4.08	9.3	23.9
458019																
458020																

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
457981		2.70	0.24	0.5	0.012	0.03	16.6	2.9	0.72	13900	1.65	0.02	3.8	15.0	810	8.9
457982		13.05	0.08	3.3	0.034	1.72	21.6	15.8	0.74	2800	3.27	1.62	7.3	23.9	470	21.1
457983		17.60	0.09	3.7	0.039	1.94	19.9	35.7	1.04	945	1.13	1.71	9.1	20.5	630	15.4
457984		17.15	0.08	3.3	0.029	2.10	16.6	21.8	0.82	505	0.78	2.04	7.0	17.9	430	14.9
457985		3.54	0.07	1.1	0.016	0.24	9.2	6.1	1.08	8310	1.94	0.04	7.9	15.1	450	4.5
457986		5.15	0.10	2.3	0.033	0.43	13.8	7.4	1.28	11350	5.04	0.04	9.9	29.4	610	7.2
457987		1.84	0.06	0.5	0.010	0.06	6.4	2.8	0.79	7430	0.57	0.04	4.8	9.2	470	2.6
457988		2.77	0.08	0.6	0.013	0.08	8.5	2.4	0.64	7400	0.62	0.04	5.3	10.4	570	3.6
457989		13.75	0.17	4.9	0.048	1.05	59.3	32.2	1.61	1940	0.78	1.34	8.2	32.6	690	21.2
457990		12.70	0.10	5.1	0.029	2.11	22.1	12.7	0.59	558	0.40	1.83	6.8	12.4	450	13.1
457991		13.30	0.09	3.8	0.044	1.77	21.0	15.1	0.73	882	1.10	1.24	7.9	14.7	540	11.6
457992		23.1	0.11	4.8	0.094	2.89	22.4	28.6	1.43	414	0.69	1.34	9.4	43.4	370	12.1
457993		21.1	0.12	4.4	0.050	1.72	25.3	18.8	0.81	1080	1.06	1.66	12.8	26.9	650	21.9
457994		13.20	0.12	3.8	0.021	2.28	21.5	11.5	0.39	288	0.40	1.95	5.9	9.6	470	14.2
457995		27.2	0.10	5.1	0.100	0.50	25.4	38.2	0.31	498	2.67	0.14	24.3	46.7	520	25.6
457996		14.30	0.12	4.5	0.028	1.97	28.2	12.9	0.57	475	0.46	1.69	7.0	14.2	300	14.9
457997		12.80	0.13	3.1	0.033	1.44	31.1	20.5	1.16	1600	0.26	1.27	6.1	18.3	420	20.5
457998		14.20	0.12	5.2	0.036	2.18	27.0	15.7	0.56	508	0.47	1.76	7.2	14.3	470	14.9
457999		12.85	0.12	5.0	0.027	2.20	21.0	11.9	0.47	370	0.45	1.91	6.8	10.3	360	13.0
458000		13.45	0.13	4.7	0.028	2.27	30.0	16.1	0.58	463	0.41	1.99	6.9	17.7	600	14.3
458001		16.90	0.09	5.7	0.024	2.05	19.5	8.6	0.48	257	0.46	2.23	7.4	10.9	270	15.6
458002		15.50	0.12	4.4	0.025	2.25	22.5	12.3	0.69	360	0.32	2.52	8.1	17.7	660	15.2
458003		18.25	0.10	4.3	0.028	2.24	16.2	7.8	0.55	274	0.46	2.54	7.8	12.4	390	15.3
458004		16.65	0.14	3.7	0.029	2.35	27.7	15.6	0.77	428	0.35	2.42	7.2	20.6	530	14.8
458005		17.10	0.12	4.7	0.034	1.72	20.1	14.5	0.68	360	0.52	1.85	7.9	16.5	330	15.2
458006		10.15	0.09	1.8	0.024	1.09	14.8	21.8	0.77	6890	0.72	1.02	5.2	22.9	790	8.7
458007		10.50	0.60	1.5	0.036	0.07	17.3	25.4	1.43	19250	1.46	0.02	15.3	52.2	710	5.5
458008		4.84	0.44	1.0	0.024	0.09	14.2	5.4	0.74	15350	1.03	0.08	6.7	23.2	1000	2.5
458009		2.27	0.09	0.4	0.011	0.12	9.6	1.6	0.30	8570	0.83	0.12	2.3	7.8	650	4.2
458010		0.21	0.05	0.2	<0.005	<0.01	1.1	11.3	<0.01	54	0.70	<0.01	0.9	2.7	10	0.7
458011		1.35	0.09	0.1	0.011	0.04	12.0	2.2	0.79	7400	0.53	0.01	1.4	3.5	380	3.3
458012		0.99	0.09	0.1	0.007	0.04	12.7	1.6	0.52	4020	0.43	0.01	0.9	3.3	290	1.9
458013		1.89	0.10	0.2	0.011	0.07	20.3	3.7	1.47	4710	0.73	0.04	1.8	7.1	360	4.3
458014		3.81	0.08	0.8	0.018	0.23	14.6	2.2	0.08	1240	1.86	0.17	3.2	6.2	280	74.1
458015		0.69	0.06	0.2	0.007	0.07	3.0	0.9	1.09	948	0.77	0.06	0.5	27.1	1020	3.0
458016		5.78	0.11	4.1	0.048	0.68	28.2	7.5	0.74	5210	4.39	0.07	12.3	145.0	820	17.9
458017		6.56	0.10	1.9	0.038	0.67	15.9	7.0	1.25	7520	4.76	0.15	8.5	92.4	1000	38.0
458018		3.66	0.08	0.6	0.015	0.20	11.6	3.2	1.31	13200	0.81	0.03	6.6	14.1	690	2.6
458019																
458020																

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	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
457981		1.1	<0.002	0.05	0.16	1.8	2	<0.2	25.9	0.18	0.28	1.06	0.051	0.02	1.0	43
457982		65.4	<0.002	0.02	0.38	8.0	<1	0.9	214	0.60	0.08	5.40	0.215	0.60	1.9	90
457983		109.0	<0.002	0.03	0.51	9.9	1	1.5	195.5	0.64	0.05	7.14	0.327	0.52	2.4	85
457984		87.6	<0.002	0.01	0.36	7.8	<1	1.1	255	0.52	<0.05	4.89	0.245	0.49	1.4	68
457985		8.2	<0.002	0.03	0.27	2.0	1	0.4	44.6	0.56	0.11	1.50	0.142	0.15	1.1	48
457986		11.4	<0.002	0.05	0.34	3.4	1	0.6	46.0	0.73	0.14	2.39	0.144	0.25	2.2	59
457987		3.2	<0.002	0.04	0.16	1.2	1	0.3	27.8	0.26	0.05	0.87	0.070	0.04	0.5	27
457988		4.1	<0.002	0.05	0.20	1.4	1	0.3	21.9	0.31	0.09	1.02	0.076	0.04	0.7	34
457989		64.5	<0.002	0.02	0.28	10.0	1	1.2	109.5	0.58	0.10	11.50	0.299	0.43	2.2	76
457990		72.5	<0.002	0.01	0.23	7.7	<1	0.9	224	0.47	<0.05	4.89	0.265	0.38	1.1	55
457991		82.0	<0.002	0.02	0.22	8.4	1	1.2	159.0	0.57	0.14	6.56	0.279	0.59	1.5	69
457992		124.5	<0.002	0.01	0.19	20.7	<1	1.8	72.5	0.70	0.06	12.40	0.403	0.59	2.0	132
457993		76.7	<0.002	0.02	0.44	10.5	1	1.7	201	1.83	0.07	7.09	0.454	0.48	1.9	103
457994		76.5	<0.002	0.01	0.21	6.2	<1	0.8	244	0.39	<0.05	4.92	0.221	0.41	1.0	41
457995		64.8	<0.002	0.05	0.78	15.3	3	4.2	52.7	1.78	<0.05	17.30	1.045	0.37	3.1	163
457996		72.7	<0.002	0.01	0.24	7.0	<1	1.0	213	0.49	<0.05	8.13	0.284	0.45	1.2	57
457997		115.5	<0.002	0.02	0.17	6.6	<1	1.1	95.6	0.47	0.10	7.99	0.219	1.10	1.2	43
457998		79.0	<0.002	0.01	0.23	7.8	1	1.0	215	0.51	<0.05	6.97	0.264	0.45	1.3	51
457999		69.3	<0.002	0.01	0.19	6.8	<1	0.8	236	0.44	<0.05	5.01	0.256	0.39	1.0	49
458000		76.9	<0.002	0.01	0.23	8.0	<1	0.9	247	0.48	<0.05	7.26	0.259	0.41	1.3	51
458001		71.5	<0.002	0.02	0.22	7.4	<1	1.2	292	0.61	<0.05	4.59	0.310	0.41	1.1	67
458002		78.2	<0.002	0.01	0.17	8.6	<1	1.1	338	0.81	<0.05	5.20	0.263	0.43	1.0	55
458003		80.7	<0.002	0.01	0.15	7.5	1	1.1	339	0.60	<0.05	3.58	0.286	0.41	0.8	68
458004		89.7	<0.002	0.01	0.22	9.6	<1	1.1	318	0.57	<0.05	6.33	0.282	0.48	1.3	62
458005		61.0	<0.002	0.02	0.31	10.1	1	1.1	242	0.63	<0.05	5.45	0.374	0.41	1.2	117
458006		44.9	<0.002	0.07	0.27	5.8	1	0.7	131.5	0.35	<0.05	3.38	0.172	0.26	1.8	65
458007		6.1	<0.002	0.03	0.18	5.9	2	0.7	21.6	0.84	0.18	2.48	0.304	0.11	1.7	188
458008		4.2	<0.002	0.06	0.16	3.5	2	0.2	26.5	0.41	0.09	1.77	0.134	0.05	1.2	70
458009		4.1	<0.002	0.05	0.18	1.3	1	0.2	24.2	0.12	<0.05	1.06	0.048	0.04	0.6	24
458010		0.3	<0.002	<0.01	0.24	0.1	<1	0.5	0.6	0.06	<0.05	0.69	0.029	<0.02	0.1	2
458011		2.0	<0.002	0.03	0.13	0.5	1	<0.2	42.2	0.08	<0.05	0.31	0.013	0.02	0.4	22
458012		1.8	<0.002	0.02	0.12	0.3	<1	<0.2	16.9	<0.05	<0.05	0.21	0.007	0.03	0.3	21
458013		3.6	<0.002	0.05	0.15	0.7	1	<0.2	31.7	0.09	0.08	0.44	0.019	0.10	0.5	48
458014		6.5	<0.002	0.03	0.31	1.2	1	0.3	23.4	0.16	0.07	1.39	0.055	0.09	2.2	34
458015		2.6	0.002	0.25	0.15	0.6	2	<0.2	41.7	<0.05	<0.05	0.37	0.014	0.05	5.5	5
458016		19.1	0.002	0.12	0.33	3.0	2	0.8	32.6	1.19	0.08	4.12	0.079	0.40	7.0	43
458017		20.3	0.002	0.15	0.66	4.6	3	0.7	36.9	0.52	0.16	2.42	0.121	0.42	3.1	74
458018		7.8	<0.002	0.03	0.23	1.8	1	0.3	36.9	0.39	<0.05	1.16	0.099	0.05	0.8	56
458019																
458020																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201589

Sample Description	Method Analyte Units LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	WEI- 21 Recvd Wt. kg 0.02
457981		0.8	13.4	28	22.9	0.19
457982		0.6	10.3	100	127.0	0.26
457983		1.0	10.3	68	141.5	0.25
457984		0.6	7.4	55	124.5	0.25
457985		1.0	6.7	19	47.0	0.35
457986		1.0	9.1	113	92.8	0.28
457987		0.5	5.7	26	22.1	0.21
457988		0.4	7.7	51	24.9	0.30
457989		0.6	18.6	110	190.5	0.37
457990		0.5	8.3	32	191.0	0.27
457991		0.6	7.5	57	142.0	0.32
457992		1.0	8.5	76	177.0	0.45
457993		1.2	12.9	69	161.5	0.38
457994		0.5	8.2	23	144.0	0.33
457995		2.5	13.5	46	186.5	0.07
457996		0.6	8.1	32	172.0	0.36
457997		0.4	7.3	90	118.0	0.31
457998		0.6	9.0	34	188.0	0.34
457999		0.5	8.0	26	189.5	0.38
458000		0.5	11.3	35	174.0	0.28
458001		0.5	7.2	25	203	0.30
458002		0.3	9.6	32	165.0	0.22
458003		0.4	7.3	25	163.5	0.28
458004		0.5	10.4	42	136.5	0.23
458005		0.7	8.6	33	166.5	0.24
458006		0.5	9.8	84	71.5	0.08
458007		0.5	11.1	47	70.9	0.11
458008		0.4	13.9	39	41.9	0.12
458009		0.2	6.0	34	17.2	0.09
458010		0.2	0.6	3	7.8	0.08
458011		0.1	8.9	27	6.9	0.14
458012		0.1	10.9	17	6.6	0.13
458013		0.2	16.6	25	9.0	0.15
458014		0.3	4.9	31	34.6	0.14
458015		0.1	2.7	202	6.3	0.09
458016		0.4	21.6	1740	147.5	0.12
458017		0.5	10.8	214	79.9	0.07
458018		0.5	10.7	35	31.6	0.16
458019						Not Recvd
458020						Not Recvd

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201589

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.
LOG- 22 LOG- 24 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201591

Project: KAN

P.O. No.: SOILKAN- 053

This report is for 10 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 22	Sample login - Rcd w/o BarCode
WEI- 21	Received Sample Weight
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201591

Sample Description	Method	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
458051		<0.001	0.06	6.57	4.1	660	1.35	0.13	0.90	0.08	51.6	8.3	51	2.01	11.3	4.51
458052		<0.001	0.18	6.72	4.8	630	1.41	0.08	0.85	0.13	53.1	9.4	56	1.83	10.7	4.24
458053		<0.001	0.04	6.19	4.7	640	1.47	0.08	0.85	0.05	64.4	8.9	65	1.56	19.2	4.29
458054		<0.001	0.05	6.47	3.0	640	1.18	0.08	0.84	0.06	53.8	6.1	49	1.74	9.3	3.84
458055		<0.001	0.04	6.09	3.6	600	1.22	0.06	0.85	0.05	52.4	5.8	49	1.42	8.7	3.82
458056		0.003	0.03	6.27	4.8	660	1.39	0.07	0.96	0.07	77.8	12.0	49	1.34	24.0	4.06
458057		<0.001	0.03	6.60	4.6	650	1.36	0.08	0.89	0.06	54.0	8.3	56	1.67	8.7	4.33
458058		<0.001	0.12	6.06	2.4	610	1.52	0.15	0.52	0.08	63.3	10.0	45	4.77	36.8	5.70
458059		<0.001	0.04	6.27	4.1	740	1.23	0.08	0.95	0.06	57.9	10.9	44	1.64	22.9	3.95
458060		<0.001	0.04	6.38	4.1	590	1.27	0.09	0.89	0.06	66.7	8.9	48	1.58	23.3	4.16

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201591

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
458051		14.40	0.09	4.4	0.036	2.17	24.9	21.8	0.66	543	0.49	1.95	7.3	17.3	390	13.9
458052		14.15	0.10	4.6	0.031	2.15	25.1	22.4	0.63	602	0.47	1.80	6.9	20.1	510	14.5
458053		13.60	0.11	4.7	0.034	2.05	31.0	20.2	0.60	503	0.55	1.80	8.6	21.5	400	12.8
458054		14.55	0.11	4.0	0.031	2.13	26.7	19.9	0.54	350	0.47	1.78	7.3	15.4	590	14.3
458055		12.85	0.09	4.0	0.028	2.07	24.3	17.8	0.53	337	0.44	1.83	6.1	14.2	410	13.2
458056		13.15	0.12	3.6	0.028	2.26	34.2	20.3	0.64	741	0.51	1.96	6.7	21.1	540	14.6
458057		14.35	0.10	4.1	0.032	2.21	25.6	22.2	0.61	429	0.50	1.90	7.6	18.6	460	14.9
458058		13.85	0.11	3.7	0.034	1.75	31.7	44.7	1.31	1600	0.52	2.14	7.2	16.8	270	14.1
458059		12.70	0.10	4.0	0.029	2.15	26.8	19.0	0.73	614	0.45	2.02	6.3	20.3	640	15.0
458060		13.40	0.12	4.3	0.029	2.09	39.3	21.1	0.83	409	0.49	1.99	7.1	20.6	600	14.9

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201591

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
458051		81.3	<0.002	0.01	0.19	8.5	1	1.0	224	0.48	<0.05	5.50	0.282	0.43	1.1	49
458052		81.5	<0.002	0.01	0.19	8.3	1	0.9	211	0.49	<0.05	6.57	0.275	0.41	1.3	54
458053		74.7	<0.002	0.01	0.19	8.8	<1	0.9	209	0.56	<0.05	7.26	0.278	0.42	1.4	54
458054		81.1	<0.002	0.01	0.17	7.5	1	1.0	219	0.51	<0.05	6.79	0.280	0.42	1.1	51
458055		75.3	<0.002	0.01	0.18	7.1	<1	0.8	215	0.42	<0.05	6.62	0.236	0.36	1.1	47
458056		80.9	<0.002	0.01	0.22	8.1	<1	0.8	236	0.46	<0.05	6.90	0.257	0.40	1.2	49
458057		83.6	<0.002	0.01	0.21	7.9	1	0.9	226	0.53	<0.05	6.40	0.283	0.40	1.2	55
458058		69.8	<0.002	0.01	0.15	7.1	1	1.0	125.5	0.50	0.25	7.85	0.269	0.37	1.0	47
458059		76.0	<0.002	0.01	0.21	7.0	1	0.8	222	0.46	<0.05	5.67	0.248	0.36	1.2	47
458060		74.3	<0.002	0.01	0.20	7.4	1	0.8	210	0.52	<0.05	6.25	0.245	0.36	1.4	51

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201591

Sample Description	Method Analyte Units LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	WEI- 21 Recvd Wt. kg 0.02
458051		0.7	10.6	43	177.0	0.21
458052		0.6	10.5	39	184.0	0.26
458053		0.5	12.4	35	182.0	0.31
458054		0.6	9.0	30	157.0	0.25
458055		0.5	9.4	30	161.5	0.23
458056		0.6	15.1	40	144.5	0.30
458057		0.6	9.9	38	164.5	0.23
458058		0.5	7.3	51	150.5	0.23
458059		0.5	11.2	39	161.0	0.21
458060		0.5	12.3	42	170.5	0.25

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 19- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201591

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 22- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201592

Project: KAN

P.O. No.: SOILKAN- 054

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 22	Sample login - Rcd w/o BarCode
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
SCR- 41	Screen to - 180um and save both

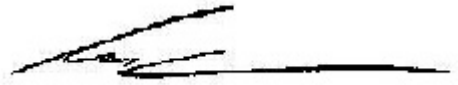
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 22- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201592

Sample Description	Method	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
458061		<0.001	0.05	6.16	4.6	640	1.20	0.09	1.00	0.07	70.1	10.4	49	2.02	25.1	4.52
458062		<0.001	0.05	6.69	3.2	700	1.26	0.09	1.01	0.07	56.6	8.3	54	2.12	15.7	3.81
458063		<0.001	0.05	6.26	3.8	640	1.29	0.06	0.96	0.06	61.9	8.4	44	1.34	20.2	3.52
458064		<0.001	0.08	6.69	4.1	630	1.36	0.07	0.91	0.07	51.1	7.1	51	1.57	10.0	4.09
458065		<0.001	0.04	6.69	3.0	630	1.20	0.10	0.93	0.06	67.0	5.0	46	2.23	7.6	2.87
458066		<0.001	0.03	6.30	3.7	560	1.20	0.09	0.76	0.06	41.1	6.5	49	1.25	6.2	4.20
458067		<0.001	0.09	6.44	4.4	640	1.41	0.08	0.88	0.06	44.8	6.5	47	1.42	8.6	4.18
458068		<0.001	0.04	5.93	3.6	640	1.40	0.07	1.03	0.08	52.0	6.7	42	1.04	9.0	3.51
458069		<0.001	0.04	6.03	2.2	510	1.39	0.06	1.01	0.54	39.3	16.6	43	1.50	11.8	12.30
458070		<0.001	0.03	6.79	9.5	660	1.63	0.08	1.38	0.08	45.5	8.3	51	1.61	6.5	4.39
458071		0.001	0.21	0.39	0.7	20	0.69	0.06	0.79	0.17	16.50	6.3	10	0.12	18.8	23.5
458072		<0.001	0.06	3.21	1.0	210	1.18	0.04	0.55	0.38	34.4	9.8	43	10.65	13.8	23.5
458073		0.001	0.02	4.16	0.4	80	1.33	0.03	0.67	0.66	35.4	20.7	96	23.1	21.4	26.4
458074		<0.001	0.04	1.37	<0.2	60	1.00	0.06	0.51	0.14	21.9	10.5	46	2.03	12.2	20.4
458075		<0.001	0.04	9.36	10.0	150	0.84	0.33	0.32	0.05	51.6	6.6	111	6.31	28.8	6.66
458076		<0.001	0.04	1.34	<0.2	20	0.89	0.04	0.05	0.08	40.2	6.9	28	0.78	10.1	31.8
458077		<0.001	0.07	1.41	0.9	100	0.65	0.12	0.44	0.47	26.7	6.6	29	0.29	11.4	22.6
458078		0.001	0.04	1.07	0.2	30	0.31	0.11	0.68	0.15	23.1	12.8	26	0.24	20.5	22.2
458079		0.007	0.10	1.40	3.7	100	1.10	0.06	2.19	0.24	18.45	7.6	28	4.12	18.7	13.15
458080		0.003	0.04	0.57	18.0	30	0.94	0.05	2.30	0.13	15.85	5.2	14	0.85	7.4	15.35
458081		<0.001	0.06	6.94	3.6	730	1.14	0.08	1.36	0.07	62.4	6.7	47	2.17	17.3	3.19
458082		<0.001	0.05	6.52	3.5	660	1.14	0.09	1.51	0.08	53.9	8.7	51	1.90	19.2	3.78
458083		<0.001	0.05	6.85	3.7	690	1.23	0.07	1.42	0.10	58.7	8.9	42	2.02	17.0	3.45
458084		<0.001	0.06	6.41	2.4	670	1.09	0.07	1.31	0.06	40.5	5.6	42	1.45	8.7	3.15
458085		<0.001	0.05	6.58	2.0	670	1.13	0.06	1.45	0.11	49.1	6.6	47	1.87	36.1	2.87
458086		0.003	0.06	6.41	8.2	580	1.23	0.13	0.96	0.08	34.5	11.0	54	2.15	25.1	3.25
458087		<0.001	0.03	8.06	9.0	710	1.56	0.14	0.69	0.04	72.4	7.1	57	3.21	18.0	3.61
458088		<0.001	0.04	7.54	1.3	640	1.58	0.12	0.55	0.06	62.1	7.6	56	2.37	16.1	3.65
458089		<0.001	0.05	7.41	1.0	750	1.44	0.12	0.85	0.06	67.4	4.9	53	2.17	11.9	3.08
458090		<0.001	0.01	0.12	0.4	10	0.06	0.01	0.01	<0.02	2.74	0.4	5	0.10	4.5	0.36
458091		<0.001	0.04	6.17	0.5	690	0.93	0.07	0.98	0.04	43.7	2.7	35	0.98	3.9	2.09
458092		<0.001	0.02	6.71	1.4	660	1.07	0.09	1.08	0.06	51.6	4.7	44	1.45	6.6	3.22
458093		<0.001	0.06	6.92	1.1	690	1.32	0.12	1.15	0.07	180.5	9.5	44	2.11	25.5	2.71
458094		<0.001	0.04	7.23	1.6	690	1.37	0.10	1.04	0.05	108.0	7.5	53	2.16	27.2	2.67
458095		<0.001	0.01	8.56	0.7	730	1.79	0.10	0.63	0.03	50.0	4.4	60	2.76	9.6	4.29
458096		0.001	0.14	7.11	1.8	610	2.09	0.11	1.06	0.11	388	24.5	55	1.58	102.0	5.05
458097		<0.001	0.02	6.99	2.1	690	1.20	0.07	1.12	0.05	49.0	6.9	50	1.55	10.8	3.31
458098		<0.001	0.03	7.02	0.8	720	1.44	0.28	0.83	0.04	46.2	4.5	50	2.28	11.6	3.17
458099		<0.001	0.02	7.43	4.0	690	1.40	0.10	1.06	0.05	49.8	8.0	61	2.19	8.8	4.33
458100		<0.001	0.03	7.18	4.2	660	1.22	0.10	1.06	0.05	48.7	8.3	60	2.05	10.3	4.34

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Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
458061		12.85	0.16	4.1	0.031	2.11	34.6	20.6	0.79	846	0.75	1.83	6.9	22.3	640	15.8
458062		14.40	0.14	4.2	0.031	2.31	28.2	23.3	0.76	666	0.45	1.91	6.9	20.7	640	14.1
458063		13.10	0.12	4.0	0.036	2.10	29.2	18.3	0.67	477	0.43	1.99	6.2	17.4	510	15.2
458064		13.50	0.10	4.7	0.029	2.06	23.8	19.6	0.71	423	0.48	1.97	6.4	16.5	550	16.1
458065		15.20	0.13	5.0	0.032	2.14	32.4	19.3	0.75	322	0.45	2.12	7.3	13.3	370	26.1
458066		13.45	0.12	4.5	0.030	1.79	19.4	21.0	0.76	479	0.47	2.00	6.1	13.3	450	18.3
458067		13.65	0.14	3.9	0.034	2.08	19.2	23.1	0.60	345	0.53	1.94	6.4	15.3	460	14.5
458068		12.25	0.13	4.3	0.026	2.12	22.6	15.7	0.48	386	0.41	2.00	6.2	13.3	540	14.7
458069		11.25	0.12	3.5	0.040	1.65	17.5	17.0	0.48	658	1.39	1.83	4.3	74.4	440	12.9
458070		14.45	0.12	4.5	0.032	2.17	21.8	21.2	0.85	511	1.19	2.27	6.2	18.3	440	15.1
458071		1.78	0.09	0.2	0.010	0.04	9.6	3.7	0.64	11950	1.07	0.03	1.8	8.5	520	5.0
458072		8.62	0.08	1.5	0.021	1.07	17.4	29.2	0.96	9410	0.82	0.31	7.4	16.4	540	13.7
458073		13.35	2.31	2.3	0.037	0.81	18.8	82.5	1.88	13850	1.51	0.05	16.7	33.7	710	2.5
458074		5.32	0.07	0.7	0.021	0.22	11.8	14.1	0.73	17950	1.21	0.01	8.1	21.8	410	2.1
458075		24.4	0.08	4.5	0.096	0.49	23.3	29.3	0.32	502	2.42	0.13	23.1	41.7	490	24.0
458076		5.58	0.42	1.2	0.028	0.05	19.9	9.4	0.41	15300	0.58	0.02	17.3	8.2	1060	1.6
458077		3.99	0.07	0.9	0.017	0.22	15.5	4.5	0.38	9700	1.43	0.21	3.6	9.7	1300	4.8
458078		3.68	0.06	0.7	0.017	0.06	12.1	3.4	0.58	10350	0.75	0.05	4.8	13.9	700	3.9
458079		4.23	0.05	0.8	0.017	0.33	9.6	3.4	1.18	11400	0.58	0.22	3.5	16.2	1140	6.3
458080		1.95	0.05	0.5	0.010	0.08	8.9	3.3	0.92	7150	0.67	0.07	3.7	8.1	880	3.1
458081		14.20	0.08	5.1	0.030	2.35	31.0	13.5	0.70	612	0.62	2.33	6.3	18.9	570	14.6
458082		13.40	0.08	5.3	0.029	2.07	26.1	11.7	0.73	831	0.76	2.25	6.2	18.3	640	13.7
458083		13.60	0.08	4.4	0.028	2.19	27.8	12.6	0.82	713	0.77	2.50	6.1	20.4	540	13.7
458084		13.10	0.07	4.2	0.026	2.15	19.5	12.8	0.64	408	0.72	2.24	5.6	14.2	490	12.6
458085		13.60	0.09	5.4	0.029	2.18	26.3	16.1	0.74	368	0.50	2.19	5.3	27.0	530	14.8
458086		13.95	0.06	4.4	0.036	2.31	15.7	18.7	0.83	373	1.11	1.52	6.4	24.5	460	17.0
458087		18.50	0.10	5.7	0.042	3.02	36.6	25.6	0.74	255	0.73	1.68	10.8	20.4	310	22.2
458088		18.30	0.09	6.1	0.044	2.73	31.6	17.3	0.69	304	0.58	1.37	9.8	19.6	480	12.8
458089		19.10	0.09	6.6	0.037	2.78	34.8	12.6	0.59	268	0.64	1.78	11.3	15.8	230	17.0
458090		0.29	<0.05	0.2	<0.005	0.01	1.3	14.5	0.01	33	0.67	0.01	1.0	2.8	20	0.6
458091		14.50	0.08	5.8	0.022	2.18	21.9	8.7	0.39	195	0.35	2.00	4.9	7.2	140	15.4
458092		15.95	0.09	5.2	0.030	2.14	24.9	14.6	0.59	258	0.59	1.96	6.5	13.2	270	17.6
458093		16.45	0.23	6.0	0.030	2.36	135.0	18.5	0.53	292	0.57	1.98	8.1	28.1	450	21.3
458094		16.60	0.14	5.3	0.034	2.42	56.4	20.9	0.78	259	0.60	1.93	8.4	25.4	590	19.1
458095		22.2	0.10	6.4	0.049	2.94	24.3	22.5	0.62	292	0.47	1.65	16.4	11.7	280	14.8
458096		17.35	0.52	4.7	0.039	2.02	365	34.8	0.67	369	1.16	1.88	7.1	85.6	790	24.3
458097		15.35	0.09	4.3	0.030	2.22	26.4	20.6	0.79	303	0.52	2.07	5.6	18.9	350	14.8
458098		18.65	0.10	6.7	0.036	2.62	23.8	10.6	0.49	206	0.65	1.82	9.0	12.2	230	16.2
458099		17.30	0.09	5.1	0.036	2.31	25.3	24.2	0.93	380	1.00	2.02	10.5	22.0	340	16.6
458100		16.80	0.09	4.5	0.034	2.23	24.3	23.6	0.87	407	1.04	2.00	10.1	21.1	390	15.9

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	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
458061		80.1	<0.002	0.01	0.28	8.4	<1	0.9	214	0.47	<0.05	7.59	0.265	0.45	1.4	54
458062		90.4	<0.002	0.01	0.27	8.6	<1	1.0	227	0.48	<0.05	7.19	0.271	0.47	1.4	58
458063		73.7	<0.002	0.01	0.23	7.6	<1	0.8	226	0.40	<0.05	7.76	0.261	0.39	1.1	54
458064		72.5	<0.002	0.01	0.27	7.8	<1	0.8	216	0.44	<0.05	7.08	0.257	0.40	1.2	53
458065		80.6	<0.002	0.01	0.21	8.3	<1	1.1	222	0.49	<0.05	9.95	0.284	0.44	1.4	52
458066		64.1	<0.002	0.01	0.28	7.1	1	0.8	196.0	0.39	<0.05	6.21	0.237	0.35	1.2	58
458067		74.1	<0.002	0.01	0.26	7.4	1	0.8	221	0.41	<0.05	4.98	0.237	0.37	1.0	51
458068		70.1	<0.002	0.01	0.25	6.7	1	0.8	240	0.38	<0.05	5.19	0.235	0.35	1.0	48
458069		60.6	<0.002	0.20	0.25	8.3	1	0.6	232	0.31	<0.05	5.74	0.163	0.30	3.6	44
458070		79.5	<0.002	0.01	0.27	8.8	1	0.9	290	0.42	<0.05	6.09	0.255	0.37	1.4	67
458071		2.0	<0.002	0.04	0.17	1.1	1	<0.2	28.2	0.08	0.13	0.63	0.024	0.02	0.5	29
458072		61.9	<0.002	0.03	0.17	4.6	1	0.6	54.9	0.46	<0.05	3.41	0.189	0.20	1.2	80
458073		70.0	<0.002	0.04	0.19	9.3	1	0.7	48.7	1.10	<0.05	3.84	0.487	0.70	3.0	242
458074		11.6	<0.002	0.03	0.13	3.3	1	0.5	23.3	0.46	0.06	1.21	0.178	0.17	0.9	108
458075		60.2	<0.002	0.05	0.74	13.0	3	3.8	47.3	1.61	0.05	16.40	0.992	0.33	2.8	152
458076		3.5	<0.002	0.04	0.15	2.5	1	1.0	5.1	0.79	0.08	1.76	0.176	0.15	0.9	76
458077		6.3	<0.002	0.06	0.19	2.5	2	0.3	33.0	0.19	0.13	1.58	0.074	0.06	1.3	51
458078		2.5	<0.002	0.06	0.19	1.9	2	<0.2	18.0	0.33	0.12	1.18	0.101	0.02	0.7	42
458079		13.0	<0.002	0.12	0.25	2.9	2	0.3	56.4	0.20	0.10	1.42	0.093	0.06	1.2	64
458080		3.4	<0.002	0.09	0.19	1.1	1	0.2	28.2	0.20	0.10	0.90	0.053	0.04	1.2	25
458081		81.9	<0.002	0.01	0.24	7.9	1	0.9	310	0.44	<0.05	7.22	0.244	0.45	1.5	54
458082		72.6	<0.002	0.02	0.23	8.4	<1	0.9	298	0.44	<0.05	6.64	0.237	0.42	1.5	63
458083		83.2	<0.002	0.01	0.25	7.2	<1	0.8	303	0.44	<0.05	5.98	0.228	0.41	1.3	53
458084		69.8	<0.002	0.01	0.21	6.7	<1	0.8	292	0.39	<0.05	4.56	0.215	0.38	1.1	53
458085		76.6	<0.002	0.02	0.21	7.9	<1	0.8	314	0.37	<0.05	6.96	0.213	0.41	5.7	49
458086		83.6	<0.002	0.02	0.36	7.9	<1	1.1	199.0	0.48	0.06	6.46	0.251	0.42	2.2	58
458087		127.0	<0.002	0.01	0.28	9.7	<1	1.3	209	0.80	<0.05	12.00	0.401	0.59	1.8	63
458088		108.0	<0.002	0.02	0.24	9.9	<1	1.3	175.5	0.61	0.05	9.76	0.307	0.56	1.9	62
458089		99.3	<0.002	0.01	0.24	9.0	1	1.3	241	0.73	0.05	9.17	0.338	0.51	1.8	65
458090		0.7	<0.002	<0.01	0.24	0.2	<1	0.5	1.1	0.06	<0.05	0.76	0.031	<0.02	0.2	3
458091		70.1	<0.002	0.01	0.17	6.2	<1	0.9	263	0.35	<0.05	6.39	0.217	0.42	1.2	43
458092		73.7	<0.002	0.01	0.22	7.6	1	1.0	257	0.44	<0.05	7.40	0.262	0.41	1.3	64
458093		83.3	<0.002	0.02	0.21	8.2	1	1.0	269	0.59	<0.05	13.60	0.247	0.46	2.5	50
458094		90.7	<0.002	0.04	0.27	9.3	1	1.1	250	0.56	<0.05	12.25	0.260	0.47	2.1	51
458095		117.5	<0.002	0.01	0.27	11.3	1	1.6	197.0	1.08	<0.05	15.50	0.399	0.58	2.2	73
458096		68.1	<0.002	0.03	0.23	8.4	1	0.9	252	0.48	<0.05	15.85	0.228	0.40	3.3	57
458097		73.4	<0.002	0.01	0.22	7.8	1	0.9	273	0.38	<0.05	6.44	0.237	0.41	1.1	58
458098		95.7	<0.002	0.01	0.25	8.5	<1	1.3	237	0.59	0.10	11.45	0.272	0.50	2.0	60
458099		83.1	<0.002	0.01	0.27	9.1	<1	1.1	249	0.65	<0.05	7.52	0.300	0.46	1.4	71
458100		81.6	<0.002	0.01	0.30	8.9	1	1.0	249	0.62	<0.05	7.24	0.278	0.45	1.4	67

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 22- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201592

Sample Description	Method / Analyte / Units / LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	WEI- 21 Recvd Wt. kg 0.02
458061		0.6	13.0	49	149.5	0.29
458062		0.6	11.1	52	153.5	0.26
458063		0.4	11.3	39	144.5	0.31
458064		0.4	9.1	38	167.5	0.25
458065		0.5	10.6	33	176.0	0.22
458066		0.5	7.8	40	178.0	0.27
458067		0.5	8.7	37	155.5	0.30
458068		0.4	10.3	33	180.5	0.29
458069		0.3	9.0	611	144.0	0.25
458070		0.4	10.9	51	177.5	0.20
458071		0.2	9.8	29	9.5	0.17
458072		0.4	12.0	68	66.3	0.18
458073		0.4	12.1	290	104.0	0.21
458074		0.5	9.2	35	34.8	0.23
458075		2.1	12.7	46	179.0	0.08
458076		1.2	9.3	37	59.1	0.21
458077		0.4	13.7	52	39.0	0.26
458078		0.3	8.0	37	34.6	0.27
458079		0.6	9.0	41	35.2	0.22
458080		0.3	9.0	39	26.7	0.17
458081		0.5	12.1	39	193.5	0.46
458082		0.4	11.5	43	211	0.24
458083		0.4	11.9	54	173.0	0.26
458084		0.4	8.9	35	161.0	0.29
458085		0.4	13.6	116	207	0.29
458086		0.6	9.9	54	177.0	0.20
458087		0.7	9.2	51	222	0.33
458088		0.7	8.8	56	242	0.27
458089		0.7	9.7	36	260	0.27
458090		0.2	0.7	3	8.5	0.08
458091		0.4	7.0	20	227	0.34
458092		0.5	8.9	30	203	0.25
458093		0.5	20.1	48	235	0.32
458094		0.5	13.8	49	204	0.25
458095		0.7	11.9	42	249	0.22
458096		0.8	36.1	84	185.5	0.28
458097		0.4	8.9	37	163.0	0.30
458098		0.6	10.5	27	261	0.28
458099		0.6	10.4	46	206	0.29
458100		0.6	10.1	46	177.5	0.34

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 22- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201592

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.
LOG- 22 LOG- 24 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201594

Project: KAN

P.O. No.: SOILKAN- 055

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 25- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 22	Sample login - Rcd w/o BarCode
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201594

Sample Description	Method	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
458101		0.004	0.03	0.39	2.1	20	0.43	0.04	1.56	0.10	11.35	4.2	10	0.10	4.9	15.15
458102		0.014	0.45	0.78	11.2	50	0.26	0.06	0.21	1.89	16.15	3.6	13	0.37	13.2	8.47
458103		0.002	0.03	0.94	3.9	30	0.65	0.04	0.52	0.12	16.75	9.7	27	0.45	13.0	16.70
458104		<0.001	0.03	5.92	0.8	660	0.94	0.05	1.21	0.11	28.5	2.8	29	2.06	5.7	1.90
458105		<0.001	0.04	6.15	1.0	680	1.00	0.06	1.24	0.15	34.4	3.5	33	2.27	6.8	2.15
458106		0.001	0.04	1.28	1.3	60	0.87	0.06	0.99	0.34	19.15	11.1	37	1.03	15.9	17.75
458107		0.002	0.05	0.34	5.6	20	0.41	0.04	1.07	0.10	11.70	4.4	8	0.16	5.0	15.35
458108		<0.001	0.02	0.23	7.1	10	0.32	0.03	4.11	0.06	10.10	4.2	6	0.05	4.0	14.00
458109		<0.001	0.03	0.34	6.1	40	0.44	0.03	0.59	0.12	12.50	3.5	6	0.12	3.8	15.20
458110		<0.001	0.03	0.19	9.9	30	0.27	0.02	0.37	0.16	7.58	2.7	4	0.06	2.1	10.15
458111		<0.001	0.03	0.40	3.4	40	0.47	0.03	0.57	0.45	16.15	2.9	7	0.10	3.4	10.50
458112		0.001	0.07	0.48	3.7	40	0.48	0.05	0.66	0.32	11.15	3.2	9	0.10	6.8	11.40
458113		<0.001	0.07	0.52	2.2	50	0.36	0.05	0.56	0.71	11.05	2.9	8	0.10	6.3	10.80
458114		0.001	0.05	0.35	2.7	50	0.31	0.04	0.70	0.18	13.95	3.5	6	0.13	5.5	14.00
458115		0.024	0.14	8.35	13.9	190	0.70	0.30	0.19	0.03	40.3	29.8	561	4.12	382	14.85
458116		0.002	0.05	0.57	4.0	50	0.73	0.07	1.55	0.12	47.6	6.0	13	0.15	6.3	26.5
458117		<0.001	0.02	1.01	4.9	90	0.62	0.03	0.58	0.11	24.9	4.5	15	0.14	4.2	23.6
458118		0.001	0.02	0.31	2.8	50	0.44	0.02	1.02	0.13	12.50	2.6	5	0.14	3.6	12.40
458119		<0.001	0.02	0.16	2.7	20	0.36	0.01	2.31	0.06	15.85	2.2	3	0.07	1.8	16.45
458120		0.007	0.02	0.32	2.9	50	0.43	0.02	0.96	0.14	18.00	2.7	6	0.12	3.7	17.05
458121		0.001	0.06	0.69	1.7	40	1.00	0.04	1.56	0.11	38.7	5.5	14	0.22	5.1	33.8
458122		0.002	0.04	0.64	4.8	50	1.08	0.03	0.97	0.15	30.9	5.1	11	0.19	5.8	25.4
458123		0.002	0.03	0.50	2.2	40	0.52	0.04	0.85	0.17	22.0	3.8	8	0.21	4.1	20.5
458124		<0.001	0.02	0.39	1.7	40	1.07	0.04	0.43	0.14	20.2	3.3	7	0.10	4.3	19.55
458125		<0.001	0.04	0.32	2.0	30	0.44	0.04	0.28	0.14	10.25	2.2	4	0.07	3.7	10.75
458126		<0.001	0.02	0.29	9.4	10	1.50	0.03	2.26	0.08	12.35	4.1	6	0.07	3.0	14.95
458127		<0.001	0.05	0.36	0.8	30	0.80	0.03	0.68	0.18	12.90	3.4	7	0.11	6.9	12.55
458128		<0.001	0.01	4.66	1.8	440	0.83	0.07	0.99	0.07	29.6	4.5	35	0.81	2.8	3.28
458129		0.001	0.12	2.16	1.8	180	1.09	0.06	1.02	0.45	31.5	9.7	40	0.69	22.4	19.25
458130		<0.001	<0.01	0.09	0.3	<10	0.06	0.01	0.01	<0.02	2.22	0.4	6	0.10	4.3	0.38
458131		0.003	0.02	7.34	7.1	470	1.86	0.08	1.19	0.38	42.9	6.2	49	7.70	7.7	3.78
458132		0.013	0.23	1.27	53.5	180	0.49	0.04	0.85	0.15	15.65	4.9	9	0.70	16.2	37.1
458133		<0.001	0.02	6.84	5.5	660	1.29	0.08	1.34	0.05	42.8	7.9	58	1.69	4.5	3.81
458134		0.002	0.09	6.16	289	620	1.31	0.45	1.03	0.21	51.4	8.7	55	3.22	6.8	6.63
458135		<0.001	0.01	3.72	3.9	360	1.01	0.15	0.54	0.10	19.80	4.1	25	0.59	1.9	2.78
458136		<0.001	0.04	4.62	2.5	450	1.43	0.08	1.38	0.21	41.4	6.1	44	1.36	7.2	3.83
458137		<0.001	0.06	6.49	6.9	590	1.70	0.12	1.28	0.15	61.7	7.8	51	2.74	7.1	3.74
458138		<0.001	0.09	6.98	11.0	700	1.78	0.09	1.67	0.09	67.4	10.3	63	1.94	34.0	4.09
458139		<0.001	0.05	6.49	3.8	630	1.63	0.09	1.73	0.05	63.6	9.3	63	2.25	7.1	3.72
458140		<0.001	0.07	5.65	2.9	540	1.51	0.08	2.02	0.08	54.9	8.6	56	1.96	6.6	3.25

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201594

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
458101		1.37	0.06	0.3	0.005	0.05	6.5	3.0	0.70	6790	0.67	0.03	1.7	7.3	670	3.1
458102		2.38	0.06	0.4	0.027	0.34	8.6	3.7	0.36	1780	3.01	0.05	1.5	5.2	180	24.0
458103		3.65	0.07	0.6	0.016	0.08	9.1	4.7	0.48	13700	0.74	0.04	4.9	16.6	630	2.4
458104		12.75	0.06	2.7	0.019	2.10	14.8	6.2	0.40	431	0.25	2.10	4.3	6.6	260	11.6
458105		13.65	0.08	3.2	0.021	2.18	18.0	7.8	0.44	615	0.24	2.14	4.9	8.1	270	12.4
458106		4.59	0.08	0.7	0.021	0.19	10.7	10.8	0.54	13450	1.24	0.09	5.3	19.5	900	4.1
458107		1.28	0.07	0.2	0.007	0.07	6.8	2.7	0.54	7100	0.66	0.03	1.6	5.6	670	5.9
458108		0.99	0.08	0.2	0.005	0.02	5.8	2.8	1.25	6710	0.54	0.01	1.6	5.3	490	2.6
458109		1.01	0.06	0.3	0.005	0.05	7.0	1.4	0.30	5060	0.52	0.05	1.5	4.2	610	1.7
458110		0.61	0.06	0.1	<0.005	0.03	4.5	0.8	0.20	3520	0.36	0.03	1.0	3.7	360	1.4
458111		1.22	0.06	0.3	0.006	0.07	8.9	1.5	0.23	3610	0.37	0.07	1.5	3.7	530	3.1
458112		1.41	0.07	0.3	0.007	0.06	6.6	1.2	0.19	3900	0.45	0.07	1.6	5.6	790	2.4
458113		1.51	0.07	0.3	0.008	0.08	6.2	1.2	0.19	3420	0.32	0.08	1.7	4.3	620	2.6
458114		1.14	0.07	0.2	0.007	0.06	8.1	1.3	0.29	4080	0.35	0.05	1.3	4.3	560	2.1
458115		20.9	0.08	3.8	0.099	0.41	19.0	20.9	0.23	495	2.47	0.09	15.2	233	430	20.4
458116		1.94	0.11	0.5	0.008	0.08	29.1	2.9	0.84	7060	0.95	0.08	2.9	9.2	630	3.0
458117		2.73	0.09	0.7	0.009	0.19	14.6	3.3	0.47	5290	2.11	0.22	2.1	6.2	640	3.9
458118		0.99	0.07	0.2	0.006	0.05	7.2	1.5	0.42	3870	0.35	0.05	1.2	3.3	570	1.8
458119		0.70	0.07	0.1	<0.005	0.02	10.1	1.5	0.90	4820	0.26	0.02	0.8	2.5	310	1.8
458120		1.12	0.09	0.2	0.005	0.04	10.7	1.4	0.48	5240	0.31	0.04	1.2	3.6	470	2.2
458121		2.84	0.12	0.4	0.009	0.05	23.9	5.4	1.10	9090	1.56	0.03	3.8	8.1	430	4.3
458122		2.07	0.09	0.4	0.010	0.08	19.1	2.8	0.61	6180	0.89	0.08	2.6	5.9	630	3.4
458123		1.93	0.08	0.3	0.008	0.06	13.8	2.6	0.54	5570	0.48	0.05	2.1	4.2	570	4.0
458124		1.38	0.09	0.2	0.005	0.05	12.7	1.5	0.34	5120	0.44	0.04	1.6	4.2	570	3.3
458125		1.12	0.08	0.2	<0.005	0.05	6.1	0.9	0.15	2210	0.43	0.05	1.0	3.7	500	2.2
458126		1.18	0.11	0.2	0.006	0.02	6.8	2.7	0.83	5270	0.35	0.01	2.1	4.2	300	2.8
458127		1.19	0.09	0.3	0.006	0.05	7.1	1.0	0.30	4560	0.46	0.05	1.2	5.2	730	2.3
458128		10.35	0.07	2.9	0.023	1.35	14.7	28.4	0.54	418	0.46	1.22	4.4	9.3	280	10.4
458129		5.84	0.13	1.6	0.021	0.40	16.5	8.5	0.69	11800	0.53	0.42	9.8	20.8	1370	5.0
458130		0.23	0.05	0.2	<0.005	0.01	1.1	14.9	<0.01	54	0.66	<0.01	0.9	2.6	10	<0.5
458131		18.35	0.09	3.2	0.035	2.27	22.2	236	4.74	1590	0.57	0.98	7.1	23.0	380	12.2
458132		3.36	0.16	1.4	0.027	0.60	9.5	21.2	0.54	961	4.44	0.05	0.9	13.7	900	27.2
458133		15.50	0.09	3.7	0.033	1.98	21.2	24.4	0.89	406	0.47	2.07	6.8	20.0	230	14.4
458134		15.00	0.10	4.3	0.033	1.92	25.8	24.7	0.77	711	0.84	1.72	7.1	16.2	510	24.1
458135		8.81	0.06	1.4	0.026	1.16	9.7	53.9	0.59	452	0.22	0.35	3.0	5.6	140	7.1
458136		10.55	0.10	2.9	0.028	1.52	22.8	33.0	0.76	978	0.28	0.93	4.6	15.2	950	9.3
458137		15.20	0.11	4.0	0.032	2.21	27.9	30.5	0.77	570	0.76	1.43	7.3	16.2	360	15.1
458138		15.65	0.14	4.5	0.032	2.20	34.1	27.1	1.03	647	0.75	2.12	6.9	31.3	1130	15.3
458139		15.20	0.13	4.8	0.035	1.98	28.7	35.9	0.99	557	0.50	1.85	7.0	22.5	850	14.9
458140		13.20	0.13	4.1	0.030	1.69	25.3	30.7	0.89	637	0.36	1.58	6.2	19.6	960	12.7

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201594

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
458101		2.2	<0.002	0.05	0.14	0.8	1	<0.2	25.7	0.09	0.05	0.50	0.024	0.03	0.5	21
458102		10.8	<0.002	0.04	1.17	1.5	1	0.4	10.6	0.07	0.14	0.57	0.028	0.29	1.3	27
458103		3.6	<0.002	0.04	0.14	2.6	1	0.2	17.2	0.29	0.07	1.22	0.107	0.04	0.7	65
458104		90.6	<0.002	0.02	0.22	5.2	<1	0.7	275	0.30	<0.05	4.04	0.167	0.36	0.9	40
458105		95.9	<0.002	0.02	0.22	5.9	1	0.8	277	0.35	<0.05	5.06	0.189	0.37	1.0	45
458106		10.2	<0.002	0.07	0.16	4.0	1	0.3	29.0	0.30	0.09	1.31	0.123	0.06	1.0	81
458107		3.1	<0.002	0.05	0.15	0.8	1	0.2	25.4	0.08	<0.05	0.45	0.025	0.05	0.4	19
458108		1.1	<0.002	0.02	0.15	0.5	1	<0.2	42.6	0.08	<0.05	0.36	0.021	0.02	0.4	17
458109		2.0	<0.002	0.04	0.14	0.6	1	<0.2	16.0	0.08	<0.05	0.56	0.025	0.03	0.4	13
458110		1.1	<0.002	0.03	0.13	0.4	1	<0.2	10.2	0.05	<0.05	0.36	0.013	0.02	0.3	7
458111		2.5	<0.002	0.04	0.16	0.7	1	0.2	17.0	0.07	<0.05	1.91	0.026	0.03	0.4	11
458112		2.1	0.002	0.04	0.15	0.9	1	0.2	17.8	0.10	<0.05	0.66	0.030	0.02	0.4	16
458113		2.7	<0.002	0.04	0.16	0.9	1	0.2	17.9	0.10	<0.05	0.70	0.034	0.03	0.3	16
458114		2.2	<0.002	0.04	0.14	0.6	1	<0.2	17.4	0.07	0.06	0.57	0.020	0.03	0.4	18
458115		44.3	<0.002	0.05	0.91	49.6	3	2.6	33.3	1.09	0.11	15.35	0.786	0.25	2.6	234
458116		3.3	<0.002	0.05	0.23	1.1	1	0.2	29.0	0.15	0.08	1.08	0.033	0.05	1.0	28
458117		6.4	<0.002	0.03	0.25	1.7	1	0.2	36.4	0.12	<0.05	1.28	0.045	0.04	1.7	32
458118		2.1	<0.002	0.05	0.16	0.6	1	<0.2	18.4	0.06	<0.05	0.42	0.019	0.02	0.4	11
458119		1.1	<0.002	0.02	0.13	0.3	1	<0.2	19.1	<0.05	<0.05	0.23	0.009	0.02	0.3	9
458120		1.7	<0.002	0.03	0.15	0.6	1	<0.2	15.6	0.07	<0.05	0.48	0.019	0.02	0.4	14
458121		2.8	<0.002	0.03	0.19	1.8	1	0.2	22.8	0.18	<0.05	0.98	0.050	0.05	0.9	51
458122		3.3	<0.002	0.04	0.18	1.1	1	0.2	23.2	0.12	0.05	0.87	0.031	0.04	0.7	29
458123		3.5	<0.002	0.04	0.16	1.0	1	0.2	19.5	0.10	<0.05	0.67	0.029	0.03	0.5	27
458124		1.9	<0.002	0.04	0.16	0.8	1	<0.2	13.6	0.08	<0.05	0.58	0.024	0.03	0.5	18
458125		1.6	<0.002	0.02	0.14	0.5	1	<0.2	9.1	0.05	<0.05	0.50	0.017	0.03	0.5	8
458126		1.1	<0.002	0.03	0.14	0.6	1	<0.2	27.0	0.11	<0.05	0.46	0.021	0.02	0.4	20
458127		1.8	<0.002	0.05	0.13	0.7	1	<0.2	17.7	0.06	<0.05	0.46	0.024	0.02	0.6	16
458128		43.1	<0.002	0.02	0.16	4.8	<1	0.7	164.5	0.30	<0.05	3.71	0.175	0.26	1.7	40
458129		13.5	<0.002	0.08	0.18	4.2	2	0.7	67.8	0.49	0.05	2.64	0.147	0.10	1.2	54
458130		0.4	<0.002	<0.01	0.25	0.2	<1	0.5	0.7	0.05	<0.05	0.67	0.029	<0.02	0.2	2
458131		76.1	<0.002	0.02	0.27	6.2	<1	1.2	107.5	0.51	<0.05	9.46	0.259	1.22	16.6	283
458132		14.4	<0.002	0.15	1.27	1.7	1	0.4	13.3	0.07	0.05	2.76	0.034	0.39	14.4	53
458133		73.4	<0.002	0.01	0.22	7.9	<1	1.0	269	0.44	<0.05	5.07	0.261	0.41	1.2	64
458134		82.5	<0.002	0.01	1.01	7.4	<1	1.1	224	0.50	0.24	6.37	0.276	0.43	1.5	70
458135		23.7	<0.002	0.01	0.18	2.9	1	0.7	46.2	0.18	<0.05	3.39	0.138	0.19	2.1	28
458136		50.5	<0.002	0.04	0.20	6.6	1	0.8	128.5	0.30	<0.05	6.03	0.181	0.30	2.7	41
458137		89.8	<0.002	0.02	0.34	7.9	<1	1.0	180.5	0.50	<0.05	8.25	0.268	0.54	2.7	90
458138		88.0	<0.002	0.01	0.38	9.4	<1	1.0	287	0.46	<0.05	8.09	0.267	0.43	2.2	79
458139		81.7	<0.002	0.03	0.27	9.0	<1	1.0	250	0.48	<0.05	7.62	0.276	0.42	2.1	67
458140		72.3	<0.002	0.05	0.23	8.3	1	0.9	219	0.41	<0.05	6.88	0.241	0.38	2.4	54

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201594

Sample Description	Method / Analyte / Units / LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	WEI- 21 Recvd Wt. kg 0.02
458101		0.2	7.0	18	11.6	0.18
458102		0.3	4.7	479	17.7	0.28
458103		0.2	7.9	26	28.9	0.26
458104		0.3	6.2	19	110.0	0.25
458105		0.4	6.7	21	129.5	0.22
458106		0.4	9.8	50	35.3	0.27
458107		0.2	7.2	19	9.8	0.19
458108		0.4	6.1	13	7.4	0.41
458109		0.2	6.4	23	11.6	0.33
458110		0.1	4.9	32	6.6	0.25
458111		0.2	5.3	136	13.2	0.23
458112		0.2	6.6	41	12.6	0.36
458113		0.2	5.9	57	12.8	0.28
458114		0.1	6.8	33	10.4	0.33
458115		1.6	11.1	46	150.5	0.08
458116		0.5	13.3	27	22.0	0.27
458117		0.6	14.7	20	30.5	0.29
458118		0.2	8.1	26	8.4	0.33
458119		0.1	10.7	12	6.9	0.29
458120		0.2	9.0	22	7.8	0.35
458121		0.5	20.6	34	19.2	0.24
458122		0.2	13.6	28	16.1	0.32
458123		0.2	10.7	26	11.7	0.27
458124		0.1	14.9	26	9.1	0.27
458125		0.1	6.0	16	8.4	0.29
458126		0.2	7.0	11	8.8	0.34
458127		0.2	5.9	26	11.1	0.23
458128		0.4	6.1	23	112.5	0.26
458129		0.3	17.3	36	69.1	0.22
458130		0.2	0.6	3	7.9	0.07
458131		0.7	21.0	56	126.0	0.24
458132		0.2	11.6	15	57.8	0.24
458133		0.4	8.7	41	146.0	0.33
458134		0.6	10.5	48	169.5	0.27
458135		0.5	5.7	27	56.8	0.33
458136		0.5	14.3	38	118.5	0.42
458137		0.6	11.1	44	156.5	0.35
458138		0.7	18.3	58	176.5	0.45
458139		0.5	13.0	48	189.0	0.32
458140		0.4	12.4	39	164.5	0.25

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 21- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201594

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.
LOG- 22 LOG- 24 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201597

Project: KAN

P.O. No.: SOILKAN- 056

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 22	Sample login - Rcd w/o BarCode
WEI- 21	Received Sample Weight
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- OCT- 2017
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Project: KAN

CERTIFICATE OF ANALYSIS VO17201597

Sample Description	Method	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
458141		0.003	0.13	6.36	6.2	580	1.42	0.31	2.05	0.10	67.3	9.0	63	2.43	8.4	3.99
458142		0.010	0.04	0.73	83.5	50	0.50	0.07	0.57	0.19	8.13	2.1	6	0.10	5.5	5.50
458143		0.003	0.03	1.93	0.8	210	0.42	0.12	0.62	0.04	27.7	2.7	14	0.48	1.6	0.92
458144		0.003	0.02	2.28	1.7	250	0.42	0.13	0.51	0.10	10.50	1.9	17	0.54	2.2	1.46
458145		0.002	0.01	2.77	1.6	280	0.65	0.30	0.65	0.07	23.9	4.1	19	0.63	2.1	2.21
458146		0.001	0.04	2.92	3.0	290	1.52	0.12	1.38	0.23	30.0	3.8	23	0.52	2.6	3.94
458147		0.002	0.07	7.08	4.2	700	1.52	0.09	1.46	0.07	59.2	9.6	52	1.73	9.0	3.46
458148		0.003	0.03	6.61	1.2	700	1.20	0.10	1.53	0.04	34.3	5.1	39	1.01	6.1	2.41
458149		<0.001	0.05	6.86	2.1	730	1.27	0.11	1.66	0.07	46.5	6.4	42	1.20	9.4	2.52
458150		0.004	0.06	7.11	2.7	720	1.36	0.09	1.64	0.08	64.7	8.2	43	1.30	17.4	2.88
458151		0.005	0.09	0.40	1.1	20	0.05	0.06	0.03	0.08	2.20	0.6	11	0.19	25.9	>50
458152		0.008	0.37	4.76	4.2	450	1.35	0.12	2.54	0.45	109.5	8.8	62	2.24	44.0	5.53
458153		0.022	0.03	5.92	6.3	530	1.52	0.14	1.35	0.15	133.0	12.6	138	1.79	11.9	12.60
458154		0.010	0.06	9.00	2.7	1020	2.17	0.13	0.20	0.23	28.0	56.3	208	3.25	120.5	13.45
458155		0.001	0.05	9.31	10.9	150	0.89	0.35	0.31	0.05	52.1	8.1	114	6.60	32.2	6.51
458156		0.004	0.03	6.98	6.9	660	1.32	0.10	1.10	0.08	61.1	11.8	67	3.04	11.7	4.56
458157		0.002	0.05	5.13	2.6	550	0.84	0.08	1.31	0.24	30.5	7.9	43	2.35	12.5	3.19
458158		0.113	0.13	6.26	11.1	630	1.35	0.09	1.33	0.49	54.9	9.2	37	1.26	25.9	4.06
458159		0.006	0.04	6.74	7.6	660	1.23	0.10	1.26	0.25	41.5	9.9	48	1.77	11.5	4.06
458160		0.008	0.09	7.05	5.0	640	1.34	0.09	1.22	0.15	68.6	18.1	62	1.90	18.1	5.39
458161		0.005	0.05	6.95	4.3	510	1.63	0.09	1.64	0.15	61.6	13.5	67	1.94	29.3	4.27
458162		0.009	0.25	6.25	10.3	460	1.62	0.15	1.96	0.27	55.7	19.7	64	1.83	29.2	5.49
458163		0.003	0.09	6.52	4.3	550	1.41	0.13	1.71	0.20	40.4	14.3	79	2.96	23.2	4.99
458164		0.002	0.09	2.93	3.3	340	0.73	0.19	0.93	0.21	39.7	11.4	27	1.94	16.6	13.90
458165		0.002	0.09	6.40	5.9	430	1.54	0.14	1.61	0.16	62.9	14.4	71	2.37	21.0	6.06
458166		0.009	0.06	1.12	1.6	80	3.31	0.18	0.84	0.14	67.4	10.1	20	0.25	10.1	28.5
458167		0.003	0.05	6.96	2.6	600	1.53	0.06	1.69	0.09	98.0	14.9	75	1.70	20.4	5.05
458168		<0.001	0.23	1.13	0.9	110	0.71	0.09	2.17	0.81	23.4	4.1	12	0.24	18.5	18.45
458169		<0.001	0.03	0.38	1.9	40	0.82	0.05	0.77	0.13	30.2	5.0	6	0.09	4.1	25.3
458170		0.001	0.01	0.09	0.6	<10	0.07	0.01	0.01	<0.02	2.35	0.4	4	0.09	4.4	0.38
458171		0.003	0.01	0.23	1.1	20	0.15	0.03	0.18	0.08	8.52	1.4	1	0.05	2.2	8.43
458172		0.003	0.03	0.42	1.6	30	0.41	0.06	0.31	0.08	11.00	4.9	6	<0.05	4.2	18.95
458173		0.002	0.03	0.61	3.8	50	0.56	0.07	0.55	0.14	18.05	4.4	13	0.08	6.7	13.60
458174		0.004	0.03	0.60	8.6	50	0.84	0.06	0.61	0.13	19.20	4.7	9	0.07	4.9	26.2
458175		0.006	0.11	0.38	3.5	30	0.84	0.34	0.97	0.16	18.20	5.8	6	0.15	8.3	29.7
458176		0.004	0.12	0.27	1.1	20	0.53	0.29	2.06	0.18	13.05	4.4	4	0.16	9.1	19.20
458177		0.005	0.13	0.20	2.1	10	0.87	0.21	3.77	0.19	18.00	5.3	2	0.05	52.8	26.4
458178		NSS	0.37	0.66	3.4	40	0.34	0.29	1.89	0.28	24.6	7.7	11	0.34	34.3	17.15
458179		0.005	0.03	0.21	2.4	20	0.38	0.07	6.31	0.13	19.60	2.5	2	0.10	2.3	21.4
458180		0.002	0.03	0.21	3.4	20	0.49	0.05	6.93	0.12	18.00	2.5	2	0.09	2.2	22.9

***** See Appendix Page for comments regarding this certificate *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201597

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
458141		14.15	0.16	4.7	0.036	2.09	35.1	23.3	1.20	718	0.80	1.61	6.7	22.8	1030	15.3
458142		1.70	0.10	0.4	0.007	0.12	4.9	5.5	0.15	615	8.09	0.11	0.7	11.5	390	13.4
458143		4.31	0.13	1.5	0.009	0.68	7.4	7.1	0.25	315	0.20	0.56	2.0	4.8	580	4.7
458144		5.93	0.17	1.1	0.014	0.85	5.0	27.1	0.38	339	0.25	0.27	2.4	3.9	190	8.3
458145		5.51	0.16	2.0	0.014	0.81	8.7	26.9	0.40	533	0.25	0.52	2.4	5.2	330	5.7
458146		6.62	0.15	1.6	0.026	0.69	16.0	19.0	0.57	1800	0.59	0.48	2.7	7.2	1000	12.8
458147		15.25	0.15	4.8	0.031	2.40	29.8	20.3	0.82	416	0.68	2.24	6.8	23.3	660	15.0
458148		13.90	0.17	4.3	0.022	2.14	17.5	8.7	0.56	277	0.35	2.54	6.1	13.0	440	12.0
458149		14.60	0.18	4.6	0.030	2.23	22.4	10.1	0.63	334	0.38	2.60	6.7	15.6	750	13.3
458150		14.90	0.20	4.2	0.029	2.19	23.8	12.4	0.64	366	0.77	2.62	7.1	18.0	630	13.4
458151		1.20	0.17	0.2	0.035	0.06	1.0	0.5	0.02	8	0.68	0.06	0.2	1.8	360	1.7
458152		11.05	0.21	4.9	0.035	1.27	62.5	15.1	0.91	1300	1.31	1.21	6.7	29.1	1290	11.4
458153		16.50	0.22	12.7	0.042	1.76	64.2	14.9	0.88	850	1.54	1.90	12.6	25.4	510	21.0
458154		20.7	0.15	1.6	0.131	4.13	10.8	27.1	0.77	1770	1.92	0.26	3.5	100.0	700	8.8
458155		26.1	0.10	4.9	0.100	0.48	24.3	37.7	0.31	484	2.55	0.13	24.8	48.3	500	23.6
458156		16.35	0.15	4.5	0.036	2.20	29.8	24.9	1.05	551	1.45	1.95	7.2	31.8	330	15.9
458157		12.15	0.13	4.1	0.024	2.37	14.5	18.2	0.73	630	0.76	1.27	5.8	12.9	440	12.8
458158		12.60	0.17	3.4	0.027	2.07	28.8	12.3	0.56	633	3.41	2.21	5.7	27.3	650	17.4
458159		15.20	0.16	3.9	0.037	2.19	20.2	17.3	0.69	644	3.00	2.17	7.3	19.6	360	16.0
458160		16.30	0.15	4.3	0.041	2.00	33.2	24.5	0.87	884	2.49	2.08	6.3	31.4	480	17.5
458161		14.50	0.15	3.9	0.041	1.50	26.6	21.0	0.99	837	0.74	2.17	9.8	35.6	590	16.1
458162		14.50	0.16	2.8	0.051	1.09	23.5	28.9	1.45	1190	2.39	1.68	7.5	46.7	780	18.1
458163		15.10	0.14	3.6	0.046	1.56	20.1	27.5	1.14	1040	0.89	1.65	8.7	33.4	540	15.0
458164		7.17	0.15	1.6	0.061	0.78	25.1	14.3	0.70	5130	1.38	0.45	3.6	17.1	540	6.4
458165		14.40	0.17	3.4	0.050	1.34	29.6	32.0	1.14	1160	0.80	1.76	9.6	35.0	650	16.6
458166		3.64	0.64	0.8	0.016	0.20	42.5	5.5	0.57	5110	3.00	0.21	2.6	11.9	590	5.3
458167		16.90	0.20	4.7	0.028	2.09	48.2	22.1	1.58	874	0.78	1.74	11.0	38.2	660	11.5
458168		2.65	0.12	0.7	0.016	0.23	14.1	3.1	0.59	3930	0.43	0.24	2.0	8.4	1480	5.5
458169		1.55	0.16	0.3	0.007	0.06	19.3	3.4	0.50	6930	0.60	0.05	1.4	4.9	580	3.2
458170		0.25	0.09	0.2	<0.005	0.01	1.1	14.4	<0.01	41	0.68	<0.01	1.0	2.8	10	0.5
458171		0.84	<0.05	0.2	0.005	0.03	5.6	1.0	0.12	1940	0.34	0.03	0.7	2.2	260	1.8
458172		1.69	<0.05	0.3	0.008	0.05	6.9	1.9	0.35	6650	0.36	0.05	0.8	5.2	570	1.9
458173		1.76	<0.05	0.4	0.010	0.09	9.9	1.5	0.29	4870	0.46	0.10	1.8	7.1	1000	2.5
458174		1.92	<0.05	0.4	0.010	0.07	12.5	2.9	0.51	10650	1.23	0.07	2.0	4.8	1070	3.4
458175		1.17	0.36	0.4	0.007	0.06	11.8	3.4	0.54	8520	0.65	0.04	1.1	5.7	1440	6.4
458176		0.98	<0.05	0.1	0.020	0.04	10.3	2.5	0.91	5170	0.75	0.02	1.2	4.0	1660	4.5
458177		0.71	0.32	0.1	0.153	0.03	14.6	2.6	1.19	10200	0.91	0.02	1.1	4.4	2080	4.5
458178		2.17	<0.05	0.5	0.050	0.21	17.0	5.0	0.75	5110	3.07	0.06	2.0	14.4	1360	13.2
458179		0.86	0.55	0.1	0.008	0.03	12.0	2.8	2.53	5670	0.41	0.02	1.0	2.6	380	5.7
458180		0.80	<0.05	0.2	0.006	0.03	10.6	2.7	2.75	6050	0.38	0.02	0.9	2.5	350	4.7

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201597

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
458141		80.8	<0.002	0.02	0.39	9.0	1	1.1	208	0.44	<0.05	8.75	0.253	0.48	2.1	72
458142		3.5	<0.002	0.03	0.90	0.9	<1	0.2	18.9	<0.05	<0.05	1.21	0.025	0.27	3.1	11
458143		25.3	<0.002	0.01	0.11	2.1	<1	0.4	74.4	0.12	<0.05	1.87	0.077	0.13	0.8	15
458144		18.0	<0.002	0.02	0.13	1.6	<1	0.5	26.7	0.14	<0.05	1.92	0.100	0.13	1.1	21
458145		22.3	<0.002	0.02	0.10	3.0	<1	0.4	69.9	0.15	<0.05	3.17	0.099	0.16	0.9	25
458146		21.0	0.002	0.04	0.26	3.7	<1	0.6	70.8	0.17	<0.05	3.71	0.106	0.21	5.7	40
458147		83.6	<0.002	0.01	0.27	9.0	<1	1.0	291	0.48	<0.05	6.98	0.247	0.43	1.5	60
458148		73.4	0.002	0.01	0.18	7.3	<1	0.9	327	0.45	<0.05	3.50	0.237	0.38	0.8	52
458149		79.0	0.003	0.01	0.16	8.1	<1	1.0	335	0.48	<0.05	4.39	0.250	0.40	1.0	52
458150		80.3	0.002	0.01	0.13	8.0	<1	1.0	342	0.50	<0.05	5.10	0.250	0.39	1.0	56
458151		2.6	0.002	0.73	0.14	0.8	1	<0.2	7.3	<0.05	<0.05	1.99	0.010	0.02	2.2	6
458152		68.6	<0.002	0.12	0.28	11.1	2	1.0	180.5	0.44	0.05	15.05	0.259	0.32	7.2	74
458153		81.9	0.003	0.01	0.29	13.1	<1	1.4	254	1.76	<0.05	25.8	0.389	0.31	2.5	186
458154		98.7	<0.002	0.02	0.21	54.1	1	3.2	25.1	0.21	0.18	1.67	0.678	0.69	0.5	388
458155		64.7	0.002	0.05	0.69	15.2	3	4.6	49.2	1.67	<0.05	16.05	1.025	0.37	2.6	156
458156		99.5	0.002	0.01	0.30	10.4	<1	1.2	241	0.48	<0.05	8.01	0.286	0.49	1.3	74
458157		80.1	<0.002	0.03	0.20	6.3	<1	0.8	160.0	0.35	<0.05	4.86	0.218	0.41	1.2	60
458158		73.0	<0.002	0.02	0.35	7.2	1	0.8	283	0.40	0.11	5.72	0.198	0.55	1.8	66
458159		82.7	<0.002	0.01	0.32	8.5	<1	1.0	278	0.50	0.09	5.40	0.254	0.62	1.6	85
458160		70.8	0.002	0.02	0.29	12.1	<1	1.1	246	0.42	0.08	9.49	0.240	0.52	2.2	90
458161		55.9	0.002	0.01	0.22	11.5	1	1.1	259	0.63	0.05	6.48	0.377	0.37	1.3	80
458162		36.2	<0.002	0.05	0.37	13.5	1	1.2	174.0	0.46	0.07	5.72	0.299	0.31	2.9	114
458163		61.2	0.002	0.03	0.28	11.5	<1	1.3	182.5	0.57	0.06	5.73	0.335	0.40	1.7	85
458164		30.8	0.002	0.03	0.20	5.9	1	0.5	52.1	0.22	0.19	5.09	0.130	0.21	1.2	47
458165		56.4	<0.002	0.03	0.28	11.7	1	1.2	190.0	0.58	0.06	7.45	0.351	0.39	1.6	83
458166		7.1	0.002	0.04	0.21	2.4	1	0.2	35.4	0.15	0.11	1.56	0.041	0.05	1.6	63
458167		65.5	0.002	0.02	0.23	10.9	1	0.9	157.5	0.74	<0.05	13.35	0.407	0.28	1.7	66
458168		7.2	<0.002	0.13	0.14	2.0	1	0.3	54.8	0.11	0.09	1.81	0.047	0.06	0.7	21
458169		2.1	0.002	0.05	0.12	0.9	1	<0.2	20.6	0.07	0.06	0.61	0.015	0.03	0.5	21
458170		0.4	0.002	<0.01	0.22	0.2	<1	0.5	0.7	0.06	<0.05	0.66	0.030	<0.02	0.1	3
458171		1.0	<0.002	0.01	0.07	0.3	<1	<0.2	6.0	<0.05	<0.05	0.32	0.009	<0.02	0.4	8
458172		1.4	<0.002	0.03	0.09	0.9	1	<0.2	15.7	<0.05	0.06	0.52	0.014	0.03	3.3	19
458173		2.7	<0.002	0.06	0.09	1.1	1	0.2	22.8	0.10	0.05	0.76	0.033	0.03	0.8	22
458174		2.0	<0.002	0.04	0.12	1.1	1	0.2	25.6	0.10	0.05	0.79	0.029	0.02	0.7	27
458175		2.1	<0.002	0.07	0.09	0.8	2	0.4	27.1	0.06	0.13	0.47	0.014	0.05	0.6	22
458176		1.8	<0.002	0.09	0.08	0.5	2	0.4	36.2	0.06	0.08	0.32	0.014	0.06	0.4	17
458177		0.9	<0.002	0.12	0.11	0.4	2	0.3	53.3	<0.05	0.07	0.31	0.007	0.02	0.6	11
458178		6.6	<0.002	0.13	0.36	1.3	3	0.4	40.4	0.11	0.25	1.26	0.029	0.17	1.1	37
458179		1.6	<0.002	0.03	0.12	0.5	<1	0.2	51.9	0.05	<0.05	0.32	0.010	0.02	0.3	15
458180		1.5	<0.002	0.02	0.10	0.5	<1	<0.2	55.4	<0.05	<0.05	0.28	0.008	0.02	0.3	15

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201597

Sample Description	Method Analyte Units LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	WEI- 21 Recvd Wt. kg 0.02
458141		0.6	15.7	53	176.0	0.37
458142		0.2	4.6	20	16.0	0.27
458143		0.2	3.8	10	60.3	0.36
458144		0.3	2.9	18	42.1	0.21
458145		0.3	4.9	10	74.0	0.23
458146		0.7	16.4	23	63.1	0.29
458147		0.6	12.8	50	181.5	0.42
458148		0.6	7.3	25	154.5	0.37
458149		0.7	9.9	31	165.5	0.36
458150		0.4	9.7	35	151.0	0.39
458151		0.1	0.6	205	6.8	0.51
458152		0.5	25.2	46	183.5	0.27
458153		5.5	19.4	67	428	0.29
458154		1.7	5.8	102	59.0	0.26
458155		2.3	12.1	45	178.0	0.08
458156		0.7	9.8	59	159.0	0.37
458157		0.7	6.4	41	151.5	0.27
458158		0.5	11.5	121	125.5	0.30
458159		0.6	8.6	86	144.5	0.31
458160		0.5	10.1	111	157.5	0.34
458161		0.6	13.8	71	143.0	0.40
458162		0.8	15.8	152	102.5	0.31
458163		0.8	9.8	81	130.5	0.21
458164		0.3	9.8	38	62.5	0.32
458165		0.7	13.5	79	127.5	0.37
458166		0.4	16.6	35	39.3	0.24
458167		0.5	19.8	47	177.0	0.44
458168		0.2	10.3	82	25.6	0.27
458169		0.2	14.9	20	12.6	0.29
458170		0.2	0.6	3	8.0	0.08
458171		0.1	5.2	14	6.3	0.35
458172		0.3	7.3	11	13.1	0.33
458173		0.2	9.2	21	16.8	0.22
458174		0.2	12.7	14	18.5	0.36
458175		0.2	12.2	17	14.4	0.24
458176		0.2	9.4	31	7.0	0.31
458177		0.2	16.1	30	7.3	0.28
458178		0.2	9.2	36	20.6	0.27
458179		0.2	11.3	14	5.7	0.29
458180		0.1	11.7	14	6.0	0.33

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 15- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201597

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: NSS is non- sufficient sample.
ALL METHODS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

CERTIFICATE VO17201598

Project: KAN

P.O. No.: SOILKAN- 057

This report is for 20 Soil samples submitted to our lab in Val d'Or, QC, Canada on 19- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 22	Sample login - Rcd w/o BarCode
WEI- 21	Received Sample Weight
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201598

Sample Description	Method	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
458181		0.001	0.05	0.69	4.1	40	0.78	0.08	0.85	0.18	24.1	7.9	13	0.18	9.1	29.0
458182		0.006	0.07	0.44	5.0	30	0.69	0.06	1.22	0.22	24.9	8.0	11	0.18	9.7	32.4
458183		<0.001	0.04	0.42	4.2	30	0.75	0.04	0.65	0.09	20.6	6.0	10	0.14	6.2	19.55
458184		0.001	0.08	1.45	1.3	50	0.81	0.11	0.54	0.22	20.1	19.1	48	2.48	30.3	21.1
458185		0.011	0.04	4.04	0.7	260	1.87	0.08	0.48	0.14	35.5	13.7	62	10.35	16.7	17.95
458186		0.004	0.07	1.48	1.2	150	0.76	0.09	0.85	1.02	29.3	9.6	30	2.68	14.4	22.8
458187		<0.001	0.04	6.56	6.8	630	1.26	0.12	1.58	0.06	45.2	9.9	47	1.83	29.3	3.76
458188		<0.001	0.03	7.31	5.4	640	1.26	0.10	1.48	0.05	46.4	9.3	51	1.74	12.1	3.52
458189		<0.001	0.03	6.31	14.0	490	1.09	0.16	1.54	0.08	37.7	13.4	44	2.57	18.0	6.86
458190		<0.001	0.06	5.97	8.5	510	1.15	0.14	1.61	0.09	66.3	11.9	43	2.42	50.0	4.79
458191		0.002	0.03	5.92	16.1	530	1.10	0.20	1.19	0.05	34.6	7.7	44	2.91	14.1	7.59
458192		0.003	0.09	5.95	78.0	130	2.38	0.41	0.35	0.16	29.6	6.1	9	0.56	213	6.00
458193		0.002	0.05	6.66	12.6	540	1.20	0.09	1.60	0.08	41.5	14.1	40	2.49	29.4	6.03
458194		0.002	0.04	6.39	11.4	470	0.89	1.43	0.41	0.10	48.5	2.6	56	2.80	37.8	2.64
458195		0.021	0.14	7.82	15.0	180	0.73	0.30	0.18	0.03	39.3	31.7	525	3.84	358	14.10
458196		0.004	0.08	6.16	2.1	640	1.29	0.10	1.51	0.11	50.2	9.8	42	2.03	19.3	2.84
458197		<0.001	0.03	6.34	1.0	670	1.34	0.08	1.37	0.06	36.0	5.2	37	1.40	19.4	2.07
458198		<0.001	0.05	6.44	2.4	610	1.50	0.13	1.65	0.10	62.8	15.6	63	1.76	16.1	4.37
458199		0.003	0.16	5.79	9.4	560	1.30	0.12	1.40	0.15	72.7	14.2	53	3.31	107.0	4.68
458200		<0.001	0.06	6.78	1.7	710	1.46	0.09	1.80	0.08	61.8	7.9	43	1.31	12.7	2.66

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201598

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
458181		2.55	0.12	0.6	0.009	0.08	14.9	5.6	0.74	6830	0.83	0.06	2.0	10.6	670	3.9
458182		1.95	0.14	0.3	0.010	0.06	15.0	3.6	0.79	7790	0.86	0.03	1.4	11.7	750	6.9
458183		1.81	0.09	0.3	0.006	0.05	12.9	2.6	0.54	7830	0.69	0.04	2.0	7.3	620	2.6
458184		5.63	0.09	0.8	0.022	0.13	10.9	13.0	0.80	20600	1.04	0.06	8.3	30.0	690	21.4
458185		11.20	0.11	1.4	0.028	1.86	18.8	29.3	1.27	14250	0.78	0.04	7.6	25.5	530	2.3
458186		4.45	0.11	1.0	0.017	0.28	15.1	4.6	0.57	12650	1.17	0.20	5.6	14.4	1170	7.2
458187		14.45	0.08	4.2	0.032	2.06	21.8	16.0	0.72	524	0.62	2.27	6.4	16.8	370	13.0
458188		14.15	0.09	3.8	0.036	2.11	22.4	18.7	0.83	409	0.40	2.36	6.9	19.0	410	12.8
458189		18.20	0.07	3.9	0.052	1.60	18.4	15.9	1.12	732	0.62	1.71	9.6	14.4	410	11.1
458190		13.70	0.09	3.3	0.040	1.64	32.4	16.7	0.73	568	0.78	1.62	6.0	15.3	590	11.8
458191		15.45	0.09	3.7	0.035	1.77	17.4	12.0	0.85	540	0.84	1.83	6.6	12.9	320	13.0
458192		29.3	0.10	10.2	0.198	0.29	9.9	10.0	0.51	540	0.81	3.54	19.2	3.9	360	14.3
458193		17.05	0.09	3.7	0.051	1.85	21.0	18.0	1.00	589	1.92	1.92	6.7	17.2	540	14.9
458194		18.90	0.08	4.7	0.033	2.10	28.5	10.5	0.42	117	1.04	0.69	9.7	10.8	580	12.0
458195		21.4	0.10	4.0	0.092	0.40	18.3	21.3	0.23	466	2.47	0.09	16.3	223	400	19.7
458196		14.50	0.09	3.5	0.024	1.97	24.7	15.1	0.66	758	0.71	2.21	6.7	18.9	940	12.4
458197		14.75	0.08	3.8	0.025	2.14	17.7	10.1	0.54	238	0.35	2.37	6.5	13.2	430	12.5
458198		16.95	0.12	5.1	0.033	2.02	30.8	18.7	0.91	1040	1.14	2.26	10.0	21.7	900	13.4
458199		14.15	0.15	3.4	0.032	1.58	48.6	22.8	0.78	2020	1.14	1.61	6.7	50.0	1360	14.3
458200		15.70	0.12	5.2	0.029	2.27	29.9	12.4	0.69	380	0.51	2.67	8.5	19.2	810	13.9

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201598

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
458181		3.5	<0.002	0.06	0.11	1.4	1	<0.2	25.1	0.11	0.09	0.91	0.025	0.05	0.7	40
458182		2.8	<0.002	0.08	0.40	1.2	1	<0.2	27.8	0.08	0.10	0.66	0.018	0.04	0.7	33
458183		1.9	<0.002	0.05	0.09	0.9	1	<0.2	18.5	0.12	0.07	0.59	0.030	0.04	0.7	25
458184		13.1	<0.002	0.06	0.14	4.5	2	0.5	29.9	0.52	0.08	1.48	0.192	0.23	1.1	110
458185		95.5	<0.002	0.02	0.08	6.4	1	0.8	33.4	0.52	0.05	4.71	0.237	0.47	1.2	97
458186		15.9	<0.002	0.08	0.14	3.1	1	0.3	37.5	0.35	0.09	2.25	0.107	0.10	1.2	54
458187		75.9	<0.002	0.02	0.22	8.0	1	0.9	278	0.49	<0.05	5.99	0.283	0.39	1.3	66
458188		75.1	<0.002	0.01	0.24	8.8	1	0.9	283	0.57	<0.05	6.38	0.293	0.39	1.2	64
458189		64.2	<0.002	0.03	0.40	16.0	1	1.1	164.0	0.70	0.06	5.17	0.514	0.36	1.2	131
458190		62.0	<0.002	0.03	0.23	10.0	1	0.9	202	0.44	0.07	6.85	0.299	0.37	1.5	65
458191		68.3	<0.002	0.02	0.53	8.7	1	1.1	222	0.51	0.08	4.08	0.348	0.40	1.1	69
458192		11.5	<0.002	0.04	0.25	13.6	1	1.7	56.7	1.51	0.08	5.05	0.383	0.11	1.0	15
458193		65.8	<0.002	0.01	0.40	15.4	1	1.0	229	0.43	<0.05	4.40	0.448	0.39	1.1	142
458194		85.7	<0.002	0.04	0.33	9.5	1	2.3	75.9	0.71	0.17	10.40	0.361	0.51	2.2	65
458195		42.6	<0.002	0.05	0.82	54.2	3	2.5	32.9	1.12	0.09	14.60	0.774	0.25	2.5	224
458196		76.2	<0.002	0.04	0.14	8.4	1	0.9	279	0.48	<0.05	6.22	0.251	0.43	1.2	55
458197		77.4	<0.002	0.01	0.11	7.7	<1	0.9	290	0.47	<0.05	3.95	0.235	0.42	0.9	47
458198		76.7	<0.002	0.03	0.25	10.4	1	1.3	278	0.70	<0.05	8.63	0.336	0.42	1.6	86
458199		68.7	<0.002	0.08	0.25	10.2	1	0.9	211	0.50	<0.05	10.40	0.246	0.45	3.0	57
458200		82.9	<0.002	0.01	0.15	9.2	<1	1.0	340	0.60	<0.05	5.82	0.283	0.43	1.3	55

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17201598

Sample Description	Method Analyte Units LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	WEI- 21 Recvd Wt. kg 0.02
458181		0.3	13.9	28	24.8	0.25
458182		0.3	16.4	27	14.8	0.20
458183		0.3	10.9	25	13.4	0.21
458184		0.3	8.0	43	37.7	0.20
458185		1.0	6.1	75	56.3	0.22
458186		0.3	10.7	142	41.7	0.19
458187		0.5	11.0	36	168.5	0.38
458188		0.5	10.7	39	153.5	0.31
458189		0.6	15.0	51	159.5	0.24
458190		0.7	16.1	40	138.5	0.20
458191		0.7	10.3	40	149.0	0.30
458192		0.5	78.4	52	342	0.26
458193		0.5	15.1	66	146.5	0.33
458194		1.0	10.0	39	180.5	0.17
458195		1.7	11.3	43	151.5	0.08
458196		0.5	11.4	50	133.5	0.29
458197		0.4	7.7	24	140.5	0.38
458198		0.5	14.1	54	193.5	0.25
458199		0.6	19.5	87	132.0	0.20
458200		0.4	13.5	38	202	0.52

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CERTIFICATE OF ANALYSIS VO17201598

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.
LOG- 22 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

ALS Canada Ltd.

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

CERTIFICATE VO17209183

Project: KAN

P.O. No.: SOILKAN- 050

This report is for 40 Soil samples submitted to our lab in Val d'Or, QC, Canada on 25- SEP- 2017.

The following have access to data associated with this certificate:

SIMON HEBERT JAMIE TODD	SIMON HOULE CORPORATIF WEBTREIVE	LEE SCHOLL

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
LOG- 22	Sample login - Rcd w/o BarCode
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode
SCR- 41	Screen to - 180um and save both

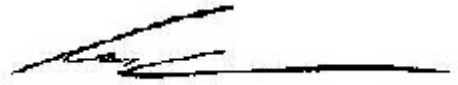
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS61	48 element four acid ICP- MS	

To: MINIÈRE OSISKO INC.
ATTN: JAMIE TODD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO17209183

Sample Description	Method	Au- ICP21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
457901		<0.001	0.05	6.49	3.0	630	1.08	0.45	1.46	0.10	48.0	8.5	54	1.39	37.6	3.57
457902		0.001	0.08	6.03	2.5	420	0.88	0.11	1.60	0.40	30.9	11.2	66	1.51	101.0	4.09
457903		<0.001	0.05	6.84	3.7	470	0.89	0.14	2.03	0.10	29.6	10.9	90	1.38	53.7	3.72
457904		0.003	0.08	6.07	2.3	560	1.12	0.23	1.24	0.20	127.0	6.9	49	1.73	67.6	2.80
457905		0.014	0.02	6.64	1.7	600	1.10	0.09	1.35	0.06	30.5	4.3	32	1.24	4.4	2.01
457906		<0.001	0.04	6.87	1.6	620	1.21	0.10	1.35	0.05	38.7	6.0	42	1.77	9.0	2.71
457907		<0.001	0.03	6.87	2.0	690	1.23	0.10	1.54	0.04	62.3	6.5	53	1.46	17.5	3.00
457908		<0.001	0.03	6.38	3.1	610	1.49	0.13	1.17	0.06	490	8.0	48	1.63	61.0	2.79
457909		<0.001	0.01	6.04	1.8	660	1.01	0.18	1.21	0.04	34.0	3.7	44	1.38	3.7	2.32
457910		<0.001	0.03	6.65	3.8	640	1.08	0.09	1.43	0.05	50.9	5.4	43	1.87	21.0	2.38
457911		<0.001	0.02	8.59	1.3	980	1.32	0.03	0.18	0.02	11.85	2.0	70	4.50	4.5	1.92
457912		<0.001	0.05	7.14	2.6	740	1.35	0.09	1.47	0.05	60.3	8.4	51	1.59	12.6	3.00
457913		0.025	0.03	6.33	2.2	630	1.14	0.11	1.36	0.04	105.5	5.5	46	1.38	11.7	2.73
457914		0.006	0.03	7.04	1.5	660	1.44	0.13	1.46	0.03	60.2	6.1	54	1.54	10.6	2.76
457915		<0.001	0.05	9.56	11.2	160	0.96	0.35	0.31	0.05	50.1	7.6	119	6.47	32.0	6.60
457916		0.006	0.02	6.41	1.5	640	1.18	0.10	1.48	0.06	38.8	5.3	48	1.10	3.9	2.93
457917		0.001	0.03	6.10	0.9	660	1.06	0.16	1.38	0.05	31.4	5.6	47	0.91	5.8	2.70
457918		<0.001	0.04	7.23	2.3	680	1.38	0.15	1.37	0.05	66.6	6.7	51	1.83	25.6	2.77
457919		<0.001	0.05	6.76	3.3	780	1.49	0.10	1.24	0.09	70.1	14.2	52	1.84	49.1	4.32
457920		0.007	0.09	6.50	6.2	580	1.15	0.14	0.74	0.07	65.7	10.2	87	1.61	16.6	4.88
457921		<0.001	0.01	6.72	3.2	550	1.14	0.06	0.98	0.02	38.1	15.5	44	3.79	8.6	7.12
457922		<0.001	0.02	6.71	6.3	470	1.20	0.14	0.98	0.05	25.9	10.5	49	1.89	9.4	5.18
457923		0.002	0.13	6.83	6.3	520	1.20	0.26	0.83	0.06	31.9	13.6	50	2.75	16.6	5.34
457924		<0.001	0.03	6.23	4.7	690	1.07	0.10	0.97	0.04	47.5	5.0	50	1.30	5.4	4.42
457925		<0.001	0.09	6.29	4.0	730	1.10	0.09	0.96	0.04	43.1	4.5	47	1.62	6.8	4.42
457926		0.001	0.04	6.66	3.8	690	1.15	0.09	0.88	0.07	47.5	6.8	57	2.44	7.9	5.17
457927		0.002	0.04	6.50	3.0	700	1.22	0.06	0.99	0.05	47.3	5.1	41	1.00	7.3	3.47
457928		<0.001	0.08	6.63	3.8	710	1.23	0.08	1.00	0.05	46.5	5.8	48	1.23	7.4	3.82
457929		<0.001	0.03	6.00	3.0	670	1.11	0.09	0.85	0.07	51.2	5.1	43	1.45	6.5	3.00
457930		<0.001	0.01	0.09	1.0	10	0.06	0.02	0.01	0.02	2.30	0.4	6	0.09	6.1	0.33
457931		0.002	0.04	5.79	3.7	650	1.20	0.09	0.83	0.05	79.2	4.7	47	1.44	5.2	3.95
457932		0.001	0.07	7.20	2.9	520	1.65	0.18	0.41	0.11	60.5	20.6	69	1.79	36.7	4.83
457933		<0.001	0.07	6.06	4.5	650	1.18	0.09	0.80	0.06	45.3	5.3	48	1.49	6.9	3.90
457934		<0.001	0.06	6.14	3.6	660	1.22	0.08	0.88	0.06	41.9	5.1	45	1.43	4.7	4.02
457935		<0.001	0.04	4.18	3.1	390	0.83	0.14	0.72	0.11	34.9	8.8	48	3.73	4.2	2.80
457936		<0.001	0.11	6.46	14.4	420	1.03	0.19	1.28	0.07	47.4	14.2	58	2.04	13.9	6.54
457937		<0.001	0.14	6.63	4.4	650	1.40	0.12	1.00	0.08	41.2	8.3	50	2.18	8.1	3.86
457938		<0.001	0.07	6.23	4.0	580	1.28	0.14	0.76	0.07	58.1	8.1	47	1.39	5.6	3.69
457939		<0.001	0.06	6.97	11.7	240	0.87	0.08	2.74	0.18	27.5	21.0	49	3.15	20.6	7.98
457940		<0.001	0.05	5.82	4.2	620	0.95	0.11	0.84	0.07	44.6	5.0	51	1.77	3.6	4.82

***** See Appendix Page for comments regarding this certificate *****

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209183

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
457901		17.00	0.18	6.4	0.033	2.01	19.6	10.8	0.75	384	0.40	2.15	8.3	16.5	390	14.0
457902		16.10	0.18	3.1	0.043	1.36	16.0	12.2	1.03	420	0.46	1.54	6.9	26.8	590	12.7
457903		16.95	0.18	3.8	0.039	1.61	14.9	14.1	1.25	436	0.33	1.88	7.4	27.8	340	12.0
457904		14.80	0.24	4.7	0.027	1.82	81.1	9.7	0.55	277	0.60	1.96	6.6	17.9	670	29.2
457905		13.90	0.18	3.1	0.018	1.92	14.1	7.4	0.45	242	0.28	2.50	5.6	10.3	350	14.1
457906		14.15	0.18	4.5	0.027	2.04	16.9	11.6	0.56	287	0.37	2.34	6.1	15.2	490	13.1
457907		15.25	0.22	7.0	0.026	2.15	31.3	12.2	0.73	323	0.42	2.34	7.8	17.2	730	13.3
457908		17.45	0.65	4.7	0.026	1.96	320	13.4	0.54	240	0.52	1.94	6.2	52.9	430	17.8
457909		17.50	0.20	6.7	0.024	2.01	17.5	5.4	0.45	222	0.42	2.09	7.6	10.2	160	20.2
457910		14.20	0.19	4.5	0.021	2.00	23.4	10.7	0.61	265	0.35	2.28	6.1	13.4	690	19.9
457911		28.3	0.14	5.8	0.041	3.49	6.1	21.4	0.65	118	0.48	0.73	13.3	5.9	260	5.7
457912		15.85	0.21	4.6	0.029	2.38	29.1	15.6	0.76	476	0.38	2.49	7.1	21.1	770	14.7
457913		15.25	0.22	6.0	0.022	2.02	64.0	10.0	0.59	285	0.37	2.20	7.3	15.6	360	15.2
457914		17.65	0.23	5.1	0.033	2.09	29.0	13.7	0.72	287	0.45	2.33	8.3	16.0	510	14.1
457915		26.4	0.19	5.2	0.094	0.48	22.8	37.7	0.32	485	2.57	0.14	23.6	45.7	510	24.3
457916		14.75	0.18	6.8	0.027	2.00	17.8	8.0	0.58	308	0.36	2.46	8.0	12.9	200	13.2
457917		17.05	0.18	7.1	0.023	2.06	15.2	7.3	0.62	289	1.29	2.16	8.6	13.6	220	20.9
457918		16.80	0.23	4.9	0.029	2.20	33.1	15.1	0.74	295	0.37	2.34	7.9	18.2	440	17.8
457919		15.40	0.20	4.6	0.036	2.48	28.8	17.8	0.65	833	0.56	2.16	7.0	25.2	730	16.0
457920		15.30	0.21	5.2	0.035	1.89	31.5	16.2	0.66	488	0.63	1.81	8.2	24.8	510	12.8
457921		16.70	0.17	3.6	0.069	1.74	18.3	22.8	0.74	860	0.80	1.82	7.6	12.8	430	9.9
457922		16.95	0.18	3.8	0.042	2.05	11.7	15.5	0.91	511	0.58	1.45	7.0	15.9	270	10.2
457923		16.95	0.17	4.1	0.038	2.22	14.8	16.9	0.93	397	0.55	1.43	7.2	19.7	320	26.6
457924		16.00	0.20	7.2	0.026	2.35	22.9	10.1	0.53	387	0.49	1.80	8.0	11.0	560	15.1
457925		15.10	0.20	6.0	0.023	2.35	21.1	9.7	0.48	328	0.58	1.95	7.6	10.6	250	16.7
457926		15.80	0.19	5.7	0.027	2.19	22.8	17.3	0.75	446	0.57	1.94	7.5	15.0	450	14.9
457927		12.65	0.20	4.5	0.029	2.23	21.9	13.8	0.46	351	0.37	2.09	5.9	12.4	490	13.7
457928		14.00	0.17	4.9	0.031	2.22	21.9	15.6	0.51	381	0.46	2.06	7.1	13.4	460	16.2
457929		14.35	0.20	5.1	0.030	2.12	24.1	13.0	0.41	301	0.52	1.83	6.7	10.9	350	14.9
457930		0.27	0.05	0.2	<0.005	0.01	1.1	16.6	<0.01	30	1.05	<0.01	0.9	4.1	<10	1.7
457931		14.30	0.16	5.7	0.031	2.08	39.6	12.8	0.45	361	0.65	1.78	8.4	11.0	350	13.7
457932		17.55	0.15	3.5	0.041	1.83	24.3	30.5	1.37	623	0.85	1.96	4.3	29.9	390	10.5
457933		14.45	0.14	4.0	0.027	2.16	22.7	14.2	0.51	379	0.65	1.75	7.2	12.5	360	12.7
457934		14.20	0.15	4.3	0.030	2.15	20.5	14.1	0.48	387	0.53	1.84	7.2	11.8	550	14.3
457935		11.55	0.12	3.2	0.030	1.27	17.1	9.6	0.56	974	1.24	1.06	7.4	13.0	220	12.9
457936		17.15	0.12	4.2	0.050	1.49	19.3	16.7	1.14	721	0.83	1.44	8.0	25.9	450	16.8
457937		15.45	0.14	4.2	0.032	2.11	20.4	19.0	0.73	448	0.51	1.83	7.4	17.3	340	17.2
457938		15.05	0.18	3.7	0.033	2.12	28.3	12.0	0.53	468	0.60	1.62	6.8	14.0	700	12.8
457939		17.90	0.11	2.7	0.072	0.84	12.8	22.3	2.06	1150	0.57	1.22	6.5	25.8	250	12.5
457940		17.05	0.16	5.3	0.031	2.00	22.4	8.8	0.47	378	0.73	1.73	8.7	10.0	220	15.0

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209183

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
457901		77.0	<0.002	0.02	0.23	9.5	<1	1.3	263	0.65	<0.05	5.01	0.345	0.43	1.2	88
457902		55.2	<0.002	0.04	0.26	17.3	1	1.1	162.0	0.48	<0.05	3.90	0.428	0.31	1.1	123
457903		65.4	<0.002	0.02	0.33	15.2	<1	1.2	193.0	0.57	<0.05	4.15	0.384	0.33	1.0	105
457904		73.9	<0.002	0.05	0.22	7.9	1	1.1	243	0.52	<0.05	8.03	0.251	0.39	2.7	55
457905		71.7	<0.002	0.01	0.17	5.8	<1	0.8	309	1.22	<0.05	3.87	0.197	0.32	1.0	40
457906		78.5	<0.002	0.01	0.23	6.8	<1	0.8	295	0.51	<0.05	7.22	0.243	0.39	1.1	48
457907		80.6	<0.002	0.01	0.20	9.3	<1	1.0	283	0.61	<0.05	5.97	0.307	0.40	1.5	65
457908		79.5	<0.002	0.03	0.20	8.3	1	1.0	232	0.45	<0.05	6.92	0.235	0.42	3.2	52
457909		71.1	<0.002	0.01	0.24	7.2	<1	1.2	271	0.59	<0.05	4.96	0.304	0.41	1.2	64
457910		75.3	<0.002	0.02	0.25	7.6	<1	0.9	290	0.52	<0.05	7.20	0.230	0.39	2.3	53
457911		159.5	<0.002	0.01	0.18	11.2	1	1.9	70.8	0.84	<0.05	4.61	0.427	0.85	1.5	81
457912		92.0	<0.002	<0.01	0.27	9.2	<1	1.1	314	0.52	<0.05	6.56	0.279	0.46	1.2	58
457913		76.6	<0.002	0.02	0.20	8.1	<1	1.0	281	0.54	<0.05	7.32	0.299	0.39	1.8	60
457914		84.4	<0.002	0.03	0.27	9.4	<1	1.2	287	0.61	<0.05	6.11	0.317	0.41	1.3	69
457915		64.9	<0.002	0.05	0.76	14.6	3	4.1	51.2	1.70	0.05	15.45	1.065	0.39	2.7	161
457916		71.0	<0.002	0.01	0.20	7.8	<1	1.0	316	0.61	<0.05	4.38	0.276	0.37	1.3	62
457917		71.5	<0.002	0.02	0.21	8.4	<1	1.2	281	0.63	<0.05	4.22	0.335	0.43	1.1	69
457918		86.5	<0.002	0.02	0.24	9.6	1	1.0	272	0.57	<0.05	6.56	0.319	0.46	1.8	63
457919		95.4	<0.002	0.01	0.28	8.5	<1	1.0	266	0.42	0.07	6.35	0.273	0.49	1.1	57
457920		73.1	<0.002	0.01	0.27	9.4	<1	1.0	175.0	0.57	0.05	9.57	0.379	0.35	1.2	73
457921		73.5	<0.002	0.01	0.22	12.8	1	1.1	167.5	0.48	<0.05	4.19	0.454	0.39	0.9	54
457922		84.2	<0.002	0.01	0.29	12.9	<1	1.1	132.5	0.48	<0.05	5.72	0.415	0.33	1.0	102
457923		89.6	<0.002	0.01	0.27	10.9	<1	1.1	156.5	0.48	<0.05	6.57	0.340	0.37	1.1	85
457924		79.6	<0.002	0.01	0.26	7.7	<1	1.1	220	0.54	<0.05	6.54	0.364	0.41	1.2	77
457925		78.7	<0.002	0.01	0.24	7.2	<1	1.0	239	0.48	<0.05	5.34	0.308	0.44	1.1	64
457926		79.2	<0.002	0.01	0.26	8.5	<1	0.9	217	0.47	<0.05	5.94	0.300	0.42	1.1	72
457927		75.6	<0.002	0.01	0.24	6.4	<1	0.7	252	0.36	<0.05	5.19	0.209	0.39	1.0	41
457928		76.3	<0.002	0.01	0.27	7.2	<1	0.9	250	0.44	<0.05	5.84	0.267	0.40	1.1	50
457929		75.3	<0.002	0.02	0.25	6.6	<1	0.9	222	0.41	<0.05	5.82	0.275	0.40	1.1	48
457930		0.4	<0.002	<0.01	0.29	0.2	<1	0.5	0.8	0.06	<0.05	0.64	0.029	<0.02	0.1	2
457931		76.1	<0.002	0.01	0.29	6.7	<1	1.1	217	0.49	<0.05	9.33	0.300	0.34	1.2	63
457932		91.2	<0.002	0.01	0.27	11.6	1	1.1	107.0	0.25	0.05	8.35	0.190	0.34	1.5	76
457933		81.8	<0.002	0.01	0.28	6.9	1	1.0	207	0.45	<0.05	4.89	0.271	0.36	1.0	60
457934		79.2	<0.002	0.01	0.27	6.8	<1	0.9	222	0.44	<0.05	5.50	0.267	0.33	1.0	59
457935		78.7	<0.002	0.01	0.28	8.1	<1	1.1	123.5	0.51	<0.05	3.92	0.292	0.27	1.1	76
457936		62.2	<0.002	0.01	0.50	15.8	1	1.2	163.5	0.51	<0.05	7.10	0.403	0.24	1.1	136
457937		87.9	<0.002	0.01	0.29	9.3	<1	1.1	218	0.50	<0.05	5.22	0.308	0.36	1.0	69
457938		82.5	<0.002	0.01	0.28	7.4	<1	1.0	187.5	0.53	<0.05	6.61	0.272	0.31	1.1	55
457939		40.7	<0.002	0.01	0.40	31.5	<1	1.2	199.5	0.40	<0.05	3.31	0.437	0.19	0.7	233
457940		79.3	<0.002	0.01	0.28	8.1	<1	1.3	208	0.55	<0.05	6.57	0.356	0.32	1.2	95

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To: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209183

Sample Description	Method / Analyte / Units / LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	WEI- 21 Recvd Wt. kg 0.02
457901		0.7	9.9	41	225	0.37
457902		0.5	12.8	44	110.5	0.17
457903		0.5	11.3	40	134.5	0.40
457904		1.4	16.9	32	175.0	0.27
457905		0.4	7.1	22	110.5	0.37
457906		0.4	8.0	30	157.5	0.30
457907		0.5	12.1	35	246	0.69
457908		0.6	43.5	29	169.0	0.34
457909		0.5	6.5	17	241	0.39
457910		0.4	9.0	32	157.5	0.45
457911		1.0	4.1	39	215	0.23
457912		0.5	12.3	38	160.5	0.41
457913		0.5	14.1	29	218	0.36
457914		0.6	11.0	32	182.5	0.32
457915		2.3	12.5	45	184.0	0.08
457916		0.4	8.4	26	246	0.31
457917		0.5	7.0	26	242	0.31
457918		0.5	10.5	39	173.5	0.55
457919		0.6	11.9	47	176.0	0.53
457920		0.5	8.0	49	191.5	0.35
457921		0.4	15.1	52	130.0	0.35
457922		0.7	8.0	52	138.0	0.31
457923		0.6	8.4	62	148.5	0.29
457924		0.7	8.7	27	272	0.30
457925		0.5	7.2	25	220	0.34
457926		0.8	8.4	35	210	0.33
457927		0.4	8.7	28	168.0	0.32
457928		0.5	9.0	31	173.5	0.32
457929		0.5	7.8	25	193.5	0.40
457930		0.2	0.6	4	7.9	0.08
457931		0.6	8.1	29	229	0.26
457932		0.5	8.1	57	138.0	0.38
457933		0.6	7.7	30	163.0	0.32
457934		0.6	7.8	31	170.5	0.28
457935		0.6	6.7	30	127.0	0.30
457936		0.7	11.7	58	167.0	0.28
457937		0.6	8.5	49	165.0	0.27
457938		0.6	7.6	36	144.0	0.31
457939		0.5	18.3	114	117.5	0.27
457940		0.8	7.6	33	212	0.28

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To: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalized Date: 20- OCT- 2017
Account: MINVIR

Project: KAN

CERTIFICATE OF ANALYSIS VO17209183

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME- MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.
LOG- 22 LOG- 24 SCR- 41 WEI- 21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP21 ME- MS61

2016 – CERTIFICATES: Osisko

2016 – DDH : Osisko

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16150796

Projet: KAN

Bon de commande #: K001

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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North Vancouver BC V7H 0A7
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150796

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397751		<0.005		<0.5	0.27	<5	10	0.6	<2	2.67	0.9	5	14	8	18.75	<10
397752		<0.005		<0.5	0.26	<5	10	0.6	<2	2.61	1.0	2	13	8	18.55	<10
397753		0.005		<0.5	0.19	<5	10	0.7	<2	2.55	1.4	2	9	2	20.6	<10
397754		0.021		<0.5	0.17	<5	<10	0.7	<2	2.19	1.1	1	16	1	19.30	<10
397755		0.005		<0.5	0.25	<5	<10	0.5	<2	3.95	0.9	<1	16	3	18.05	<10
397756		<0.005		<0.5	0.23	<5	10	<0.5	<2	1.79	0.6	6	12	21	15.30	<10
397757		1.335														
397758		0.007		<0.5	9.25	25	220	1.3	<2	1.31	1.7	12	112	115	7.70	20
397759		0.012		0.7	10.05	43	290	1.7	<2	0.49	2.3	32	126	86	8.54	30
397760		0.087		1.8	5.51	139	70	1.1	<2	0.35	1.8	42	87	99	19.25	10
397761		0.005														
397762		<0.005		<0.5	9.05	33	230	1.2	<2	0.70	2.1	25	96	161	9.27	20
397763		0.030		0.7	7.11	69	130	1.0	3	1.14	4.1	20	76	146	12.95	20
397764		0.013		0.8	8.26	60	200	1.1	<2	0.98	3.3	20	86	135	11.45	20
397765		0.036		0.9	6.95	107	100	1.2	<2	1.89	4.7	18	72	121	12.45	20
397766		>10.0	18.15													
397767		0.031		0.7	7.06	90	180	1.5	<2	2.97	3.5	17	71	170	12.50	20
397768		0.031		0.8	6.17	146	80	1.2	<2	1.54	6.6	16	71	136	13.40	10
397769		0.054		1.4	4.29	228	70	1.0	<2	2.10	12.4	19	60	220	15.85	10
397770		0.059		1.6	3.89	282	70	0.7	<2	1.30	13.6	20	62	159	15.50	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150796

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397751		0.03	10	2.56	7490	<1	0.01	6	310	<2	0.04	<5	1	20	<20	0.02
397752		0.03	10	2.56	7540	<1	0.01	3	290	<2	0.04	<5	1	19	<20	0.02
397753		0.01	10	2.98	6990	<1	0.01	5	250	2	0.19	<5	<1	22	<20	0.01
397754		<0.01	10	2.59	5180	<1	<0.01	4	200	<2	0.21	<5	<1	15	<20	0.01
397755		0.01	10	3.72	4490	<1	0.01	3	170	<2	0.39	<5	<1	27	<20	0.01
397756		0.03	10	2.58	3670	1	0.01	12	170	<2	1.42	<5	<1	21	<20	0.01
397757																
397758		3.88	40	1.08	232	9	0.29	104	390	7	4.42	<5	22	62	<20	0.36
397759		4.66	20	0.76	151	12	0.29	114	530	17	6.20	7	25	48	<20	0.57
397760		2.19	20	0.61	178	14	0.13	141	380	89	>10.0	21	12	26	<20	0.25
397761																
397762		3.77	30	0.88	173	9	0.25	135	600	9	5.50	<5	25	45	<20	0.47
397763		2.95	30	0.74	182	19	0.31	168	270	37	9.94	10	14	57	<20	0.19
397764		3.32	30	0.74	149	23	0.39	150	320	35	8.44	9	16	63	<20	0.25
397765		2.84	30	1.08	241	25	0.29	165	310	46	>10.0	9	12	69	<20	0.18
397766																
397767		2.68	30	1.62	356	16	0.41	160	240	40	>10.0	8	13	98	<20	0.21
397768		2.44	30	0.82	233	34	0.30	168	400	48	>10.0	17	9	65	<20	0.14
397769		1.74	30	1.07	300	103	0.17	326	960	78	>10.0	21	8	54	<20	0.10
397770		1.60	20	0.74	189	122	0.12	381	630	73	>10.0	25	8	35	<20	0.08

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150796

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397751		10	<10	17	<10	8	1.53
397752		<10	<10	17	<10	8	<0.02
397753		<10	<10	19	<10	7	2.53
397754		<10	<10	20	<10	6	2.55
397755		<10	<10	24	<10	7	2.51
397756		<10	<10	31	<10	11	1.94
397757							0.04
397758		10	10	160	<10	530	1.19
397759		10	20	217	<10	782	2.58
397760		<10	10	145	<10	716	3.28
397761							0.12
397762		10	10	165	<10	784	2.36
397763		10	10	260	<10	981	2.48
397764		10	10	271	<10	828	2.33
397765		10	10	312	<10	1090	2.51
397766							0.09
397767		<10	10	232	<10	744	2.73
397768		10	20	386	<10	1350	2.39
397769		<10	40	991	<10	2300	2.23
397770		10	50	1395	<10	2500	2.20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150796

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16150799

Projet: KAN

Bon de commande #: K002

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150799

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397771		0.030		1.0	5.49	235	170	0.9	<2	1.30	11.6	22	73	111	13.65	10
397772		0.065		1.1	5.16	235	100	0.9	<2	1.28	11.9	21	68	114	13.45	10
397773		0.018		0.7	7.65	128	110	1.5	<2	1.92	4.6	21	78	143	11.90	20
397774		0.023		<0.5	9.03	60	270	1.4	3	0.97	3.0	20	85	142	9.87	30
397775		0.031		0.7	8.49	75	230	1.4	2	1.31	2.9	21	84	124	10.40	20
397776		0.020		0.7	8.28	73	220	1.3	2	1.53	2.9	20	81	137	11.00	20
397777		1.225														
397778		0.026		0.6	7.63	87	180	1.3	3	2.45	3.3	18	80	112	12.10	20
397779		0.023		0.6	7.38	101	170	1.1	<2	1.70	3.0	17	78	111	12.60	20
397780		0.037		0.9	7.97	107	160	1.2	<2	1.49	3.0	21	88	81	12.50	20
397781		<0.005														
397782		0.025		0.6	8.70	65	250	1.1	2	0.76	2.7	22	84	96	10.45	20
397783		0.031		<0.5	9.41	51	250	1.3	2	0.73	2.1	20	87	100	9.60	30
397784		0.023		0.6	9.44	66	230	1.3	5	0.51	2.1	22	90	108	10.50	30
397785		0.014		<0.5	8.89	62	210	1.2	3	0.52	2.1	23	90	111	11.35	20
397786		>10.0	17.45													
397787		0.016		<0.5	8.58	43	230	1.2	3	0.80	1.7	22	103	120	9.87	20
397788		0.007		<0.5	9.54	27	270	1.6	<2	0.94	1.4	20	121	106	7.81	30
397789		0.014		<0.5	9.89	47	300	1.8	2	0.32	2.1	23	143	81	7.68	30
397790		0.038		0.8	5.14	108	90	1.1	<2	1.43	2.4	33	58	120	17.90	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150799

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397771		2.11	30	0.86	307	83	0.22	265	470	51	>10.0	19	11	49	<20	0.17
397772		1.99	30	0.84	312	85	0.20	269	490	55	>10.0	24	11	45	<20	0.15
397773		2.88	40	1.15	267	33	0.39	164	320	48	>10.0	12	15	83	<20	0.22
397774		3.62	30	0.72	114	12	0.41	126	210	29	8.36	12	15	67	<20	0.28
397775		3.32	30	0.84	149	16	0.42	127	220	37	9.26	9	15	72	<20	0.27
397776		3.09	30	0.91	188	15	0.51	128	240	30	9.45	12	14	83	<20	0.23
397777																
397778		2.66	30	1.31	260	18	0.55	146	250	36	>10.0	16	13	102	<20	0.22
397779		2.68	30	0.91	166	20	0.45	146	280	35	>10.0	15	13	82	<20	0.20
397780		3.04	30	0.78	169	24	0.43	134	350	47	>10.0	12	15	83	<20	0.23
397781																
397782		3.44	30	0.59	80	13	0.41	129	210	31	9.05	11	15	66	<20	0.27
397783		3.35	30	0.58	95	12	0.59	120	220	29	7.59	6	17	90	<20	0.31
397784		3.20	30	0.65	94	13	0.69	128	230	32	8.43	10	17	93	<20	0.30
397785		3.00	30	0.73	108	11	0.54	125	230	26	8.49	7	19	80	<20	0.30
397786																
397787		3.29	20	0.69	165	11	0.38	108	220	21	7.38	<5	16	71	<20	0.27
397788		4.03	40	0.92	165	11	0.30	92	390	31	4.89	7	20	56	<20	0.41
397789		4.23	30	0.60	69	11	0.30	108	500	26	5.90	12	28	46	<20	0.52
397790		1.96	30	0.98	287	17	0.15	121	200	49	>10.0	10	9	46	<20	0.15

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150799

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397771		<10	40	1005	<10	2100	2.05
397772		<10	30	1015	<10	2160	<0.02
397773		10	20	414	<10	1010	2.67
397774		10	10	196	<10	774	2.34
397775		10	10	215	<10	778	2.87
397776		10	10	211	<10	814	2.94
397777							0.03
397778		10	20	235	<10	1080	2.11
397779		<10	10	250	<10	935	2.46
397780		10	20	278	<10	917	2.68
397781							0.12
397782		<10	10	203	<10	848	2.65
397783		10	10	179	<10	668	2.17
397784		<10	10	188	<10	663	2.51
397785		10	10	190	<10	682	2.59
397786							0.08
397787		<10	10	172	<10	473	2.36
397788		<10	10	163	<10	471	2.44
397789		<10	10	195	<10	668	1.65
397790		<10	10	163	<10	702	3.71

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150799

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16150803

Projet: KAN

Bon de commande #: K003

Ce rapport s'applique aux 3 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 8- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150803

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
397791		0.163	2.7	3.30	197	40	1.0	6	0.11	3.3	75	41	141	26.5	10	1.25
397792		0.146	2.6	3.26	195	30	1.0	<2	0.09	2.9	73	40	142	26.3	10	1.26
397793		0.015	<0.5	1.44	45	70	0.5	<2	0.11	<0.5	5	48	118	9.12	10	0.49

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150803

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
397791		20	0.26	54	19	0.10	134	310	95	>10.0	21	7	15	<20	0.12	<10
397792		20	0.25	52	18	0.10	135	330	90	>10.0	20	7	15	<20	0.11	<10
397793		20	0.30	142	14	0.03	57	310	9	4.62	<5	3	8	<20	0.09	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150803

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397791		10	99	<10	1025	2.82
397792		10	96	<10	949	<0.02
397793		<10	157	<10	22	1.21

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150803

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:
ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16150819

Projet: KAN

Bon de commande #: K005

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150819

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397831		0.010		<0.5	9.00	<5	580	3.0	4	0.07	4.8	14	96	75	6.12	20
397832		0.018		<0.5	9.01	<5	580	3.0	3	0.07	4.8	16	95	71	6.20	20
397833		0.011		<0.5	9.05	<5	570	2.7	3	0.16	1.5	14	97	59	6.19	20
397834		0.006		<0.5	7.00	<5	390	1.9	<2	0.08	<0.5	21	103	68	9.75	20
397835		0.021		<0.5	8.77	<5	530	2.3	<2	0.06	2.2	14	88	67	6.23	20
397836		<0.005		<0.5	10.05	<5	620	2.5	2	0.15	1.9	13	105	88	6.63	20
397837		1.205														
397838		<0.005		<0.5	8.65	10	630	1.8	3	0.73	0.5	19	99	73	5.90	20
397839		<0.005		<0.5	9.35	<5	580	1.9	<2	0.06	0.5	17	95	133	7.63	20
397840		<0.005		<0.5	8.76	<5	530	1.6	<2	0.07	<0.5	10	93	67	5.87	20
397841		<0.005														
397842		0.015		<0.5	6.96	44	200	0.7	3	6.60	<0.5	43	119	118	8.44	10
397843		0.007		<0.5	6.98	66	40	<0.5	<2	4.81	<0.5	59	133	165	9.29	20
397844		<0.005		<0.5	6.86	41	20	<0.5	3	5.90	<0.5	49	129	148	8.87	10
397845		<0.005		<0.5	7.12	36	190	0.8	<2	4.62	<0.5	39	126	120	7.92	20
397846		>10.0	17.45													
397847		<0.005		<0.5	9.90	<5	560	2.1	<2	0.12	<0.5	13	81	44	4.40	20
397848		<0.005		<0.5	10.30	<5	550	2.1	3	0.06	<0.5	12	86	79	4.31	20
397849		0.055		<0.5	9.99	<5	540	2.1	3	0.06	<0.5	11	84	77	4.03	20
397850		<0.005		<0.5	9.88	<5	570	2.2	2	0.13	<0.5	10	85	37	4.50	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150819

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397831		5.14	30	1.17	296	5	0.05	57	210	14	1.77	<5	11	16	<20	0.25
397832		5.12	30	1.17	301	5	0.05	58	200	12	1.80	<5	11	16	<20	0.25
397833		4.98	30	1.29	402	4	0.05	48	220	8	1.62	<5	11	20	<20	0.26
397834		3.32	10	1.95	518	3	0.03	56	230	16	2.14	<5	15	12	<20	0.36
397835		4.75	30	1.25	259	3	0.05	47	180	12	1.65	<5	11	16	<20	0.26
397836		5.29	30	1.40	344	5	0.06	51	240	7	1.48	<5	13	21	<20	0.30
397837																
397838		4.55	30	1.29	428	4	0.05	60	230	3	1.15	<5	15	36	<20	0.31
397839		4.92	30	1.27	227	6	0.05	68	240	9	2.31	<5	12	17	<20	0.28
397840		4.15	30	1.46	320	4	0.05	43	180	2	0.85	<5	11	15	<20	0.26
397841																
397842		1.51	10	3.71	1410	<1	0.33	105	320	3	0.11	<5	35	223	<20	0.56
397843		0.37	<10	4.74	1270	<1	1.51	175	350	8	0.06	<5	32	187	<20	0.59
397844		0.17	<10	4.16	1395	<1	1.67	117	350	7	0.13	<5	39	231	<20	0.64
397845		1.74	10	3.34	1135	<1	0.57	97	320	15	0.10	<5	33	169	<20	0.57
397846																
397847		5.25	30	1.06	186	<1	0.14	36	250	2	0.47	<5	11	25	<20	0.34
397848		5.60	40	1.01	157	1	0.07	38	200	12	0.63	<5	12	25	20	0.33
397849		5.36	30	0.98	149	1	0.13	37	210	15	0.52	<5	11	26	<20	0.33
397850		5.30	30	1.05	210	<1	0.34	33	180	17	0.71	<5	11	31	<20	0.33

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150819

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397831		<10	<10	301	<10	380	1.94
397832		<10	<10	300	<10	383	<0.02
397833		<10	<10	272	<10	243	2.29
397834		<10	<10	261	<10	263	2.31
397835		<10	<10	285	<10	293	1.94
397836		<10	<10	321	<10	304	2.45
397837							0.04
397838		<10	<10	272	<10	198	2.49
397839		<10	<10	281	<10	206	2.44
397840		<10	<10	214	<10	177	1.50
397841							0.16
397842		10	<10	303	<10	127	2.60
397843		<10	<10	324	<10	103	2.09
397844		<10	<10	325	<10	97	2.25
397845		<10	<10	277	<10	103	2.47
397846							0.04
397847		<10	<10	79	<10	75	2.41
397848		<10	<10	98	<10	80	2.59
397849		<10	<10	108	<10	80	2.89
397850		<10	<10	79	<10	72	2.39

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150819

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16150821

Projet: KAN

Bon de commande #: K006

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150821

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397851		<0.005		<0.5	9.17	<5	530	2.0	2	0.09	<0.5	10	81	29	4.03	20
397852		<0.005		<0.5	9.38	<5	540	2.1	<2	0.09	<0.5	11	79	29	4.14	20
397853		<0.005		<0.5	9.25	<5	500	2.0	<2	0.33	<0.5	10	76	26	4.70	20
397854		<0.005		<0.5	9.43	<5	540	2.2	<2	0.27	<0.5	10	77	26	3.95	30
397855		<0.005		<0.5	9.90	<5	560	2.4	<2	0.10	<0.5	13	81	56	4.65	30
397856		<0.005		<0.5	9.31	<5	510	2.1	<2	0.13	<0.5	12	79	38	4.40	20
397857		1.295														
397858		0.005		<0.5	9.40	<5	490	2.0	<2	0.12	<0.5	12	80	37	4.24	20
397859		<0.005		<0.5	9.58	<5	490	2.0	<2	0.12	<0.5	11	79	31	4.15	20
397860		<0.005		1.1	9.33	<5	520	1.9	2	0.15	<0.5	12	87	59	4.51	20
397861		<0.005														
397862		<0.005		<0.5	7.77	<5	440	1.6	2	0.14	<0.5	9	74	46	3.64	20
397863		0.005		<0.5	9.70	<5	650	2.0	<2	0.09	<0.5	11	91	50	4.65	20
397864		<0.005		<0.5	6.86	19	370	0.9	2	3.39	0.5	32	120	101	7.71	20
397865		<0.005		<0.5	6.39	21	100	<0.5	<2	6.03	0.6	44	119	145	8.71	20
397866		>10.0	17.00													
397867		0.007		<0.5	6.53	16	350	0.7	<2	4.85	0.5	37	136	130	8.10	20
397868		<0.005		<0.5	7.37	11	360	0.8	<2	3.58	<0.5	27	104	62	6.79	20
397869		<0.005		<0.5	8.06	<5	610	1.4	<2	2.46	<0.5	11	70	24	5.14	20
397870		0.007		<0.5	9.40	<5	610	2.0	<2	0.05	<0.5	11	87	39	4.91	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150821

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397851		5.10	30	0.94	199	1	0.35	31	180	11	0.42	<5	10	27	<20	0.32
397852		5.23	30	0.96	206	1	0.35	32	170	16	0.44	<5	10	28	<20	0.33
397853		4.73	30	1.04	265	<1	0.67	31	1280	10	0.28	<5	11	50	<20	0.32
397854		5.22	30	0.96	223	1	0.31	31	210	24	0.29	<5	10	38	<20	0.32
397855		5.52	30	0.96	157	<1	0.27	39	180	18	0.72	<5	11	33	<20	0.33
397856		5.16	30	0.95	185	1	0.24	33	190	18	0.51	<5	10	32	<20	0.32
397857																
397858		4.98	30	0.94	184	1	0.52	33	190	12	0.45	<5	10	32	<20	0.31
397859		5.04	40	0.95	189	1	0.51	30	180	12	0.39	<5	10	31	<20	0.32
397860		5.35	30	0.98	171	2	0.20	34	190	209	0.63	<5	11	28	<20	0.31
397861																
397862		4.51	30	0.81	148	2	0.08	33	160	51	0.50	<5	9	24	<20	0.25
397863		4.68	30	1.08	168	1	0.07	32	210	7	0.60	5	11	23	<20	0.32
397864		2.45	10	2.53	779	<1	0.72	76	310	10	0.06	<5	25	141	<20	0.48
397865		0.90	<10	3.89	1285	1	0.88	103	370	7	0.04	6	38	225	<20	0.64
397866																
397867		1.95	10	3.66	1230	<1	0.05	112	280	31	0.15	<5	28	160	<20	0.51
397868		1.95	10	2.47	1015	<1	2.25	65	270	7	0.07	<5	20	135	<20	0.44
397869		4.43	30	1.74	1045	1	0.20	32	190	9	0.25	<5	9	87	<20	0.27
397870		5.05	30	1.20	239	1	0.06	34	200	16	0.64	<5	11	16	<20	0.32

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150821

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397851		<10	<10	81	<10	71	2.22
397852		<10	<10	81	<10	70	<0.02
397853		<10	<10	62	<10	79	2.48
397854		<10	<10	74	<10	70	3.17
397855		<10	<10	81	<10	72	2.79
397856		<10	<10	72	<10	70	2.76
397857							0.05
397858		<10	<10	72	<10	68	2.57
397859		<10	<10	78	<10	73	2.63
397860		<10	<10	101	<10	80	2.67
397861							0.17
397862		<10	<10	99	<10	73	2.70
397863		<10	<10	96	<10	74	2.72
397864		<10	<10	232	<10	75	1.78
397865		<10	<10	321	<10	99	1.78
397866							0.05
397867		<10	<10	245	<10	89	2.52
397868		<10	<10	183	<10	67	2.53
397869		<10	<10	73	<10	61	2.36
397870		<10	<10	102	<10	75	2.34

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150821

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16150823

Projet: KAN

Bon de commande #: K007

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150823

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397871		<0.005		<0.5	8.97	<5	570	2.0	3	0.09	<0.5	11	93	34	5.07	20
397872		<0.005		<0.5	9.17	<5	580	2.0	<2	0.09	<0.5	12	87	35	5.08	20
397873		<0.005		<0.5	9.23	<5	570	2.1	<2	0.24	<0.5	11	80	46	5.91	30
397874		<0.005		<0.5	9.49	<5	600	2.2	2	0.10	<0.5	8	83	36	5.28	20
397886		>10.0	17.80													
397887		0.009		0.9	5.32	7	160	1.1	<2	0.91	1.7	15	70	249	18.65	20
397888		<0.005		<0.5	9.46	22	230	1.2	<2	0.45	2.1	20	112	137	9.23	20
397889		0.008		0.5	9.61	60	250	1.3	<2	0.38	1.6	34	102	104	9.71	20
397890		0.014		<0.5	8.62	59	210	1.2	3	0.60	3.0	24	84	159	11.00	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150823

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397871		4.97	20	1.24	230	1	0.05	32	310	8	0.52	<5	11	15	<20	0.31
397872		4.83	20	1.27	229	1	0.05	32	340	9	0.50	5	12	15	<20	0.32
397873		5.17	30	1.42	277	1	0.05	32	220	3	0.44	<5	11	18	<20	0.30
397874		5.35	30	1.32	198	1	0.05	33	190	12	0.34	<5	12	15	<20	0.30
397886																
397887		2.01	30	0.96	1545	12	0.12	131	580	21	9.50	6	14	38	<20	0.17
397888		3.77	20	0.93	155	10	0.25	102	430	6	4.95	<5	25	41	<20	0.42
397889		3.72	30	0.61	125	11	0.40	114	250	34	7.81	5	18	59	<20	0.35
397890		3.11	30	0.68	143	11	0.48	143	240	30	8.64	9	17	62	<20	0.29

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150823

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397871		<10	<10	91	<10	89	2.47
397872		<10	<10	92	<10	89	<0.02
397873		<10	<10	81	<10	97	2.20
397874		10	<10	80	<10	81	1.39
397886							0.06
397887		<10	<10	126	<10	527	3.29
397888		<10	10	165	<10	732	3.16
397889		10	10	189	<10	568	2.06
397890		<10	10	161	<10	875	2.46

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150823

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16150825

Projet: KAN

Bon de commande #: K008

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150825

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397891		0.023		0.8	6.74	92	130	1.1	<2	1.39	4.9	15	69	126	11.45	20
397892		0.022		0.6	6.79	93	150	1.1	<2	1.37	5.4	16	71	116	11.50	20
397893		0.053		1.6	4.47	252	70	0.8	<2	1.17	11.4	19	65	139	15.90	10
397894		0.036		1.5	4.69	249	60	0.8	<2	1.54	11.0	20	67	124	16.10	10
397895		0.038		1.3	4.40	231	70	0.7	<2	1.40	10.2	18	60	126	14.95	10
397896		0.029		1.0	6.92	150	70	1.1	<2	0.97	6.9	21	77	140	12.50	20
397897		7.89														
397898		0.015		0.6	8.64	49	260	1.3	<2	0.85	2.2	19	88	216	10.60	20
397899		0.017		0.6	8.50	65	240	1.4	3	1.38	2.9	21	87	180	11.15	20
397900		0.027		0.9	8.27	79	220	1.2	<2	0.53	1.9	23	85	103	10.40	20
397401		<0.005														
397402		0.019		0.5	7.68	50	210	1.4	<2	2.47	2.8	19	74	130	10.10	20
397403		0.024		0.7	8.51	46	240	1.2	<2	1.07	2.5	19	80	122	9.45	20
397404		0.017		0.8	9.18	52	270	1.2	<2	0.45	2.6	22	85	105	9.71	20
397405		0.019		0.8	8.61	53	240	1.3	<2	1.23	2.0	19	81	103	9.75	20
397406		>10.0	17.95													
397407		0.014		0.7	6.28	44	150	1.3	<2	3.88	2.3	17	60	124	10.70	20
397408		0.030		0.6	7.66	38	210	1.3	<2	3.38	2.3	15	72	102	9.10	20
397409		0.019		0.7	7.67	45	210	1.2	<2	2.02	2.6	17	76	108	9.91	20
397410		0.024		0.7	6.45	68	160	1.1	<2	2.70	3.3	16	85	115	11.25	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150825

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397891		2.60	30	0.85	233	21	0.34	145	310	37	>10.0	12	12	61	<20	0.19
397892		2.65	30	0.85	253	21	0.34	144	290	33	>10.0	9	12	61	<20	0.19
397893		1.75	30	0.67	181	99	0.21	295	630	77	>10.0	24	8	38	<20	0.09
397894		1.83	30	0.82	200	77	0.21	261	560	75	>10.0	28	9	42	<20	0.10
397895		1.72	20	0.84	215	82	0.17	273	530	66	>10.0	23	8	35	<20	0.10
397896		2.75	30	0.72	161	51	0.30	191	380	51	>10.0	17	12	49	<20	0.19
397897																
397898		3.55	30	0.69	140	11	0.40	139	230	28	8.21	6	17	59	<20	0.29
397899		3.33	30	0.91	198	13	0.44	140	240	31	8.77	6	15	72	<20	0.26
397900		3.29	30	0.49	60	15	0.40	138	190	37	9.26	14	14	58	<20	0.25
397401																
397402		2.79	40	1.44	318	12	0.48	127	200	27	7.84	8	13	89	<20	0.25
397403		3.37	30	0.77	142	10	0.42	122	230	22	7.45	8	16	63	<20	0.27
397404		3.79	30	0.51	52	12	0.40	122	230	28	7.74	5	16	54	<20	0.29
397405		3.35	40	0.82	142	12	0.44	119	220	28	7.66	7	14	66	<20	0.26
397406																
397407		2.02	30	2.08	449	12	0.52	126	160	28	7.86	9	11	103	<20	0.22
397408		2.65	30	1.82	367	13	0.60	109	210	29	6.75	6	13	100	<20	0.29
397409		2.87	30	1.14	208	13	0.47	117	260	28	7.62	8	13	70	<20	0.25
397410		2.29	30	1.42	269	15	0.42	138	220	32	9.07	8	12	71	<20	0.21

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150825

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397891		10	10	288	<10	1095	2.30
397892		10	10	283	<10	1175	<0.02
397893		<10	40	1080	<10	2220	2.22
397894		<10	30	861	<10	2130	2.81
397895		<10	30	865	<10	1935	2.25
397896		<10	20	560	<10	1385	2.24
397897							0.06
397898		<10	10	188	<10	510	2.47
397899		10	10	198	<10	702	2.94
397900		10	10	214	<10	559	2.61
397401							0.12
397402		<10	10	185	<10	781	2.97
397403		10	10	168	<10	728	2.46
397404		10	10	173	<10	821	2.64
397405		10	10	195	<10	595	2.59
397406							0.06
397407		<10	10	162	<10	682	2.75
397408		10	10	186	<10	641	2.54
397409		10	10	187	<10	682	2.74
397410		<10	10	196	<10	809	2.83

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150825

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16150827

Projet: KAN

Bon de commande #: K009

Ce rapport s'applique aux 19 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 8- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150827

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397411		0.042		1.1	5.19	133	100	0.8	<2	1.15	5.8	15	64	87	14.15	10
397412		0.028		1.0	5.13	130	90	0.8	<2	1.23	5.6	13	61	83	13.65	10
397413		0.029		1.3	6.72	125	100	1.0	<2	1.42	4.8	22	84	91	12.10	20
397414		0.009		<0.5	8.68	29	230	1.2	<2	1.17	2.6	20	110	119	8.23	20
397415		0.018		<0.5	9.20	28	230	1.4	2	2.04	1.9	19	113	89	7.76	20
397416		0.017		0.5	6.07	40	150	0.9	<2	1.14	3.2	22	62	220	14.10	10
397417		7.12														
397418		0.009		0.6	8.69	39	220	1.2	<2	1.31	1.1	22	93	118	10.10	20
397419		0.007		0.5	9.25	46	230	1.4	<2	0.80	2.3	21	118	113	9.91	30
397420		0.023		0.5	9.06	36	230	1.5	<2	1.09	2.1	18	108	113	9.06	20
397421		<0.005														
397422		0.061		1.2	5.02	126	60	1.0	<2	1.08	1.9	23	59	89	15.95	20
397423		0.049		1.0	4.73	123	100	1.1	<2	1.49	2.0	20	40	107	17.25	20
397424		0.074		1.3	5.20	136	60	1.3	<2	0.26	2.3	23	62	63	15.75	20
397425		0.030		0.9	3.24	44	90	0.7	<2	2.10	1.5	23	52	254	21.2	10
397426		>10.0	17.70													
397427		0.286		3.3	2.49	269	30	1.3	<2	0.13	<0.5	129	46	138	32.8	10
397428		0.122		3.2	2.23	94	50	1.2	<2	0.02	<0.5	74	36	419	40.4	10
397429		0.064		2.9	1.75	<5	120	1.0	<2	0.05	1.8	6	28	634	36.7	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150827

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397411		1.87	30	0.64	164	29	0.32	147	340	45	>10.0	14	9	51	<20	0.12
397412		1.83	30	0.67	157	29	0.32	143	340	49	>10.0	18	9	51	<20	0.12
397413		2.59	30	0.81	164	44	0.34	145	430	49	>10.0	15	13	53	<20	0.21
397414		3.53	40	0.79	141	10	0.38	106	410	19	5.45	<5	20	55	<20	0.36
397415		3.65	40	1.25	282	11	0.45	95	400	19	5.11	5	21	87	<20	0.37
397416		2.40	20	0.73	168	7	0.26	155	170	18	9.66	<5	11	48	<20	0.17
397417																
397418		3.56	30	0.97	234	8	0.32	107	220	23	6.81	6	17	56	<20	0.32
397419		3.90	30	0.85	165	9	0.30	107	320	15	6.39	6	19	46	<20	0.33
397420		3.82	30	0.90	203	10	0.29	118	410	16	5.61	<5	20	51	<20	0.35
397421																
397422		2.11	30	0.71	203	16	0.15	133	190	62	>10.0	18	8	40	<20	0.16
397423		1.95	40	0.96	369	15	0.14	136	200	56	>10.0	19	7	47	<20	0.15
397424		2.11	30	0.47	127	17	0.15	120	200	64	>10.0	15	8	25	<20	0.15
397425		0.80	20	1.74	1950	11	0.05	88	280	31	>10.0	11	7	50	<20	0.09
397426																
397427		1.01	10	0.25	188	12	0.07	91	90	138	>10.0	28	5	11	<20	0.07
397428		0.89	10	0.19	40	7	0.06	170	70	85	>10.0	20	4	8	<20	0.05
397429		0.72	10	0.17	52	11	0.04	173	150	62	>10.0	10	4	7	<20	0.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150827

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397411		<10	10	324	<10	1425	2.50
397412		10	10	327	<10	1395	<0.02
397413		10	20	482	<10	1150	2.45
397414		<10	10	147	<10	693	2.75
397415		10	10	156	<10	527	2.45
397416		<10	10	130	<10	880	2.93
397417							0.06
397418		10	10	163	<10	313	2.50
397419		<10	10	156	<10	638	2.87
397420		10	10	156	<10	610	3.11
397421							0.12
397422		<10	10	168	<10	508	2.31
397423		10	10	151	<10	676	2.96
397424		<10	10	172	<10	768	2.78
397425		<10	<10	107	<10	403	3.06
397426							0.07
397427		10	<10	59	<10	312	3.72
397428		10	<10	50	<10	280	3.36
397429		<10	<10	46	<10	557	2.92

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150827

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16150830

Projet: KAN

Bon de commande #: K010

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 22d	Entrée échantillon - Reçu sans code barr
PUL- 32d	Pulverizer Split- Dup 85% < 75um
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150830

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
397431		1.41	14.35	0.91	0.598	41.73	1068.0	0.93	0.89
397432		1.23	14.95	0.77	0.579	38.69	1149.0	0.76	0.78
397433		0.13	0.57	0.12	0.021	36.67	943.0	0.16	0.07
397434		0.26	0.99	0.23	0.035	35.41	1000.5	0.16	0.30
397435		0.79	10.85	0.41	0.485	44.69	1164.5	0.52	0.29
397436		0.07	0.14	0.07	0.006	43.48	940.2	0.09	0.05
397437								17.80	
397438		0.40	2.21	0.32	0.088	39.77	916.0	0.35	0.29
397439		1.14	4.22	1.03	0.155	36.71	1024.0	1.17	0.88
397440		1.16	6.47	0.92	0.326	50.37	1103.0	0.88	0.96
397441								<0.01	
397442		0.30	2.01	0.21	0.113	56.19	1085.5	0.11	0.31
397443		0.15	0.43	0.13	0.024	55.88	1055.0	0.18	0.08
397444		0.78	4.23	0.62	0.208	49.18	1039.0	0.66	0.58
397445		14.50	39.4	13.15	2.109	53.59	966.2	15.15	11.10
397446								17.65	
397447		17.90	111.0	12.25	6.851	61.74	1014.5	12.35	12.10
397448		1.03	4.39	0.88	0.190	43.31	951.3	1.00	0.75
397449		0.15	0.62	0.13	0.029	46.87	938.5	0.14	0.11
397450		0.27	1.26	0.23	0.060	47.45	967.5	0.15	0.30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150830

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 22d
LOG- 24	PUL- 32	PUL- 32d	SCR- 21
SPL- 21	SPL- 21d	SPLIT- Z	WSH- 22

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16150833

Projet: KAN

Bon de commande #: K012

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150833

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397471		0.010		<0.5	9.05	23	570	1.5	<2	0.40	<0.5	40	123	128	8.18	20
397472		0.008		<0.5	8.81	23	560	1.5	3	0.40	<0.5	36	123	128	8.07	20
397473		<0.005		<0.5	9.66	<5	710	2.1	4	0.31	<0.5	13	83	79	4.52	30
397474		<0.005		<0.5	9.46	<5	580	1.9	2	0.05	<0.5	12	82	53	4.14	30
397475		0.010		<0.5	9.88	<5	600	2.0	<2	0.05	<0.5	12	87	68	3.98	30
397476		0.005		<0.5	9.61	<5	620	2.0	5	0.25	<0.5	12	95	70	4.95	30
397477		1.315														
397478		<0.005		<0.5	9.41	6	660	2.0	2	0.33	<0.5	13	91	21	4.92	30
397479		0.007		<0.5	10.10	<5	680	2.0	<2	0.27	<0.5	19	88	54	6.02	30
397480		0.010		<0.5	9.47	<5	640	1.9	<2	0.09	<0.5	12	83	39	5.50	20
397481		0.009														
397482		<0.005		<0.5	9.49	<5	640	2.0	<2	0.14	<0.5	12	85	34	5.29	20
397483		<0.005		<0.5	9.34	<5	590	2.0	<2	0.29	<0.5	12	83	30	4.34	30
397484		<0.005		<0.5	10.10	<5	580	2.1	2	0.10	<0.5	11	88	23	4.44	30
397485		0.020		<0.5	9.86	<5	530	2.1	<2	0.10	<0.5	11	91	24	4.42	20
397486		>10.0	17.65													
397487		0.027		<0.5	9.45	<5	490	2.0	<2	0.05	<0.5	11	82	38	4.31	20
397488		<0.005		<0.5	9.71	<5	490	2.0	2	0.08	<0.5	13	88	47	4.50	20
397489		0.006		<0.5	10.05	<5	520	2.1	<2	0.05	<0.5	12	94	32	4.89	30
397490		<0.005		<0.5	10.85	<5	620	2.4	4	0.10	<0.5	13	108	35	5.07	30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150833

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397471		4.18	20	1.93	741	2	0.04	101	290	7	0.69	<5	25	26	<20	0.48
397472		4.12	20	1.88	726	2	0.04	101	290	5	0.67	<5	24	25	<20	0.48
397473		5.27	30	1.07	317	1	0.15	36	200	8	0.53	<5	12	31	<20	0.33
397474		4.67	30	0.95	173	2	0.06	34	190	13	0.65	<5	12	24	<20	0.32
397475		5.47	30	0.95	154	3	0.06	40	210	12	0.65	<5	12	27	<20	0.33
397476		5.13	30	1.04	276	2	0.06	38	160	65	0.75	<5	12	33	<20	0.34
397477																
397478		5.00	30	1.20	516	1	0.06	32	200	13	0.22	<5	12	32	<20	0.32
397479		5.22	30	1.24	662	1	0.06	44	150	12	0.66	<5	12	28	<20	0.34
397480		5.04	30	1.17	543	1	0.07	32	170	18	0.59	5	11	23	<20	0.31
397481																
397482		5.09	30	1.16	481	2	0.11	32	310	23	0.55	<5	11	31	<20	0.32
397483		5.22	30	1.01	359	1	0.25	31	180	20	0.44	<5	11	35	<20	0.33
397484		5.29	30	1.05	315	<1	0.59	34	310	10	0.28	<5	12	35	<20	0.35
397485		5.15	30	1.03	289	1	0.46	31	260	8	0.26	<5	12	36	<20	0.35
397486																
397487		5.00	30	0.96	192	1	0.27	34	210	6	0.56	<5	11	31	<20	0.33
397488		5.27	40	0.99	152	2	0.11	36	210	20	0.76	<5	12	30	<20	0.32
397489		5.47	30	1.10	185	1	0.14	33	200	8	0.60	<5	13	26	<20	0.34
397490		6.14	30	1.19	181	1	0.11	38	320	6	0.62	<5	14	26	<20	0.38

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150833

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397471		<10	<10	200	<10	161	2.34
397472		<10	<10	199	<10	158	<0.02
397473		10	<10	76	<10	76	2.62
397474		<10	<10	99	<10	78	2.50
397475		<10	<10	111	<10	81	2.18
397476		<10	<10	106	<10	93	2.53
397477							0.05
397478		<10	<10	68	<10	114	2.55
397479		<10	<10	75	<10	105	2.30
397480		10	<10	79	<10	92	2.45
397481							0.12
397482		10	<10	76	<10	93	2.31
397483		<10	<10	77	<10	80	2.41
397484		<10	<10	78	<10	82	2.39
397485		10	<10	76	<10	78	2.85
397486							0.09
397487		<10	<10	82	<10	78	2.69
397488		<10	<10	111	<10	75	2.91
397489		<10	<10	108	<10	81	2.64
397490		<10	<10	112	<10	91	2.73

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150833

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16150837

Projet: KAN

Bon de commande #: K009

Ce rapport s'applique à 1 échantillon de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
WSH- 22	"Nettoyer" pulvérisateurs
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150837

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
397430		2.56	0.71	3.28	0.66	0.171	52.07	2508	0.72	0.60

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16150837

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	PUL- 21
SCR- 21	WEI- 21	WSH- 22	

ALS Canada Ltd.

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16152323

Projet: KAN

Bon de commande #: K004

Ce rapport s'applique à 1 échantillon de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 7- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16152323

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
397830		0.024	0.5	5.84	5	220	1.7	4	0.76	<0.5	20	77	52	15.25	20	2.14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16152323

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
397830		20	2.19	2100	3	0.02	53	240	20	3.13	<5	10	31	<20	0.23	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16152323

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397830		<10	188	<10	130	3.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16152323

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	CRU- QC	LOG- 21
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16152325

Projet: KAN

Bon de commande #: K007

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 11- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16152325

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
397875		<0.05	<0.05	<0.05	<0.001	25.84	1079.0	0.01	0.02
397876		<0.05	<0.05	<0.05	<0.001	62.55	1105.5	0.01	0.01
397877								7.16	
397878		<0.05	<0.05	<0.05	<0.001	35.67	987.8	0.01	0.01
397879		<0.05	<0.05	<0.05	<0.001	40.98	995.4	<0.01	0.01
397880		<0.05	<0.05	<0.05	<0.001	43.54	988.6	<0.01	<0.01
397881								<0.01	
397882		0.05	1.15	<0.05	0.043	37.54	1031.5	0.02	<0.01
397883		0.11	1.57	0.05	0.068	43.24	1059.5	0.07	0.03
397884		<0.05	<0.05	<0.05	<0.001	43.76	1079.0	<0.01	<0.01
397885		<0.05	<0.05	<0.05	<0.001	31.82	908.5	0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16152325

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 24
PUL- 32	SCR- 21	SPL- 21	SPLIT- Z
WSH- 22			

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16152326

Projet: KAN

Bon de commande #: K011

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 11- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
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BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16152326

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397453		0.111		<0.5	7.11	5	460	2.7	<2	0.77	<0.5	11	82	11	10.65	20
397454		<0.005		<0.5	8.49	6	630	3.1	3	0.04	<0.5	11	89	29	5.14	20
397455		0.005		<0.5	8.53	<5	580	2.6	<2	0.05	1.0	13	89	51	5.80	20
397456		0.018		<0.5	9.36	<5	620	2.8	<2	0.05	4.6	14	95	83	6.52	20
397457		1.330														
397458		0.018		<0.5	8.56	<5	550	2.7	<2	0.05	3.7	14	90	58	6.01	20
397459		0.007		<0.5	5.99	<5	320	1.8	<2	0.34	<0.5	29	102	72	11.50	20
397460		0.005		<0.5	7.26	13	450	2.0	2	0.21	<0.5	21	85	56	7.95	20
397461		<0.005														
397462		0.015		<0.5	7.78	<5	480	2.0	5	0.61	1.4	13	82	51	6.62	20
397463		0.022		<0.5	8.84	<5	560	2.3	2	0.07	4.9	16	89	99	6.81	20
397464		0.007		<0.5	7.78	<5	480	1.8	<2	0.06	0.7	13	79	52	6.15	20
397465		0.016		<0.5	8.69	<5	540	2.1	2	0.05	3.3	15	89	69	6.21	20
397466		>10.0	17.85													
397467		0.011		<0.5	8.87	<5	540	2.0	2	0.08	2.7	15	95	89	6.17	20
397468		<0.005		<0.5	6.75	50	240	0.7	3	5.28	0.6	41	112	82	7.66	20
397469		<0.005		<0.5	6.95	31	250	0.6	<2	5.57	0.5	36	118	75	9.72	20
397470		0.006		<0.5	7.44	<5	530	1.4	<2	0.81	<0.5	11	76	74	4.40	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16152326

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397453		2.80	30	1.89	2580	3	0.08	35	290	4	0.68	<5	10	40	<20	0.24
397454		4.11	20	1.17	378	3	0.04	32	180	3	0.48	<5	11	15	<20	0.25
397455		4.11	20	1.25	397	3	0.04	42	190	6	0.89	<5	11	15	<20	0.26
397456		4.99	30	1.19	311	5	0.05	52	190	14	1.81	<5	12	17	<20	0.27
397457																
397458		4.61	20	1.19	313	5	0.04	49	190	13	1.54	<5	11	16	<20	0.25
397459		2.91	10	2.35	645	3	0.03	64	270	69	2.82	6	18	21	<20	0.39
397460		3.94	20	1.66	363	6	0.04	61	220	15	2.25	<5	15	19	<20	0.32
397461																
397462		4.24	20	1.36	479	5	0.04	50	180	22	1.86	<5	12	19	<20	0.26
397463		5.17	30	1.14	231	6	0.05	65	220	17	2.35	5	12	17	<20	0.25
397464		3.76	30	1.29	343	3	0.04	39	200	8	1.35	<5	10	16	<20	0.22
397465		4.47	30	1.20	275	5	0.04	50	190	16	1.76	<5	11	17	<20	0.24
397466																
397467		4.51	30	1.23	290	5	0.05	49	210	14	1.73	<5	12	17	<20	0.25
397468		1.91	10	3.75	1325	1	0.02	125	300	10	0.09	<5	31	176	<20	0.47
397469		1.82	10	3.79	1510	<1	0.02	93	340	5	0.02	<5	33	196	<20	0.56
397470		3.94	30	0.94	471	1	0.05	35	140	12	0.57	<5	8	42	<20	0.25

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16152326

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397453		<10	<10	184	<10	187	1.71
397454		<10	<10	232	<10	177	2.35
397455		<10	<10	248	<10	235	2.82
397456		10	<10	296	<10	389	2.32
397457							0.05
397458		<10	<10	266	<10	321	2.73
397459		<10	<10	249	<10	193	2.29
397460		<10	<10	240	<10	148	2.62
397461							0.13
397462		<10	10	243	<10	233	2.73
397463		<10	<10	299	<10	454	2.54
397464		<10	<10	215	<10	216	2.59
397465		<10	<10	275	<10	384	2.50
397466							0.09
397467		<10	<10	262	<10	336	3.14
397468		<10	<10	259	<10	167	2.37
397469		<10	<10	275	10	124	2.02
397470		<10	<10	56	<10	70	3.01

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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16152326

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153101

Projet: KAN

Bon de commande #: K014

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153101

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
397511		0.030	<0.5	7.21	<5	70	<0.5	<2	5.77	0.7	49	142	165	9.01	20	0.87
397512		0.005	<0.5	7.35	9	20	<0.5	<2	7.01	0.8	53	121	145	9.30	20	0.22
397513		0.015	<0.5	7.17	<5	70	<0.5	<2	5.80	<0.5	54	141	158	9.17	20	0.86
397514		<0.005	<0.5	7.52	8	30	<0.5	<2	6.87	<0.5	55	124	132	9.51	20	0.32
397515		0.005	<0.5	6.92	<5	40	<0.5	<2	7.92	0.7	43	139	86	8.60	20	0.42
397516		0.006	<0.5	7.15	6	20	<0.5	<2	6.05	0.7	46	136	130	9.04	20	0.24
397517		1.230														
397518		<0.005	<0.5	6.93	8	250	0.9	<2	5.08	0.8	38	126	97	11.70	20	0.81
397519		<0.005	<0.5	6.34	<5	290	1.6	<2	0.16	<0.5	17	96	28	14.75	20	0.97
397520		0.005	<0.5	4.01	8	150	1.7	<2	1.25	<0.5	15	63	22	17.25	20	0.57
397521		<0.005														

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153101

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
397511		<10	4.41	1380	<1	1.65	132	350	9	0.12	5	39	169	<20	0.63	<10
397512		<10	5.37	1450	<1	1.60	206	340	3	0.08	7	37	272	<20	0.58	<10
397513		<10	4.46	1410	<1	1.67	134	350	7	0.12	8	38	171	<20	0.63	<10
397514		<10	5.04	1500	<1	1.53	187	380	3	0.11	<5	40	234	<20	0.65	10
397515		<10	3.76	1690	<1	1.24	86	390	<2	0.11	5	42	161	<20	0.71	<10
397516		<10	4.14	1430	<1	1.64	95	400	5	0.08	<5	44	104	<20	0.71	<10
397517																
397518		10	4.28	1590	<1	0.07	84	370	<2	0.33	10	33	70	<20	0.57	<10
397519		30	2.31	2140	6	0.01	54	350	<2	1.56	<5	12	6	<20	0.32	<10
397520		20	2.66	9270	1	0.04	39	450	4	1.27	<5	8	21	<20	0.22	<10
397521																

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153101

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397511		<10	335	<10	99	2.75
397512		<10	309	<10	94	<0.02
397513		<10	337	30	99	2.67
397514		<10	332	<10	98	3.00
397515		<10	348	<10	75	2.59
397516		<10	365	<10	83	2.47
397517						0.04
397518		<10	320	<10	105	2.09
397519		<10	218	<10	85	2.84
397520		<10	148	<10	58	3.86
397521						0.12

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153101

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	LOG- 23	PUL- 31	PUL- 31d
PUL- QC	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153103

Projet: KAN

Bon de commande #: K014

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153103

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
397522		<0.05	<0.05	<0.05	<0.001	61.13	1023.0	<0.01	<0.01
397523		<0.05	<0.05	<0.05	<0.001	31.54	1123.5	<0.01	<0.01
397524		<0.05	<0.05	<0.05	<0.001	33.11	1037.5	<0.01	<0.01
397525		<0.05	<0.05	<0.05	<0.001	44.79	1139.5	<0.01	<0.01
397526								17.70	
397527		<0.05	<0.05	<0.05	<0.001	32.77	1110.5	<0.01	<0.01
397528		0.05	0.77	<0.05	0.043	56.09	1142.0	0.01	0.01
397529		<0.05	<0.05	<0.05	<0.001	71.21	1031.5	0.02	0.02
397530		<0.05	<0.05	<0.05	<0.001	51.55	1099.0	<0.01	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153103

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 24
PUL- 32	SCR- 21	SPL- 21	SPLIT- Z
WSH- 22			

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153106

Projet: KAN

Bon de commande #: K015

Ce rapport s'applique aux 3 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 22d	Entrée échantillon - Reçu sans code barr
PUL- 32d	Pulverizer Split- Dup 85% < 75um
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153106

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
397531		<0.05	<0.05	<0.05	<0.001	34.69	1114.5	0.01	0.01
397532		<0.05	<0.05	<0.05	<0.001	40.38	1042.5	0.01	0.01
397533		<0.05	<0.05	<0.05	<0.001	34.68	1043.5	0.01	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153106

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 22d
PUL- 32	PUL- 32d	SCR- 21	SPL- 21
SPL- 21d	SPLIT- Z	WSH- 22	

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153112

Projet: KAN

Bon de commande #: K015

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153112

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397534		0.072		1.9	4.34	178	30	1.2	3	0.32	2.6	43	72	92	21.0	10
397535		0.065		1.2	5.09	180	40	1.1	4	0.19	2.2	25	65	92	18.55	20
397536		0.030		1.0	6.96	116	110	1.3	4	0.26	3.1	26	115	149	15.10	20
397537		1.285														
397538		0.011		0.6	9.60	38	250	1.5	6	0.87	1.5	20	119	116	8.13	20
397539		0.005		0.7	7.77	64	200	1.2	2	2.63	2.2	21	75	118	10.30	20
397540		0.005		0.5	4.71	59	120	1.2	<2	6.92	1.7	9	47	160	11.75	10
397541		<0.005														
397542		0.020		1.0	7.83	112	80	1.3	6	0.87	3.4	19	83	125	12.45	20
397543		0.034		1.1	6.18	151	40	1.2	7	1.88	7.1	16	67	166	14.75	20
397544		0.058		1.2	4.89	250	30	1.0	5	1.52	9.0	21	69	142	17.05	10
397545		0.047		1.0	4.47	232	40	0.9	2	0.99	11.9	22	65	172	15.90	10
397546		>10.0	18.15													
397547		0.035		1.0	5.96	176	50	1.2	2	1.74	8.2	17	72	142	13.85	20
397548		0.042		1.1	5.88	178	40	1.2	2	2.13	9.3	18	75	150	14.10	20
397549		0.042		0.9	5.21	103	110	1.0	4	3.37	7.2	15	63	206	13.20	10
397550		0.020		0.7	8.25	94	110	1.4	3	2.44	3.2	18	79	114	11.45	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153112

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397534		1.76	30	0.47	184	16	0.11	117	240	82	>10.0	19	8	24	<20	0.12
397535		2.03	30	0.54	87	17	0.12	150	190	69	>10.0	16	9	24	<20	0.16
397536		2.90	20	0.57	74	14	0.18	183	430	51	>10.0	12	16	36	<20	0.29
397537																
397538		4.08	40	0.74	149	10	0.28	112	390	19	5.60	<5	21	64	<20	0.41
397539		3.19	30	1.51	260	13	0.32	124	190	32	8.25	8	15	91	<20	0.24
397540		1.62	20	3.27	817	10	0.49	138	130	24	8.21	<5	11	151	<20	0.16
397541																
397542		3.37	30	0.63	98	19	0.28	160	230	50	>10.0	8	14	59	<20	0.23
397543		2.57	30	1.02	232	20	0.26	177	520	56	>10.0	13	11	65	<20	0.17
397544		2.04	30	0.85	241	64	0.19	214	520	76	>10.0	16	9	53	<20	0.11
397545		1.81	30	0.64	186	77	0.16	253	550	71	>10.0	18	8	45	<20	0.10
397546																
397547		2.44	30	1.00	344	48	0.29	186	510	59	>10.0	16	10	66	<20	0.13
397548		2.35	30	1.14	458	53	0.27	198	620	69	>10.0	18	12	69	<20	0.14
397549		2.08	30	1.66	660	56	0.24	209	810	42	>10.0	9	9	81	<20	0.13
397550		3.45	40	1.40	378	18	0.32	139	250	44	>10.0	15	13	85	<20	0.23

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153112

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397534		<10	10	137	<10	812	4.20
397535		10	10	189	<10	804	4.27
397536		10	20	203	<10	1040	2.73
397537							0.03
397538		10	10	172	<10	474	2.85
397539		10	10	203	<10	680	2.70
397540		<10	10	146	<10	419	0.31
397541							0.12
397542		10	10	267	<10	818	2.55
397543		10	10	270	<10	1470	2.43
397544		<10	30	687	<10	1705	2.11
397545		10	30	734	<10	2110	3.04
397546							0.09
397547		<10	20	514	<10	1450	2.69
397548		10	20	625	<10	1690	2.87
397549		<10	30	606	<10	1440	2.69
397550		10	10	260	<10	775	2.78

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153112

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153114

Projet: KAN

Bon de commande #: K016

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153114

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
397551		0.022	<0.5	9.73	76	280	1.6	2	0.47	2.5	24	94	77	9.33	30	4.16
397552		0.030	0.6	9.59	76	260	1.5	2	0.45	2.3	23	92	75	9.12	20	4.04
397553		0.012	0.7	9.11	66	230	1.4	<2	0.98	2.9	24	84	97	10.65	20	3.85
397554		0.018	0.7	8.16	71	200	1.2	6	2.13	3.4	24	76	115	12.55	20	3.33
397555		0.016	<0.5	7.90	37	210	1.1	<2	1.14	2.1	21	74	161	11.90	20	3.26
397556		0.005	0.6	9.54	40	230	1.3	2	0.78	2.2	25	94	130	10.50	20	3.64
397557		1.380														
397558		0.011	<0.5	9.57	<5	260	1.6	<2	0.59	1.6	8	111	158	10.20	20	4.17
397559		<0.005	0.5	6.07	14	180	1.3	<2	1.03	2.1	34	82	183	15.20	20	2.56

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153114

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
397551		40	0.50	71	15	0.33	121	230	36	8.52	8	15	64	<20	0.32	10
397552		40	0.49	64	14	0.32	118	220	37	8.32	8	15	63	<20	0.32	10
397553		30	0.74	131	12	0.31	129	240	34	8.96	7	17	61	<20	0.29	10
397554		40	1.26	280	14	0.31	142	220	37	9.86	11	15	80	<20	0.23	10
397555		30	0.78	171	9	0.32	138	220	26	8.15	<5	15	65	<20	0.23	<10
397556		30	0.76	145	11	0.84	109	210	24	7.36	<5	18	67	<20	0.34	<10
397557																
397558		30	0.66	117	10	0.37	114	250	11	5.73	<5	18	55	<20	0.31	10
397559		30	0.96	340	13	0.15	125	360	17	8.34	<5	12	43	<20	0.19	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153114

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397551		10	226	<10	635	2.69
397552		10	219	<10	613	<0.02
397553		10	190	<10	790	2.73
397554		10	208	<10	977	2.55
397555		10	154	<10	532	1.84
397556		10	189	<10	588	2.77
397557						0.06
397558		10	168	<10	441	2.77
397559		10	129	<10	477	4.29

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153114

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	LOG- 23	PUL- 31	PUL- 31d
PUL- QC	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153115

Projet: KAN

Bon de commande #: K016

Ce rapport s'applique aux 12 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 22d	Entrée échantillon - Reçu sans code barr
PUL- 32d	Pulverizer Split- Dup 85% < 75um
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153115

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
397560		<0.05	<0.05	<0.05	<0.001	36.11	1004.0	<0.01	<0.01
397561								<0.01	
397562		<0.05	<0.05	<0.05	<0.001	29.39	1108.5	<0.01	<0.01
397563		<0.05	<0.05	<0.05	<0.001	32.86	942.8	<0.01	<0.01
397564		<0.05	<0.05	<0.05	<0.001	35.66	1009.0	<0.01	<0.01
397565		0.24	4.21	0.08	0.148	35.16	837.4	0.06	0.09
397566								17.15	
397567		1.06	12.90	0.69	0.394	30.55	953.0	0.70	0.67
397568		<0.05	<0.05	<0.05	<0.001	32.99	1098.5	0.02	0.02
397569		<0.05	<0.05	<0.05	<0.001	35.86	1047.0	<0.01	<0.01
397570		<0.05	<0.05	<0.05	<0.001	29.33	949.7	<0.01	<0.01
397572		<0.05	<0.05	<0.05	<0.001	40.77	1004.0	<0.01	<0.01

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153115

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 22d
LOG- 24	PUL- 32	PUL- 32d	SCR- 21
SPL- 21	SPL- 21d	SPLIT- Z	WSH- 22

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153129

Projet: KAN

Bon de commande #: K017

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153129

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
397573		<0.05	<0.05	<0.05	<0.001	67.86	1172.0	<0.01	<0.01
397574		<0.05	<0.05	<0.05	<0.001	81.67	1058.0	<0.01	<0.01
397575		0.06	0.47	<0.05	0.050	106.85	965.8	0.01	0.01
397576		1.22	10.30	0.40	0.912	88.72	979.5	0.42	0.37
397577								1.28	
397578		<0.05	<0.05	<0.05	<0.001	75.79	1108.5	<0.01	<0.01
397579		<0.05	<0.05	<0.05	<0.001	71.98	978.3	<0.01	0.03
397580		0.55	1.97	0.43	0.180	91.22	1024.0	0.51	0.34
397581								<0.01	
397582		1.09	3.07	0.90	0.286	93.10	940.1	0.94	0.85
397583		<0.05	<0.05	<0.05	<0.001	75.35	1042.5	<0.01	0.02
397584		2.23	12.85	1.08	1.273	99.16	912.6	0.93	1.22
397585		0.36	1.67	0.22	0.177	106.00	1011.5	0.23	0.21
397586								17.30	
397587		<0.05	<0.05	<0.05	<0.001	138.85	913.5	0.02	0.01
397588		0.24	0.86	0.21	0.054	62.77	1087.0	0.24	0.17
397589		<0.05	<0.05	<0.05	<0.001	71.35	1044.0	<0.01	<0.01
397590		<0.05	<0.05	<0.05	<0.001	99.21	951.9	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153129

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 24
PUL- 32	SCR- 21	SPL- 21	SPLIT- Z
WSH- 22			

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153132

Projet: KAN

Bon de commande #: K019

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153132

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397611		<0.005		<0.5	8.60	5	540	1.8	2	0.67	2.4	14	93	161	6.19	20
397612		0.007		<0.5	8.51	<5	540	1.8	5	0.62	2.1	13	89	160	5.99	20
397613		<0.005		<0.5	8.04	53	450	0.9	4	3.09	<0.5	56	151	138	10.75	20
397614		<0.005		<0.5	6.98	41	50	<0.5	2	5.68	<0.5	54	122	150	8.86	20
397615		<0.005		<0.5	7.37	26	80	0.5	8	4.99	<0.5	56	138	149	11.05	20
397616		<0.005		<0.5	7.71	19	220	0.7	5	4.72	<0.5	54	159	186	11.15	20
397617		1.260														
397618		<0.005		<0.5	7.22	26	330	0.8	3	6.55	0.5	49	141	195	9.04	20
397619		<0.005		<0.5	7.27	37	100	<0.5	4	5.32	0.6	54	132	158	9.46	20
397620		0.005		<0.5	6.96	50	80	<0.5	2	6.21	<0.5	56	129	155	9.21	20
397621		<0.005														
397622		<0.005		<0.5	7.17	44	230	0.6	5	6.20	0.6	47	123	129	8.78	20
397623		<0.005		<0.5	8.67	13	480	1.8	3	1.58	<0.5	15	98	29	5.27	20
397624		<0.005		<0.5	11.25	<5	600	2.4	8	0.26	<0.5	14	100	78	5.15	30
397625		<0.005		<0.5	12.20	<5	620	2.5	5	0.10	<0.5	12	107	99	4.61	30
397626		>10.0	18.35													
397627		<0.005		<0.5	10.40	<5	510	2.0	5	0.16	<0.5	10	88	79	4.63	30
397628		<0.005		<0.5	10.35	<5	470	1.9	3	0.12	<0.5	10	86	74	4.52	30
397629		<0.005		<0.5	10.25	6	460	2.0	4	0.12	<0.5	12	90	61	3.99	30
397630		0.005		<0.5	10.65	<5	510	2.2	7	0.17	<0.5	12	96	39	4.25	30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153132

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397611		4.54	30	1.37	448	4	0.05	52	200	6	1.59	<5	11	32	<20	0.25
397612		4.46	30	1.34	413	3	0.05	50	210	8	1.50	<5	11	31	<20	0.25
397613		2.26	10	4.28	1200	<1	0.06	179	350	<2	0.16	<5	37	85	<20	0.59
397614		0.30	<10	5.00	1400	<1	1.20	197	320	5	0.03	<5	36	144	<20	0.58
397615		0.56	<10	4.25	1380	<1	1.41	158	380	2	0.21	<5	40	151	<20	0.63
397616		0.96	<10	4.05	1390	<1	1.29	146	410	4	0.23	<5	46	139	<20	0.73
397617																
397618		1.31	<10	3.14	1460	<1	1.31	120	410	5	0.19	<5	44	195	<20	0.70
397619		0.41	<10	4.62	1305	<1	1.35	151	350	6	0.09	<5	41	186	<20	0.63
397620		0.36	<10	4.72	1415	<1	1.14	172	340	7	0.04	<5	39	219	<20	0.56
397621																
397622		1.12	10	3.70	1425	<1	1.05	109	360	3	0.04	<5	39	237	<20	0.64
397623		4.02	30	1.47	693	1	0.07	42	190	11	0.21	<5	18	88	<20	0.36
397624		5.77	40	1.14	244	2	0.21	40	190	10	0.71	<5	14	44	20	0.37
397625		5.84	30	1.10	169	3	0.27	47	200	10	0.69	<5	15	48	20	0.39
397626																
397627		5.22	40	0.98	186	2	0.34	41	210	24	0.78	<5	12	46	20	0.33
397628		4.98	40	1.00	176	1	0.73	40	200	11	0.73	<5	12	48	20	0.33
397629		4.99	30	0.95	156	2	0.70	43	230	24	0.60	<5	12	48	<20	0.32
397630		5.33	30	0.99	185	2	0.58	39	160	32	0.52	<5	13	50	<20	0.34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153132

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397611		<10	<10	188	<10	307	1.93
397612		<10	<10	184	<10	299	<0.02
397613		<10	<10	308	<10	138	3.28
397614		<10	<10	293	<10	101	2.33
397615		<10	<10	328	<10	106	2.12
397616		<10	<10	373	<10	123	2.44
397617							0.04
397618		<10	<10	361	<10	102	2.22
397619		<10	<10	340	<10	105	2.44
397620		<10	<10	321	<10	100	2.31
397621							0.12
397622		<10	<10	318	<10	100	3.47
397623		<10	<10	127	<10	69	1.62
397624		<10	<10	125	<10	82	2.34
397625		<10	<10	155	<10	82	2.81
397626							0.08
397627		<10	<10	104	<10	72	2.39
397628		<10	<10	109	<10	77	2.74
397629		<10	<10	132	<10	71	2.55
397630		<10	<10	126	<10	74	2.79

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153132

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153134

Projet: KAN

Bon de commande #: K020

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153134

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397631		<0.005		<0.5	9.75	<5	440	2.0	5	0.11	<0.5	12	89	27	5.37	20
397632		0.007		<0.5	9.63	<5	440	2.0	3	0.11	<0.5	12	91	28	5.22	30
397633		<0.005		<0.5	10.50	<5	490	2.2	3	0.12	<0.5	12	95	28	5.04	30
397634		<0.005		<0.5	10.55	<5	490	2.1	6	0.06	<0.5	11	94	26	5.18	30
397635		0.006		<0.5	10.80	<5	520	2.2	5	0.07	<0.5	11	92	36	4.96	30
397636		<0.005		<0.5	10.15	<5	490	1.9	4	0.05	<0.5	13	81	40	4.47	20
397637		1.250														
397638		<0.005		<0.5	9.95	<5	500	1.9	4	0.07	<0.5	12	84	72	4.48	30
397639		0.007		<0.5	9.56	<5	560	1.9	6	0.06	<0.5	11	85	47	4.78	20
397640		<0.005		<0.5	6.65	15	160	0.5	6	4.58	0.5	33	114	99	7.17	20
397641		0.006														
397642		0.006		<0.5	7.33	21	170	0.5	6	5.65	0.6	38	123	102	8.03	20
397643		<0.005		<0.5	9.45	<5	690	1.7	4	0.20	<0.5	10	81	45	4.67	20
397644		0.006		<0.5	9.48	<5	590	2.0	6	0.09	<0.5	12	78	35	4.88	20
397645		0.005		<0.5	9.20	<5	520	2.0	4	0.08	<0.5	9	76	37	6.10	20
397646		>10.0	17.05													
397647		0.009		<0.5	9.26	<5	610	2.1	4	0.08	<0.5	9	80	31	5.38	20
397648		<0.005		<0.5	9.79	<5	710	2.1	5	0.07	<0.5	11	88	31	5.50	30
397649		0.005		<0.5	8.82	<5	810	1.9	<2	1.08	<0.5	10	82	62	6.08	30
397650		0.006		<0.5	6.25	<5	460	1.0	3	6.05	0.6	19	75	30	7.60	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153134

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397631		4.56	30	1.15	206	<1	0.42	34	460	8	0.45	<5	13	45	<20	0.31
397632		4.68	30	1.15	202	<1	0.42	37	480	10	0.46	<5	13	45	<20	0.32
397633		5.16	30	1.13	189	<1	0.33	39	210	15	0.37	<5	14	42	<20	0.34
397634		5.26	30	1.14	204	<1	0.41	37	220	9	0.39	<5	13	41	20	0.34
397635		5.31	30	1.08	187	<1	0.71	37	190	18	0.62	<5	12	40	20	0.34
397636		5.00	30	0.97	157	1	0.53	39	200	9	0.65	<5	11	38	20	0.31
397637																
397638		5.16	30	0.97	158	2	0.29	37	190	12	0.74	<5	12	37	<20	0.32
397639		5.02	30	1.03	188	1	0.16	37	170	10	0.68	<5	12	30	<20	0.31
397640		1.20	10	3.09	1055	<1	1.34	77	350	11	0.06	<5	30	166	<20	0.51
397641																
397642		1.13	10	3.55	1260	<1	1.59	88	330	6	0.02	<5	35	189	<20	0.56
397643		4.88	30	1.20	232	<1	0.44	36	200	3	0.35	<5	11	25	<20	0.30
397644		5.27	30	1.18	171	<1	0.08	34	200	11	0.43	<5	11	19	<20	0.29
397645		4.76	30	1.36	167	<1	0.36	28	170	12	0.29	<5	10	21	<20	0.28
397646																
397647		5.08	30	1.29	132	<1	0.06	30	180	10	0.34	<5	11	17	<20	0.29
397648		5.54	40	1.42	202	<1	0.05	34	190	8	0.30	<5	12	16	<20	0.31
397649		4.99	30	1.70	492	1	0.04	34	310	5	0.41	<5	11	45	<20	0.30
397650		3.20	20	3.20	1640	1	0.16	51	320	10	0.07	<5	18	184	<20	0.33

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153134

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397631		<10	<10	95	<10	81	2.31
397632		<10	<10	95	<10	80	<0.02
397633		<10	<10	106	<10	67	2.54
397634		<10	<10	101	<10	70	1.98
397635		<10	<10	91	<10	71	2.67
397636		<10	<10	89	<10	76	2.70
397637							0.05
397638		<10	<10	103	<10	84	2.66
397639		<10	<10	98	<10	67	2.14
397640		<10	<10	249	<10	77	2.86
397641							0.12
397642		<10	<10	284	<10	81	2.49
397643		<10	<10	85	<10	59	2.34
397644		<10	<10	84	<10	74	2.44
397645		<10	<10	77	<10	78	2.70
397646							0.09
397647		<10	<10	77	<10	66	2.49
397648		<10	<10	83	<10	69	2.35
397649		<10	<10	75	<10	72	2.44
397650		<10	<10	139	<10	63	2.71

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153134

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153136

Projet: KAN

Bon de commande #: K023

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153136

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398941		<0.005		<0.5	10.05	<5	510	2.0	3	0.05	<0.5	14	87	32	4.87	30
398942		<0.005		<0.5	10.10	<5	520	2.0	<2	0.05	<0.5	14	87	31	4.83	30
398943		<0.005		<0.5	9.16	<5	460	1.7	3	0.06	<0.5	12	80	27	4.74	20
398944		<0.005		<0.5	10.30	<5	500	1.9	2	0.06	<0.5	11	90	30	4.81	30
398945		<0.005		<0.5	10.25	<5	510	1.9	<2	0.05	<0.5	12	88	37	4.72	30
398946		<0.005		<0.5	10.20	<5	500	2.0	<2	0.07	<0.5	14	86	35	4.48	30
398947		1.330														
398948		<0.005		<0.5	9.77	<5	480	1.9	<2	0.08	<0.5	11	86	29	4.26	30
398949		<0.005		<0.5	9.75	<5	460	1.9	<2	0.10	<0.5	13	86	30	4.45	30
398950		<0.005		<0.5	10.10	<5	490	2.0	5	0.12	<0.5	12	90	31	4.53	20
398951		<0.005														
398952		<0.005		<0.5	9.30	<5	470	1.9	<2	0.22	<0.5	13	83	36	4.29	20
398953		<0.005		<0.5	10.40	<5	520	2.2	3	0.10	<0.5	13	91	38	4.57	30
398954		<0.005		<0.5	9.74	<5	470	2.0	<2	0.10	<0.5	12	86	38	4.86	20
398955		<0.005		<0.5	9.91	<5	470	2.0	3	0.11	<0.5	12	85	35	4.36	20
398956		>10.0	17.05													
398957		0.007		<0.5	10.15	<5	480	2.1	<2	0.07	<0.5	12	88	37	4.75	30
398958		<0.005		<0.5	10.45	<5	490	2.1	2	0.10	<0.5	14	93	39	4.80	30
398959		<0.005		<0.5	9.53	<5	460	2.1	<2	0.06	<0.5	12	82	36	4.70	20
398960		<0.005		<0.5	10.20	<5	490	2.3	<2	0.04	<0.5	13	90	46	4.71	30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153136

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398941		5.24	40	1.05	234	<1	0.08	42	180	4	0.39	<5	11	30	<20	0.33
398942		5.28	30	1.07	231	<1	0.09	45	180	5	0.41	<5	11	30	<20	0.34
398943		4.87	30	1.03	254	<1	0.10	37	180	4	0.34	<5	10	28	<20	0.31
398944		5.38	40	1.04	204	<1	0.08	38	190	13	0.39	<5	11	32	20	0.34
398945		5.50	40	1.03	179	<1	0.10	34	190	9	0.53	<5	11	32	<20	0.34
398946		5.33	40	1.01	163	<1	0.15	35	180	14	0.59	<5	11	35	<20	0.34
398947																
398948		5.03	30	0.98	165	1	0.22	36	190	13	0.51	<5	11	36	<20	0.33
398949		4.82	30	1.01	169	1	0.34	37	220	20	0.55	<5	10	41	<20	0.33
398950		5.23	30	1.02	174	<1	0.45	36	190	16	0.52	<5	11	45	<20	0.34
398951																
398952		4.88	30	0.97	187	<1	0.42	37	190	17	0.66	5	10	52	<20	0.31
398953		5.42	40	1.02	147	1	0.40	38	200	24	0.77	<5	11	44	<20	0.34
398954		4.88	30	1.02	185	<1	0.57	39	180	16	0.79	<5	10	41	<20	0.32
398955		4.95	40	0.97	158	1	0.59	37	190	16	0.69	5	10	43	<20	0.32
398956																
398957		5.03	40	1.07	165	<1	0.50	37	200	15	0.69	<5	11	37	<20	0.33
398958		5.20	40	1.04	183	<1	0.58	38	380	12	0.64	<5	11	42	<20	0.35
398959		4.78	30	1.05	183	1	0.25	41	160	12	0.53	<5	10	32	<20	0.31
398960		4.99	30	1.03	159	1	0.41	41	160	10	0.74	<5	11	32	<20	0.34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153136

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
398941		<10	<10	67	<10	84	2.39
398942		<10	<10	68	<10	85	<0.02
398943		<10	<10	63	<10	75	2.47
398944		<10	<10	74	<10	71	2.56
398945		<10	<10	77	<10	76	2.31
398946		<10	<10	85	<10	73	2.63
398947							0.05
398948		<10	<10	79	<10	71	2.45
398949		<10	<10	74	<10	79	2.79
398950		<10	<10	76	<10	79	2.38
398951							0.13
398952		<10	<10	75	<10	66	2.30
398953		<10	<10	87	<10	68	2.61
398954		<10	<10	74	<10	73	2.44
398955		<10	<10	84	<10	65	2.52
398956							0.10
398957		<10	<10	85	<10	76	2.26
398958		<10	<10	85	<10	74	2.46
398959		<10	<10	79	<10	77	2.23
398960		<10	<10	89	<10	77	2.54

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153136

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153138

Projet: KAN

Bon de commande #: K024

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153138

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398961		0.007		<0.5	9.91	<5	450	2.2	<2	0.10	<0.5	14	90	52	5.14	30
398962		0.008		<0.5	9.64	<5	440	2.2	<2	0.08	<0.5	14	87	58	5.06	20
398963		<0.005		<0.5	10.70	<5	530	2.4	<2	0.06	<0.5	10	89	31	4.62	30
398964		<0.005		<0.5	9.85	7	490	2.1	<2	0.08	<0.5	10	85	21	4.21	30
398965		0.007		<0.5	10.30	<5	500	2.2	<2	0.07	<0.5	13	88	36	4.54	30
398966		0.005		<0.5	10.25	5	450	2.0	<2	0.12	<0.5	11	90	46	6.29	30
398967		1.340														
398968		0.006		<0.5	10.10	<5	460	2.1	<2	0.05	<0.5	12	85	28	4.50	30
398969		0.007		<0.5	10.05	<5	450	2.2	<2	0.05	<0.5	12	88	36	4.83	30
398970		0.007		<0.5	10.35	<5	490	2.5	<2	0.06	<0.5	11	91	28	4.66	30
398971		0.005														
398972		0.012		<0.5	10.35	<5	530	2.8	<2	0.06	<0.5	21	110	40	7.82	30
398973		0.028		<0.5	8.45	<5	450	2.4	<2	0.23	1.2	20	87	63	8.37	20
398974		0.019		<0.5	8.33	<5	450	2.4	<2	0.27	1.9	17	85	55	6.74	20
398975		0.017		<0.5	8.64	<5	450	2.5	<2	0.23	1.9	14	87	52	6.56	20
398976		>10.0	17.20													
398977		0.024		<0.5	8.79	<5	470	2.5	<2	0.18	1.1	14	92	75	6.50	20
398978		0.015		<0.5	8.25	<5	440	2.3	<2	0.35	1.3	18	87	95	6.18	20
398979		<0.005		<0.5	8.73	6	450	2.1	<2	0.42	<0.5	11	82	36	6.17	20
398980		<0.005		<0.5	8.82	6	470	2.1	<2	0.43	<0.5	11	83	29	5.12	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153138

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398961		4.70	30	1.17	212	<1	0.72	42	210	13	0.75	<5	11	35	<20	0.31
398962		4.52	30	1.12	199	1	0.70	40	220	13	0.75	<5	11	33	<20	0.31
398963		5.01	30	1.14	170	<1	0.56	36	170	10	0.43	6	12	32	<20	0.34
398964		4.83	30	1.08	171	<1	0.56	32	210	7	0.21	5	11	33	<20	0.33
398965		4.95	30	1.09	195	<1	0.37	39	190	14	0.40	7	12	29	<20	0.34
398966		4.83	30	1.33	356	<1	0.36	33	460	4	0.52	10	11	34	<20	0.33
398967																
398968		4.81	20	1.07	219	<1	0.24	36	190	13	0.31	5	11	26	<20	0.33
398969		4.53	10	1.07	207	<1	0.33	38	200	9	0.47	6	11	27	<20	0.34
398970		4.66	20	1.10	230	1	0.53	36	190	6	0.41	<5	11	28	<20	0.35
398971																
398972		4.76	20	1.59	316	2	0.31	44	150	5	1.20	8	13	20	<20	0.38
398973		4.40	20	1.35	310	3	0.05	55	150	16	2.58	<5	12	25	<20	0.29
398974		4.34	20	1.28	259	3	0.04	49	170	12	1.83	<5	11	24	<20	0.27
398975		4.52	30	1.30	303	3	0.05	45	190	13	1.47	8	11	25	<20	0.26
398976																
398977		4.53	20	1.18	253	3	0.08	46	180	13	1.76	<5	11	26	<20	0.26
398978		4.30	30	1.15	307	2	0.06	51	200	33	1.61	10	11	36	<20	0.25
398979		4.00	30	1.32	372	<1	0.57	29	220	3	0.25	<5	10	37	<20	0.28
398980		4.32	30	1.35	378	<1	0.41	30	180	9	0.17	6	10	43	<20	0.30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153138

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
398961		<10	<10	92	<10	82	2.15
398962		<10	<10	91	<10	77	<0.02
398963		<10	<10	90	<10	76	1.96
398964		<10	<10	72	<10	72	2.42
398965		<10	<10	72	10	67	2.52
398966		<10	<10	71	<10	92	2.11
398967							0.05
398968		<10	<10	81	10	73	2.50
398969		<10	<10	84	<10	76	2.76
398970		<10	<10	83	<10	83	2.79
398971							0.12
398972		<10	<10	178	<10	181	2.55
398973		<10	<10	246	<10	219	2.37
398974		<10	<10	269	<10	285	2.52
398975		<10	<10	269	10	300	2.75
398976							0.10
398977		<10	<10	229	<10	218	2.23
398978		<10	<10	179	<10	220	2.14
398979		<10	<10	60	10	91	2.69
398980		<10	<10	72	<10	80	2.36

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153138

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153139

Projet: KAN

Bon de commande #: K025

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153139

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398981		0.005		<0.5	9.44	<5	510	2.1	<2	0.13	<0.5	11	88	30	4.00	20
398982		<0.005		<0.5	9.52	<5	520	2.1	3	0.12	<0.5	10	88	29	3.86	20
398983		<0.005		<0.5	9.54	<5	500	2.0	<2	0.08	<0.5	11	85	31	4.04	20
398984		<0.005		<0.5	9.27	<5	510	2.1	<2	0.06	<0.5	12	87	37	4.48	30
398985		<0.005		<0.5	8.71	<5	510	2.2	3	0.39	<0.5	10	93	34	4.64	20
398986		<0.005		<0.5	8.50	6	380	1.8	<2	0.22	<0.5	8	79	23	6.13	20
398987		1.340														
398988		<0.005		<0.5	7.91	<5	400	1.9	<2	0.40	<0.5	10	75	22	5.09	20
398989		<0.005		<0.5	8.02	<5	420	2.0	3	0.39	<0.5	9	76	43	5.37	20
398990		<0.005		<0.5	8.45	5	460	2.1	<2	0.13	<0.5	11	85	48	5.27	20
398991		<0.005														
398992		<0.005		<0.5	8.43	<5	430	1.9	<2	0.12	<0.5	11	79	31	6.30	20
398993		0.007		<0.5	8.31	<5	460	2.2	<2	0.25	2.8	15	91	96	5.84	20
398994		0.013		0.5	8.44	<5	470	2.3	2	0.18	5.0	15	93	74	5.96	20
398995		0.024		<0.5	8.36	<5	450	2.1	<2	0.15	0.7	12	89	51	6.34	20
398996		>10.0	17.85													
398997		0.008		<0.5	7.20	<5	380	1.8	<2	0.33	3.2	15	79	77	5.34	20
398998		0.011		<0.5	8.67	<5	460	2.2	<2	0.16	5.7	12	98	99	5.66	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153139

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398981		4.92	30	1.01	162	<1	0.10	35	170	17	0.24	<5	12	28	<20	0.32
398982		5.06	30	1.01	145	1	0.10	33	160	23	0.24	<5	12	27	<20	0.33
398983		4.95	30	1.01	132	1	0.07	37	190	6	0.38	<5	12	24	<20	0.32
398984		5.09	20	1.01	157	1	0.06	39	190	18	0.55	<5	11	21	<20	0.32
398985		4.43	30	1.17	361	1	0.12	30	360	11	0.36	<5	11	35	<20	0.30
398986		3.24	30	1.22	383	<1	0.94	27	180	5	0.15	<5	11	32	<20	0.27
398987																
398988		3.55	30	1.16	440	1	0.42	27	190	15	0.13	<5	10	41	<20	0.26
398989		3.97	30	1.32	457	1	0.14	28	180	13	0.25	5	10	41	<20	0.29
398990		4.25	30	1.17	263	<1	0.09	32	190	7	0.36	5	11	24	<20	0.28
398991																
398992		3.81	30	1.25	341	<1	0.26	27	200	<2	0.30	6	10	24	<20	0.26
398993		4.56	30	1.06	206	4	0.09	54	200	17	1.71	6	11	40	<20	0.25
398994		4.59	30	1.12	178	4	0.05	52	200	32	1.80	6	11	28	<20	0.25
398995		4.07	30	1.33	227	2	0.05	46	210	16	1.29	<5	11	27	<20	0.25
398996																
398997		3.82	20	1.03	254	3	0.07	46	250	16	1.58	5	9	39	<20	0.21
398998		4.72	30	1.04	178	6	0.05	55	200	16	1.73	<5	12	25	<20	0.27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153139

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
398981		<10	<10	72	<10	67	2.75
398982		<10	<10	72	<10	63	<0.02
398983		<10	<10	75	<10	67	2.77
398984		<10	<10	84	<10	71	2.58
398985		<10	<10	97	<10	79	2.43
398986		<10	<10	62	<10	76	3.12
398987							0.05
398988		<10	<10	61	<10	70	1.86
398989		<10	<10	69	<10	82	2.27
398990		<10	<10	71	<10	99	2.27
398991							0.14
398992		<10	<10	59	<10	124	2.78
398993		<10	<10	220	<10	308	3.30
398994		<10	<10	283	<10	516	2.35
398995		<10	<10	225	<10	253	2.61
398996							0.11
398997		<10	<10	212	<10	406	2.09
398998		<10	<10	294	<10	558	2.33

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153139

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 2- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153141

Projet: KAN

Bon de commande #: K025

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153141

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
398999		<0.05	<0.05	<0.05	<0.001	30.86	982.2	<0.01	<0.01
399000		<0.05	<0.05	<0.05	<0.001	37.45	1045.0	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153141

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	PUL- 32
SCR- 21	SPL- 21	SPLIT- Z	WSH- 22

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153143

Projet: KAN

Bon de commande #: K027

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 22d	Entrée échantillon - Reçu sans code barr
PUL- 32d	Pulverizer Split- Dup 85% < 75um
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153143

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399021		<0.05	<0.05	<0.05	<0.001	20.03	970.9	<0.01	<0.01
399022		<0.05	<0.05	<0.05	<0.001	43.14	991.2	<0.01	0.01
399023		<0.05	<0.05	<0.05	<0.001	43.21	1035.5	<0.01	<0.01
399024		<0.05	<0.05	<0.05	<0.001	27.60	1066.5	<0.01	<0.01
399025		<0.05	<0.05	<0.05	<0.001	36.96	1029.5	<0.01	<0.01
399026		<0.05	<0.05	<0.05	<0.001	23.18	1017.5	0.01	<0.01
399027								1.34	
399028		<0.05	<0.05	<0.05	<0.001	23.61	1011.0	0.01	0.01
399029		<0.05	<0.05	<0.05	<0.001	57.26	1025.0	<0.01	0.01
399030		<0.05	<0.05	<0.05	<0.001	45.72	1157.0	<0.01	<0.01
399031								0.02	
399032		<0.05	<0.05	<0.05	<0.001	46.19	1043.5	<0.01	0.01
399033		<0.05	<0.05	<0.05	<0.001	60.80	1134.0	<0.01	0.01
399034		<0.05	<0.05	<0.05	<0.001	47.26	1046.5	<0.01	<0.01
399035		<0.05	<0.05	<0.05	<0.001	56.47	1093.0	0.01	<0.01
399036								17.55	
399037		<0.05	<0.05	<0.05	<0.001	31.67	1140.5	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153143

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 22d
LOG- 24	PUL- 32	PUL- 32d	SCR- 21
SPL- 21	SPL- 21d	SPLIT- Z	WSH- 22

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153144

Projet: KAN

Bon de commande #: K027

Ce rapport s'applique aux 3 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153144

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
399038		0.016	<0.5	6.19	7	290	3.2	3	0.70	0.7	23	88	38	12.60	20	3.85
399039		0.011	<0.5	8.01	<5	450	2.8	3	0.32	<0.5	24	110	40	8.98	20	5.03
399040		0.008	<0.5	8.50	<5	470	2.2	3	0.44	<0.5	20	106	43	8.49	20	5.11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153144

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
399038		30	1.75	1470	1	0.03	59	440	24	2.45	<5	11	51	<20	0.32	10
399039		30	1.32	293	1	0.04	65	290	31	2.38	<5	14	39	<20	0.39	<10
399040		30	1.49	731	1	0.04	56	210	9	1.65	<5	13	48	<20	0.33	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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plus les pages d'annexe
Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153144

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399038		10	213	<10	123	2.97
399039		<10	222	<10	157	2.19
399040		<10	179	<10	187	1.98

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 28- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153144

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153146

Projet: KAN

Bon de commande #: K028

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153146

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
399041		<0.005		<0.5	9.07	9	590	2.0	<2	0.13	<0.5	21	114	48	5.37	20
399042		<0.005		<0.5	8.84	13	560	1.9	<2	0.14	<0.5	22	109	51	5.48	20
399043		0.005		<0.5	7.86	<5	430	1.7	<2	0.12	<0.5	11	85	37	6.76	20
399044		0.008		<0.5	8.09	<5	450	1.9	<2	0.14	0.7	16	86	75	6.89	20
399045		0.010		0.6	8.01	<5	440	1.8	<2	0.14	2.6	17	83	76	7.81	20
399046		0.011		0.6	8.01	<5	490	1.6	<2	0.34	2.1	16	83	73	6.79	20
399047		1.270														
399048		<0.005		<0.5	7.47	21	410	1.2	2	2.16	<0.5	22	101	57	7.65	20
399049		0.020		<0.5	7.95	<5	480	1.8	<2	0.10	1.1	16	83	75	6.49	20
399050		0.014		<0.5	8.35	<5	490	2.1	<2	0.48	1.1	12	92	34	5.32	20
399051		0.005														
399052		0.014		0.5	8.37	<5	460	2.1	<2	0.17	3.6	15	91	72	5.66	20
399053		0.006		<0.5	8.95	<5	470	2.3	<2	0.08	1.3	11	97	54	5.64	20
399054		<0.005		<0.5	7.85	<5	420	1.9	2	0.28	<0.5	12	78	33	6.08	20
399055		<0.005		<0.5	7.86	<5	480	2.0	<2	0.47	<0.5	10	76	24	4.64	20
399056		>10.0	17.80													
399057		0.007		<0.5	8.19	<5	490	2.1	<2	0.35	<0.5	10	76	26	4.41	20
399058		<0.005		<0.5	8.62	7	500	2.2	<2	0.12	<0.5	11	83	22	5.20	20
399059		0.005		<0.5	8.39	7	410	1.9	<2	0.10	<0.5	12	88	49	5.56	20
399060		0.011		<0.5	8.64	<5	450	2.4	<2	0.06	1.7	12	94	54	5.81	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153146

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
399041		5.58	20	1.10	583	3	0.13	49	180	8	0.55	8	16	32	<20	0.37
399042		5.42	20	1.08	612	3	0.13	50	180	6	0.56	5	16	34	<20	0.36
399043		4.68	20	1.17	759	<1	0.05	35	160	6	0.94	6	10	24	<20	0.27
399044		4.96	20	1.04	520	2	0.05	44	130	10	1.69	<5	10	28	<20	0.27
399045		4.91	20	1.12	297	2	0.04	49	150	16	2.53	6	11	28	<20	0.26
399046		4.94	20	1.12	324	4	0.04	52	160	13	2.36	<5	11	46	<20	0.27
399047																
399048		3.97	20	2.48	975	2	0.04	63	220	30	0.66	7	19	192	<20	0.36
399049		4.54	30	1.24	151	5	0.04	48	150	14	1.50	<5	11	31	<20	0.25
399050		4.67	30	1.28	417	2	0.28	34	170	15	0.57	6	11	57	<20	0.27
399051																
399052		4.71	30	1.07	216	3	0.35	47	200	16	1.22	<5	11	42	<20	0.25
399053		4.80	30	0.98	196	2	0.60	42	190	11	0.74	<5	12	40	<20	0.27
399054		3.98	20	1.11	800	<1	0.52	31	190	9	0.11	<5	9	56	<20	0.26
399055		4.32	30	1.10	1110	<1	0.27	28	210	44	0.11	<5	10	80	<20	0.28
399056																
399057		4.44	30	1.10	1000	<1	0.41	26	200	25	0.06	<5	10	77	<20	0.28
399058		4.56	30	1.09	620	<1	0.43	29	170	6	0.12	<5	11	41	<20	0.30
399059		3.98	30	0.91	269	<1	1.19	31	190	13	0.34	7	11	53	<20	0.25
399060		4.91	30	1.00	122	3	0.66	46	210	7	1.38	<5	11	39	<20	0.25

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153146

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399041		<10	<10	148	<10	131	2.83
399042		10	<10	152	<10	135	<0.02
399043		<10	<10	108	<10	172	2.36
399044		<10	<10	154	<10	166	1.95
399045		<10	<10	213	<10	288	3.05
399046		<10	<10	246	<10	243	2.45
399047							0.04
399048		<10	<10	253	<10	207	2.31
399049		<10	<10	283	<10	223	2.39
399050		<10	<10	273	<10	226	1.89
399051							0.10
399052		<10	<10	230	<10	324	2.49
399053		<10	<10	139	<10	193	2.51
399054		<10	<10	57	<10	78	2.12
399055		<10	<10	63	<10	69	2.23
399056							0.09
399057		<10	<10	60	<10	68	2.26
399058		<10	<10	65	<10	84	2.46
399059		<10	<10	73	<10	99	2.28
399060		<10	<10	199	<10	232	2.64

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153146

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153148

Projet: KAN

Bon de commande #: K030

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 22d	Entrée échantillon - Reçu sans code barr
PUL- 32d	Pulverizer Split- Dup 85% < 75um
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153148

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399081		<0.05	<0.05	<0.05	<0.001	51.13	1163.5	0.01	<0.01
399082		<0.05	<0.05	<0.05	<0.001	43.58	1029.0	<0.01	<0.01
399083		<0.05	<0.05	<0.05	<0.001	66.38	1032.0	<0.01	<0.01
399084		<0.05	<0.05	<0.05	<0.001	61.30	1038.0	0.01	<0.01
399085		<0.05	<0.05	<0.05	<0.001	79.19	985.2	<0.01	<0.01
399086		<0.05	<0.05	<0.05	<0.001	92.87	926.9	<0.01	<0.01
399087		<0.05	<0.05	<0.05	<0.001	38.15	1033.5	<0.01	<0.01
399088								1.30	
399089		<0.05	<0.05	<0.05	<0.001	82.62	1047.0	<0.01	<0.01
399090		<0.05	<0.05	<0.05	<0.001	69.63	1071.5	<0.01	<0.01
399091		<0.05	<0.05	<0.05	<0.001	50.13	973.2	<0.01	<0.01
399092								<0.01	
399093		6.64	37.9	4.70	2.616	69.06	1112.0	4.56	4.84
399094		0.61	3.21	0.43	0.227	70.68	1010.0	0.40	0.46
399095		2.13	12.30	1.55	0.834	67.88	1174.0	1.57	1.52
399096		<0.05	<0.05	<0.05	<0.001	81.70	1107.5	0.01	0.01
399097								17.40	
399098		0.40	1.28	0.35	0.093	72.52	1332.0	0.45	0.25
399099		<0.05	<0.05	<0.05	<0.001	64.21	1292.5	<0.01	0.01
399100		<0.05	<0.05	<0.05	<0.001	79.47	1099.0	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153148

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 22d
LOG- 24	PUL- 32	PUL- 32d	SCR- 21
SPL- 21	SPL- 21d	SPLIT- Z	WSH- 22

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153162

Projet: KAN

Bon de commande #: K029

Ce rapport s'applique aux 4 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153162

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
399061		<0.005	<0.5	6.55	<5	300	2.9	<2	0.55	0.6	13	78	46	9.50	20	4.04
399062		0.011	<0.5	6.48	<5	300	2.9	2	0.60	0.6	14	78	44	9.47	20	4.02
399063		<0.005	<0.5	1.09	<5	50	1.0	<2	2.16	1.3	8	29	40	11.55	<10	0.67
399064		0.016	0.5	1.27	<5	60	1.1	<2	2.32	1.7	39	27	86	19.95	10	0.72

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153162

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
399061		20	1.21	367	1	0.05	38	260	31	3.42	<5	11	80	<20	0.23	<10
399062		20	1.23	369	1	0.05	38	240	25	3.39	<5	11	85	<20	0.23	<10
399063		10	1.56	2230	2	0.01	21	270	26	3.09	<5	3	102	<20	0.06	<10
399064		10	1.51	1885	6	0.01	56	180	38	7.35	<5	3	97	<20	0.09	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153162

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399061		<10	232	<10	131	2.37
399062		10	233	<10	139	<0.02
399063		<10	54	<10	117	2.36
399064		<10	46	<10	105	1.69

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153162

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	LOG- 21	LOG- 21d
PUL- 31	PUL- 31d	PUL- QC	SPL- 21
SPL- 21d	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153163

Projet: KAN

Bon de commande #: K029

Ce rapport s'applique aux 15 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153163

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399065		<0.05	<0.05	<0.05	<0.001	21.39	930.7	<0.01	<0.01
399066		<0.05	<0.05	<0.05	<0.001	22.38	1048.5	<0.01	0.01
399067								1.32	
399068		<0.05	<0.05	<0.05	<0.001	27.93	1220.5	<0.01	0.01
399069		<0.05	<0.05	<0.05	<0.001	47.44	1116.0	<0.01	0.01
399070		<0.05	<0.05	<0.05	<0.001	29.98	1046.5	<0.01	0.01
399072								<0.01	
399073		<0.05	<0.05	<0.05	<0.001	41.53	1090.5	<0.01	<0.01
399074		<0.05	<0.05	<0.05	<0.001	28.40	970.4	<0.01	<0.01
399075		<0.05	<0.05	<0.05	<0.001	39.72	1100.0	<0.01	<0.01
399076		<0.05	<0.05	<0.05	<0.001	37.89	1190.5	<0.01	<0.01
399077								17.30	
399078		<0.05	<0.05	<0.05	<0.001	53.28	969.0	0.01	0.01
399079		<0.05	<0.05	<0.05	<0.001	48.52	1007.5	<0.01	<0.01
399080		<0.05	<0.05	<0.05	<0.001	70.30	927.5	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153163

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 24
PUL- 32	SCR- 21	SPL- 21	SPLIT- Z
WSH- 22			

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153166

Projet: KAN

Bon de commande #: K032

Ce rapport s'applique aux 15 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153166

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
399121		0.015		<0.5	8.10	<5	390	2.2	<2	0.17	2.7	15	86	50	5.99	20
399122		0.008		<0.5	7.77	<5	370	2.2	3	0.12	2.8	13	83	48	5.67	20
399123		0.013		<0.5	7.24	140	320	2.6	<2	0.18	<0.5	18	94	34	9.50	20
399124		0.010		<0.5	6.13	<5	240	3.0	<2	0.30	<0.5	19	82	18	13.10	20
399125		0.009		<0.5	5.26	7	250	2.4	2	0.56	<0.5	17	73	22	13.95	20
399126		0.009		<0.5	5.41	9	300	2.3	<2	0.57	0.6	17	90	45	13.90	10
399127		1.320														
399128		0.011		<0.5	5.72	47	200	2.4	2	0.31	<0.5	18	75	22	14.25	20
399134		0.021		1.4	5.71	22	100	1.8	<2	0.14	2.8	37	83	196	22.1	20
399135		0.016		0.6	9.81	<5	270	1.7	2	0.88	1.4	12	126	97	10.60	30
399136		>10.0	16.30													
399137		0.028		0.7	10.30	27	260	1.4	3	0.40	1.7	18	113	80	9.73	20
399138		0.019		0.8	10.90	42	260	1.3	2	0.22	2.2	29	118	79	10.10	30
399139		0.019		0.8	9.38	40	220	1.1	<2	0.60	1.9	23	100	118	10.35	20
399140		0.026		0.7	10.10	41	240	1.3	<2	1.14	2.0	18	98	142	11.05	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153166

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
399121		4.95	20	0.97	296	3	0.03	46	140	10	2.05	<5	11	21	<20	0.26
399122		4.75	20	0.93	275	3	0.03	43	130	10	1.95	<5	11	19	<20	0.25
399123		4.52	30	1.32	1300	1	0.03	55	240	13	2.16	7	12	21	<20	0.29
399124		3.62	20	1.64	2450	<1	0.02	45	230	12	2.10	<5	10	27	<20	0.24
399125		2.59	20	1.90	3110	2	0.02	39	360	8	2.42	<5	9	35	<20	0.21
399126		2.29	20	1.92	1775	5	0.03	52	250	6	3.97	<5	15	34	<20	0.32
399127																
399128		1.53	20	1.93	3760	1	0.04	41	280	9	2.15	<5	10	17	<20	0.22
399134		2.53	10	0.66	133	20	0.09	156	260	35	>10.0	<5	10	18	<20	0.17
399135		4.76	30	0.99	331	10	0.16	83	260	14	6.19	<5	21	52	<20	0.37
399136																
399137		4.40	30	0.78	184	10	0.73	90	240	16	6.14	7	19	48	<20	0.37
399138		4.28	40	0.71	118	10	1.28	100	240	28	7.28	12	21	48	<20	0.42
399139		3.46	30	0.75	231	10	1.68	113	200	26	7.53	5	18	55	<20	0.33
399140		3.79	40	1.06	433	9	1.57	127	240	17	7.73	10	25	72	<20	0.37

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153166

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399121		<10	<10	236	<10	245	2.64
399122		<10	<10	225	<10	240	<0.02
399123		<10	<10	200	<10	165	2.37
399124		10	<10	170	<10	85	2.47
399125		<10	<10	165	<10	97	2.42
399126		<10	<10	237	<10	109	2.68
399127							0.05
399128		<10	<10	163	<10	84	2.63
399134		10	10	221	<10	648	4.28
399135		10	10	170	<10	353	2.67
399136							0.08
399137		<10	10	175	<10	406	2.68
399138		10	10	197	<10	565	2.49
399139		10	10	177	<10	487	2.33
399140		<10	10	184	<10	485	2.79

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153166

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153171

Projet: KAN

Bon de commande #: K032

Ce rapport s'applique aux 5 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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2103 Dollarton Hwy
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153171

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399129		<0.05	<0.05	<0.05	<0.001	44.39	951.6	0.02	0.03
399130		<0.05	<0.05	<0.05	<0.001	68.05	922.2	<0.01	<0.01
399131								<0.01	
399132		<0.05	<0.05	<0.05	<0.001	61.14	968.5	<0.01	<0.01
399133		<0.05	<0.05	<0.05	<0.001	85.37	1092.5	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153171

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	PUL- 32
SCR- 21	SPL- 21	SPLIT- Z	WSH- 22

ALS Canada Ltd.

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 22- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153188

Projet: KAN

Bon de commande #: K009

Ce rapport s'applique à 1 échantillon de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 22- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153188

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397430		<0.5	0.66	<5	10	<0.5	<2	2.51	0.6	5	14	112	19.45	<10	0.10	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 22- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153188

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397430		2.84	5900	3	0.01	28	220	9	4.00	<5	1	72	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 22- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153188

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397430		32	<10	67

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 22- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153188

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada. FND- 02
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153670

Projet: KAN

Bon de commande #: K022

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153670

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398921		0.008		<0.5	6.99	10	300	1.6	<2	0.11	<0.5	19	109	26	8.85	20
398922		0.008		<0.5	7.06	9	300	1.6	<2	0.11	<0.5	18	109	25	8.93	20
398923		0.005		<0.5	6.81	46	210	0.7	<2	5.32	0.9	40	135	123	9.00	20
398924		0.008		<0.5	6.48	63	90	<0.5	<2	5.79	0.9	44	141	106	8.74	20
398925		0.008		<0.5	6.82	75	60	<0.5	<2	5.69	0.5	44	130	152	9.24	20
398926		<0.005		<0.5	6.63	93	70	<0.5	<2	5.85	0.9	51	133	139	9.21	20
398927		1.170														
398928		<0.005		<0.5	6.36	53	220	0.8	<2	4.24	0.7	30	117	82	7.48	20
398929		0.007		<0.5	8.86	7	460	2.3	<2	0.21	<0.5	11	89	36	5.36	20
398930		0.005		<0.5	8.18	29	380	1.9	<2	1.96	<0.5	21	105	57	6.54	20
398931		<0.005														
398932		0.005		<0.5	7.88	52	410	2.0	<2	2.51	0.6	35	115	41	6.82	20
398933		<0.005		<0.5	8.28	<5	330	1.9	<2	0.10	<0.5	11	88	30	6.47	20
398934		<0.005		<0.5	8.37	8	480	2.5	2	0.33	<0.5	12	81	42	5.13	20
398935		<0.005		<0.5	8.84	<5	540	2.7	<2	0.23	<0.5	13	83	37	4.80	20
398936		>10.0	17.75													
398937		<0.005		<0.5	8.46	6	380	2.1	<2	0.11	<0.5	10	82	27	5.60	20
398938		<0.005		<0.5	9.15	10	480	2.4	<2	1.00	<0.5	15	96	36	5.39	20
398939		<0.005		<0.5	10.40	5	580	2.7	<2	0.05	<0.5	16	110	37	5.28	30
398940		<0.005		<0.5	10.05	<5	520	2.2	<2	0.09	<0.5	14	93	39	5.11	30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153670

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398921		2.67	30	1.72	553	5	0.31	58	410	6	0.59	6	12	17	<20	0.35
398922		2.71	30	1.75	566	4	0.30	59	420	6	0.59	7	12	16	<20	0.35
398923		2.35	10	3.61	1120	<1	0.16	85	330	2	0.28	5	38	235	<20	0.62
398924		1.46	<10	3.64	1360	<1	0.99	86	370	5	0.08	<5	39	256	<20	0.66
398925		1.42	<10	4.23	1270	<1	1.01	123	370	4	0.03	<5	40	238	<20	0.63
398926		1.38	<10	4.02	1370	<1	1.04	129	330	4	0.06	<5	40	248	<20	0.64
398927																
398928		2.06	10	2.64	1010	<1	0.56	84	310	2	0.04	<5	30	178	<20	0.50
398929		3.63	30	1.20	203	<1	1.08	30	210	29	0.19	5	11	34	<20	0.29
398930		3.06	20	2.07	605	<1	1.23	62	260	6	0.12	6	19	124	<20	0.38
398931																
398932		3.10	20	2.44	1090	1	0.71	79	410	6	0.15	<5	23	144	<20	0.42
398933		2.36	20	1.15	219	<1	2.16	28	260	2	0.17	<5	10	35	<20	0.23
398934		3.72	20	1.21	331	<1	1.07	33	190	111	0.17	<5	11	38	<20	0.28
398935		4.38	30	1.18	316	<1	0.54	32	190	2	0.17	6	10	38	<20	0.31
398936																
398937		3.02	20	1.26	267	<1	1.76	29	230	<2	0.22	5	10	39	<20	0.28
398938		4.06	40	1.34	964	<1	1.07	40	190	14	0.35	<5	12	85	<20	0.29
398939		5.05	20	1.16	198	<1	0.26	55	150	2	0.42	5	12	29	<20	0.36
398940		5.02	20	1.15	231	<1	0.16	39	180	<2	0.43	9	11	30	<20	0.34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153670

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
398921		<10	<10	200	<10	180	2.09
398922		<10	<10	204	<10	180	<0.02
398923		10	<10	330	<10	141	1.58
398924		<10	<10	326	<10	122	2.29
398925		<10	<10	325	<10	116	2.46
398926		<10	<10	331	<10	104	2.49
398927							0.05
398928		<10	<10	257	<10	95	2.33
398929		<10	<10	83	<10	85	2.24
398930		<10	<10	156	<10	103	2.38
398931							0.13
398932		<10	<10	210	<10	115	2.24
398933		<10	<10	77	<10	85	1.35
398934		<10	<10	76	<10	72	2.25
398935		<10	<10	74	<10	79	2.43
398936							0.10
398937		<10	<10	68	<10	119	1.92
398938		<10	<10	91	<10	101	2.42
398939		<10	<10	80	<10	94	2.49
398940		<10	<10	71	10	89	2.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153670

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153690

Projet: KAN

Bon de commande #: K026

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 22d	Entrée échantillon - Reçu sans code barr
PUL- 32d	Pulverizer Split- Dup 85% < 75um
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153690

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399001		<0.05	<0.05	<0.05	<0.001	108.65	955.6	<0.01	<0.01
399002		<0.05	<0.05	<0.05	<0.001	97.11	881.0	<0.01	<0.01
399003		<0.05	<0.05	<0.05	<0.001	96.48	982.5	<0.01	<0.01
399004		<0.05	<0.05	<0.05	<0.001	70.61	978.4	<0.01	<0.01
399005		<0.05	<0.05	<0.05	<0.001	58.23	1016.5	<0.01	<0.01
399006		<0.05	<0.05	<0.05	<0.001	87.22	1066.5	<0.01	<0.01
399007								1.30	
399008		<0.05	<0.05	<0.05	<0.001	53.29	1098.5	<0.01	<0.01
399009		<0.05	<0.05	<0.05	<0.001	71.29	1044.5	<0.01	<0.01
399010		<0.05	<0.05	<0.05	<0.001	93.20	1071.5	<0.01	<0.01
399011								<0.01	
399012		<0.05	<0.05	<0.05	<0.001	77.61	1021.5	<0.01	0.01
399013		<0.05	<0.05	<0.05	<0.001	120.80	938.1	<0.01	<0.01
399014		<0.05	<0.05	<0.05	<0.001	69.22	996.8	<0.01	<0.01
399015		<0.05	<0.05	<0.05	<0.001	63.15	1041.5	<0.01	<0.01
399016								17.70	
399017		<0.05	<0.05	<0.05	<0.001	63.17	1064.5	<0.01	<0.01
399018		<0.05	<0.05	<0.05	<0.001	70.71	990.2	<0.01	<0.01
399019		<0.05	<0.05	<0.05	<0.001	72.48	1020.5	<0.01	<0.01
399020		<0.05	<0.05	<0.05	<0.001	53.42	1068.0	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153690

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 22d
LOG- 24	PUL- 32	PUL- 32d	SCR- 21
SPL- 21	SPL- 21d	SPLIT- Z	WSH- 22

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153695

Projet: KAN

Bon de commande #: K031

Ce rapport s'applique aux 12 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 22d	Entrée échantillon - Reçu sans code barr
PUL- 32d	Pulverizer Split- Dup 85% < 75um
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153695

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399101		<0.05	<0.05	<0.05	<0.001	38.50	1040.5	<0.01	<0.01
399102		<0.05	<0.05	<0.05	<0.001	81.44	1416.0	<0.01	<0.01
399103		<0.05	<0.05	<0.05	<0.001	48.49	1053.5	<0.01	<0.01
399104		<0.05	<0.05	<0.05	<0.001	75.20	1106.5	<0.01	<0.01
399105		<0.05	<0.05	<0.05	<0.001	37.02	1171.0	0.02	0.03
399106		<0.05	<0.05	<0.05	<0.001	64.41	1010.5	<0.01	0.01
399107								1.35	
399108		0.14	0.92	0.09	0.066	71.46	1108.0	0.07	0.11
399109		<0.05	0.26	<0.05	0.016	60.59	1049.0	0.01	0.02
399110		<0.05	<0.05	<0.05	<0.001	16.49	1104.0	<0.01	<0.01
399111								<0.01	
399112		<0.05	<0.05	<0.05	<0.001	39.61	903.4	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153695

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 22d
LOG- 24	PUL- 32	PUL- 32d	SCR- 21
SPL- 21	SPL- 21d	SPLIT- Z	WSH- 22

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153706

Projet: KAN

Bon de commande #: K031

Ce rapport s'applique aux 8 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153706

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
399113		0.018		<0.5	5.38	<5	240	2.8	<2	0.23	1.1	19	76	54	12.50	20
399114		0.014		<0.5	7.62	9	380	2.0	<2	0.27	2.8	13	79	39	6.90	20
399115		0.019		<0.5	8.06	6	430	2.3	<2	0.16	3.9	15	82	46	6.68	20
399116		>10.0	17.20													
399117		0.017		<0.5	7.23	<5	380	2.3	<2	0.33	1.0	14	78	40	7.12	20
399118		0.008		<0.5	6.29	<5	290	1.8	3	0.98	0.9	18	87	85	11.05	20
399119		0.011		<0.5	7.52	6	370	1.8	<2	0.19	2.7	15	79	69	6.90	20
399120		0.017		<0.5	7.22	7	340	2.0	4	0.16	2.9	15	75	77	6.30	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153706

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
399113		3.55	10	1.04	305	9	0.02	66	210	19	5.24	5	11	26	<20	0.26
399114		4.28	20	0.93	480	5	0.03	44	200	17	2.47	<5	11	29	<20	0.24
399115		4.80	20	0.96	286	4	0.03	47	130	13	2.32	<5	11	21	<20	0.25
399116																
399117		4.35	20	1.13	522	3	0.03	43	140	14	2.11	<5	12	31	<20	0.24
399118		3.85	20	1.43	2230	5	0.02	54	640	17	3.33	5	12	77	<20	0.29
399119		4.52	20	0.92	296	4	0.03	48	130	14	2.60	<5	12	25	<20	0.25
399120		4.33	20	0.92	401	3	0.03	42	140	16	2.17	<5	11	21	<20	0.23

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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plus les pages d'annexe
Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153706

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399113		<10	<10	263	<10	155	3.50
399114		<10	<10	212	<10	258	2.45
399115		10	<10	229	<10	326	2.21
399116							0.10
399117		<10	<10	211	<10	190	2.54
399118		<10	<10	185	<10	189	2.34
399119		<10	<10	207	<10	278	2.64
399120		<10	<10	200	<10	289	2.28

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153706

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153714

Projet: KAN

Bon de commande #: K033

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 13- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153714

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
399141		0.040		0.6	10.15	59	260	1.5	<2	0.30	2.5	24	101	101	10.15	30
399142		0.022		0.6	9.91	55	260	1.5	<2	0.29	2.5	25	99	103	10.00	20
399143		0.006		0.6	9.68	47	260	1.5	<2	0.67	2.2	17	95	147	10.85	30
399144		0.018		0.7	9.55	70	250	1.6	2	0.40	4.4	26	94	174	12.30	20
399145		0.011		0.6	8.36	69	200	1.7	<2	0.55	4.4	22	81	188	12.40	20
399146		0.017		0.8	9.04	101	180	2.8	<2	0.48	4.9	21	86	167	11.75	20
399147		1.305														
399148		0.045		1.8	5.07	139	70	2.1	<2	1.78	15.2	21	74	246	14.65	10
399149		0.034		2.3	3.90	158	70	2.0	<2	1.13	13.2	30	59	270	15.95	10
399150		0.043		2.6	2.47	113	110	1.5	<2	1.18	21.9	8	56	549	17.85	10
399151		<0.005														
399152		0.040		2.4	1.78	146	60	0.9	<2	2.40	11.1	18	50	411	17.55	10
399153		0.047		2.9	2.61	76	110	1.4	<2	1.20	22.7	4	58	504	15.45	10
399154		0.041		1.6	4.11	132	110	1.6	2	3.20	14.2	15	66	340	16.80	10
399155		0.033		1.0	7.50	150	130	1.9	<2	2.15	5.2	22	83	112	13.10	20
399156		>10.0	17.50													
399157		0.074		1.8	5.16	272	50	1.2	<2	2.09	8.4	18	68	109	18.25	10
399158		0.034		0.8	6.09	133	110	1.2	3	4.13	7.0	19	69	119	13.10	20
399159		0.027		0.7	6.03	113	150	1.1	2	5.62	4.2	15	61	111	11.75	20
399160		0.047		1.4	7.16	158	70	1.7	<2	0.62	4.5	20	78	164	13.15	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153714

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
399141		3.97	30	0.68	183	12	1.33	114	240	24	7.88	12	19	48	<20	0.37
399142		3.87	30	0.67	165	12	1.32	113	240	28	7.90	11	18	47	<20	0.36
399143		3.92	30	0.84	344	12	0.97	139	230	21	7.45	8	20	53	<20	0.32
399144		3.77	40	0.64	275	11	1.04	154	270	28	9.54	<5	17	48	<20	0.34
399145		3.54	30	0.69	356	10	0.40	165	230	24	9.48	8	16	45	<20	0.27
399146		3.96	30	0.67	406	19	0.17	156	350	36	9.61	9	16	48	<20	0.30
399147																
399148		2.11	30	1.11	1700	91	0.09	220	1330	67	>10.0	30	9	54	<20	0.14
399149		1.60	30	0.87	1520	102	0.05	260	1580	68	>10.0	23	7	37	<20	0.10
399150		0.88	30	0.77	1325	166	0.02	380	1970	83	>10.0	12	5	38	<20	0.07
399151																
399152		0.45	30	1.45	3470	134	0.02	332	3230	57	>10.0	14	4	57	<20	0.05
399153		1.01	30	0.81	1520	166	0.03	330	2010	68	8.99	11	6	38	<20	0.06
399154		1.62	30	1.49	2460	71	0.16	263	1810	48	>10.0	15	8	73	<20	0.12
399155		3.16	30	1.24	742	26	0.34	141	290	51	>10.0	12	13	75	<20	0.20
399156																
399157		2.26	30	1.06	518	31	0.14	208	460	88	>10.0	27	10	59	<20	0.12
399158		2.49	30	1.92	880	18	0.44	155	180	37	>10.0	11	13	90	<20	0.18
399159		2.23	30	2.47	997	17	0.95	141	230	37	9.50	12	11	115	<20	0.20
399160		3.26	30	0.52	177	24	0.15	178	250	57	>10.0	14	12	39	<20	0.16

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153714

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399141		10	10	203	<10	595	2.53
399142		10	10	198	<10	577	<0.02
399143		10	10	184	<10	548	2.47
399144		10	10	182	<10	1055	2.80
399145		<10	10	161	<10	994	2.23
399146		<10	10	268	<10	911	2.49
399147							0.04
399148		10	40	844	<10	2550	2.54
399149		<10	40	956	<10	2160	2.52
399150		<10	70	1490	<10	3470	2.29
399151							0.25
399152		<10	50	993	<10	1695	2.55
399153		<10	70	1545	<10	3460	2.45
399154		<10	40	744	<10	2360	2.98
399155		10	20	319	<10	945	2.73
399156							0.09
399157		<10	20	304	<10	1690	2.84
399158		<10	10	198	<10	1460	2.86
399159		10	10	192	<10	828	2.73
399160		<10	20	262	<10	932	2.48

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153714

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 21d	LOG- 23	PUL- 31
	PUL- 31d	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153717

Projet: KAN

Bon de commande #: K034

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153717

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
399161		0.034		1.0	4.02	212	120	1.1	<2	5.38	3.6	13	51	58	13.20	10
399162		0.035		1.0	4.00	208	120	1.1	<2	5.21	3.7	12	50	55	12.75	10
399163		0.084		1.8	4.47	301	50	1.5	2	0.26	5.1	23	61	62	17.35	10
399164		0.028		2.0	2.34	169	80	0.8	2	2.18	8.0	15	51	327	16.60	10
399165		0.047		1.7	4.92	154	60	1.8	<2	1.56	11.5	17	72	222	14.00	10
399166		0.031		2.1	4.21	145	60	1.6	<2	1.39	11.7	15	62	216	14.55	10
399167		1.240														
399168		0.030		1.2	6.59	155	70	2.3	<2	1.41	7.3	21	74	146	13.70	20
399169		0.032		1.5	5.81	192	50	2.0	2	1.88	8.4	19	67	107	14.15	20
399170		0.049		1.9	3.11	165	90	1.2	<2	1.66	10.2	16	53	241	13.50	10
399171		0.008														
399172		0.043		2.2	4.32	208	40	1.7	<2	1.01	11.8	20	63	147	15.25	10
399173		0.028		3.1	2.56	114	90	1.1	3	2.37	15.2	23	50	501	18.15	10
399174		0.081		3.9	2.51	113	100	1.2	4	1.75	33.5	24	57	380	15.60	10
399175		0.046		1.9	5.82	226	50	2.2	<2	0.83	7.5	19	68	108	14.05	10
399176		>10.0	17.00													
399177		0.043		1.6	2.76	111	100	1.2	<2	1.98	21.4	21	49	292	13.85	10
399178		0.036		1.4	5.26	185	50	2.0	<2	3.05	5.9	13	63	70	12.40	10
399179		0.038		1.5	6.84	190	70	2.6	<2	0.91	6.5	16	74	105	13.25	20
399180		0.034		1.5	6.89	183	80	2.6	<2	2.03	5.0	17	74	87	12.95	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153717

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
399161		1.66	20	2.62	1030	38	0.23	130	220	45	>10.0	16	8	99	<20	0.10
399162		1.65	20	2.53	976	37	0.22	126	200	42	>10.0	15	8	95	<20	0.09
399163		1.92	20	0.40	117	56	0.11	168	230	89	>10.0	23	9	24	<20	0.08
399164		0.85	20	1.05	1360	97	0.04	275	1910	49	>10.0	9	5	53	<20	0.07
399165		2.14	30	0.84	922	83	0.11	250	990	60	>10.0	14	9	56	<20	0.12
399166		1.59	30	0.91	1010	72	0.11	218	1340	47	>10.0	13	7	47	<20	0.10
399167																
399168		2.86	30	0.90	595	34	0.27	170	250	51	>10.0	7	12	52	<20	0.17
399169		2.48	30	1.09	762	34	0.23	170	390	56	>10.0	9	10	59	<20	0.15
399170		1.34	20	0.79	1350	65	0.08	212	1070	52	>10.0	10	5	46	<20	0.08
399171																
399172		1.83	30	0.62	821	81	0.16	211	860	71	>10.0	17	8	41	<20	0.10
399173		1.07	30	1.06	2470	117	0.10	341	2270	60	>10.0	7	5	63	<20	0.07
399174		1.15	30	0.76	1955	155	0.06	284	2080	61	>10.0	12	5	50	<20	0.06
399175		2.58	30	0.59	552	34	0.22	155	480	67	>10.0	22	9	38	<20	0.11
399176																
399177		1.18	20	0.86	1830	64	0.09	204	1150	28	>10.0	6	5	51	<20	0.07
399178		2.42	30	1.51	1160	23	0.13	120	360	51	>10.0	11	9	72	<20	0.11
399179		3.22	30	0.62	533	24	0.15	161	480	56	>10.0	15	10	42	<20	0.14
399180		3.24	30	1.17	793	20	0.15	146	340	59	>10.0	19	12	61	<20	0.15

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153717

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399161		<10	20	332	<10	665	2.54
399162		<10	20	328	<10	671	<0.02
399163		<10	20	428	<10	921	2.80
399164		<10	40	831	<10	1350	2.61
399165		<10	30	809	<10	2010	2.18
399166		<10	30	704	<10	2060	2.64
399167							0.04
399168		<10	20	408	<10	1320	2.39
399169		10	20	426	<10	1460	2.31
399170		<10	30	592	<10	1765	2.32
399171							0.26
399172		<10	30	743	<10	2050	2.57
399173		<10	50	1040	<10	2570	2.21
399174		<10	70	1345	<10	5630	2.86
399175		<10	20	359	<10	1200	2.73
399176							0.09
399177		<10	30	479	<10	3620	2.48
399178		10	20	276	<10	954	2.02
399179		10	20	293	<10	1060	2.71
399180		10	10	284	<10	796	2.37

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153717

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 21d	LOG- 23	PUL- 31
	PUL- 31d	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153722

Projet: KAN

Bon de commande #: K035

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153722

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
399181		0.046		2.2	7.01	251	40	2.9	<2	1.17	7.4	22	82	90	14.90	20
399182		0.043		2.3	6.92	249	40	2.9	<2	1.15	7.0	22	81	91	14.90	20
399183		0.047		3.6	4.48	89	40	2.3	<2	1.62	22.6	8	79	317	15.35	10
399184		0.030		1.9	3.26	36	90	1.4	<2	1.78	12.0	19	59	229	13.65	10
399185		0.064		2.3	2.34	27	90	1.2	<2	2.03	12.9	12	60	382	13.35	10
399186		0.015		1.0	4.10	13	160	2.2	<2	1.46	6.2	8	73	293	11.50	10
399187		1.340														
399188		0.026		2.3	2.56	27	100	1.3	<2	2.23	14.5	17	53	285	13.45	10
399189		0.032		2.1	2.30	85	90	1.2	<2	1.96	16.3	49	50	319	15.40	10
399190		0.034		2.3	2.38	<5	130	1.5	<2	1.65	14.6	3	62	253	10.20	10
399191		<0.005														
399192		0.032		2.6	2.71	6	80	1.7	2	1.93	14.0	5	58	333	14.15	10
399193		0.017		1.1	0.73	29	30	<0.5	<2	3.14	3.0	17	38	184	12.10	<10
399194		0.026		1.7	1.88	38	80	1.0	<2	3.20	2.3	37	44	416	18.45	10
399195		0.006		1.1	4.67	38	60	2.0	<2	2.03	<0.5	18	65	307	16.60	10
399196		>10.0	17.35													
399197		0.013		0.6	3.21	11	170	1.7	<2	0.25	<0.5	13	60	95	7.14	10
399198		0.016		1.0	2.35	28	50	0.8	<2	6.42	0.6	14	46	101	15.50	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153722

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
399181		3.32	30	0.81	506	48	0.15	186	470	84	>10.0	38	13	46	<20	0.15
399182		3.28	30	0.80	498	46	0.15	186	450	80	>10.0	33	12	45	<20	0.16
399183		2.05	30	0.95	1320	111	0.08	255	1500	59	>10.0	20	9	55	<20	0.10
399184		1.10	30	1.52	1900	68	0.04	187	2660	35	7.49	9	6	58	<20	0.06
399185		0.83	30	1.36	2080	70	0.03	204	2280	45	7.74	10	5	63	<20	0.05
399186		1.71	30	1.10	1340	24	0.06	199	1700	22	6.26	<5	8	53	<20	0.12
399187																
399188		0.92	20	1.46	2080	102	0.03	215	2280	61	7.49	<5	5	71	<20	0.06
399189		0.88	20	1.22	1760	68	0.05	234	1980	54	>10.0	5	5	61	<20	0.05
399190		1.05	30	1.03	1460	93	0.03	174	2390	54	5.36	7	5	55	<20	0.06
399191																
399192		1.21	30	1.14	1570	115	0.04	236	2780	64	7.92	10	6	67	<20	0.06
399193		0.25	10	2.87	3580	40	0.01	100	620	27	6.52	<5	1	103	<20	0.02
399194		0.74	20	1.96	3050	67	0.03	219	860	47	>10.0	9	4	104	<20	0.06
399195		1.71	30	1.85	1560	18	0.08	167	2130	24	9.59	5	10	74	<20	0.13
399196																
399197		1.47	20	0.31	212	16	0.07	65	300	14	4.43	<5	7	19	<20	0.11
399198		0.44	20	3.94	3090	16	0.02	48	640	15	7.96	<5	7	155	<20	0.11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153722

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399181		10	20	536	<10	1125	2.96
399182		10	20	515	<10	1115	<0.02
399183		<10	40	1450	<10	3030	2.84
399184		<10	30	812	<10	1825	2.54
399185		<10	30	787	<10	1975	2.67
399186		<10	20	355	<10	1025	2.32
399187							0.04
399188		<10	40	1090	<10	2340	2.33
399189		10	30	762	<10	2590	2.53
399190		<10	40	1060	<10	2390	2.49
399191							0.24
399192		<10	50	1275	<10	2260	2.67
399193		<10	10	384	<10	433	2.32
399194		<10	30	679	<10	210	2.90
399195		<10	10	341	<10	61	2.54
399196							0.07
399197		<10	<10	139	<10	30	2.34
399198		<10	<10	136	<10	67	2.30

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Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153722

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153726

Projet: KAN

Bon de commande #: K035

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153726

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399199		<0.05	<0.05	<0.05	<0.001	33.67	990.6	<0.01	<0.01
399200		<0.05	<0.05	<0.05	<0.001	23.20	1035.0	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153726

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	PUL- 32
SCR- 21	SPL- 21	SPLIT- Z	WSH- 22

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153728

Projet: KAN

Bon de commande #: K036

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 22d	Entrée échantillon - Reçu sans code barr
PUL- 32d	Pulverizer Split- Dup 85% < 75um
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

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***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153728

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399201		<0.05	<0.05	<0.05	<0.001	28.94	1146.0	0.03	0.02
399202		<0.05	<0.05	<0.05	<0.001	44.62	1001.0	0.02	0.03
399203		<0.05	<0.05	<0.05	<0.001	34.70	1026.5	0.01	0.02
399204		<0.05	<0.05	<0.05	<0.001	35.88	1149.0	<0.01	<0.01
399205		<0.05	<0.05	<0.05	<0.001	39.65	1116.5	<0.01	<0.01
399206		<0.05	<0.05	<0.05	<0.001	31.04	1056.5	<0.01	0.02
399207								1.34	
399208		<0.05	<0.05	<0.05	<0.001	40.50	1151.0	0.01	0.02
399209		<0.05	<0.05	<0.05	<0.001	30.79	1219.5	0.01	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153728

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 22d
LOG- 24	PUL- 32	PUL- 32d	SCR- 21
SPL- 21	SPL- 21d	SPLIT- Z	WSH- 22

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153759

Projet: KAN

Bon de commande #: K036

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153759

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
399210		0.016		0.9	5.81	13	210	2.0	<2	1.73	2.6	10	67	233	14.35	20
399211		<0.005														
399212		0.009		1.0	8.05	50	250	2.3	2	0.23	8.0	22	86	104	10.70	20
399213		0.078		2.4	5.64	168	90	1.6	<2	0.79	14.8	25	72	50	16.40	10
399214		0.054		2.5	5.19	152	90	1.5	<2	0.86	13.2	17	64	55	14.65	10
399215		0.062		3.2	5.58	173	90	1.6	2	0.62	21.5	19	70	73	16.75	10
399216		>10.0	16.95													
399217		0.088		3.1	4.66	167	90	1.3	<2	1.67	35.2	17	60	76	16.40	10
399218		0.086		2.9	4.42	153	70	1.4	<2	1.08	16.4	23	62	96	16.65	10
399219		0.036		1.8	3.05	130	110	1.0	<2	5.09	11.4	15	48	102	14.50	10
399220		0.056		2.1	2.78	47	140	1.1	<2	0.57	21.7	28	58	277	15.25	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153759

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
399210		2.60	30	1.05	942	23	0.12	157	370	18	7.85	<5	12	75	<20	0.14
399211																
399212		3.56	30	0.45	128	16	0.16	103	210	71	8.36	7	14	36	<20	0.23
399213		2.51	30	0.61	260	39	0.12	141	480	270	>10.0	19	10	42	<20	0.13
399214		2.31	30	0.64	242	39	0.09	136	570	342	>10.0	14	9	41	<20	0.13
399215		2.41	30	0.62	203	35	0.09	165	390	1405	>10.0	12	10	37	<20	0.13
399216																
399217		2.03	20	1.02	432	32	0.08	165	420	924	>10.0	18	9	59	<20	0.11
399218		2.03	20	0.73	300	58	0.07	171	400	571	>10.0	20	9	44	<20	0.10
399219		1.30	20	2.55	1535	57	0.06	158	570	311	>10.0	20	8	129	<20	0.09
399220		1.30	30	0.45	261	191	0.04	309	1000	129	9.96	5	7	33	<20	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153759

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399210		<10	10	256	<10	366	4.02
399211							0.19
399212		<10	10	208	<10	925	2.89
399213		<10	20	371	<10	1570	3.18
399214		<10	20	371	<10	1340	2.36
399215		10	20	353	<10	2100	2.74
399216							0.07
399217		<10	20	323	<10	3340	2.66
399218		10	20	500	<10	1520	2.68
399219		10	20	498	<10	1170	1.85
399220		<10	70	1710	<10	3000	2.66

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153759

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153766

Projet: KAN

Bon de commande #: K037

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153766

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399224		<0.05	0.43	<0.05	0.020	46.40	1047.0	0.04	0.01
399225		<0.05	<0.05	<0.05	<0.001	37.32	1079.0	<0.01	0.01
399226		<0.05	<0.05	<0.05	<0.001	49.01	1021.5	<0.01	0.01
399227								1.31	
399228		<0.05	<0.05	<0.05	<0.001	52.38	994.8	<0.01	<0.01
399235		<0.05	<0.05	<0.05	<0.001	84.60	962.5	<0.01	<0.01
399236								17.70	
399237		<0.05	<0.05	<0.05	<0.001	79.56	918.0	<0.01	0.02
399238		<0.05	<0.05	<0.05	<0.001	83.07	1064.0	<0.01	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153766

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 24
PUL- 32	SCR- 21	SPL- 21	SPLIT- Z
WSH- 22			

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153777

Projet: KAN

Bon de commande #: K037

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153777

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
399221		0.033	1.5	2.75	15	150	1.2	<2	3.47	10.2	10	60	185	11.25	10	1.34
399222		0.037	1.7	2.80	14	150	1.2	<2	3.41	10.2	13	60	197	11.40	10	1.36
399223		0.040	0.9	3.17	16	180	1.3	2	2.97	12.7	4	46	156	9.62	10	1.40
399229		0.011	<0.5	0.71	161	10	<0.5	<2	4.19	0.6	6	24	82	12.25	<10	0.07
399230		0.046	1.6	3.54	11	150	1.4	<2	0.64	<0.5	78	63	176	23.9	10	1.44
399231		<0.005														
399232		0.080	2.1	5.02	<5	170	1.9	<2	0.05	2.3	19	60	232	24.0	20	2.50
399233		0.074	2.1	4.33	<5	100	1.6	<2	0.09	1.6	10	68	256	27.1	10	2.07
399234		0.051	1.8	2.97	<5	100	1.2	<2	0.61	1.2	50	53	258	26.3	10	1.16
399239		0.051	1.6	3.76	6	150	1.5	<2	0.54	4.1	21	66	207	21.8	10	1.77
399240		0.073	1.8	5.16	10	180	1.9	<2	0.07	5.6	41	67	159	19.00	20	2.64

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153777

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
399221		30	1.69	2470	157	0.04	233	2340	64	6.37	<5	7	116	<20	0.09	<10
399222		30	1.68	2420	159	0.04	235	2380	65	6.55	5	7	116	<20	0.09	<10
399223		20	1.59	2010	83	0.05	198	1430	48	5.17	7	7	95	<20	0.08	<10
399229		10	2.64	6050	1	<0.01	35	310	6	3.84	<5	3	149	<20	0.01	<10
399230		20	1.25	1180	14	0.04	96	400	31	>10.0	17	9	30	<20	0.10	<10
399231																
399232		30	0.57	288	19	0.06	117	200	48	>10.0	15	9	12	<20	0.12	<10
399233		20	0.63	308	14	0.05	136	210	52	>10.0	16	9	13	<20	0.10	<10
399234		20	1.13	1140	15	0.03	121	310	39	>10.0	15	8	31	<20	0.08	<10
399239		20	0.77	906	16	0.04	105	240	85	>10.0	11	8	28	<20	0.11	<10
399240		20	0.58	262	19	0.05	89	270	94	>10.0	10	10	14	<20	0.15	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153777

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399221		70	1485	<10	1420	1.88
399222		70	1495	<10	1400	<0.02
399223		30	873	<10	1760	1.85
399229		<10	26	<10	63	3.08
399230		<10	127	<10	101	2.17
399231						0.16
399232		10	223	<10	750	2.43
399233		<10	128	<10	648	2.44
399234		<10	100	<10	395	1.89
399239		<10	127	<10	1030	2.57
399240		10	208	<10	1480	2.78

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 3- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153777

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	PUL- 31	PUL- 31d	SPL- 21
SPL- 21d	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153782

Projet: KAN

Bon de commande #: K038

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153782

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
399241		0.102	2.8	5.19	10	50	1.8	<2	0.26	7.0	49	85	261	24.1	20	2.64
399242		0.093	2.9	5.24	9	50	1.9	<2	0.25	6.8	52	86	270	25.0	20	2.71
399243		0.071	2.3	5.62	<5	60	2.0	<2	0.06	7.0	20	80	185	20.4	20	2.83
399244		0.051	2.0	5.59	<5	80	2.0	<2	0.14	4.1	28	77	206	22.8	20	2.86
399245		0.075	2.2	4.18	<5	50	1.6	<2	1.30	11.1	26	64	218	25.1	10	1.86
399246		0.039	1.6	3.90	<5	40	1.7	<2	0.26	0.7	77	72	176	21.3	10	1.82
399247		1.285														
399248		0.025	1.0	4.32	37	80	1.0	<2	0.08	<0.5	8	89	145	19.70	10	0.79
399258		0.010	2.1	5.92	15	110	2.0	<2	0.08	<0.5	18	85	217	21.5	20	2.23
399259		0.018	1.2	7.98	19	250	2.7	<2	2.19	<0.5	10	89	103	12.55	30	3.32
399260		0.008	1.9	6.69	14	160	2.4	<2	0.64	3.4	10	87	229	16.50	20	3.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153782

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
399241		20	0.70	366	19	0.06	120	180	67	>10.0	24	10	22	<20	0.12	<10
399242		20	0.71	370	20	0.06	124	190	68	>10.0	19	11	22	<20	0.12	<10
399243		30	0.63	178	22	0.06	106	220	57	>10.0	16	9	14	<20	0.13	<10
399244		30	0.68	296	19	0.07	117	250	46	>10.0	13	9	19	<20	0.12	<10
399245		20	1.40	1440	23	0.05	123	250	50	>10.0	16	8	57	<20	0.09	<10
399246		20	0.69	691	15	0.05	93	170	32	>10.0	8	7	19	<20	0.08	<10
399247																
399248		20	2.68	444	7	0.02	89	290	9	9.11	7	9	8	<20	0.06	<10
399258		20	1.18	319	19	0.08	127	250	28	>10.0	12	11	16	<20	0.12	<10
399259		50	1.82	1030	10	0.16	66	300	27	6.29	5	17	86	<20	0.23	10
399260		30	0.78	381	14	0.13	115	240	27	9.75	<5	13	38	<20	0.15	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153782

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399241		10	185	<10	1770	2.91
399242		10	191	<10	1830	<0.02
399243		10	246	<10	1570	2.73
399244		10	253	<10	1005	2.61
399245		10	159	<10	2070	2.55
399246		<10	125	<10	88	2.55
399247						0.05
399248		<10	177	<10	165	2.53
399258		10	217	<10	70	3.08
399259		<10	132	<10	59	2.29
399260		10	162	<10	509	2.43

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153782

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	LOG- 23	PUL- 31	PUL- 31d
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16153783

Projet: KAN

Bon de commande #: K038

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153783

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399249		<0.05	<0.05	<0.05	<0.001	29.20	1016.0	0.01	0.01
399250		<0.05	<0.05	<0.05	<0.001	24.86	1072.0	<0.01	<0.01
399251								0.01	
399252		<0.05	<0.05	<0.05	<0.001	25.51	981.6	<0.01	<0.01
399253		0.15	1.13	0.11	0.045	39.87	1030.0	0.16	0.06
399254		0.15	5.06	0.07	0.094	18.58	1049.0	0.08	0.05
399255		<0.05	<0.05	<0.05	<0.001	20.51	1055.5	0.07	0.01
399256								17.70	
399257		<0.05	0.26	<0.05	0.006	23.36	1089.0	0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153783

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 24
PUL- 32	SCR- 21	SPL- 21	SPLIT- Z
WSH- 22			

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153788

Projet: KAN

Bon de commande #: K039

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153788

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
399261		0.015		0.7	9.44	6	290	3.1	<2	0.31	2.1	7	109	94	8.40	30
399262		0.007		0.7	10.00	8	310	3.3	<2	0.33	2.6	8	114	103	8.88	30
399263		0.013		0.7	10.90	7	360	3.7	<2	0.40	2.9	7	118	108	9.22	30
399264		0.013		0.7	8.93	6	300	3.4	2	0.18	3.3	5	98	144	10.15	20
399265		0.034		1.9	3.88	66	70	2.0	3	2.09	20.8	32	60	171	14.80	10
399266		0.044		2.6	3.55	43	70	2.0	<2	1.66	16.6	23	56	214	14.55	10
399267		1.285														
399268		0.036		2.6	1.64	105	60	0.9	<2	2.82	8.4	27	46	239	18.25	10
399269		0.051		2.7	2.14	55	110	1.6	<2	1.65	20.5	<1	53	344	15.75	10
399270		0.037		2.6	1.97	310	100	1.4	<2	2.21	13.0	25	49	250	15.60	10
399271		<0.005														
399272		0.034		<0.5	0.04	<5	200	<0.5	3	17.3	<0.5	<1	4	1	0.37	<10
399273		0.037		2.1	2.09	163	100	1.6	<2	2.16	13.9	10	46	250	14.60	10
399274		0.046		2.3	1.72	217	80	1.3	2	2.06	11.0	26	48	382	16.35	10
399275		0.048		2.9	2.24	185	60	2.2	2	1.40	24.3	24	56	390	16.90	10
399276		>10.0	18.05													
399277		0.035		2.2	1.81	251	90	1.5	<2	2.09	16.8	32	49	310	15.50	10
399278		0.034		2.2	1.86	363	90	1.4	<2	2.24	13.6	30	55	368	15.70	10
399279		0.030		2.0	1.92	269	80	1.4	<2	3.16	12.7	45	51	414	16.75	10
399280		0.015		2.0	2.56	45	130	2.0	2	1.04	20.5	8	50	418	14.10	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153788

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
399261		4.34	50	0.71	214	12	0.21	70	370	12	4.29	5	19	36	<20	0.39
399262		4.59	50	0.77	225	12	0.22	76	400	15	4.59	<5	20	39	<20	0.40
399263		4.84	40	0.80	314	12	0.42	79	280	17	4.66	<5	20	52	<20	0.42
399264		4.00	30	0.59	289	12	0.26	96	250	15	5.24	6	15	38	<20	0.25
399265		1.71	30	1.03	1945	100	0.12	144	1240	55	>10.0	8	7	60	<20	0.10
399266		1.66	30	0.88	2100	123	0.05	175	1570	68	9.01	22	7	53	<20	0.08
399267																
399268		0.55	30	1.70	4660	114	0.02	228	3310	74	>10.0	17	3	66	<20	0.05
399269		0.96	30	0.94	2600	160	0.02	282	2670	74	8.85	25	4	44	<20	0.05
399270		0.77	30	1.39	3740	127	0.02	247	3200	70	9.41	20	5	51	<20	0.05
399271																
399272		0.01	<10	12.95	414	<1	0.02	2	20	4	0.02	6	<1	111	<20	<0.01
399273		0.87	30	1.32	3430	130	0.03	253	2550	68	8.88	18	5	48	<20	0.05
399274		0.63	20	1.34	3610	118	0.02	290	3010	71	10.0	15	4	48	<20	0.04
399275		1.01	30	0.85	2280	145	0.03	317	2520	89	>10.0	18	5	37	<20	0.06
399276																
399277		0.67	30	1.24	3110	134	0.02	250	3320	70	>10.0	18	4	48	<20	0.05
399278		0.65	30	1.34	3220	141	0.02	249	3600	62	9.80	14	4	48	<20	0.05
399279		0.67	30	1.71	4910	123	0.02	287	3420	63	>10.0	15	4	61	<20	0.06
399280		1.20	30	0.67	1585	175	0.03	295	1320	61	8.51	15	6	31	<20	0.06

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153788

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399261		<10	10	155	<10	382	2.59
399262		<10	10	164	<10	427	<0.02
399263		10	10	195	<10	483	2.41
399264		10	10	205	<10	555	2.52
399265		10	50	865	<10	3360	2.84
399266		<10	50	1245	<10	2720	2.11
399267							0.05
399268		<10	40	827	<10	1295	2.73
399269		<10	70	1305	<10	3250	1.99
399270		10	50	1210	<10	2010	2.14
399271							0.22
399272		<10	<10	5	<10	47	2.80
399273		10	50	1095	<10	2150	2.12
399274		<10	50	1030	<10	1695	2.60
399275		<10	60	1360	<10	3810	1.68
399276							0.07
399277		<10	60	1150	<10	2620	2.04
399278		<10	50	1120	<10	2060	2.16
399279		<10	50	986	<10	2000	2.37
399280		<10	80	1645	<10	3170	2.13

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153788

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 21d	LOG- 23	PUL- 31
	PUL- 31d	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16153801

Projet: KAN

Bon de commande #: K040

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 4- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153801

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
399281		0.037		2.6	2.69	75	140	2.0	<2	1.17	19.4	1	51	626	15.90	10
399282		0.084		2.7	2.71	83	140	2.0	<2	1.12	19.5	3	53	686	16.30	10
399283		0.013		1.4	1.25	349	20	<0.5	<2	3.83	5.6	20	47	382	16.20	10
399284		0.078		2.5	2.31	70	80	1.1	<2	1.94	16.7	15	50	466	15.20	10
399285		0.083		2.6	2.30	56	70	1.1	<2	2.05	17.9	10	51	393	14.75	10
399286		0.051		3.1	2.49	104	100	1.4	<2	1.55	22.7	25	59	436	15.40	10
399287		1.230														
399288		0.075		3.2	2.07	20	70	1.0	<2	2.49	18.9	4	49	489	15.80	10
399289		0.058		2.4	2.69	25	90	1.3	<2	2.39	16.3	3	51	534	15.95	10
399290		0.083		1.4	4.27	75	140	1.8	<2	3.11	11.3	13	61	333	13.85	10
399291		<0.005														
399292		0.074		2.3	3.87	142	100	1.6	<2	1.84	11.8	16	58	326	16.25	10
399293		0.069		2.1	3.64	120	110	1.4	<2	2.24	18.7	13	60	426	15.50	10
399294		0.055		1.7	6.03	155	100	1.8	<2	1.62	6.3	16	70	139	12.85	20
399295		0.029		1.3	7.47	101	190	1.6	<2	1.29	4.8	20	81	125	10.95	20
399296		>10.0	NSS													
399297		0.042		1.2	8.64	68	220	1.7	2	0.57	4.8	22	90	155	10.60	20
399298		0.040		1.5	7.03	48	180	1.4	<2	0.83	5.3	15	76	263	11.80	20
399299		0.071		1.8	6.54	174	90	1.9	<2	1.25	6.0	19	76	134	13.95	20
399300		0.034		1.4	5.53	173	100	1.4	<2	3.31	7.4	15	68	82	14.00	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153801

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
399281		1.16	40	0.76	1615	154	0.03	347	2070	70	9.46	19	7	32	<20	0.08
399282		1.17	30	0.74	1535	155	0.03	356	2040	70	9.80	17	7	33	<20	0.08
399283		0.15	20	2.22	5140	98	0.01	261	4540	44	9.52	14	4	67	<20	0.04
399284		0.75	30	1.23	2420	115	0.02	283	2670	68	9.37	19	6	43	<20	0.07
399285		0.68	30	1.30	2500	104	0.02	264	3170	64	8.71	17	5	45	<20	0.07
399286		0.93	40	0.90	1780	136	0.03	274	2480	80	>10.0	17	6	41	<20	0.07
399287																
399288		0.66	30	1.34	2910	137	0.02	324	3240	81	8.76	19	6	51	<20	0.06
399289		0.95	30	1.20	2170	103	0.07	330	2120	57	9.16	11	6	53	<20	0.07
399290		1.79	30	1.44	2320	53	0.17	207	1320	35	10.0	11	9	72	<20	0.12
399291																
399292		1.50	30	0.94	1295	83	0.15	265	1270	64	>10.0	22	9	54	<20	0.12
399293		1.45	30	1.08	1660	86	0.15	265	1400	61	>10.0	18	8	59	<20	0.09
399294		2.58	30	0.94	720	40	0.22	151	570	65	>10.0	15	11	54	<20	0.16
399295		3.17	30	0.89	436	30	0.20	121	450	45	9.58	11	15	56	<20	0.23
399296																
399297		3.66	40	0.62	330	28	0.36	125	540	38	8.62	9	17	50	<20	0.30
399298		3.01	30	0.66	452	31	0.18	166	650	28	8.64	6	14	46	<20	0.22
399299		2.80	30	0.79	606	36	0.28	164	670	75	>10.0	18	11	50	<20	0.17
399300		2.15	20	1.69	1145	29	0.31	139	380	52	>10.0	17	12	83	<20	0.14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 4- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153801

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
399281		<10	60	1600	<10	3000	1.84
399282		<10	60	1630	<10	3040	<0.02
399283		<10	30	741	<10	895	2.53
399284		<10	50	1055	<10	2720	2.21
399285		<10	50	1010	<10	2960	2.00
399286		<10	60	1275	<10	3700	2.36
399287							0.06
399288		<10	60	1140	<10	3130	2.31
399289		<10	50	960	<10	2770	2.00
399290		<10	30	509	<10	1940	2.60
399291							0.20
399292		<10	40	836	<10	2070	2.75
399293		10	40	869	<10	3090	1.65
399294		10	20	465	<10	1180	2.55
399295		10	10	337	<10	948	3.17
399296							0.08
399297		<10	20	296	<10	987	2.69
399298		10	20	347	<10	1080	2.02
399299		10	20	366	<10	1100	2.11
399300		<10	20	303	<10	1370	2.54

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 4- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16153801

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.

Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16154751

Projet: KAN

Bon de commande #: K010

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 14- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16154751

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397431		0.8	0.44	<5	20	<0.5	<2	2.76	<0.5	<1	16	57	19.15	<10	0.08	10
397432		<0.5	0.44	6	20	<0.5	3	2.82	<0.5	<1	14	55	19.40	<10	0.08	10
397433		<0.5	0.25	<5	10	<0.5	3	2.20	<0.5	<1	14	16	16.25	<10	0.07	<10
397434		<0.5	0.41	<5	20	<0.5	3	3.27	<0.5	<1	14	29	15.55	<10	0.13	<10
397435		<0.5	0.20	99	10	<0.5	<2	3.95	<0.5	2	8	8	21.6	<10	0.08	10
397436		<0.5	0.19	6	10	<0.5	<2	7.76	<0.5	<1	10	8	16.55	<10	0.08	<10
397438		<0.5	0.29	7	10	<0.5	4	6.76	<0.5	<1	11	32	17.70	<10	0.09	10
397439		<0.5	0.46	<5	20	<0.5	6	4.29	<0.5	1	8	27	20.6	<10	0.15	10
397440		<0.5	0.52	<5	30	<0.5	<2	7.11	<0.5	<1	10	30	18.80	<10	0.23	<10
397442		<0.5	0.27	61	20	<0.5	<2	1.50	<0.5	5	12	19	24.1	<10	0.12	10
397443		<0.5	0.30	35	20	<0.5	2	1.06	<0.5	2	17	21	25.3	<10	0.15	10
397444		<0.5	0.27	25	10	<0.5	<2	1.40	<0.5	1	20	26	20.9	<10	0.08	10
397445		<0.5	0.18	<5	20	<0.5	<2	1.46	<0.5	4	11	69	27.3	<10	0.10	<10
397447		1.2	0.67	19	80	<0.5	<2	2.96	<0.5	4	28	43	15.25	<10	0.30	<10
397448		<0.5	1.11	<5	40	<0.5	<2	2.05	<0.5	6	31	6	20.3	<10	0.23	10
397449		<0.5	0.71	6	30	<0.5	6	3.11	<0.5	6	22	16	17.65	<10	0.13	10
397450		<0.5	0.76	43	30	<0.5	<2	1.97	<0.5	7	21	16	22.0	<10	0.26	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16154751

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397431		3.13	5390	1	0.01	10	240	4	2.17	<5	1	66	<20	0.01	<10	<10
397432		3.17	5480	1	0.01	11	240	4	2.12	<5	1	66	<20	0.01	10	<10
397433		3.09	4670	<1	0.01	<1	130	<2	0.88	<5	<1	53	<20	<0.01	10	<10
397434		2.96	4980	<1	0.01	5	60	<2	1.17	<5	<1	86	<20	<0.01	<10	<10
397435		3.74	9280	<1	0.01	<1	410	4	0.46	<5	<1	85	<20	0.01	10	<10
397436		3.79	8110	1	0.01	<1	370	4	0.64	<5	<1	166	<20	0.01	10	<10
397438		3.49	5780	<1	0.01	6	270	2	1.77	<5	<1	121	<20	0.01	<10	<10
397439		3.66	6300	<1	0.01	4	160	2	1.41	<5	<1	106	<20	0.01	<10	<10
397440		3.90	7940	<1	0.01	4	220	6	1.66	<5	1	167	<20	0.01	<10	<10
397442		3.45	9430	<1	<0.01	<1	350	4	1.26	<5	1	35	<20	0.02	<10	<10
397443		3.54	10650	<1	<0.01	1	430	4	1.30	<5	1	24	<20	0.04	10	<10
397444		2.53	8080	1	<0.01	3	450	3	1.45	<5	<1	39	<20	0.02	10	<10
397445		3.43	10500	1	<0.01	8	310	5	2.75	<5	1	38	<20	0.02	<10	<10
397447		1.84	5760	<1	0.01	10	270	4	2.75	<5	1	108	<20	0.03	10	<10
397448		3.29	13350	<1	<0.01	11	550	4	0.43	<5	3	52	<20	0.11	10	<10
397449		2.79	11150	<1	<0.01	9	390	4	0.90	<5	2	74	<20	0.07	<10	<10
397450		3.50	11900	<1	<0.01	8	410	4	0.86	<5	2	53	<20	0.09	10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16154751

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397431		26	<10	50
397432		26	<10	51
397433		17	<10	31
397434		20	<10	35
397435		13	<10	41
397436		13	<10	31
397438		16	<10	31
397439		23	<10	43
397440		25	<10	37
397442		17	<10	29
397443		17	<10	35
397444		17	<10	30
397445		14	<10	35
397447		31	<10	31
397448		64	<10	51
397449		43	<10	39
397450		46	<10	55

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16154751

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada. FND- 02
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16155483

Projet: KAN

Bon de commande #: K021

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 31d	Pulvériser fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16155483

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398901		0.008		<0.5	7.39	<5	830	1.5	<2	3.15	<0.5	28	105	62	7.24	20
398902		0.005		<0.5	6.84	<5	820	1.5	<2	3.13	<0.5	28	103	63	7.10	20
398903		<0.005		<0.5	6.63	<5	720	1.4	<2	3.04	<0.5	9	53	85	4.82	20
398904		<0.005		<0.5	6.81	<5	910	1.6	<2	3.42	<0.5	7	53	5	4.49	10
398905		<0.005		<0.5	6.87	<5	830	1.6	<2	4.50	<0.5	12	61	19	5.07	20
398906		<0.005		<0.5	6.68	<5	750	1.4	<2	3.78	<0.5	9	53	44	4.23	20
398907		1.335														
398908		<0.005		<0.5	6.96	7	670	1.1	<2	3.44	<0.5	10	59	9	3.81	20
398909		<0.005		<0.5	7.52	<5	470	1.0	<2	3.46	0.5	29	118	98	7.29	20
398910		0.005		<0.5	8.17	<5	660	1.6	<2	2.06	<0.5	8	82	8	4.39	20
398911		0.008														
398912		0.005		<0.5	9.63	<5	660	2.1	<2	0.26	<0.5	16	112	57	5.70	30
398913		0.005		<0.5	9.49	<5	590	2.1	<2	0.21	<0.5	10	89	25	4.99	20
398914		<0.005		<0.5	9.19	<5	670	1.7	<2	0.19	<0.5	12	82	28	4.84	20
398915		0.005		<0.5	8.97	<5	720	1.5	<2	0.74	<0.5	8	79	2	4.17	20
398916		>10.0	16.80													
398917		0.006		<0.5	7.04	<5	110	0.5	<2	5.81	0.5	40	121	139	8.74	20
398918		0.006		<0.5	6.74	5	50	<0.5	<2	7.35	0.5	44	126	166	8.66	20
398919		0.005		<0.5	7.22	<5	60	<0.5	<2	6.09	0.6	49	119	171	9.08	20
398920		0.008		<0.5	6.09	15	270	1.6	<2	0.16	<0.5	17	99	17	9.04	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16155483

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398901		4.83	20	3.23	1215	2	0.67	73	320	8	0.09	5	23	84	<20	0.47
398902		4.63	10	3.12	1220	2	0.67	72	300	5	0.08	<5	21	84	<20	0.46
398903		3.55	30	2.34	1195	2	1.22	32	230	15	0.09	<5	8	83	<20	0.24
398904		4.33	30	2.50	1280	<1	0.60	29	230	8	0.01	5	8	84	<20	0.26
398905		4.22	30	2.88	1525	2	0.47	39	260	7	0.07	<5	10	98	<20	0.28
398906		3.89	30	2.37	1220	2	0.72	32	240	34	0.18	<5	7	84	<20	0.25
398907																
398908		3.90	30	2.38	1010	2	0.96	40	240	20	0.02	<5	10	73	<20	0.29
398909		2.90	20	3.16	925	<1	0.17	64	290	28	0.18	<5	27	56	<20	0.51
398910		3.46	30	1.86	593	1	0.04	26	160	3	0.06	<5	11	39	<20	0.29
398911																
398912		4.46	20	1.79	315	<1	0.05	45	240	4	0.48	<5	17	11	<20	0.41
398913		4.93	30	1.45	150	<1	0.06	35	210	4	0.37	<5	12	11	<20	0.31
398914		4.90	30	1.32	140	1	0.05	33	210	15	0.44	<5	10	10	<20	0.30
398915		3.45	30	1.38	229	<1	2.18	30	180	6	0.01	<5	10	29	<20	0.30
398916																
398917		1.32	10	3.68	1205	<1	1.44	86	390	6	0.09	<5	38	103	<20	0.63
398918		0.44	<10	4.07	1470	<1	1.68	94	320	3	0.08	<5	41	133	<20	0.61
398919		0.50	<10	4.55	1430	<1	1.96	131	400	5	0.09	6	39	136	<20	0.63
398920		2.36	30	1.82	648	5	0.04	57	480	7	0.43	<5	11	16	<20	0.29

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16155483

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
398901		<10	<10	224	<10	64	2.36
398902		<10	<10	219	<10	62	<0.02
398903		<10	<10	85	<10	39	2.60
398904		<10	<10	82	<10	35	2.31
398905		<10	<10	105	<10	57	2.56
398906		<10	<10	79	<10	51	1.99
398907							0.03
398908		<10	<10	103	<10	54	2.80
398909		<10	<10	241	<10	82	2.41
398910		<10	<10	88	<10	55	2.55
398911							0.12
398912		<10	<10	143	<10	66	2.35
398913		<10	<10	93	<10	63	2.68
398914		<10	<10	92	<10	51	2.49
398915		<10	<10	95	<10	48	2.54
398916							0.10
398917		10	<10	330	<10	89	2.53
398918		<10	<10	336	<10	92	2.73
398919		<10	<10	325	<10	95	2.37
398920		<10	<10	204	<10	173	2.55

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 29- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16155483

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16155514

Projet: KAN

Bon de commande #: K018

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 12- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 22	Entrée échantillon - Reçu sans code barre
SCR- 21	Filtrer à - 100 - 106 um
SPLIT- Z	Diviser Pulp pour envoyer
BAG- 01	Entreposage pulp de ref.
LOG- 22d	Entrée échantillon - Reçu sans code barr
SPL- 21d	Échantillon fractionné - dupliquer
PUL- 32d	Pulverizer Split- Dup 85% < 75um
CRU- QC	Test concassage QC
CRU- 32	Granulation 90 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 32	Pulvériser 1 000 g à 85 % < 75 um
WSH- 22	"Nettoyer" pulvérisateurs
LOG- 24	Entrée pulpe - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16155514

Description échantillon	Méthode élément unités L.D.	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
397591		<0.05	<0.05	<0.05	<0.001	45.81	1033.0	0.01	<0.01
397592		<0.05	<0.05	<0.05	<0.001	29.46	1004.0	<0.01	<0.01
397593		<0.05	<0.05	<0.05	<0.001	35.00	1028.5	<0.01	<0.01
397594		<0.05	<0.05	<0.05	<0.001	28.49	973.9	<0.01	<0.01
397595		0.23	1.07	0.21	0.029	27.16	1040.0	0.20	0.22
397596		<0.05	<0.05	<0.05	<0.001	36.78	1012.5	<0.01	<0.01
397597								1.27	
397598		<0.05	<0.05	<0.05	<0.001	27.56	986.0	<0.01	<0.01
397599		<0.05	<0.05	<0.05	<0.001	34.13	1055.5	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 25- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16155514

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 32	CRU- QC	LOG- 22	LOG- 22d
LOG- 24	PUL- 32	PUL- 32d	SCR- 21
SPL- 21	SPL- 21d	SPLIT- Z	WSH- 22

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16155516

Projet: KAN

Bon de commande #: K018

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 15- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16155516

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397600		<0.005		<0.5	6.26	<5	350	3.0	2	0.34	<0.5	17	79	24	11.60	20
397601		<0.005														
397602		<0.005		<0.5	6.29	<5	400	3.5	<2	0.64	<0.5	14	80	26	9.85	20
397603		<0.005		<0.5	5.96	<5	350	2.7	<2	0.64	<0.5	13	74	19	9.67	20
397604		<0.005		<0.5	6.13	<5	380	2.8	<2	0.22	<0.5	18	77	29	11.50	20
397605		0.009		<0.5	8.06	<5	510	2.4	<2	0.24	1.4	15	89	53	7.08	20
397606		>10.0	17.85													
397607		0.016		<0.5	8.68	<5	540	2.4	<2	0.08	3.8	15	86	74	6.29	20
397608		0.005		<0.5	8.72	<5	510	2.2	3	0.07	2.8	15	86	75	6.26	20
397609		0.008		<0.5	8.95	<5	530	2.2	5	0.13	2.3	13	92	69	6.02	20
397610		0.021		<0.5	9.00	<5	540	2.1	2	0.10	3.6	14	91	111	6.22	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16155516

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397600		3.21	20	1.88	2510	2	0.02	41	210	10	1.67	<5	11	18	<20	0.26
397601																
397602		3.65	20	1.62	3410	1	0.02	41	400	9	1.39	<5	11	29	<20	0.28
397603		3.05	20	1.71	3760	1	0.02	33	240	7	1.15	<5	10	29	<20	0.25
397604		3.47	20	1.70	1200	3	0.03	51	210	16	3.42	<5	11	15	<20	0.25
397605		4.57	30	1.28	405	5	0.04	51	860	14	1.98	<5	12	20	<20	0.25
397606																
397607		5.01	30	1.13	287	5	0.05	55	200	14	1.90	5	11	16	<20	0.23
397608		4.99	30	1.20	280	5	0.05	53	200	14	1.79	<5	12	16	<20	0.25
397609		5.00	30	1.20	268	6	0.05	51	210	14	1.83	<5	12	18	<20	0.26
397610		5.34	30	1.12	220	7	0.05	59	230	18	2.27	5	12	17	<20	0.26

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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plus les pages d'annexe
Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16155516

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
397600		<10	<10	171	<10	112	2.54
397601							0.12
397602		<10	<10	139	<10	113	2.29
397603		10	<10	108	<10	109	2.22
397604		10	<10	213	<10	145	2.55
397605		<10	<10	242	<10	244	2.45
397606							0.10
397607		<10	<10	266	<10	399	2.42
397608		<10	<10	252	<10	362	2.45
397609		<10	<10	272	<10	349	2.41
397610		10	<10	298	<10	426	2.45

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16155516

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 23	PUL- 31	PUL- QC
	SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16156335

Projet: KAN

Bon de commande #: K007

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156335

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397875		<0.5	0.23	<5	20	<0.5	<2	6.94	1.5	5	19	16	17.00	<10	0.08	10
397876		<0.5	0.36	<5	20	<0.5	<2	2.73	1.2	11	13	25	24.4	<10	0.08	10
397878		<0.5	0.23	<5	20	<0.5	2	3.87	1.3	5	14	13	21.4	<10	0.04	10
397879		<0.5	0.20	<5	10	<0.5	<2	3.50	1.0	3	12	33	15.55	<10	0.01	10
397880		<0.5	0.71	<5	10	<0.5	<2	5.44	0.6	9	21	85	11.10	<10	0.03	10
397882		<0.5	0.33	<5	<10	<0.5	<2	3.80	0.9	5	18	78	19.40	<10	0.01	10
397883		<0.5	0.19	<5	10	<0.5	<2	5.44	1.2	6	13	26	16.70	<10	0.02	10
397884		<0.5	0.16	<5	<10	<0.5	<2	2.20	0.5	2	23	12	14.85	<10	<0.01	<10
397885		<0.5	0.22	<5	<10	<0.5	<2	5.18	1.1	6	15	58	13.05	<10	<0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156335

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397875		3.41	7030	<1	0.01	6	250	6	1.17	<5	<1	108	<20	0.01	<10	<10
397876		3.34	9950	<1	0.01	8	420	5	1.56	5	1	40	<20	0.01	<10	<10
397878		2.97	8260	<1	0.01	4	350	<2	0.68	<5	<1	54	<20	0.01	<10	<10
397879		3.07	5290	<1	<0.01	14	170	3	1.46	<5	<1	57	<20	<0.01	<10	<10
397880		2.85	5480	3	<0.01	32	360	2	3.68	<5	2	131	<20	0.02	<10	<10
397882		3.20	7360	<1	<0.01	30	330	5	2.94	<5	1	67	<20	0.01	<10	<10
397883		3.49	5450	<1	<0.01	12	180	3	1.09	<5	<1	86	<20	<0.01	<10	<10
397884		2.82	3740	<1	<0.01	5	150	3	0.70	<5	<1	33	<20	<0.01	<10	<10
397885		3.56	4040	1	<0.01	20	110	3	2.35	<5	<1	106	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156335

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397875		16	<10	18
397876		22	<10	30
397878		17	<10	24
397879		18	<10	26
397880		53	<10	47
397882		24	<10	39
397883		18	<10	26
397884		16	<10	11
397885		35	<10	34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156335

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date: 26- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16156347

Projet: KAN

Bon de commande #: K018

Ce rapport s'applique aux 8 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

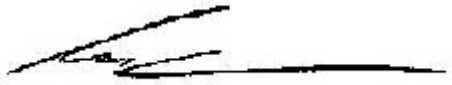
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156347

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397591		<0.5	0.35	<5	10	<0.5	<2	5.57	1.1	4	16	3	15.55	<10	0.01	10
397592		<0.5	0.37	<5	10	<0.5	<2	5.87	1.6	3	18	3	16.25	<10	0.02	10
397593		<0.5	0.44	<5	10	0.5	<2	4.33	1.2	6	19	4	18.05	<10	0.02	10
397594		0.6	0.92	<5	10	0.7	<2	2.73	0.8	8	25	8	22.7	<10	0.02	10
397595		0.5	0.72	<5	10	0.6	4	2.71	0.9	7	19	16	22.0	<10	0.02	10
397596		<0.5	0.45	<5	10	0.6	<2	3.44	1.0	5	22	5	18.95	<10	0.04	10
397598		<0.5	0.56	<5	10	0.5	3	3.73	0.9	7	21	7	17.60	<10	0.08	10
397599		<0.5	0.72	<5	20	0.5	<2	4.10	1.4	10	22	14	17.55	<10	0.21	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156347

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397591		3.31	9360	<1	<0.01	5	260	3	0.06	<5	1	51	<20	0.04	<10	<10
397592		3.45	9750	<1	<0.01	5	290	2	0.06	<5	1	53	<20	0.05	<10	<10
397593		3.36	10550	<1	<0.01	8	320	4	0.14	<5	1	40	<20	0.06	<10	<10
397594		3.61	15700	<1	<0.01	9	670	3	0.18	<5	3	30	<20	0.13	<10	<10
397595		3.37	14700	<1	<0.01	11	510	4	0.22	<5	2	27	<20	0.11	<10	<10
397596		3.27	12350	<1	<0.01	7	680	3	0.09	<5	1	33	<20	0.07	<10	<10
397598		3.09	12750	<1	<0.01	8	390	3	0.12	<5	2	53	<20	0.08	<10	<10
397599		3.05	12500	<1	0.02	16	400	4	0.45	5	2	103	<20	0.08	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156347

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397591		27	<10	8
397592		27	<10	8
397593		33	<10	16
397594		67	<10	14
397595		71	<10	12
397596		46	<10	8
397598		53	<10	8
397599		57	<10	15

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156347

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16156371

Projet: KAN

Bon de commande #: K037

Ce rapport s'applique aux 7 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156371

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399224		<0.5	0.17	44	20	<0.5	<2	2.46	<0.5	3	10	4	22.7	<10	0.03	10
399225		<0.5	0.13	5	10	<0.5	<2	2.13	0.7	3	8	1	23.0	<10	0.02	10
399226		<0.5	0.20	17	10	<0.5	3	1.47	0.5	4	11	31	21.9	<10	0.03	10
399228		0.8	0.32	709	<10	<0.5	<2	1.40	<0.5	15	14	153	23.9	<10	0.01	10
399235		<0.5	0.33	<5	10	<0.5	3	3.09	<0.5	21	22	67	8.98	<10	0.08	10
399237		0.6	0.35	<5	10	<0.5	5	7.73	0.5	115	10	94	15.05	<10	0.13	10
399238		0.5	0.62	<5	20	<0.5	2	6.44	1.2	22	18	92	13.10	<10	0.24	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156371

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399224		3.09	6610	<1	<0.01	3	270	<2	0.32	<5	<1	46	<20	0.01	<10	<10
399225		2.98	7000	<1	<0.01	<1	280	<2	0.14	<5	<1	39	<20	0.01	<10	<10
399226		2.67	9260	1	<0.01	15	330	<2	1.76	<5	<1	31	<20	0.01	<10	<10
399228		2.86	10550	1	<0.01	74	660	7	7.08	<5	1	39	<20	0.01	<10	<10
399235		1.58	2860	3	<0.01	23	290	4	3.87	<5	1	111	<20	0.01	<10	<10
399237		3.64	5120	1	0.01	36	40	8	7.63	<5	1	292	<20	0.01	<10	<10
399238		3.13	3980	2	0.01	34	140	13	5.47	<5	1	206	<20	0.02	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156371

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399224		17	<10	19
399225		14	<10	16
399226		18	<10	43
399228		19	<10	74
399235		18	<10	43
399237		16	<10	29
399238		34	<10	206

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156371

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16156374

Projet: KAN

Bon de commande #: K038

Ce rapport s'applique aux 7 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156374

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399249		0.8	2.46	<5	30	<0.5	<2	4.15	0.7	18	62	141	23.1	10	0.19	20
399250		<0.5	1.11	11	10	<0.5	<2	5.72	0.7	4	29	70	14.60	10	0.20	10
399252		<0.5	5.42	895	50	0.6	<2	1.90	<0.5	32	105	62	19.45	20	0.58	10
399253		<0.5	4.37	41	40	0.5	<2	1.26	0.7	3	91	109	14.00	20	0.47	<10
399254		0.9	1.12	46	10	<0.5	<2	1.75	1.0	21	41	144	19.75	<10	0.10	10
399255		0.6	0.99	13	10	<0.5	<2	1.73	0.9	20	35	93	15.25	<10	0.06	<10
399257		1.2	0.45	<5	<10	<0.5	2	8.51	1.5	1	17	192	19.80	<10	0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156374

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399249		3.65	8290	1	0.04	98	980	18	>10.0	11	7	107	<20	0.06	<10	<10
399250		3.43	13050	<1	0.07	30	600	8	2.74	<5	4	132	<20	0.03	<10	<10
399252		5.70	7490	1	0.05	42	430	<2	4.05	5	30	56	<20	0.16	<10	<10
399253		3.75	3380	1	0.04	49	340	6	3.78	<5	25	34	<20	0.08	<10	<10
399254		2.26	6140	<1	0.01	88	390	8	7.52	<5	5	37	<20	0.02	<10	<10
399255		2.75	7690	<1	0.01	52	190	4	5.27	<5	4	35	<20	0.02	<10	<10
399257		4.16	9710	<1	<0.01	107	190	13	6.89	7	1	188	<20	<0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156374

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399249		130	<10	121
399250		70	<10	85
399252		267	<10	294
399253		201	<10	216
399254		54	<10	96
399255		41	<10	82
399257		22	<10	54

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156374

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada. FND- 02
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16156379

Projet: KAN

Bon de commande #: K027

Ce rapport s'applique aux 14 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156379

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399021		<0.5	0.13	<5	10	<0.5	<2	3.31	1.0	4	20	15	16.85	<10	0.04	10
399022		<0.5	0.12	<5	10	<0.5	3	3.22	1.0	4	18	14	15.85	<10	0.04	<10
399023		<0.5	0.32	8	10	0.5	3	1.36	1.2	8	11	4	27.8	<10	0.08	10
399024		<0.5	0.11	7	<10	0.6	<2	1.67	1.1	4	13	1	22.8	<10	0.02	10
399025		<0.5	0.19	5	10	0.7	<2	1.82	0.9	5	10	1	25.3	<10	0.06	10
399026		<0.5	0.16	5	10	0.5	3	2.20	1.1	5	7	1	26.9	<10	0.05	10
399028		<0.5	0.10	8	10	0.5	5	1.94	1.1	10	8	11	29.0	<10	0.04	10
399029		<0.5	0.14	5	10	0.7	2	1.57	0.9	5	11	1	26.2	<10	0.04	10
399030		<0.5	0.14	8	10	0.9	<2	1.50	1.2	5	9	1	25.4	<10	0.04	10
399032		<0.5	0.13	6	10	0.9	<2	1.57	1.1	3	13	1	24.6	<10	0.04	10
399033		<0.5	0.07	5	<10	0.5	3	1.81	1.0	2	10	<1	20.7	<10	0.02	<10
399034		<0.5	0.65	32	10	0.7	<2	2.05	0.9	6	27	6	22.8	<10	0.14	10
399035		<0.5	0.10	8	<10	0.7	<2	2.41	1.3	3	10	<1	21.8	<10	0.02	10
399037		<0.5	0.13	<5	<10	0.9	2	2.26	1.5	3	6	<1	26.2	<10	0.03	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156379

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399021		2.97	5110	<1	<0.01	7	180	5	0.84	<5	1	29	<20	0.01	<10	<10
399022		2.81	4890	<1	<0.01	7	180	3	0.81	5	1	28	<20	0.01	<10	<10
399023		3.85	8730	<1	<0.01	6	490	5	0.25	6	1	17	<20	0.03	<10	<10
399024		3.26	6910	<1	<0.01	3	350	5	0.04	<5	<1	24	<20	0.01	<10	<10
399025		3.62	7870	<1	<0.01	4	300	5	0.06	<5	1	29	<20	0.02	<10	<10
399026		3.93	8010	<1	<0.01	5	490	8	0.08	<5	<1	39	<20	0.01	<10	<10
399028		4.02	8300	<1	<0.01	11	520	7	0.73	<5	<1	37	<20	0.01	<10	<10
399029		3.80	8220	<1	<0.01	4	250	8	0.06	<5	<1	26	<20	0.01	<10	<10
399030		3.60	8380	<1	<0.01	2	290	5	0.06	<5	<1	26	<20	0.01	<10	<10
399032		3.70	6990	<1	<0.01	4	160	6	0.05	<5	<1	27	<20	0.02	<10	<10
399033		3.01	6930	<1	<0.01	2	130	3	0.03	<5	<1	31	<20	0.01	<10	<10
399034		3.41	8090	<1	<0.01	9	480	6	0.18	<5	2	42	<20	0.07	<10	<10
399035		3.33	8170	<1	<0.01	3	110	3	0.03	<5	<1	35	<20	0.01	<10	<10
399037		4.03	9130	<1	<0.01	3	1130	4	0.02	<5	<1	47	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156379

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399021		11	<10	16
399022		10	<10	15
399023		25	<10	18
399024		11	<10	6
399025		14	<10	7
399026		13	<10	7
399028		10	<10	29
399029		14	<10	6
399030		12	<10	5
399032		13	<10	5
399033		9	<10	4
399034		41	<10	8
399035		10	<10	5
399037		14	<10	6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156379

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16156381

Projet: KAN

Bon de commande #: K016

Ce rapport s'applique aux 10 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

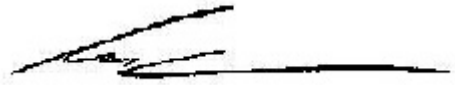
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156381

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397560		<0.5	0.79	6	<10	<0.5	<2	5.91	<0.5	3	17	93	10.80	<10	0.01	10
397562		<0.5	0.21	6	<10	<0.5	<2	7.90	0.5	16	14	46	11.95	<10	0.01	10
397563		<0.5	0.31	<5	<10	<0.5	<2	8.51	0.7	7	11	57	16.05	<10	<0.01	10
397564		<0.5	0.17	7	10	<0.5	<2	5.08	0.6	5	10	18	21.0	<10	0.01	10
397565		<0.5	0.23	<5	10	<0.5	<2	1.77	<0.5	3	14	9	19.85	<10	0.05	10
397567		<0.5	0.32	18	10	<0.5	<2	2.16	0.6	7	18	23	22.6	<10	0.06	10
397568		<0.5	0.22	13	10	<0.5	<2	1.74	0.7	8	11	10	23.7	<10	0.02	10
397569		<0.5	0.21	<5	10	<0.5	<2	7.42	0.6	4	12	2	17.65	<10	0.02	10
397570		<0.5	0.28	6	<10	<0.5	<2	2.78	0.7	4	12	1	22.8	<10	0.01	10
397572		<0.5	0.28	5	<10	<0.5	<2	2.85	0.6	3	11	1	23.0	<10	0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156381

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397560		2.91	2690	1	0.01	47	130	2	2.85	<5	1	122	<20	0.01	<10	<10
397562		3.76	3910	2	0.01	21	420	<2	2.20	<5	1	115	<20	0.01	<10	<10
397563		4.41	4290	2	<0.01	24	600	3	2.23	5	1	99	<20	0.01	<10	<10
397564		4.19	7620	1	<0.01	7	1170	<2	0.92	<5	1	64	<20	0.01	<10	<10
397565		2.74	8710	<1	<0.01	5	790	3	0.69	<5	1	25	<20	0.02	<10	<10
397567		2.91	9790	<1	<0.01	10	740	3	1.43	<5	1	28	<20	0.02	<10	<10
397568		3.18	10600	1	<0.01	5	360	2	0.44	<5	1	20	<20	0.02	<10	<10
397569		4.20	7450	<1	<0.01	1	320	<2	0.05	<5	1	71	<20	0.02	<10	<10
397570		3.63	9980	<1	<0.01	4	440	2	0.02	<5	1	29	<20	0.03	<10	<10
397572		3.64	9990	<1	<0.01	3	450	<2	0.02	<5	1	30	<20	0.03	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156381

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397560		39	<10	39
397562		17	<10	23
397563		23	<10	28
397564		13	<10	31
397565		14	<10	26
397567		18	<10	30
397568		14	<10	20
397569		15	<10	10
397570		17	<10	11
397572		17	<10	11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156381

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16156388

Projet: KAN

Bon de commande #: K036

Ce rapport s'applique aux 8 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156388

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399201		0.9	0.12	<5	<10	<0.5	<2	1.97	<0.5	3	24	136	14.10	<10	<0.01	<10
399202		0.8	0.12	<5	<10	<0.5	<2	1.82	<0.5	3	28	134	13.75	<10	<0.01	<10
399203		0.5	0.39	<5	<10	<0.5	<2	4.36	0.5	3	24	105	12.80	<10	<0.01	10
399204		1.4	0.28	<5	<10	<0.5	<2	5.16	<0.5	3	20	243	21.6	<10	<0.01	10
399205		1.8	0.53	<5	<10	<0.5	<2	1.97	0.7	3	29	352	25.7	<10	0.01	10
399206		0.8	0.75	<5	<10	<0.5	<2	3.40	0.9	1	26	208	22.7	<10	0.02	10
399208		<0.5	0.66	<5	<10	<0.5	<2	2.29	<0.5	3	23	57	18.80	<10	0.06	10
399209		<0.5	0.72	<5	<10	<0.5	<2	2.85	0.7	4	24	81	17.50	<10	0.13	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156388

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399201		2.99	5630	<1	<0.01	47	180	11	4.63	<5	<1	42	<20	<0.01	<10	<10
399202		2.94	5570	<1	<0.01	42	170	13	4.66	<5	<1	38	<20	<0.01	<10	<10
399203		3.51	5680	<1	<0.01	36	390	6	3.78	<5	1	92	<20	<0.01	<10	<10
399204		4.11	10000	<1	<0.01	120	380	16	7.22	<5	1	120	<20	0.01	<10	<10
399205		3.26	11400	<1	<0.01	167	810	23	9.51	<5	2	56	<20	0.01	<10	<10
399206		4.26	16550	1	0.03	104	820	12	5.87	<5	2	102	<20	0.02	<10	<10
399208		3.10	15400	<1	0.04	27	470	6	1.72	7	2	49	<20	0.04	<10	<10
399209		3.34	15400	<1	0.03	48	530	6	2.40	<5	2	69	<20	0.03	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156388

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399201		6	<10	33
399202		6	<10	32
399203		12	<10	38
399204		18	<10	43
399205		36	<10	56
399206		49	<10	72
399208		53	<10	48
399209		56	<10	54

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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156388

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 23- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16156391

Projet: KAN

Bon de commande #: K035

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

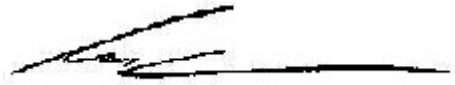
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 23- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156391

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399199		<0.5	0.24	<5	10	<0.5	3	2.59	<0.5	2	37	51	10.80	<10	0.01	10
399200		<0.5	0.08	<5	<10	<0.5	4	2.54	0.6	2	30	39	9.72	<10	<0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 23- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156391

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399199		2.93	4050	2	<0.01	16	190	5	2.62	<5	1	56	<20	0.01	<10	<10
399200		2.78	4050	<1	<0.01	12	130	4	2.32	<5	<1	47	<20	<0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 23- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156391

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399199		12	<10	37
399200		6	<10	27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 23- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156391

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16156401

Projet: KAN

Bon de commande #: K014

Ce rapport s'applique aux 8 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156401

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397522		<0.5	1.42	5	10	0.9	<2	3.37	0.6	11	30	12	19.50	10	0.08	10
397523		<0.5	0.60	<5	<10	0.7	<2	1.82	0.6	6	18	6	19.85	<10	0.02	10
397524		<0.5	0.84	<5	<10	0.8	<2	2.29	<0.5	9	21	9	20.0	10	0.01	10
397525		<0.5	0.70	<5	<10	0.6	<2	5.20	0.5	7	24	8	17.45	10	<0.01	10
397527		<0.5	0.50	<5	<10	0.9	<2	2.99	<0.5	7	24	4	20.3	<10	<0.01	10
397528		<0.5	0.31	<5	<10	<0.5	<2	3.92	0.8	4	20	5	21.8	<10	0.01	10
397529		<0.5	0.51	<5	20	<0.5	<2	1.89	<0.5	12	19	7	15.95	<10	0.21	10
397530		<0.5	0.18	<5	10	<0.5	4	6.15	0.7	4	11	5	23.4	<10	0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156401

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397522		3.35	16200	<1	0.07	19	590	<2	0.19	<5	4	42	<20	0.16	<10	<10
397523		3.02	14350	1	0.01	9	480	<2	0.11	<5	2	19	<20	0.08	<10	<10
397524		3.12	15300	<1	0.01	12	510	<2	0.16	<5	3	22	<20	0.11	<10	<10
397525		3.46	12150	<1	<0.01	12	450	3	0.17	<5	2	37	<20	0.09	<10	<10
397527		3.08	13400	<1	<0.01	8	530	3	0.14	<5	1	19	<20	0.05	<10	<10
397528		3.74	10050	<1	<0.01	4	410	3	0.55	<5	1	43	<20	0.03	<10	<10
397529		2.20	5790	<1	0.03	4	280	<2	0.82	<5	1	22	<20	0.02	<10	<10
397530		4.27	9970	<1	<0.01	3	420	<2	0.45	<5	1	60	<20	0.02	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156401

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397522		102	<10	30
397523		48	<10	11
397524		67	<10	15
397525		47	<10	11
397527		28	<10	9
397528		19	<10	24
397529		10	<10	15
397530		13	<10	15

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156401

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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plus les pages d'annexe
Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16156410

Projet: KAN

Bon de commande #: K026

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 16- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156410

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399001		<0.5	8.80	<5	430	1.9	<2	0.22	<0.5	14	88	55	7.86	20	4.01	30
399002		<0.5	8.88	<5	430	1.9	<2	0.24	<0.5	15	88	54	7.90	20	4.24	30
399003		<0.5	8.45	<5	390	2.0	<2	0.81	1.3	17	84	87	8.95	20	4.24	30
399004		<0.5	4.82	<5	210	1.4	<2	2.31	0.8	8	57	34	11.95	10	2.32	20
399005		<0.5	0.25	14	10	0.5	<2	5.38	0.6	4	13	5	17.50	<10	0.05	10
399006		<0.5	0.23	<5	<10	<0.5	<2	5.77	0.5	4	9	2	18.90	<10	0.03	10
399008		<0.5	0.26	7	<10	0.7	<2	4.51	0.6	5	11	5	20.4	<10	0.03	10
399009		<0.5	0.31	<5	10	<0.5	<2	4.37	0.5	2	11	2	18.80	<10	0.04	10
399010		<0.5	0.18	<5	<10	<0.5	3	9.24	0.7	1	19	7	15.90	<10	0.01	<10
399012		<0.5	0.16	<5	<10	<0.5	<2	8.78	0.6	1	12	2	13.75	<10	0.02	<10
399013		<0.5	0.30	5	<10	<0.5	<2	9.90	<0.5	2	12	4	17.20	<10	0.02	10
399014		<0.5	0.20	7	10	<0.5	<2	7.59	0.6	3	9	24	15.40	<10	0.04	<10
399015		<0.5	0.36	<5	10	<0.5	3	7.24	<0.5	<1	13	20	15.05	<10	0.07	10
399017		<0.5	0.19	<5	10	<0.5	<2	6.45	<0.5	2	16	7	13.25	<10	0.05	<10
399018		<0.5	0.21	6	10	<0.5	<2	7.54	<0.5	2	11	2	14.30	<10	0.02	10
399019		<0.5	0.18	<5	10	<0.5	<2	6.53	0.6	2	4	1	19.80	<10	0.02	10
399020		<0.5	0.18	<5	10	<0.5	<2	5.99	<0.5	<1	14	5	12.10	<10	0.02	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156410

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399001		1.28	595	1	0.06	43	170	4	1.23	<5	11	25	<20	0.28	<10	<10
399002		1.28	608	1	0.06	43	160	4	1.26	<5	11	26	<20	0.29	<10	<10
399003		1.40	553	3	0.06	53	240	13	2.65	<5	12	47	<20	0.28	<10	<10
399004		2.03	4050	1	0.03	26	320	7	1.26	<5	7	55	<20	0.16	<10	<10
399005		3.25	8870	1	0.01	5	480	<2	0.11	<5	1	67	<20	0.02	<10	<10
399006		3.79	7140	<1	<0.01	5	330	2	0.08	<5	1	46	<20	0.02	<10	<10
399008		3.73	7220	1	<0.01	4	180	<2	0.31	5	1	31	<20	0.02	<10	<10
399009		3.67	5150	<1	<0.01	4	160	<2	0.21	6	1	32	<20	0.01	<10	<10
399010		5.01	4560	<1	0.01	2	140	2	0.53	<5	1	66	<20	0.01	<10	<10
399012		4.56	4150	<1	<0.01	2	90	<2	0.25	<5	2	102	<20	0.01	<10	<10
399013		5.11	4280	<1	<0.01	3	250	2	0.46	<5	1	81	<20	0.01	<10	<10
399014		4.23	3870	1	0.01	8	100	<2	1.43	<5	1	56	<20	0.01	<10	<10
399015		4.33	4060	1	0.03	5	190	3	1.27	5	1	74	<20	0.01	<10	<10
399017		3.81	3520	<1	0.01	3	140	<2	0.51	<5	1	84	<20	0.01	<10	<10
399018		4.25	3910	<1	<0.01	1	120	<2	0.17	<5	<1	78	<20	0.01	<10	<10
399019		5.00	5280	<1	<0.01	1	160	<2	0.08	<5	<1	53	<20	0.01	<10	<10
399020		3.18	3820	<1	0.01	1	140	<2	0.19	<5	1	54	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156410

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399001		123	<10	198
399002		125	<10	205
399003		212	<10	208
399004		132	<10	118
399005		16	<10	8
399006		16	<10	7
399008		21	<10	11
399009		23	<10	14
399010		19	<10	16
399012		17	<10	13
399013		24	<10	19
399014		17	<10	16
399015		30	<10	25
399017		17	<10	17
399018		18	<10	8
399019		16	<10	8
399020		18	<10	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156410

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16156802

Projet: KAN

Bon de commande #: K029

Ce rapport s'applique aux 12 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 17- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

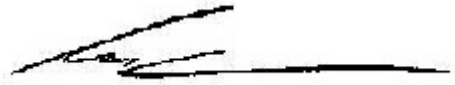
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156802

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399065		<0.5	0.38	<5	10	0.5	<2	7.22	0.9	5	17	24	18.30	<10	0.23	10
399066		<0.5	0.19	<5	10	<0.5	<2	2.85	0.9	2	11	4	22.5	<10	0.06	<10
399068		<0.5	0.31	5	10	0.5	<2	1.83	1.2	6	18	5	26.1	<10	0.12	10
399069		<0.5	0.20	5	10	0.5	3	2.21	0.8	5	11	3	20.9	<10	0.06	10
399070		<0.5	0.18	5	10	1.8	2	2.00	<0.5	5	12	1	20.00	<10	0.03	10
399073		<0.5	0.18	<5	10	0.6	<2	3.52	1.0	4	10	1	22.9	<10	0.01	10
399074		<0.5	0.19	5	10	1.0	<2	3.14	0.5	7	8	1	22.8	<10	0.01	10
399075		<0.5	0.20	6	10	1.0	<2	2.21	0.9	3	5	1	27.0	<10	0.02	10
399076		<0.5	0.11	20	10	0.7	4	1.73	0.9	5	10	1	23.7	<10	0.01	10
399078		<0.5	0.35	7	20	1.0	<2	1.91	0.7	7	16	2	21.1	<10	0.09	10
399079		<0.5	0.22	10	10	0.7	<2	2.39	0.8	5	11	1	22.7	<10	0.01	10
399080		<0.5	0.10	<5	10	0.5	3	4.62	0.7	4	6	<1	21.7	<10	0.02	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156802

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399065		4.29	4810	3	0.01	10	240	11	1.91	10	2	216	<20	0.03	<10	<10
399066		3.62	4800	<1	<0.01	1	140	<2	0.42	<5	<1	70	<20	0.01	<10	<10
399068		3.62	7940	<1	0.01	5	290	<2	0.47	<5	1	48	<20	0.06	<10	<10
399069		3.18	5080	<1	<0.01	2	150	<2	0.31	<5	<1	60	<20	0.01	<10	<10
399070		2.69	5890	<1	<0.01	2	250	<2	0.11	<5	<1	21	<20	0.01	<10	<10
399073		3.50	6610	<1	<0.01	5	270	3	0.21	<5	<1	27	<20	0.01	<10	<10
399074		3.37	6680	<1	<0.01	2	210	3	0.14	<5	<1	25	<20	0.01	<10	<10
399075		3.65	7450	<1	0.01	<1	220	2	0.08	<5	<1	23	<20	0.01	10	<10
399076		3.77	7420	<1	<0.01	1	230	2	0.09	<5	<1	16	<20	0.01	<10	<10
399078		2.92	7020	<1	0.02	5	330	3	0.15	<5	1	17	<20	0.02	<10	<10
399079		3.18	7900	1	<0.01	2	240	<2	0.14	<5	<1	19	<20	0.01	<10	<10
399080		4.00	6040	<1	<0.01	<1	200	2	0.02	<5	<1	22	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 8- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156802

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399065		32	<10	31
399066		14	<10	17
399068		23	<10	22
399069		14	<10	10
399070		15	<10	6
399073		18	<10	6
399074		21	<10	5
399075		18	<10	6
399076		15	<10	6
399078		24	<10	7
399079		22	<10	5
399080		10	<10	6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16156802

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16157141

Projet: KAN

Bon de commande #: K025

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157141

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
398999		<0.5	7.76	39	410	1.5	3	2.52	0.5	36	141	92	7.27	20	3.97	10
399000		<0.5	8.65	<5	430	1.9	2	0.17	<0.5	11	94	53	7.26	20	4.11	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157141

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
398999		1.86	1050	3	0.07	84	360	12	0.89	<5	31	118	<20	0.54	<10	<10
399000		1.21	590	2	0.05	32	190	7	0.94	<5	11	22	<20	0.30	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157141

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398999		327	<10	185
399000		109	<10	181

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157141

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada. FND- 02
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME- ICP61

ALS Canada Ltd.

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16157143

Projet: KAN

Bon de commande #: K032

Ce rapport s'applique aux 4 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

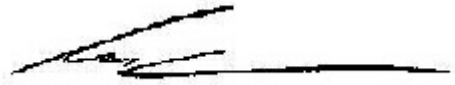
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157143

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399129		<0.5	0.33	41	10	<0.5	<2	2.15	0.5	4	12	6	21.9	<10	0.03	<10
399130		<0.5	0.29	<5	10	<0.5	<2	1.31	<0.5	3	9	9	19.00	<10	0.01	<10
399132		<0.5	0.31	<5	<10	<0.5	3	0.96	<0.5	3	11	55	18.25	<10	0.01	<10
399133		0.6	0.92	344	10	<0.5	<2	1.45	<0.5	23	12	199	28.9	<10	0.10	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157143

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399129		3.52	7660	<1	<0.01	5	240	<2	0.43	<5	1	48	<20	0.03	<10	<10
399130		2.92	4530	<1	<0.01	3	40	<2	0.45	<5	1	32	<20	<0.01	<10	<10
399132		2.71	6770	<1	<0.01	38	250	<2	2.53	<5	1	23	<20	<0.01	<10	<10
399133		4.17	10950	2	<0.01	152	350	8	8.74	5	2	42	<20	0.02	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157143

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399129		19	<10	32
399130		13	<10	35
399132		15	<10	60
399133		37	<10	92

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157143

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16157154

Projet: KAN

Bon de commande #: K017

Ce rapport s'applique aux 15 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157154

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397573		<0.5	0.15	8	10	<0.5	<2	1.09	<0.5	4	8	1	23.2	<10	0.02	<10
397574		<0.5	0.14	<5	10	<0.5	<2	7.87	0.8	4	13	1	20.4	<10	0.02	10
397575		<0.5	0.23	16	10	<0.5	<2	5.30	1.2	4	7	4	21.7	<10	0.04	<10
397576		<0.5	0.21	58	20	<0.5	<2	1.37	<0.5	6	15	6	21.6	<10	0.06	<10
397578		<0.5	0.71	9	10	0.5	<2	1.35	<0.5	6	20	2	26.5	<10	0.06	10
397579		<0.5	0.58	54	10	<0.5	3	1.63	0.5	8	19	3	23.9	<10	0.04	10
397580		<0.5	0.34	24	20	<0.5	<2	3.53	0.5	4	18	9	19.50	<10	0.11	10
397582		<0.5	0.31	14	20	<0.5	4	3.87	0.5	4	14	8	20.8	<10	0.10	10
397583		<0.5	0.35	<5	20	<0.5	<2	4.53	0.5	4	11	2	22.0	<10	0.07	10
397584		<0.5	0.16	7	10	<0.5	5	4.63	<0.5	3	17	5	15.75	<10	0.05	<10
397585		<0.5	0.14	8	10	<0.5	<2	6.05	<0.5	2	9	5	18.05	<10	0.03	<10
397587		<0.5	0.27	<5	10	<0.5	<2	9.29	0.7	3	11	3	17.45	<10	0.05	10
397588		<0.5	0.62	<5	10	0.6	<2	2.76	0.6	7	19	4	20.5	<10	0.04	10
397589		<0.5	0.62	5	<10	0.7	2	1.84	0.5	5	21	2	21.3	<10	0.01	10
397590		<0.5	0.70	6	<10	<0.5	2	2.26	<0.5	8	27	7	18.70	<10	<0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157154

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397573		2.94	10700	<1	<0.01	2	400	<2	0.05	<5	<1	14	<20	0.01	<10	<10
397574		5.05	7230	<1	<0.01	1	210	<2	0.04	<5	<1	94	<20	0.02	<10	<10
397575		4.05	8840	<1	<0.01	1	180	2	0.26	<5	<1	112	<20	0.02	<10	<10
397576		3.02	8500	<1	0.01	3	180	2	0.22	<5	1	25	<20	0.02	<10	<10
397578		3.35	12400	<1	0.02	6	310	4	0.12	<5	1	20	<20	0.06	<10	<10
397579		3.18	11800	<1	0.01	8	470	6	0.15	<5	1	24	<20	0.05	<10	<10
397580		3.02	9200	<1	0.03	5	260	4	0.48	<5	1	67	<20	0.02	<10	<10
397582		3.42	9220	<1	0.03	5	760	4	0.44	<5	1	64	<20	0.02	<10	<10
397583		3.87	10100	<1	0.02	5	300	2	0.13	<5	1	64	<20	0.02	<10	<10
397584		3.19	6380	<1	0.01	1	90	<2	0.26	<5	<1	69	<20	0.01	<10	<10
397585		3.94	6980	<1	0.01	3	130	2	0.27	<5	<1	92	<20	0.01	<10	<10
397587		4.96	8030	<1	<0.01	2	240	3	0.12	<5	1	129	<20	0.02	<10	<10
397588		3.04	12600	<1	<0.01	8	500	10	0.16	<5	2	34	<20	0.07	<10	<10
397589		2.76	14800	<1	<0.01	8	500	<2	0.09	<5	2	21	<20	0.06	<10	<10
397590		2.70	12950	1	<0.01	10	430	2	0.22	<5	2	25	<20	0.08	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157154

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397573		10	<10	12
397574		12	<10	21
397575		14	<10	26
397576		15	<10	24
397578		35	<10	19
397579		34	<10	22
397580		22	<10	21
397582		21	<10	16
397583		24	<10	10
397584		12	<10	9
397585		13	<10	15
397587		19	<10	18
397588		36	<10	17
397589		40	<10	21
397590		47	<10	14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157154

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16157162

Projet: KAN

Bon de commande #: K031

Ce rapport s'applique aux 10 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157162

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399101		<0.5	0.07	<5	10	0.7	2	1.15	<0.5	3	7	<1	24.1	<10	0.04	<10
399102		<0.5	0.07	<5	10	0.6	<2	1.17	0.7	2	6	<1	24.6	<10	0.04	<10
399103		<0.5	0.08	<5	10	0.7	<2	1.42	0.7	1	3	<1	27.6	<10	0.05	10
399104		<0.5	0.04	7	10	0.6	<2	1.31	0.5	3	6	1	24.2	<10	0.02	<10
399105		<0.5	0.06	<5	10	0.5	<2	1.47	0.7	3	4	<1	26.3	<10	0.03	<10
399106		<0.5	0.09	<5	10	0.5	<2	1.43	0.5	4	6	1	27.7	<10	0.05	<10
399108		<0.5	0.11	<5	10	<0.5	3	1.76	1.0	3	2	3	29.9	<10	0.06	<10
399109		<0.5	0.15	13	10	0.5	<2	1.45	<0.5	5	8	2	23.9	<10	0.04	<10
399110		<0.5	0.62	7	<10	0.7	<2	1.19	<0.5	9	24	7	21.6	<10	0.03	10
399112		<0.5	0.55	8	10	<0.5	<2	2.11	0.6	9	19	9	18.10	<10	0.25	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157162

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399101		3.74	6650	<1	0.01	<1	110	<2	0.01	<5	<1	12	<20	0.01	<10	<10
399102		3.81	6800	<1	0.01	1	100	<2	0.01	<5	<1	12	<20	0.01	<10	<10
399103		4.28	6000	<1	0.01	<1	100	<2	0.01	<5	<1	16	<20	<0.01	<10	<10
399104		3.69	5850	<1	0.01	3	150	3	0.02	<5	<1	16	<20	0.01	<10	<10
399105		4.38	5750	<1	0.01	<1	80	<2	0.01	<5	<1	20	<20	<0.01	<10	<10
399106		4.26	7370	<1	0.02	2	180	<2	0.16	<5	<1	28	<20	0.01	<10	<10
399108		4.65	8000	<1	0.02	1	100	<2	0.19	<5	<1	43	<20	<0.01	<10	<10
399109		3.50	9230	<1	0.01	2	200	<2	0.16	<5	<1	32	<20	0.01	<10	<10
399110		2.81	13300	<1	<0.01	12	500	3	0.13	<5	2	19	<20	0.08	<10	<10
399112		2.53	11350	<1	<0.01	11	360	<2	0.28	<5	1	46	<20	0.06	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157162

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399101		7	<10	3
399102		6	<10	3
399103		9	<10	6
399104		7	<10	3
399105		7	<10	6
399106		8	<10	12
399108		8	<10	24
399109		11	<10	11
399110		43	<10	10
399112		33	<10	17

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157162

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16157168

Projet: KAN

Bon de commande #: K004

Ce rapport s'applique aux 16 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157168

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397811		<0.5	0.13	5	10	<0.5	<2	1.77	<0.5	2	8	5	23.4	<10	0.04	<10
397812		<0.5	0.12	8	10	<0.5	<2	1.79	<0.5	<1	11	6	23.6	<10	0.04	<10
397813		<0.5	0.06	5	10	<0.5	<2	2.34	0.8	3	10	7	20.0	<10	0.01	<10
397814		<0.5	0.07	<5	<10	<0.5	<2	1.60	1.0	4	13	3	21.1	<10	0.01	<10
397815		<0.5	0.04	<5	<10	0.6	<2	1.46	1.0	4	9	1	24.8	<10	0.01	<10
397816		<0.5	0.04	6	<10	0.5	<2	2.16	0.5	5	12	3	20.8	<10	0.01	<10
397818		<0.5	0.62	6	20	0.7	<2	2.24	0.6	8	23	5	24.1	<10	0.07	10
397819		<0.5	0.42	13	20	0.6	<2	1.97	0.8	6	16	3	22.3	<10	0.08	10
397820		<0.5	0.51	12	10	<0.5	<2	2.73	0.8	6	21	4	18.95	<10	0.06	10
397822		<0.5	0.81	9	60	<0.5	<2	3.73	0.7	6	34	10	18.85	<10	0.22	10
397823		<0.5	1.13	15	20	0.7	<2	1.52	0.8	10	40	7	22.6	<10	0.11	10
397824		<0.5	0.47	9	<10	0.6	<2	4.04	0.6	7	17	6	19.10	<10	0.02	10
397825		<0.5	0.49	14	10	0.7	<2	2.26	0.5	6	16	5	22.3	<10	0.04	10
397827		<0.5	0.87	9	10	0.9	<2	2.79	0.6	10	25	8	24.2	<10	0.11	10
397828		<0.5	1.18	<5	10	0.8	<2	2.68	0.6	14	27	8	25.0	<10	0.17	10
397829		<0.5	1.06	<5	10	0.8	<2	2.50	<0.5	8	30	8	18.20	<10	0.06	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157168

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397811		3.81	7810	<1	0.01	<1	160	4	0.30	<5	<1	41	<20	<0.01	10	<10
397812		3.87	7870	1	0.01	<1	170	5	0.31	<5	<1	40	<20	<0.01	<10	<10
397813		3.21	7950	<1	<0.01	2	40	<2	0.23	<5	<1	37	<20	<0.01	<10	<10
397814		3.28	7860	<1	<0.01	<1	80	<2	0.17	<5	<1	27	<20	<0.01	<10	<10
397815		3.82	7970	<1	<0.01	1	90	<2	0.03	<5	<1	15	<20	<0.01	<10	<10
397816		3.28	7860	<1	0.01	1	70	5	0.14	<5	<1	23	<20	<0.01	<10	<10
397818		3.32	11850	1	<0.01	6	590	<2	0.23	<5	1	34	<20	0.06	<10	<10
397819		3.13	12500	<1	<0.01	7	400	3	0.14	<5	1	31	<20	0.04	<10	<10
397820		3.08	11950	1	<0.01	8	410	3	0.18	<5	1	49	<20	0.05	<10	<10
397822		3.39	9410	1	0.12	9	560	2	0.42	<5	2	90	<20	0.10	<10	<10
397823		3.06	13750	2	<0.01	17	490	3	0.27	<5	3	23	<20	0.13	<10	<10
397824		3.22	11400	<1	<0.01	6	340	4	0.13	<5	1	42	<20	0.07	<10	<10
397825		3.31	11600	<1	<0.01	6	360	2	0.14	<5	1	29	<20	0.07	<10	<10
397827		3.60	17200	<1	<0.01	14	660	<2	0.17	<5	3	49	<20	0.15	<10	<10
397828		3.73	21800	<1	<0.01	19	700	4	0.21	<5	3	49	<20	0.13	<10	<10
397829		2.81	17150	<1	<0.01	13	480	2	0.23	<5	3	48	<20	0.12	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157168

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397811		15	<10	17
397812		14	<10	18
397813		8	<10	16
397814		12	<10	13
397815		14	<10	8
397816		10	<10	12
397818		35	<10	32
397819		28	<10	9
397820		30	<10	16
397822		44	<10	32
397823		72	<10	22
397824		36	<10	8
397825		36	<10	8
397827		82	<10	13
397828		104	<10	17
397829		76	<10	16

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157168

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16157172

Projet: KAN

Bon de commande #: K003

Ce rapport s'applique aux 14 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157172

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397794		<0.5	0.23	730	<10	<0.5	<2	5.02	<0.5	11	32	32	7.02	<10	0.01	10
397795		<0.5	0.36	1010	20	<0.5	4	3.71	0.6	8	15	36	20.5	<10	0.07	10
397796		<0.5	0.15	20	10	<0.5	4	3.68	1.0	3	17	14	19.40	<10	0.03	10
397798		<0.5	0.33	9	10	<0.5	<2	5.39	0.7	7	23	18	12.50	<10	0.06	<10
397799		<0.5	0.96	8	10	<0.5	3	5.10	1.0	4	11	9	20.9	10	0.03	20
397800		0.6	0.16	<5	10	<0.5	<2	6.61	1.1	2	15	10	15.85	<10	0.03	10
397802		<0.5	0.16	<5	10	<0.5	<2	7.76	0.9	1	14	10	13.90	<10	0.05	<10
397803		<0.5	0.34	63	10	<0.5	<2	8.52	1.2	3	9	10	19.25	<10	0.06	10
397804		<0.5	0.33	15	20	<0.5	6	2.80	1.0	6	14	22	22.4	<10	0.12	10
397805		<0.5	0.26	<5	20	<0.5	2	2.08	1.0	6	12	2	24.1	<10	0.09	10
397807		30.4	0.29	<5	30	<0.5	5	1.64	<0.5	4	17	65	21.1	<10	0.09	10
397808		<0.5	0.20	5	20	<0.5	2	1.43	<0.5	4	17	3	18.05	<10	0.06	<10
397809		<0.5	0.42	<5	30	<0.5	<2	3.55	0.7	6	16	11	20.1	<10	0.10	10
397810		0.6	0.24	<5	20	0.5	<2	1.49	<0.5	3	17	3	20.5	<10	0.06	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157172

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397794		1.79	2430	4	<0.01	12	200	4	1.78	<5	1	100	<20	0.01	<10	<10
397795		3.30	5990	2	0.02	14	300	6	1.62	5	1	68	<20	0.01	<10	<10
397796		3.92	5980	<1	<0.01	7	130	7	0.76	<5	<1	73	<20	<0.01	<10	<10
397798		2.88	4000	<1	<0.01	5	50	2	0.84	<5	<1	106	<20	<0.01	<10	<10
397799		4.31	6000	<1	<0.01	5	230	3	0.46	7	1	86	<20	0.02	<10	<10
397800		3.52	6310	<1	<0.01	2	160	2	0.51	<5	<1	129	<20	0.01	10	<10
397802		3.59	5300	<1	0.01	1	90	6	0.63	<5	<1	147	<20	<0.01	<10	<10
397803		4.53	7750	<1	<0.01	1	320	7	0.66	<5	1	166	<20	0.01	10	<10
397804		3.13	9760	<1	0.01	6	530	5	1.41	<5	1	73	<20	0.03	10	<10
397805		3.31	11500	<1	0.02	6	590	3	0.10	<5	1	40	<20	0.03	10	<10
397807		2.95	10100	<1	0.03	10	1050	4	0.10	<5	1	31	<20	0.03	<10	<10
397808		2.70	7510	<1	0.02	4	120	<2	0.21	<5	1	28	<20	0.02	10	<10
397809		3.48	8730	<1	0.02	10	380	10	0.47	<5	1	75	<20	0.03	10	<10
397810		3.27	7360	<1	0.02	6	240	6	0.07	<5	1	27	<20	0.03	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157172

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397794		28	<10	16
397795		29	<10	39
397796		10	<10	32
397798		15	<10	27
397799		48	<10	54
397800		10	<10	27
397802		11	<10	24
397803		19	<10	37
397804		18	<10	30
397805		19	10	13
397807		20	220	13
397808		16	<10	10
397809		24	<10	20
397810		20	<10	9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date: 30- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157172

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16157176

Projet: KAN

Bon de commande #: K015

Ce rapport s'applique aux 3 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157176

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397531		<0.5	0.25	<5	<10	0.5	<2	3.73	0.6	3	12	4	21.4	<10	<0.01	10
397532		<0.5	0.25	<5	<10	0.5	<2	3.68	0.7	4	12	4	21.1	<10	<0.01	10
397533		<0.5	0.21	<5	<10	<0.5	<2	3.80	0.5	6	13	51	14.95	<10	<0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157176

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397531		3.43	6150	<1	<0.01	3	200	3	0.34	<5	<1	38	<20	0.01	<10	<10
397532		3.39	6110	<1	<0.01	2	190	<2	0.34	<5	<1	37	<20	0.01	<10	<10
397533		3.24	4050	1	<0.01	10	130	<2	1.54	<5	<1	40	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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plus les pages d'annexe
Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157176

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397531		25	<10	10
397532		24	<10	10
397533		30	<10	11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157176

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16157179

Projet: KAN

Bon de commande #: K011

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
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BUREAU 200
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157179

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
397451		<0.5	0.96	<5	30	<0.5	<2	3.01	0.8	5	19	19	20.4	<10	0.31	10
397452		<0.5	1.00	6	30	<0.5	<2	3.16	1.1	5	19	20	21.3	<10	0.33	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157179

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
397451		3.40	11350	<1	<0.01	8	370	3	0.84	<5	2	98	<20	0.09	<10	<10
397452		3.55	11900	<1	<0.01	7	370	5	0.89	<5	2	103	<20	0.09	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157179

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397451		50	<10	66
397452		52	<10	69

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157179

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
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Finalisée date: 1- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16157180

Projet: KAN

Bon de commande #: K030

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 18- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157180

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399081		<0.5	0.14	<5	10	<0.5	<2	7.73	<0.5	3	7	1	18.40	<10	0.02	10
399082		<0.5	0.11	9	10	<0.5	<2	7.07	0.5	3	9	1	16.95	<10	0.03	<10
399083		<0.5	0.12	17	10	<0.5	<2	7.30	0.5	4	7	1	17.00	<10	0.04	10
399084		<0.5	0.27	13	<10	0.5	<2	3.14	0.7	5	12	2	22.4	<10	0.01	10
399085		<0.5	0.04	<5	<10	<0.5	<2	2.38	<0.5	3	9	1	19.70	<10	0.01	<10
399086		<0.5	0.03	<5	10	<0.5	<2	0.93	<0.5	6	5	4	25.1	<10	0.02	<10
399087		<0.5	0.03	<5	10	<0.5	3	0.75	<0.5	2	5	3	23.8	<10	0.01	<10
399089		<0.5	0.04	<5	<10	<0.5	2	3.88	0.6	2	7	<1	19.90	<10	0.01	<10
399090		<0.5	0.10	<5	10	<0.5	<2	8.23	0.7	4	4	1	20.1	<10	0.04	<10
399091		<0.5	0.05	6	10	<0.5	2	2.00	0.6	2	2	1	28.8	<10	0.03	10
399093		1.5	0.15	<5	10	0.5	3	1.93	<0.5	4	5	12	25.1	<10	0.08	<10
399094		<0.5	0.11	<5	10	0.5	3	1.59	<0.5	4	5	2	25.6	<10	0.07	<10
399095		<0.5	0.11	6	10	<0.5	2	1.77	<0.5	4	5	5	25.9	<10	0.06	10
399096		<0.5	0.03	<5	10	0.5	2	0.78	<0.5	<1	7	<1	18.65	<10	0.02	<10
399098		<0.5	0.08	<5	10	<0.5	4	2.72	0.6	1	7	1	23.4	<10	0.04	<10
399099		<0.5	0.06	<5	10	0.5	2	1.19	<0.5	1	5	<1	24.5	<10	0.03	<10
399100		<0.5	0.07	<5	10	1.1	3	1.18	0.5	1	5	<1	25.2	<10	0.04	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157180

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399081		4.19	6010	<1	<0.01	2	210	<2	0.03	<5	<1	33	<20	0.01	<10	<10
399082		3.89	5410	<1	<0.01	<1	220	3	0.03	<5	<1	30	<20	0.01	<10	<10
399083		3.94	5440	<1	<0.01	2	220	<2	0.03	<5	<1	31	<20	0.01	<10	<10
399084		3.34	8750	<1	<0.01	4	440	<2	0.07	<5	1	18	<20	0.03	<10	<10
399085		3.33	5000	<1	<0.01	1	100	<2	0.01	<5	<1	18	<20	<0.01	<10	<10
399086		3.80	5810	<1	0.01	1	130	<2	<0.01	<5	<1	10	<20	<0.01	<10	<10
399087		3.37	5730	<1	<0.01	1	120	2	0.01	<5	<1	8	<20	<0.01	<10	<10
399089		4.04	4790	<1	0.01	1	20	3	<0.01	<5	<1	40	<20	<0.01	<10	<10
399090		4.94	5000	<1	0.01	2	120	4	0.02	5	<1	78	<20	0.01	<10	<10
399091		4.72	5910	<1	0.01	<1	60	<2	0.06	<5	<1	25	<20	<0.01	<10	<10
399093		3.86	4710	<1	0.02	1	50	3	0.76	<5	<1	48	<20	<0.01	<10	<10
399094		4.11	4530	<1	0.02	<1	90	2	0.17	<5	<1	34	<20	0.01	<10	<10
399095		4.19	4740	<1	0.02	1	60	5	0.37	6	<1	37	<20	0.01	<10	<10
399096		3.18	3850	<1	0.01	<1	50	2	0.02	<5	<1	11	<20	<0.01	<10	<10
399098		4.08	4840	<1	0.01	<1	60	<2	0.07	<5	<1	32	<20	0.01	<10	<10
399099		3.74	4990	<1	0.01	1	70	<2	0.01	5	<1	14	<20	<0.01	<10	<10
399100		3.91	4700	<1	0.01	2	100	2	0.01	<5	<1	13	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157180

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399081		12	<10	5
399082		10	<10	5
399083		10	<10	5
399084		18	<10	6
399085		7	<10	7
399086		5	<10	12
399087		5	<10	9
399089		6	<10	10
399090		9	<10	10
399091		7	<10	13
399093		9	<10	13
399094		7	<10	11
399095		9	<10	14
399096		6	<10	6
399098		7	<10	11
399099		6	<10	5
399100		8	<10	3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 1- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16157180

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada. FND- 02
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16159678

Projet: KAN

Bon de commande #: K041

Ce rapport s'applique aux 12 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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plus les pages d'annexe
Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159678

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
399301		2.57	0.045		1.3	5.73	176	180	1.5	<2	3.47	6.7	15	72	77	13.20
399302		<0.02	0.034		1.4	5.71	181	180	1.5	<2	3.40	6.4	15	69	78	13.00
399303		2.75	0.050		1.9	5.54	235	110	1.5	2	1.90	6.9	17	72	127	15.75
399304		2.49	0.027		1.7	6.21	187	150	1.7	<2	1.33	14.4	21	80	99	13.75
399305		2.34	0.014		0.8	9.11	59	250	2.0	<2	0.36	2.6	20	99	223	9.96
399306		2.33	0.016		0.7	8.44	60	230	1.6	<2	0.77	2.7	16	90	206	11.25
399307		0.05	>10.0	NSS												
399308		2.71	0.016		0.8	6.93	100	200	1.4	<2	2.86	4.1	16	72	86	10.70
399309		2.27	1.275		1.1	7.15	165	160	2.0	<2	1.62	4.4	18	77	136	12.95
399310		2.32	0.040		1.4	5.02	203	180	1.6	<2	3.71	8.8	14	64	65	13.35
399311		0.25	<0.005													
399312		2.35	0.062		2.4	4.51	211	140	1.4	<2	2.80	15.2	20	78	157	14.50

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159678

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
399301		10	2.27	30	1.69	1120	28	0.32	131	480	53	>10.0	12	11	87	<20
399302		10	2.29	30	1.69	1085	28	0.32	133	470	55	>10.0	10	11	88	<20
399303		10	2.25	30	1.06	796	32	0.22	173	490	66	>10.0	12	10	57	<20
399304		10	2.62	30	0.81	595	31	0.19	147	440	56	>10.0	9	10	51	<20
399305		20	4.04	30	0.60	200	11	0.22	146	240	32	7.58	<5	16	46	<20
399306		20	3.64	30	0.78	328	9	0.21	159	220	25	8.20	<5	16	51	<20
399307																
399308		20	2.74	30	1.56	834	14	0.35	117	200	33	8.20	10	12	80	<20
399309		20	3.04	30	0.94	504	31	0.21	161	290	62	>10.0	11	12	58	<20
399310		10	2.13	30	1.77	1070	36	0.16	166	410	63	>10.0	16	10	79	<20
399311																
399312		10	1.59	20	1.56	975	87	0.17	269	620	90	>10.0	25	9	82	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159678

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399301		0.14	<10	20	340	<10	1150
399302		0.14	10	20	338	<10	1155
399303		0.12	<10	20	337	<10	1280
399304		0.15	<10	20	399	<10	2600
399305		0.30	10	10	189	<10	547
399306		0.23	<10	10	167	10	552
399307							
399308		0.17	10	10	198	<10	796
399309		0.15	10	20	345	<10	894
399310		0.12	10	20	401	<10	1580
399311							
399312		0.12	10	40	1190	<10	2690

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159678

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.

Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 7- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16159697

Projet: KAN

Bon de commande #: K041

Ce rapport s'applique aux 8 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159697

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399313		1.31	<0.05	<0.05	<0.05	<0.001	42.78	1290.0	0.02	0.01
399314		2.65	<0.05	<0.05	<0.05	<0.001	44.62	2595	0.01	<0.01
399315		2.68	<0.05	<0.05	<0.05	<0.001	38.81	2640	<0.01	<0.01
399316		0.10							18.00	
399317		2.40	<0.05	<0.05	<0.05	<0.001	39.87	2370	0.02	<0.01
399318		2.36	<0.05	<0.05	<0.05	<0.001	32.01	2343	0.01	<0.01
399319		2.77	<0.05	<0.05	<0.05	<0.001	40.56	2749	0.01	<0.01
399320		2.49	<0.05	<0.05	<0.05	<0.001	30.76	2483	0.02	<0.01

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159697

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 21	SCR- 21	SPLIT- Z	WEI- 21
WSH- 22			

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16159702

Projet: KAN

Bon de commande #: K042

Ce rapport s'applique aux 10 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159702

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
399331		0.25	<0.005													
399332		2.76	0.008		0.5	9.86	9	290	1.7	<2	0.46	0.7	24	122	90	9.63
399333		2.73	0.018		0.5	9.60	31	260	1.5	2	1.19	2.2	19	101	86	9.00
399334		2.82	0.036		0.7	9.12	62	260	1.3	<2	0.46	2.7	24	106	89	8.90
399335		2.59	0.064		0.9	6.75	102	190	1.0	<2	3.85	2.3	18	72	95	12.50
399336		0.08	>10.0	17.50												
399337		2.39	0.018		<0.5	8.72	39	230	1.4	2	1.81	1.0	17	96	117	8.84
399338		2.92	0.024		0.5	9.63	35	310	1.5	<2	0.65	2.4	19	113	118	8.58
399339		2.55	0.028		0.5	9.05	49	270	1.8	2	0.88	0.9	21	118	87	8.70
399340		2.23	0.123		1.7	5.56	115	160	1.2	<2	0.64	2.5	26	78	118	17.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159702

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
399331																
399332		20	4.36	30	0.68	196	13	0.75	76	370	14	5.31	<5	21	36	<20
399333		30	4.42	40	0.99	349	12	0.42	95	290	25	5.48	<5	18	53	<20
399334		20	4.31	30	0.60	176	12	0.34	132	460	43	7.10	8	24	33	<20
399335		20	3.20	40	2.00	940	16	0.11	122	230	58	>10.0	15	13	106	<20
399336																
399337		20	4.12	40	1.26	652	11	0.14	115	440	22	5.42	<5	20	64	<20
399338		20	4.48	30	0.77	242	12	0.32	127	460	21	5.50	7	24	45	<20
399339		20	4.37	30	0.95	465	10	0.16	104	330	29	6.33	<5	22	43	<20
399340		20	2.58	30	0.78	344	18	0.08	150	230	83	>10.0	17	9	40	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159702

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399331							
399332		0.30	<10	10	214	<10	259
399333		0.26	<10	10	189	<10	653
399334		0.34	10	10	197	<10	773
399335		0.19	10	10	213	<10	533
399336							
399337		0.30	<10	10	151	<10	358
399338		0.37	10	10	203	<10	798
399339		0.32	10	10	180	<10	353
399340		0.13	<10	10	206	<10	760

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159702

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	LOG- 21
	LOG- 23	PUL- 31	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 12- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16159705

Projet: KAN

Bon de commande #: K043

Ce rapport s'applique aux 12 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 12- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159705

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
399341		3.00	0.137		1.8	5.91	136	40	1.4	<2	0.12	4.5	41	79	94	17.95
399342		<0.02	0.140		1.7	5.91	131	40	1.4	<2	0.11	4.7	42	79	90	17.85
399343		2.89	0.033	<0.05	1.3	5.37	31	80	1.4	<2	0.34	3.2	21	79	226	20.4
399344		2.48	0.014		1.1	4.14	23	130	1.2	2	1.02	3.5	31	74	224	19.75
399345		2.33	0.024		1.1	6.02	11	60	2.1	<2	0.11	3.5	26	94	184	20.8
399346		2.70	0.050		1.8	6.76	<5	60	2.2	2	0.07	4.0	15	99	224	20.7
399347		0.04	1.305													
399348		3.12	0.036		1.4	6.02	13	100	2.0	<2	0.25	5.2	33	67	205	20.7
399349		2.68	0.038		1.4	5.96	10	70	1.9	<2	0.64	4.3	20	65	167	18.95
399350		2.35	0.042		1.5	6.42	5	80	2.1	<2	0.05	4.0	12	78	169	21.1
399351		0.23	<0.005													
399352		3.44	0.034		1.5	4.87	14	70	1.7	<2	0.39	1.6	44	71	203	23.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 12- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159705

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
399341		20	2.97	30	0.61	201	19	0.10	122	280	90	>10.0	24	10	16	<20
399342		20	2.98	30	0.60	200	21	0.10	122	270	87	>10.0	24	10	16	<20
399343		20	2.60	20	0.73	337	17	0.08	148	180	40	>10.0	15	10	23	<20
399344		10	1.63	20	1.33	1120	12	0.06	124	390	35	>10.0	10	9	46	<20
399345		20	2.83	30	0.76	295	21	0.08	131	220	36	>10.0	6	12	15	<20
399346		20	3.47	30	0.60	53	19	0.09	142	270	60	>10.0	18	14	14	<20
399347																
399348		20	3.09	20	0.72	243	20	0.09	126	270	46	>10.0	13	11	19	<20
399349		20	2.92	40	0.93	345	18	0.08	113	240	47	>10.0	14	10	33	<20
399350		20	3.11	40	0.76	77	24	0.08	116	210	45	>10.0	10	11	13	<20
399351																
399352		20	2.37	20	0.75	360	18	0.07	126	200	41	>10.0	9	9	23	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 12- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159705

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399341		0.16	10	10	232	<10	1305
399342		0.17	<10	10	233	<10	1370
399343		0.12	<10	10	191	<10	925
399344		0.09	<10	<10	120	<10	964
399345		0.14	<10	<10	208	<10	973
399346		0.17	<10	10	237	<10	1030
399347							
399348		0.15	<10	10	229	<10	1400
399349		0.13	<10	10	222	<10	1100
399350		0.13	<10	10	259	<10	1015
399351							
399352		0.12	<10	10	177	<10	399

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 12- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159705

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 7- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16159709

Projet: KAN

Bon de commande #: K043

Ce rapport s'applique aux 8 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
WSH- 22	"Nettoyer" pulvérisateurs
SPLIT- Z	Diviser Pulp pour envoyer
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159709

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399353		2.54	<0.05	<0.05	<0.05	<0.001	32.68	2344	0.02	<0.01
399354		3.39	0.73	12.55	0.58	0.535	42.55	3347	0.60	0.55
399355		2.44	0.46	4.81	0.35	0.303	62.94	2401	0.33	0.36
399356		0.07							17.20	
399357		2.80	0.25	5.41	0.21	0.138	25.49	2774	0.20	0.21
399358		3.31	0.18	0.73	0.18	0.022	30.14	3290	0.20	0.16
399359		2.52	0.46	1.32	0.44	0.071	53.86	2483	0.49	0.39
399360		2.87	<0.05	<0.05	<0.05	<0.001	54.69	2821	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159709

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 23	PUL- 21
SCR- 21	SPLIT- Z	WEI- 21	WSH- 22

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16159712

Projet: KAN

Bon de commande #: K044

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPL- 21d	Échantillon fractionné - dupliquer
WSH- 22	"Nettoyer" pulvérisateurs
SPLIT- Z	Diviser Pulp pour envoyer
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159712

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399361		2.72	<0.05	<0.05	<0.05	<0.001	48.15	1170.5	<0.01	<0.01
399362		<0.02	<0.05	<0.05	<0.05	<0.001	55.84	1486.0	<0.01	<0.01
399363		3.17	<0.05	<0.05	<0.05	<0.001	37.83	3142	<0.01	0.01
399364		2.74	<0.05	<0.05	<0.05	<0.001	53.16	2704	<0.01	<0.01
399365		2.69	<0.05	<0.05	<0.05	<0.001	84.58	2625	<0.01	<0.01
399366		2.69	<0.05	<0.05	<0.05	<0.001	28.97	2674	<0.01	<0.01
399367		0.05							1.36	
399368		2.54	<0.05	<0.05	<0.05	<0.001	60.32	2507	<0.01	<0.01
399369		2.45	<0.05	<0.05	<0.05	<0.001	39.64	2426	<0.01	0.01
399370		3.22	<0.05	<0.05	<0.05	<0.001	96.12	3144	0.01	0.01
399371		0.16							<0.01	
399372		2.64	<0.05	<0.05	<0.05	<0.001	49.44	2605	<0.01	<0.01
399373		2.54	1.06	30.9	0.62	1.164	37.69	2524	0.62	0.61
399374		2.72	0.32	6.48	0.20	0.345	53.25	2690	0.21	0.19
399375		2.78	<0.05	<0.05	<0.05	<0.001	51.80	2745	0.01	0.01
399376		0.07							17.65	
399377		1.52	<0.05	<0.05	<0.05	<0.001	36.97	1512.0	0.01	<0.01
399378		2.80	<0.05	0.70	<0.05	0.040	57.27	2753	0.02	0.01
399379		2.81	0.37	9.08	0.25	0.360	39.65	2793	0.26	0.23
399380		2.35	<0.05	<0.05	<0.05	<0.001	74.10	2294	0.04	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159712

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 21	SCR- 21	SPL- 21d
SPLIT- Z	WEI- 21	WSH- 22	

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16159717

Projet: KAN

Bon de commande #: K045

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 5- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159717

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
399381		3.17	0.011		1.2	3.85	380	120	1.1	<2	1.80	<0.5	26	55	108	19.10
399382		<0.02	0.048		1.2	3.91	358	130	1.1	<2	1.76	<0.5	24	53	104	18.65
399383		3.15	0.011		0.7	7.99	16	250	1.7	<2	0.73	2.3	11	93	93	11.10
399384		2.93	0.015		0.5	9.56	32	260	1.5	<2	0.34	2.5	22	106	86	9.32
399385		2.50	0.033		1.8	5.87	108	80	1.4	<2	1.09	5.5	24	66	85	13.00
399386		1.42	0.026		1.2	6.84	91	150	1.9	2	1.04	5.7	18	70	119	11.15
399387		0.05	1.305													
399388		1.81	0.031		1.2	6.13	69	160	1.4	<2	1.91	7.7	20	81	204	11.50
399389		2.32	0.031		1.2	5.67	101	110	1.7	<2	0.95	6.3	19	69	217	14.00
399390		1.81	0.036		1.4	5.70	109	150	1.6	<2	3.53	8.6	19	75	114	12.75
399391		0.19	<0.005													
399392		2.72	0.015		0.8	7.35	31	190	3.0	<2	0.38	5.1	15	80	262	13.60
399393		1.55	0.036		1.9	3.56	40	130	1.7	4	1.35	12.2	16	58	336	14.80
399394		1.51	0.033		1.5	1.85	51	60	0.8	<2	3.13	11.8	20	43	381	19.55
399395		2.31	0.037		2.1	2.63	64	110	1.3	<2	1.65	15.2	23	52	307	17.05
399396		0.08	>10.0	18.05												
399397		2.34	0.037		2.3	2.26	36	90	1.1	<2	2.51	14.7	13	57	266	16.00
399398		1.79	0.033		2.1	1.85	32	80	0.9	<2	2.38	12.6	14	47	317	17.60
399399		2.55	0.036		1.4	4.66	87	120	1.8	2	2.54	10.5	17	62	239	15.35
399400		2.64	0.032		0.6	7.45	105	170	2.1	3	1.45	4.9	22	75	135	11.90

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 5- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159717

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
399381		10	0.89	20	2.70	3470	2	0.04	91	490	7	8.11	<5	8	52	<20
399382		10	0.95	20	2.60	3350	2	0.04	91	450	7	8.06	6	8	51	<20
399383		20	3.53	30	0.88	450	11	0.41	67	290	9	6.70	<5	16	47	<20
399384		20	3.73	40	0.71	199	10	1.38	83	220	22	6.36	<5	19	50	<20
399385		20	2.61	30	0.84	751	41	0.13	130	480	53	>10.0	19	10	45	<20
399386		20	3.09	30	0.85	1040	26	0.16	135	560	44	9.00	18	11	52	<20
399387																
399388		20	2.49	40	1.20	1760	60	0.68	176	1380	51	7.93	6	14	62	<20
399389		20	2.59	30	0.74	1010	52	0.13	205	1050	50	>10.0	10	11	37	<20
399390		20	2.65	30	1.83	2010	53	0.12	143	620	76	9.57	21	12	72	<20
399391																
399392		20	3.31	30	0.68	348	38	0.14	270	440	30	8.50	<5	14	32	<20
399393		10	1.58	30	0.85	1225	141	0.07	287	1360	63	9.49	9	8	47	<20
399394		10	0.70	20	1.65	3060	103	0.03	324	3240	63	>10.0	8	4	86	<20
399395		10	1.19	20	1.01	1655	129	0.03	296	1880	81	>10.0	10	6	53	<20
399396																
399397		10	1.02	30	1.46	2610	148	0.03	280	2840	76	9.18	8	5	74	<20
399398		10	0.83	30	1.50	2650	139	0.02	305	2740	62	9.92	8	5	70	<20
399399		10	2.16	30	1.30	1320	58	0.07	240	1030	56	>10.0	15	9	68	<20
399400		20	3.41	30	0.96	369	17	0.27	147	250	57	>10.0	18	14	48	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 5- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159717

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399381		0.09	<10	<10	177	<10	94
399382		0.09	<10	<10	179	<10	88
399383		0.29	<10	10	157	<10	553
399384		0.40	<10	<10	180	<10	624
399385		0.17	<10	20	432	<10	1150
399386		0.20	<10	10	336	<10	1065
399387							
399388		0.26	<10	20	584	<10	1325
399389		0.17	<10	20	479	<10	1150
399390		0.25	10	20	590	<10	1465
399391							
399392		0.23	10	10	463	<10	863
399393		0.12	<10	60	1345	<10	2060
399394		0.07	<10	40	935	<10	1930
399395		0.08	<10	50	1315	<10	2500
399396							
399397		0.08	<10	60	1280	<10	2410
399398		0.06	<10	50	1115	<10	2000
399399		0.14	<10	20	534	<10	1815
399400		0.21	<10	10	210	<10	1040

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 5- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159717

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 21d	LOG- 23	PUL- 31
	PUL- 31d	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 8- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16159720

Projet: KAN

Bon de commande #: K046

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 19- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 8- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159720

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400151		2.30	0.033		1.0	7.94	119	220	1.8	<2	0.84	4.1	23	80	138	11.05
400152		<0.02	0.030		1.1	8.13	120	220	1.9	<2	0.80	4.4	24	83	134	11.50
400153		2.34	0.025		0.9	6.19	129	180	1.5	<2	3.86	4.0	17	63	111	11.95
400154		2.82	0.055		1.7	6.63	206	120	1.6	<2	0.63	4.7	20	77	131	14.95
400155		2.20	0.045		1.4	6.13	168	180	1.4	<2	3.18	3.0	16	67	108	13.15
400156		2.92	0.021		1.2	6.26	150	190	1.4	<2	2.72	4.7	17	68	117	12.20
400157		0.05	1.300													
400158		2.54	0.032		1.1	8.31	110	120	4.5	4	2.27	2.7	19	63	67	5.07
400159		2.81	0.037		1.4	5.14	182	150	1.2	<2	4.39	6.6	17	62	119	14.20
400160		3.21	0.016		0.7	6.13	95	190	1.4	2	4.23	3.6	17	59	86	9.76
400161		0.20	<0.005													
400162		2.01	0.026		0.9	7.76	103	230	1.8	<2	0.53	5.5	23	77	203	11.00
400163		3.07	0.022		1.7	5.73	186	130	1.4	3	1.54	6.1	21	66	111	12.60
400164		2.75	0.040		2.2	5.40	219	110	1.3	<2	1.52	6.5	19	69	108	15.25
400165		2.44	0.041		2.1	5.78	180	130	1.5	<2	1.64	7.0	20	69	130	15.30
400166		0.07	>10.0	17.75												
400167		2.59	0.026		1.6	1.87	40	60	0.5	<2	5.03	6.4	2	42	477	15.85
400168		2.27	0.021		1.0	1.18	71	40	<0.5	<2	12.95	6.4	12	25	87	9.27
400169		1.93	0.064		1.7	2.23	100	80	0.6	<2	7.78	7.2	12	51	201	12.15
400170		2.45	0.025		2.4	2.59	100	90	0.7	<2	4.21	11.3	13	55	529	16.10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159720

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400151		20	3.07	40	0.64	265	16	1.02	154	230	57	>10.0	9	13	43	<20
400152		20	3.12	40	0.64	269	16	1.05	160	240	61	>10.0	<5	14	43	<20
400153		20	2.62	30	1.81	734	17	0.32	161	250	51	9.95	9	11	92	<20
400154		20	2.90	30	0.50	154	28	0.22	187	710	96	>10.0	15	11	32	<20
400155		20	2.65	30	1.49	569	24	0.26	154	240	69	>10.0	10	11	78	<20
400156		10	2.70	30	1.33	487	20	0.25	154	260	57	>10.0	12	13	71	<20
400157																
400158		20	4.11	10	1.67	443	1	3.49	70	970	157	2.63	<5	5	263	<20
400159		10	2.28	30	1.95	693	26	0.11	149	340	74	>10.0	12	11	89	<20
400160		20	2.70	30	1.95	759	13	0.18	103	260	43	8.25	<5	11	91	<20
400161																
400162		20	3.53	30	0.52	213	13	0.13	151	250	45	>10.0	<5	14	33	<20
400163		10	2.57	30	0.84	505	54	0.09	187	530	68	>10.0	13	10	48	<20
400164		10	2.41	30	0.88	348	46	0.09	164	480	98	>10.0	16	9	45	<20
400165		20	2.63	30	0.90	419	39	0.09	170	630	99	>10.0	13	10	48	<20
400166																
400167		<10	0.82	20	2.09	3780	72	0.03	311	3530	25	9.67	<5	4	118	<20
400168		<10	0.53	10	6.31	6610	51	0.02	86	250	36	5.24	9	4	131	<20
400169		10	1.07	20	3.82	2940	90	0.03	188	1110	46	8.59	5	7	106	<20
400170		10	1.25	30	1.86	1885	180	0.04	333	1430	51	>10.0	<5	7	85	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 8- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159720

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400151		0.18	10	10	208	<10	938
400152		0.18	<10	10	212	<10	949
400153		0.16	<10	10	202	<10	851
400154		0.15	10	20	306	<10	1045
400155		0.14	10	20	260	<10	671
400156		0.14	10	10	242	<10	1025
400157							
400158		0.48	<10	<10	64	<10	231
400159		0.13	10	20	296	<10	1280
400160		0.15	10	10	174	<10	692
400161							
400162		0.19	<10	10	172	<10	1180
400163		0.12	10	20	487	<10	1240
400164		0.10	10	20	431	<10	1280
400165		0.11	10	20	398	<10	1290
400166							
400167		0.05	<10	30	689	<10	1110
400168		0.06	<10	30	595	<10	1245
400169		0.09	<10	30	1070	<10	1445
400170		0.08	<10	60	1560	10	2330

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 8- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16159720

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16162821

Projet: KAN

Bon de commande #: K069

Ce rapport s'applique aux 10 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SPL- 21d	Échantillon fractionné - dupliquer
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162821

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400111		2.86	<0.05	<0.05	<0.05	<0.001	54.79	1343.0	<0.01	<0.01
400112		<0.02	<0.05	<0.05	<0.05	<0.001	32.57	1420.5	<0.01	<0.01
400113		3.38	<0.05	<0.05	<0.05	<0.001	41.56	3058	<0.01	<0.01
400114		1.36	<0.05	<0.05	<0.05	<0.001	51.32	1296.0	<0.01	<0.01
400116		3.67	<0.05	<0.05	<0.05	<0.001	36.88	3353	<0.01	<0.01
400117		0.04							1.31	
400118		2.98	<0.05	<0.05	<0.05	<0.001	38.37	2662	<0.01	<0.01
400119		2.21	<0.05	<0.05	<0.05	<0.001	35.74	2166	<0.01	<0.01
400120		3.06	<0.05	<0.05	<0.05	<0.001	39.56	2740	<0.01	<0.01
400130		1.55	<0.05	<0.05	<0.05	<0.001	47.47	1496.5	0.05	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162821

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 21	SCR- 21	SPL- 21d
SPLIT- Z	WEI- 21	WSH- 22	

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16162824

Projet: KAN

Bon de commande #: K069

Ce rapport s'applique aux 10 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162824

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400115		3.30	0.009		<0.5	1.69	<5	90	1.6	<2	1.03	<0.5	11	92	72	8.65
400121		0.27	<0.005													
400122		3.09	0.034		1.0	5.86	13	180	1.2	<2	1.34	2.7	12	73	206	20.4
400123		3.07	0.011		<0.5	9.30	<5	260	1.7	<2	0.39	1.3	14	136	108	9.91
400124		2.86	0.027		<0.5	9.59	24	260	1.3	<2	0.73	1.0	37	122	84	9.13
400125		2.31	0.010		<0.5	9.50	37	260	1.3	<2	0.46	1.5	29	129	93	9.35
400126		0.10	>10.0	18.05												
400127		2.34	0.076		0.6	10.60	46	360	1.7	<2	0.16	2.5	32	187	79	9.29
400128		3.18	0.053		0.9	5.62	22	210	1.5	<2	0.53	4.7	33	105	242	20.2
400129		4.71	0.044		1.0	4.47	9	180	1.9	<2	0.70	3.9	23	80	244	20.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162824

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400115		10	0.85	10	0.67	831	14	0.02	41	350	7	4.36	<5	5	32	<20
400121																
400122		20	2.91	30	1.20	1080	34	0.08	150	410	40	>10.0	7	11	37	<20
400123		20	4.79	30	0.71	201	11	0.18	97	380	19	5.97	<5	19	30	<20
400124		20	4.76	30	0.88	342	9	0.19	93	230	39	6.47	<5	20	41	<20
400125		30	4.78	30	0.75	302	10	0.16	108	290	74	7.23	<5	19	33	<20
400126																
400127		30	5.27	40	0.60	124	16	0.15	139	620	71	7.73	9	26	29	<20
400128		20	3.00	10	0.72	596	15	0.08	118	320	64	>10.0	11	11	35	<20
400129		20	1.96	20	1.24	1100	17	0.05	104	350	40	>10.0	8	10	36	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162824

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400115		0.08	<10	<10	106	<10	17
400121							
400122		0.16	<10	10	369	<10	733
400123		0.33	<10	10	181	<10	453
400124		0.32	10	10	174	<10	418
400125		0.35	10	10	177	<10	536
400126							
400127		0.50	<10	20	241	<10	827
400128		0.16	<10	10	145	10	1500
400129		0.10	<10	<10	126	<10	1040

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162824

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME- ICP61

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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16162826

Projet: KAN

Bon de commande #: K070

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162826

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400131		2.70	0.74	5.76	0.53	0.269	46.66	1137.0	0.60	0.46
400132		<0.02	1.11	20.9	0.47	0.957	45.74	1408.0	0.48	0.45
400133		2.92	0.19	2.95	0.15	0.145	49.19	2902	0.19	0.10
400134		3.03	<0.05	<0.05	<0.05	<0.001	82.99	3007	0.02	0.01
400135		3.37	0.35	6.14	0.32	0.136	22.17	3558	0.35	0.28
400136		3.28	2.94	28.5	2.55	1.386	48.55	3181	2.60	2.50
400137		0.13							1.30	
400138		2.68	1.46	24.3	1.10	1.006	41.45	2626	1.14	1.05
400139		3.42	0.55	38.2	0.31	0.818	21.41	3399	0.31	0.31
400140		2.57	2.22	130.5	1.86	0.933	7.16	2583	2.03	1.69
400141		0.25							<0.01	
400142		3.36	<0.05	<0.05	<0.05	<0.001	44.50	3296	0.06	0.02
400143		2.91	<0.05	<0.05	<0.05	<0.001	26.92	2922	<0.01	<0.01
400144		2.94	<0.05	<0.05	<0.05	<0.001	26.90	2867	<0.01	<0.01
400145		3.05	0.08	<0.05	0.09	<0.001	43.63	2973	<0.01	0.17
400146		0.12							17.65	
400147		2.56	<0.05	<0.05	<0.05	<0.001	58.08	2455	<0.01	0.01
400148		3.17	<0.05	<0.05	<0.05	<0.001	29.86	3100	<0.01	<0.01
400149		2.62	0.11	2.37	0.09	0.058	24.51	2908	0.09	0.09
400150		2.93	0.07	1.56	0.06	0.046	29.45	2874	0.04	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162826

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 21d	LOG- 23
PUL- 21	SCR- 21	SPL- 21d	SPLIT- Z
WEI- 21	WSH- 22		

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16162830

Projet: KAN

Bon de commande #: K068

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162830

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400100		2.46	0.08	0.38	0.07	0.048	125.50	2250	0.07	0.06
400101		0.29							<0.01	
400102		1.84	1.10	4.13	0.89	0.501	121.35	1679.0	0.97	0.80
400103		2.32	0.11	0.95	0.07	0.117	123.35	2172	0.07	0.06
400104		2.73	1.03	4.68	0.85	0.611	130.65	2568	0.90	0.79
400105		2.98	0.14	0.32	0.13	0.049	153.65	2799	0.19	0.06
400106		0.09							17.90	
400107		3.05	0.41	1.42	0.37	0.183	128.90	2889	0.33	0.41
400108		3.45	<0.05	<0.05	<0.05	0.002	147.00	3247	0.02	0.02
400109		3.28	<0.05	<0.05	<0.05	<0.001	154.25	3103	<0.01	0.01
400110		2.98	<0.05	<0.05	<0.05	<0.001	142.70	2808	<0.01	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162830

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 23	PUL- 21
SCR- 21	SPLIT- Z	WEI- 21	WSH- 22

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16162831

Projet: KAN

Bon de commande #: K068

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162831

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
400091		2.11	0.051	1.3	4.31	46	90	1.3	3	1.68	13.5	25	71	288	14.35	10
400092		<0.02	0.052	1.4	4.59	44	110	1.4	<2	1.69	13.8	26	75	271	14.75	10
400093		2.85	0.054	1.7	2.32	34	50	0.7	2	3.33	8.9	17	46	380	16.30	10
400094		2.74	0.032	2.5	5.71	75	80	1.7	<2	2.11	8.4	25	66	174	13.15	20
400095		2.78	0.027	1.3	8.90	66	220	2.0	<2	0.58	3.3	24	90	115	11.75	20
400096		2.48	0.029	1.8	8.29	87	200	1.7	<2	0.72	3.5	25	89	74	11.35	20
400097		0.06	1.380													
400098		2.78	0.021	1.5	8.51	44	190	1.2	3	0.78	3.8	22	88	121	11.30	20
400099		3.37	0.030	1.8	9.11	54	210	1.2	<2	0.31	2.8	24	94	96	10.85	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162831

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
400091		1.61	30	1.05	1110	106	0.06	225	1520	38	9.62	5	9	53	<20	0.11
400092		1.76	30	1.08	1140	113	0.06	230	1550	37	9.78	<5	10	54	<20	0.12
400093		0.67	30	1.63	2710	103	0.03	280	3130	41	>10.0	<5	5	86	<20	0.07
400094		2.51	30	1.27	1310	50	0.13	169	870	50	>10.0	5	11	65	<20	0.15
400095		4.14	30	0.80	336	13	0.20	134	230	54	>10.0	<5	17	50	<20	0.22
400096		3.78	30	0.75	403	15	0.25	118	230	61	>10.0	<5	15	51	<20	0.23
400097																
400098		3.75	30	0.75	383	11	0.51	130	210	33	8.88	<5	17	63	<20	0.24
400099		3.92	30	0.58	168	13	0.48	114	250	46	9.19	<5	17	54	<20	0.27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162831

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400091		<10	40	1125	<10	2320
400092		<10	40	1205	10	2400
400093		<10	40	954	<10	1535
400094		10	20	599	<10	1435
400095		<10	10	194	<10	682
400096		<10	10	225	<10	710
400097						
400098		10	10	181	<10	825
400099		<10	10	200	<10	595

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162831

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16162832

Projet: KAN

Bon de commande #: K071

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
WSH- 22	"Nettoyer" pulvérisateurs
SPLIT- Z	Diviser Pulp pour envoyer
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPL- 21d	Échantillon fractionné - dupliquer
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162832

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400901		3.37	1.98	15.20	0.43	2.404	157.95	1352.0	0.29	0.57
400902		<0.02	2.14	26.8	0.36	3.191	119.30	1640.5	0.34	0.37
400903		3.03	<0.05	<0.05	<0.05	<0.001	106.25	2914	<0.01	<0.01
400904		3.11	<0.05	<0.05	<0.05	<0.001	125.00	2975	<0.01	0.01
400905		3.60	0.15	0.15	0.15	0.013	86.88	3453	0.16	0.14
400906		3.02	<0.05	<0.05	<0.05	<0.001	122.15	2898	<0.01	<0.01
400907		0.07							1.30	
400908		2.73	<0.05	<0.05	<0.05	<0.001	111.30	2609	<0.01	<0.01
400909		3.43	<0.05	<0.05	<0.05	<0.001	92.27	3318	<0.01	<0.01
400910		2.87	<0.05	<0.05	<0.05	<0.001	133.70	2716	<0.01	<0.01
400911		0.27							<0.01	
400912		3.32	<0.05	<0.05	<0.05	<0.001	138.60	3091	<0.01	<0.01
400913		2.74	<0.05	<0.05	<0.05	<0.001	123.15	2597	<0.01	<0.01
400914		2.72	<0.05	<0.05	<0.05	<0.001	148.15	2582	<0.01	<0.01
400915		2.92	<0.05	<0.05	<0.05	<0.001	159.70	2740	<0.01	<0.01
400916		0.10							18.15	
400917		3.13	<0.05	<0.05	<0.05	<0.001	136.60	2973	0.01	<0.01
400918		2.09	<0.05	<0.05	<0.05	<0.001	133.30	1936.5	<0.01	<0.01
400919		1.94	<0.05	<0.05	<0.05	<0.001	148.90	1711.0	<0.01	<0.01
400920		3.24	<0.05	<0.05	<0.05	<0.001	126.75	3083	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162832

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 21	SCR- 21	SPL- 21d
SPLIT- Z	WEI- 21	WSH- 22	

ALS Canada Ltd.
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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16162837

Projet: KAN

Bon de commande #: K072

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
2103 Dollarton Hwy
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162837

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400923		3.02	<0.005		1.2	7.16	29	220	1.6	<2	0.35	1.5	36	103	90	13.35
400924		2.86	0.006		1.0	7.08	28	210	1.5	<2	0.51	2.2	20	93	84	12.45
400925		2.65	0.005		1.0	9.57	25	240	1.6	<2	1.14	2.4	23	114	75	8.43
400926		3.21	0.006		0.7	10.05	24	260	1.6	3	0.44	2.1	24	128	110	10.45
400927		0.06	1.320													
400928		2.48	0.016		1.1	10.10	42	260	1.5	<2	0.09	3.1	40	115	98	10.75
400929		2.61	0.019		1.4	9.56	53	250	1.3	<2	0.11	2.4	34	115	92	11.55
400930		2.67	0.014		1.0	8.97	37	230	1.3	<2	0.65	1.6	27	103	92	10.45
400931		0.22	<0.005													
400932		3.11	0.020		1.0	9.20	44	250	1.3	<2	0.48	1.7	31	109	79	9.90
400933		2.72	0.017		1.1	9.62	50	260	1.3	<2	0.53	2.0	28	112	89	10.60
400934		2.14	0.016		1.3	9.47	52	250	1.3	<2	1.10	1.8	22	108	89	10.65
400935		2.70	0.018		1.2	9.64	59	260	1.4	<2	0.54	1.6	26	115	67	9.19
400936		0.09	>10.0	17.70												
400937		2.55	0.023		0.9	9.48	61	250	1.6	<2	0.86	1.7	26	110	99	10.00
400938		2.90	0.015		0.7	8.35	78	210	2.0	<2	1.59	2.7	21	85	79	10.15
400939		1.97	0.031		1.4	8.09	95	150	2.7	<2	1.65	4.6	21	84	133	10.95
400940		2.30	0.054		3.6	2.29	73	80	1.0	<2	2.50	16.5	15	52	385	17.80

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162837

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400923		20	2.98	20	0.91	460	13	0.13	108	410	18	7.33	5	15	33	<20
400924		20	2.70	30	1.17	919	9	0.12	91	380	13	6.39	<5	15	33	<20
400925		30	4.26	50	1.08	451	9	0.18	96	390	11	4.86	8	21	64	<20
400926		30	4.59	30	0.71	217	10	0.19	117	270	12	6.13	6	20	47	<20
400927																
400928		30	4.44	30	0.54	137	9	0.20	113	260	29	7.82	9	18	42	<20
400929		30	4.19	20	0.56	106	11	0.19	121	240	32	8.85	6	17	42	<20
400930		20	3.98	30	0.80	648	8	0.18	108	250	25	6.72	8	17	52	<20
400931																
400932		20	4.18	20	0.66	205	10	0.19	102	230	27	7.57	7	18	50	<20
400933		30	4.19	20	0.70	239	9	0.33	113	240	32	7.80	10	19	57	<20
400934		30	3.85	30	1.12	423	10	0.60	113	240	29	6.90	<5	20	70	<20
400935		30	3.87	30	0.69	239	11	0.99	91	210	32	7.18	<5	17	59	<20
400936																
400937		30	3.81	30	0.83	316	8	1.02	104	230	31	7.50	7	25	66	<20
400938		20	3.37	40	1.10	576	9	0.68	101	240	32	8.10	5	18	71	<20
400939		20	3.69	40	1.11	944	28	0.16	138	600	56	9.25	19	14	66	<20
400940		10	0.89	30	1.47	3480	140	0.03	324	3400	114	>10.0	<5	5	66	<20

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162837

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400923		0.24	10	10	204	<10	481
400924		0.23	<10	10	186	<10	593
400925		0.35	10	10	159	<10	649
400926		0.36	10	10	182	<10	539
400927							
400928		0.39	10	10	193	<10	792
400929		0.34	10	10	196	<10	686
400930		0.31	10	10	157	<10	399
400931							
400932		0.32	10	10	166	<10	430
400933		0.34	10	10	180	<10	498
400934		0.28	<10	10	195	<10	476
400935		0.31	10	10	181	<10	444
400936							
400937		0.28	10	10	170	<10	418
400938		0.22	<10	10	169	<10	534
400939		0.22	10	20	348	<10	791
400940		0.06	<10	60	1310	<10	2710

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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162837

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 23	PUL- 31	PUL- QC
	SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16162839

Projet: KAN

Bon de commande #: K072

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT		

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SPL- 21d	Échantillon fractionné - dupliquer
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162839

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400921		3.24	<0.05	<0.05	<0.05	<0.001	90.85	1325.5	<0.01	<0.01
400922		<0.02	<0.05	<0.05	<0.05	<0.001	80.10	1387.5	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162839

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 21d	PUL- 21
SCR- 21	SPL- 21d	SPLIT- Z	WEI- 21
WSH- 22			

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16162840

Projet: KAN

Bon de commande #: K073

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162840

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400941		2.55	0.058		3.4	1.84	57	70	0.8	<2	3.50	14.1	7	42	445	16.85
400942		<0.02	0.072		3.2	1.83	63	70	0.8	<2	3.51	13.5	10	43	446	17.10
400943		1.54	0.043		3.6	2.39	92	90	1.1	4	2.84	15.4	18	50	481	18.05
400944		1.53	0.029		2.3	5.19	198	50	2.3	3	1.16	10.9	34	69	144	16.85
400945		2.30	0.038		2.9	4.52	143	110	2.0	<2	2.77	8.6	19	70	159	18.05
400946		2.32	0.058		3.0	3.25	113	60	1.4	<2	1.19	14.5	35	58	310	19.30
400947		0.06	1.360													
400948		2.35	0.027		2.3	6.72	83	110	2.5	<2	0.77	9.6	28	112	185	13.05
400949		3.18	0.063		3.4	2.74	139	100	1.4	4	1.45	21.2	30	64	291	15.70
400950		1.82	0.053		3.0	3.83	78	150	1.5	<2	1.91	14.5	14	63	321	14.85
400951		0.23	<0.005													
400952		2.24	0.025		1.8	3.82	56	140	1.4	<2	2.11	7.8	11	59	326	13.40
400953		2.02	0.037		1.6	6.21	118	70	1.8	2	1.47	4.1	14	71	153	13.05
400954		2.10	0.017		1.2	9.45	87	290	2.1	3	0.49	3.2	26	114	93	10.25
400955		2.76	<0.005		<0.5	8.88	53	280	2.1	<2	0.63	2.7	21	115	131	9.54
400956		0.08	>10.0	17.95												
400957		2.56	0.011		0.5	9.15	29	300	2.9	<2	1.16	0.8	10	104	201	10.60
400958		2.58	0.012		1.3	4.26	89	110	1.8	<2	2.45	<0.5	28	63	282	16.20
400959		2.83	0.033		2.5	3.24	9	100	1.5	<2	1.15	1.3	<1	64	492	17.05
400960		2.32	0.039		1.8	4.05	43	100	1.8	5	1.68	30.3	23	82	553	17.15

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CERTIFICAT D'ANALYSE VO16162840

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400941		10	0.72	20	1.78	4520	122	0.02	331	3550	87	9.55	9	4	82	<20
400942		10	0.72	20	1.79	4570	121	0.02	329	3420	84	9.92	13	4	83	<20
400943		10	1.01	30	1.42	3590	123	0.03	331	3310	99	>10.0	9	5	77	<20
400944		10	2.34	30	0.86	983	66	0.08	171	740	76	>10.0	27	9	44	<20
400945		10	1.95	30	1.56	2520	66	0.07	247	1640	88	>10.0	23	8	74	<20
400946		10	1.38	30	0.87	1960	113	0.03	287	1720	95	>10.0	11	7	42	<20
400947																
400948		20	3.15	30	0.75	957	62	0.12	202	1140	76	9.87	15	16	41	<20
400949		10	1.30	30	0.88	1950	152	0.04	225	2180	100	>10.0	10	6	50	<20
400950		10	1.68	30	1.06	2060	106	0.05	233	2060	89	10.0	6	8	66	<20
400951																
400952		10	1.73	30	1.13	2120	68	0.06	234	1980	56	8.86	6	9	70	<20
400953		20	2.90	30	0.85	899	42	0.10	150	620	69	>10.0	10	11	49	<20
400954		20	4.27	30	0.68	297	21	0.17	115	440	42	8.79	8	20	40	<20
400955		30	4.06	30	0.78	417	12	0.18	114	320	26	6.94	<5	16	46	<20
400956																
400957		30	4.08	40	1.07	723	21	0.21	190	560	22	5.48	<5	19	63	<20
400958		10	1.94	30	1.54	2680	69	0.08	307	2010	74	>10.0	<5	9	78	<20
400959		10	1.23	30	0.98	835	170	0.10	434	1860	76	9.30	<5	7	70	<20
400960		10	1.96	30	1.06	1070	134	0.05	393	670	67	>10.0	<5	10	56	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162840

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400941		0.05	<10	50	1035	<10	2270
400942		0.05	10	50	1060	<10	2250
400943		0.07	<10	50	1185	<10	2460
400944		0.11	<10	30	671	<10	1800
400945		0.10	<10	30	682	<10	1455
400946		0.09	<10	50	1110	<10	2430
400947							
400948		0.22	<10	30	627	<10	1625
400949		0.07	<10	60	1455	<10	3380
400950		0.11	<10	40	913	<10	2350
400951							
400952		0.11	10	30	626	<10	1355
400953		0.14	<10	20	459	<10	774
400954		0.30	<10	10	281	<10	614
400955		0.25	10	10	172	<10	559
400956							
400957		0.20	10	10	219	<10	188
400958		0.13	<10	30	835	<10	45
400959		0.07	<10	70	1785	<10	241
400960		0.09	<10	50	1750	10	4830

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162840

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16162847

Projet: KAN

Bon de commande #: K074

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162847

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400964		1.89	0.16	0.85	0.15	0.030	35.24	1817.0	0.15	0.15
400965		3.77	0.19	0.16	0.20	0.004	25.55	2822	0.17	0.22
400966		2.75	0.09	<0.05	0.10	<0.001	29.58	2915	0.09	0.10
400967		0.04							1.31	
400968		3.58	<0.05	<0.05	<0.05	<0.001	30.01	3532	0.01	0.01
400969		2.55	<0.05	<0.05	<0.05	<0.001	38.50	2505	<0.01	<0.01
400970		2.63	<0.05	<0.05	<0.05	<0.001	34.94	2552	<0.01	<0.01
400971		0.20							<0.01	
400972		2.98	<0.05	<0.05	<0.05	<0.001	35.05	2910	<0.01	<0.01
400973		2.77	<0.05	<0.05	<0.05	<0.001	33.18	2708	0.01	0.01
400974		2.82	<0.05	<0.05	<0.05	<0.001	32.83	2817	<0.01	<0.01
400975		3.18	<0.05	<0.05	<0.05	<0.001	35.90	3125	0.01	0.01
400976		0.08							17.75	
400977		2.67	<0.05	0.12	<0.05	0.014	119.75	2549	0.01	0.01
400978		3.07	0.44	0.42	0.45	0.041	96.86	3007	0.44	0.45
400979		2.95	<0.05	<0.05	<0.05	<0.001	93.32	2655	0.01	<0.01
400980		2.76	0.07	<0.05	0.08	<0.001	93.73	2827	0.08	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16162847

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 23	PUL- 21
SCR- 21	SPLIT- Z	WEI- 21	WSH- 22

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163324

Projet: KAN

Bon de commande #: K076

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SPL- 21d	Échantillon fractionné - dupliquer
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163324

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
401001		2.11	0.06	0.11	0.06	0.006	55.40	973.7	0.09	0.03
401002		<0.02	<0.05	<0.05	<0.05	<0.001	43.26	904.7	0.01	0.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163324

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 21d	PUL- 21
SCR- 21	SPL- 21d	SPLIT- Z	WEI- 21
WSH- 22			

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163333

Projet: KAN

Bon de commande #: K076

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163333

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401003		3.72	<0.005		<0.5	7.36	16	120	1.0	<2	2.26	<0.5	50	184	28	17.05
401004		2.76	0.005		<0.5	6.86	44	370	1.3	<2	6.05	<0.5	51	140	104	9.08
401005		2.91	<0.005		<0.5	6.80	35	70	0.5	<2	6.08	0.5	45	131	90	9.57
401006		2.83	<0.005		<0.5	6.77	29	40	0.5	<2	6.31	0.5	42	132	124	9.16
401007		0.06	1.350													
401008		2.95	0.005		<0.5	6.51	32	50	0.5	<2	6.21	0.6	48	131	131	8.56
401009		2.53	0.013		<0.5	6.32	34	20	<0.5	<2	6.94	0.5	46	123	130	8.49
401010		2.02	<0.005		<0.5	6.84	31	10	<0.5	<2	6.80	<0.5	50	123	131	8.74
401011		0.26	0.009													
401012		2.68	<0.005		<0.5	6.94	46	10	0.7	<2	4.59	0.5	56	126	40	9.32
401013		2.41	<0.005		<0.5	6.31	43	<10	<0.5	<2	5.69	0.5	48	97	50	8.81
401014		2.05	<0.005		<0.5	5.91	44	<10	<0.5	<2	5.37	<0.5	48	99	71	8.49
401015		2.76	<0.005		<0.5	6.88	55	10	<0.5	<2	6.16	0.5	55	116	68	9.02
401016		0.09	>10.0	17.70												
401017		2.96	<0.005		<0.5	5.70	52	10	<0.5	<2	6.91	<0.5	46	114	21	8.25
401018		2.25	0.005		<0.5	6.35	57	10	<0.5	<2	7.54	<0.5	52	128	82	9.29
401019		2.33	<0.005		<0.5	6.96	46	230	0.9	<2	5.34	<0.5	46	116	121	9.46
401020		2.65	<0.005		<0.5	7.68	15	510	1.6	<2	1.42	<0.5	16	85	21	8.06

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163333

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401003		30	0.51	10	5.68	2900	<1	0.03	113	520	<2	0.20	<5	37	49	<20
401004		20	1.28	<10	3.95	1480	<1	0.53	92	420	2	0.02	<5	43	129	<20
401005		20	0.36	<10	4.35	1565	1	1.14	89	470	<2	0.02	<5	43	127	<20
401006		20	0.40	<10	4.08	1455	<1	1.54	88	390	2	0.07	<5	43	130	<20
401007																
401008		20	0.68	<10	3.83	1420	1	1.54	86	380	<2	0.07	<5	40	128	<20
401009		20	0.08	<10	3.86	1565	<1	1.40	82	360	<2	0.06	<5	38	145	<20
401010		20	0.04	<10	4.43	1575	<1	1.56	138	390	7	0.07	<5	37	131	<20
401011																
401012		20	0.08	<10	5.92	1825	<1	1.06	195	370	2	0.01	<5	30	105	<20
401013		20	0.04	<10	5.20	1805	<1	0.78	171	310	2	0.01	<5	30	138	<20
401014		20	0.04	<10	5.26	1550	<1	0.54	160	590	4	0.02	<5	30	111	<20
401015		20	0.05	<10	5.25	1530	<1	1.23	195	320	2	0.01	<5	33	131	<20
401016																
401017		20	0.05	<10	3.78	1790	1	1.03	128	440	9	0.05	<5	34	166	<20
401018		20	0.08	<10	4.23	1940	<1	1.06	140	400	<2	0.01	<5	39	172	<20
401019		20	1.46	10	3.40	3260	<1	1.16	103	410	2	0.08	5	37	116	<20
401020		20	2.56	30	1.99	5000	1	0.41	41	290	5	0.17	<5	12	51	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163333

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401003		0.87	<10	<10	421	<10	87
401004		0.72	<10	<10	363	<10	76
401005		0.71	<10	<10	367	<10	84
401006		0.70	<10	<10	360	<10	87
401007							
401008		0.69	<10	<10	342	<10	86
401009		0.64	<10	<10	323	<10	90
401010		0.64	<10	<10	322	<10	98
401011							
401012		0.57	<10	<10	308	<10	123
401013		0.47	<10	<10	283	<10	105
401014		0.47	<10	<10	248	<10	97
401015		0.58	<10	<10	302	<10	100
401016							
401017		0.56	<10	<10	274	10	97
401018		0.69	<10	<10	318	<10	104
401019		0.63	<10	<10	314	<10	98
401020		0.29	<10	<10	110	<10	85

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163333

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 23	PUL- 31	PUL- QC
	SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163339

Projet: KAN

Bon de commande #: K075

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163339

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400981		3.19	<0.05	<0.05	<0.05	<0.001	32.00	1459.5	<0.01	<0.01
400982		<0.02	<0.05	<0.05	<0.05	<0.001	37.61	1605.0	<0.01	<0.01
400983		2.92	<0.05	<0.05	<0.05	<0.001	34.52	2840	<0.01	<0.01
400984		3.63	<0.05	<0.05	<0.05	<0.001	25.66	3634	<0.01	<0.01
400985		2.74	0.06	<0.05	0.07	<0.001	33.45	2677	0.11	0.02
400986		2.43	0.07	<0.05	0.08	<0.001	43.40	2373	0.07	0.08
400987		0.06							1.32	
400988		2.72	<0.05	<0.05	<0.05	<0.001	39.75	2649	<0.01	<0.01
400989		3.49	<0.05	<0.05	<0.05	<0.001	50.14	3430	<0.01	<0.01
400990		2.90	<0.05	<0.05	<0.05	<0.001	29.73	2844	<0.01	<0.01
400991		0.21							<0.01	
400992		3.09	<0.05	<0.05	<0.05	<0.001	22.05	3028	<0.01	<0.01
400993		2.07	<0.05	<0.05	<0.05	<0.001	32.58	2182	<0.01	<0.01
400994		2.53	<0.05	<0.05	<0.05	<0.001	36.11	2468	<0.01	<0.01
400995		0.85	<0.05	<0.05	<0.05	<0.001	17.69	810.9	<0.01	<0.01
400996		0.08							17.80	
400997		2.63	<0.05	0.07	<0.05	0.004	55.68	2502	<0.01	<0.01
400998		3.07	<0.05	<0.05	<0.05	<0.001	40.48	2998	<0.01	<0.01
400999		2.59	<0.05	0.10	<0.05	0.006	58.16	2495	<0.01	<0.01
401000		2.36	<0.05	<0.05	<0.05	<0.001	39.06	2265	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163339

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 21d	LOG- 23
PUL- 21	SCR- 21	SPL- 21d	SPLIT- Z
WEI- 21	WSH- 22		

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À: MINIÈRE OSISKO INC.
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Finalisée date: 11- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163344

Projet: KAN

Bon de commande #: K077

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163344

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401021		2.76	<0.005		<0.5	8.20	10	520	1.6	<2	0.49	<0.5	19	99	50	8.66
401022		<0.02	<0.005		<0.5	8.42	8	530	1.7	2	0.49	<0.5	20	104	44	8.75
401023		2.03	<0.005		<0.5	8.18	11	530	1.9	<2	0.40	<0.5	15	96	26	6.00
401024		2.34	<0.005		<0.5	9.32	7	530	2.2	<2	0.20	<0.5	11	92	27	4.89
401025		2.15	<0.005		<0.5	9.25	<5	480	2.1	<2	0.11	<0.5	9	84	26	4.76
401026		2.75	<0.005		<0.5	9.74	<5	490	2.2	2	0.09	<0.5	12	84	24	4.75
401027		0.03	1.265													
401028		2.12	0.006		<0.5	9.22	<5	440	2.2	<2	0.05	<0.5	8	79	29	5.56
401029		1.86	<0.005		<0.5	9.22	<5	450	2.4	<2	0.18	<0.5	10	83	39	5.47
401030		2.67	<0.005		<0.5	9.27	<5	440	2.2	<2	0.05	<0.5	10	82	22	5.42
401031		0.20	<0.005													
401032		2.72	<0.005		<0.5	9.17	<5	440	2.2	<2	0.07	<0.5	11	84	26	5.06
401033		1.95	<0.005		<0.5	9.45	<5	470	2.2	2	0.05	<0.5	11	89	32	4.93
401034		1.46	0.005		<0.5	8.92	<5	420	1.9	<2	0.06	<0.5	13	86	50	6.16
401035		1.62	<0.005		<0.5	9.32	11	510	2.1	<2	0.06	<0.5	11	85	20	4.29
401036		0.07	>10.0	17.60												
401037		1.84	0.006		<0.5	8.93	<5	500	2.0	<2	0.08	<0.5	10	82	28	5.24
401038		2.07	<0.005		<0.5	8.47	5	460	1.8	<2	0.22	<0.5	8	75	40	6.39
401039		1.75	<0.005		<0.5	8.63	<5	550	2.1	<2	0.04	<0.5	7	73	24	5.29
401040		2.14	0.011		<0.5	7.16	7	370	1.6	<2	1.34	<0.5	14	78	82	8.53

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163344

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401021		20	3.31	30	1.54	3970	2	0.05	44	270	3	0.71	<5	11	25	<20
401022		20	3.42	30	1.58	4230	2	0.05	44	290	2	0.56	<5	12	26	<20
401023		20	3.89	20	1.16	2500	2	0.25	32	190	13	0.25	<5	10	30	<20
401024		20	4.53	30	1.16	997	1	0.10	30	200	3	0.26	<5	12	29	<20
401025		20	4.18	30	1.14	602	1	0.13	27	190	11	0.25	<5	11	26	<20
401026		30	4.76	30	1.03	405	1	0.52	30	210	8	0.28	<5	11	29	<20
401027																
401028		20	4.15	30	1.06	361	1	0.49	26	220	<2	0.23	<5	10	29	<20
401029		20	3.92	30	1.09	381	1	0.36	29	210	2	0.32	<5	10	32	<20
401030		20	4.44	30	1.12	334	1	0.24	28	190	13	0.14	7	10	28	<20
401031																
401032		20	3.84	30	1.06	388	1	0.29	30	210	8	0.22	<5	10	30	<20
401033		20	3.92	30	1.06	357	1	0.26	33	200	13	0.28	<5	11	30	<20
401034		20	4.34	20	1.22	411	1	0.39	35	180	14	0.49	<5	10	28	<20
401035		20	4.08	30	0.98	241	1	0.32	33	240	11	0.14	<5	11	32	<20
401036																
401037		20	4.57	30	1.08	335	<1	0.60	30	180	14	0.22	<5	10	33	<20
401038		20	3.91	30	1.20	436	1	0.91	27	370	<2	0.46	<5	9	39	<20
401039		20	4.42	30	1.16	254	1	0.53	26	160	<2	0.13	<5	9	28	<20
401040		20	2.69	30	1.60	1175	<1	0.41	27	3630	4	0.92	<5	9	118	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163344

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401021		0.30	10	<10	102	<10	116
401022		0.31	10	<10	104	<10	117
401023		0.29	10	<10	93	<10	95
401024		0.32	<10	<10	91	<10	74
401025		0.31	<10	<10	81	<10	71
401026		0.32	<10	<10	78	<10	77
401027							
401028		0.30	<10	<10	74	<10	77
401029		0.30	<10	<10	77	<10	73
401030		0.30	<10	<10	78	<10	74
401031							
401032		0.30	<10	<10	75	<10	69
401033		0.31	<10	<10	76	<10	70
401034		0.29	<10	<10	70	<10	85
401035		0.30	<10	<10	69	<10	71
401036							
401037		0.29	<10	<10	68	<10	70
401038		0.28	<10	<10	61	<10	91
401039		0.28	<10	<10	65	<10	94
401040		0.23	<10	<10	76	<10	127

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163344

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163353

Projet: KAN

Bon de commande #: K054

Ce rapport s'applique aux 12 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SPL- 21d	Échantillon fractionné - dupliquer
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163353

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400311		2.84	<0.05	<0.05	<0.05	<0.001	39.67	1308.0	0.05	0.03
400312		<0.02	<0.05	<0.05	0.05	<0.001	47.11	1415.0	0.05	0.04
400313		2.64	<0.05	<0.05	<0.05	<0.001	70.41	2547	0.02	0.01
400314		2.77	<0.05	<0.05	<0.05	<0.001	57.40	2682	0.01	0.01
400315		2.50	<0.05	<0.05	<0.05	<0.001	35.11	2465	0.01	0.01
400316		2.85	<0.05	<0.05	<0.05	<0.001	52.42	2764	0.01	0.01
400317		0.05							1.30	
400318		2.53	<0.05	<0.05	<0.05	<0.001	58.10	2446	0.01	<0.01
400319		2.45	<0.05	<0.05	<0.05	<0.001	45.92	2375	<0.01	<0.01
400320		1.75	<0.05	<0.05	<0.05	<0.001	41.31	1691.0	<0.01	<0.01
400321		0.30							<0.01	
400322		3.17	<0.05	<0.05	<0.05	<0.001	23.83	2746	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163353

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 21	SCR- 21	SPL- 21d
SPLIT- Z	WEI- 21	WSH- 22	

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163360

Projet: KAN

Bon de commande #: K054

Ce rapport s'applique aux 8 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163360

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400323		2.64	0.013		0.9	6.59	<5	170	1.9	<2	0.23	<0.5	1	33	158	17.35
400324		2.89	0.053		2.0	4.40	81	50	1.1	<2	1.29	2.9	80	59	111	21.7
400325		2.92	0.041		2.1	5.69	65	110	1.3	<2	0.72	3.8	36	95	138	17.90
400326		0.09	>10.0	16.95												
400327		3.05	0.056		1.9	6.51	96	90	1.4	<2	0.63	3.1	30	92	91	16.50
400328		2.76	0.062		2.1	5.32	105	70	1.1	<2	1.54	3.3	23	60	93	18.45
400329		2.37	0.029		0.9	7.13	72	130	1.4	<2	0.38	3.0	27	122	101	15.50
400330		2.90	0.015		<0.5	8.68	38	250	1.7	<2	0.92	4.0	22	122	101	9.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163360

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400323		20	3.30	40	0.48	67	10	0.11	82	760	14	7.96	<5	13	19	<20
400324		10	2.09	30	0.89	704	13	0.07	75	570	79	>10.0	<5	10	42	<20
400325		20	2.84	20	0.80	359	17	0.11	107	280	84	>10.0	<5	11	38	<20
400326																
400327		20	3.20	30	0.75	226	23	0.12	132	270	95	>10.0	<5	11	38	<20
400328		20	2.59	30	1.06	504	20	0.12	133	220	107	>10.0	7	8	48	<20
400329		20	3.47	20	0.60	139	17	0.15	159	480	49	>10.0	<5	16	29	<20
400330		20	4.12	30	0.84	353	11	0.46	125	330	32	7.00	<5	19	41	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163360

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400323		0.24	<10	<10	127	<10	17
400324		0.18	<10	10	125	<10	696
400325		0.16	<10	10	182	<10	918
400326							
400327		0.18	10	10	264	<10	721
400328		0.16	<10	10	193	<10	774
400329		0.26	<10	10	229	<10	686
400330		0.31	<10	10	172	10	844

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163360

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 23	PUL- 31	PUL- QC
	SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163364

Projet: KAN

Bon de commande #: K055

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163364

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400331		2.05	0.016		0.5	9.75	37	260	1.9	<2	0.32	2.5	23	103	141	11.20
400332		<0.02	0.008		<0.5	9.11	37	250	1.8	<2	0.30	2.5	22	96	134	10.45
400333		2.04	<0.005		<0.5	8.81	41	240	1.8	<2	0.39	2.1	23	93	120	10.55
400334		1.75	0.011		<0.5	8.24	68	150	1.7	<2	1.75	4.5	19	85	97	10.80
400335		2.15	0.012		0.6	5.98	140	80	1.4	<2	1.46	6.4	15	78	37	13.25
400336		2.48	0.015		<0.5	6.34	96	120	1.4	<2	2.64	4.1	14	70	47	11.20
400337		0.05	1.265													
400338		2.31	0.055		1.1	5.58	141	80	1.2	<2	0.97	7.7	17	74	73	13.30
400339		1.79	0.081		2.1	3.58	171	50	0.8	<2	2.12	13.1	18	59	182	15.90
400340		2.43	0.014		0.8	7.41	52	160	2.0	<2	1.07	14.3	8	83	332	12.80
400341		0.26	<0.005													
400342		2.65	0.027		1.6	5.41	18	120	1.8	<2	1.27	12.8	12	65	604	17.65
400343		2.64	0.022		0.9	5.67	65	110	1.5	<2	2.37	7.0	16	68	249	12.50
400344		2.30	0.042		1.3	3.11	67	100	0.9	<2	3.87	7.6	13	51	280	13.65
400345		2.36	0.048		1.7	2.88	58	90	0.9	<2	2.41	13.3	16	56	388	13.60
400346		0.08	>10.0	18.40												
400347		2.48	0.056		1.5	3.15	50	90	0.9	<2	2.46	10.8	17	51	699	14.65
400348		2.30	0.023		0.6	7.00	76	110	1.8	<2	1.53	6.1	19	83	232	12.75
400349		2.03	0.033		1.3	2.33	156	80	0.7	<2	3.89	9.6	16	41	150	14.15
400350		2.67	0.038		1.2	2.86	153	110	0.8	<2	5.72	3.7	12	39	29	12.45

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163364

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400331		20	4.15	30	0.66	138	11	1.07	130	230	38	8.56	5	18	39	<20
400332		20	3.95	30	0.62	128	10	1.00	123	210	37	8.04	<5	17	37	<20
400333		20	3.77	30	0.70	282	10	0.93	113	220	27	8.22	<5	16	37	<20
400334		20	3.75	30	1.19	618	13	0.50	115	230	38	9.46	<5	14	57	<20
400335		20	2.88	30	0.92	497	25	0.12	133	360	62	>10.0	6	12	46	<20
400336		20	2.98	30	1.43	833	17	0.21	117	270	56	>10.0	6	13	69	<20
400337																
400338		10	2.71	30	0.67	363	48	0.09	194	350	72	>10.0	<5	10	34	<20
400339		10	1.71	30	0.97	817	91	0.05	278	1320	100	>10.0	5	8	59	<20
400340		20	3.39	30	0.88	448	35	0.29	208	380	38	8.75	6	15	42	<20
400341																
400342		20	2.50	30	0.80	687	55	0.23	316	750	34	>10.0	<5	10	39	<20
400343		20	2.67	30	1.27	626	39	0.22	182	420	43	9.94	<5	10	54	<20
400344		10	1.28	20	1.99	1380	81	0.06	222	1640	60	>10.0	7	6	79	<20
400345		10	1.19	30	1.23	954	112	0.06	257	1470	64	>10.0	5	6	59	<20
400346																
400347		10	1.39	20	1.21	918	95	0.05	310	1380	49	>10.0	<5	6	55	<20
400348		20	3.27	30	1.00	630	43	0.12	210	790	35	>10.0	<5	13	44	<20
400349		10	1.06	20	1.88	1075	80	0.03	214	900	66	>10.0	5	5	60	<20
400350		10	1.41	10	2.77	997	38	0.05	117	180	82	>10.0	16	6	64	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163364

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400331		0.28	10	10	191	<10	554
400332		0.26	<10	10	178	<10	554
400333		0.23	<10	10	172	<10	474
400334		0.23	10	10	198	<10	885
400335		0.15	<10	10	313	10	1265
400336		0.19	10	20	230	<10	817
400337							
400338		0.15	<10	20	625	<10	1575
400339		0.11	<10	40	1130	10	2630
400340		0.22	10	20	447	10	2660
400341							
400342		0.13	<10	20	528	10	2260
400343		0.15	<10	20	447	<10	1305
400344		0.10	<10	40	762	10	1415
400345		0.09	10	50	1035	10	2350
400346							
400347		0.09	<10	40	871	10	1925
400348		0.20	<10	20	503	10	1150
400349		0.09	<10	40	785	10	1765
400350		0.10	<10	20	350	<10	786

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163364

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163383

Projet: KAN

Bon de commande #: K053

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 6- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163383

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400309		2.08	<0.05	<0.05	<0.05	<0.001	33.97	2026	<0.01	<0.01
400310		2.95	<0.05	<0.05	<0.05	<0.001	39.00	2891	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 6- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163383

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	PUL- 21	SCR- 21
SPLIT- Z	WEI- 21	WSH- 22	

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À: MINIÈRE OSISKO INC.
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Finalisée date: 17- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163393

Projet: KAN

Bon de commande #: K059

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21d	Notation déchantillon- ClientBarCode dup
WSH- 22	"Nettoyer" pulvérisateurs
SPLIT- Z	Diviser Pulp pour envoyer
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163393

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399911		2.57	0.06	0.18	0.05	0.011	61.83	1120.0	0.05	0.05
399912		<0.02	<0.05	<0.05	<0.05	<0.001	112.20	1213.0	0.01	0.01
399913		2.47	<0.05	<0.05	<0.05	<0.001	117.90	2327	0.02	0.01
399914		2.74	<0.05	<0.05	<0.05	<0.001	146.85	2557	0.01	<0.01
399915		2.42	<0.05	0.07	<0.05	0.008	118.95	2265	0.01	0.02
399916		2.71	<0.05	<0.05	<0.05	<0.001	121.60	2554	0.02	<0.01
399917		0.06							1.38	
399918		2.71	0.43	3.04	0.30	0.381	125.40	2544	0.30	0.30
399919		3.10	0.09	0.61	0.07	0.085	140.15	2930	0.05	0.08
399920		2.61	<0.05	<0.05	<0.05	<0.001	158.75	2420	0.01	0.02
399921		0.25							<0.01	
399922		2.91	<0.05	<0.05	<0.05	<0.001	89.63	2801	0.02	0.04
399923		2.69	0.49	3.14	0.40	0.281	89.45	2575	0.39	0.41
399924		2.38	0.09	1.90	<0.05	0.218	115.00	2243	<0.01	<0.01
399925		2.80	<0.05	<0.05	<0.05	<0.001	119.90	2653	0.01	0.04
399926		0.08							17.75	
399927		3.08	<0.05	<0.05	<0.05	<0.001	135.90	2929	0.01	0.01
399928		3.22	<0.05	<0.05	<0.05	<0.001	108.60	3091	0.01	0.01
399929		2.44	0.14	2.18	<0.05	0.331	152.10	2244	<0.01	0.01
399930		3.01	<0.05	<0.05	<0.05	<0.001	55.56	2837	0.01	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163393

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 21d
PUL- 21	SCR- 21	SPL- 21d	SPLIT- Z
WEI- 21	WSH- 22		

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À: MINIÈRE OSISKO INC.
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Finalisée date: 16- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163396

Projet: KAN

Bon de commande #: K058

Ce rapport s'applique aux 3 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163396

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
400391		2.67	0.008	1.0	10.00	32	240	1.6	<2	0.27	1.3	23	105	108	9.33	20
400392		<0.02	0.022	0.9	9.90	32	240	1.6	<2	0.27	1.6	25	105	113	9.42	20
400393		2.58	0.005	0.8	9.32	10	250	1.8	3	0.38	3.6	10	88	186	10.85	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163396

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
400391		4.50	30	0.53	155	11	0.37	107	230	32	7.04	<5	18	43	<20	0.30
400392		4.43	40	0.53	162	11	0.36	109	240	37	7.19	<5	18	41	<20	0.31
400393		4.13	40	0.54	206	11	0.39	147	210	10	5.93	<5	16	45	<20	0.22

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163396

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400391		<10	10	195	<10	303
400392		<10	10	192	<10	338
400393		10	10	183	<10	649

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163396

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	CRU- QC	LOG- 21
	LOG- 21d	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163400

Projet: KAN

Bon de commande #: K058

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
WSH- 22	"Nettoyer" pulvérisateurs
SPLIT- Z	Diviser Pulp pour envoyer
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163400

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400394		1.96	<0.05	0.14	<0.05	0.013	91.03	1822.0	0.02	0.01
400395		2.14	<0.05	<0.05	<0.05	<0.001	173.00	1968.5	<0.01	0.05
400396		1.88	<0.05	<0.05	<0.05	<0.001	115.50	1718.0	<0.01	<0.01
400397		0.05							1.29	
400398		1.99	<0.05	<0.05	<0.05	<0.001	110.25	1921.0	<0.01	<0.01
400399		2.69	<0.05	<0.05	<0.05	<0.001	153.85	2511	<0.01	<0.01
400400		2.64	<0.05	<0.05	<0.05	<0.001	161.15	2507	<0.01	<0.01
399901		0.27							<0.01	
399902		2.52	<0.05	<0.05	<0.05	<0.001	159.20	2347	0.03	<0.01
399903		2.23	<0.05	<0.05	<0.05	<0.001	138.75	2100	0.01	<0.01
399904		2.41	<0.05	<0.05	<0.05	<0.001	113.05	2298	<0.01	0.01
399905		2.68	<0.05	<0.05	<0.05	<0.001	99.11	2550	<0.01	0.01
399906		0.10							17.25	
399907		2.76	<0.05	<0.05	<0.05	<0.001	38.39	2661	0.01	<0.01
399908		2.40	0.06	0.20	0.06	0.009	45.47	2328	0.04	0.08
399909		2.01	0.74	3.96	0.62	0.292	73.80	1917.5	0.67	0.56
399910		2.77	0.48	8.85	0.31	0.486	54.89	2672	0.28	0.34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163400

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 21	SCR- 21	SPLIT- Z	WEI- 21
WSH- 22			

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16163406

Projet: KAN

Bon de commande #: K060

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 27- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
WSH- 22	"Nettoyer" pulvérisateurs
SPLIT- Z	Diviser Pulp pour envoyer
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPL- 21d	Échantillon fractionné - dupliquer
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163406

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399931		3.44	<0.05	<0.05	<0.05	<0.001	60.69	1686.5	<0.01	<0.01
399932		<0.02	<0.05	<0.05	<0.05	<0.001	171.35	1501.5	0.02	0.01
399933		2.78	<0.05	<0.05	<0.05	<0.001	132.05	2636	<0.01	<0.01
399934		2.83	<0.05	<0.05	<0.05	<0.001	137.40	2783	<0.01	<0.01
399935		3.24	<0.05	<0.05	<0.05	<0.001	175.75	3044	0.02	<0.01
399936		2.86	<0.05	<0.05	<0.05	<0.001	152.50	2695	<0.01	0.02
399937		0.05							1.37	
399938		3.14	<0.05	<0.05	<0.05	<0.001	211.1	2909	<0.01	<0.01
399939		2.91	<0.05	<0.05	<0.05	<0.001	136.15	2760	<0.01	<0.01
399940		2.88	<0.05	<0.05	<0.05	<0.001	169.30	2699	<0.01	<0.01
399941		0.23							<0.01	
399942		2.75	<0.05	<0.05	<0.05	<0.001	137.10	2596	<0.01	<0.01
399943		2.90	<0.05	<0.05	<0.05	<0.001	176.90	2708	<0.01	<0.01
399944		2.63	<0.05	<0.05	<0.05	<0.001	138.05	2481	<0.01	<0.01
399945		2.41	<0.05	<0.05	<0.05	<0.001	135.25	2253	<0.01	<0.01
399946		0.08							17.70	
399947		2.65	<0.05	<0.05	<0.05	<0.001	168.45	2471	<0.01	<0.01
399948		1.81	<0.05	<0.05	<0.05	<0.001	67.46	1706.5	<0.01	<0.01
399949		3.48	<0.05	<0.05	<0.05	<0.001	130.55	3329	<0.01	<0.01
399950		3.05	<0.05	<0.05	<0.05	<0.001	134.10	2899	<0.01	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16163406

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 21	SCR- 21	SPL- 21d
SPLIT- Z	WEI- 21	WSH- 22	

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16164213

Projet: KAN

Bon de commande #: K044

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164213

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399361		<0.5	0.23	<5	10	0.5	<2	1.70	<0.5	3	13	1	26.3	<10	0.03	<10
399362		<0.5	0.23	<5	10	0.6	<2	1.66	0.8	4	14	1	26.5	<10	0.03	<10
399363		<0.5	0.34	12	<10	<0.5	6	1.33	0.5	6	14	<1	24.4	<10	<0.01	10
399364		<0.5	0.59	<5	<10	0.5	3	1.27	<0.5	5	24	3	22.7	<10	<0.01	10
399365		<0.5	0.09	<5	<10	<0.5	<2	1.06	<0.5	2	25	2	19.30	<10	<0.01	<10
399366		<0.5	0.04	<5	<10	<0.5	<2	0.77	<0.5	2	10	<1	17.90	<10	<0.01	<10
399368		<0.5	0.27	7	10	<0.5	2	1.21	<0.5	7	14	1	22.9	<10	0.01	10
399369		<0.5	0.37	<5	10	<0.5	3	1.34	<0.5	7	16	4	24.7	<10	0.01	10
399370		<0.5	0.21	5	10	0.5	<2	1.36	<0.5	6	15	1	19.55	<10	0.01	<10
399372		<0.5	0.24	12	<10	1.0	<2	1.37	0.6	8	13	1	22.8	<10	<0.01	10
399373		<0.5	0.48	<5	10	<0.5	<2	2.84	1.1	9	20	2	23.7	<10	0.01	10
399374		<0.5	0.42	10	20	<0.5	<2	6.33	0.8	13	14	5	19.70	<10	0.03	10
399375		<0.5	0.91	<5	<10	1.2	<2	1.66	0.7	10	29	5	20.5	10	<0.01	10
399377		<0.5	0.40	<5	<10	<0.5	<2	1.24	0.7	5	19	2	17.90	<10	<0.01	10
399378		<0.5	0.64	5	<10	<0.5	<2	1.67	<0.5	6	21	4	22.5	<10	<0.01	10
399379		<0.5	0.63	210	<10	<0.5	<2	1.66	<0.5	5	18	40	18.85	<10	0.01	10
399380		1.1	0.95	455	<10	<0.5	<2	3.91	0.6	8	22	144	20.8	10	0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164213

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399361		3.75	8000	1	<0.01	4	260	3	0.09	<5	1	31	<20	0.03	<10	<10
399362		3.76	8050	1	<0.01	2	250	4	0.09	<5	1	30	<20	0.03	<10	<10
399363		3.28	9090	1	<0.01	5	340	2	0.08	<5	1	21	<20	0.03	<10	<10
399364		3.07	8220	<1	<0.01	2	460	5	0.32	<5	1	20	<20	0.06	<10	<10
399365		2.77	5940	<1	<0.01	<1	190	3	0.20	<5	<1	15	<20	0.01	10	<10
399366		2.53	5540	<1	<0.01	1	130	<2	0.07	<5	<1	10	<20	<0.01	<10	<10
399368		3.20	7480	1	<0.01	3	300	2	0.11	<5	1	19	<20	0.02	10	<10
399369		3.55	8460	1	<0.01	5	250	3	0.26	<5	1	23	<20	0.03	<10	<10
399370		2.76	8020	<1	<0.01	5	250	2	0.10	<5	1	25	<20	0.02	10	<10
399372		3.10	10050	<1	<0.01	4	410	4	0.12	<5	1	22	<20	0.02	10	<10
399373		3.68	10200	<1	<0.01	7	360	4	0.25	<5	1	56	<20	0.05	<10	<10
399374		4.06	9340	1	<0.01	6	360	4	0.46	<5	1	136	<20	0.04	<10	<10
399375		3.11	9590	1	<0.01	9	550	<2	0.23	<5	2	29	<20	0.10	10	<10
399377		2.59	10050	<1	<0.01	4	310	<2	0.09	<5	1	18	<20	0.04	<10	<10
399378		3.33	13400	<1	<0.01	8	590	3	0.23	<5	2	28	<20	0.08	<10	<10
399379		2.87	12150	<1	0.02	26	620	5	2.18	<5	2	30	<20	0.02	<10	<10
399380		3.62	12600	<1	<0.01	88	710	9	6.57	<5	3	70	<20	0.03	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164213

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399361		19	<10	12
399362		19	<10	11
399363		25	<10	13
399364		42	<10	16
399365		8	<10	17
399366		5	<10	13
399368		22	<10	9
399369		26	<10	18
399370		16	<10	9
399372		21	<10	8
399373		32	<10	19
399374		27	<10	22
399375		62	<10	15
399377		25	<10	12
399378		45	<10	28
399379		33	<10	51
399380		45	<10	73

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164213

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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Finalisée date: 9- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16164252

Projet: KAN

Bon de commande #: K042

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

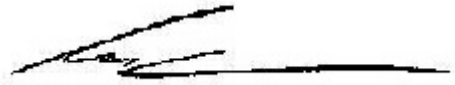
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164252

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399321		<0.5	0.08	1420	<10	<0.5	<2	2.53	0.7	8	9	93	22.5	<10	<0.01	10
399322		<0.5	0.08	1510	<10	<0.5	<2	2.44	<0.5	6	10	91	22.3	<10	<0.01	10
399323		0.6	0.28	443	<10	<0.5	<2	2.94	0.5	9	11	131	26.1	<10	<0.01	10
399324		0.6	0.32	282	<10	<0.5	2	2.47	0.7	6	11	129	25.1	<10	<0.01	10
399325		0.6	0.14	147	<10	<0.5	<2	1.80	<0.5	4	10	147	23.9	<10	0.01	10
399326		1.0	0.06	110	<10	<0.5	<2	4.68	1.1	5	9	181	24.7	<10	<0.01	10
399328		0.7	0.20	108	<10	<0.5	<2	6.57	0.8	5	9	159	19.35	<10	<0.01	10
399329		0.9	1.03	<5	20	<0.5	5	7.22	0.6	8	19	223	26.3	<10	0.18	10
399330		0.5	2.27	19	80	0.6	<2	6.03	0.7	47	25	156	20.5	10	1.06	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164252

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399321		3.67	8480	1	0.01	45	240	7	5.41	<5	<1	60	<20	<0.01	<10	<10
399322		3.65	8420	<1	0.01	44	220	5	5.31	<5	<1	58	<20	<0.01	<10	<10
399323		4.65	10550	1	0.02	65	250	9	6.90	<5	1	68	<20	0.01	10	<10
399324		4.69	12100	1	0.02	69	450	8	7.05	<5	1	61	<20	0.01	<10	<10
399325		3.85	10350	<1	0.02	82	180	5	7.20	<5	<1	49	<20	<0.01	<10	<10
399326		4.33	8900	1	<0.01	104	240	10	8.39	<5	1	137	<20	<0.01	<10	<10
399328		3.95	6620	1	<0.01	89	100	4	6.72	<5	2	201	<20	<0.01	<10	<10
399329		5.14	6920	8	0.01	146	120	10	9.57	<5	3	229	<20	0.05	10	<10
399330		2.94	4900	5	0.03	106	140	12	>10.0	<5	6	222	<20	0.09	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164252

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399321		7	<10	54
399322		8	<10	53
399323		23	<10	67
399324		24	<10	69
399325		12	<10	53
399326		7	<10	43
399328		14	<10	36
399329		47	<10	58
399330		56	<10	22

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164252

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 7- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16164262

Projet: KAN

Bon de commande #: K043

Ce rapport s'applique aux 7 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164262

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399353		<0.5	0.17	49	<10	<0.5	<2	5.81	0.7	4	11	69	12.45	<10	0.01	10
399354		<0.5	0.29	58	<10	<0.5	<2	6.85	0.9	4	8	49	18.00	<10	0.01	10
399355		<0.5	0.14	33	<10	<0.5	2	2.29	<0.5	3	9	6	20.1	<10	0.01	10
399357		<0.5	0.21	15	20	<0.5	<2	1.49	0.7	3	11	3	22.1	<10	0.04	10
399358		<0.5	0.14	26	10	<0.5	<2	1.49	0.9	3	9	1	23.6	<10	0.02	<10
399359		<0.5	0.10	<5	<10	<0.5	2	1.35	0.9	3	12	1	22.2	<10	0.02	<10
399360		<0.5	0.05	<5	<10	0.5	<2	4.34	0.6	3	7	<1	21.5	<10	0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164262

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399353		3.08	4770	<1	0.01	32	130	7	3.53	<5	<1	169	<20	<0.01	<10	<10
399354		4.66	6700	<1	0.01	16	200	7	3.03	<5	<1	135	<20	<0.01	<10	<10
399355		2.92	6310	<1	0.01	5	270	2	0.44	<5	<1	49	<20	<0.01	<10	<10
399357		2.87	7390	<1	<0.01	4	230	4	0.33	<5	<1	34	<20	0.01	<10	<10
399358		3.29	7550	<1	<0.01	3	160	6	0.11	<5	<1	28	<20	0.01	<10	<10
399359		3.39	7100	<1	0.01	1	50	4	0.19	<5	<1	30	<20	<0.01	<10	<10
399360		3.45	7600	<1	<0.01	<1	110	3	0.05	<5	<1	97	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164262

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399353		9	<10	35
399354		20	<10	60
399355		11	<10	33
399357		19	<10	22
399358		11	<10	18
399359		7	<10	21
399360		6	<10	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 7- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164262

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16164264

Projet: KAN

Bon de commande #: K041

Ce rapport s'applique aux 7 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 28- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

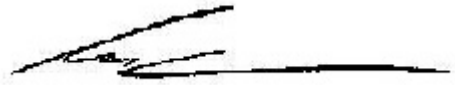
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164264

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399313		<0.5	0.23	<5	10	<0.5	<2	4.72	0.7	3	12	3	22.2	<10	0.04	10
399314		<0.5	0.33	<5	20	<0.5	4	2.60	<0.5	4	13	2	22.5	<10	0.05	10
399315		<0.5	0.47	10	<10	0.7	4	3.44	<0.5	6	24	2	20.7	<10	<0.01	10
399317		0.5	0.62	111	40	<0.5	2	3.58	0.6	6	17	94	23.1	<10	0.21	10
399318		0.7	0.18	151	10	<0.5	2	4.40	0.6	8	19	122	17.75	<10	0.02	10
399319		0.8	0.43	1080	10	<0.5	<2	1.84	0.6	14	16	174	25.4	<10	0.11	10
399320		<0.5	0.24	1265	10	<0.5	3	2.66	0.6	6	14	61	18.45	<10	0.06	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164264

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399313		4.02	7230	1	<0.01	1	410	<2	0.23	<5	<1	69	<20	0.01	10	<10
399314		3.29	10300	1	<0.01	5	270	4	0.23	<5	1	27	<20	0.02	10	<10
399315		3.42	11450	<1	<0.01	5	330	3	0.10	<5	1	31	<20	0.05	10	<10
399317		3.92	14600	<1	<0.01	63	670	8	4.20	<5	1	73	<20	0.04	<10	<10
399318		3.46	7890	<1	<0.01	82	1120	10	5.27	<5	<1	96	<20	0.01	<10	10
399319		4.69	12100	1	0.01	107	510	16	7.40	<5	1	54	<20	0.01	10	<10
399320		3.39	8140	<1	0.02	26	180	11	3.39	<5	1	64	<20	0.01	10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164264

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399313		22	<10	18
399314		28	<10	13
399315		33	<10	16
399317		32	<10	56
399318		13	<10	49
399319		27	<10	73
399320		16	<10	51

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16164264

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
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Finalisée date: 16- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166039

Projet: KAN

Bon de commande #: K047

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166039

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400171		2.34	0.062		2.0	1.92	111	70	0.6	<2	3.97	10.1	15	49	497	18.95
400172		<0.02	0.052		2.0	1.88	88	70	0.5	3	4.01	9.4	12	46	440	17.65
400173		2.47	0.062		2.3	3.00	171	100	0.9	3	4.47	12.9	19	68	142	13.50
400174		2.41	0.062		1.9	2.34	176	90	0.7	4	8.11	7.3	15	49	96	13.40
400175		2.92	0.071		2.3	4.00	242	40	1.1	<2	1.85	5.8	20	66	102	17.45
400176		2.49	0.034		0.7	9.08	49	340	1.1	<2	0.37	1.7	22	134	110	8.19
400177		0.06	1.335													
400178		3.33	0.025		0.5	8.04	37	270	1.0	<2	2.14	1.7	20	90	124	7.29
400179		2.20	0.019		0.6	8.87	37	250	1.0	<2	0.86	2.6	23	95	70	5.75
400180		2.20	0.013		<0.5	7.42	28	200	0.9	<2	3.59	2.9	18	81	114	8.12
400181		0.21	<0.005													
400182		2.66	0.007		0.6	8.92	21	230	1.2	4	1.41	1.5	20	101	106	7.04
400183		2.71	0.010		0.5	8.66	34	240	1.1	<2	1.72	2.5	22	100	82	7.67
400184		2.18	0.027		0.9	9.05	42	280	1.2	<2	0.70	4.1	24	107	76	8.50
400185		2.41	0.079		1.4	7.40	43	110	1.2	3	0.45	3.6	33	122	123	14.10
400186		0.06	>10.0	17.70												
400187		2.52	0.062		1.5	4.01	24	140	0.9	2	2.51	2.6	27	52	222	18.60
400188		3.13	0.012		1.1	3.76	6	160	0.8	<2	6.43	1.7	14	65	118	14.75

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166039

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400171		<10	0.88	20	1.71	1985	142	0.03	377	1890	45	>10.0	<5	5	81	<20
400172		10	0.87	30	1.68	1950	136	0.03	357	2030	45	>10.0	<5	5	82	<20
400173		10	1.41	20	2.13	1585	124	0.04	245	620	84	>10.0	8	9	78	<20
400174		10	1.06	20	4.06	3180	104	0.10	201	630	72	>10.0	13	8	110	<20
400175		10	1.81	30	0.90	440	76	0.06	215	640	102	>10.0	14	9	43	<20
400176		20	4.44	20	0.49	86	10	0.43	143	410	55	7.59	<5	20	25	<20
400177																
400178		20	4.03	30	0.90	435	10	0.17	120	450	38	6.11	<5	22	43	<20
400179		20	3.93	30	0.49	135	12	1.28	134	500	33	5.08	<5	21	32	<20
400180		20	3.55	40	1.64	668	10	0.46	109	410	23	5.80	<5	19	78	<20
400181																
400182		30	4.50	40	0.90	271	8	0.12	80	340	22	4.97	<5	17	44	<20
400183		20	4.03	40	1.00	373	10	0.61	93	420	45	6.08	<5	20	49	<20
400184		20	3.99	30	0.68	159	11	1.07	138	460	144	6.88	<5	23	31	<20
400185		20	3.60	20	0.51	102	13	0.42	145	490	170	>10.0	<5	17	25	<20
400186																
400187		10	2.07	30	1.28	490	13	0.05	128	170	154	>10.0	<5	8	64	<20
400188		10	1.96	30	3.06	1145	8	0.05	88	250	112	6.08	<5	9	136	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166039

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400171		0.07	<10	50	1200	<10	1880
400172		0.07	<10	60	1140	<10	1840
400173		0.14	10	50	1430	<10	2620
400174		0.13	10	50	1090	<10	1525
400175		0.10	<10	30	651	<10	1200
400176		0.43	<10	10	217	<10	583
400177							
400178		0.41	<10	10	170	<10	540
400179		0.47	<10	20	175	<10	782
400180		0.30	<10	10	142	<10	770
400181							
400182		0.27	<10	10	155	<10	448
400183		0.32	<10	10	156	<10	685
400184		0.40	<10	10	179	<10	956
400185		0.28	<10	10	197	<10	806
400186							
400187		0.12	<10	10	122	<10	568
400188		0.17	<10	<10	79	<10	320

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166039

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166041

Projet: KAN

Bon de commande #: K047

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166041

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400189		2.52	<0.05	<0.05	<0.05	<0.001	10.83	2507	<0.01	<0.01
400190		2.64	<0.05	<0.05	<0.05	<0.001	47.02	2586	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166041

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	PUL- 21	SCR- 21
SPLIT- Z	WEI- 21	WSH- 22	

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166048

Projet: KAN

Bon de commande #: K048

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166048

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400211		2.66	0.33	2.53	0.25	0.113	44.67	1197.5	0.19	0.30
400212		<0.02	0.29	2.72	0.18	0.166	60.93	1335.0	0.14	0.22
400213		2.48	0.11	1.05	0.06	0.154	146.05	2315	0.05	0.06
400214		3.02	<0.05	0.10	<0.05	0.015	148.55	2834	0.03	0.03
400215		2.56	3.43	65.6	0.94	6.421	97.91	2444	1.18	0.70
400216		2.81	<0.05	0.14	<0.05	0.009	63.50	2724	0.02	0.01
400217		0.06							1.25	
400218		2.00	0.09	0.08	0.10	0.009	119.95	1865.0	0.12	0.07
400219		2.78	0.24	0.34	0.24	0.061	180.90	2578	0.21	0.26
400220		2.70	1.05	11.90	0.71	0.982	82.41	2583	0.65	0.76
400221		0.19							<0.01	
400222		2.37	0.43	1.80	0.41	0.078	43.31	2314	0.33	0.48
400223		2.87	0.84	8.61	0.42	1.280	148.60	2705	0.39	0.44
400224		2.24	0.14	0.53	0.10	0.103	193.30	2021	0.13	0.07
400225		2.88	<0.05	0.14	<0.05	0.010	72.68	2787	<0.01	<0.01
400226		0.07							17.75	
400227		2.34	<0.05	0.11	<0.05	0.012	111.05	2209	0.01	0.02
400228		2.36	<0.05	<0.05	<0.05	<0.001	82.09	2256	0.01	0.02
400229		2.55	0.83	2.52	0.80	0.138	54.72	2480	0.46	1.13
400230		2.67	0.14	1.65	0.11	0.102	61.73	2590	0.11	0.10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166048

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 21d	LOG- 23
PUL- 21	SCR- 21	SPL- 21d	SPLIT- Z
WEI- 21	WSH- 22		

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166051

Projet: KAN

Bon de commande #: K050

Ce rapport s'applique aux 14 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21d	Notation déchantillon- ClientBarCode dup
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166051

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400231		2.77	<0.05	<0.05	<0.05	<0.001	52.29	1491.0	0.02	0.03
400232		<0.02	<0.05	<0.05	<0.05	<0.001	44.16	1157.5	0.02	0.03
400233		2.78	<0.05	<0.05	<0.05	<0.001	46.58	2718	0.02	0.02
400234		2.52	<0.05	<0.05	<0.05	<0.001	42.13	2452	0.02	0.02
400235		2.38	<0.05	<0.05	<0.05	<0.001	45.51	2314	<0.01	0.01
400236		2.35	<0.05	<0.05	<0.05	<0.001	49.55	2280	<0.01	0.01
400237		0.05							1.29	
400238		2.73	<0.05	<0.05	<0.05	<0.001	50.91	2660	0.06	<0.01
400239		2.40	<0.05	<0.05	<0.05	<0.001	42.98	2351	0.01	0.01
400240		2.75	<0.05	<0.05	<0.05	<0.001	43.07	2688	<0.01	<0.01
400241		0.20							<0.01	
400242		2.53	<0.05	<0.05	<0.05	<0.001	46.73	2474	0.01	0.01
400243		2.60	<0.05	<0.05	<0.05	<0.001	37.90	2396	0.01	0.01
400244		2.74	<0.05	<0.05	<0.05	<0.001	31.38	2673	<0.01	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166051

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 21d	PUL- 21
SCR- 21	SPL- 21d	SPLIT- Z	WEI- 21
WSH- 22			

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166056

Projet: KAN

Bon de commande #: K050

Ce rapport s'applique aux 6 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166056

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400245		2.19	<0.005		<0.5	7.03	<5	160	0.9	<2	3.07	<0.5	39	141	9	11.15
400246		0.08	>10.0	17.70												
400247		2.34	<0.005		<0.5	6.46	10	220	0.7	<2	5.88	<0.5	45	112	51	8.62
400248		2.44	0.006		<0.5	6.25	5	300	0.5	<2	6.03	<0.5	39	113	118	8.43
400249		2.61	<0.005		<0.5	6.21	6	190	<0.5	<2	5.95	<0.5	39	114	87	8.22
400250		2.40	0.007		<0.5	6.53	<5	90	<0.5	<2	5.96	<0.5	45	126	163	8.78

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166056

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400245		20	0.68	<10	4.70	2200	<1	1.08	95	380	<2	0.27	7	43	80	<20
400246																
400247		20	1.57	<10	3.92	1970	1	0.87	83	370	4	0.07	<5	41	123	<20
400248		20	1.54	<10	3.79	1550	1	0.86	75	370	<2	0.05	<5	40	118	<20
400249		10	1.30	<10	3.75	1560	<1	1.03	79	340	4	0.07	<5	39	113	<20
400250		20	0.89	<10	4.13	1310	1	1.27	96	360	<2	0.09	<5	39	110	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166056

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400245		0.67	<10	<10	360	<10	272
400246							
400247		0.64	<10	<10	342	<10	148
400248		0.62	<10	<10	333	<10	107
400249		0.60	<10	<10	324	<10	108
400250		0.60	<10	<10	323	<10	103

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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166056

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166058

Projet: KAN

Bon de commande #: K051

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166058

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400251		2.14	0.007		<0.5	6.71	<5	10	<0.5	3	6.37	<0.5	49	109	110	8.52
400252		<0.02	0.005		<0.5	6.64	<5	<10	<0.5	<2	6.44	<0.5	50	105	120	8.46
400253		2.02	<0.005		<0.5	6.40	<5	<10	<0.5	<2	6.70	<0.5	51	89	124	8.79
400254		2.50	0.005		<0.5	6.56	<5	<10	<0.5	<2	6.30	<0.5	51	100	140	8.43
400255		2.13	<0.005		<0.5	6.54	13	270	0.7	<2	5.43	<0.5	49	101	21	8.72
400256		2.22	0.005		<0.5	7.01	6	50	<0.5	2	6.32	<0.5	51	110	126	8.63
400257		0.06	1.345													
400258		2.01	0.009		<0.5	6.64	<5	50	<0.5	<2	6.57	<0.5	47	107	165	8.59
400259		2.72	<0.005		<0.5	7.16	7	200	0.9	<2	4.26	<0.5	57	119	130	10.40
400260		2.26	<0.005		<0.5	2.95	<5	50	<0.5	5	3.15	<0.5	12	41	83	12.60
400261		0.23	<0.005													
400262		2.72	0.005		<0.5	5.92	19	220	1.0	<2	2.68	0.8	20	87	50	11.40
400263		4.35	<0.005		<0.5	4.54	<5	310	1.8	<2	0.65	<0.5	14	50	11	15.20
400264		2.42	<0.005		<0.5	4.54	<5	330	1.6	<2	0.82	<0.5	13	49	8	14.35
400265		2.68	<0.005		<0.5	4.48	<5	210	1.8	<2	1.08	<0.5	14	46	15	16.10
400266		0.09	>10.0	17.35												
400267		2.36	<0.005		<0.5	4.05	<5	70	0.6	<2	2.56	<0.5	15	42	21	13.15
400268		1.79	<0.005		<0.5	6.36	20	40	0.6	<2	4.71	<0.5	47	119	4	10.30
400269		1.70	0.008		<0.5	6.59	25	20	<0.5	<2	5.95	<0.5	49	113	191	8.92
400270		2.53	<0.005		<0.5	6.59	20	60	<0.5	<2	6.62	<0.5	46	108	145	8.51

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166058

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400251		20	0.04	<10	4.87	1400	1	1.80	175	290	2	0.08	<5	34	128	<20
400252		20	0.03	<10	4.84	1400	<1	1.77	172	290	2	0.08	<5	34	127	<20
400253		10	0.02	<10	4.73	1400	1	1.46	173	410	<2	0.15	<5	32	127	<20
400254		20	0.03	<10	4.81	1345	1	1.70	176	310	4	0.09	<5	33	122	<20
400255		20	1.20	<10	4.51	2250	1	0.79	152	330	3	<0.01	6	37	89	<20
400256		20	0.24	<10	4.36	1420	1	1.94	166	340	2	0.09	<5	36	125	<20
400257																
400258		20	0.19	<10	4.28	1485	1	1.63	134	350	4	0.06	<5	37	127	<20
400259		20	0.69	<10	4.53	2640	1	1.29	176	400	4	0.10	<5	37	87	<20
400260		10	0.38	10	2.18	9360	1	0.01	20	400	2	0.35	<5	6	80	<20
400261																
400262		20	2.03	20	2.80	4380	3	0.31	72	310	17	2.36	<5	15	45	<20
400263		10	2.33	20	2.11	12950	1	0.01	19	290	4	0.06	<5	6	32	<20
400264		10	2.63	20	1.95	12350	1	0.01	19	360	2	0.04	<5	6	40	<20
400265		10	1.77	20	2.10	16000	2	0.01	18	300	2	0.07	<5	6	43	<20
400266																
400267		10	0.50	20	2.55	10100	<1	<0.01	20	300	2	0.08	<5	7	62	<20
400268		20	0.26	<10	4.19	3740	<1	1.13	117	360	<2	<0.01	<5	38	99	<20
400269		20	0.16	<10	4.67	1820	1	1.37	141	340	<2	0.03	<5	38	115	<20
400270		20	0.58	<10	4.33	1475	1	1.57	130	320	<2	0.09	<5	36	124	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166058

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400251		0.44	<10	<10	285	<10	91
400252		0.42	<10	<10	281	<10	90
400253		0.46	<10	<10	261	<10	93
400254		0.37	<10	<10	266	<10	93
400255		0.56	<10	<10	299	<10	87
400256		0.55	<10	<10	299	<10	93
400257							
400258		0.57	<10	<10	305	<10	90
400259		0.59	<10	<10	302	<10	103
400260		0.12	<10	<10	59	<10	56
400261							
400262		0.30	<10	<10	137	<10	350
400263		0.17	<10	<10	48	<10	36
400264		0.17	<10	<10	48	<10	44
400265		0.17	<10	<10	48	<10	54
400266							
400267		0.16	<10	<10	55	<10	58
400268		0.63	10	<10	318	<10	90
400269		0.59	<10	<10	317	<10	94
400270		0.57	<10	<10	300	<10	89

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166058

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166061

Projet: KAN

Bon de commande #: K052

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166061

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400271		2.17	0.006		<0.5	6.72	12	20	<0.5	<2	6.57	<0.5	48	105	147	8.29
400272		<0.02	<0.005		<0.5	6.56	12	20	<0.5	<2	6.64	<0.5	47	102	137	8.16
400273		2.35	<0.005		<0.5	6.84	<5	30	<0.5	<2	5.35	0.5	57	112	129	8.94
400274		2.38	<0.005		<0.5	6.24	<5	90	<0.5	<2	6.79	<0.5	56	99	138	8.18
400275		2.63	<0.005		<0.5	6.63	<5	100	<0.5	<2	5.94	<0.5	54	106	151	8.69
400276		2.43	<0.005		<0.5	6.75	<5	80	<0.5	2	5.91	<0.5	51	103	153	8.60
400277		0.06	1.370													
400278		2.32	<0.005		<0.5	6.75	6	60	<0.5	<2	6.35	<0.5	48	109	140	8.55
400279		2.48	<0.005		<0.5	6.59	<5	50	<0.5	3	5.99	0.5	45	113	162	8.69
400280		2.50	<0.005		<0.5	6.32	6	40	<0.5	<2	6.36	<0.5	46	115	176	8.83
400281		0.18	<0.005													
400282		1.94	<0.005		<0.5	7.08	23	150	0.9	3	5.08	<0.5	49	138	107	10.50
400283		2.18	<0.005		<0.5	2.30	5	70	<0.5	2	2.15	<0.5	16	36	69	11.70
400284		2.11	<0.005		<0.5	3.98	<5	150	1.2	<2	1.20	<0.5	14	44	27	14.45
400285		2.61	<0.005		<0.5	4.06	<5	310	2.2	<2	1.22	<0.5	12	44	12	13.65
400286		0.08	>10.0	18.15												
400287		2.10	<0.005		<0.5	1.46	17	40	0.8	<2	3.92	<0.5	12	23	39	11.60
400288		2.56	<0.005		<0.5	1.09	6	30	<0.5	3	3.24	<0.5	8	56	48	8.59
400289		1.65	<0.005		<0.5	6.11	15	10	<0.5	2	5.67	<0.5	44	108	106	9.14
400290		2.25	<0.005		<0.5	6.59	<5	<10	<0.5	<2	6.58	<0.5	45	116	174	8.94

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166061

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400271		20	0.16	<10	4.48	1415	1	1.71	150	330	<2	0.10	<5	34	120	<20
400272		20	0.17	<10	4.36	1425	<1	1.68	142	320	2	0.10	8	34	119	<20
400273		20	0.29	<10	5.64	1330	1	1.02	230	310	3	0.07	<5	34	86	<20
400274		10	1.09	<10	5.29	1400	1	0.75	234	350	21	0.11	<5	30	106	<20
400275		20	1.18	<10	5.17	1325	1	1.14	209	310	<2	0.10	<5	34	94	<20
400276		20	0.89	<10	4.74	1305	2	1.34	176	300	6	0.10	<5	35	98	<20
400277																
400278		20	0.62	<10	4.46	1350	1	1.49	138	310	<2	0.09	<5	36	105	<20
400279		20	0.45	<10	4.26	1375	1	1.55	119	330	<2	0.11	<5	38	108	<20
400280		20	0.40	<10	4.19	1460	1	1.37	131	340	2	0.08	<5	38	115	<20
400281																
400282		20	0.47	<10	4.12	2030	1	1.32	133	390	<2	0.02	<5	44	97	<20
400283		10	0.46	10	2.35	4430	1	0.18	31	470	<2	0.22	<5	5	51	<20
400284		10	1.11	20	1.96	11850	1	0.08	19	400	2	0.15	<5	6	48	<20
400285		10	2.44	20	1.98	11600	1	0.04	18	930	4	0.13	<5	6	43	<20
400286																
400287		<10	0.39	10	2.35	7180	1	0.12	19	770	<2	0.46	<5	3	55	<20
400288		<10	0.25	10	1.77	4380	1	0.08	29	510	2	0.28	<5	3	35	<20
400289		20	0.03	<10	3.90	2010	<1	1.34	104	380	<2	0.02	<5	37	72	<20
400290		20	0.04	<10	4.19	1565	<1	1.47	116	400	<2	0.04	<5	40	87	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166061

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400271		0.54	<10	<10	278	<10	87
400272		0.54	<10	<10	273	<10	86
400273		0.52	<10	<10	280	<10	98
400274		0.43	<10	<10	219	<10	86
400275		0.52	<10	<10	272	<10	90
400276		0.55	<10	<10	291	<10	91
400277							
400278		0.56	<10	<10	304	<10	95
400279		0.58	<10	<10	316	<10	96
400280		0.58	<10	<10	312	<10	96
400281							
400282		0.69	<10	<10	365	<10	102
400283		0.12	<10	<10	90	<10	62
400284		0.15	<10	<10	54	<10	52
400285		0.16	<10	<10	54	<10	37
400286							
400287		0.07	<10	<10	55	<10	36
400288		0.16	<10	<10	46	<10	27
400289		0.59	<10	<10	311	<10	83
400290		0.63	<10	<10	334	<10	91

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166061

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 17- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166064

Projet: KAN

Bon de commande #: K061

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166064

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399951		2.77	<0.05	<0.05	<0.05	<0.001	24.29	1115.5	<0.01	<0.01
399952		<0.02	<0.05	<0.05	<0.05	<0.001	76.07	1537.0	<0.01	<0.01
399953		2.90	<0.05	<0.05	<0.05	<0.001	109.90	2773	<0.01	<0.01
399954		3.18	<0.05	<0.05	<0.05	<0.001	77.48	3077	<0.01	<0.01
399955		2.94	0.13	0.23	0.13	0.016	68.24	2856	0.13	0.13
399956		2.75	<0.05	<0.05	<0.05	<0.001	42.60	2690	<0.01	<0.01
399957		0.04							1.33	
399958		3.03	<0.05	<0.05	<0.05	<0.001	47.51	2965	<0.01	<0.01
399959		2.73	<0.05	<0.05	<0.05	<0.001	45.55	2667	<0.01	<0.01
399960		2.55	<0.05	<0.05	<0.05	<0.001	47.52	2473	<0.01	<0.01
399961		0.28							<0.01	
399962		2.61	<0.05	<0.05	<0.05	<0.001	44.62	2542	<0.01	<0.01
399963		2.53	<0.05	<0.05	<0.05	<0.001	49.49	2472	<0.01	<0.01
399964		3.00	<0.05	<0.05	<0.05	<0.001	51.99	2931	<0.01	<0.01
399965		2.92	<0.05	<0.05	<0.05	<0.001	57.59	2840	<0.01	<0.01
399966		0.07							17.55	
399967		2.47	<0.05	<0.05	<0.05	<0.001	49.24	2391	<0.01	<0.01
399968		2.63	<0.05	<0.05	<0.05	<0.001	37.39	2574	<0.01	<0.01
399969		2.60	<0.05	<0.05	<0.05	<0.001	50.54	2534	<0.01	<0.01
399970		3.33	<0.05	<0.05	<0.05	<0.001	51.04	3278	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166064

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 21d	LOG- 23
PUL- 21	SCR- 21	SPL- 21d	SPLIT- Z
WEI- 21	WSH- 22		

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166068

Projet: KAN

Bon de commande #: K062

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SPL- 21d	Échantillon fractionné - dupliquer
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166068

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
399971		2.78	<0.05	<0.05	<0.05	<0.001	24.07	1322.5	0.03	<0.01
399972		<0.02	<0.05	<0.05	<0.05	<0.001	22.84	1394.0	0.01	0.01
399973		2.85	<0.05	<0.05	<0.05	<0.001	39.81	2795	0.01	<0.01
399974		2.50	<0.05	<0.05	<0.05	<0.001	32.38	2464	0.01	0.04
399975		2.62	<0.05	<0.05	<0.05	<0.001	32.74	2574	0.01	0.01
399976		3.09	<0.05	<0.05	<0.05	<0.001	37.04	3031	0.01	0.02
399977		0.05							1.39	
399978		2.31	<0.05	<0.05	<0.05	<0.001	25.25	2269	0.01	<0.01
399979		3.27	<0.05	<0.05	<0.05	<0.001	37.78	3215	<0.01	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166068

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 21	SCR- 21	SPL- 21d
SPLIT- Z	WEI- 21	WSH- 22	

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166072

Projet: KAN

Bon de commande #: K062

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166072

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
399980		2.39	<0.005		<0.5	5.63	26	340	1.0	<2	4.86	0.8	41	110	132	10.90
399981		0.21	<0.005													
399982		2.19	<0.005		<0.5	7.09	10	210	0.6	<2	6.04	0.7	48	128	97	9.19
399983		2.10	<0.005		<0.5	6.45	<5	80	<0.5	<2	6.06	0.6	45	118	145	8.98
399984		2.58	<0.005		<0.5	6.66	<5	110	<0.5	<2	6.24	0.8	46	128	152	9.07
399985		2.76	<0.005		<0.5	6.28	<5	40	<0.5	<2	7.25	0.8	52	106	114	8.62
399986		0.07	>10.0	17.60												
399987		2.63	0.007		<0.5	6.79	<5	40	<0.5	<2	6.08	0.7	58	111	130	8.74
399988		3.03	<0.005		<0.5	7.14	<5	30	<0.5	<2	5.88	0.6	59	111	140	9.35
399989		2.29	<0.005		<0.5	7.01	<5	30	<0.5	<2	6.32	0.8	56	106	141	8.80
399990		2.10	<0.005		<0.5	7.20	<5	20	<0.5	<2	6.19	0.7	60	117	146	8.61

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166072

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
399980		20	0.83	<10	4.07	3020	<1	0.14	90	390	<2	0.09	<5	34	56	<20
399981																
399982		20	0.55	<10	3.64	1630	<1	1.51	93	350	<2	0.06	5	44	87	<20
399983		20	0.57	<10	3.73	1460	<1	1.46	83	380	<2	0.12	<5	41	91	<20
399984		20	0.79	<10	3.96	1420	<1	1.39	90	350	3	0.08	<5	42	89	<20
399985		10	0.29	<10	4.63	1580	<1	1.14	168	400	2	0.14	<5	31	89	<20
399986																
399987		20	0.32	<10	5.10	1435	<1	1.46	213	280	3	0.09	<5	32	91	<20
399988		20	0.24	<10	5.22	1450	<1	1.76	211	360	<2	0.12	8	33	111	<20
399989		20	0.24	<10	4.96	1430	<1	1.59	205	340	<2	0.12	<5	34	122	<20
399990		20	0.16	<10	5.01	1380	<1	1.99	228	360	<2	0.09	7	33	133	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166072

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399980		0.54	<10	<10	280	<10	71
399981							
399982		0.69	<10	<10	359	<10	76
399983		0.64	<10	<10	332	<10	89
399984		0.61	<10	<10	336	<10	99
399985		0.51	<10	<10	251	<10	94
399986							
399987		0.52	<10	<10	278	<10	90
399988		0.57	<10	<10	298	<10	93
399989		0.54	<10	<10	284	<10	89
399990		0.57	<10	<10	297	<10	90

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166072

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 23	PUL- 31	PUL- QC
	SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166076

Projet: KAN

Bon de commande #: K063

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166076

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
399991		2.76	<0.005		<0.5	7.48	<5	30	<0.5	<2	6.54	0.9	62	136	175	8.96
399992		<0.02	<0.005		<0.5	7.45	<5	30	<0.5	<2	6.52	0.9	62	136	183	8.96
399993		3.07	<0.005		<0.5	6.78	<5	10	<0.5	<2	4.61	0.7	56	124	107	9.44
399994		2.00	<0.005		<0.5	6.97	<5	20	<0.5	<2	5.22	0.8	58	119	154	9.48
399995		2.53	<0.005		<0.5	7.33	<5	60	<0.5	<2	6.54	0.9	48	144	144	9.62
399996		2.22	<0.005		<0.5	7.01	<5	50	<0.5	<2	6.65	0.5	44	144	108	9.00
399997		0.05	1.240													
399998		2.18	<0.005		<0.5	6.92	<5	90	<0.5	<2	6.04	0.7	48	140	135	9.17
399999		3.07	0.005		<0.5	6.84	<5	140	<0.5	<2	6.42	0.9	49	142	187	9.29
400000		3.16	<0.005		<0.5	7.34	<5	30	<0.5	<2	5.86	0.6	58	157	71	9.06
400001		0.27	<0.005													
400002		2.64	<0.005		<0.5	6.59	<5	10	<0.5	<2	8.14	0.7	58	110	165	9.42
400003		2.34	0.005		<0.5	6.75	5	10	<0.5	<2	6.53	0.7	55	118	146	8.74
400004		2.17	<0.005		<0.5	6.71	<5	20	<0.5	<2	6.85	0.7	52	112	148	8.52
400005		2.45	<0.005		<0.5	6.87	<5	10	<0.5	<2	6.65	0.6	53	122	164	8.83
400006		0.08	>10.0	18.00												
400007		2.90	0.010		<0.5	6.61	<5	40	<0.5	<2	6.07	0.6	50	118	143	8.51
400008		2.25	0.007		<0.5	6.67	9	110	<0.5	<2	5.67	0.6	50	118	188	8.85
400009		2.80	<0.005		<0.5	6.57	8	170	<0.5	<2	5.75	0.7	50	129	87	8.55
400010		2.69	<0.005		<0.5	6.29	5	240	<0.5	<2	5.94	0.5	44	128	115	8.34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166076

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
399991		20	0.16	<10	5.56	1360	<1	2.06	229	340	2	0.17	<5	37	182	<20
399992		20	0.15	<10	5.54	1350	<1	2.05	230	350	<2	0.16	<5	37	181	<20
399993		10	0.05	<10	6.59	1430	1	1.39	217	310	3	0.02	<5	34	63	<20
399994		20	0.10	<10	6.49	1570	<1	1.66	210	320	<2	0.03	5	35	76	<20
399995		20	0.46	<10	4.59	1530	<1	1.26	94	320	2	0.13	<5	47	197	<20
399996		20	0.38	<10	4.37	1550	<1	1.57	91	320	3	0.05	<5	42	144	<20
399997																
399998		20	0.68	<10	4.27	1460	<1	1.23	93	360	5	0.10	<5	42	109	<20
399999		20	1.11	<10	4.25	1430	1	1.23	91	390	<2	0.14	<5	43	95	<20
400000		20	0.23	<10	5.18	1560	<1	1.67	224	270	<2	0.03	<5	34	86	<20
400001																
400002		20	0.12	<10	4.95	1920	1	1.19	219	400	<2	0.17	<5	32	118	<20
400003		20	0.05	<10	5.11	1500	<1	1.32	195	400	2	0.03	<5	35	110	<20
400004		10	0.15	<10	4.85	1410	<1	1.34	174	310	<2	0.12	<5	35	113	<20
400005		20	0.05	<10	4.85	1440	<1	1.42	171	320	<2	0.10	8	37	111	<20
400006																
400007		10	0.26	<10	4.44	1350	<1	1.52	144	330	3	0.07	<5	36	107	<20
400008		20	0.72	<10	4.57	1440	<1	1.41	145	340	3	0.07	<5	38	104	<20
400009		10	0.96	<10	4.50	1420	<1	1.24	138	340	<2	0.16	<5	38	101	<20
400010		10	1.16	<10	4.28	1500	<1	1.10	122	330	3	0.11	6	37	104	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166076

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399991		0.61	<10	<10	321	<10	90
399992		0.61	<10	<10	318	<10	90
399993		0.55	<10	<10	286	<10	109
399994		0.58	<10	<10	300	<10	105
399995		0.76	<10	<10	391	<10	89
399996		0.69	<10	<10	343	<10	88
399997							
399998		0.69	<10	<10	352	<10	91
399999		0.70	<10	<10	373	<10	95
400000		0.52	<10	<10	285	<10	101
400001							
400002		0.52	<10	<10	258	10	97
400003		0.56	<10	<10	294	<10	96
400004		0.56	<10	<10	289	<10	89
400005		0.59	<10	<10	309	<10	94
400006							
400007		0.58	<10	<10	305	<10	91
400008		0.61	<10	<10	323	<10	127
400009		0.60	<10	<10	320	<10	105
400010		0.59	<10	<10	313	<10	114

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166076

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 18- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166078

Projet: KAN

Bon de commande #: K064

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166078

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400011		2.54	0.008		<0.5	6.19	16	280	0.5	<2	5.32	0.5	45	111	143	8.74
400012		<0.02	0.006		<0.5	6.19	12	270	0.5	<2	5.17	<0.5	42	108	134	8.68
400013		2.46	<0.005		<0.5	6.60	10	370	1.0	2	2.89	<0.5	48	135	11	11.85
400014		2.59	0.023		<0.5	0.57	<5	20	<0.5	<2	3.83	<0.5	7	19	34	6.62
400015		2.36	0.946		<0.5	2.39	<5	30	<0.5	2	1.40	<0.5	16	37	107	12.00
400016		2.62	2.63		0.5	3.40	<5	10	0.5	<2	2.32	0.5	13	44	70	15.25
400017		0.04	1.300													
400018		2.50	<0.005		<0.5	3.83	<5	<10	<0.5	3	5.06	0.6	13	37	18	14.50
400019		2.36	0.217		<0.5	0.96	<5	10	<0.5	<2	5.10	0.5	16	17	214	8.32
400020		2.21	0.624		0.6	2.82	<5	20	0.5	<2	2.18	0.7	12	39	104	13.10
400021		0.23	<0.005													
400022		2.32	<0.005		<0.5	3.50	<5	60	0.9	<2	1.63	0.5	11	40	53	15.40
400023		2.58	<0.005		<0.5	4.75	<5	300	1.5	3	0.77	<0.5	14	62	14	16.65
400024		2.69	<0.005		<0.5	5.05	<5	450	2.0	<2	0.64	<0.5	12	61	2	13.70
400025		2.48	<0.005		<0.5	4.63	<5	380	1.9	2	0.82	<0.5	11	58	17	13.60
400026		0.08	>10.0	17.70												
400027		2.60	0.006		<0.5	5.11	<5	370	1.9	<2	0.42	<0.5	12	61	14	13.40
400028		1.93	0.015		<0.5	5.46	<5	410	2.0	<2	0.63	<0.5	13	59	4	11.50
400029		2.41	0.010		<0.5	6.07	<5	460	2.2	<2	0.45	<0.5	13	66	<1	10.75
400030		2.96	<0.005		<0.5	5.86	<5	440	2.1	<2	0.47	<0.5	13	66	<1	10.95

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166078

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400011		10	1.17	<10	4.30	1710	1	0.84	122	360	2	0.04	<5	37	78	<20
400012		20	1.16	<10	4.28	1620	1	0.84	124	370	5	0.04	<5	37	78	<20
400013		20	1.04	<10	4.15	1970	1	0.22	115	400	<2	0.02	<5	41	43	<20
400014		<10	0.25	10	1.64	3450	<1	0.04	11	290	<2	0.22	<5	1	67	<20
400015		10	0.33	10	1.95	4950	1	0.09	27	690	2	0.66	<5	5	31	<20
400016		10	0.13	20	2.36	11400	1	0.01	15	360	6	0.37	<5	5	63	<20
400017																
400018		10	0.03	20	3.00	12000	1	<0.01	17	430	<2	0.09	<5	8	119	<20
400019		<10	0.03	10	1.51	10900	<1	0.01	16	520	2	0.80	<5	3	128	<20
400020		10	0.17	10	2.11	8170	1	0.03	17	630	9	0.57	<5	4	78	<20
400021																
400022		10	0.49	10	2.23	13050	1	0.01	17	370	6	0.24	8	5	64	<20
400023		10	2.15	20	2.41	13800	<1	0.01	23	310	5	0.14	<5	9	39	<20
400024		10	3.38	20	1.84	11850	1	0.02	21	350	6	0.02	6	7	34	<20
400025		10	2.98	20	1.66	11750	<1	0.02	22	440	7	0.09	<5	7	50	<20
400026																
400027		10	3.21	20	1.68	12800	1	0.02	23	330	7	0.08	6	7	31	<20
400028		10	3.49	20	1.53	10450	<1	0.02	24	250	5	0.02	<5	7	48	<20
400029		20	3.94	20	1.50	8800	<1	0.03	26	210	6	<0.01	5	8	37	<20
400030		10	3.82	20	1.47	9200	1	0.02	25	270	2	0.01	<5	8	37	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166078

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400011		0.58	<10	<10	306	<10	102
400012		0.58	<10	<10	304	<10	104
400013		0.64	<10	<10	338	<10	110
400014		0.04	<10	<10	20	<10	13
400015		0.10	<10	<10	96	<10	37
400016		0.13	<10	<10	48	<10	51
400017							
400018		0.13	<10	<10	85	<10	58
400019		0.02	<10	<10	29	<10	19
400020		0.11	<10	<10	48	<10	43
400021							
400022		0.13	<10	<10	40	<10	41
400023		0.22	<10	<10	77	<10	45
400024		0.19	<10	<10	54	<10	38
400025		0.17	<10	<10	50	<10	36
400026							
400027		0.19	<10	<10	57	<10	45
400028		0.21	<10	<10	54	<10	42
400029		0.25	<10	<10	61	<10	45
400030		0.23	<10	<10	58	<10	45

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166078

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166083

Projet: KAN

Bon de commande #: K065

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166083

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400031		2.01	<0.005		<0.5	4.91	<5	330	1.7	<2	0.43	<0.5	13	57	11	12.60
400032		<0.02	<0.005		<0.5	5.11	<5	350	1.8	<2	0.44	<0.5	12	60	11	13.00
400033		1.58	<0.005		<0.5	4.86	<5	340	1.7	<2	0.50	<0.5	12	54	16	14.40
400034		2.06	<0.005		<0.5	5.50	<5	300	2.0	<2	0.59	<0.5	13	59	3	13.80
400035		2.10	<0.005		<0.5	3.23	<5	30	0.5	<2	0.72	<0.5	14	44	78	11.95
400036		2.31	<0.005		<0.5	1.18	<5	20	<0.5	<2	2.39	<0.5	9	91	6	9.15
400037		0.05	1.320													
400038		3.07	<0.005		<0.5	5.99	13	420	1.7	<2	4.33	<0.5	39	108	40	9.32
400039		2.59	0.008		<0.5	6.12	10	110	<0.5	<2	5.93	<0.5	42	107	184	8.37
400040		2.96	0.007		<0.5	6.27	15	60	<0.5	<2	6.44	<0.5	45	105	167	8.64
400041		0.27	<0.005													
400042		2.10	0.006		<0.5	6.15	15	50	<0.5	<2	5.89	<0.5	45	105	174	8.65
400043		1.83	0.006		<0.5	5.97	19	130	0.5	<2	7.93	<0.5	45	101	174	8.31
400044		2.56	<0.005		<0.5	4.37	7	180	0.9	<2	5.19	<0.5	29	83	58	8.35
400045		2.67	<0.005		<0.5	1.75	<5	20	<0.5	<2	1.49	<0.5	15	26	123	12.80
400046		0.09	>10.0	17.45												
400047		2.23	<0.005		<0.5	1.73	<5	30	0.5	<2	2.92	<0.5	9	24	21	13.90
400048		2.76	<0.005		<0.5	4.79	<5	330	1.8	<2	0.51	<0.5	13	54	11	14.50
400049		2.05	<0.005		<0.5	3.45	<5	250	1.7	<2	0.89	<0.5	11	36	6	14.20
400050		3.63	<0.005		<0.5	3.40	<5	240	1.9	<2	1.18	<0.5	9	40	12	13.15

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166083

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400031		10	3.21	20	1.65	10850	<1	0.02	23	350	6	0.05	<5	7	26	<20
400032		10	3.38	20	1.71	11200	1	0.02	22	380	2	0.06	<5	7	27	<20
400033		10	3.08	20	1.98	12700	<1	0.01	21	310	5	0.06	<5	7	25	<20
400034		10	2.10	20	2.49	8640	<1	0.01	22	350	17	0.02	<5	7	26	<20
400035		10	0.22	10	2.17	4740	1	<0.01	30	540	7	0.33	<5	5	18	<20
400036		10	0.21	10	1.96	4150	<1	<0.01	45	480	<2	0.04	<5	4	50	<20
400037																
400038		20	1.41	<10	3.75	2300	<1	0.24	107	360	2	0.02	<5	36	64	<20
400039		20	0.38	<10	3.96	1415	<1	1.31	111	340	6	0.04	<5	36	101	<20
400040		20	0.23	<10	4.12	1500	<1	1.45	119	340	6	0.05	<5	37	108	<20
400041																
400042		20	0.17	<10	4.13	1365	<1	1.39	129	340	8	0.09	<5	36	106	<20
400043		20	0.41	<10	3.88	1525	<1	0.99	115	330	9	0.02	<5	36	108	<20
400044		10	0.58	<10	2.92	2090	<1	0.09	85	330	4	0.01	<5	25	74	<20
400045		10	0.28	10	2.00	6360	1	0.05	25	760	12	0.64	<5	3	30	<20
400046																
400047		10	0.34	10	2.25	13100	1	<0.01	13	1750	8	0.29	<5	3	84	<20
400048		10	3.22	20	1.84	13500	<1	0.01	21	270	<2	0.05	<5	7	35	<20
400049		10	2.37	10	1.70	11050	<1	0.01	14	280	7	0.04	<5	5	56	<20
400050		10	2.07	10	1.87	10900	1	0.01	17	380	<2	0.18	<5	5	50	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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plus les pages d'annexe
Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166083

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400031		0.20	10	<10	53	<10	50
400032		0.21	10	<10	56	<10	53
400033		0.19	10	<10	50	<10	60
400034		0.22	<10	<10	54	<10	62
400035		0.14	<10	<10	88	<10	53
400036		0.29	<10	<10	54	<10	65
400037							
400038		0.60	<10	<10	302	<10	95
400039		0.61	<10	<10	307	<10	98
400040		0.61	<10	<10	310	<10	99
400041							
400042		0.59	<10	<10	305	<10	99
400043		0.57	<10	<10	296	<10	95
400044		0.44	<10	<10	223	<10	79
400045		0.08	<10	<10	66	<10	44
400046							
400047		0.06	<10	<10	40	<10	42
400048		0.19	<10	<10	51	<10	40
400049		0.12	<10	<10	38	<10	27
400050		0.13	<10	<10	45	<10	43

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166083

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 16- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166085

Projet: KAN

Bon de commande #: K066

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166085

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400051		2.74	<0.005		<0.5	1.31	<5	10	<0.5	4	4.35	0.6	17	22	131	11.50
400052		<0.02	<0.005		<0.5	1.30	<5	10	<0.5	<2	4.52	0.6	20	26	146	12.10
400053		2.41	<0.005		<0.5	4.41	<5	50	0.5	<2	3.94	0.5	33	101	22	9.72
400054		3.32	<0.005		<0.5	6.60	<5	40	0.6	<2	6.15	0.5	46	122	45	9.60
400055		2.86	<0.005		<0.5	6.45	<5	<10	<0.5	<2	6.26	<0.5	49	124	165	9.18
400056		3.13	<0.005		<0.5	6.61	<5	<10	<0.5	<2	5.77	<0.5	47	120	137	9.06
400057		0.05	1.295													
400058		2.66	<0.005		<0.5	6.54	<5	<10	<0.5	<2	6.86	<0.5	46	113	145	8.45
400059		3.50	<0.005		<0.5	6.45	5	<10	<0.5	<2	6.73	<0.5	46	110	149	8.42
400060		3.10	<0.005		<0.5	6.92	<5	<10	<0.5	<2	6.47	<0.5	49	118	159	8.68
400061		0.26	<0.005													
400062		3.34	<0.005		<0.5	6.99	5	<10	<0.5	<2	5.77	<0.5	52	114	133	8.78
400063		3.43	<0.005		<0.5	6.26	7	<10	<0.5	<2	7.11	0.6	49	106	154	7.96
400064		1.31	<0.005		<0.5	6.68	<5	<10	<0.5	<2	6.31	<0.5	57	124	122	8.41
400065		3.44	<0.005		<0.5	6.31	<5	<10	<0.5	<2	6.46	<0.5	45	122	148	8.53
400066		0.08	>10.0	17.10												
400067		2.37	0.006		<0.5	6.73	<5	30	0.5	<2	6.33	<0.5	45	121	46	9.57

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166085

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400051		10	0.03	10	2.49	7900	1	<0.01	22	690	5	1.05	<5	2	69	<20
400052		10	0.03	10	2.60	8380	<1	0.01	25	720	7	1.04	<5	3	72	<20
400053		10	0.12	10	3.08	2700	2	0.36	79	420	3	0.07	<5	27	54	<20
400054		20	0.09	<10	4.05	1880	<1	1.20	109	370	<2	0.01	<5	40	97	<20
400055		20	0.01	<10	4.22	1420	<1	1.29	114	350	6	0.14	<5	39	102	<20
400056		20	0.01	<10	4.20	1360	<1	1.47	116	360	2	0.12	<5	39	100	<20
400057																
400058		20	0.01	<10	4.25	1410	<1	1.44	127	310	<2	0.08	<5	37	106	<20
400059		20	0.01	<10	4.27	1360	<1	1.37	130	320	<2	0.09	<5	35	98	<20
400060		20	0.02	<10	4.46	1390	<1	1.65	134	340	5	0.10	5	38	119	<20
400061																
400062		20	0.02	<10	4.61	1345	<1	1.60	154	350	4	0.09	<5	38	110	<20
400063		20	0.01	<10	4.47	1410	<1	1.30	162	320	7	0.12	<5	34	118	<20
400064		20	0.02	<10	5.42	1425	<1	1.08	207	290	<2	0.05	<5	32	100	<20
400065		20	0.01	<10	3.85	1455	<1	1.55	85	360	2	0.16	<5	41	113	<20
400066																
400067		20	0.07	<10	3.87	1980	<1	1.52	91	360	<2	0.06	<5	42	94	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166085

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400051		0.05	<10	<10	51	<10	47
400052		0.06	<10	<10	52	<10	45
400053		0.38	<10	<10	224	<10	81
400054		0.54	<10	<10	331	<10	99
400055		0.54	<10	<10	325	<10	99
400056		0.58	<10	<10	324	<10	99
400057							
400058		0.58	<10	<10	311	<10	94
400059		0.57	<10	<10	298	<10	90
400060		0.59	<10	<10	317	<10	90
400061							
400062		0.60	<10	<10	311	<10	93
400063		0.52	<10	<10	272	<10	88
400064		0.44	<10	<10	247	<10	99
400065		0.61	<10	<10	333	<10	82
400066							
400067		0.64	<10	<10	347	<10	80

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166085

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166088

Projet: KAN

Bon de commande #: K066

Ce rapport s'applique aux 3 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166088

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400068		3.51	<0.05	<0.05	<0.05	<0.001	139.10	3201	<0.01	<0.01
400069		3.00	<0.05	0.13	<0.05	0.020	151.40	2679	0.01	<0.01
400070		2.68	<0.05	<0.05	<0.05	<0.001	171.15	2509	0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166088

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	PUL- 21	SCR- 21
SPLIT- Z	WEI- 21	WSH- 22	

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166091

Projet: KAN

Bon de commande #: K067

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SPL- 21d	Échantillon fractionné - dupliquer
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166091

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
400071		2.74	<0.05	<0.05	<0.05	<0.001	19.88	1227.0	0.03	0.02
400072		<0.02	<0.05	<0.05	<0.05	<0.001	17.79	1357.0	0.02	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166091

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 21d	PUL- 21
SCR- 21	SPL- 21d	SPLIT- Z	WEI- 21
WSH- 22			

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À: MINIÈRE OSISKO INC.
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166094

Projet: KAN

Bon de commande #: K067

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166094

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
400073		2.49	0.010		1.6	6.35	8	190	1.3	<2	1.26	3.3	13	87	335	21.1
400074		2.53	<0.005		1.3	7.34	14	230	1.4	<2	1.01	5.1	24	99	237	15.95
400075		2.38	0.019		2.8	4.24	29	140	1.1	<2	0.55	1.9	42	70	408	27.3
400076		3.10	0.013		1.3	6.10	50	120	1.6	<2	0.81	5.3	54	96	195	17.85
400077		0.04	1.350													
400078		2.58	0.034		2.3	5.75	81	110	1.4	<2	0.63	7.4	59	95	190	19.95
400079		3.17	0.031		2.2	5.67	45	160	1.2	<2	0.59	3.4	36	96	247	20.1
400080		2.98	0.020		1.1	5.81	76	140	1.3	<2	1.27	3.6	28	83	168	16.95
400081		0.20	<0.005													
400082		2.80	<0.005		<0.5	7.42	84	210	1.7	<2	1.74	5.7	19	91	99	11.30
400083		2.09	0.006		1.1	4.28	194	90	1.3	<2	1.06	16.9	24	78	219	17.65
400084		2.67	0.027		1.5	3.99	152	110	1.2	<2	1.40	16.7	21	70	358	17.45
400085		2.12	0.028		1.1	4.28	119	90	1.2	<2	1.34	11.6	20	65	321	16.45
400086		0.08	>10.0	17.80												
400087		3.44	0.047		1.6	3.66	265	140	1.3	<2	1.70	16.3	21	76	202	15.60
400088		2.35	0.008		1.7	3.13	284	110	1.2	<2	2.05	20.8	24	71	314	15.80
400089		3.40	0.008		1.0	3.38	255	120	1.1	2	4.08	11.7	21	56	104	15.85
400090		3.07	0.016		1.3	3.89	246	100	1.3	<2	1.06	12.6	22	73	140	15.95

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166094

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
400073		20	3.04	30	1.00	873	15	0.17	160	300	48	>10.0	<5	14	51	<20
400074		20	3.48	30	0.87	492	14	0.19	108	340	28	9.09	<5	15	42	<20
400075		10	1.73	20	0.81	314	14	0.06	176	270	41	>10.0	<5	9	22	<20
400076		20	2.74	30	0.97	363	25	0.10	85	400	39	>10.0	<5	13	32	<20
400077																
400078		20	2.64	20	0.80	312	19	0.10	88	280	65	>10.0	<5	12	29	<20
400079		20	2.33	30	1.01	446	16	0.09	131	300	49	>10.0	<5	11	26	<20
400080		20	2.55	30	0.98	446	18	0.10	112	280	64	>10.0	<5	11	42	<20
400081																
400082		20	3.63	30	1.11	517	15	0.16	132	280	30	>10.0	<5	14	53	<20
400083		10	1.95	30	0.80	404	110	0.05	282	800	72	>10.0	<5	9	32	<20
400084		10	1.62	30	0.95	678	111	0.04	291	1400	71	>10.0	<5	8	38	<20
400085		10	1.80	30	0.89	658	87	0.05	239	1140	48	>10.0	<5	9	35	<20
400086																
400087		10	1.83	30	0.91	611	118	0.04	349	940	97	>10.0	9	8	42	<20
400088		10	1.53	30	0.97	814	163	0.03	467	1540	90	>10.0	7	8	49	<20
400089		10	1.68	30	2.06	1180	86	0.04	309	590	82	>10.0	10	8	70	<20
400090		10	1.93	30	0.71	375	110	0.05	295	770	83	>10.0	9	8	30	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166094

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400073		0.12	<10	10	176	<10	687
400074		0.15	<10	10	165	<10	1035
400075		0.09	<10	<10	120	<10	515
400076		0.16	<10	10	260	10	1180
400077							
400078		0.14	<10	<10	188	10	1760
400079		0.13	<10	<10	164	<10	989
400080		0.14	<10	10	194	<10	889
400081							
400082		0.20	10	10	214	<10	1035
400083		0.13	<10	40	1285	20	2860
400084		0.13	10	40	1180	20	2680
400085		0.12	<10	30	853	10	1905
400086							
400087		0.13	10	50	1295	20	2750
400088		0.13	10	60	1715	20	3540
400089		0.13	<10	40	1025	10	2030
400090		0.12	10	40	1030	10	2070

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166094

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 23	PUL- 31	PUL- QC
	SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 19- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166098

Projet: KAN

Bon de commande #: K078

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166098

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401041		2.17	0.006		<0.5	7.66	<5	420	1.9	<2	0.65	<0.5	11	89	47	7.87
401042		<0.02	<0.005		<0.5	7.62	<5	420	1.9	<2	0.66	<0.5	11	86	45	7.74
401043		2.23	0.014		<0.5	7.32	<5	520	2.1	<2	0.65	<0.5	15	87	85	6.26
401044		2.31	0.010		<0.5	7.94	<5	580	2.0	<2	0.49	<0.5	16	87	52	4.97
401045		2.37	0.012		<0.5	7.40	<5	540	1.7	<2	1.34	0.5	15	92	96	7.54
401046		2.67	0.006		<0.5	8.19	<5	750	1.8	<2	0.56	<0.5	10	71	38	3.39
401047		0.04	1.230													
401048		2.45	0.006		<0.5	8.19	13	710	1.7	<2	0.61	<0.5	14	76	40	3.55
401049		1.99	0.011		<0.5	7.19	25	530	1.9	<2	1.19	<0.5	15	76	74	6.12
401050		2.84	0.013		<0.5	8.04	<5	480	2.0	2	0.40	<0.5	11	90	53	6.93
401051		0.23	0.008													
401052		2.94	<0.005		<0.5	8.91	<5	450	2.0	<2	0.15	<0.5	8	83	25	6.73
401053		2.65	0.007		<0.5	9.52	<5	480	2.1	<2	0.14	<0.5	11	88	38	6.39
401054		2.54	0.017		<0.5	9.88	7	470	2.2	<2	0.15	<0.5	10	83	22	4.52
401055		2.75	<0.005		<0.5	10.05	<5	460	2.2	<2	0.21	<0.5	14	86	37	4.91
401056		0.07	>10.0	17.55												
401057		3.02	<0.005		<0.5	9.40	<5	420	2.1	<2	0.28	<0.5	12	87	27	4.93
401058		2.46	0.006		<0.5	8.85	<5	450	1.9	<2	0.17	<0.5	9	82	29	5.33
401059		2.74	0.019		<0.5	8.60	26	470	2.1	<2	0.25	0.9	22	92	72	6.94
401060		2.99	<0.005		<0.5	7.80	23	240	1.4	<2	1.58	<0.5	26	115	56	10.20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166098

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401041		20	3.12	30	1.78	847	<1	0.49	29	1240	4	0.65	<5	10	69	<20
401042		20	3.12	30	1.77	846	1	0.50	30	1230	6	0.65	<5	10	70	<20
401043		20	4.18	30	1.50	380	2	0.34	41	380	26	1.66	<5	11	68	<20
401044		20	4.23	30	1.51	276	1	0.68	33	220	12	1.20	<5	10	70	<20
401045		20	3.73	30	1.77	821	3	0.40	44	690	12	2.30	<5	11	132	<20
401046		20	4.77	30	1.24	213	3	0.16	39	220	19	0.95	<5	9	69	<20
401047																
401048		20	4.21	30	1.36	198	1	0.56	37	210	21	0.85	6	9	84	<20
401049		20	4.15	30	1.53	427	3	0.22	45	1300	43	1.89	<5	10	141	<20
401050		20	3.77	30	1.53	375	<1	0.20	32	450	8	0.85	5	11	65	<20
401051																
401052		20	3.69	30	1.30	472	<1	0.69	30	160	6	0.37	<5	10	44	<20
401053		20	4.31	40	1.23	360	<1	0.46	34	180	15	0.42	<5	11	43	<20
401054		20	4.98	40	1.03	191	<1	0.25	31	210	17	0.19	<5	11	44	<20
401055		20	5.06	40	1.10	201	1	0.08	38	190	15	0.67	<5	11	44	<20
401056																
401057		20	4.08	30	1.11	221	<1	0.21	33	190	16	0.38	<5	11	49	<20
401058		20	3.90	30	1.15	247	<1	0.15	25	190	7	0.31	<5	10	33	<20
401059		20	4.03	30	1.27	398	3	0.06	48	150	9	1.72	<5	12	34	<20
401060		20	2.20	20	3.19	1090	2	0.04	59	260	<2	0.65	<5	21	63	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166098

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401041		0.25	<10	<10	79	<10	108
401042		0.25	<10	<10	79	<10	104
401043		0.27	<10	<10	127	<10	90
401044		0.28	<10	<10	111	<10	92
401045		0.26	<10	<10	137	<10	94
401046		0.25	<10	<10	106	<10	60
401047							
401048		0.25	<10	<10	79	<10	72
401049		0.26	<10	<10	120	<10	92
401050		0.26	<10	<10	95	<10	84
401051							
401052		0.29	<10	<10	67	<10	69
401053		0.30	<10	<10	78	<10	73
401054		0.32	<10	<10	82	<10	71
401055		0.32	<10	<10	111	<10	84
401056							
401057		0.32	<10	<10	92	<10	71
401058		0.29	<10	<10	75	<10	97
401059		0.27	<10	<10	214	<10	197
401060		0.40	<10	<10	257	<10	180

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166098

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166104

Projet: KAN

Bon de commande #: K079

Ce rapport s'applique aux 16 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166104

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401061		2.69	<0.005		<0.5	7.23	42	240	1.1	<2	4.43	<0.5	34	117	148	9.55
401062		<0.02	<0.005		<0.5	7.09	45	230	1.0	<2	4.28	<0.5	35	114	135	9.39
401063		2.52	<0.005		<0.5	6.85	77	90	0.6	<2	6.35	<0.5	51	124	157	8.70
401064		1.93	<0.005		<0.5	7.08	52	60	0.8	<2	2.94	<0.5	47	166	13	11.45
401069		4.05	<0.005		<0.5	7.24	18	250	1.3	<2	0.54	2.5	48	107	217	17.10
401070		2.83	0.028		<0.5	9.68	10	290	1.6	<2	0.38	2.6	24	123	138	9.87
401071		0.25	<0.005													
401072		2.32	0.008		<0.5	10.10	22	250	1.6	<2	2.09	1.5	19	115	112	9.05
401073		3.03	<0.005		<0.5	10.40	36	270	1.4	<2	1.31	1.3	22	121	131	10.65
401074		3.01	0.019		<0.5	10.35	38	260	1.3	<2	1.50	1.2	23	107	118	10.45
401075		3.13	<0.005		<0.5	10.10	60	300	1.5	<2	0.56	2.5	29	105	150	12.05
401076		0.07	>10.0	18.50												
401077		2.37	0.017		<0.5	8.46	61	240	1.2	<2	0.69	3.6	25	81	111	10.15
401078		3.04	0.028		<0.5	9.23	57	260	1.3	<2	0.47	2.7	21	90	121	9.98
401079		2.45	0.021		<0.5	7.98	74	240	1.2	<2	2.46	2.9	20	82	115	10.20
401080		1.86	0.016		<0.5	8.65	64	260	1.5	<2	1.16	3.6	21	85	163	11.60

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166104

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401061		20	2.14	10	3.33	2000	2	0.10	79	330	<2	0.32	<5	27	127	<20
401062		20	2.12	10	3.24	1930	1	0.09	77	320	<2	0.31	<5	27	125	<20
401063		20	1.44	<10	4.72	1610	<1	0.55	153	370	<2	0.04	<5	38	186	<20
401064		20	0.42	<10	4.76	1900	1	0.88	97	420	<2	0.03	<5	43	114	<20
401069		20	3.50	20	0.84	222	15	0.14	151	480	21	9.86	5	18	38	<20
401070		30	4.82	20	0.71	105	11	0.22	117	530	10	5.99	<5	25	44	<20
401071																
401072		30	4.48	60	1.47	473	10	0.46	105	430	10	5.09	<5	22	90	<20
401073		30	4.09	30	1.14	255	10	1.42	125	270	27	7.24	<5	30	88	<20
401074		30	3.89	30	1.18	302	11	1.72	122	250	25	7.07	<5	27	96	<20
401075		30	4.28	40	0.66	94	14	1.04	150	250	31	9.66	<5	20	68	<20
401076																
401077		20	3.42	40	0.71	146	12	0.83	114	210	23	8.18	<5	13	58	<20
401078		30	3.77	40	0.58	83	13	1.16	133	210	29	8.36	<5	15	56	<20
401079		20	3.44	40	1.39	297	13	0.43	125	180	29	8.67	<5	14	90	<20
401080		20	3.70	40	0.74	376	14	0.34	153	210	33	8.99	5	14	60	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166104

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401061		0.46	<10	<10	259	<10	136
401062		0.45	<10	<10	254	<10	131
401063		0.28	<10	<10	305	<10	116
401064		0.42	<10	<10	358	20	175
401069		0.29	<10	10	202	<10	831
401070		0.47	<10	10	206	<10	910
401071							
401072		0.41	<10	10	170	<10	504
401073		0.34	<10	10	190	<10	437
401074		0.32	<10	10	207	<10	510
401075		0.29	<10	10	227	10	801
401076							
401077		0.21	<10	10	187	<10	1050
401078		0.25	10	10	198	<10	723
401079		0.22	10	10	198	<10	721
401080		0.20	<10	10	211	<10	894

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166104

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	LOG- 21
LOG- 21d	LOG- 23	PUL- 31	PUL- 31d
PUL- QC	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166106

Projet: KAN

Bon de commande #: K079

Ce rapport s'applique aux 4 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166106

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
401065		3.32	0.60	1.70	0.59	0.059	34.63	2995	0.58	0.59
401066		2.80	0.36	3.71	0.30	0.187	50.45	2750	0.33	0.26
401067		0.04							1.36	
401068		1.11	<0.05	<0.05	<0.05	<0.001	44.85	1074.0	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166106

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 23	PUL- 21
SCR- 21	SPLIT- Z	WEI- 21	WSH- 22

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166108

Projet: KAN

Bon de commande #: K080

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166108

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401081		3.38	0.023		<0.5	7.30	108	190	1.1	<2	3.16	4.6	17	78	123	12.40
401082		<0.02	0.018		<0.5	7.02	109	120	1.1	<2	3.17	4.6	17	74	112	12.00
401083		2.60	0.032		0.6	5.73	179	90	1.0	<2	2.28	7.5	17	69	93	15.65
401084		2.80	0.022		0.6	5.79	162	80	1.0	<2	1.80	7.4	15	67	143	15.80
401085		3.30	0.027		0.7	5.28	141	150	0.9	<2	5.67	6.7	13	65	113	13.55
401086		2.17	0.012		0.6	5.87	154	120	1.0	<2	3.81	7.4	16	71	85	14.30
401087		0.05	1.270													
401088		2.77	0.046		0.5	4.71	163	80	0.8	<2	2.89	10.1	18	61	92	15.20
401089		3.38	0.027		0.5	6.26	126	60	1.1	<2	2.63	6.0	18	73	79	12.25
401090		2.66	0.027		0.6	6.98	151	50	1.2	<2	1.84	6.8	20	81	119	14.05
401091		0.32	<0.005													
401092		3.22	0.019		<0.5	8.23	88	160	1.4	<2	1.53	2.8	20	105	91	10.40
401093		3.36	0.039		0.8	5.02	168	60	0.9	<2	1.91	11.3	35	77	108	14.30
401094		2.98	0.018		0.5	8.05	96	140	1.2	<2	0.93	3.7	35	93	116	11.55
401095		2.93	0.006		<0.5	9.30	17	200	1.5	<2	1.58	1.9	16	102	151	9.44
401096		0.08	>10.0	17.75												
401097		2.55	0.010		<0.5	9.40	9	220	1.5	<2	1.38	1.8	14	102	135	7.90
401098		2.94	<0.005		<0.5	9.19	7	240	1.3	<2	1.54	2.2	12	93	173	9.66
401099		2.24	0.018		<0.5	9.07	37	270	1.4	<2	0.82	2.5	21	108	126	8.42
401100		3.46	0.059		0.7	5.88	132	130	1.1	<2	1.54	2.2	26	80	113	16.50

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166108

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401081		20	3.04	30	1.67	383	19	0.61	153	270	42	>10.0	9	13	94	<20
401082		20	2.95	30	1.67	381	20	0.55	146	260	40	>10.0	13	12	92	<20
401083		10	2.56	30	1.10	288	29	0.16	163	680	45	>10.0	10	10	70	<20
401084		10	2.62	30	0.92	223	28	0.17	190	530	41	>10.0	<5	10	62	<20
401085		10	2.32	30	2.76	661	32	0.16	169	340	43	>10.0	14	10	131	<20
401086		10	2.60	30	1.87	443	24	0.21	153	360	39	>10.0	11	11	104	<20
401087																
401088		10	2.06	20	1.40	385	32	0.14	167	580	52	>10.0	9	9	77	<20
401089		20	2.78	30	1.34	306	29	0.19	143	380	43	>10.0	9	12	78	<20
401090		20	3.16	30	0.98	241	49	0.18	175	480	57	>10.0	<5	13	65	<20
401091																
401092		20	3.74	40	0.92	191	22	0.21	122	340	38	9.54	<5	18	63	<20
401093		10	2.27	30	0.99	316	63	0.14	167	520	57	>10.0	6	11	62	<20
401094		20	3.34	30	0.67	134	23	0.71	136	250	44	10.0	5	17	56	<20
401095		30	3.71	60	1.34	242	6	0.60	101	300	3	5.49	<5	17	69	<20
401096																
401097		30	4.12	60	0.97	206	9	0.31	111	420	6	4.78	<5	19	65	<20
401098		20	4.06	30	1.06	265	8	0.40	155	530	7	5.54	<5	29	69	<20
401099		20	4.15	20	0.74	168	9	0.29	148	500	24	6.52	<5	22	50	<20
401100		20	2.77	30	0.97	317	15	0.15	161	260	63	>10.0	8	12	55	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166108

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401081		0.21	<10	10	263	<10	1075
401082		0.20	<10	10	257	<10	1055
401083		0.14	<10	20	377	10	1660
401084		0.14	<10	20	394	10	1595
401085		0.17	<10	20	409	10	1410
401086		0.16	<10	20	308	10	1575
401087							
401088		0.12	10	20	416	10	2100
401089		0.16	10	10	368	10	1235
401090		0.19	10	30	585	10	1495
401091							
401092		0.26	10	10	346	<10	594
401093		0.15	<10	30	653	10	2480
401094		0.29	10	10	338	10	849
401095		0.31	<10	<10	134	<10	520
401096							
401097		0.38	<10	<10	149	10	562
401098		0.38	<10	10	168	10	739
401099		0.45	10	10	188	10	853
401100		0.22	<10	10	184	10	733

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166108

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 11- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166111

Projet: KAN

Bon de commande #: K081

Ce rapport s'applique aux 16 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166111

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401101		2.35	0.028		<0.5	9.22	47	290	1.8	<2	0.56	3.6	24	111	98	8.14
401102		<0.02	0.025		<0.5	9.28	49	290	1.8	<2	0.81	3.4	24	108	98	8.29
401103		2.76	0.025		<0.5	8.59	59	280	1.7	<2	0.24	2.5	24	123	63	7.29
401104		2.73	0.039		0.6	9.95	46	330	2.1	<2	0.46	2.1	31	142	80	8.84
401105		3.59	0.025		1.1	5.14	<5	110	1.4	4	1.66	4.2	16	69	398	24.4
401106		1.95	0.018		1.2	5.80	<5	50	2.1	3	0.49	1.3	20	82	325	24.7
401111		0.22	<0.005													
401112		4.08	0.008		<0.5	6.78	<5	490	2.0	<2	0.15	<0.5	23	129	31	12.00
401113		2.14	<0.005		<0.5	8.31	5	680	2.0	<2	0.30	<0.5	23	114	60	11.10
401114		2.86	<0.005		<0.5	6.95	<5	550	1.4	3	3.00	<0.5	13	76	32	10.50
401115		2.49	<0.005		<0.5	7.73	7	530	1.2	3	1.73	<0.5	21	85	26	7.24
401116		0.09	>10.0	17.80												
401117		2.98	0.009		<0.5	8.39	18	1100	1.7	3	0.99	<0.5	32	131	118	7.12
401118		2.39	<0.005		<0.5	8.58	32	1140	1.4	2	2.00	<0.5	53	181	165	10.45
401119		2.60	<0.005		<0.5	7.35	28	810	0.9	<2	5.20	0.8	51	149	117	10.05
401120		2.84	<0.005		<0.5	9.03	37	1510	1.5	4	1.49	<0.5	52	198	151	8.50

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166111

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401101		20	4.34	20	0.69	126	10	0.23	142	450	26	6.21	8	25	39	<20
401102		20	4.31	20	0.80	184	10	0.23	142	440	27	6.18	13	26	43	<20
401103		20	3.97	30	0.50	53	12	0.21	114	390	30	6.13	6	18	30	<20
401104		30	4.64	30	0.69	108	14	0.23	103	450	51	6.89	<5	23	38	<20
401105		20	2.35	30	1.08	400	20	0.11	173	200	70	>10.0	<5	9	55	<20
401106		20	2.60	50	0.91	164	30	0.12	170	320	82	>10.0	<5	11	27	<20
401111																
401112		20	2.65	10	2.28	1055	4	0.13	67	340	9	2.35	<5	16	14	<20
401113		20	3.33	20	1.94	1600	4	0.03	53	340	3	1.25	<5	14	18	<20
401114		20	3.04	30	2.18	4930	1	0.33	34	220	3	0.08	<5	10	93	<20
401115		20	2.70	30	1.39	1590	1	2.61	31	290	8	0.05	<5	11	69	<20
401116																
401117		20	4.89	20	1.97	695	<1	1.15	70	320	<2	0.10	<5	29	35	<20
401118		20	4.70	<10	3.22	958	1	0.04	105	470	3	0.09	<5	52	58	<20
401119		20	4.72	<10	3.63	1520	1	0.03	93	440	4	0.05	<5	46	144	<20
401120		20	4.95	<10	2.67	801	1	0.14	101	530	<2	0.17	<5	57	42	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166111

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401101		0.52	<10	20	192	<10	1060
401102		0.51	<10	20	191	<10	1035
401103		0.46	<10	10	166	<10	717
401104		0.56	10	10	206	<10	683
401105		0.14	10	10	173	<10	843
401106		0.15	<10	10	218	<10	500
401111							
401112		0.49	<10	<10	294	<10	165
401113		0.39	<10	<10	228	<10	137
401114		0.25	10	<10	124	<10	89
401115		0.25	<10	<10	113	<10	111
401116							
401117		0.51	<10	<10	252	<10	122
401118		0.85	10	<10	445	<10	121
401119		0.76	<10	<10	397	<10	109
401120		0.92	10	<10	481	<10	104

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Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166111

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166114

Projet: KAN

Bon de commande #: K081

Ce rapport s'applique aux 4 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166114

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
401107		0.07							1.34	
401108		3.00	0.30	0.77	0.28	0.109	141.20	2549	0.26	0.29
401109		2.67	0.30	1.66	0.27	0.120	72.25	2590	0.35	0.18
401110		2.22	0.06	0.14	0.05	0.022	157.30	2058	0.06	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166114

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 23	PUL- 21
SCR- 21	SPLIT- Z	WEI- 21	WSH- 22

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À: MINIÈRE OSISKO INC.
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Finalisée date: 16- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166116

Projet: KAN

Bon de commande #: K082

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166116

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401121		3.16	0.007		<0.5	8.70	29	1350	1.5	3	2.42	0.8	46	214	139	8.60
401122		<0.02	<0.005		<0.5	8.58	30	1330	1.5	<2	2.61	0.5	47	218	149	8.50
401123		2.86	<0.005		<0.5	5.59	20	330	0.6	<2	9.30	1.3	44	131	103	11.20
401124		2.21	<0.005		<0.5	6.99	31	500	1.2	<2	6.93	1.0	48	101	114	10.10
401125		1.73	<0.005		<0.5	7.95	<5	780	1.7	<2	3.49	<0.5	13	91	15	5.48
401126		3.37	<0.005		<0.5	7.19	23	400	0.9	<2	5.53	0.8	40	118	73	7.69
401127		0.04	1.140													
401128		2.89	<0.005		<0.5	6.59	15	70	<0.5	<2	6.64	0.9	42	132	114	9.23
401129		2.04	<0.005		<0.5	7.05	27	40	<0.5	<2	5.86	0.8	47	156	90	8.72
401130		3.05	<0.005		<0.5	6.73	21	30	<0.5	<2	5.85	0.7	43	173	125	8.28
401131		0.21	<0.005													
401132		3.00	<0.005		<0.5	7.05	21	30	<0.5	2	6.79	0.8	45	164	161	7.70
401133		1.89	<0.005		<0.5	7.47	33	50	<0.5	<2	5.04	0.6	57	142	162	8.89
401134		3.13	<0.005		<0.5	6.50	25	20	<0.5	<2	6.31	0.6	50	116	81	8.72
401135		2.10	<0.005		<0.5	6.74	18	50	<0.5	<2	6.03	0.7	58	123	211	9.58
401136		0.08	>10.0	17.35												
401137		2.71	<0.005		<0.5	7.00	17	30	<0.5	<2	6.59	0.9	55	125	184	9.26
401138		2.61	<0.005		<0.5	7.28	16	30	<0.5	<2	7.70	0.5	53	121	142	9.28
401139		2.83	0.006		<0.5	7.52	17	40	<0.5	<2	6.82	0.6	55	139	189	9.85
401140		2.46	<0.005		<0.5	7.18	5	30	<0.5	2	6.89	0.8	50	132	159	9.62

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166116

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401121		20	5.06	<10	3.03	1030	<1	0.14	96	530	<2	0.20	7	55	65	<20
401122		20	4.88	<10	2.95	1040	<1	0.13	98	500	<2	0.21	<5	55	70	<20
401123		10	2.40	<10	4.88	3010	1	0.02	136	390	17	1.09	<5	35	216	<20
401124		20	3.85	<10	4.91	2230	1	0.02	126	280	<2	0.05	<5	32	150	<20
401125		20	4.02	20	1.77	1010	<1	0.91	36	190	4	0.05	<5	12	89	<20
401126		20	2.40	10	3.21	1260	<1	0.82	94	310	2	0.03	<5	30	126	<20
401127																
401128		20	0.69	<10	3.87	1510	<1	1.29	81	560	7	0.10	6	42	140	<20
401129		20	0.26	<10	4.30	1490	1	1.58	103	380	<2	0.02	5	42	124	<20
401130		20	0.46	<10	4.27	1360	<1	1.54	102	310	2	0.04	<5	41	124	<20
401131																
401132		10	0.45	<10	4.43	1400	<1	1.88	139	260	<2	0.05	<5	36	144	<20
401133		20	0.92	<10	5.29	1410	<1	1.53	207	310	<2	0.03	<5	37	107	<20
401134		10	0.35	<10	4.71	1640	<1	1.23	177	410	<2	0.03	<5	35	110	<20
401135		20	0.79	<10	5.30	1550	<1	1.37	191	310	<2	0.13	10	38	125	<20
401136																
401137		20	0.40	<10	5.09	1540	<1	1.54	183	310	2	0.10	<5	39	227	<20
401138		20	0.38	<10	4.63	1550	<1	1.29	152	340	<2	0.10	<5	40	333	<20
401139		20	0.50	<10	4.80	1580	<1	1.34	142	370	5	0.10	<5	43	325	<20
401140		20	0.44	<10	4.50	1580	<1	1.17	133	370	2	0.11	<5	42	329	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2016
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Projet: KAN

CERTIFICAT D'ANALYSE VO16166116

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401121		0.93	<10	<10	469	<10	101
401122		0.92	<10	<10	463	<10	99
401123		0.65	<10	<10	296	<10	91
401124		0.52	<10	<10	274	<10	122
401125		0.27	<10	<10	128	<10	89
401126		0.50	<10	<10	259	<10	114
401127							
401128		0.74	<10	<10	351	<10	91
401129		0.57	<10	<10	307	10	98
401130		0.58	<10	<10	314	10	91
401131							
401132		0.48	<10	<10	263	<10	80
401133		0.54	<10	<10	287	<10	95
401134		0.57	<10	<10	300	<10	98
401135		0.62	<10	<10	327	<10	110
401136							
401137		0.64	<10	<10	332	<10	98
401138		0.65	<10	<10	339	<10	95
401139		0.71	<10	<10	368	<10	115
401140		0.67	<10	<10	349	<10	105

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166116

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 11- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166120

Projet: KAN

Bon de commande #: K083

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166120

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401141		2.40	0.029		<0.5	6.90	10	60	<0.5	<2	6.11	0.5	49	130	156	8.90
401142		<0.02	0.014		<0.5	7.12	10	60	<0.5	<2	6.30	<0.5	50	136	157	9.19
401143		2.83	0.007		<0.5	6.82	6	60	<0.5	<2	7.14	0.8	48	123	155	8.98
401144		1.99	0.007		<0.5	6.08	8	40	<0.5	<2	8.52	<0.5	45	111	130	8.01
401145		2.24	0.013		<0.5	6.66	22	40	<0.5	<2	6.27	<0.5	52	126	158	8.74
401146		2.87	0.014		<0.5	6.97	23	10	<0.5	<2	4.95	0.7	49	137	188	9.71
401147		0.05	1.270													
401148		2.15	0.010		<0.5	6.38	35	10	<0.5	<2	7.19	<0.5	51	121	173	8.84
401149		2.52	0.005		<0.5	6.48	30	20	<0.5	<2	6.43	0.7	47	132	174	8.85
401150		2.49	<0.005		<0.5	6.61	32	70	<0.5	<2	6.85	<0.5	49	132	152	8.86
401151		0.17	<0.005													
401152		2.53	<0.005		<0.5	6.63	42	70	<0.5	<2	6.54	0.6	48	129	167	8.99
401153		4.85	<0.005		<0.5	7.78	12	660	1.2	<2	2.42	<0.5	18	96	47	5.11
401154		2.72	<0.005		<0.5	8.45	<5	760	1.7	<2	0.49	<0.5	9	81	11	3.97
401155		2.49	<0.005		<0.5	8.69	<5	730	1.7	2	0.36	<0.5	9	77	23	4.87
401156		0.08	>10.0	17.35												
401157		2.67	0.030		<0.5	8.80	<5	680	1.6	<2	0.20	<0.5	11	80	23	4.97
401158		2.78	<0.005		<0.5	8.61	5	680	1.6	<2	0.17	<0.5	10	80	16	3.95
401159		2.50	<0.005		<0.5	8.90	<5	630	1.7	<2	0.09	<0.5	10	80	30	4.53
401160		2.82	<0.005		<0.5	9.30	<5	650	1.8	<2	0.07	<0.5	9	82	26	4.50

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166120

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401141		20	0.63	<10	4.44	1440	<1	1.49	129	370	4	0.09	<5	40	230	<20
401142		20	0.66	<10	4.59	1500	<1	1.52	134	390	4	0.08	<5	41	238	<20
401143		20	0.75	<10	4.40	1460	<1	1.35	129	360	3	0.12	<5	40	218	<20
401144		20	0.59	<10	3.96	1495	<1	1.02	117	330	12	0.09	<5	36	192	<20
401145		20	0.60	<10	4.11	1340	<1	1.42	136	340	6	0.09	<5	39	145	<20
401146		20	0.07	<10	4.15	1295	<1	1.59	137	370	2	0.20	<5	42	120	<20
401147																
401148		20	0.13	<10	4.08	1495	<1	1.26	136	360	2	0.02	<5	38	174	<20
401149		20	0.11	<10	3.94	1415	<1	1.33	126	360	3	0.02	5	39	171	<20
401150		20	0.61	<10	3.33	1485	1	1.51	105	370	3	0.08	<5	40	202	<20
401151																
401152		20	0.46	<10	3.75	1480	<1	1.23	122	380	2	0.02	<5	40	199	<20
401153		20	3.79	20	1.86	811	<1	0.36	55	240	3	0.03	<5	17	85	<20
401154		20	4.79	30	1.07	524	<1	0.12	28	190	4	0.09	<5	10	35	<20
401155		20	4.72	30	1.13	599	<1	0.05	27	250	7	0.09	<5	10	33	<20
401156																
401157		20	4.81	30	1.15	543	<1	0.08	33	230	5	0.12	<5	10	31	<20
401158		20	4.76	30	0.95	371	1	0.10	30	130	3	0.14	<5	9	30	<20
401159		20	4.77	30	1.02	328	1	0.13	30	160	6	0.37	<5	9	28	<20
401160		20	5.09	30	1.03	310	<1	0.13	31	190	12	0.41	<5	10	29	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166120

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401141		0.65	<10	<10	334	<10	98
401142		0.65	<10	<10	343	<10	101
401143		0.65	<10	<10	338	<10	96
401144		0.58	10	<10	299	<10	85
401145		0.63	<10	<10	330	<10	93
401146		0.68	<10	<10	351	<10	101
401147							
401148		0.61	<10	<10	320	<10	97
401149		0.63	<10	<10	331	<10	99
401150		0.65	<10	<10	341	<10	94
401151							
401152		0.65	<10	<10	341	<10	99
401153		0.38	<10	<10	138	<10	58
401154		0.28	<10	<10	65	<10	52
401155		0.31	<10	<10	61	<10	78
401156							
401157		0.33	<10	<10	64	<10	85
401158		0.31	<10	<10	60	<10	60
401159		0.31	<10	<10	69	<10	72
401160		0.31	<10	<10	65	<10	70

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166120

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166124

Projet: KAN

Bon de commande #: K084

Ce rapport s'applique aux 14 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166124

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
401161		2.42	0.008	<0.5	9.29	35	630	2.0	<2	0.12	<0.5	12	78	36	4.23	20
401162		<0.02	0.007	<0.5	9.53	8	640	2.0	<2	0.12	<0.5	12	86	35	4.27	20
401163		2.86	0.006	<0.5	9.68	<5	620	2.1	<2	0.24	<0.5	13	82	37	4.43	20
401164		2.48	0.007	<0.5	10.10	<5	610	2.1	<2	0.25	<0.5	11	84	38	4.78	30
401165		3.07	0.008	<0.5	9.77	<5	610	2.1	<2	0.20	<0.5	13	82	38	4.44	20
401166		1.81	<0.005	<0.5	9.97	<5	560	2.1	<2	0.10	<0.5	12	82	35	4.32	30
401167		0.05	1.365													
401168		3.44	0.006	<0.5	6.48	55	180	0.6	<2	5.32	<0.5	42	112	134	8.21	20
401169		2.53	0.005	<0.5	6.35	62	90	<0.5	<2	5.70	<0.5	50	102	126	8.20	20
401170		2.46	<0.005	<0.5	6.02	48	170	0.7	<2	5.76	<0.5	45	118	161	7.90	20
401171		0.27	<0.005													
401172		2.48	0.008	<0.5	5.46	13	100	1.0	<2	1.91	<0.5	25	91	43	12.95	20
401173		2.62	0.006	<0.5	1.67	<5	20	0.5	3	1.87	<0.5	10	28	20	17.10	10
401174		2.12	0.005	<0.5	0.71	<5	<10	0.7	<2	2.86	<0.5	5	17	4	18.35	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166124

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
401161		5.39	30	0.96	242	<1	0.09	35	170	15	0.66	<5	10	33	<20	0.32
401162		5.41	30	0.98	233	<1	0.09	36	170	14	0.66	<5	10	33	<20	0.32
401163		5.67	30	1.02	231	1	0.12	34	180	39	0.77	<5	11	42	<20	0.33
401164		5.67	40	1.09	255	1	0.15	34	190	31	0.73	<5	11	42	<20	0.34
401165		5.39	40	1.02	224	1	0.20	36	190	28	0.68	<5	10	42	<20	0.33
401166		5.49	40	1.00	198	<1	0.26	37	180	23	0.64	<5	11	39	<20	0.33
401167																
401168		1.94	10	4.23	1575	<1	0.20	160	300	5	0.10	<5	31	139	<20	0.33
401169		1.28	<10	4.65	1425	<1	0.59	175	300	3	0.03	5	32	150	<20	0.23
401170		1.86	<10	3.77	1340	<1	0.25	83	340	3	0.11	<5	36	156	<20	0.59
401171																
401172		0.78	10	3.06	1660	<1	0.01	63	280	3	1.45	6	19	48	<20	0.28
401173		0.11	10	2.31	13000	2	<0.01	25	390	4	0.91	5	3	34	<20	0.10
401174		0.01	10	3.06	13650	<1	<0.01	10	460	2	0.12	<5	2	32	<20	0.09

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166124

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401161		<10	<10	76	<10	64
401162		<10	<10	77	<10	66
401163		<10	<10	82	<10	68
401164		<10	<10	81	<10	75
401165		<10	<10	82	<10	71
401166		<10	<10	82	<10	71
401167						
401168		<10	<10	269	<10	115
401169		<10	<10	260	<10	93
401170		<10	<10	304	<10	79
401171						
401172		<10	<10	216	<10	98
401173		<10	<10	89	<10	46
401174		<10	<10	65	<10	14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166124

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	LOG- 23	PUL- 31	PUL- 31d
PUL- QC	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166128

Projet: KAN

Bon de commande #: K084

Ce rapport s'applique aux 6 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166128

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
401175		3.23	<0.05	<0.05	<0.05	<0.001	104.70	3115	<0.01	<0.01
401176		0.08							17.85	
401177		3.07	<0.05	<0.05	<0.05	<0.001	153.75	2916	<0.01	<0.01
401178		2.84	0.63	2.50	0.54	0.331	132.15	2709	0.60	0.48
401179		2.49	<0.05	0.05	<0.05	0.005	93.21	2397	0.01	0.02
401180		2.52	1.05	8.78	0.84	0.586	66.78	2453	1.02	0.65

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166128

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	LOG- 23	PUL- 21
SCR- 21	SPLIT- Z	WEI- 21	WSH- 22

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166132

Projet: KAN

Bon de commande #: K085

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166132

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
401181		2.24	<0.05	<0.05	<0.05	<0.001	33.69	1014.5	<0.01	<0.01
401182		<0.02	<0.05	<0.05	<0.05	<0.001	39.94	1136.5	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166132

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 21d
PUL- 21	SCR- 21	SPL- 21d	SPLIT- Z
WEI- 21	WSH- 22		

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166140

Projet: KAN

Bon de commande #: K086

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166140

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401201		3.11	<0.005		<0.5	10.70	<5	260	1.4	<2	0.47	2.2	11	114	94	7.81
401202		<0.02	<0.005		<0.5	10.65	<5	250	1.4	<2	0.47	2.3	11	115	94	7.77
401203		2.03	0.005		<0.5	11.30	13	290	1.5	<2	0.25	1.3	16	112	83	7.04
401204		2.32	0.011		<0.5	10.45	64	250	1.4	<2	0.07	1.8	42	117	53	8.87
401205		1.83	0.015		<0.5	9.13	47	220	1.2	<2	0.64	1.1	39	97	93	10.05
401206		2.45	0.008		<0.5	7.69	43	180	1.0	2	3.49	2.2	43	83	111	12.80
401207		0.04	1.345													
401208		2.54	0.009		<0.5	10.70	33	260	1.3	<2	1.19	1.3	13	115	81	8.25
401209		2.46	0.029		<0.5	9.41	48	240	1.2	<2	0.73	2.2	22	94	102	11.50
401210		2.54	0.021		<0.5	9.94	47	250	1.2	<2	0.38	1.3	18	104	83	9.09
401211		0.24	<0.005													
401212		2.77	0.013		0.7	9.28	49	250	1.2	<2	0.38	3.1	27	92	103	11.05
401213		3.08	0.015		0.5	8.85	57	180	1.1	<2	0.55	3.4	23	86	91	10.85
401214		2.73	0.022		0.6	9.27	72	160	1.2	<2	0.18	2.9	27	88	76	10.70
401215		3.60	0.022		0.5	9.31	66	240	1.2	<2	0.24	2.2	24	86	78	10.50
401216		0.08	>10.0	18.20												
401217		3.15	0.020		0.5	9.74	56	210	1.1	<2	0.61	1.7	25	96	90	10.55
401218		2.47	0.011		0.5	10.20	42	220	1.1	<2	0.79	1.4	20	99	91	8.75
401219		2.92	0.019		<0.5	9.24	48	250	1.3	<2	1.06	1.5	23	95	97	10.00
401220		3.19	0.021		<0.5	6.87	68	150	1.0	<2	3.98	3.2	18	65	82	11.35

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166140

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401201		30	3.96	40	0.59	92	9	1.77	89	260	7	3.82	<5	19	68	<20
401202		30	3.94	40	0.58	85	9	1.75	90	260	9	3.89	<5	19	68	<20
401203		30	4.36	40	0.59	53	8	1.60	77	320	8	3.93	<5	31	60	<20
401204		30	3.90	40	0.46	18	10	1.51	102	220	30	7.26	5	17	54	<20
401205		20	3.28	30	0.82	132	8	1.36	111	310	22	6.62	<5	18	59	<20
401206		20	2.83	30	2.17	537	8	0.82	129	210	19	7.92	<5	22	115	<20
401207																
401208		30	3.83	40	1.02	176	11	1.83	93	240	15	4.81	5	18	82	<20
401209		20	3.50	30	0.90	154	9	0.90	123	230	17	7.63	<5	23	65	<20
401210		20	3.62	40	0.62	68	9	1.50	98	240	14	6.41	6	23	60	<20
401211																
401212		20	3.52	30	0.58	73	11	1.16	133	230	29	8.26	6	16	57	<20
401213		20	3.50	40	0.69	107	10	0.77	131	220	29	8.48	10	15	57	<20
401214		20	3.64	40	0.57	41	13	0.80	123	210	32	8.86	15	15	46	<20
401215		20	3.45	30	0.66	58	11	1.10	117	220	28	8.20	12	17	48	<20
401216																
401217		20	2.98	40	0.59	100	11	2.58	121	230	27	8.16	8	18	69	<20
401218		20	3.06	40	0.63	103	10	2.92	100	210	23	6.49	8	19	80	<20
401219		20	3.94	40	0.82	115	10	0.60	114	230	23	7.34	12	17	61	<20
401220		20	3.03	30	1.98	323	13	0.23	121	190	34	8.72	8	12	99	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166140

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401201		0.36	<10	10	185	<10	615
401202		0.35	10	10	183	<10	611
401203		0.50	<10	10	189	<10	385
401204		0.36	10	10	181	<10	440
401205		0.26	<10	10	150	<10	320
401206		0.27	<10	10	162	<10	506
401207							
401208		0.38	<10	10	211	<10	410
401209		0.26	<10	10	180	<10	657
401210		0.35	10	10	185	<10	419
401211							
401212		0.24	10	10	179	<10	911
401213		0.26	10	10	174	<10	878
401214		0.30	10	10	195	<10	855
401215		0.26	10	10	179	<10	698
401216							
401217		0.31	10	10	206	<10	411
401218		0.32	10	10	181	<10	432
401219		0.33	10	10	186	<10	423
401220		0.22	10	10	196	<10	878

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166140

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166144

Projet: KAN

Bon de commande #: K087

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166144

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401221		3.04	0.017		<0.5	6.49	61	200	0.9	<2	4.01	2.8	16	63	66	10.10
401222		<0.02	0.022		<0.5	6.66	64	200	0.9	<2	4.07	2.7	17	65	67	10.45
401223		2.74	0.030		<0.5	7.93	60	250	1.1	<2	1.65	2.7	20	78	92	10.30
401224		2.51	0.028		<0.5	6.82	62	210	1.0	<2	2.63	3.5	18	67	84	10.70
401225		2.89	0.029		<0.5	8.11	77	250	1.2	<2	1.58	2.0	19	82	67	10.25
401226		2.63	0.035		<0.5	6.87	91	190	1.0	<2	1.78	2.5	15	71	91	11.85
401227		0.04	1.315													
401228		3.16	0.029		<0.5	7.41	71	210	1.0	<2	2.97	2.0	18	73	87	10.55
401229		2.43	0.010		<0.5	8.65	35	240	1.3	3	1.07	1.6	18	104	111	9.45
401230		2.35	0.014		<0.5	8.08	48	220	1.2	<2	0.74	2.6	22	91	110	9.97
401231		0.23	<0.005													
401232		2.26	0.046		0.7	7.03	147	100	1.1	<2	1.22	5.2	22	79	63	13.40
401233		2.89	0.024		<0.5	8.03	67	230	1.2	<2	1.16	2.7	28	81	65	9.47
401234		2.69	0.009		<0.5	8.83	30	220	1.3	<2	1.46	1.6	24	106	120	9.82
401235		2.01	0.011		<0.5	9.06	44	220	1.3	<2	1.41	1.3	29	119	77	8.08
401236		0.09	>10.0	18.55												
401237		3.01	0.013		<0.5	8.09	16	180	1.2	<2	1.75	1.4	6	107	170	10.75
401238		2.08	0.008		<0.5	9.30	40	210	1.4	<2	0.87	1.0	18	119	92	8.72
401239		2.12	0.006		<0.5	8.79	24	210	1.3	<2	0.68	1.4	18	116	113	8.76
401240		3.00	0.009		<0.5	8.22	18	200	1.3	<2	2.68	1.4	19	94	168	10.30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166144

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401221		20	2.72	30	1.96	311	12	0.37	105	180	32	7.70	11	11	100	<20
401222		20	2.78	30	1.99	314	12	0.37	108	190	33	8.01	7	11	102	<20
401223		20	3.47	30	0.97	137	11	0.38	125	210	32	8.26	9	13	63	<20
401224		20	2.92	30	1.37	217	13	0.38	123	180	38	8.35	11	12	80	<20
401225		20	3.58	30	0.95	146	14	0.42	123	220	42	8.90	11	13	63	<20
401226		20	2.93	30	0.98	169	17	0.42	137	240	41	>10.0	16	11	62	<20
401227																
401228		20	3.04	30	1.56	282	14	0.69	120	210	39	8.43	12	14	86	<20
401229		20	3.94	30	0.81	129	9	0.32	110	230	19	6.57	9	17	51	<20
401230		20	3.85	20	0.64	103	10	0.25	120	220	25	7.58	8	14	42	<20
401231																
401232		20	3.08	30	0.87	174	37	0.26	144	410	61	>10.0	13	12	54	<20
401233		20	3.74	30	0.79	150	13	0.27	108	230	33	8.23	10	14	49	<20
401234		20	3.96	40	1.04	183	8	0.34	115	250	22	6.25	6	19	60	<20
401235		20	4.06	30	1.01	156	9	0.39	90	250	23	5.75	<5	18	57	<20
401236																
401237		20	3.50	30	1.20	258	7	0.36	127	280	11	5.60	<5	18	62	<20
401238		30	4.12	40	0.87	146	9	0.27	99	290	16	5.60	<5	19	51	<20
401239		20	3.90	30	0.68	107	8	0.45	104	250	16	5.35	<5	16	47	<20
401240		20	3.61	30	1.63	440	7	0.39	123	360	13	5.55	<5	19	90	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166144

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401221		0.22	<10	10	183	<10	798
401222		0.23	10	10	188	<10	815
401223		0.25	<10	10	188	<10	892
401224		0.21	<10	10	190	<10	1045
401225		0.28	<10	10	219	<10	651
401226		0.21	<10	10	239	<10	795
401227							
401228		0.26	<10	10	210	<10	619
401229		0.32	10	10	160	<10	449
401230		0.31	<10	10	176	<10	684
401231							
401232		0.20	<10	20	423	<10	1270
401233		0.27	10	10	198	<10	749
401234		0.33	10	<10	148	<10	423
401235		0.35	<10	10	153	<10	325
401236							
401237		0.24	<10	<10	136	<10	370
401238		0.35	<10	<10	156	<10	297
401239		0.30	10	10	149	<10	416
401240		0.29	<10	10	133	<10	410

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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166144

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166147

Projet: KAN

Bon de commande #: K088

Ce rapport s'applique aux 16 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166147

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
401245		1.81	<0.05	<0.05	<0.05	<0.001	148.35	1648.0	<0.01	<0.01
401246		2.07	0.24	0.53	0.22	0.074	140.10	1917.0	0.23	0.21
401247		0.05							1.28	
401248		2.17	0.21	0.66	0.18	0.103	156.70	2004	0.12	0.23
401249		2.93	1.91	1.57	1.93	0.232	147.35	2493	2.01	1.84
401250		2.87	0.17	0.08	0.18	0.011	134.85	2455	0.22	0.13
401251		0.30							<0.01	
401252		2.41	0.47	2.71	0.31	0.428	157.70	2252	0.27	0.35
401253		2.62	0.69	1.02	0.68	0.139	136.35	2465	0.54	0.81
401254		3.11	0.42	1.14	0.38	0.183	161.10	2821	0.40	0.35
401255		3.01	0.23	0.34	0.23	0.030	88.36	2742	0.27	0.19
401256		0.09							17.95	
401257		2.41	<0.05	<0.05	<0.05	<0.001	39.68	2329	0.01	<0.01
401258		2.50	<0.05	<0.05	<0.05	<0.001	114.30	2372	<0.01	<0.01
401259		2.64	<0.05	<0.05	<0.05	<0.001	136.00	2480	<0.01	<0.01
401260		2.80	<0.05	<0.05	<0.05	<0.001	156.50	2607	<0.01	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166147

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 23
PUL- 21	SCR- 21	SPLIT- Z	WEI- 21
WSH- 22			

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166153

Projet: KAN

Bon de commande #: K088

Ce rapport s'applique aux 4 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % <75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166153

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
401241		3.05	0.031	0.7	5.04	115	50	1.0	<2	1.36	3.2	24	68	123	14.60	10
401242		<0.02	0.030	0.9	5.30	125	60	1.0	<2	1.36	3.9	24	77	127	15.25	20
401243		3.37	0.091	1.6	3.41	220	40	0.7	<2	0.73	5.4	61	66	166	25.4	10
401244		3.42	0.054	1.1	2.51	99	70	0.6	<2	0.66	2.5	35	32	129	16.20	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166153

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
401241		2.26	30	0.89	346	15	0.11	133	220	57	>10.0	13	11	46	<20	0.18
401242		2.38	30	0.91	344	15	0.11	140	230	57	>10.0	13	11	47	<20	0.20
401243		1.30	20	0.84	497	14	0.05	95	270	105	>10.0	30	8	30	<20	0.12
401244		1.06	10	0.61	442	8	0.04	85	220	56	>10.0	17	6	24	<20	0.11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166153

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401241		10	10	152	<10	882
401242		10	10	159	<10	1020
401243		10	<10	104	<10	1480
401244		<10	<10	58	<10	466

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166153

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	CRU- QC	LOG- 21
	LOG- 21d	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 13- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166158

Projet: KAN

Bon de commande #: K090

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166158

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401281		2.68	0.016		<0.5	6.29	<5	500	2.6	<2	0.59	<0.5	19	95	52	10.45
401282		<0.02	0.019		<0.5	6.11	<5	480	2.5	<2	0.59	<0.5	20	96	50	10.20
401283		2.20	0.015		<0.5	6.93	12	600	2.3	<2	0.60	<0.5	31	116	66	10.90
401284		2.49	0.013		<0.5	6.77	<5	620	1.9	<2	1.85	0.5	14	90	31	5.93
401285		2.10	<0.005		<0.5	6.50	8	510	1.2	<2	2.51	<0.5	14	83	8	4.44
401286		2.13	0.008		<0.5	7.12	11	430	1.3	<2	2.84	0.7	30	111	96	7.05
401287		0.04	0.766													
401288		2.39	0.009		<0.5	6.61	22	80	0.5	<2	6.40	0.6	47	99	120	8.04
401289		2.30	0.011		<0.5	6.47	12	30	<0.5	<2	6.10	0.7	43	111	128	8.07
401290		2.57	0.006		<0.5	6.63	5	40	<0.5	<2	6.09	0.6	47	123	112	8.22
401291		0.19	0.005													
401292		2.72	0.007		<0.5	6.99	9	50	<0.5	<2	5.93	<0.5	52	129	157	8.48
401293		2.30	0.006		<0.5	6.48	29	10	<0.5	<2	5.13	0.5	53	128	120	9.28
401294		2.52	<0.005		<0.5	6.46	18	50	<0.5	<2	5.51	0.6	47	116	140	8.18
401295		2.95	0.005		<0.5	6.32	26	10	<0.5	<2	6.22	0.8	46	122	136	8.26
401296		0.08	>10.0	17.60												
401297		2.19	0.008		<0.5	7.10	39	<10	<0.5	<2	5.24	0.6	52	140	163	9.24
401298		2.68	0.005		<0.5	6.18	62	30	<0.5	<2	7.39	0.8	53	119	158	8.15
401299		2.57	<0.005		<0.5	7.20	14	500	1.2	<2	2.56	<0.5	21	91	61	5.72
401300		2.85	0.006		<0.5	8.76	<5	690	1.9	<2	1.06	<0.5	12	80	33	5.23

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166158

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401281		20	3.62	20	1.65	1780	1	0.03	51	250	10	1.77	<5	12	30	<20
401282		20	3.54	20	1.61	1775	1	0.03	49	240	10	1.75	<5	12	29	<20
401283		20	4.48	20	1.96	1135	2	0.03	71	370	8	1.96	<5	21	29	<20
401284		20	4.19	30	1.57	1170	3	0.07	45	210	13	1.09	<5	10	63	<20
401285		20	3.52	20	1.43	1110	2	1.06	42	170	12	0.01	<5	11	88	<20
401286		20	3.36	10	2.20	901	<1	1.02	62	280	3	0.12	<5	25	88	<20
401287																
401288		20	0.97	<10	3.17	1420	<1	1.82	97	400	7	0.10	<5	33	191	<20
401289		20	0.59	<10	4.10	1355	<1	1.46	141	320	11	0.03	<5	34	176	<20
401290		20	0.70	<10	4.33	1340	<1	1.49	157	320	2	0.09	<5	34	179	<20
401291																
401292		20	0.76	<10	4.12	1305	<1	1.88	162	340	5	0.16	<5	35	184	<20
401293		20	0.13	<10	5.07	1405	<1	1.02	195	350	3	0.06	<5	34	143	<20
401294		10	0.97	<10	4.34	1270	<1	1.40	148	290	7	0.09	<5	33	156	<20
401295		10	0.10	<10	4.21	1395	<1	1.42	123	360	<2	0.10	<5	35	173	<20
401296																
401297		20	0.05	<10	4.58	1335	<1	1.62	133	370	4	0.07	<5	40	151	<20
401298		20	0.17	<10	4.00	1540	<1	1.19	145	330	13	0.03	<5	37	209	<20
401299		20	2.90	20	2.04	977	<1	0.51	56	240	9	0.04	<5	17	89	<20
401300		20	4.58	30	1.32	896	<1	0.05	27	180	18	0.09	<5	10	48	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166158

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401281		0.29	<10	<10	181	<10	110
401282		0.28	<10	<10	176	<10	107
401283		0.45	<10	<10	272	<10	143
401284		0.26	<10	<10	203	<10	78
401285		0.25	<10	<10	183	<10	85
401286		0.45	<10	<10	225	<10	109
401287							
401288		0.59	<10	<10	290	<10	93
401289		0.56	<10	<10	279	<10	85
401290		0.55	<10	<10	280	<10	85
401291							
401292		0.57	<10	<10	296	<10	83
401293		0.60	<10	<10	309	<10	100
401294		0.55	<10	<10	283	<10	86
401295		0.59	<10	<10	299	<10	90
401296							
401297		0.68	<10	<10	348	<10	102
401298		0.61	<10	<10	310	<10	90
401299		0.36	<10	<10	140	<10	65
401300		0.29	<10	<10	67	<10	99

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166158

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166160

Projet: KAN

Bon de commande #: K089

Ce rapport s'applique aux 15 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 26- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21d	Notation déchantillon- ClientBarCode dup
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
CRU- QC	Test concassage QC
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166160

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
401261		3.09	<0.05	<0.05	<0.05	<0.001	81.17	1412.0	<0.01	<0.01
401262		<0.02	<0.05	<0.05	<0.05	<0.001	54.19	1440.5	<0.01	<0.01
401263		2.13	<0.05	<0.05	<0.05	<0.001	75.81	2044	<0.01	<0.01
401264		2.30	<0.05	<0.05	<0.05	<0.001	67.91	2220	<0.01	<0.01
401265		2.21	<0.05	<0.05	<0.05	<0.001	81.32	2118	0.05	0.01
401266		2.04	<0.05	<0.05	<0.05	<0.001	34.11	1997.0	<0.01	<0.01
401267		0.05							1.31	
401268		2.28	<0.05	<0.05	<0.05	<0.001	4.18	2260	<0.01	<0.01
401269		2.61	<0.05	<0.05	<0.05	<0.001	57.36	2545	0.01	<0.01
401270		2.65	0.18	1.80	0.15	0.083	45.99	2595	0.20	0.10
401271		0.16							<0.01	
401272		2.52	0.09	3.16	0.05	0.108	34.20	2471	0.02	0.07
401273		2.79	0.48	2.42	0.43	0.176	72.83	2701	0.54	0.32
401274		2.54	<0.05	<0.05	<0.05	<0.001	15.77	2508	0.02	0.03
401275		3.28	<0.05	0.17	<0.05	0.023	132.05	3130	<0.01	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166160

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	CRU- QC	LOG- 21	LOG- 21d
LOG- 23	PUL- 21	SCR- 21	SPL- 21d
SPLIT- Z	WEI- 21	WSH- 22	

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166163

Projet: KAN

Bon de commande #: K089

Ce rapport s'applique aux 5 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166163

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401276		0.08	>10.0	18.15												
401277		2.11	<0.005		<0.5	0.82	<5	10	0.5	<2	1.77	<0.5	8	22	8	17.75
401278		2.14	0.008		<0.5	3.99	<5	190	1.5	2	2.80	<0.5	11	56	26	16.10
401279		2.21	0.005		<0.5	6.33	8	530	2.5	<2	1.34	<0.5	27	100	89	12.00
401280		1.96	0.008		<0.5	6.12	<5	430	2.5	4	1.65	<0.5	18	82	35	11.85

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166163

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401276																
401277		<10	0.14	10	2.65	14600	<1	<0.01	15	470	<2	0.16	<5	2	25	<20
401278		20	2.10	20	2.74	10800	1	0.01	28	510	5	1.12	<5	7	70	<20
401279		20	4.24	20	2.06	1365	5	0.03	73	270	10	3.05	<5	19	50	<20
401280		20	3.59	20	2.05	2550	2	0.03	46	230	14	2.18	<5	10	63	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166163

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401276							
401277		0.09	<10	<10	72	<10	16
401278		0.21	<10	<10	142	<10	72
401279		0.37	<10	10	284	<10	111
401280		0.25	<10	<10	164	<10	123

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166163

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:
ME- ICP61

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Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166167

Projet: KAN

Bon de commande #: K092

Ce rapport s'applique aux 11 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
PUL- 21	Pulvériser échantillon entier
BAG- 01	Entreposage pulp de ref.
CRU- 31	Granulation - 70 % <2 mm
LOG- 21	Entrée échantillon - Code barre client
WEI- 21	Poids échantillon reçu
SPLIT- Z	Diviser Pulp pour envoyer
WSH- 22	"Nettoyer" pulvérisateurs
SCR- 21	Filtrer à - 100 - 106 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- SCR21	Au essai pyro filtre - 100 - 106 um	WST- SIM
Au- AA25	Teneur marchande Au 30 g fini FA AA	AAS
Au- AA25D	Teneur marchande Au 30 g FA AA dup	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166167

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- SCR21 Au Total ppm 0.05	Au- SCR21 Au (+) F ppm 0.05	Au- SCR21 Au (-) F ppm 0.05	Au- SCR21 Au (+) m mg 0.001	Au- SCR21 WT. + Fr g 0.01	Au- SCR21 WT. - Fr g 0.1	Au- AA25 Au ppm 0.01	Au- AA25D Au ppm 0.01
401329		3.64	<0.05	<0.05	<0.05	<0.001	137.95	3242	<0.01	<0.01
401330		4.33	<0.05	0.08	<0.05	0.011	138.95	3901	0.01	0.02
401331		0.21							<0.01	
401332		2.67	<0.05	<0.05	<0.05	<0.001	115.75	2545	<0.01	<0.01
401333		5.57	1.11	3.96	1.07	0.302	76.35	5194	0.98	1.16
401334		4.35	0.07	<0.05	0.07	<0.001	150.35	3920	0.13	0.01
401335		7.62	<0.05	<0.05	<0.05	<0.001	146.95	7053	<0.01	<0.01
401336		0.07							17.60	
401337		2.60	<0.05	<0.05	<0.05	<0.001	130.55	2451	<0.01	<0.01
401338		6.50	0.06	0.06	0.06	0.010	154.20	6026	0.05	0.06
401339		4.64	0.33	0.91	0.32	0.122	133.50	4217	0.28	0.35

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166167

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA25	Au- AA25D	Au- SCR21	BAG- 01
CRU- 31	LOG- 21	PUL- 21	SCR- 21
SPLIT- Z	WEI- 21	WSH- 22	

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166174

Projet: KAN

Bon de commande #: K092

Ce rapport s'applique aux 10 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166174

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
401321		2.29	<0.005	<0.5	10.45	<5	510	2.2	2	0.12	<0.5	12	87	34	4.59	30
401322		<0.02	<0.005	<0.5	10.40	<5	490	2.2	<2	0.09	<0.5	11	88	34	4.60	30
401323		2.32	<0.005	<0.5	9.91	<5	510	2.1	3	0.14	<0.5	10	87	41	4.27	30
401324		2.56	<0.005	<0.5	10.40	<5	540	2.2	2	0.15	<0.5	13	93	68	4.27	30
401325		2.35	0.006	<0.5	9.82	<5	530	2.1	<2	0.15	<0.5	14	95	76	4.89	30
401326		1.54	0.012	<0.5	10.25	<5	660	2.2	<2	0.10	<0.5	15	89	65	4.68	30
401327		0.04	1.325													
401328		2.90	0.005	<0.5	7.14	29	130	0.5	<2	5.24	1.0	45	125	189	8.82	20
401340		1.84	0.028	0.5	9.66	76	250	1.3	2	0.12	2.9	30	94	77	11.20	30
401341		2.86	0.022	0.5	9.76	65	240	1.2	2	0.47	1.5	25	97	92	11.05	30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166174

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
401321		5.32	40	1.03	175	1	0.58	34	200	14	0.55	<5	12	51	<20	0.35
401322		5.30	40	1.01	176	1	0.57	35	200	12	0.56	<5	12	49	20	0.34
401323		5.20	30	0.96	170	1	0.37	33	180	37	0.54	<5	11	44	<20	0.33
401324		5.44	40	0.97	167	3	0.48	42	200	9	0.65	<5	12	51	<20	0.35
401325		5.05	40	1.05	186	1	0.20	36	460	23	0.70	<5	12	46	20	0.33
401326		5.08	30	1.07	181	4	0.07	39	240	5	0.66	<5	12	35	<20	0.33
401327																
401328		1.09	10	3.76	1210	1	1.05	119	350	21	0.16	<5	36	236	<20	0.60
401340		3.74	30	0.56	27	14	0.99	138	240	43	9.49	<5	16	48	<20	0.34
401341		3.47	40	0.65	104	12	1.76	122	240	35	8.93	<5	17	61	<20	0.36

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166174

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401321		<10	<10	101	<10	86
401322		<10	<10	98	<10	88
401323		<10	<10	92	<10	77
401324		<10	<10	113	<10	72
401325		<10	<10	109	<10	84
401326		<10	<10	105	<10	74
401327						
401328		<10	<10	312	<10	117
401340		<10	10	203	<10	928
401341		<10	10	201	<10	638

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166174

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	LOG- 23	PUL- 31	PUL- 31d
PUL- QC	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 19- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166178

Projet: KAN

Bon de commande #: K091

Ce rapport s'applique aux 20 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINIÈRE OSISKO INC.
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Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166178

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
401301		2.25	0.005		<0.5	9.57	5	760	2.3	<2	0.20	<0.5	10	96	31	4.59
401302		<0.02	<0.005		<0.5	9.50	<5	770	2.3	<2	0.18	<0.5	10	95	31	4.53
401303		2.93	<0.005		<0.5	8.79	<5	580	1.9	<2	0.17	<0.5	9	82	13	4.90
401304		2.07	<0.005		<0.5	8.74	<5	590	2.0	<2	0.14	<0.5	10	84	14	4.01
401305		2.81	<0.005		<0.5	7.24	<5	470	1.6	<2	0.22	<0.5	10	70	30	3.54
401306		2.14	<0.005		<0.5	9.41	<5	630	2.1	2	0.05	<0.5	10	87	29	4.20
401307		0.04	1.320													
401308		2.14	<0.005		<0.5	9.04	<5	570	1.9	<2	0.16	<0.5	10	79	23	3.89
401309		1.90	<0.005		<0.5	8.27	<5	510	1.8	<2	0.11	<0.5	10	78	25	3.67
401310		2.30	<0.005		<0.5	9.07	<5	530	1.9	<2	0.22	<0.5	10	85	21	4.17
401311		0.20	<0.005													
401312		2.36	<0.005		<0.5	9.23	<5	520	2.0	<2	0.36	<0.5	12	86	28	3.91
401313		2.25	<0.005		<0.5	9.49	<5	540	2.1	<2	0.13	<0.5	13	89	37	4.34
401314		2.59	0.005		<0.5	10.10	<5	560	2.2	2	0.09	<0.5	13	95	58	4.55
401315		2.49	<0.005		<0.5	8.72	<5	450	2.0	<2	0.13	<0.5	11	86	48	3.88
401316		0.07	>10.0	17.20												
401317		2.21	<0.005		<0.5	9.93	<5	520	2.2	<2	0.05	<0.5	11	98	33	4.87
401318		2.58	<0.005		<0.5	9.38	<5	450	2.0	<2	0.09	<0.5	10	95	20	4.72
401319		1.69	0.007		<0.5	10.35	<5	470	2.1	<2	0.07	<0.5	13	95	38	4.84
401320		2.10	0.005		<0.5	9.66	<5	440	2.0	4	0.07	<0.5	13	80	39	4.73

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166178

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
401301		20	4.69	30	1.03	526	<1	0.17	30	180	20	0.11	<5	12	30	<20
401302		20	4.48	30	1.02	519	<1	0.15	30	180	12	0.11	<5	12	31	<20
401303		20	4.54	30	1.09	469	<1	0.51	33	220	9	0.07	<5	10	31	<20
401304		20	4.25	20	1.00	272	<1	0.36	30	180	9	0.13	<5	10	30	<20
401305		20	3.91	30	0.80	214	<1	0.30	24	180	21	0.30	<5	8	32	<20
401306		20	4.21	30	0.98	240	1	0.14	29	180	8	0.32	<5	10	29	<20
401307																
401308		20	4.63	30	0.92	273	<1	0.22	27	170	11	0.24	<5	10	35	<20
401309		20	4.43	30	0.88	216	2	0.07	31	170	24	0.28	<5	9	28	<20
401310		20	4.25	30	1.00	252	1	0.15	32	190	25	0.30	<5	10	36	<20
401311																
401312		20	4.78	30	0.96	255	<1	0.07	34	180	28	0.48	<5	10	56	<20
401313		20	3.89	20	0.99	176	<1	0.11	34	180	20	0.66	<5	11	35	<20
401314		30	4.42	30	1.01	180	1	0.14	39	160	25	0.59	<5	11	40	<20
401315		20	4.61	30	0.86	187	3	0.19	36	230	26	0.47	<5	10	43	<20
401316																
401317		30	5.15	30	1.10	190	<1	0.19	36	190	8	0.35	<5	13	48	20
401318		30	4.81	30	1.06	186	<1	0.40	32	200	11	0.28	<5	12	45	<20
401319		30	5.10	30	1.01	159	1	0.81	35	180	23	0.61	<5	12	52	20
401320		20	4.90	30	0.99	154	<1	0.50	34	180	11	0.59	<5	11	43	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166178

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401301		0.31	<10	<10	69	<10	82
401302		0.31	10	<10	71	<10	82
401303		0.32	<10	<10	61	<10	93
401304		0.33	<10	<10	67	<10	74
401305		0.26	<10	<10	55	<10	59
401306		0.34	<10	<10	62	<10	70
401307							
401308		0.32	<10	<10	58	<10	67
401309		0.29	<10	<10	67	<10	63
401310		0.32	<10	<10	67	<10	72
401311							
401312		0.31	<10	<10	72	<10	62
401313		0.32	<10	<10	81	<10	70
401314		0.34	<10	<10	90	<10	72
401315		0.29	<10	<10	115	<10	60
401316							
401317		0.36	<10	<10	98	<10	85
401318		0.33	<10	<10	83	<10	81
401319		0.34	<10	<10	105	<10	78
401320		0.31	<10	<10	90	<10	80

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 19- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166178

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 18- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166670

Projet: KAN

Bon de commande #: K058

Ce rapport s'applique aux 14 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166670

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400394		<0.5	0.17	<5	10	<0.5	<2	9.10	1.4	4	9	2	14.40	<10	0.04	<10
400395		<0.5	0.12	<5	10	<0.5	<2	9.34	1.4	1	7	1	11.65	<10	0.03	<10
400396		<0.5	0.19	<5	20	<0.5	<2	7.72	1.0	1	11	2	12.00	<10	0.04	<10
400398		<0.5	0.18	<5	10	<0.5	3	11.10	0.6	2	10	4	11.00	<10	0.03	10
400399		<0.5	0.05	<5	10	0.5	<2	5.08	1.1	2	21	1	13.30	<10	0.02	10
400400		<0.5	0.09	<5	10	<0.5	<2	5.24	1.1	2	9	1	13.00	<10	0.02	10
399902		<0.5	0.23	<5	10	<0.5	<2	8.67	1.4	2	7	3	13.35	<10	0.03	10
399903		<0.5	0.11	<5	10	<0.5	<2	5.79	1.0	2	11	1	10.55	<10	0.02	10
399904		<0.5	0.12	<5	10	<0.5	<2	8.27	1.1	3	9	<1	12.35	<10	0.03	<10
399905		<0.5	0.08	<5	10	<0.5	<2	6.21	0.9	1	17	<1	10.95	<10	0.02	<10
399907		<0.5	0.10	<5	10	0.5	<2	6.38	1.1	4	8	3	13.05	<10	0.02	<10
399908		<0.5	0.08	<5	10	<0.5	<2	6.54	1.2	5	10	2	11.85	<10	0.01	<10
399909		<0.5	0.13	<5	10	<0.5	<2	7.60	1.3	3	10	6	12.00	<10	0.01	<10
399910		<0.5	0.11	<5	10	<0.5	<2	9.76	1.0	1	9	3	9.76	<10	0.02	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166670

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400394		4.55	4710	1	0.02	2	220	6	0.18	<5	<1	85	<20	0.01	<10	<10
400395		4.41	4280	1	0.01	2	180	7	0.08	<5	<1	137	<20	<0.01	<10	<10
400396		3.72	3910	1	0.01	3	240	2	0.12	<5	<1	66	<20	0.01	<10	<10
400398		5.06	3780	1	0.01	4	220	5	0.30	<5	<1	95	<20	0.01	<10	<10
400399		2.84	3510	<1	0.01	2	260	<2	0.08	<5	<1	24	<20	<0.01	<10	<10
400400		3.15	3480	<1	0.01	3	250	2	0.09	<5	<1	23	<20	<0.01	<10	<10
399902		4.34	3760	1	0.01	3	210	2	0.26	<5	<1	43	<20	0.01	<10	<10
399903		3.09	3060	<1	0.01	1	220	<2	0.09	<5	<1	46	<20	<0.01	<10	<10
399904		4.12	3950	<1	0.01	3	210	6	0.09	9	<1	61	<20	0.01	10	<10
399905		3.08	3400	<1	0.01	1	160	5	0.04	<5	<1	41	<20	<0.01	<10	<10
399907		3.44	4360	<1	0.01	1	230	5	0.31	<5	<1	59	<20	<0.01	10	<10
399908		3.39	3870	<1	0.01	<1	190	5	0.16	<5	<1	97	<20	<0.01	<10	<10
399909		3.88	3960	1	0.01	1	130	5	0.50	<5	<1	154	<20	<0.01	<10	<10
399910		4.35	4130	<1	0.01	1	100	3	0.12	<5	<1	188	<20	<0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166670

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400394		14	<10	15
400395		8	<10	13
400396		15	<10	12
400398		18	<10	13
400399		6	<10	4
400400		8	<10	5
399902		16	<10	7
399903		9	<10	5
399904		11	<10	4
399905		8	<10	4
399907		8	<10	7
399908		7	<10	14
399909		7	<10	22
399910		6	<10	13

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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166670

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166671

Projet: KAN

Bon de commande #: K068

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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2103 Dollarton Hwy
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166671

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400100		<0.5	0.45	10	40	<0.5	<2	1.61	<0.5	4	14	3	25.1	<10	0.11	10
400102		<0.5	0.48	17	40	<0.5	<2	1.54	<0.5	5	12	13	22.4	<10	0.15	10
400103		<0.5	0.21	108	20	<0.5	<2	2.44	1.2	5	9	18	22.2	<10	0.06	10
400104		<0.5	0.58	347	20	<0.5	<2	3.31	1.2	4	18	11	24.3	<10	0.14	10
400105		<0.5	0.08	10	10	<0.5	<2	1.48	0.9	9	6	53	26.2	<10	0.03	<10
400107		<0.5	0.31	59	10	<0.5	<2	1.47	0.8	7	15	11	25.3	<10	0.12	<10
400108		<0.5	2.91	12	120	2.4	<2	1.22	0.5	10	43	21	18.75	10	1.48	10
400109		<0.5	2.72	<5	120	2.1	2	2.47	0.7	9	38	25	19.30	10	1.39	10
400110		<0.5	0.25	<5	<10	<0.5	<2	2.38	0.8	7	17	<1	20.0	<10	0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166671

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400100		3.64	10650	<1	0.01	5	370	<2	0.38	<5	1	37	<20	0.04	<10	<10
400102		2.87	5580	<1	0.07	8	180	<2	1.17	<5	1	54	<20	0.02	10	<10
400103		3.03	6070	<1	0.01	8	690	<2	1.81	<5	<1	71	<20	0.01	<10	<10
400104		3.84	8170	<1	0.01	4	310	<2	1.39	8	2	116	<20	0.03	<10	<10
400105		3.00	4880	1	<0.01	17	20	<2	3.66	<5	<1	37	<20	<0.01	<10	<10
400107		3.44	9380	<1	0.01	4	230	<2	1.29	<5	1	40	<20	0.01	<10	<10
400108		2.30	9830	2	0.03	14	420	3	2.11	<5	5	29	<20	0.10	<10	<10
400109		2.67	6170	2	0.03	19	330	<2	2.26	6	5	52	<20	0.07	<10	<10
400110		2.93	8380	<1	<0.01	3	300	<2	0.17	<5	1	39	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166671

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400100		29	<10	35
400102		17	<10	52
400103		13	<10	38
400104		33	<10	60
400105		10	<10	33
400107		19	<10	61
400108		140	<10	61
400109		127	<10	59
400110		18	<10	23

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166671

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166672

Projet: KAN

Bon de commande #: K074

Ce rapport s'applique aux 14 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- OCT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166672

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400964		<0.5	0.19	<5	20	<0.5	<2	1.31	1.3	4	18	5	20.9	<10	0.06	10
400965		<0.5	0.27	<5	10	0.7	<2	1.92	1.5	5	15	4	25.1	<10	0.04	10
400966		<0.5	0.25	<5	10	0.7	<2	2.57	0.9	3	12	2	21.4	<10	0.03	10
400968		<0.5	0.33	<5	10	0.9	<2	3.30	1.4	5	16	3	21.3	<10	0.03	10
400969		<0.5	0.36	<5	10	0.7	<2	3.43	1.6	7	13	2	23.1	<10	0.04	10
400970		<0.5	0.28	<5	10	0.7	<2	1.70	0.8	5	11	1	24.5	<10	0.04	10
400972		<0.5	0.26	7	10	0.7	<2	1.85	1.3	5	13	2	24.6	<10	0.06	10
400973		<0.5	0.17	10	20	0.6	<2	1.42	0.9	5	15	3	23.3	<10	0.09	10
400974		<0.5	0.11	13	20	<0.5	<2	1.85	1.3	4	14	1	22.7	<10	0.06	10
400975		<0.5	0.11	<5	20	0.5	<2	2.32	1.1	2	12	2	24.6	<10	0.05	10
400977		<0.5	0.13	<5	20	<0.5	<2	1.62	1.3	1	12	3	24.1	<10	0.06	10
400978		<0.5	0.20	<5	20	0.5	<2	3.44	1.6	6	9	15	26.0	<10	0.09	10
400979		<0.5	0.49	<5	20	<0.5	<2	3.04	1.3	4	21	3	20.9	<10	0.08	10
400980		<0.5	0.45	10	<10	0.6	<2	2.82	1.5	5	20	6	21.1	<10	0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166672

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400964		2.31	5960	1	0.02	5	270	<2	0.32	<5	<1	16	<20	0.01	<10	<10
400965		2.88	8600	<1	0.02	5	340	<2	0.27	<5	1	19	<20	0.02	<10	<10
400966		2.79	8580	<1	0.01	5	300	<2	0.09	<5	<1	19	<20	0.02	<10	<10
400968		3.17	9840	<1	0.01	6	580	<2	0.05	7	1	21	<20	0.03	10	<10
400969		3.64	10400	1	0.01	5	480	<2	0.03	<5	1	22	<20	0.03	<10	<10
400970		3.35	10350	<1	0.01	5	420	<2	0.02	<5	1	12	<20	0.02	<10	<10
400972		3.45	11450	<1	0.01	4	490	<2	0.09	9	1	18	<20	0.02	<10	<10
400973		3.08	10850	<1	0.02	3	360	<2	0.12	<5	<1	16	<20	0.02	<10	<10
400974		3.37	8240	<1	0.02	<1	250	<2	0.06	6	<1	19	<20	0.01	<10	<10
400975		3.61	8190	<1	0.02	2	310	<2	0.09	8	<1	21	<20	0.01	<10	<10
400977		3.24	8050	<1	0.03	1	260	<2	0.16	<5	<1	17	<20	0.01	<10	<10
400978		3.83	9810	<1	0.04	6	430	2	0.76	<5	<1	42	<20	0.01	<10	<10
400979		3.31	9360	<1	0.03	5	740	<2	0.15	<5	1	32	<20	0.03	<10	<10
400980		3.33	11650	<1	<0.01	8	440	<2	0.16	<5	1	17	<20	0.04	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166672

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400964		27	<10	19
400965		28	<10	10
400966		17	<10	7
400968		21	<10	7
400969		22	<10	10
400970		19	<10	9
400972		19	<10	8
400973		13	<10	7
400974		12	<10	6
400975		13	<10	6
400977		11	<10	11
400978		18	<10	14
400979		28	<10	10
400980		27	<10	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 10- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166672

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

ALS Canada Ltd.

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166673

Projet: KAN

Bon de commande #: K053

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- OCT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166673

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400309		<0.5	1.08	14	30	0.6	<2	3.02	0.9	11	27	37	14.50	<10	0.31	10
400310		<0.5	0.64	<5	10	0.8	<2	1.71	0.6	7	23	12	19.65	<10	0.04	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166673

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400309		2.98	7960	1	0.10	18	600	2	0.23	<5	3	36	<20	0.09	<10	<10
400310		3.36	13800	1	0.01	9	480	2	0.13	<5	2	19	<20	0.08	10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166673

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400309		78	<10	53
400310		54	<10	18

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 9- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166673

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166674

Projet: KAN

Bon de commande #: K069

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166674

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400111		<0.5	0.27	15	<10	<0.5	<2	2.01	0.7	16	17	74	22.2	<10	0.02	10
400112		<0.5	0.23	17	<10	<0.5	<2	1.93	0.5	16	15	75	21.9	<10	0.01	10
400113		<0.5	0.17	65	<10	<0.5	3	1.19	<0.5	13	16	103	18.95	<10	0.03	10
400114		<0.5	0.30	<5	<10	<0.5	<2	5.30	<0.5	8	22	69	11.10	<10	0.03	10
400116		<0.5	0.16	<5	<10	<0.5	<2	5.45	0.7	4	14	17	13.00	<10	0.02	10
400118		<0.5	0.17	<5	10	<0.5	3	6.94	0.7	4	10	1	18.80	<10	<0.01	10
400119		<0.5	0.21	7	<10	<0.5	<2	7.31	0.8	5	12	3	17.35	<10	0.01	10
400120		<0.5	0.14	968	<10	<0.5	<2	5.70	0.7	13	15	114	19.30	<10	0.02	10
400130		<0.5	0.13	103	<10	<0.5	<2	3.85	0.6	2	17	20	11.25	<10	0.02	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166674

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400111		3.39	10850	1	0.01	38	520	6	3.97	<5	1	43	<20	0.01	10	<10
400112		3.43	11050	<1	0.01	36	520	6	3.98	<5	1	42	<20	0.01	<10	<10
400113		2.52	7280	<1	<0.01	56	310	9	5.83	<5	<1	27	<20	<0.01	<10	<10
400114		2.51	3820	<1	<0.01	37	140	6	3.51	<5	1	152	<20	0.01	<10	<10
400116		3.08	3480	1	<0.01	7	150	7	1.40	<5	<1	74	<20	<0.01	<10	<10
400118		5.02	4710	1	<0.01	4	130	3	0.26	<5	<1	56	<20	0.01	<10	<10
400119		4.79	4810	1	<0.01	3	120	<2	0.33	<5	1	57	<20	0.01	<10	<10
400120		4.68	6080	<1	<0.01	78	170	15	4.85	<5	<1	111	<20	<0.01	<10	<10
400130		2.53	3780	<1	<0.01	3	110	5	1.22	<5	<1	99	<20	<0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166674

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400111		20	<10	72
400112		18	<10	72
400113		14	<10	52
400114		21	<10	31
400116		14	<10	17
400118		17	<10	15
400119		25	<10	23
400120		13	<10	47
400130		12	<10	31

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166674

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada. FND- 02
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME- ICP61

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166675

Projet: KAN

Bon de commande #: K054

Ce rapport s'applique aux 10 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166675

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400311		<0.5	0.62	<5	10	<0.5	<2	5.38	0.7	4	25	40	17.65	<10	0.01	10
400312		0.6	0.70	<5	10	<0.5	<2	5.56	0.9	7	34	38	17.95	10	0.01	10
400313		0.5	0.36	<5	<10	<0.5	<2	6.34	0.7	3	14	65	20.6	<10	0.01	10
400314		<0.5	0.29	<5	10	<0.5	<2	9.27	0.8	7	21	46	14.90	<10	0.02	<10
400315		<0.5	0.38	<5	10	<0.5	<2	9.07	0.9	26	17	55	17.55	<10	0.06	<10
400316		<0.5	0.17	<5	10	<0.5	<2	3.85	0.9	2	11	21	17.70	<10	0.01	10
400318		<0.5	4.22	<5	280	2.8	4	3.90	<0.5	3	48	34	13.70	10	1.88	20
400319		<0.5	0.16	<5	<10	<0.5	<2	3.14	0.5	1	23	7	13.70	<10	0.01	10
400320		<0.5	0.14	<5	<10	<0.5	<2	4.04	0.6	3	26	4	14.25	<10	0.01	10
400322		0.5	3.19	<5	150	1.9	<2	3.39	0.6	14	75	127	13.95	10	1.56	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166675

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400311		4.44	9710	1	<0.01	8	450	5	4.35	<5	2	115	<20	0.03	<10	<10
400312		4.53	9680	<1	0.01	8	440	<2	4.50	<5	2	117	<20	0.03	<10	<10
400313		4.59	9050	2	<0.01	11	410	6	7.09	<5	1	138	<20	0.01	<10	<10
400314		4.57	7710	1	0.01	10	240	7	4.79	<5	1	195	<20	<0.01	<10	<10
400315		4.47	8480	<1	0.01	10	260	6	6.49	<5	1	193	<20	<0.01	10	<10
400316		3.06	6980	1	0.01	4	400	<2	2.08	<5	<1	56	<20	<0.01	<10	<10
400318		2.75	3690	7	0.06	15	560	5	2.57	<5	10	68	<20	0.12	<10	10
400319		2.11	3370	1	<0.01	1	230	<2	0.57	<5	<1	39	<20	<0.01	<10	<10
400320		2.53	3940	<1	<0.01	2	230	4	0.51	<5	<1	31	<20	0.01	<10	<10
400322		1.91	1715	9	0.05	53	420	8	5.88	<5	7	73	<20	0.11	10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166675

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400311		36	<10	65
400312		40	<10	69
400313		22	<10	48
400314		16	<10	39
400315		22	<10	40
400316		12	<10	42
400318		97	<10	56
400319		13	<10	19
400320		13	<10	15
400322		85	<10	24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166675

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16166676

Projet: KAN

Bon de commande #: K076

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 1- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166676

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
401001		<0.5	1.71	<5	100	<0.5	<2	9.27	0.6	20	27	164	16.05	10	0.43	10
401002		<0.5	1.71	6	100	<0.5	<2	9.58	0.7	20	28	175	16.50	10	0.44	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166676

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
401001		4.64	12050	<1	0.15	25	680	6	1.31	6	7	192	<20	0.11	<10	<10
401002		4.74	12450	1	0.16	27	690	7	1.44	<5	7	199	<20	0.11	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166676

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401001		103	<10	32
401002		103	<10	31

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16166676

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16167799

Projet: KAN

Bon de commande #: K081

Ce rapport s'applique aux 3 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167799

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
401108		<0.5	0.93	<5	10	<0.5	<2	6.55	1.2	3	18	47	15.90	<10	0.07	10
401109		<0.5	1.50	<5	30	<0.5	<2	5.62	1.0	7	24	84	17.70	10	0.24	10
401110		0.5	1.98	<5	70	<0.5	<2	3.90	0.7	6	66	118	18.00	10	1.03	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167799

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
401108		4.01	7820	1	0.01	23	260	5	2.15	<5	2	138	<20	0.04	<10	<10
401109		3.86	6570	<1	0.08	38	770	7	2.85	<5	3	166	<20	0.07	<10	<10
401110		3.75	5580	3	0.23	40	850	14	2.83	6	7	144	<20	0.23	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167799

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401108		53	<10	67
401109		65	<10	93
401110		82	<10	109

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167799

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16167800

Projet: KAN

Bon de commande #: K088

Ce rapport s'applique aux 13 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167800

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
401245		<0.5	1.17	26	40	<0.5	<2	0.34	<0.5	8	46	42	4.31	<10	0.38	10
401246		<0.5	0.29	6	10	<0.5	<2	8.34	0.5	4	17	20	14.85	<10	0.07	10
401248		<0.5	0.37	12	10	<0.5	<2	7.70	0.7	3	12	6	15.65	<10	0.09	10
401249		<0.5	0.17	8	10	<0.5	<2	7.82	0.8	5	7	11	16.85	<10	0.02	10
401250		<0.5	0.18	<5	10	<0.5	2	7.73	0.6	7	6	14	15.65	<10	0.04	<10
401252		<0.5	0.30	19	20	<0.5	<2	9.12	0.5	4	7	21	13.80	<10	0.10	<10
401253		<0.5	0.41	10	70	<0.5	<2	6.66	0.7	1	13	6	10.75	<10	0.19	10
401254		<0.5	0.33	9	50	<0.5	<2	6.90	0.7	6	15	22	16.90	<10	0.15	10
401255		<0.5	0.29	<5	10	<0.5	<2	2.71	0.6	3	17	5	22.4	<10	0.07	10
401257		<0.5	0.35	6	10	0.5	<2	1.22	0.5	8	18	4	22.5	<10	0.04	10
401258		<0.5	0.26	<5	<10	<0.5	4	1.58	<0.5	7	31	2	21.9	<10	0.01	10
401259		<0.5	0.27	18	<10	0.7	<2	1.37	<0.5	9	13	2	21.7	<10	0.02	10
401260		<0.5	0.20	7	<10	0.8	<2	1.50	0.5	7	10	<1	24.7	<10	0.02	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167800

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
401245		0.49	280	10	0.01	30	270	5	2.05	<5	2	11	<20	0.08	<10	10
401246		4.63	3770	2	0.01	10	290	5	0.98	<5	1	113	<20	0.02	10	<10
401248		4.35	3750	1	0.02	3	390	3	0.43	<5	1	133	<20	0.01	10	<10
401249		4.39	4750	<1	0.01	2	380	2	0.64	<5	<1	145	<20	<0.01	<10	<10
401250		4.28	4030	<1	<0.01	2	280	<2	0.88	<5	<1	128	<20	0.01	10	<10
401252		4.17	4100	1	<0.01	3	250	9	1.01	<5	1	161	<20	0.01	<10	<10
401253		3.23	3460	1	0.01	<1	500	2	0.34	<5	1	129	<20	<0.01	10	<10
401254		4.26	4000	<1	0.01	2	360	12	0.99	<5	1	124	<20	0.01	10	<10
401255		4.35	5850	1	<0.01	2	510	2	0.30	<5	1	55	<20	0.02	10	<10
401257		3.21	11350	1	<0.01	7	850	6	0.18	<5	1	19	<20	0.04	<10	<10
401258		3.72	7420	<1	<0.01	3	210	<2	0.06	<5	1	20	<20	0.03	10	<10
401259		3.40	8230	<1	<0.01	6	350	4	0.06	<5	1	16	<20	0.03	10	<10
401260		3.87	8790	<1	<0.01	3	790	3	0.04	<5	1	15	<20	0.02	10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167800

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401245		68	<10	32
401246		54	<10	22
401248		24	<10	25
401249		10	<10	19
401250		12	<10	26
401252		18	<10	24
401253		18	<10	27
401254		18	<10	31
401255		18	<10	30
401257		24	<10	12
401258		23	<10	6
401259		23	<10	6
401260		16	<10	6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167800

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16167802

Projet: KAN

Bon de commande #: K047

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

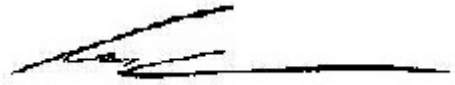
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167802

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400189		0.6	1.34	<5	50	<0.5	<2	4.28	0.6	5	40	100	16.00	<10	0.62	10
400190		<0.5	0.14	<5	10	<0.5	<2	4.70	0.6	4	19	43	13.55	<10	0.03	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167802

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400189		1.97	1865	7	0.04	61	330	9	6.09	<5	3	125	<20	0.07	<10	<10
400190		2.59	3970	1	0.01	17	150	5	2.35	<5	<1	97	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167802

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400189		69	<10	18
400190		11	<10	24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167802

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16167804

Projet: KAN

Bon de commande #: K092

Ce rapport s'applique aux 9 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167804

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
401329		<0.5	0.15	<5	10	0.6	<2	4.39	0.8	6	7	<1	21.6	<10	0.03	10
401330		<0.5	0.20	<5	10	0.5	<2	2.20	0.7	5	10	<1	23.1	<10	0.03	10
401332		<0.5	5.51	39	50	<0.5	<2	8.76	<0.5	37	124	32	6.28	10	0.53	<10
401333		<0.5	1.08	12	50	<0.5	<2	5.30	0.9	6	21	16	16.45	<10	0.40	10
401334		<0.5	0.25	7	10	<0.5	<2	8.75	1.0	2	8	2	17.20	<10	0.03	10
401335		<0.5	0.44	6	20	<0.5	<2	11.70	1.0	3	7	24	15.70	<10	0.15	10
401337		<0.5	6.67	28	20	0.7	<2	6.03	<0.5	39	154	76	8.78	20	0.11	10
401338		<0.5	0.29	<5	10	0.5	<2	2.61	0.9	3	10	<1	19.55	<10	0.02	10
401339		<0.5	0.15	<5	10	<0.5	<2	4.02	1.1	5	7	<1	22.0	<10	0.04	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167804

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
401329		3.48	8970	<1	0.01	2	340	<2	0.07	<5	<1	32	<20	0.01	<10	<10
401330		2.68	10900	1	0.01	3	450	<2	0.06	<5	1	30	<20	0.02	<10	<10
401332		6.65	1255	<1	1.25	131	520	<2	0.31	<5	24	88	<20	0.09	10	<10
401333		3.45	4560	<1	0.04	10	120	<2	0.99	<5	3	108	<20	0.05	<10	<10
401334		4.86	5120	1	0.01	3	170	<2	0.40	<5	1	125	<20	0.01	<10	<10
401335		6.02	4190	2	0.06	5	530	4	2.00	<5	1	132	<20	0.01	<10	<10
401337		3.67	1890	<1	0.33	63	440	<2	0.05	<5	36	117	<20	0.68	<10	<10
401338		2.91	7700	<1	<0.01	3	260	<2	0.14	<5	1	44	<20	0.02	<10	<10
401339		3.38	5330	<1	0.01	3	190	<2	0.41	6	<1	42	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167804

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401329		12	<10	4
401330		14	<10	9
401332		209	<10	65
401333		45	<10	42
401334		22	<10	27
401335		24	<10	64
401337		332	<10	107
401338		20	<10	18
401339		17	<10	11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167804

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16167807

Projet: KAN

Bon de commande #: K079

Ce rapport s'applique aux 3 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167807

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
401065		<0.5	2.26	<5	10	<0.5	2	1.83	0.6	9	73	18	15.10	10	0.02	10
401066		<0.5	0.35	<5	10	<0.5	<2	5.15	1.1	4	13	25	19.45	<10	0.03	10
401068		<0.5	0.29	<5	10	<0.5	<2	3.11	0.8	3	12	24	16.95	<10	0.02	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167807

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
401065		2.97	4420	1	0.01	32	320	2	0.73	<5	10	60	<20	0.24	<10	<10
401066		3.74	6320	<1	<0.01	13	180	8	1.01	<5	1	108	<20	0.02	<10	<10
401068		3.60	4740	1	<0.01	13	120	4	0.98	<5	1	62	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167807

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401065		109	<10	86
401066		27	<10	36
401068		41	<10	30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167807

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16167821

Projet: KAN

Bon de commande #: K084

Ce rapport s'applique aux 5 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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2103 Dollarton Hwy
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167821

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
401175		<0.5	0.69	17	10	0.6	<2	2.97	0.5	9	40	3	19.90	<10	0.03	10
401177		<0.5	0.76	12	40	<0.5	<2	1.72	0.5	7	26	3	19.00	<10	0.05	10
401178		<0.5	0.26	8	20	<0.5	<2	2.97	0.7	5	15	6	21.5	<10	0.04	10
401179		<0.5	0.14	<5	10	<0.5	<2	3.48	0.7	4	11	5	20.4	<10	0.02	10
401180		<0.5	0.33	<5	20	<0.5	<2	6.55	0.5	3	14	23	13.40	<10	0.04	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167821

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
401175		3.25	13250	<1	<0.01	6	410	5	0.13	<5	2	37	<20	0.09	<10	<10
401177		2.64	13150	<1	<0.01	12	490	7	0.44	<5	2	31	<20	0.08	<10	<10
401178		3.92	7860	<1	<0.01	4	310	7	0.34	<5	1	52	<20	0.02	<10	<10
401179		3.51	6730	<1	<0.01	1	250	4	0.31	<5	<1	58	<20	0.01	<10	<10
401180		3.06	6280	<1	0.01	9	210	<2	0.87	<5	1	173	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167821

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401175		58	<10	16
401177		44	<10	23
401178		18	<10	21
401179		10	<10	20
401180		21	<10	26

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167821

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16167827

Projet: KAN

Bon de commande #: K066

Ce rapport s'applique aux 3 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 3- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167827

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400068		<0.5	1.12	<5	20	<0.5	<2	2.92	<0.5	9	27	43	10.60	<10	0.10	<10
400069		<0.5	0.64	<5	<10	<0.5	<2	3.48	0.5	14	15	80	17.65	<10	0.01	10
400070		1.1	0.64	<5	<10	<0.5	<2	3.92	0.6	5	18	254	19.95	<10	<0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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www.alsglobal.com

À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167827

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400068		2.33	5590	<1	0.10	17	390	5	0.15	<5	5	32	<20	0.09	<10	<10
400069		3.42	13650	<1	<0.01	35	390	7	2.91	<5	2	48	<20	0.04	<10	<10
400070		3.85	8270	<1	<0.01	111	540	10	6.92	<5	2	83	<20	0.01	<10	<10

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plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167827

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400068		66	<10	26
400069		54	<10	32
400070		38	<10	46

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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16167827

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16168485

Projet: KAN

Bon de commande #: K071

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16168485

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400901		<0.5	0.15	6	10	<0.5	<2	1.31	0.7	4	5	1	27.8	<10	0.07	10
400902		<0.5	0.16	<5	10	<0.5	<2	1.32	0.7	4	6	1	27.9	<10	0.07	10
400903		<0.5	0.08	11	10	<0.5	2	1.24	<0.5	4	2	<1	27.4	<10	0.03	<10
400904		<0.5	0.11	9	10	<0.5	<2	1.75	0.6	4	3	<1	29.2	<10	0.03	<10
400905		<0.5	0.10	6	10	<0.5	3	1.72	0.8	3	8	<1	26.2	<10	0.04	<10
400906		<0.5	0.05	12	<10	<0.5	2	1.62	0.7	4	17	1	22.6	<10	0.02	<10
400908		<0.5	0.36	11	<10	0.5	<2	2.98	0.5	8	21	2	18.75	<10	0.01	10
400909		<0.5	0.48	<5	<10	0.7	3	5.70	<0.5	7	16	6	19.05	<10	<0.01	10
400910		<0.5	0.55	<5	<10	<0.5	<2	3.05	0.7	7	18	9	17.75	<10	0.01	10
400912		<0.5	0.83	<5	<10	0.5	<2	2.75	<0.5	10	21	10	21.9	<10	<0.01	10
400913		<0.5	0.49	<5	<10	1.0	<2	2.18	0.5	7	14	5	19.60	<10	0.01	10
400914		<0.5	0.58	<5	10	0.5	2	3.53	0.7	6	15	3	17.60	<10	0.05	10
400915		<0.5	0.94	18	50	0.7	2	0.89	<0.5	8	24	12	21.2	<10	0.44	10
400917		<0.5	5.60	10	270	2.6	<2	0.65	<0.5	28	118	48	15.10	20	2.84	20
400918		<0.5	5.61	14	240	2.5	<2	0.45	<0.5	16	76	21	11.35	20	2.75	20
400919		<0.5	6.52	59	280	3.2	<2	0.25	<0.5	20	90	22	10.45	20	3.16	20
400920		<0.5	5.80	8	190	2.6	<2	0.50	<0.5	18	77	18	13.95	20	1.78	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16168485

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400901		4.24	7630	<1	0.01	2	250	<2	0.15	<5	<1	26	<20	0.01	<10	<10
400902		4.27	7650	<1	0.02	1	230	6	0.17	<5	<1	26	<20	0.01	10	<10
400903		4.26	7100	<1	0.01	<1	110	4	0.03	<5	<1	20	<20	<0.01	10	<10
400904		4.88	6470	<1	0.01	1	100	6	0.02	<5	<1	31	<20	<0.01	<10	<10
400905		4.36	5270	<1	0.01	1	130	4	0.03	<5	<1	31	<20	<0.01	<10	<10
400906		3.66	6220	<1	<0.01	2	130	3	0.06	<5	<1	23	<20	<0.01	10	<10
400908		2.81	10500	<1	<0.01	5	450	6	0.12	<5	1	25	<20	0.04	<10	<10
400909		3.71	10750	<1	<0.01	7	410	4	0.10	<5	1	34	<20	0.06	10	<10
400910		2.89	11800	<1	<0.01	9	360	32	0.12	<5	2	18	<20	0.07	10	<10
400912		3.50	11800	1	<0.01	12	490	3	0.17	<5	3	18	<20	0.11	<10	<10
400913		3.06	10200	<1	<0.01	7	430	<2	0.07	<5	2	15	<20	0.06	<10	<10
400914		3.09	10500	<1	<0.01	8	380	3	0.08	<5	2	36	<20	0.07	<10	<10
400915		2.62	16100	1	0.01	17	510	2	0.78	<5	3	17	<20	0.13	<10	<10
400917		2.04	3210	9	0.03	55	510	3	3.60	<5	14	33	<20	0.42	<10	<10
400918		1.48	2320	1	0.03	38	310	5	1.97	<5	10	25	<20	0.22	<10	<10
400919		1.58	1480	1	0.04	49	230	8	1.69	<5	12	16	<20	0.27	<10	<10
400920		2.23	1690	2	0.03	45	240	8	2.27	<5	10	24	<20	0.22	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16168485

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400901		8	<10	24
400902		8	<10	26
400903		6	<10	17
400904		8	<10	23
400905		7	<10	18
400906		5	<10	9
400908		22	<10	10
400909		33	<10	10
400910		40	<10	54
400912		60	<10	19
400913		42	<10	16
400914		40	<10	26
400915		77	<10	54
400917		202	<10	125
400918		160	<10	102
400919		160	<10	99
400920		176	<10	117

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 14- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16168485

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 20- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16168493

Projet: KAN

Bon de commande #: K060

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 4- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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plus les pages d'annexe
Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16168493

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399931		0.5	0.20	<5	10	<0.5	<2	10.55	1.2	6	9	3	15.60	<10	0.03	<10
399932		0.5	0.20	5	10	<0.5	<2	11.00	1.1	4	10	3	15.65	<10	0.03	<10
399933		0.5	0.13	<5	10	<0.5	<2	9.30	1.3	<1	8	1	12.65	<10	0.03	<10
399934		<0.5	0.21	<5	20	0.5	<2	5.53	0.9	3	12	2	14.90	<10	0.06	<10
399935		0.6	0.18	<5	10	<0.5	<2	7.59	1.5	2	6	1	15.75	<10	0.05	<10
399936		<0.5	0.38	<5	20	0.5	<2	7.77	1.1	1	15	2	14.75	<10	0.12	<10
399938		<0.5	0.10	<5	10	<0.5	<2	4.23	0.7	1	11	1	13.10	<10	0.03	<10
399939		<0.5	0.28	<5	20	0.5	<2	6.82	0.9	3	18	3	13.90	<10	0.10	<10
399940		<0.5	0.17	<5	10	<0.5	<2	7.13	0.9	3	14	1	12.70	<10	0.06	<10
399942		0.5	0.23	<5	10	<0.5	2	6.94	0.9	3	16	3	12.25	<10	0.10	<10
399943		0.6	0.39	<5	20	0.5	<2	6.22	1.1	3	20	3	13.70	<10	0.18	<10
399944		0.7	0.32	<5	20	0.5	6	6.65	0.8	3	18	4	14.70	<10	0.13	<10
399945		0.5	0.26	<5	10	0.5	<2	7.24	1.4	3	13	3	13.80	<10	0.07	<10
399947		0.7	0.25	<5	20	0.5	5	8.84	1.5	3	13	2	14.40	<10	0.08	<10
399948		0.8	0.37	<5	20	<0.5	<2	6.89	1.3	6	13	5	17.10	<10	0.11	<10
399949		0.7	0.31	<5	10	0.5	<2	9.50	1.1	4	11	2	13.30	<10	0.09	<10
399950		0.6	0.27	<5	10	0.5	<2	11.35	1.1	3	9	2	11.00	<10	0.10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16168493

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399931		5.80	8440	1	<0.01	5	370	<2	0.26	<5	<1	62	<20	0.01	<10	<10
399932		5.90	8450	1	<0.01	3	410	5	0.27	<5	<1	62	<20	0.01	<10	<10
399933		4.90	6560	<1	<0.01	1	290	<2	0.09	<5	<1	51	<20	0.01	<10	<10
399934		3.83	7370	1	0.02	<1	320	3	0.17	<5	<1	27	<20	0.01	<10	<10
399935		4.90	6780	<1	0.01	<1	290	<2	0.12	<5	<1	38	<20	0.01	<10	<10
399936		4.51	7240	<1	0.01	5	220	3	0.18	<5	1	35	<20	0.02	<10	<10
399938		2.72	5910	<1	<0.01	2	310	<2	0.08	<5	<1	20	<20	0.01	<10	<10
399939		3.93	6350	<1	0.01	4	400	<2	0.11	<5	1	30	<20	0.02	<10	<10
399940		4.03	6460	<1	<0.01	3	230	<2	0.03	<5	<1	32	<20	0.02	<10	<10
399942		3.94	7260	1	0.01	4	340	<2	0.09	<5	1	32	<20	0.02	<10	<10
399943		3.87	9570	<1	0.01	7	410	<2	0.08	<5	1	30	<20	0.04	<10	<10
399944		4.14	9930	1	0.02	4	380	<2	0.10	<5	1	32	<20	0.05	<10	<10
399945		4.26	9630	<1	0.01	3	360	<2	0.08	<5	1	34	<20	0.03	<10	<10
399947		5.07	9470	<1	0.01	2	280	<2	0.04	<5	1	47	<20	0.04	<10	<10
399948		4.68	11550	<1	<0.01	6	410	2	0.09	<5	1	37	<20	0.05	<10	<10
399949		5.17	9070	1	<0.01	2	340	<2	0.07	<5	1	47	<20	0.04	<10	<10
399950		5.55	7450	1	0.01	3	250	<2	0.02	<5	1	47	<20	0.04	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16168493

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399931		18	<10	5
399932		18	<10	5
399933		13	<10	4
399934		15	<10	6
399935		16	<10	4
399936		23	<10	7
399938		9	<10	3
399939		15	<10	7
399940		11	<10	4
399942		13	<10	5
399943		22	<10	8
399944		22	<10	8
399945		19	<10	6
399947		18	<10	6
399948		25	<10	8
399949		20	<10	6
399950		18	<10	5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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North Vancouver BC V7H 0A7
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16168493

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16169235

Projet: KAN

Bon de commande #: K072

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169235

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400921		<0.5	4.98	11	190	2.6	<2	0.60	<0.5	16	70	15	13.80	20	1.30	20
400922		<0.5	4.88	10	190	2.7	<2	0.58	<0.5	14	69	12	13.85	20	1.29	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169235

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400921		1.77	4020	1	0.05	32	250	6	1.33	<5	9	26	<20	0.19	<10	<10
400922		1.75	4100	1	0.05	31	250	9	1.38	<5	8	26	<20	0.18	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169235

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400921		149	<10	59
400922		143	<10	59

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169235

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16169253

Projet: KAN

Bon de commande #: K067

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169253

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400071		1.3	1.26	<5	<10	<0.5	2	5.75	1.0	15	20	293	17.65	10	<0.01	10
400072		1.5	1.29	<5	<10	<0.5	<2	5.79	0.8	19	19	302	18.05	10	<0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169253

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400071		4.28	6990	1	<0.01	87	420	3	7.23	<5	3	123	<20	0.01	<10	<10
400072		4.36	7050	1	<0.01	90	410	7	7.45	<5	3	126	<20	0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169253

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400071		55	<10	75
400072		56	<10	79

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169253

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16169257

Projet: KAN

Bon de commande #: K062

Ce rapport s'applique aux 8 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169257

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399971		0.8	0.80	<5	20	0.7	<2	7.38	0.9	10	29	8	18.80	<10	0.11	10
399972		0.9	0.84	<5	20	0.7	4	7.61	1.4	12	28	8	19.60	<10	0.12	10
399973		0.8	0.51	<5	20	0.5	<2	1.16	<0.5	8	19	4	17.05	<10	0.08	<10
399974		1.0	0.68	<5	10	1.2	<2	3.48	0.5	8	28	6	18.75	<10	0.06	<10
399975		0.8	0.59	<5	10	0.6	<2	3.68	0.6	7	24	5	15.95	<10	0.03	<10
399976		0.7	2.08	14	150	1.1	<2	6.65	0.9	16	41	19	13.05	10	0.46	<10
399978		0.7	0.72	22	20	<0.5	<2	4.76	0.7	7	22	48	13.30	<10	0.14	<10
399979		0.5	0.61	<5	30	<0.5	3	5.44	0.8	5	18	29	11.25	<10	0.24	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169257

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399971		4.82	12950	1	0.01	10	440	2	0.11	<5	2	49	<20	0.10	<10	<10
399972		5.01	13500	1	0.01	12	450	5	0.11	<5	2	53	<20	0.10	<10	<10
399973		2.64	13000	1	<0.01	7	360	<2	0.08	<5	2	10	<20	0.06	<10	<10
399974		3.63	14400	1	<0.01	6	410	3	0.10	<5	2	25	<20	0.08	<10	<10
399975		3.02	13750	<1	<0.01	6	380	2	0.09	<5	2	26	<20	0.06	<10	<10
399976		4.03	10900	1	0.01	27	430	<2	0.12	<5	11	64	<20	0.20	<10	<10
399978		3.71	11850	<1	0.05	9	420	2	0.28	<5	2	35	<20	0.06	<10	<10
399979		3.45	6930	<1	0.08	10	340	<2	0.09	<5	2	57	<20	0.05	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169257

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399971		56	<10	11
399972		59	<10	11
399973		43	<10	9
399974		65	<10	11
399975		56	<10	11
399976		123	<10	26
399978		68	<10	26
399979		50	<10	42

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169257

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16169263

Projet: KAN

Bon de commande #: K085

Ce rapport s'applique aux 2 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

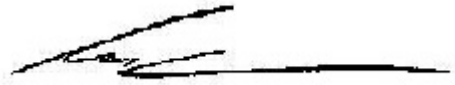
PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169263

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
401181		<0.5	0.21	<5	10	<0.5	<2	5.12	0.6	1	16	14	14.05	<10	0.03	10
401182		<0.5	0.20	<5	10	<0.5	<2	4.77	0.7	1	16	17	13.50	<10	0.03	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169263

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
401181		3.28	4810	1	0.01	8	120	<2	0.85	<5	1	93	<20	0.01	<10	<10
401182		3.11	4610	1	<0.01	10	120	<2	0.87	<5	1	86	<20	<0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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BUREAU 200
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plus les pages d'annexe
Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169263

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401181		19	<10	25
401182		20	<10	26

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169263

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:	Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada. FND- 02
Applique à la Méthode:	Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16169288

Projet: KAN

Bon de commande #: K089

Ce rapport s'applique aux 13 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169288

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
401261		0.6	0.09	<5	10	<0.5	<2	1.33	1.1	3	10	<1	23.5	<10	0.01	<10
401262		0.5	0.08	6	<10	<0.5	<2	1.24	0.6	4	6	<1	22.2	<10	0.01	<10
401263		0.5	0.06	<5	10	<0.5	<2	1.35	0.8	4	8	1	23.3	<10	0.02	<10
401264		<0.5	0.07	<5	10	<0.5	<2	1.22	<0.5	5	8	<1	22.0	<10	0.02	<10
401265		0.8	0.32	<5	20	<0.5	5	1.57	1.0	5	19	3	21.9	<10	0.11	<10
401266		1.0	0.76	<5	10	0.7	2	1.36	1.3	10	37	5	23.0	10	0.02	10
401268		0.8	0.45	<5	10	<0.5	2	1.08	0.9	7	24	3	20.5	<10	0.01	<10
401269		0.5	0.69	<5	40	<0.5	4	4.76	1.1	7	23	3	16.65	10	0.11	10
401270		0.6	0.51	<5	20	<0.5	<2	3.42	0.8	6	23	8	14.90	<10	0.07	10
401272		0.6	0.26	<5	30	<0.5	4	2.37	0.8	4	21	6	15.80	<10	0.07	<10
401273		0.9	0.48	<5	30	<0.5	2	3.06	1.2	9	19	17	20.0	<10	0.09	<10
401274		0.6	0.51	<5	20	<0.5	<2	2.74	0.9	8	44	4	16.15	<10	0.07	10
401275		1.0	0.63	<5	<10	<0.5	<2	3.96	1.0	7	23	6	18.20	<10	<0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
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Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169288

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
401261		3.76	6980	<1	0.01	1	240	<2	0.03	<5	<1	15	<20	0.01	<10	<10
401262		3.56	6550	1	<0.01	1	230	<2	0.02	<5	<1	13	<20	0.01	<10	<10
401263		3.82	6660	1	0.01	<1	130	<2	0.01	<5	<1	18	<20	0.01	<10	<10
401264		3.52	6640	<1	0.01	<1	220	<2	0.02	<5	<1	18	<20	0.01	<10	<10
401265		3.03	10150	1	0.03	4	330	<2	0.15	<5	1	26	<20	0.03	<10	<10
401266		3.23	12050	<1	0.01	9	530	<2	0.20	<5	2	19	<20	0.10	<10	<10
401268		2.74	13800	1	<0.01	5	330	<2	0.14	<5	1	15	<20	0.04	<10	<10
401269		3.80	7660	1	0.02	7	440	<2	0.23	<5	1	84	<20	0.07	<10	<10
401270		3.01	8100	<1	0.05	6	560	<2	0.40	<5	1	67	<20	0.06	<10	<10
401272		2.86	7920	<1	<0.01	4	290	<2	0.22	<5	1	55	<20	0.03	<10	<10
401273		3.33	11000	1	<0.01	9	420	3	0.69	<5	1	82	<20	0.06	<10	<10
401274		2.71	11300	<1	0.01	8	440	3	0.15	<5	2	44	<20	0.07	<10	<10
401275		3.38	13900	<1	<0.01	7	400	6	0.12	<5	2	42	<20	0.09	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169288

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
401261		11	<10	5
401262		10	<10	5
401263		8	<10	7
401264		8	<10	6
401265		22	<10	8
401266		42	<10	10
401268		26	<10	11
401269		41	<10	21
401270		31	<10	28
401272		18	<10	29
401273		33	<10	29
401274		46	<10	16
401275		62	<10	13

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169288

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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QUEBEC QC G1K 7R1

Finalisée date: 20- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16169295

Projet: KAN

Bon de commande #: K061

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169295

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
399951		0.8	0.81	<5	30	0.6	4	10.45	1.2	8	24	12	15.40	<10	0.26	10
399952		0.8	0.79	<5	30	0.6	<2	10.05	1.1	7	24	10	14.95	<10	0.25	10
399953		<0.5	0.26	<5	10	<0.5	<2	6.35	1.3	2	21	3	12.75	<10	0.08	<10
399954		0.5	0.36	<5	10	<0.5	<2	7.97	1.1	5	16	3	15.05	<10	0.03	<10
399955		<0.5	0.27	<5	20	<0.5	<2	10.40	0.9	3	12	6	12.20	<10	0.04	<10
399956		0.5	0.37	<5	20	<0.5	<2	13.10	1.1	4	12	1	12.40	<10	0.05	<10
399958		<0.5	0.29	<5	20	<0.5	<2	10.30	1.5	1	12	2	11.40	<10	0.05	<10
399959		0.6	0.34	<5	10	<0.5	<2	9.83	1.0	4	16	1	11.20	<10	0.04	<10
399960		0.6	0.58	<5	30	<0.5	<2	14.1	0.8	3	17	<1	11.75	<10	0.13	<10
399962		0.5	0.38	<5	10	<0.5	<2	8.88	0.8	6	13	3	11.20	<10	0.07	<10
399963		<0.5	0.35	<5	10	<0.5	<2	12.55	1.2	2	12	1	10.20	<10	0.08	<10
399964		0.8	0.69	<5	10	<0.5	<2	9.72	1.2	6	19	7	14.80	<10	0.06	10
399965		0.9	0.35	<5	10	<0.5	<2	3.53	0.9	6	16	5	14.60	<10	0.10	<10
399967		0.6	0.24	<5	10	<0.5	<2	6.25	1.0	6	13	5	14.45	<10	0.02	<10
399968		0.7	0.25	<5	10	<0.5	<2	15.0	1.4	2	8	<1	12.25	<10	0.05	<10
399969		0.5	0.26	<5	10	<0.5	<2	11.65	1.2	3	11	1	11.15	<10	0.04	<10
399970		0.7	0.41	<5	10	0.5	<2	7.70	1.2	6	13	4	15.95	<10	0.07	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169295

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
399951		5.68	11150	1	0.02	12	460	4	0.29	<5	2	53	<20	0.10	<10	<10
399952		5.51	10950	1	0.01	11	450	3	0.28	<5	2	48	<20	0.10	<10	<10
399953		3.74	9760	<1	<0.01	5	320	<2	0.07	<5	1	35	<20	0.05	<10	<10
399954		4.75	10800	<1	<0.01	5	440	<2	0.08	<5	1	53	<20	0.06	<10	<10
399955		5.05	8120	<1	0.01	3	290	4	0.09	<5	1	103	<20	0.04	<10	<10
399956		6.55	8490	1	0.01	4	230	2	0.02	<5	1	154	<20	0.04	<10	<10
399958		5.12	7690	<1	0.01	3	670	<2	0.07	<5	1	148	<20	0.03	<10	<10
399959		5.18	8350	<1	0.01	4	370	4	0.04	<5	1	142	<20	0.04	<10	<10
399960		6.99	8490	<1	0.01	4	290	3	<0.01	<5	2	191	<20	0.05	<10	<10
399962		4.70	7570	<1	<0.01	4	310	<2	0.07	<5	1	59	<20	0.04	<10	<10
399963		6.06	7330	<1	<0.01	4	320	<2	0.01	<5	1	106	<20	0.04	<10	<10
399964		5.67	11050	<1	<0.01	9	530	<2	0.14	<5	2	89	<20	0.08	<10	<10
399965		3.15	12300	1	<0.01	5	350	<2	0.14	<5	1	21	<20	0.05	<10	<10
399967		4.11	11400	<1	<0.01	5	260	<2	0.10	<5	1	50	<20	0.04	<10	<10
399968		7.03	8830	<1	<0.01	3	270	<2	<0.01	<5	1	203	<20	0.04	<10	<10
399969		5.57	8070	<1	<0.01	2	280	<2	0.01	<5	1	160	<20	0.04	<10	<10
399970		4.91	11000	<1	<0.01	4	380	<2	0.06	<5	1	52	<20	0.06	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169295

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
399951		49	<10	12
399952		48	<10	12
399953		20	<10	6
399954		26	<10	9
399955		19	<10	13
399956		30	<10	19
399958		23	<10	16
399959		28	<10	22
399960		48	<10	26
399962		31	<10	9
399963		30	<10	7
399964		57	<10	13
399965		28	<10	8
399967		19	<10	6
399968		19	<10	10
399969		20	<10	9
399970		34	<10	7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 20- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169295

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
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Finalisée date: 18- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16169377

Projet: KAN

Bon de commande #: K049

Ce rapport s'applique aux 17 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169377

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400211		<0.5	0.12	<5	10	<0.5	6	11.05	1.1	6	7	20	16.60	<10	0.05	<10
400212		<0.5	0.13	<5	10	<0.5	3	11.05	1.0	6	4	18	16.00	<10	0.05	<10
400213		<0.5	0.23	<5	10	<0.5	<2	7.85	0.8	<1	13	4	13.15	<10	0.07	<10
400214		<0.5	0.19	<5	10	<0.5	<2	9.81	0.8	1	10	5	14.85	<10	0.05	<10
400215		<0.5	0.24	<5	10	<0.5	<2	9.15	0.7	2	9	10	14.85	<10	0.03	<10
400216		<0.5	0.36	<5	20	<0.5	3	8.51	0.9	2	9	4	17.05	<10	0.05	10
400218		<0.5	0.22	<5	20	<0.5	<2	8.28	0.7	2	14	4	10.50	<10	0.08	10
400219		<0.5	0.35	<5	10	<0.5	2	11.15	1.0	1	7	8	13.75	<10	0.06	10
400220		<0.5	0.33	<5	20	<0.5	2	7.82	0.8	2	10	11	14.05	<10	0.07	10
400222		<0.5	0.34	<5	20	<0.5	<2	10.65	0.9	1	7	8	14.35	<10	0.07	<10
400223		<0.5	0.29	<5	20	<0.5	<2	8.08	0.9	2	6	6	14.85	<10	0.05	<10
400224		<0.5	0.65	<5	20	<0.5	<2	5.74	1.0	2	9	7	16.90	<10	0.06	10
400225		<0.5	0.34	<5	10	<0.5	2	11.35	0.8	1	16	2	13.55	<10	0.06	10
400227		<0.5	0.11	<5	10	<0.5	3	10.85	0.7	<1	6	<1	12.20	<10	0.06	<10
400228		<0.5	0.14	<5	10	<0.5	<2	11.70	1.1	1	7	5	11.60	<10	0.02	<10
400229		<0.5	0.64	<5	10	<0.5	<2	7.29	1.1	8	20	12	18.90	<10	0.03	10
400230		<0.5	0.49	<5	10	<0.5	4	13.20	1.3	5	18	14	19.35	<10	0.03	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169377

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400211		5.38	5660	<1	0.01	5	60	7	2.26	<5	<1	169	<20	<0.01	<10	<10
400212		5.28	5490	<1	0.01	3	60	6	2.32	<5	<1	167	<20	<0.01	<10	<10
400213		4.20	5540	<1	<0.01	1	210	6	0.23	<5	<1	132	<20	0.01	<10	<10
400214		5.09	6110	1	<0.01	3	180	4	0.18	<5	<1	176	<20	0.01	<10	<10
400215		4.74	6340	1	<0.01	4	230	9	0.37	<5	<1	120	<20	0.01	<10	<10
400216		5.08	6240	<1	<0.01	4	340	4	0.18	5	1	103	<20	0.02	<10	<10
400218		4.14	4320	<1	<0.01	3	180	6	0.18	<5	<1	143	<20	0.01	<10	<10
400219		5.65	6120	<1	0.03	1	280	8	0.35	7	1	166	<20	0.02	<10	<10
400220		4.49	5630	<1	<0.01	4	360	9	0.35	<5	<1	155	<20	0.01	<10	<10
400222		5.59	6070	<1	<0.01	2	130	4	0.22	<5	<1	230	<20	0.01	<10	<10
400223		4.49	6270	<1	<0.01	2	220	7	0.17	<5	<1	139	<20	<0.01	<10	<10
400224		4.30	6550	<1	<0.01	3	280	5	0.20	5	1	88	<20	0.01	<10	<10
400225		5.95	6170	<1	<0.01	3	250	8	0.06	7	1	162	<20	0.01	<10	<10
400227		5.63	5710	<1	<0.01	2	240	6	0.02	<5	<1	134	<20	0.01	<10	<10
400228		5.28	6980	<1	<0.01	2	130	4	0.16	<5	1	213	<20	0.01	<10	<10
400229		4.69	13600	1	<0.01	12	410	7	0.66	<5	2	186	<20	0.08	<10	<10
400230		6.18	15950	2	0.01	18	480	11	0.75	5	4	320	<20	0.07	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169377

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400211		8	<10	39
400212		7	<10	39
400213		13	<10	26
400214		13	<10	20
400215		18	<10	11
400216		24	<10	21
400218		16	<10	23
400219		19	<10	31
400220		19	<10	23
400222		16	<10	21
400223		14	<10	14
400224		31	<10	31
400225		19	<10	20
400227		8	<10	10
400228		9	<10	22
400229		46	<10	60
400230		45	<10	50

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169377

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

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À: MINIÈRE OSISKO INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

CERTIFICAT VO16169392

Projet: KAN

Bon de commande #: K048

Ce rapport s'applique aux 18 échantillons de carotte forage soumis à notre laboratoire de Val d'Or, QC, Canada le 5- OCT- 2016.

Les résultats sont transmis à:

SIMON HEBERT	CORPORATIF WEBTREIVE	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: MINIÈRE OSISKO INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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À: MINIÈRE OSISKO INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169392

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10
400191		<0.5	0.04	<5	10	<0.5	<2	3.57	1.4	1	14	18	16.55	<10	0.01	<10
400192		<0.5	0.04	<5	10	<0.5	<2	3.65	1.8	3	10	15	16.70	<10	0.01	<10
400193		5.9	0.07	<5	10	<0.5	<2	6.40	2.2	<1	6	4	17.85	<10	0.02	<10
400194		<0.5	0.09	<5	10	<0.5	<2	2.72	1.4	1	12	6	13.80	<10	0.02	<10
400195		<0.5	0.13	<5	10	<0.5	<2	2.10	1.1	<1	15	2	12.80	<10	0.03	<10
400196		<0.5	0.14	<5	10	<0.5	<2	4.70	1.8	1	8	2	12.90	<10	0.03	<10
400198		<0.5	0.11	<5	10	<0.5	<2	11.55	2.0	2	5	1	14.00	<10	0.02	<10
400199		<0.5	0.24	<5	20	<0.5	<2	9.32	1.8	1	7	5	13.95	<10	0.06	10
400200		<0.5	0.30	<5	20	<0.5	<2	3.48	1.3	2	16	4	8.95	<10	0.06	<10
400202		<0.5	0.09	<5	10	<0.5	<2	6.20	1.8	2	7	3	13.90	<10	0.02	10
400203		<0.5	0.12	<5	20	<0.5	<2	7.69	1.4	1	9	1	11.10	<10	0.03	<10
400204		<0.5	0.22	<5	20	<0.5	<2	8.63	1.2	2	12	2	9.60	<10	0.03	10
400205		<0.5	0.09	<5	10	<0.5	<2	4.70	1.1	2	11	24	11.05	<10	0.04	<10
400206		1.0	8.16	68	330	2.8	20	2.54	1.2	23	69	255	6.25	30	4.33	10
400207																
400208		<0.5	0.12	<5	10	<0.5	<2	7.30	2.1	2	6	5	15.35	<10	0.03	10
400209		<0.5	0.17	<5	10	<0.5	<2	9.01	2.3	2	3	7	15.80	<10	0.04	10
400210		<0.5	0.09	<5	10	<0.5	<2	10.65	2.0	<1	3	4	13.15	<10	0.03	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169392

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10
400191		2.61	3250	<1	0.01	6	260	2	1.06	<5	<1	30	<20	<0.01	10	<10
400192		2.63	3260	<1	<0.01	5	260	<2	1.00	<5	<1	30	<20	<0.01	<10	<10
400193		3.76	5160	<1	0.01	3	170	6	0.21	<5	<1	69	<20	<0.01	<10	<10
400194		1.96	3620	1	<0.01	1	290	<2	0.17	<5	<1	28	<20	<0.01	<10	<10
400195		1.78	3330	<1	<0.01	3	310	4	0.16	<5	<1	16	<20	0.01	<10	<10
400196		2.78	3970	1	<0.01	1	320	2	0.14	<5	<1	47	<20	0.01	<10	<10
400198		5.47	5630	1	<0.01	<1	190	4	0.78	<5	<1	129	<20	0.01	<10	<10
400199		4.59	4880	<1	<0.01	1	240	4	0.52	<5	<1	109	<20	0.01	<10	<10
400200		2.07	2850	<1	0.01	4	180	<2	0.33	<5	<1	53	<20	0.01	<10	<10
400202		3.37	3890	<1	<0.01	2	210	2	0.30	<5	<1	47	<20	<0.01	<10	<10
400203		3.76	3480	<1	<0.01	<1	150	4	0.19	<5	<1	51	<20	0.01	<10	<10
400204		3.83	3610	<1	<0.01	2	170	4	0.19	<5	<1	68	<20	0.01	<10	<10
400205		2.49	3130	<1	<0.01	3	180	2	1.70	<5	<1	51	<20	<0.01	10	<10
400206		1.94	487	1	3.00	82	1080	67	3.64	<5	6	356	<20	0.58	<10	<10
400207																
400208		4.35	4910	<1	0.01	1	190	6	0.35	<5	<1	74	<20	<0.01	<10	<10
400209		4.87	6300	<1	0.01	<1	240	3	0.31	<5	<1	126	<20	<0.01	<10	<10
400210		5.21	5570	<1	0.01	<1	130	7	0.48	<5	<1	170	<20	<0.01	<10	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINIÈRE OSISKO INC.
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plus les pages d'annexe
Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169392

Description échantillon	Méthode élément unités L.D.	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
400191		7	<10	10
400192		7	<10	10
400193		7	<10	16
400194		10	<10	12
400195		12	<10	9
400196		12	<10	10
400198		11	<10	12
400199		20	<10	17
400200		20	<10	17
400202		10	<10	12
400203		10	<10	16
400204		16	<10	11
400205		8	<10	10
400206		75	10	71
400207				
400208		9	<10	23
400209		10	<10	19
400210		5	<10	32

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18- OCT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16169392

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME- ICP61

2016 – Prospection : Osisko

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120199

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 001

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120199

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395151		4.29	0.230		<0.5	0.12	10	10	<0.5	<2	9.09	<0.5	1	7	19	13.50
395152		<0.02	0.170		<0.5	0.11	<5	20	<0.5	<2	9.03	<0.5	4	6	21	13.80
395153		4.31	0.079		<0.5	0.11	<5	10	<0.5	<2	13.45	0.5	<1	3	2	15.45
395154		3.46	0.044		<0.5	0.19	<5	10	<0.5	<2	11.25	<0.5	2	3	5	16.80
395155		4.25	0.034		<0.5	0.09	<5	10	<0.5	<2	11.75	<0.5	<1	5	2	15.70
395156		2.64	0.128		<0.5	0.11	<5	10	<0.5	<2	12.40	0.6	<1	4	5	16.15
395157		0.07	1.320		1.0	8.12	97	120	4.4	<2	2.36	2.5	19	64	62	5.24
395158		6.54	0.056		<0.5	0.13	<5	<10	<0.5	3	11.20	0.6	1	3	5	18.05
395159		2.68	0.130		<0.5	0.11	<5	<10	<0.5	5	10.95	0.6	<1	4	3	15.15
395160		2.10	1.390		<0.5	0.19	<5	<10	<0.5	3	11.95	0.5	<1	4	2	13.70
395161		0.46	<0.005		<0.5	0.03	<5	120	<0.5	<2	18.5	<0.5	<1	2	3	0.19
395162		4.79	0.012		<0.5	0.22	<5	<10	<0.5	7	13.9	0.8	1	3	3	15.20
395163		6.33	0.047		<0.5	0.25	<5	<10	<0.5	3	11.95	0.8	<1	6	4	13.90
395164		5.16	0.774		<0.5	0.21	23	10	<0.5	5	11.55	0.6	1	5	13	15.85
395165		4.14	1.625		<0.5	0.65	8	10	<0.5	3	6.11	1.1	11	8	157	23.8
395166		0.07	>10.0	17.70	1.3	8.13	67	320	2.8	14	2.52	0.7	21	71	254	6.35
395167		6.38	0.309		<0.5	0.33	9	10	<0.5	6	3.95	0.7	3	6	25	25.9
395168		4.71	2.46		<0.5	0.70	<5	10	<0.5	4	5.34	1.1	9	3	108	23.0
395169		3.87	0.035		<0.5	0.10	<5	<10	<0.5	3	1.27	<0.5	4	6	8	24.9
395170		4.29	0.008		<0.5	0.18	<5	10	<0.5	3	14.7	0.6	2	8	4	14.75

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120199

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395151		<10	0.05	<10	3.47	4080	<1	0.01	1	70	5	0.59	<5	<1	110	<20
395152		<10	0.05	<10	3.50	4100	<1	0.01	2	70	3	0.70	<5	<1	110	<20
395153		<10	0.05	<10	5.08	4380	<1	0.01	1	90	8	0.06	<5	<1	153	<20
395154		<10	0.06	10	4.42	6280	<1	0.01	2	390	8	0.08	<5	<1	140	<20
395155		<10	0.03	10	4.30	6220	<1	0.01	2	130	4	0.04	6	<1	134	<20
395156		<10	0.04	10	4.72	6590	<1	0.01	2	230	7	0.10	5	<1	175	<20
395157		30	4.08	10	1.75	447	1	3.57	70	1010	144	2.66	5	5	256	<20
395158		<10	0.01	10	5.45	5490	1	0.01	2	180	5	0.03	<5	<1	129	<20
395159		<10	0.01	<10	4.56	5860	<1	0.01	1	110	5	0.06	<5	<1	157	<20
395160		<10	<0.01	<10	4.12	5960	<1	0.01	2	60	3	0.04	<5	<1	164	<20
395161		<10	0.03	<10	13.45	432	1	0.03	4	50	7	<0.01	<5	<1	169	<20
395162		<10	<0.01	<10	5.00	6110	<1	0.01	<1	80	5	0.05	7	<1	182	<20
395163		<10	<0.01	<10	4.82	5480	<1	0.01	1	80	6	0.07	6	<1	192	<20
395164		<10	0.02	10	4.89	5450	1	0.01	3	120	6	0.35	<5	<1	159	<20
395165		<10	0.06	10	2.74	6500	<1	<0.01	10	350	9	4.90	<5	1	133	<20
395166		30	4.30	10	1.89	475	1	3.01	83	1060	69	3.57	<5	6	353	<20
395167		<10	0.02	10	3.27	8840	<1	<0.01	3	200	4	1.00	<5	<1	85	<20
395168		<10	0.02	10	2.58	7340	<1	<0.01	6	60	5	3.83	6	<1	150	<20
395169		<10	0.02	10	2.62	7290	1	<0.01	1	310	6	0.29	5	<1	18	<20
395170		<10	0.01	10	5.66	4580	1	0.01	2	380	6	0.03	6	<1	186	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120199

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395151		<0.01	<10	<10	10	<10	13
395152		<0.01	<10	<10	10	<10	13
395153		<0.01	<10	<10	12	<10	13
395154		<0.01	<10	<10	14	<10	17
395155		<0.01	10	<10	10	<10	14
395156		<0.01	<10	<10	11	<10	18
395157		0.48	10	<10	62	<10	229
395158		0.01	<10	<10	13	<10	17
395159		<0.01	<10	<10	12	<10	16
395160		<0.01	<10	<10	14	<10	16
395161		<0.01	<10	<10	3	<10	44
395162		<0.01	<10	<10	15	<10	17
395163		<0.01	<10	<10	16	<10	19
395164		0.01	<10	<10	15	<10	17
395165		0.04	<10	<10	26	<10	28
395166		0.57	<10	<10	75	<10	80
395167		0.01	<10	<10	16	<10	33
395168		<0.01	<10	<10	26	<10	35
395169		<0.01	<10	<10	7	<10	16
395170		0.01	<10	<10	15	<10	14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120199

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120205

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 002

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120205

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395171		6.12	0.070		<0.5	0.19	<5	10	<0.5	4	12.50	0.6	2	11	1	15.80
395172		<0.02	0.189		<0.5	0.17	<5	10	<0.5	3	11.25	0.6	2	8	<1	14.20
395173		5.67	2.05		<0.5	0.31	12	10	<0.5	2	8.63	0.7	9	13	12	20.6
395174		6.26	0.035		<0.5	0.17	39	10	<0.5	4	6.50	0.6	3	6	8	22.7
395175		3.50	0.087		<0.5	0.15	7	10	<0.5	4	2.27	0.7	3	5	1	26.5
395176		5.16	0.171		<0.5	0.15	25	10	0.8	<2	3.96	<0.5	5	7	5	25.8
395177		0.05	1.305		1.1	8.09	97	120	4.4	2	2.29	2.5	19	63	58	5.22
395178		5.70	0.562		<0.5	0.21	10	10	<0.5	4	4.10	0.7	4	6	14	24.8
395179		5.00	1.365		<0.5	0.22	19	10	<0.5	5	1.86	<0.5	7	7	50	30.1
395180		4.35	2.22		<0.5	0.22	18	10	<0.5	<2	1.44	<0.5	8	3	18	25.5
395181		0.42	0.005		<0.5	0.03	<5	70	<0.5	<2	18.9	<0.5	<1	1	1	0.23
395182		6.13	0.269		<0.5	0.05	6	10	<0.5	3	1.02	<0.5	4	3	3	28.0
395183		5.60	0.084		<0.5	0.05	6	10	<0.5	5	1.89	<0.5	3	4	11	26.3
395184		6.13	0.739		<0.5	0.04	<5	<10	<0.5	2	1.79	<0.5	4	4	13	25.5
395185		5.28	0.263		<0.5	0.05	<5	10	<0.5	7	2.94	0.9	2	2	5	28.9
395186		0.06	>10.0	17.75	1.1	8.00	67	310	2.7	15	2.43	0.8	22	71	263	6.12
395187		4.97	5.62		0.7	0.27	15	20	<0.5	8	2.68	0.7	5	4	63	23.5
395188		5.69	0.769		<0.5	0.07	5	<10	<0.5	4	2.60	<0.5	5	4	8	23.2
395189		4.63	0.074		<0.5	0.08	<5	10	<0.5	6	2.25	0.6	3	4	2	25.6
395190		5.15	0.065		<0.5	0.07	<5	10	<0.5	6	3.35	0.5	2	3	2	26.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120205

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395171		<10	0.01	10	5.05	5290	1	0.01	2	660	3	0.01	<5	<1	182	<20
395172		<10	0.01	10	4.57	4750	<1	0.01	2	580	3	0.01	<5	<1	167	<20
395173		<10	0.04	10	4.55	5720	1	<0.01	8	740	3	0.43	<5	1	139	<20
395174		<10	0.03	10	4.38	5760	2	<0.01	3	190	7	0.26	5	<1	98	<20
395175		<10	0.03	10	3.73	5910	1	<0.01	1	290	3	0.10	<5	<1	38	<20
395176		<10	0.03	10	3.92	6540	<1	0.01	1	420	<2	0.31	<5	<1	58	<20
395177		30	4.09	10	1.75	458	1	3.51	72	960	163	2.69	6	5	258	<20
395178		<10	0.04	10	3.77	6240	<1	0.01	3	420	3	0.51	<5	<1	72	<20
395179		<10	0.04	10	2.94	6510	2	<0.01	4	210	3	1.20	<5	<1	38	<20
395180		<10	0.03	10	2.42	4570	2	<0.01	2	120	<2	0.57	<5	<1	27	<20
395181		<10	0.03	<10	13.10	411	<1	0.03	2	30	6	<0.01	<5	<1	150	<20
395182		<10	0.03	10	2.78	4640	1	<0.01	<1	170	4	0.22	<5	<1	15	<20
395183		<10	0.01	10	3.26	4970	1	<0.01	2	140	4	0.37	<5	<1	23	<20
395184		<10	0.01	10	3.27	5860	<1	<0.01	1	110	2	0.43	<5	<1	24	<20
395185		<10	0.01	10	3.61	7460	<1	<0.01	<1	100	7	0.17	<5	<1	41	<20
395186		20	4.17	10	1.84	464	1	2.90	78	1040	63	3.44	7	6	341	<20
395187		<10	0.06	10	3.04	4600	1	0.01	6	80	5	2.27	<5	<1	52	<20
395188		<10	0.02	10	3.42	4830	2	<0.01	1	100	3	0.41	<5	<1	42	<20
395189		<10	0.03	10	3.54	4040	1	<0.01	1	100	<2	0.04	<5	<1	34	<20
395190		<10	0.02	10	4.14	4590	<1	<0.01	<1	190	2	0.07	<5	<1	46	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120205

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395171		0.01	<10	<10	15	<10	15
395172		0.01	<10	<10	13	<10	13
395173		0.03	<10	<10	20	<10	20
395174		0.01	<10	<10	13	<10	18
395175		0.01	<10	<10	12	<10	15
395176		0.01	<10	<10	12	<10	13
395177		0.49	<10	<10	63	<10	232
395178		0.01	<10	<10	13	<10	21
395179		0.01	<10	<10	11	<10	23
395180		<0.01	<10	<10	12	<10	18
395181		<0.01	<10	<10	3	<10	47
395182		<0.01	<10	<10	9	<10	14
395183		<0.01	<10	<10	10	<10	14
395184		<0.01	<10	<10	7	<10	16
395185		<0.01	<10	<10	8	<10	16
395186		0.55	<10	<10	73	<10	65
395187		<0.01	<10	<10	12	<10	25
395188		<0.01	<10	<10	8	<10	20
395189		<0.01	<10	<10	8	<10	16
395190		<0.01	<10	<10	8	<10	14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120205

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120206

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 003

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120206

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395251		2.91	0.031		<0.5	0.26	<5	10	0.6	<2	2.12	<0.5	5	4	4	32.2
395252		<0.02	0.009		<0.5	0.27	<5	10	0.6	<2	2.16	<0.5	7	3	3	32.0
395253		5.39	0.095		<0.5	0.17	<5	10	<0.5	<2	5.59	<0.5	2	9	2	22.5
395254		3.91	0.021		<0.5	0.16	<5	10	<0.5	<2	4.75	<0.5	3	4	1	27.0
395255		4.49	0.559		<0.5	0.21	<5	10	<0.5	<2	3.85	<0.5	4	7	5	28.9
395256		3.21	0.308		<0.5	0.18	5	<10	1.0	<2	6.06	<0.5	3	5	1	26.6
395257		0.05	1.345		1.0	8.29	103	120	4.5	2	2.41	2.6	18	63	61	5.36
395258		3.47	0.355		<0.5	0.18	<5	10	0.5	<2	3.64	<0.5	5	4	1	31.0
395259		3.23	0.089		<0.5	0.10	<5	10	<0.5	<2	2.28	<0.5	5	1	<1	37.1
395260		5.55	0.118		<0.5	0.09	<5	10	<0.5	<2	4.43	<0.5	4	7	1	27.4
395261		0.31	<0.005		<0.5	0.05	<5	70	<0.5	<2	14.9	<0.5	<1	1	1	0.77
395262		5.41	0.976		<0.5	0.17	<5	10	<0.5	<2	3.30	<0.5	3	6	16	25.1
395263		5.29	0.140		<0.5	0.18	<5	10	<0.5	<2	4.68	<0.5	3	4	1	28.8
395264		6.30	0.252		<0.5	0.17	<5	10	<0.5	<2	3.07	<0.5	3	3	1	30.4
395265		2.04	0.007		<0.5	0.12	<5	10	<0.5	<2	0.63	<0.5	4	3	1	33.6
395266		0.06	>10.0	17.35	1.1	7.93	70	320	2.8	15	2.56	0.6	23	75	276	6.33
395267		4.70	0.453		<0.5	0.31	<5	20	0.6	<2	0.64	<0.5	5	6	2	35.3
395268		3.61	0.010		<0.5	0.24	<5	10	0.6	<2	5.18	<0.5	3	3	2	29.4
395269		3.60	<0.005		<0.5	0.18	<5	10	<0.5	2	3.41	<0.5	2	6	3	22.0
395270		3.98	<0.005		<0.5	0.32	<5	10	<0.5	<2	3.03	<0.5	4	9	14	20.8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120206

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395251		<10	0.05	10	1.74	9200	1	<0.01	3	420	6	0.06	6	<1	30	<20
395252		<10	0.05	10	1.80	9160	<1	<0.01	2	430	3	0.06	<5	<1	30	<20
395253		<10	0.02	10	3.42	7490	<1	<0.01	3	410	5	0.05	<5	<1	72	<20
395254		<10	0.01	10	3.51	8770	<1	0.01	1	360	6	0.09	7	<1	56	<20
395255		<10	0.01	10	2.64	9100	<1	0.01	2	430	3	0.13	<5	<1	44	<20
395256		<10	0.01	10	3.37	8860	<1	0.01	2	530	6	0.03	<5	<1	82	<20
395257		30	4.13	10	1.79	463	1	3.61	71	1050	148	2.75	6	5	261	<20
395258		<10	0.01	10	2.24	10200	<1	0.01	6	360	5	0.07	5	<1	43	<20
395259		<10	0.01	10	2.35	10500	<1	<0.01	<1	580	6	0.05	<5	<1	38	<20
395260		<10	0.01	10	3.53	8150	<1	<0.01	<1	550	4	0.07	<5	<1	47	<20
395261		<10	0.05	<10	11.00	555	<1	0.08	1	40	5	<0.01	<5	<1	115	<20
395262		<10	0.02	10	2.53	7630	1	<0.01	6	320	4	0.27	<5	<1	43	<20
395263		<10	0.01	10	3.32	8900	<1	<0.01	1	430	6	0.07	<5	<1	74	<20
395264		<10	0.02	10	2.90	9280	<1	<0.01	3	460	<2	0.06	<5	<1	41	<20
395265		<10	0.01	10	1.75	11050	<1	<0.01	2	540	3	0.06	<5	<1	11	<20
395266		30	4.25	10	1.89	483	1	3.02	81	1150	70	3.51	<5	5	348	<20
395267		<10	0.04	10	1.82	11350	<1	<0.01	2	470	7	0.12	<5	<1	10	<20
395268		<10	0.02	10	3.12	9100	<1	<0.01	1	510	6	0.07	5	<1	71	<20
395269		<10	0.02	10	2.52	6680	<1	<0.01	3	290	3	0.06	5	<1	36	<20
395270		<10	0.12	10	2.36	6030	<1	<0.01	5	270	6	0.61	<5	1	37	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120206

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395251		0.01	10	<10	26	<10	18
395252		0.01	<10	<10	26	<10	21
395253		0.01	<10	<10	17	<10	14
395254		0.01	10	<10	15	<10	18
395255		0.01	10	<10	19	<10	18
395256		0.01	<10	<10	18	<10	24
395257		0.50	<10	<10	64	<10	235
395258		0.01	<10	<10	19	<10	22
395259		<0.01	10	<10	14	<10	19
395260		0.01	10	<10	12	<10	13
395261		<0.01	<10	<10	3	<10	40
395262		0.01	<10	<10	14	<10	20
395263		<0.01	<10	<10	19	<10	22
395264		0.01	<10	<10	17	<10	20
395265		0.01	10	<10	16	<10	16
395266		0.56	<10	<10	74	<10	68
395267		0.02	<10	<10	29	<10	22
395268		0.01	<10	<10	24	<10	22
395269		0.01	<10	<10	20	<10	12
395270		0.02	<10	<10	32	<10	31

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120206

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120207

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 004

Ce rapport s'applique aux 10 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120207

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
395271		4.43	<0.005	<0.5	0.12	17	10	0.5	<2	1.38	<0.5	3	8	2	20.6	<10
395272		<0.02	<0.005	<0.5	0.11	8	<10	<0.5	<2	1.36	<0.5	2	8	3	20.3	<10
395273		4.27	0.048	<0.5	0.22	<5	10	<0.5	2	3.14	<0.5	4	7	4	23.0	<10
395274		3.53	0.018	<0.5	0.34	<5	10	0.7	<2	2.77	<0.5	3	9	6	22.9	<10
395275		5.37	<0.005	<0.5	0.15	12	10	0.6	<2	2.66	<0.5	1	6	1	20.1	<10
395276		5.18	<0.005	<0.5	0.21	9	10	0.6	<2	0.82	<0.5	1	9	4	21.3	<10
395277		0.05	1.370	1.0	8.11	98	120	4.5	2	2.34	2.5	18	63	61	5.24	30
395278		3.08	0.623	<0.5	0.41	10	20	0.5	<2	3.17	<0.5	6	9	10	23.5	10
395279		4.93	<0.005	<0.5	0.19	6	40	<0.5	<2	3.76	<0.5	<1	9	6	22.6	<10
395280		2.75	6.59	0.5	0.68	<5	20	0.5	<2	1.74	<0.5	5	9	40	28.7	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120207

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
395271		0.02	<10	2.72	5500	<1	<0.01	3	190	<2	0.34	<5	<1	14	<20	0.01
395272		0.02	10	2.66	5390	<1	<0.01	4	180	<2	0.32	<5	<1	13	<20	0.01
395273		0.06	10	2.96	6130	<1	<0.01	2	190	4	0.27	<5	1	33	<20	0.01
395274		0.05	10	2.43	6470	<1	<0.01	3	210	6	0.14	<5	1	30	<20	0.02
395275		0.03	10	2.96	5410	<1	<0.01	1	260	2	0.12	<5	<1	26	<20	0.01
395276		0.05	<10	1.99	5410	<1	<0.01	3	190	3	0.10	<5	<1	9	<20	0.01
395277		4.09	10	1.74	448	1	3.55	69	1040	144	2.69	<5	5	254	<20	0.49
395278		0.12	10	3.03	6230	1	0.02	8	190	4	0.84	<5	1	38	<20	0.02
395279		0.06	10	3.31	6400	<1	0.01	2	240	8	0.30	<5	<1	39	<20	0.01
395280		0.09	10	2.10	6500	1	<0.01	7	170	9	1.15	<5	1	25	<20	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120207

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395271		<10	<10	11	<10	11
395272		<10	<10	11	<10	11
395273		<10	<10	24	<10	19
395274		<10	<10	37	<10	23
395275		<10	<10	13	<10	8
395276		<10	<10	25	<10	9
395277		<10	<10	62	<10	216
395278		<10	<10	33	<10	11
395279		<10	<10	19	<10	12
395280		<10	<10	42	<10	24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120207

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	LOG- 23	PUL- 31	PUL- 31d
PUL- QC	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120210

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 005

Ce rapport s'applique aux 5 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120210

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
395191		3.50	0.018	<0.5	0.06	<5	10	<0.5	<2	2.42	<0.5	1	5	<1	25.6	<10
395192		<0.02	0.053	<0.5	0.06	<5	10	<0.5	<2	2.46	<0.5	2	4	<1	25.6	<10
395193		3.23	0.585	<0.5	0.19	<5	10	<0.5	<2	2.44	<0.5	2	5	12	23.4	<10
395194		3.80	9.44	<0.5	0.53	5	40	0.5	<2	4.66	<0.5	4	2	49	24.8	<10
395195		4.59	3.99	<0.5	0.40	<5	30	<0.5	<2	4.88	<0.5	6	3	63	24.8	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120210

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
395191		0.02	<10	3.30	4680	1	0.01	1	170	3	0.01	<5	<1	35	<20	<0.01
395192		0.02	<10	3.30	4770	1	0.01	1	160	3	0.01	<5	<1	35	<20	<0.01
395193		0.05	<10	3.05	5080	<1	0.01	1	130	<2	0.17	<5	<1	37	<20	<0.01
395194		0.13	<10	2.39	7340	<1	0.01	2	70	6	0.93	<5	<1	137	<20	<0.01
395195		0.07	<10	2.61	7460	<1	<0.01	3	80	9	0.64	<5	<1	132	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120210

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395191		<10	<10	7	<10	14
395192		<10	<10	6	<10	14
395193		<10	<10	10	<10	15
395194		<10	<10	17	<10	28
395195		<10	<10	15	<10	27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120210

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120211

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 006

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120211

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395281		1.12	0.180		<0.5	0.41	<5	10	<0.5	6	5.71	0.8	<1	6	16	11.10
395282		<0.02	0.179		<0.5	0.45	<5	20	<0.5	7	6.22	1.0	<1	10	15	12.05
395283		2.70	0.053		<0.5	0.22	<5	10	<0.5	5	2.02	<0.5	<1	8	23	11.50
395284		3.22	0.013		<0.5	0.16	<5	20	<0.5	6	3.10	0.7	1	11	28	11.25
395285		2.89	0.017		<0.5	0.13	<5	10	<0.5	6	8.39	1.2	<1	4	8	16.85
395286		3.47	0.010		<0.5	0.40	<5	20	<0.5	4	1.34	0.7	1	7	24	21.4
395287		0.07	1.245		0.8	7.27	96	110	4.2	3	2.15	2.6	16	58	56	4.86
395288		2.92	0.008		<0.5	0.45	<5	20	<0.5	8	0.57	0.6	2	11	88	18.90
395289		3.55	0.006		<0.5	0.29	<5	10	<0.5	5	0.51	<0.5	2	16	68	12.35
395290		5.04	0.010		<0.5	3.12	<5	200	2.1	4	0.25	<0.5	6	61	237	11.40
395291		0.45	<0.005		<0.5	0.04	<5	290	<0.5	3	18.0	<0.5	<1	1	2	0.29
395292		2.73	0.009		<0.5	0.11	<5	<10	<0.5	8	1.95	0.5	1	8	60	11.75
395293		3.67	<0.005		<0.5	0.40	<5	<10	<0.5	3	3.45	0.5	2	15	74	10.45
395294		2.89	0.009		<0.5	1.44	<5	100	0.9	8	3.59	0.6	3	23	89	9.32
395295		3.78	0.010		<0.5	0.16	<5	10	<0.5	3	0.69	<0.5	4	6	119	14.95
395296		0.06	>10.0	18.35	0.8	7.84	68	330	2.8	29	2.53	0.7	21	73	257	6.20
395297		2.33	<0.005		<0.5	0.08	<5	<10	<0.5	7	0.50	0.5	5	5	93	15.15
395298		2.79	0.008		<0.5	0.33	<5	10	<0.5	6	0.06	<0.5	1	12	142	23.1
395299		3.77	0.007		<0.5	0.21	<5	<10	<0.5	4	0.06	0.5	4	8	182	17.70
395300		5.23	<0.005		<0.5	1.08	<5	40	0.6	4	0.07	<0.5	3	64	74	4.04

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 3- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120211

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395281		<10	0.12	<10	1.62	6320	<1	<0.01	6	100	9	0.41	<5	2	174	<20
395282		<10	0.14	<10	1.80	6830	<1	<0.01	5	110	5	0.42	<5	2	190	<20
395283		<10	0.08	<10	1.45	3720	<1	0.01	4	90	3	0.78	<5	<1	50	<20
395284		<10	0.06	<10	1.48	3750	<1	<0.01	5	100	3	1.24	<5	<1	80	<20
395285		<10	0.04	10	3.30	5940	<1	<0.01	3	120	8	0.49	<5	<1	186	<20
395286		<10	0.13	10	2.33	6720	1	<0.01	4	390	6	1.08	<5	1	31	<20
395287		20	3.92	10	1.59	417	1	3.35	67	890	139	2.57	<5	4	236	<20
395288		<10	0.17	10	1.45	4510	1	<0.01	13	540	7	1.57	<5	1	15	<20
395289		<10	0.02	10	1.37	3260	4	<0.01	15	210	4	2.62	<5	1	11	<20
395290		10	0.97	60	1.04	395	39	0.04	49	790	12	6.89	<5	9	14	<20
395291		<10	0.03	<10	12.15	375	<1	0.03	<1	20	2	0.09	<5	<1	168	<20
395292		<10	0.01	<10	1.97	3060	<1	<0.01	7	170	3	3.72	<5	<1	51	<20
395293		<10	<0.01	10	1.90	3790	1	<0.01	14	230	5	2.92	<5	1	85	<20
395294		<10	0.52	10	1.76	3480	14	0.02	16	260	10	2.29	5	4	95	<20
395295		<10	0.02	<10	1.47	3320	1	0.01	18	240	6	3.70	<5	<1	18	<20
395296		20	4.29	10	1.87	473	1	3.00	81	1070	66	3.55	<5	5	344	<20
395297		<10	0.01	10	1.91	4510	1	<0.01	14	210	5	3.82	<5	<1	14	<20
395298		<10	0.02	10	0.23	1325	1	<0.01	12	510	8	0.70	<5	1	3	<20
395299		<10	<0.01	10	0.62	2240	<1	<0.01	23	240	5	2.47	<5	1	1	<20
395300		<10	0.21	20	0.61	155	19	0.01	21	440	6	1.83	<5	2	5	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date: 3- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120211

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395281		0.01	10	<10	16	<10	46
395282		0.01	<10	<10	17	<10	47
395283		<0.01	<10	<10	11	<10	36
395284		0.01	<10	<10	11	<10	48
395285		0.01	<10	<10	11	<10	38
395286		0.02	<10	<10	36	<10	38
395287		0.46	10	<10	59	<10	220
395288		0.02	<10	<10	40	<10	42
395289		0.02	<10	<10	33	<10	25
395290		0.36	<10	10	145	<10	72
395291		<0.01	<10	<10	3	<10	20
395292		<0.01	<10	<10	10	<10	27
395293		0.02	<10	<10	29	<10	54
395294		0.08	<10	<10	66	<10	46
395295		<0.01	<10	<10	9	<10	32
395296		0.57	10	<10	75	<10	76
395297		<0.01	<10	<10	7	<10	29
395298		0.01	<10	<10	37	<10	55
395299		<0.01	<10	<10	21	<10	43
395300		0.15	<10	10	71	<10	58

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120211

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120212

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 007

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120212

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395301		5.22	0.012		<0.5	0.51	<5	10	<0.5	6	1.50	0.6	7	14	110	15.60
395302		<0.02	0.006		<0.5	0.48	<5	10	<0.5	7	1.49	0.8	6	13	106	15.35
395303		5.42	0.009		<0.5	1.44	<5	90	0.8	4	0.53	<0.5	2	39	60	4.84
395304		3.04	4.88		<0.5	0.20	<5	10	<0.5	2	1.30	<0.5	2	12	4	10.60
395305		2.09	3.43		<0.5	0.27	<5	10	<0.5	5	0.63	<0.5	2	11	13	7.91
395306		3.57	0.006		<0.5	0.14	<5	10	0.9	6	1.35	<0.5	2	6	2	21.8
395307		0.08	1.280		0.8	7.41	101	120	4.5	3	2.21	2.7	17	63	58	5.10
395308		1.86	<0.005		<0.5	0.08	<5	<10	<0.5	8	0.74	<0.5	<1	6	2	10.85
395309		3.36	0.006		<0.5	0.09	<5	10	<0.5	7	0.99	<0.5	1	6	<1	21.2
395310		2.46	0.006		<0.5	0.07	6	10	<0.5	8	1.00	0.5	5	7	2	18.55
395311		0.44	<0.005		<0.5	0.03	<5	90	<0.5	6	17.9	<0.5	<1	1	1	0.31
395312		1.56	0.007		<0.5	0.13	7	<10	<0.5	8	0.72	<0.5	1	5	1	15.25
395313		1.65	0.010		<0.5	0.11	<5	<10	<0.5	5	0.78	<0.5	1	5	<1	16.40
395314		1.66	0.012		<0.5	0.29	<5	10	<0.5	4	1.14	<0.5	4	6	1	25.9
395315		2.81	0.013		<0.5	0.08	<5	10	<0.5	9	1.38	0.6	<1	5	<1	28.3
395316		0.05	>10.0	17.40	0.7	7.36	63	310	2.7	17	2.38	1.1	19	72	250	5.92
395317		2.25	<0.005		<0.5	0.06	<5	10	<0.5	4	1.54	<0.5	<1	3	2	24.9
395318		2.88	0.010		<0.5	0.05	<5	10	<0.5	9	2.08	0.7	1	3	1	27.6
395319		3.59	3.55		<0.5	0.21	<5	10	<0.5	6	2.19	0.8	3	6	14	22.6
395320		3.89	0.008		<0.5	0.03	<5	<10	<0.5	11	1.94	<0.5	1	5	1	21.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 3- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120212

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395301		<10	0.04	10	2.45	5210	1	0.01	22	330	4	4.38	<5	1	41	<20
395302		<10	0.03	10	2.37	5140	1	0.01	22	320	7	4.32	<5	1	40	<20
395303		<10	0.58	10	0.47	713	8	0.03	14	220	5	1.83	<5	3	19	<20
395304		<10	0.02	<10	0.89	2730	<1	0.01	1	10	2	0.48	<5	<1	33	<20
395305		<10	0.03	<10	0.55	1765	<1	0.01	3	10	6	1.19	<5	<1	18	<20
395306		<10	0.01	10	2.59	7800	<1	<0.01	2	840	8	0.27	<5	<1	16	<20
395307		20	4.08	10	1.72	435	1	3.51	69	950	151	2.71	<5	5	250	<20
395308		<10	0.01	10	0.98	4160	<1	<0.01	3	420	5	0.12	<5	<1	8	<20
395309		<10	0.01	<10	2.27	6440	<1	<0.01	2	180	5	0.07	<5	<1	14	<20
395310		<10	0.02	<10	2.11	5600	<1	<0.01	4	80	4	0.19	<5	<1	12	<20
395311		<10	0.01	<10	12.30	408	1	0.03	<1	30	6	<0.01	<5	<1	104	<20
395312		<10	<0.01	<10	1.36	4030	<1	<0.01	3	80	2	0.06	<5	<1	9	<20
395313		<10	<0.01	<10	1.06	5170	<1	<0.01	1	80	3	0.07	<5	<1	11	<20
395314		<10	0.02	<10	2.89	6610	<1	<0.01	2	190	4	0.18	<5	<1	18	<20
395315		<10	0.01	<10	3.46	6460	<1	0.01	1	100	4	0.05	<5	<1	21	<20
395316		20	4.14	10	1.78	446	1	2.84	78	1020	60	3.44	<5	5	326	<20
395317		<10	0.01	<10	3.53	4560	<1	0.01	1	80	8	0.03	<5	<1	23	<20
395318		<10	0.01	10	3.67	4870	<1	<0.01	<1	80	4	0.03	<5	<1	35	<20
395319		<10	0.02	<10	2.86	5860	<1	0.01	2	70	4	0.94	<5	<1	58	<20
395320		<10	<0.01	10	2.85	3280	<1	<0.01	1	50	3	0.09	<5	<1	27	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 3- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120212

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395301		0.01	<10	<10	36	<10	73
395302		0.01	<10	<10	35	<10	70
395303		0.10	<10	<10	99	<10	18
395304		<0.01	<10	<10	10	<10	15
395305		<0.01	<10	<10	13	<10	18
395306		0.01	<10	<10	16	<10	5
395307		0.49	10	<10	63	<10	226
395308		<0.01	10	<10	3	<10	3
395309		0.01	<10	<10	9	<10	5
395310		0.01	<10	<10	9	<10	5
395311		<0.01	<10	<10	3	<10	26
395312		<0.01	<10	<10	16	<10	4
395313		<0.01	<10	<10	14	<10	4
395314		0.01	10	<10	35	<10	6
395315		0.01	<10	<10	10	<10	16
395316		0.55	10	<10	71	<10	65
395317		<0.01	<10	<10	8	<10	7
395318		<0.01	<10	<10	6	<10	18
395319		<0.01	<10	<10	12	<10	33
395320		<0.01	<10	<10	6	<10	12

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 3- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120212

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 31- JUIL- 2016
Compte: MINVIR

CERTIFICAT VO16120213

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 008

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120213

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395196		6.04	0.343		<0.5	0.13	<5	10	<0.5	5	1.17	1.1	2	15	3	25.9
395197		<0.02	0.278		<0.5	0.12	6	10	<0.5	2	1.21	0.6	1	8	3	26.1
395198		4.60	0.007		<0.5	0.10	8	10	<0.5	5	2.20	0.8	1	12	3	17.85
395199		5.85	0.010		<0.5	0.10	<5	10	<0.5	3	2.52	0.9	1	6	3	24.6
395200		3.64	<0.005		<0.5	0.03	<5	<10	<0.5	<2	2.37	0.8	<1	15	2	11.35
395201		4.02	0.182		<0.5	0.06	<5	10	<0.5	<2	0.94	0.6	3	5	34	18.65
395202		0.06	1.270		1.0	7.73	91	110	4.2	3	2.18	2.5	17	59	58	4.91
395203		3.83	3.84		<0.5	0.21	<5	20	<0.5	<2	0.45	0.7	6	7	33	24.9
395204		3.03	0.007		<0.5	0.29	5	10	<0.5	3	1.28	0.8	7	18	14	13.80
395205		2.38	0.011		<0.5	0.27	7	10	<0.5	3	2.19	0.9	5	15	7	14.70
395206		0.45	0.011		<0.5	0.04	<5	110	<0.5	4	17.7	<0.5	<1	2	2	0.41
395207		4.88	0.330		<0.5	0.38	<5	10	0.5	<2	1.85	1.0	2	14	12	18.45
395208		5.79	0.029		<0.5	0.30	10	10	<0.5	3	2.29	0.8	3	14	3	20.4
395209		5.74	<0.005		<0.5	0.39	16	10	<0.5	<2	2.45	0.9	2	24	6	17.60
395210		4.44	<0.005		<0.5	0.20	<5	10	0.5	3	1.14	0.8	1	13	1	15.05
395211		0.06	>10.0	16.35	1.0	8.11	64	320	2.8	16	2.52	0.9	22	72	236	6.19
395212		3.20	0.123		<0.5	1.22	38	10	0.6	3	0.70	0.8	18	33	6	17.50
395213		4.50	0.124		<0.5	0.20	<5	10	<0.5	5	0.98	0.8	1	9	3	18.25
395214		4.18	7.26		0.8	0.21	<5	10	<0.5	<2	0.68	0.6	6	3	39	24.4
395215		4.49	1.300		<0.5	0.08	<5	10	<0.5	<2	0.47	<0.5	3	11	30	11.50

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120213

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395196		<10	0.02	<10	2.18	10500	<1	<0.01	<1	440	<2	0.11	<5	<1	14	<20
395197		<10	0.02	<10	2.21	10600	1	<0.01	<1	440	2	0.10	<5	<1	15	<20
395198		<10	0.03	<10	2.12	7090	1	<0.01	<1	280	5	0.13	<5	<1	27	<20
395199		<10	0.02	<10	2.24	9110	1	<0.01	<1	310	<2	0.04	<5	<1	26	<20
395200		<10	0.01	<10	1.80	3700	1	<0.01	<1	100	2	0.06	<5	<1	26	<20
395201		<10	0.02	<10	1.18	5700	2	<0.01	<1	130	3	0.28	<5	<1	13	<20
395202		20	3.87	10	1.64	419	1	3.35	66	910	137	2.54	5	5	246	<20
395203		<10	0.06	<10	0.78	9430	1	<0.01	3	340	4	0.50	<5	<1	8	<20
395204		<10	0.04	<10	1.20	6810	1	<0.01	10	260	3	0.33	<5	1	17	<20
395205		<10	0.02	<10	1.44	7660	1	0.01	4	350	5	0.03	<5	1	28	<20
395206		<10	0.02	<10	12.00	495	1	0.02	<1	70	<2	0.01	<5	<1	164	<20
395207		<10	0.06	<10	2.21	9420	1	0.01	3	360	4	0.24	<5	1	27	<20
395208		<10	0.09	<10	2.78	10300	<1	0.02	2	380	2	0.08	<5	1	31	<20
395209		<10	0.07	<10	2.59	11100	1	0.02	3	380	<2	0.13	<5	1	33	<20
395210		<10	0.06	<10	1.69	7480	1	0.01	2	280	2	0.04	<5	<1	15	<20
395211		20	4.31	10	1.92	477	2	2.98	81	1080	68	3.50	<5	6	354	<20
395212		10	0.06	10	1.04	7760	1	0.01	16	390	4	0.05	<5	2	12	<20
395213		<10	0.03	<10	1.37	9040	1	<0.01	1	440	5	0.07	<5	<1	11	<20
395214		<10	0.02	<10	0.86	7860	1	<0.01	2	140	8	0.40	<5	<1	10	<20
395215		<10	0.02	<10	0.46	3290	1	<0.01	2	90	3	0.19	<5	<1	8	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120213

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395196		0.01	<10	<10	11	<10	10
395197		0.01	<10	<10	12	<10	9
395198		0.01	<10	<10	10	<10	6
395199		0.01	<10	<10	11	<10	9
395200		<0.01	<10	<10	5	<10	7
395201		<0.01	<10	<10	6	<10	19
395202		0.46	<10	<10	58	<10	219
395203		0.01	<10	<10	12	<10	28
395204		0.02	<10	<10	15	<10	10
395205		0.03	<10	<10	18	<10	14
395206		<0.01	<10	<10	4	<10	27
395207		0.03	<10	<10	23	<10	14
395208		0.03	<10	<10	20	<10	11
395209		0.04	<10	<10	27	<10	14
395210		0.02	<10	<10	14	<10	7
395211		0.56	<10	10	74	<10	67
395212		0.11	<10	<10	56	<10	19
395213		0.02	<10	<10	14	<10	9
395214		<0.01	<10	<10	11	<10	24
395215		<0.01	<10	<10	6	<10	11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120213

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 31- JUIL- 2016
Compte: MINVIR

CERTIFICAT VO16120214

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 009

Ce rapport s'applique aux 5 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120214

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
395216		4.74	0.048	<0.5	0.18	<5	10	<0.5	<2	1.61	1.0	3	7	14	35.2	<10
395217		<0.02	0.053	<0.5	0.18	<5	10	<0.5	<2	1.58	1.4	3	8	12	34.9	<10
395218		4.86	0.869	<0.5	0.10	<5	10	<0.5	5	2.90	1.1	2	5	11	30.6	<10
395219		8.18	0.805	<0.5	0.22	<5	10	<0.5	<2	3.31	1.2	3	10	28	17.25	<10
395220		1.91	1.345	<0.5	0.17	107	20	<0.5	3	3.23	1.2	7	13	36	21.6	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120214

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
395216		0.01	<10	2.57	16100	<1	<0.01	<1	560	5	0.07	<5	<1	21	<20	0.02
395217		0.01	<10	2.54	16000	<1	<0.01	<1	540	<2	0.07	<5	<1	21	<20	0.02
395218		0.02	<10	2.21	14900	<1	<0.01	<1	430	2	0.29	<5	<1	41	<20	0.01
395219		0.03	<10	2.33	7120	<1	0.01	<1	120	5	0.93	<5	<1	74	<20	<0.01
395220		0.05	10	2.81	4490	1	<0.01	2	620	3	1.09	<5	<1	52	<20	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120214

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395216		<10	<10	13	<10	14
395217		<10	<10	13	<10	14
395218		<10	<10	10	<10	12
395219		<10	<10	9	<10	22
395220		<10	<10	11	<10	20

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120214

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:
ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 31- JUIL- 2016
Compte: MINVIR

CERTIFICAT VO16120215

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 010

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120215

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395351		6.39	0.520		<0.5	1.05	<5	110	<0.5	3	3.03	1.1	5	17	19	21.3
395352		<0.02	0.461		<0.5	1.02	<5	100	<0.5	4	3.07	1.2	5	18	19	21.7
395353		4.62	0.533		<0.5	0.08	<5	10	<0.5	7	3.96	1.1	1	6	7	17.45
395354		4.38	1.200		0.5	0.13	<5	10	<0.5	3	2.80	1.3	5	6	17	20.1
395355		6.11	0.586		<0.5	0.20	<5	30	<0.5	<2	7.58	1.4	5	7	16	19.20
395356		5.55	1.015		<0.5	0.32	<5	30	<0.5	2	9.68	1.6	3	8	33	17.55
395357		0.06	1.300		1.0	7.80	95	120	4.4	2	2.24	2.6	16	63	57	5.07
395358		4.83	0.586		<0.5	0.38	7	30	<0.5	5	8.10	1.6	3	9	36	19.55
395359		5.99	0.933		<0.5	0.29	<5	20	<0.5	<2	3.99	1.6	2	9	39	18.90
395360		3.42	1.755		<0.5	0.49	<5	30	<0.5	4	3.92	1.3	4	9	39	19.85
395361		0.36	0.010		<0.5	0.17	<5	200	<0.5	2	17.8	<0.5	<1	2	3	0.53
395362		3.73	0.719		<0.5	0.54	<5	40	<0.5	2	4.07	1.4	4	3	52	21.7
395363		6.01	0.566		<0.5	0.91	<5	110	<0.5	3	4.59	1.4	6	6	64	19.15
395364		5.97	0.495		<0.5	0.46	<5	30	<0.5	2	3.78	1.1	4	10	61	19.50
395365		5.45	0.795		<0.5	0.35	<5	20	<0.5	3	6.48	1.4	1	16	12	13.10
395366		0.06	>10.0	17.10	1.0	7.60	67	320	2.7	20	2.46	1.1	20	72	238	6.07
395367		4.19	0.224		<0.5	0.94	<5	60	<0.5	<2	0.46	0.5	<1	12	30	13.15
395368		2.40	0.156		<0.5	0.16	<5	20	<0.5	2	2.89	1.0	1	11	5	20.3
395369		5.80	0.026		<0.5	0.12	<5	10	<0.5	8	7.45	1.3	1	6	2	17.85
395370		3.72	0.030		<0.5	0.20	<5	20	<0.5	4	7.41	1.2	2	5	4	18.75

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QUEBEC QC G1K 7R1

Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120215

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395351		<10	0.28	10	2.57	10800	1	0.30	6	360	<2	0.65	<5	2	68	<20
395352		<10	0.28	10	2.61	11050	<1	0.29	5	360	3	0.65	<5	2	67	<20
395353		<10	0.02	<10	2.68	9650	1	<0.01	<1	100	<2	0.25	<5	<1	49	<20
395354		<10	0.04	<10	2.64	10050	<1	<0.01	1	170	<2	0.87	<5	<1	44	<20
395355		<10	0.06	<10	3.76	8590	1	<0.01	2	370	6	0.52	<5	<1	112	<20
395356		<10	0.09	<10	3.51	6200	1	0.01	4	470	6	2.40	<5	<1	161	<20
395357		30	4.03	10	1.66	422	2	3.46	65	930	154	2.66	<5	5	249	<20
395358		<10	0.11	<10	3.75	7340	1	0.01	3	310	3	2.05	<5	1	147	<20
395359		<10	0.10	<10	2.61	8450	1	<0.01	1	370	3	1.27	<5	1	86	<20
395360		<10	0.10	<10	2.10	9080	1	<0.01	1	250	7	0.65	<5	1	78	<20
395361		<10	0.19	<10	12.35	462	1	0.04	<1	50	3	0.01	<5	<1	132	<20
395362		<10	0.10	<10	2.29	12200	<1	<0.01	1	140	5	1.53	<5	1	66	<20
395363		<10	0.28	<10	2.44	7030	1	0.01	5	140	6	3.14	<5	1	111	<20
395364		<10	0.11	<10	2.31	9820	1	<0.01	3	310	4	2.75	<5	1	80	<20
395365		<10	0.13	<10	2.52	6700	1	0.01	<1	400	5	0.48	<5	1	109	<20
395366		20	4.17	10	1.81	463	1	2.91	78	1060	59	3.48	<5	5	343	<20
395367		<10	0.28	<10	0.68	3870	1	0.01	2	150	3	0.19	<5	1	13	<20
395368		<10	0.05	<10	3.27	7510	<1	<0.01	<1	210	2	0.23	<5	<1	38	<20
395369		<10	0.03	<10	4.36	6370	<1	<0.01	<1	290	6	0.17	<5	<1	83	<20
395370		<10	0.07	<10	4.28	6680	<1	<0.01	<1	360	4	0.19	5	<1	97	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120215

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395351		0.05	<10	<10	19	<10	31
395352		0.05	<10	<10	20	<10	27
395353		<0.01	<10	<10	6	<10	16
395354		0.01	<10	<10	7	<10	25
395355		0.01	<10	<10	14	<10	29
395356		0.01	<10	<10	15	<10	33
395357		0.47	<10	10	60	<10	224
395358		0.02	<10	<10	18	<10	39
395359		0.01	<10	<10	13	<10	51
395360		0.01	<10	<10	20	<10	55
395361		<0.01	<10	<10	5	<10	30
395362		0.01	<10	<10	20	<10	59
395363		0.01	<10	<10	30	<10	63
395364		0.01	<10	<10	17	<10	52
395365		0.01	<10	<10	16	<10	43
395366		0.55	<10	<10	72	<10	69
395367		0.01	<10	<10	33	<10	69
395368		0.01	<10	<10	12	<10	22
395369		0.01	<10	<10	10	<10	24
395370		0.01	<10	<10	11	<10	45

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 31- JUIL- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120215

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120218

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 011

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SYLVAIN TREPANIER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120218

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395371		4.01	0.189		<0.5	0.48	<5	60	<0.5	<2	7.71	1.5	1	12	4	19.70
395372		<0.02	0.192		<0.5	0.49	<5	60	<0.5	4	7.86	1.7	1	10	5	19.90
395373		4.01	0.429		<0.5	0.38	<5	40	<0.5	2	5.09	1.7	3	9	17	22.3
395374		5.53	0.951		<0.5	0.53	8	40	<0.5	7	0.48	1.0	6	9	47	27.2
395375		6.27	0.675		<0.5	0.87	<5	110	<0.5	3	0.97	1.0	9	13	105	26.8
395376		5.95	2.05		<0.5	0.35	<5	40	<0.5	<2	3.02	1.4	3	11	24	17.20
395377		0.06	1.325		1.1	7.94	89	120	4.3	6	2.28	2.7	16	61	58	5.67
395378		3.60	1.115		<0.5	0.26	<5	30	<0.5	2	0.87	1.1	6	8	39	22.0
395379		2.69	6.02		0.7	0.62	<5	30	<0.5	6	0.88	1.3	10	8	47	27.4
395380		4.40	0.137		<0.5	0.32	<5	10	<0.5	4	1.18	0.7	8	12	32	10.95
395381		0.23	0.006		<0.5	0.04	<5	80	<0.5	4	16.9	<0.5	<1	3	2	0.67
395382		4.44	0.059		<0.5	2.00	8	50	<0.5	<2	2.50	0.9	13	24	40	20.8
395383		3.94	0.434		<0.5	0.97	7	40	<0.5	<2	4.02	0.8	6	16	27	14.40
395384		2.96	1.845		<0.5	1.04	10	60	<0.5	<2	3.44	0.6	6	15	20	12.85
395385		3.70	0.019		<0.5	0.20	<5	20	<0.5	<2	4.00	1.1	4	12	6	18.70
395386		0.06	>10.0	17.55	0.8	7.71	70	310	2.7	14	2.43	0.7	23	75	241	6.00
395387		5.56	0.033		<0.5	0.21	<5	10	<0.5	<2	3.20	0.7	4	11	8	19.55
395388		3.81	0.026		<0.5	0.59	<5	30	<0.5	<2	6.54	1.2	5	6	30	18.05
395389		3.57	0.013		<0.5	0.65	<5	30	<0.5	<2	6.71	0.9	7	10	34	18.70
395390		5.24	0.934		<0.5	0.47	<5	20	<0.5	<2	5.15	0.9	8	10	61	20.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120218

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395371		<10	0.23	<10	3.87	7940	<1	0.02	<1	580	<2	0.18	<5	1	137	<20
395372		<10	0.24	<10	3.91	8120	1	0.02	<1	600	2	0.18	<5	1	136	<20
395373		<10	0.17	<10	3.24	9180	1	0.01	1	570	8	0.83	<5	1	103	<20
395374		<10	0.20	10	2.38	10100	1	0.01	3	560	4	2.28	<5	1	10	<20
395375		<10	0.29	<10	2.13	7650	<1	<0.01	12	350	8	5.55	<5	1	30	<20
395376		<10	0.14	<10	1.97	8280	<1	0.01	2	450	4	1.75	<5	<1	56	<20
395377		30	3.94	10	1.71	746	1	3.41	66	960	154	2.69	<5	5	252	<20
395378		<10	0.14	<10	1.73	9780	<1	<0.01	4	830	5	2.57	<5	<1	16	<20
395379		<10	0.13	<10	1.12	6520	1	0.01	6	170	6	1.88	<5	<1	33	<20
395380		<10	0.10	<10	0.90	3140	<1	0.01	7	130	<2	2.74	<5	1	37	<20
395381		<10	0.02	<10	11.45	474	1	0.02	<1	60	<2	0.09	<5	<1	104	<20
395382		10	0.58	10	2.57	7680	2	0.01	11	310	4	2.68	<5	4	79	<20
395383		<10	0.23	10	2.01	7000	1	0.01	7	180	2	1.64	<5	2	127	<20
395384		<10	0.33	<10	1.75	5270	<1	0.01	7	130	2	1.76	6	2	91	<20
395385		<10	0.09	10	3.34	8920	1	0.01	2	630	<2	0.55	<5	<1	57	<20
395386		20	4.01	10	1.82	468	1	2.91	81	1040	65	3.44	<5	6	334	<20
395387		<10	0.12	<10	2.96	8120	1	0.01	2	310	<2	0.59	<5	<1	57	<20
395388		<10	0.25	<10	2.25	8300	1	0.01	5	340	4	1.28	<5	1	212	<20
395389		<10	0.33	<10	2.34	8070	<1	0.01	7	180	4	2.67	<5	2	191	<20
395390		<10	0.20	<10	2.08	6740	<1	0.01	14	240	<2	5.23	<5	1	141	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120218

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395371		0.02	<10	<10	24	<10	53
395372		0.02	<10	<10	25	<10	56
395373		0.02	<10	<10	18	<10	55
395374		0.02	<10	<10	24	<10	73
395375		0.02	<10	<10	30	<10	71
395376		0.01	<10	<10	13	<10	33
395377		0.48	<10	<10	61	<10	226
395378		0.01	<10	<10	12	<10	47
395379		<0.01	<10	<10	23	<10	84
395380		<0.01	<10	<10	12	<10	42
395381		<0.01	<10	<10	4	<10	21
395382		0.07	<10	<10	89	<10	160
395383		0.04	<10	<10	38	<10	86
395384		0.03	<10	<10	40	<10	82
395385		0.02	<10	<10	10	<10	29
395386		0.56	<10	<10	72	<10	67
395387		0.01	<10	<10	12	<10	42
395388		0.01	<10	<10	24	<10	65
395389		0.01	<10	<10	28	<10	57
395390		0.01	<10	<10	22	<10	44

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 1- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120218

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120219

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 012

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120219

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395391		5.68	9.37		<0.5	0.24	<5	20	<0.5	<2	1.30	<0.5	27	8	42	18.80
395392		<0.02	4.62		<0.5	0.21	<5	10	<0.5	<2	1.24	0.7	26	8	38	17.85
395393		6.32	3.82		<0.5	0.31	6	20	<0.5	3	1.69	0.7	6	6	27	26.8
395394		6.49	0.493		<0.5	0.16	8	10	<0.5	<2	1.13	1.0	9	2	10	35.4
395395		6.15	0.188		<0.5	0.10	5	10	1.0	<2	1.29	0.6	6	1	3	35.1
395396		5.41	0.033		<0.5	0.09	8	10	<0.5	2	0.73	0.5	5	3	4	31.4
395397		0.05	1.320		1.1	7.90	107	120	4.4	3	2.27	2.8	19	64	63	5.14
395398		5.00	0.039		<0.5	0.10	<5	10	<0.5	<2	0.67	0.7	3	5	2	23.3
395399		6.75	9.52		<0.5	0.33	<5	10	<0.5	<2	0.66	<0.5	3	9	22	19.80
395400		3.22	0.047		<0.5	0.19	24	<10	<0.5	<2	0.50	0.8	4	13	8	23.8
394901		0.15	0.005		<0.5	0.02	<5	150	<0.5	4	19.1	<0.5	<1	2	3	0.21
394902		6.19	0.212		<0.5	0.13	<5	10	<0.5	<2	1.59	1.0	3	6	1	26.9
394903		8.71	0.048		<0.5	0.09	<5	10	<0.5	<2	1.31	0.8	3	7	3	26.2
394904		8.24	0.168		<0.5	0.05	<5	<10	<0.5	<2	1.60	0.9	3	4	<1	25.8
394905		3.53	0.346		<0.5	0.14	<5	10	<0.5	<2	0.92	0.7	3	10	6	18.30
394906		0.05	>10.0	18.45	1.0	8.39	74	330	2.9	17	2.58	0.9	24	76	268	6.39
394907		2.78	0.032		<0.5	0.10	<5	10	<0.5	<2	0.64	<0.5	2	4	1	24.9
394908		4.53	>10.0	14.15	<0.5	0.55	<5	10	<0.5	<2	2.79	1.3	4	8	24	18.55
394909		6.67	1.135		<0.5	0.17	<5	10	<0.5	2	2.97	1.0	3	4	5	25.9
394910		1.68	0.715		1.8	5.28	44	310	3.0	<2	0.06	<0.5	1	86	101	14.30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120219

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395391		<10	0.06	<10	1.60	3040	<1	<0.01	11	70	2	3.95	<5	<1	41	<20
395392		<10	0.05	<10	1.62	3050	<1	<0.01	9	80	3	3.28	<5	<1	40	<20
395393		<10	0.11	10	3.06	6160	<1	0.01	4	180	7	1.48	<5	<1	58	<20
395394		<10	0.05	10	3.97	7310	2	<0.01	2	220	6	1.11	<5	<1	25	<20
395395		<10	0.03	10	3.85	6850	1	<0.01	<1	230	5	0.30	<5	<1	28	<20
395396		<10	0.02	10	2.49	6110	1	<0.01	<1	230	9	0.23	<5	<1	17	<20
395397		20	4.08	10	1.70	436	1	3.56	72	970	155	2.74	8	5	265	<20
395398		<10	0.02	10	1.42	4400	<1	<0.01	1	180	2	0.10	6	<1	14	<20
395399		<10	0.05	<10	1.73	4230	3	<0.01	4	200	3	0.93	<5	<1	16	<20
395400		<10	0.03	10	1.70	5970	5	<0.01	1	320	4	0.38	<5	1	12	<20
394901		<10	0.02	<10	12.50	387	<1	0.03	<1	20	4	<0.01	<5	<1	155	<20
394902		<10	0.02	10	2.71	5330	<1	<0.01	<1	130	3	0.14	<5	<1	33	<20
394903		<10	0.02	10	2.34	6450	<1	<0.01	<1	80	8	0.09	<5	<1	31	<20
394904		<10	0.01	10	2.99	6350	1	<0.01	<1	80	5	0.06	<5	<1	31	<20
394905		<10	0.03	<10	1.64	4660	<1	<0.01	1	60	5	0.23	<5	<1	24	<20
394906		30	4.41	10	1.95	487	1	3.05	84	1090	62	3.67	5	6	368	<20
394907		<10	0.02	10	1.14	6800	<1	<0.01	<1	100	6	0.06	<5	<1	19	<20
394908		<10	0.17	<10	1.92	5700	<1	0.01	2	70	3	1.43	<5	<1	86	<20
394909		<10	0.03	<10	2.66	7310	<1	<0.01	1	120	4	0.24	<5	<1	71	<20
394910		20	2.46	20	0.30	164	30	0.10	<1	80	29	0.33	65	12	15	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120219

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395391		<0.01	<10	<10	13	<10	20
395392		<0.01	<10	<10	11	<10	19
395393		<0.01	<10	<10	17	<10	37
395394		<0.01	<10	<10	17	<10	21
395395		<0.01	<10	<10	14	<10	17
395396		<0.01	<10	<10	11	<10	21
395397		0.50	<10	<10	63	<10	235
395398		<0.01	<10	<10	11	<10	11
395399		<0.01	<10	<10	19	<10	30
395400		0.02	<10	<10	20	<10	26
394901		<0.01	<10	<10	3	<10	22
394902		<0.01	<10	<10	12	<10	23
394903		<0.01	<10	<10	9	<10	23
394904		<0.01	<10	<10	7	<10	17
394905		<0.01	<10	<10	10	<10	22
394906		0.58	<10	<10	76	<10	73
394907		<0.01	<10	<10	10	<10	23
394908		<0.01	<10	<10	33	<10	38
394909		<0.01	<10	<10	11	<10	26
394910		0.11	10	<10	137	<10	14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120219

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120221

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 013

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120221

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
394911		2.33	0.295		2.4	2.15	17	120	1.2	<2	0.22	<0.5	<1	48	23	2.52
394912		<0.02	0.274		1.9	1.99	16	120	1.1	4	0.23	<0.5	<1	48	23	2.52
394913		2.42	0.076		1.8	4.09	<5	240	2.1	<2	0.01	<0.5	1	79	2	0.32
394914		2.66	0.024		<0.5	3.21	<5	190	1.7	<2	0.01	<0.5	<1	72	2	0.34
394915		1.82	0.109		4.0	7.58	94	440	3.8	<2	0.01	<0.5	1	124	10	4.11
394916		2.76	0.036		1.1	6.36	12	350	3.3	5	0.05	<0.5	<1	36	10	10.95
394917		0.05	1.280		0.9	7.48	97	120	4.5	<2	2.20	2.7	16	62	59	5.03
394918		5.87	0.164		<0.5	0.29	<5	20	<0.5	14	1.73	0.8	2	10	12	22.1
394919		3.79	0.006		<0.5	0.13	<5	10	<0.5	9	1.09	0.7	2	3	<1	28.0
394920		3.97	6.84		<0.5	0.32	<5	30	<0.5	4	2.06	<0.5	3	8	21	15.90
394921		0.32	0.062		<0.5	0.04	<5	130	<0.5	4	19.0	<0.5	<1	1	2	0.40
394922		2.91	5.11		<0.5	0.23	<5	10	<0.5	6	1.01	<0.5	<1	7	16	14.45
394923		3.13	1.215		<0.5	0.17	<5	10	<0.5	4	2.38	<0.5	2	6	19	19.10
394924		4.16	0.409		<0.5	0.13	<5	10	<0.5	7	1.55	0.5	1	4	5	24.0
394925		1.88	0.132		<0.5	0.08	<5	10	<0.5	12	0.21	<0.5	1	8	3	20.1
394926		0.06	>10.0	16.80	0.6	7.07	68	310	2.7	22	2.32	0.7	20	71	232	5.86
394927		2.97	0.245		<0.5	0.11	<5	10	<0.5	4	1.22	0.6	<1	9	5	17.30
394928		3.08	0.856		<0.5	0.13	<5	10	<0.5	5	2.17	0.8	3	4	8	29.3
394929		3.86	0.012		<0.5	0.12	<5	<10	<0.5	<2	1.86	0.5	1	16	41	5.03
394930		3.41	<0.005		<0.5	0.19	<5	10	<0.5	3	0.81	<0.5	1	19	17	4.23

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120221

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
394911		10	0.99	10	0.18	91	6	0.06	2	70	43	0.51	21	5	11	<20
394912		10	0.91	10	0.17	105	6	0.05	3	70	41	0.50	19	4	11	<20
394913		10	1.97	30	0.24	28	2	0.08	<1	50	23	0.17	10	10	11	<20
394914		10	1.53	20	0.18	30	2	0.06	<1	30	18	0.16	8	8	8	<20
394915		20	3.65	50	0.43	45	16	0.15	1	110	83	0.25	66	19	19	<20
394916		20	3.02	40	0.76	2640	9	0.11	4	230	39	0.25	16	14	16	<20
394917		30	4.08	10	1.67	427	1	3.50	70	920	155	2.69	5	5	248	<20
394918		<10	0.10	10	2.60	6520	<1	0.01	3	140	5	0.68	<5	1	41	<20
394919		<10	0.02	10	2.89	7190	<1	<0.01	2	160	7	0.06	<5	<1	24	<20
394920		<10	0.13	<10	1.60	4980	<1	<0.01	3	70	3	0.99	<5	<1	69	<20
394921		<10	0.02	<10	12.60	443	1	0.02	<1	60	6	0.02	<5	<1	134	<20
394922		<10	0.06	<10	1.00	4540	<1	<0.01	4	40	3	0.48	<5	<1	30	<20
394923		<10	0.02	10	2.31	5940	<1	<0.01	5	70	5	1.28	<5	<1	45	<20
394924		<10	0.02	10	2.51	7490	<1	<0.01	2	80	7	0.21	<5	<1	35	<20
394925		<10	0.02	<10	0.52	6170	<1	<0.01	3	90	3	0.08	<5	<1	11	<20
394926		20	4.08	10	1.79	443	1	2.85	77	1020	61	3.45	<5	5	319	<20
394927		<10	0.03	10	1.78	5780	<1	0.01	2	40	6	0.27	<5	<1	30	<20
394928		<10	0.04	10	3.59	8070	<1	0.01	2	120	6	0.52	<5	<1	43	<20
394929		<10	0.03	<10	0.88	1235	2	<0.01	11	100	3	2.20	<5	<1	39	<20
394930		<10	0.06	<10	0.52	922	2	<0.01	6	40	4	0.97	<5	1	15	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120221

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
394911		0.13	<10	<10	75	<10	10
394912		0.12	10	<10	71	<10	9
394913		0.32	10	<10	119	<10	4
394914		0.26	10	<10	121	<10	3
394915		0.55	10	<10	201	<10	23
394916		0.35	<10	<10	142	<10	29
394917		0.49	10	<10	62	<10	227
394918		0.02	<10	<10	15	<10	28
394919		<0.01	<10	<10	16	<10	24
394920		<0.01	<10	<10	15	<10	23
394921		<0.01	10	<10	3	<10	16
394922		<0.01	<10	<10	13	<10	23
394923		<0.01	<10	<10	11	<10	27
394924		<0.01	<10	<10	10	<10	30
394925		<0.01	<10	<10	7	<10	27
394926		0.53	<10	<10	71	<10	62
394927		<0.01	<10	<10	7	<10	28
394928		<0.01	<10	<10	11	<10	30
394929		<0.01	<10	<10	13	<10	62
394930		0.01	<10	<10	19	<10	27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120221

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 4- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120222

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 014

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120222

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
394931		3.62	0.015		<0.5	0.42	9	30	<0.5	3	0.06	0.6	1	23	22	3.43
394932		<0.02	0.008		<0.5	0.41	7	30	<0.5	<2	0.07	0.6	1	22	22	3.29
394933		2.07	0.030		<0.5	0.66	5	40	<0.5	4	0.32	<0.5	1	28	26	2.95
394934		4.38	0.560		<0.5	0.28	<5	30	<0.5	2	3.64	0.6	<1	9	10	21.9
394935		3.45	0.016		<0.5	0.19	<5	10	<0.5	5	8.14	1.0	<1	7	5	16.95
394936		2.86	0.090		<0.5	0.30	<5	20	<0.5	5	6.63	0.9	3	9	26	17.40
394937		0.07	1.285		1.0	7.16	102	120	4.5	5	2.14	2.8	17	62	62	4.96
394938		4.06	0.092		<0.5	0.46	<5	30	<0.5	9	5.91	0.9	2	10	32	18.05
394939		3.50	0.104		<0.5	0.26	<5	10	<0.5	12	9.41	0.9	<1	8	1	16.85
394940		3.25	0.239		<0.5	0.24	5	20	<0.5	8	4.71	0.9	<1	6	6	21.7
394941		0.16	<0.005		<0.5	0.05	<5	200	<0.5	6	17.4	<0.5	<1	1	1	0.40
394942		3.32	0.026		<0.5	0.07	<5	10	<0.5	7	1.53	0.5	2	6	1	19.90
394943		3.72	0.024		<0.5	0.09	<5	10	<0.5	7	1.21	<0.5	4	4	8	30.5
394944		3.59	0.041		<0.5	0.03	<5	<10	<0.5	<2	0.09	<0.5	<1	17	5	6.08
394945		3.58	0.050		<0.5	0.15	<5	10	<0.5	5	1.26	<0.5	2	8	4	22.7
394946		0.05	>10.0	16.85	0.9	7.76	62	310	2.7	15	2.43	0.8	22	76	247	6.20
394947		5.26	0.016		<0.5	0.24	<5	20	<0.5	<2	1.06	<0.5	5	14	4	24.7
394948		5.17	1.640		<0.5	0.48	<5	20	<0.5	12	1.04	<0.5	6	18	13	25.9
394949		6.72	>10.0	13.90	<0.5	0.54	<5	40	<0.5	4	1.67	0.5	5	16	28	16.65
394950		6.35	6.56		0.6	0.53	<5	50	<0.5	<2	2.82	<0.5	4	12	32	17.75

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120222

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
394931		<10	0.18	<10	0.20	401	6	0.02	5	40	10	1.09	<5	1	4	<20
394932		<10	0.18	<10	0.18	388	5	0.01	5	40	10	1.07	<5	1	4	<20
394933		<10	0.26	<10	0.20	264	8	0.02	4	80	4	1.06	<5	2	11	<20
394934		<10	0.10	10	3.03	5850	1	0.01	4	130	3	0.28	<5	<1	75	<20
394935		<10	0.04	<10	3.77	4780	1	0.01	5	90	4	0.20	<5	1	172	<20
394936		<10	0.06	10	2.41	4830	1	0.01	10	200	6	0.44	<5	1	108	<20
394937		20	4.07	10	1.67	426	1	3.47	66	920	145	2.71	<5	5	237	<20
394938		<10	0.15	10	3.06	4220	1	0.01	11	150	8	1.90	<5	1	108	<20
394939		<10	0.05	10	4.61	4600	<1	<0.01	4	90	5	0.10	<5	<1	148	<20
394940		<10	0.06	10	3.38	7000	<1	0.01	2	550	5	0.43	<5	1	88	<20
394941		<10	0.06	<10	13.20	420	<1	0.09	<1	20	8	0.01	<5	<1	113	<20
394942		<10	0.02	10	1.96	5680	<1	<0.01	1	70	5	0.13	<5	<1	31	<20
394943		<10	0.01	10	1.76	8730	<1	<0.01	2	130	<2	0.09	<5	<1	28	<20
394944		<10	0.01	<10	0.21	1920	<1	0.01	1	30	<2	0.06	<5	<1	4	<20
394945		<10	0.02	10	2.34	7190	<1	<0.01	<1	160	<2	0.13	<5	<1	30	<20
394946		20	4.21	10	1.84	490	1	2.97	81	1040	62	3.50	5	5	343	<20
394947		<10	0.06	10	2.74	11000	<1	<0.01	5	600	<2	0.20	<5	1	22	<20
394948		<10	0.10	10	1.87	13500	<1	<0.01	5	460	3	0.45	5	1	33	<20
394949		<10	0.18	10	1.86	4150	<1	0.01	6	40	3	2.04	<5	<1	57	<20
394950		<10	0.20	10	2.18	5000	<1	0.01	7	20	<2	2.12	<5	<1	100	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120222

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
394931		0.02	<10	<10	67	<10	119
394932		0.02	<10	<10	68	<10	131
394933		0.04	<10	<10	94	<10	25
394934		0.01	<10	<10	25	<10	31
394935		0.01	<10	<10	22	<10	19
394936		0.01	<10	<10	28	<10	23
394937		0.48	10	<10	61	<10	237
394938		0.01	<10	<10	38	<10	23
394939		0.01	<10	<10	23	<10	19
394940		0.01	<10	<10	20	<10	29
394941		<0.01	<10	<10	2	<10	26
394942		<0.01	<10	<10	7	<10	21
394943		<0.01	<10	<10	10	<10	29
394944		<0.01	<10	<10	2	<10	12
394945		<0.01	<10	<10	10	<10	30
394946		0.55	<10	<10	74	<10	67
394947		0.02	<10	<10	19	<10	15
394948		0.04	<10	<10	27	<10	18
394949		<0.01	<10	<10	23	<10	38
394950		<0.01	<10	<10	25	<10	34

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 4- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120222

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 1- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120224

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 015

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120224

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395321		2.15	0.028		<0.5	0.15	<5	10	<0.5	<2	1.68	<0.5	3	4	2	19.60
395322		<0.02	0.065		<0.5	0.15	<5	10	<0.5	2	1.75	0.8	4	4	3	20.1
395323		2.28	0.193		<0.5	0.13	<5	10	<0.5	<2	1.65	0.7	4	4	3	27.0
395324		3.70	0.021		<0.5	0.06	5	<10	<0.5	<2	1.47	0.5	6	3	2	26.8
395325		2.35	0.391		<0.5	0.08	19	10	<0.5	<2	1.13	0.5	6	2	3	32.0
395326		3.01	1.635		<0.5	0.13	<5	<10	<0.5	<2	2.06	0.5	4	6	8	16.85
395327		0.11	1.320		1.1	7.55	104	120	4.3	<2	2.20	2.7	19	62	62	5.07
395328		2.34	0.338		<0.5	0.10	<5	10	<0.5	<2	1.44	0.8	3	3	4	27.9
395329		3.17	0.029		<0.5	0.03	<5	<10	<0.5	<2	1.12	<0.5	4	2	1	25.8
395330		2.43	0.382		<0.5	0.03	<5	10	<0.5	<2	1.24	0.7	5	2	<1	25.4
395331		0.24	0.069		<0.5	0.05	<5	90	<0.5	<2	18.5	<0.5	<1	2	2	0.31
395332		2.37	1.855		<0.5	0.15	<5	30	<0.5	<2	1.88	<0.5	6	15	11	10.40
395333		2.30	<0.005		<0.5	0.09	<5	10	<0.5	<2	1.46	0.5	6	5	1	26.1
395334		3.15	<0.005		<0.5	0.08	8	20	<0.5	<2	1.24	<0.5	8	4	3	26.6
395335		1.87	0.051		<0.5	0.08	<5	<10	<0.5	<2	3.94	0.8	4	4	<1	24.9
395336		0.07	>10.0	17.40	1.1	7.39	69	310	2.6	15	2.39	0.8	22	71	242	5.91
395337		4.85	0.008		<0.5	0.06	<5	<10	<0.5	<2	0.89	<0.5	5	4	1	25.5
395338		1.95	0.672		<0.5	0.11	<5	10	<0.5	<2	0.65	<0.5	2	15	3	4.89
395339		3.87	0.067		<0.5	0.11	<5	10	<0.5	<2	0.29	<0.5	2	14	4	8.00
395340		4.78	0.305		<0.5	0.10	<5	10	<0.5	<2	1.44	<0.5	7	6	7	27.4

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 1- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120224

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395321		<10	0.03	<10	2.65	4650	<1	<0.01	1	40	<2	0.16	<5	<1	28	<20
395322		<10	0.03	<10	2.72	4790	<1	<0.01	1	40	<2	0.16	<5	<1	29	<20
395323		<10	0.02	<10	3.49	5660	1	<0.01	2	50	<2	0.28	<5	<1	30	<20
395324		<10	0.01	10	2.71	6530	<1	<0.01	<1	120	<2	0.08	<5	<1	21	<20
395325		<10	0.01	10	1.65	13650	<1	<0.01	<1	220	<2	0.12	<5	<1	19	<20
395326		<10	0.01	10	1.37	4820	<1	<0.01	2	50	<2	0.48	<5	<1	44	<20
395327		30	3.79	10	1.66	438	1	3.47	70	960	145	2.71	<5	5	244	<20
395328		<10	0.02	10	2.01	8200	1	0.01	1	160	<2	0.27	<5	<1	27	<20
395329		<10	0.01	<10	2.59	5870	<1	<0.01	<1	50	<2	0.04	<5	<1	16	<20
395330		<10	0.01	10	2.85	5800	<1	<0.01	<1	10	<2	0.07	<5	<1	18	<20
395331		<10	0.02	<10	12.85	439	<1	0.04	<1	70	<2	<0.01	<5	<1	121	<20
395332		<10	0.04	<10	1.04	3050	<1	<0.01	1	50	<2	1.29	<5	<1	52	<20
395333		<10	0.01	<10	2.66	9430	<1	<0.01	2	170	<2	0.11	6	<1	17	<20
395334		<10	0.01	10	2.28	11100	<1	<0.01	2	270	3	0.16	<5	<1	15	<20
395335		<10	0.01	10	2.38	7200	<1	<0.01	1	150	<2	0.02	<5	<1	64	<20
395336		20	3.76	10	1.77	461	1	2.85	78	1040	59	3.41	<5	5	327	<20
395337		<10	0.01	<10	2.26	7170	<1	<0.01	<1	120	3	0.04	<5	<1	14	<20
395338		<10	0.04	<10	0.29	1475	<1	0.01	2	50	<2	0.14	<5	<1	16	<20
395339		<10	0.02	<10	0.26	2430	<1	0.03	1	40	<2	0.17	<5	<1	10	<20
395340		<10	0.02	<10	3.16	7700	<1	<0.01	<1	210	<2	0.25	<5	<1	27	<20

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Finalisée date: 1- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120224

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395321		<0.01	<10	<10	10	<10	22
395322		<0.01	<10	<10	10	<10	26
395323		<0.01	<10	<10	10	<10	24
395324		<0.01	<10	<10	9	<10	21
395325		0.01	<10	<10	10	<10	18
395326		<0.01	<10	<10	8	<10	18
395327		0.48	<10	<10	61	<10	233
395328		<0.01	<10	<10	9	<10	39
395329		<0.01	<10	<10	7	<10	15
395330		<0.01	<10	<10	5	<10	14
395331		<0.01	<10	<10	3	<10	45
395332		<0.01	<10	<10	7	<10	12
395333		0.01	<10	<10	9	<10	6
395334		0.01	<10	<10	10	<10	8
395335		0.01	<10	<10	13	<10	22
395336		0.55	10	<10	71	<10	63
395337		0.01	<10	<10	11	<10	13
395338		<0.01	<10	<10	7	<10	9
395339		<0.01	<10	<10	4	<10	11
395340		<0.01	<10	<10	7	<10	22

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Finalisée date: 1- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16120224

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120227

Projet: KAN

Ce rapport s'applique aux 48 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER SYLVAIN TREPANIER	CHARLES GAUMOND	SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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QUEBEC QC G1K 7R1

Finalisée date: 8- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16120227

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
393185		0.38	0.012	<0.5	0.23	<5	<10	0.5	<2	3.88	<0.5	1	8	2	15.00	<10
393186		0.46	0.006	<0.5	0.03	<5	10	0.5	<2	0.29	<0.5	1	3	1	18.60	<10
393187		0.42	0.006	<0.5	0.19	5	10	<0.5	<2	0.01	<0.5	<1	14	6	0.82	<10
393188		0.63	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.02	<0.5	2	15	7	0.93	<10
393189		0.35	<0.005	<0.5	0.11	5	10	0.5	<2	1.45	<0.5	2	5	1	16.05	<10
393190		0.54	0.011	<0.5	0.41	<5	<10	<0.5	2	0.11	<0.5	2	9	38	9.30	<10
393191		0.52	<0.005	<0.5	0.04	<5	10	<0.5	<2	<0.01	<0.5	<1	20	6	0.64	<10
393192		0.51	0.020	<0.5	0.13	<5	<10	<0.5	<2	0.05	<0.5	3	12	67	4.68	<10
393193		0.73	0.011	<0.5	0.47	<5	30	<0.5	<2	0.01	<0.5	<1	42	5	1.91	<10
393194		0.62	0.010	<0.5	6.93	<5	60	1.0	2	<0.01	<0.5	9	40	59	18.30	50
393195		0.42	0.008	<0.5	0.03	<5	<10	<0.5	<2	1.24	<0.5	<1	7	3	6.61	<10
393196		0.51	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.11	<0.5	1	17	1	0.70	<10
393197		0.41	0.009	<0.5	0.12	<5	<10	<0.5	2	8.68	1.3	<1	6	1	19.00	<10
393198		0.52	0.011	<0.5	0.02	<5	<10	<0.5	<2	0.09	<0.5	12	1	76	30.4	<10
393199		0.46	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.12	0.6	1	11	15	2.03	<10
393200		0.36	0.005	<0.5	0.04	<5	<10	<0.5	<2	0.01	<0.5	<1	17	1	0.81	<10
393351		0.50	<0.005	<0.5	0.10	<5	10	1.1	<2	0.15	<0.5	3	11	6	7.77	<10
393352		0.48	0.013	<0.5	0.80	<5	40	<0.5	<2	0.07	0.8	<1	33	26	2.67	<10
393353		0.64	0.005	<0.5	0.55	<5	30	<0.5	<2	2.32	0.7	4	12	27	7.51	<10
393354		0.44	0.007	<0.5	2.56	<5	80	1.0	<2	0.12	<0.5	15	73	36	16.30	10
393355		0.66	0.008	<0.5	0.08	<5	10	<0.5	<2	8.38	2.1	1	6	1	12.80	<10
393356		0.57	0.009	<0.5	0.08	<5	<10	<0.5	<2	3.36	0.5	1	11	4	4.67	<10
393357		0.92	<0.005	<0.5	0.02	<5	<10	<0.5	<2	2.75	0.7	<1	11	<1	13.05	<10
393358		0.59	<0.005	<0.5	0.03	<5	<10	<0.5	<2	0.02	<0.5	<1	15	3	1.34	<10
393359		0.43	0.023	<0.5	2.35	<5	<10	<0.5	<2	0.07	<0.5	11	11	112	23.3	10
393360		0.40	<0.005	<0.5	8.17	62	80	<0.5	<2	0.03	<0.5	23	195	93	12.75	20
393361		0.59	0.005	<0.5	0.90	<5	20	<0.5	<2	0.35	<0.5	4	16	19	1.76	<10
393362		0.71	<0.005	<0.5	0.63	<5	20	<0.5	<2	<0.01	<0.5	<1	19	8	1.93	<10
393363		1.05	<0.005	<0.5	0.26	<5	<10	<0.5	<2	<0.01	<0.5	<1	33	5	1.74	<10
393364		0.46	<0.005	<0.5	0.01	16	<10	<0.5	<2	0.05	2.1	<1	15	9	2.16	<10
393365		0.54	<0.005	<0.5	0.05	6	<10	<0.5	<2	0.03	<0.5	3	16	22	2.17	<10
393366		0.60	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.22	<0.5	<1	12	9	3.25	<10
393367		0.50	<0.005	<0.5	0.07	<5	<10	<0.5	<2	0.14	0.6	10	21	70	5.04	<10
393368		0.43	0.067	<0.5	0.10	<5	10	<0.5	<2	0.02	<0.5	6	14	59	5.28	<10
393369		0.47	0.011	<0.5	0.15	61	20	<0.5	<2	1.56	0.6	5	3	25	27.0	<10
393370		0.37	<0.005	<0.5	0.09	<5	<10	<0.5	<2	<0.01	<0.5	1	13	1	0.89	<10
393371		0.45	<0.005	<0.5	0.04	<5	100	0.7	<2	0.04	0.9	52	4	11	23.0	<10
393372		0.53	<0.005	<0.5	0.03	<5	<10	<0.5	2	0.05	0.5	1	10	4	9.79	<10
393401		0.28	<0.005	<0.5	0.14	<5	10	<0.5	<2	0.06	1.2	9	4	116	25.1	<10
393402		0.41	<0.005	<0.5	0.12	<5	<10	<0.5	<2	0.01	0.6	<1	19	5	1.63	<10

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Finalisée date: 8- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16120227

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
393185		0.01	<10	2.34	3910	<1	0.01	2	40	3	<0.01	<5	<1	33	<20	<0.01
393186		0.01	10	0.28	2730	<1	0.01	1	650	<2	0.09	<5	<1	4	<20	<0.01
393187		0.09	<10	0.02	44	2	0.01	1	40	2	0.05	<5	<1	1	<20	0.01
393188		0.01	<10	0.01	102	<1	0.01	3	50	<2	0.04	<5	<1	1	<20	<0.01
393189		0.02	<10	0.90	3060	<1	<0.01	5	260	3	0.04	<5	<1	13	<20	<0.01
393190		0.01	<10	0.30	1750	<1	<0.01	10	120	3	0.16	<5	<1	6	<20	<0.01
393191		0.02	<10	0.01	49	<1	<0.01	2	20	<2	0.01	<5	<1	<1	<20	<0.01
393192		<0.01	<10	0.08	1290	<1	0.01	11	350	3	0.04	<5	1	2	<20	<0.01
393193		0.19	10	0.04	310	5	0.07	5	60	4	0.01	<5	2	3	<20	0.02
393194		0.40	<10	4.82	340	13	0.26	21	40	<2	1.05	<5	5	5	<20	0.05
393195		0.01	<10	1.38	1270	<1	<0.01	<1	230	2	0.16	<5	<1	8	<20	<0.01
393196		0.01	<10	0.02	82	<1	<0.01	1	20	2	0.06	<5	<1	1	<20	<0.01
393197		0.03	10	5.77	4390	<1	0.01	2	490	<2	0.09	<5	<1	50	<20	0.01
393198		0.01	<10	0.17	3940	1	<0.01	1	500	16	3.96	<5	<1	<1	<20	<0.01
393199		0.01	<10	0.10	259	<1	0.01	5	110	2	0.57	<5	<1	2	<20	<0.01
393200		0.02	<10	0.01	64	<1	<0.01	2	40	<2	0.03	<5	<1	<1	<20	<0.01
393351		0.05	<10	0.81	2650	<1	<0.01	2	430	8	0.05	<5	1	5	<20	0.01
393352		0.37	<10	0.08	96	2	0.01	7	420	<2	0.11	<5	1	8	<20	0.03
393353		0.27	<10	1.69	4870	<1	0.01	8	110	4	0.40	<5	1	31	<20	0.01
393354		0.78	10	1.37	2430	17	0.01	51	200	2	0.67	<5	6	11	<20	0.20
393355		0.02	10	3.62	3600	1	<0.01	1	200	2	0.67	<5	<1	31	<20	<0.01
393356		0.01	<10	1.53	986	<1	0.03	8	120	<2	0.05	<5	<1	41	<20	<0.01
393357		0.01	<10	2.51	2460	<1	<0.01	4	140	<2	0.09	<5	<1	23	<20	0.01
393358		<0.01	<10	0.02	93	<1	<0.01	2	40	<2	0.03	<5	<1	<1	<20	<0.01
393359		0.01	<10	1.20	2460	<1	<0.01	41	220	<2	5.97	<5	1	1	<20	0.01
393360		0.52	<10	8.02	253	<1	0.08	117	270	<2	0.19	<5	23	12	<20	0.26
393361		0.14	<10	0.69	250	<1	0.03	16	20	<2	0.26	<5	5	7	<20	0.01
393362		0.14	<10	0.32	201	<1	0.01	1	60	<2	0.05	<5	1	1	<20	<0.01
393363		0.01	<10	0.19	121	<1	0.01	2	20	2	0.03	<5	<1	<1	<20	<0.01
393364		<0.01	<10	0.03	398	<1	<0.01	3	220	2	0.28	<5	<1	2	<20	<0.01
393365		0.03	<10	0.02	94	<1	<0.01	1	20	2	0.89	<5	<1	<1	<20	<0.01
393366		0.01	<10	0.21	820	<1	<0.01	3	50	<2	0.06	<5	<1	3	<20	<0.01
393367		0.04	<10	0.10	264	<1	<0.01	8	30	2	2.93	<5	<1	1	<20	<0.01
393368		0.04	<10	0.12	1960	<1	0.01	7	120	<2	0.55	<5	<1	1	<20	0.01
393369		0.04	<10	0.33	1610	3	0.01	9	60	3	1.65	<5	<1	14	<20	<0.01
393370		<0.01	<10	0.05	53	<1	<0.01	<1	10	2	0.07	<5	<1	<1	<20	0.02
393371		0.01	<10	0.08	1420	5	<0.01	7	280	2	4.22	<5	<1	<1	<20	<0.01
393372		0.01	<10	0.32	837	<1	<0.01	4	80	<2	0.48	<5	<1	<1	<20	<0.01
393401		0.06	<10	0.34	7870	1	0.01	48	210	<2	0.93	<5	<1	6	<20	<0.01
393402		0.04	<10	0.05	224	<1	<0.01	4	20	<2	0.15	<5	<1	<1	<20	<0.01

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 8- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16120227

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
393185		<10	<10	39	<10	5
393186		<10	<10	6	<10	2
393187		<10	<10	12	<10	6
393188		<10	<10	1	<10	28
393189		<10	<10	13	<10	7
393190		<10	<10	32	<10	21
393191		<10	<10	3	<10	4
393192		<10	<10	5	<10	14
393193		<10	<10	46	<10	33
393194		<10	<10	721	<10	357
393195		<10	<10	4	<10	5
393196		<10	<10	1	<10	<2
393197		<10	<10	15	<10	13
393198		<10	<10	9	<10	55
393199		<10	<10	1	<10	78
393200		<10	<10	2	<10	10
393351		<10	<10	7	<10	9
393352		<10	<10	30	<10	175
393353		<10	<10	36	<10	35
393354		<10	<10	132	<10	35
393355		<10	<10	10	<10	241
393356		<10	<10	5	<10	5
393357		<10	<10	4	<10	7
393358		<10	<10	2	<10	3
393359		<10	<10	85	<10	63
393360		<10	<10	359	<10	292
393361		<10	<10	40	<10	28
393362		<10	<10	31	<10	20
393363		<10	<10	18	<10	17
393364		<10	<10	1	<10	250
393365		<10	<10	4	<10	3
393366		<10	<10	2	<10	32
393367		<10	<10	5	<10	79
393368		<10	<10	9	<10	3
393369		<10	<10	9	<10	3
393370		<10	<10	7	<10	2
393371		<10	<10	8	<10	13
393372		<10	<10	4	<10	8
393401		<10	<10	11	<10	143
393402		<10	<10	8	<10	81

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Finalisée date: 8- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16120227

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
393403		0.44	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	2	25	11	1.70	<10
393404		0.55	<0.005	<0.5	0.01	18	<10	<0.5	<2	0.01	<0.5	1	31	5	0.83	<10
393405		0.38	<0.005	<0.5	3.41	<5	<10	<0.5	<2	2.32	<0.5	10	27	14	9.70	10
393406		0.46	<0.005	<0.5	0.27	<5	<10	<0.5	<2	0.01	<0.5	1	12	8	3.23	<10
393407		0.56	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.05	<0.5	5	18	28	1.63	<10
393408		0.42	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.76	<0.5	1	14	5	1.86	<10
393409		0.39	0.018	<0.5	0.05	<5	<10	<0.5	<2	2.65	0.6	6	12	61	14.60	<10
393410		0.54	<0.005	<0.5	0.04	<5	<10	<0.5	<2	4.44	0.6	4	16	14	8.67	<10

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CERTIFICAT D'ANALYSE VO16120227

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
393403		<0.01	<10	0.02	211	<1	0.01	2	20	3	0.51	<5	<1	<1	<20	<0.01
393404		0.01	<10	<0.01	77	<1	<0.01	3	10	5	0.32	<5	<1	<1	<20	<0.01
393405		0.01	<10	3.01	1530	<1	<0.01	17	170	6	0.05	<5	2	23	<20	0.02
393406		0.04	<10	0.23	726	<1	<0.01	5	30	7	0.01	<5	<1	1	<20	<0.01
393407		<0.01	<10	0.02	164	<1	<0.01	6	10	5	0.54	<5	<1	<1	<20	<0.01
393408		<0.01	<10	0.25	917	<1	<0.01	1	100	2	<0.01	<5	<1	9	<20	<0.01
393409		<0.01	<10	0.93	1360	<1	<0.01	25	60	4	7.12	<5	<1	22	<20	<0.01
393410		<0.01	<10	1.91	1750	1	<0.01	6	50	<2	1.60	<5	<1	42	<20	<0.01

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plus les pages d'annexe
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CERTIFICAT D'ANALYSE VO16120227

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
393403		<10	<10	1	<10	10
393404		<10	<10	1	<10	4
393405		<10	<10	155	<10	77
393406		<10	<10	22	<10	21
393407		<10	<10	1	<10	11
393408		<10	<10	1	<10	3
393409		<10	<10	5	<10	9
393410		<10	<10	8	<10	23

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CERTIFICAT D'ANALYSE VO16120227

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	CRU- QC	LOG- 21
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

ALS Canada Ltd.

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Finalisée date: 8- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16120228

Projet: KAN

Ce rapport s'applique aux 72 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER AUDREY ROUSSEL- LALIER	CHARLES GAUMOND SYLVAIN TREPANIER	SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16120228

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
393151		0.44	0.005	<0.5	0.04	<5	<10	<0.5	<2	0.41	<0.5	<1	12	1	1.42	<10
393152		0.50	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.40	<0.5	<1	14	<1	1.53	<10
393153		0.52	0.032	2.0	0.02	35	10	<0.5	7	0.04	<0.5	47	4	45	42.5	<10
393154		0.45	<0.005	<0.5	0.03	13	<10	<0.5	<2	0.02	<0.5	<1	21	10	3.50	<10
393155		0.53	0.006	<0.5	0.04	9	10	<0.5	3	10.05	0.9	<1	2	<1	17.95	<10
393156		0.62	0.007	<0.5	0.02	<5	<10	<0.5	<2	0.43	<0.5	1	10	9	6.69	<10
393157		0.74	<0.005	<0.5	0.03	<5	<10	<0.5	3	4.83	1.2	3	4	1	22.6	<10
393158		0.71	<0.005	<0.5	0.04	13	<10	<0.5	6	7.37	1.2	2	4	10	20.2	<10
393159		0.38	0.058	3.1	0.01	<5	10	<0.5	11	0.03	<0.5	4	<1	250	45.4	<10
393160		0.35	0.006	<0.5	0.02	10	<10	<0.5	<2	0.04	<0.5	1	37	11	4.77	<10
393161		0.41	0.012	<0.5	0.01	<5	<10	<0.5	2	0.17	<0.5	2	14	97	8.09	<10
393162		0.36	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.02	<0.5	<1	22	7	2.27	<10
393163		0.44	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.27	<0.5	<1	13	<1	0.93	<10
393164		0.37	<0.005	<0.5	0.01	21	<10	<0.5	<2	0.10	<0.5	2	35	18	3.63	<10
393165		0.34	<0.005	<0.5	0.16	5	20	3.4	4	14.8	0.8	2	12	3	10.95	<10
393166		0.66	<0.005	<0.5	0.07	<5	10	<0.5	2	7.13	1.0	5	5	1	16.80	<10
393167		0.52	<0.005	<0.5	0.04	<5	<10	<0.5	2	3.22	<0.5	<1	18	1	2.60	<10
393168		0.39	<0.005	<0.5	0.01	43	<10	<0.5	<2	1.02	<0.5	2	18	2	4.91	<10
393169		0.38	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.04	<0.5	<1	19	1	0.65	<10
393170		0.42	<0.005	<0.5	0.01	38	<10	<0.5	4	2.89	<0.5	1	26	1	5.20	<10
393171		0.52	<0.005	<0.5	0.10	<5	<10	<0.5	6	3.85	0.7	2	7	6	16.25	<10
393172		0.37	<0.005	<0.5	0.13	<5	10	<0.5	<2	8.76	0.8	3	10	3	8.88	<10
393173		0.54	0.016	0.8	0.54	154	20	<0.5	5	12.85	1.7	1	17	257	10.10	<10
393174		0.49	<0.005	<0.5	0.06	16	<10	<0.5	<2	0.11	<0.5	<1	34	7	1.22	<10
393201		0.63	0.025	0.7	0.02	<5	<10	<0.5	3	0.20	0.6	1	6	22	17.25	<10
393202		0.51	0.631	<0.5	0.62	5	50	0.9	4	0.07	<0.5	9	36	4	19.15	<10
393203		0.50	<0.005	<0.5	0.42	<5	40	0.6	<2	0.32	<0.5	3	16	1	10.40	<10
393204		0.65	0.028	<0.5	0.10	<5	10	<0.5	<2	0.03	<0.5	7	25	1	9.63	<10
393205		0.70	<0.005	<0.5	0.22	<5	10	<0.5	2	0.24	<0.5	5	19	6	8.76	<10
393206		0.57	<0.005	<0.5	0.02	<5	<10	<0.5	<2	5.19	0.5	<1	15	<1	4.95	<10
393207		0.97	<0.005	<0.5	0.55	<5	30	1.1	<2	0.36	0.7	5	22	13	15.80	<10
393208		0.71	0.006	<0.5	0.08	<5	10	<0.5	2	0.63	<0.5	20	17	11	8.15	<10
393209		0.74	<0.005	<0.5	0.09	<5	10	<0.5	2	3.34	0.7	3	6	25	20.1	<10
393210		0.53	<0.005	<0.5	0.14	5	10	<0.5	<2	0.16	<0.5	17	30	68	6.10	<10
393211		0.73	0.010	0.5	<0.01	29	<10	<0.5	<2	0.01	<0.5	12	37	6	4.52	<10
393212		0.51	0.007	<0.5	0.08	7	<10	<0.5	<2	0.52	<0.5	38	8	208	10.75	<10
393213		0.58	<0.005	<0.5	4.73	<5	20	<0.5	3	0.06	<0.5	11	69	148	22.3	10
393214		0.49	0.070	6.0	0.01	67	<10	<0.5	<2	0.02	<0.5	10	15	189	17.15	<10
393215		0.65	<0.005	<0.5	0.12	9	10	<0.5	6	11.75	1.0	<1	5	1	14.35	<10
393216		0.72	<0.005	<0.5	0.81	<5	40	5.9	<2	0.15	<0.5	4	15	20	13.10	<10

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Projet: KAN

CERTIFICAT D'ANALYSE VO16120228

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
393151		0.01	<10	0.19	396	<1	0.01	1	10	4	0.02	<5	<1	3	<20	<0.01
393152		<0.01	<10	0.15	351	<1	0.01	2	20	<2	0.01	<5	<1	4	<20	<0.01
393153		0.01	<10	0.05	787	<1	<0.01	13	10	37	>10.0	<5	<1	<1	<20	<0.01
393154		0.01	<10	0.03	373	<1	0.01	1	20	3	0.71	<5	<1	1	<20	<0.01
393155		0.01	<10	5.75	6540	<1	0.01	<1	390	6	0.03	<5	<1	68	<20	<0.01
393156		<0.01	<10	0.16	1905	<1	0.01	2	80	3	0.80	<5	<1	5	<20	<0.01
393157		0.01	<10	5.04	6430	<1	0.01	<1	250	5	0.22	<5	<1	28	<20	<0.01
393158		<0.01	<10	5.42	6100	1	<0.01	<1	140	12	1.39	<5	<1	51	<20	<0.01
393159		0.01	<10	0.03	65	<1	<0.01	26	<10	<2	>10.0	<5	<1	<1	<20	<0.01
393160		0.01	<10	0.03	126	<1	0.01	3	<10	3	4.10	<5	<1	1	<20	<0.01
393161		<0.01	<10	0.03	352	<1	0.01	6	10	8	5.23	<5	<1	2	<20	<0.01
393162		0.01	<10	0.02	159	<1	0.01	2	20	<2	0.47	<5	<1	1	<20	<0.01
393163		0.01	<10	0.04	209	<1	<0.01	<1	30	<2	0.03	<5	<1	3	<20	<0.01
393164		<0.01	<10	0.03	140	<1	0.01	3	10	28	0.52	<5	<1	1	<20	<0.01
393165		0.03	10	5.89	3020	1	0.01	3	260	<2	0.37	<5	<1	44	<20	0.01
393166		0.02	<10	4.75	5510	<1	0.01	<1	430	3	0.25	<5	<1	46	<20	<0.01
393167		<0.01	<10	1.31	665	<1	0.01	1	150	3	0.06	<5	<1	24	<20	<0.01
393168		<0.01	<10	0.54	753	<1	<0.01	1	80	<2	1.98	<5	<1	10	<20	<0.01
393169		<0.01	<10	0.04	172	<1	<0.01	1	10	<2	0.01	<5	<1	1	<20	<0.01
393170		<0.01	<10	1.45	1595	<1	<0.01	1	130	4	1.89	<5	<1	37	<20	<0.01
393171		0.02	<10	4.42	8690	<1	<0.01	<1	380	7	0.03	<5	<1	55	<20	<0.01
393172		0.02	<10	3.77	1590	<1	0.01	5	50	<2	0.96	<5	<1	55	<20	<0.01
393173		0.26	<10	6.23	1305	18	0.02	131	80	17	7.36	13	3	243	<20	0.02
393174		0.03	<10	0.04	151	5	0.01	3	60	4	0.10	<5	<1	3	<20	<0.01
393201		<0.01	<10	1.86	7150	1	<0.01	1	300	6	5.44	<5	<1	3	<20	<0.01
393202		0.21	<10	0.98	15500	1	0.03	9	350	5	0.03	<5	2	11	<20	0.06
393203		0.23	<10	0.73	8120	1	0.02	5	260	5	0.01	<5	1	10	<20	0.03
393204		0.04	<10	1.41	2660	<1	0.01	7	40	5	0.05	<5	1	2	<20	<0.01
393205		0.06	<10	0.30	6690	<1	0.10	5	580	566	0.07	<5	1	14	<20	0.04
393206		0.01	<10	1.78	1755	<1	0.01	<1	20	3	<0.01	<5	<1	58	<20	<0.01
393207		0.21	<10	0.53	7270	<1	0.14	15	850	6	0.36	<5	1	19	<20	0.05
393208		0.04	<10	0.17	510	<1	0.01	8	40	6	2.96	<5	<1	9	<20	<0.01
393209		0.03	10	1.25	3220	2	0.01	20	180	8	0.39	<5	<1	30	<20	<0.01
393210		0.06	<10	0.10	186	2	<0.01	36	150	10	4.68	<5	<1	4	<20	0.01
393211		<0.01	<10	<0.01	117	<1	0.01	3	10	3	3.87	<5	<1	1	<20	<0.01
393212		0.02	<10	0.92	1740	1	<0.01	48	230	6	5.06	<5	<1	12	<20	<0.01
393213		0.11	20	2.39	2190	1	0.01	22	360	3	2.18	<5	8	4	<20	0.06
393214		0.01	<10	0.17	427	1	0.01	6	10	20	>10.0	<5	<1	<1	<20	<0.01
393215		0.02	<10	5.73	5560	<1	0.01	<1	140	<2	0.28	<5	<1	82	<20	<0.01
393216		0.15	<10	0.63	5110	<1	0.01	3	510	<2	0.45	<5	1	8	<20	0.02

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16120228

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
393151		<10	<10	3	<10	<2
393152		<10	<10	1	<10	<2
393153		<10	<10	4	<10	11
393154		<10	<10	3	<10	6
393155		<10	<10	7	<10	23
393156		<10	<10	3	<10	18
393157		<10	<10	5	<10	18
393158		<10	<10	6	<10	26
393159		<10	<10	2	<10	<2
393160		<10	<10	<1	<10	<2
393161		<10	<10	1	<10	25
393162		<10	<10	2	<10	3
393163		<10	<10	<1	<10	<2
393164		<10	<10	1	<10	18
393165		<10	<10	24	<10	8
393166		<10	<10	8	<10	14
393167		<10	<10	5	<10	5
393168		<10	<10	2	<10	6
393169		<10	<10	1	<10	2
393170		<10	<10	2	<10	13
393171		<10	<10	11	<10	99
393172		<10	<10	18	<10	6
393173		<10	10	221	<10	172
393174		<10	<10	28	<10	22
393201		<10	<10	7	<10	100
393202		<10	<10	48	<10	14
393203		<10	<10	32	<10	10
393204		<10	<10	9	<10	12
393205		<10	<10	15	<10	27
393206		<10	<10	3	<10	4
393207		<10	<10	38	<10	223
393208		<10	<10	8	<10	9
393209		<10	<10	9	<10	26
393210		<10	<10	4	<10	3
393211		<10	<10	<1	<10	<2
393212		<10	<10	6	<10	17
393213		<10	<10	81	<10	152
393214		<10	<10	1	<10	3
393215		<10	<10	10	<10	7
393216		<10	<10	36	<10	25

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16120228

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
393217		0.56	<0.005	0.5	0.06	9	<10	<0.5	6	1.89	<0.5	1	7	115	16.25	<10
393218		0.43	0.025	<0.5	0.07	16	10	<0.5	3	10.10	1.0	11	4	4	20.8	<10
393219		0.65	0.106	0.9	0.13	10	10	<0.5	5	6.58	1.0	20	7	39	18.05	<10
393220		0.39	<0.005	<0.5	0.03	<5	20	<0.5	<2	1.98	<0.5	<1	18	8	5.11	<10
393221		0.41	0.007	<0.5	0.05	11	10	<0.5	6	10.35	1.3	36	2	17	19.60	<10
393222		0.37	<0.005	<0.5	0.05	<5	10	<0.5	4	1.49	<0.5	2	7	8	13.85	<10
393223		0.54	<0.005	<0.5	0.05	<5	<10	<0.5	<2	0.07	<0.5	2	19	26	2.74	<10
393224		0.50	<0.005	<0.5	0.08	<5	10	<0.5	2	3.29	<0.5	<1	16	1	4.94	<10
393225		0.40	<0.005	<0.5	0.21	<5	10	<0.5	<2	2.08	0.5	6	14	54	5.29	<10
393226		0.56	<0.005	<0.5	1.78	10	10	<0.5	2	0.18	<0.5	13	143	39	6.44	10
393227		0.35	<0.005	<0.5	1.07	<5	10	<0.5	3	0.13	0.7	13	19	65	5.55	<10
393228		0.33	<0.005	<0.5	0.15	<5	<10	<0.5	<2	0.33	<0.5	<1	11	2	4.39	<10
393251		0.50	0.029	0.9	5.14	<5	270	2.7	3	0.12	<0.5	12	49	81	11.55	20
393252		0.91	<0.005	<0.5	0.08	<5	<10	<0.5	<2	0.30	<0.5	<1	25	1	4.56	<10
393253		0.60	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.16	<0.5	<1	16	<1	1.37	<10
393254		0.96	<0.005	<0.5	0.04	<5	<10	<0.5	6	13.25	1.2	<1	3	<1	17.10	<10
393255		0.42	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.96	<0.5	<1	16	<1	3.56	<10
393256		0.81	<0.005	<0.5	0.02	<5	<10	<0.5	4	7.57	0.9	<1	17	<1	12.05	<10
393257		0.78	<0.005	<0.5	0.03	<5	<10	<0.5	<2	4.50	0.7	4	6	4	13.80	<10
393258		0.67	0.015	<0.5	0.06	<5	<10	<0.5	2	9.98	1.0	3	6	<1	15.55	<10
393259		0.52	<0.005	<0.5	0.03	<5	10	<0.5	<2	3.09	<0.5	1	14	1	2.75	<10
393260		0.64	0.018	<0.5	0.19	<5	30	0.5	<2	12.35	0.7	3	8	<1	14.50	<10
393261		1.03	<0.005	<0.5	0.09	<5	10	<0.5	<2	7.43	0.6	2	27	2	9.26	<10
393262		0.90	0.013	0.7	0.01	12	<10	<0.5	<2	0.05	<0.5	8	9	213	22.9	<10
393263		0.62	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.31	<0.5	1	10	7	13.95	<10
393264		0.83	<0.005	<0.5	0.10	<5	10	<0.5	<2	8.60	0.9	2	6	1	15.75	<10
393265		0.61	0.005	<0.5	0.05	<5	10	<0.5	<2	0.72	<0.5	1	10	3	4.44	<10
393266		0.61	<0.005	<0.5	0.14	<5	<10	<0.5	<2	6.06	0.5	1	17	1	6.24	<10
393267		0.70	<0.005	<0.5	0.05	<5	<10	<0.5	<2	0.14	<0.5	1	24	3	11.05	<10
393268		0.82	0.009	<0.5	0.06	<5	<10	<0.5	3	0.25	<0.5	10	17	16	4.78	<10
393269		0.61	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.12	<0.5	<1	29	1	1.26	<10
393270		0.95	<0.005	<0.5	0.10	<5	10	1.3	<2	11.60	0.7	3	10	<1	13.65	<10

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CERTIFICAT D'ANALYSE VO16120228

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
393217		0.01	<10	1.26	2730	<1	<0.01	3	40	8	6.80	5	<1	14	<20	<0.01
393218		0.02	<10	5.02	4110	1	0.01	3	160	3	4.32	<5	<1	61	<20	<0.01
393219		0.03	<10	2.83	4460	<1	0.01	5	90	8	7.79	6	<1	74	<20	<0.01
393220		<0.01	<10	0.85	1600	<1	<0.01	<1	120	3	1.16	<5	<1	14	<20	<0.01
393221		0.01	<10	6.02	6630	1	<0.01	<1	110	3	2.46	<5	<1	65	<20	<0.01
393222		0.02	<10	1.45	2330	<1	<0.01	3	310	<2	1.71	<5	<1	8	<20	<0.01
393223		0.02	<10	0.03	153	<1	<0.01	4	<10	<2	1.05	<5	<1	1	<20	<0.01
393224		0.03	<10	0.86	1590	<1	<0.01	<1	110	3	0.04	<5	<1	39	<20	<0.01
393225		0.04	<10	0.61	1870	<1	<0.01	5	80	3	1.27	<5	1	42	<20	<0.01
393226		0.05	<10	0.89	633	<1	<0.01	43	300	2	0.60	<5	11	4	<20	0.52
393227		0.04	<10	0.52	403	<1	0.01	26	120	2	1.59	<5	2	2	<20	0.01
393228		<0.01	<10	0.15	1175	1	<0.01	2	100	<2	0.04	<5	<1	2	<20	<0.01
393251		2.78	50	0.43	620	42	0.06	69	480	19	1.75	<5	13	10	<20	0.17
393252		0.02	10	0.27	879	<1	0.01	1	830	<2	0.01	<5	<1	5	<20	<0.01
393253		<0.01	<10	0.07	325	<1	<0.01	1	10	<2	0.01	<5	<1	1	<20	<0.01
393254		0.01	<10	5.90	4770	<1	0.01	<1	660	<2	<0.01	<5	<1	90	<20	<0.01
393255		<0.01	<10	0.41	850	<1	0.01	1	20	2	<0.01	<5	<1	7	<20	<0.01
393256		0.01	<10	4.06	3270	<1	<0.01	<1	140	<2	<0.01	<5	<1	32	<20	<0.01
393257		0.01	<10	2.45	3350	<1	<0.01	<1	150	8	0.31	<5	<1	55	<20	<0.01
393258		0.01	<10	4.76	3990	<1	0.01	<1	70	<2	<0.01	<5	<1	100	<20	<0.01
393259		0.01	<10	0.88	1570	<1	0.01	<1	580	3	0.01	<5	<1	45	<20	0.01
393260		0.04	<10	5.57	7120	2	0.01	2	180	8	0.01	<5	<1	139	<20	0.02
393261		0.04	<10	3.47	5160	1	0.01	1	260	4	0.28	<5	<1	79	<20	0.01
393262		<0.01	<10	0.08	238	<1	0.01	17	<10	10	>10.0	<5	<1	1	<20	<0.01
393263		<0.01	<10	1.25	3450	<1	<0.01	2	110	6	1.77	<5	<1	3	<20	<0.01
393264		0.03	<10	4.15	5350	<1	<0.01	<1	200	7	0.15	<5	<1	69	<20	0.01
393265		0.02	<10	0.25	1185	<1	<0.01	<1	30	5	0.64	<5	<1	7	<20	<0.01
393266		0.01	<10	1.98	3140	<1	0.01	<1	160	5	0.05	<5	<1	55	<20	0.01
393267		0.01	<10	1.19	1940	<1	<0.01	2	200	2	0.20	<5	<1	2	<20	<0.01
393268		<0.01	<10	0.07	225	<1	<0.01	3	10	5	3.06	<5	<1	3	<20	<0.01
393269		<0.01	<10	0.05	227	<1	<0.01	<1	60	2	0.01	<5	<1	2	<20	<0.01
393270		0.01	<10	4.66	3480	<1	0.01	<1	150	9	0.05	<5	<1	131	<20	0.01

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CERTIFICAT D'ANALYSE VO16120228

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
393217		<10	<10	10	<10	28
393218		<10	<10	13	<10	10
393219		<10	<10	17	<10	17
393220		<10	<10	4	<10	9
393221		<10	<10	10	<10	24
393222		<10	<10	5	<10	9
393223		<10	<10	3	<10	5
393224		<10	<10	7	<10	7
393225		<10	<10	12	<10	15
393226		<10	<10	111	<10	47
393227		<10	<10	58	<10	152
393228		<10	<10	8	<10	17
393251		<10	10	354	<10	22
393252		<10	<10	5	<10	9
393253		<10	<10	1	<10	2
393254		<10	<10	5	<10	25
393255		<10	<10	1	<10	3
393256		<10	<10	5	<10	13
393257		<10	<10	6	<10	30
393258		<10	<10	7	<10	14
393259		<10	<10	2	<10	3
393260		<10	<10	12	<10	10
393261		<10	<10	7	<10	21
393262		<10	<10	<1	<10	<2
393263		<10	<10	5	<10	21
393264		<10	<10	12	<10	51
393265		<10	<10	7	<10	6
393266		<10	<10	15	<10	27
393267		<10	<10	8	<10	22
393268		<10	<10	5	<10	6
393269		<10	<10	3	<10	3
393270		<10	<10	17	<10	5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16120228

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Au- AA23	CRU- 31	CRU- QC	LOG- 21
PUL- 31	SPL- 21	WEI- 21	

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16123224

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 016

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 29- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 5- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123224

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395341		5.41	0.382		<0.5	0.14	<5	10	<0.5	<2	0.82	0.8	1	4	9	29.2
395342		<0.02	0.672		<0.5	0.14	<5	10	<0.5	<2	0.81	0.7	5	5	9	30.2
395343		3.24	>10.0	12.10	0.5	0.18	<5	10	<0.5	<2	1.72	0.5	6	5	10	26.4
395344		3.33	1.935		<0.5	0.18	<5	10	<0.5	<2	1.23	0.7	6	8	18	19.10
395345		2.95	0.972		<0.5	0.26	<5	10	<0.5	3	1.38	0.7	6	5	12	25.6
395346		4.13	0.068		<0.5	0.15	<5	10	<0.5	<2	1.54	0.9	3	3	2	29.6
395347		0.04	1.295		1.0	7.81	81	120	4.3	2	2.27	2.5	19	62	55	5.21
395348		3.12	0.155		<0.5	0.16	12	20	<0.5	<2	2.97	0.5	1	5	5	21.0
395349		3.55	0.972		<0.5	0.23	29	20	<0.5	<2	3.24	0.9	1	7	25	17.10
395350		1.47	0.133		<0.5	0.13	8	20	<0.5	<2	3.41	0.8	2	6	5	19.45
394951		0.21	<0.005		<0.5	0.03	<5	110	<0.5	3	17.5	<0.5	<1	2	1	0.27
394952		3.41	0.024		<0.5	1.45	5	60	<0.5	<2	5.65	0.8	2	23	57	11.35
394953		5.08	0.011		<0.5	0.23	6	<10	<0.5	3	4.66	0.7	10	14	62	10.35
394954		5.16	0.380		<0.5	0.20	124	10	<0.5	2	2.03	0.5	3	13	77	13.95
394955		4.10	0.313		0.7	0.46	80	40	<0.5	<2	1.58	0.8	3	9	68	25.3
394956		0.05	>10.0	17.20	0.9	7.89	51	320	2.8	16	2.49	0.7	23	73	237	6.26
394957		2.20	0.036		<0.5	0.24	21	10	<0.5	<2	0.77	0.7	2	8	2	27.5
394958		5.17	0.438		<0.5	0.31	32	10	<0.5	2	1.01	0.9	4	9	5	24.4
394959		3.66	0.425		<0.5	0.64	164	10	<0.5	<2	1.43	0.8	5	14	78	14.90
394960		1.33	1.665		<0.5	0.26	50	30	<0.5	<2	2.86	0.7	5	13	41	14.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123224

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395341		<10	0.01	10	1.18	9710	<1	0.03	<1	170	<2	0.12	<5	<1	18	<20
395342		<10	0.01	10	1.17	10050	<1	0.03	<1	160	3	0.13	<5	<1	17	<20
395343		<10	0.01	10	2.20	5940	1	<0.01	<1	70	2	1.13	<5	<1	38	<20
395344		<10	0.03	<10	1.41	4660	1	<0.01	<1	40	3	1.18	<5	<1	34	<20
395345		<10	0.04	10	1.61	6990	<1	<0.01	<1	140	<2	0.28	<5	<1	36	<20
395346		<10	0.02	10	2.62	9540	<1	<0.01	<1	170	4	0.19	<5	<1	32	<20
395347		30	4.02	10	1.73	433	1	3.48	67	1010	146	2.66	<5	5	251	<20
395348		<10	0.04	10	2.15	6900	<1	0.01	<1	200	2	0.17	<5	<1	46	<20
395349		<10	0.03	<10	1.88	4940	<1	<0.01	5	130	2	1.14	<5	<1	69	<20
395350		<10	0.03	10	2.50	6240	1	<0.01	<1	210	<2	0.19	<5	<1	58	<20
394951		<10	0.02	<10	13.50	406	<1	0.04	<1	20	15	<0.01	<5	<1	190	<20
394952		10	0.50	10	1.70	4160	3	0.11	21	250	13	0.75	<5	3	132	<20
394953		<10	0.04	<10	1.49	4280	<1	0.01	29	90	4	3.69	<5	1	120	<20
394954		<10	0.03	<10	1.32	4240	<1	0.01	39	90	<2	4.01	<5	1	64	<20
394955		<10	0.07	10	2.45	7750	<1	<0.01	36	270	<2	3.93	<5	1	50	<20
394956		30	4.35	10	1.91	465	2	3.01	80	1060	63	3.52	<5	6	338	<20
394957		<10	0.03	10	2.13	10000	<1	<0.01	1	270	3	0.10	<5	1	15	<20
394958		<10	0.01	10	2.71	9400	<1	<0.01	<1	260	<2	0.46	<5	1	20	<20
394959		<10	0.05	<10	1.02	4000	<1	0.01	58	120	4	4.60	<5	1	33	<20
394960		<10	0.05	<10	1.44	3890	<1	0.01	10	150	<2	3.07	<5	1	59	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123224

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395341		<0.01	<10	<10	9	<10	53
395342		0.01	<10	<10	10	<10	34
395343		<0.01	<10	<10	10	<10	22
395344		<0.01	<10	<10	9	<10	24
395345		<0.01	<10	<10	16	<10	30
395346		<0.01	<10	<10	8	<10	22
395347		0.48	<10	<10	62	<10	214
395348		<0.01	<10	<10	14	<10	23
395349		<0.01	<10	<10	14	<10	20
395350		<0.01	<10	<10	12	<10	21
394951		<0.01	<10	<10	3	<10	23
394952		0.05	<10	<10	55	<10	38
394953		<0.01	<10	<10	10	<10	26
394954		0.01	<10	<10	8	<10	32
394955		0.01	<10	<10	17	<10	45
394956		0.56	<10	<10	74	<10	67
394957		0.01	<10	<10	18	<10	27
394958		0.01	<10	<10	19	<10	32
394959		0.01	<10	<10	19	<10	55
394960		<0.01	<10	<10	11	<10	16

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 5- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123224

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16123232

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 017

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 29- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123232

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395001		3.59	8.21		1.2	0.58	62	10	<0.5	<2	1.67	0.8	9	11	35	21.1
395002		<0.02	7.59		0.6	0.58	70	10	<0.5	<2	1.65	1.1	8	9	30	20.2
395003		6.28	0.418		<0.5	0.20	6	20	<0.5	<2	1.07	0.6	3	11	6	23.2
395004		2.74	3.34		<0.5	0.26	8	30	<0.5	<2	0.66	0.8	3	17	20	23.4
395005		4.48	0.041		<0.5	0.15	<5	<10	<0.5	<2	1.02	0.5	1	16	14	9.50
395006		5.14	3.02		<0.5	0.25	<5	20	<0.5	<2	0.87	<0.5	4	26	29	12.95
395007		0.08	1.300		0.9	7.67	78	120	4.4	2	2.23	2.6	18	62	57	5.06
395008		0.89	0.006		<0.5	0.09	<5	10	<0.5	<2	0.80	<0.5	<1	21	3	3.86
395009		7.02	0.140		<0.5	0.47	<5	10	<0.5	3	1.45	0.7	6	13	15	18.80
395010		7.62	0.011		<0.5	7.50	34	<10	0.7	3	0.10	<0.5	45	186	7	22.0
395011		0.22	<0.005		<0.5	0.29	5	200	<0.5	2	18.0	<0.5	1	6	1	0.70
395012		4.50	0.005		<0.5	8.06	60	20	0.7	<2	0.10	0.5	52	191	<1	20.5
395013		4.65	0.194		<0.5	7.88	39	30	0.8	<2	0.18	<0.5	42	189	11	22.7
395014		4.74	3.99		<0.5	2.00	<5	40	<0.5	<2	4.47	0.9	11	34	37	21.1
395015		2.34	0.174		<0.5	0.43	<5	20	<0.5	<2	9.52	1.0	7	11	35	14.80
395016		0.05	>10.0	17.45	1.0	7.67	58	310	2.7	16	2.43	0.6	21	72	236	6.10
395017		4.10	0.472		<0.5	0.43	<5	20	<0.5	<2	9.98	0.7	4	12	29	15.20
395018		4.26	0.023		<0.5	0.93	12	20	<0.5	<2	5.70	<0.5	3	34	13	12.05
395019		3.17	0.049		<0.5	0.80	<5	30	<0.5	<2	3.83	<0.5	8	19	39	11.75
395020		4.49	2.51		<0.5	0.29	<5	10	<0.5	<2	4.89	0.7	5	6	48	18.20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123232

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395001		<10	0.11	10	2.34	5330	<1	0.01	5	670	2	3.17	<5	1	47	<20
395002		<10	0.11	10	2.30	5180	<1	0.01	5	670	3	2.89	<5	1	46	<20
395003		<10	0.06	<10	2.54	7230	1	<0.01	1	300	<2	0.49	<5	1	25	<20
395004		<10	0.10	10	1.05	7580	<1	<0.01	3	260	<2	0.86	<5	1	23	<20
395005		<10	0.03	<10	0.81	2500	<1	<0.01	3	30	<2	0.96	<5	<1	24	<20
395006		<10	0.11	10	1.13	4260	<1	0.01	5	300	3	1.73	<5	<1	25	<20
395007		30	4.04	10	1.70	424	1	3.46	65	930	145	2.57	5	5	244	<20
395008		<10	0.02	<10	0.41	1185	<1	0.01	<1	30	<2	0.12	<5	<1	21	<20
395009		<10	0.01	10	2.01	10200	<1	<0.01	9	370	2	0.15	<5	2	29	<20
395010		20	0.01	<10	4.44	1130	<1	<0.01	101	360	<2	0.06	<5	36	4	<20
395011		<10	0.04	<10	12.60	368	1	0.04	5	40	4	0.01	6	1	151	<20
395012		20	0.05	<10	4.32	919	<1	<0.01	116	410	<2	0.01	<5	46	3	<20
395013		20	0.09	<10	4.64	1340	1	0.01	93	440	3	0.28	<5	43	5	<20
395014		10	0.12	10	3.23	6110	<1	0.01	18	460	5	0.58	<5	5	94	<20
395015		<10	0.08	10	3.17	6250	<1	0.01	5	320	6	0.40	<5	1	146	<20
395016		20	4.21	10	1.88	455	1	2.92	76	1030	73	3.44	<5	6	329	<20
395017		<10	0.05	<10	3.64	6170	1	0.01	9	270	7	0.34	<5	2	173	<20
395018		<10	0.05	<10	2.84	3480	<1	0.02	5	200	<2	0.43	<5	3	94	<20
395019		<10	0.11	<10	1.96	4000	<1	0.01	7	310	4	1.90	<5	2	83	<20
395020		<10	0.03	10	2.97	7470	1	0.01	6	530	4	2.01	<5	1	91	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123232

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395001		0.01	<10	<10	26	<10	41
395002		0.01	<10	<10	25	<10	40
395003		0.02	<10	<10	15	<10	22
395004		0.02	<10	<10	16	<10	31
395005		<0.01	<10	<10	10	<10	17
395006		0.02	<10	<10	12	<10	21
395007		0.47	<10	<10	61	<10	222
395008		<0.01	<10	<10	5	<10	12
395009		0.04	<10	<10	29	<10	18
395010		0.78	<10	<10	406	<10	119
395011		0.02	<10	<10	14	<10	18
395012		0.85	<10	<10	418	<10	141
395013		0.80	<10	<10	406	<10	178
395014		0.13	<10	<10	87	<10	90
395015		0.03	<10	<10	23	<10	33
395016		0.54	<10	<10	73	<10	64
395017		0.03	<10	<10	23	<10	37
395018		0.02	<10	<10	35	<10	57
395019		0.02	<10	<10	30	<10	49
395020		0.01	<10	<10	13	<10	32

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123232

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16123236

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 023

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 29- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123236

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395121		2.05	0.016		<0.5	0.04	<5	<10	<0.5	<2	1.07	0.6	2	6	2	19.95
395122		<0.02	0.008		<0.5	0.04	<5	<10	<0.5	<2	1.07	<0.5	2	6	3	19.55
395123		1.67	<0.005		<0.5	0.10	<5	10	<0.5	<2	1.20	<0.5	1	14	2	14.20
395124		3.88	<0.005		<0.5	0.06	<5	<10	<0.5	<2	0.77	<0.5	1	12	<1	10.50
395125		3.76	0.022		<0.5	0.10	<5	10	0.5	<2	5.02	0.5	4	7	2	21.2
395126		3.57	<0.005		<0.5	0.18	<5	10	0.6	<2	5.01	<0.5	4	7	5	21.1
395127		0.07	1.285		1.1	8.20	104	120	4.5	<2	2.35	2.4	19	65	60	5.32
395128		2.31	<0.005		<0.5	0.43	<5	10	0.7	<2	2.02	<0.5	6	11	4	26.3
395129		5.20	<0.005		<0.5	0.24	11	10	<0.5	<2	6.55	0.5	4	9	1	16.90
395130		2.53	<0.005		<0.5	0.23	10	10	0.5	<2	5.09	0.6	4	8	1	18.35
395131		0.33	<0.005		<0.5	0.12	<5	110	<0.5	<2	17.2	<0.5	<1	2	1	0.31
395132		4.50	<0.005		<0.5	0.14	7	10	<0.5	<2	7.18	<0.5	3	6	1	19.50
395133		2.81	<0.005		<0.5	0.12	<5	10	<0.5	<2	4.81	<0.5	5	7	2	17.95
395134		3.85	0.297		<0.5	0.24	<5	20	<0.5	<2	4.15	<0.5	6	6	6	23.2
395135		4.68	<0.005		<0.5	0.21	7	20	0.6	<2	2.18	<0.5	5	14	1	25.9
395136		0.09	>10.0	18.70	1.1	7.97	69	310	2.7	13	2.47	<0.5	21	75	242	6.14
395137		1.65	<0.005		<0.5	0.15	8	10	<0.5	<2	7.73	<0.5	3	6	1	17.55
395138		3.96	0.006		<0.5	0.11	<5	10	<0.5	<2	3.90	0.5	3	7	3	20.1
395139		2.60	<0.005		<0.5	0.04	<5	<10	<0.5	<2	1.57	<0.5	1	10	2	21.4
395140		4.29	<0.005		<0.5	0.06	<5	<10	<0.5	<2	2.52	<0.5	4	5	1	21.2

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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123236

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395121		<10	0.01	<10	1.70	3880	<1	<0.01	<1	100	<2	0.16	<5	<1	16	<20
395122		<10	0.01	<10	1.64	3810	<1	<0.01	2	100	<2	0.14	<5	<1	15	<20
395123		<10	0.02	<10	1.65	4210	<1	<0.01	3	110	2	0.03	<5	<1	9	<20
395124		<10	0.01	<10	1.18	3180	<1	<0.01	1	80	2	0.02	<5	<1	5	<20
395125		<10	0.02	<10	3.29	6770	<1	<0.01	2	190	3	0.10	<5	<1	34	<20
395126		<10	0.05	10	3.26	6970	<1	<0.01	2	180	4	0.10	<5	<1	41	<20
395127		20	4.16	10	1.77	444	1	3.56	71	970	150	2.74	<5	5	262	<20
395128		<10	0.03	10	2.17	13150	<1	<0.01	6	460	2	0.07	<5	1	17	<20
395129		<10	0.04	10	3.37	8720	<1	0.01	2	260	2	0.02	<5	1	53	<20
395130		<10	0.06	<10	3.25	8820	<1	0.01	3	210	2	0.04	<5	1	44	<20
395131		<10	0.07	<10	11.35	420	<1	0.07	<1	30	2	<0.01	<5	<1	132	<20
395132		<10	0.05	10	3.94	7090	<1	0.01	1	210	4	0.05	<5	<1	62	<20
395133		<10	0.03	10	3.16	6980	<1	<0.01	3	540	4	0.12	<5	<1	41	<20
395134		<10	0.09	10	3.31	9660	<1	0.01	4	360	4	0.23	<5	<1	45	<20
395135		<10	0.08	10	2.37	10300	1	<0.01	3	640	3	0.07	<5	<1	26	<20
395136		20	4.18	10	1.86	456	1	2.87	78	1030	63	3.54	<5	6	338	<20
395137		<10	0.02	<10	4.05	5250	<1	0.01	1	140	5	0.01	<5	<1	51	<20
395138		<10	0.04	10	2.79	7430	<1	0.01	1	300	4	0.12	<5	<1	44	<20
395139		<10	0.01	<10	1.97	4950	<1	<0.01	2	120	2	0.02	<5	<1	21	<20
395140		<10	0.01	<10	1.80	6600	1	<0.01	2	280	2	0.03	<5	<1	26	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123236

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395121		<0.01	<10	<10	7	<10	19
395122		<0.01	<10	<10	7	<10	19
395123		<0.01	<10	<10	12	<10	10
395124		<0.01	<10	<10	7	<10	8
395125		0.01	<10	<10	13	<10	8
395126		0.01	<10	<10	20	<10	9
395127		0.50	<10	<10	63	<10	228
395128		0.07	<10	<10	31	<10	22
395129		0.03	<10	<10	20	<10	5
395130		0.03	<10	<10	18	<10	7
395131		<0.01	<10	<10	2	<10	18
395132		0.01	<10	<10	13	<10	10
395133		0.01	<10	<10	12	<10	13
395134		0.01	<10	<10	22	<10	17
395135		0.02	<10	<10	21	<10	11
395136		0.55	<10	<10	72	<10	63
395137		<0.01	<10	<10	14	<10	7
395138		<0.01	<10	<10	15	<10	14
395139		<0.01	<10	<10	7	<10	14
395140		<0.01	<10	<10	12	<10	8

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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123236

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16123240

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 026

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 29- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123240

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
381911		3.89	<0.005		<0.5	0.09	<5	10	<0.5	<2	5.61	<0.5	15	5	14	19.80
381912		<0.02	0.020		<0.5	0.09	<5	10	<0.5	<2	5.61	<0.5	7	8	11	19.85
381913		2.55	0.033		<0.5	0.06	<5	10	<0.5	<2	6.12	<0.5	3	8	<1	16.65
381914		2.62	<0.005		<0.5	0.08	<5	10	<0.5	<2	7.16	<0.5	3	4	<1	19.60
381915		2.52	0.005		<0.5	0.14	<5	10	0.7	<2	3.53	<0.5	5	6	1	26.0
381916		5.23	0.355		<0.5	0.39	<5	10	0.9	<2	5.08	<0.5	7	15	1	22.5
381917		0.06	1.285		1.2	8.17	102	130	4.5	<2	2.35	2.4	19	64	61	5.31
381918		3.07	<0.005		<0.5	0.29	<5	<10	1.2	<2	1.19	<0.5	6	9	<1	27.8
381919		3.93	<0.005		<0.5	0.18	<5	<10	0.8	<2	0.98	<0.5	5	6	<1	28.3
381920		4.18	0.007		<0.5	0.13	<5	<10	0.6	<2	2.64	<0.5	3	11	1	16.70
381921		0.23	<0.005		<0.5	0.04	<5	130	<0.5	<2	17.7	<0.5	1	2	1	0.31
381922		3.98	<0.005		<0.5	0.17	<5	10	0.7	<2	3.02	<0.5	4	7	1	21.1
381923		3.10	<0.005		<0.5	0.12	12	10	<0.5	<2	3.72	1.1	1	9	4	21.6
381924		3.45	0.075		<0.5	0.21	<5	10	0.7	<2	3.40	1.2	1	8	2	22.1
381925		1.65	0.020		<0.5	0.07	<5	10	0.9	<2	4.65	1.1	<1	8	<1	22.7
381926		0.04	>10.0	17.65	0.9	7.88	63	310	2.7	21	2.49	0.7	21	74	230	6.19
381927		3.96	2.07		0.6	0.45	59	<10	<0.5	<2	7.54	1.2	<1	9	99	19.05
381928		4.43	0.547		0.7	0.25	190	<10	<0.5	<2	4.50	0.7	2	8	70	12.05
381929		5.08	0.693		<0.5	0.32	42	20	<0.5	<2	6.52	1.5	2	9	20	23.3
381930		5.23	0.527		<0.5	0.39	40	40	<0.5	<2	5.18	0.9	4	12	16	19.40

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123240

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
381911		<10	0.02	<10	3.42	6190	<1	0.01	2	140	2	0.01	<5	<1	31	<20
381912		<10	0.02	<10	3.38	6190	<1	0.01	2	140	2	0.01	<5	<1	31	<20
381913		<10	0.02	<10	3.35	5220	<1	<0.01	1	130	2	0.01	<5	<1	34	<20
381914		<10	0.03	<10	4.27	6170	<1	<0.01	3	200	3	<0.01	<5	<1	41	<20
381915		<10	0.02	10	3.16	9800	1	0.01	2	480	4	0.02	<5	<1	22	<20
381916		<10	0.05	10	3.69	7880	<1	<0.01	5	700	3	0.05	<5	1	35	<20
381917		20	4.17	10	1.77	450	1	3.53	70	960	158	2.74	<5	5	262	<20
381918		<10	0.01	10	2.60	11250	<1	<0.01	5	1490	2	0.03	<5	1	13	<20
381919		<10	0.01	10	2.90	11250	<1	<0.01	2	590	2	0.03	<5	<1	10	<20
381920		<10	0.01	10	1.69	6680	<1	<0.01	2	450	2	0.03	<5	<1	22	<20
381921		<10	0.03	<10	12.55	480	<1	0.05	<1	40	8	<0.01	<5	<1	122	<20
381922		<10	0.02	10	2.48	7640	<1	<0.01	2	460	4	0.07	<5	<1	20	<20
381923		<10	0.02	<10	2.81	8990	1	<0.01	4	360	7	0.03	<5	<1	25	<20
381924		<10	0.03	<10	2.30	10100	1	<0.01	1	330	5	0.04	<5	<1	23	<20
381925		<10	0.02	<10	2.86	6830	1	<0.01	<1	270	9	0.02	<5	<1	33	<20
381926		30	4.23	10	1.85	471	2	2.92	79	1060	65	3.49	<5	6	346	<20
381927		<10	0.02	<10	3.11	7040	<1	0.04	44	230	5	5.04	<5	1	236	<20
381928		<10	0.02	<10	1.58	4030	<1	0.01	39	200	7	3.56	<5	1	131	<20
381929		<10	0.05	<10	3.58	8580	<1	0.04	9	170	11	0.94	<5	1	119	<20
381930		<10	0.09	10	2.61	6950	1	0.02	7	590	6	0.43	<5	1	95	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123240

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
381911		0.01	<10	<10	10	<10	5
381912		0.01	<10	<10	10	<10	6
381913		0.01	<10	<10	8	<10	4
381914		0.01	<10	<10	7	<10	4
381915		0.01	<10	<10	12	<10	5
381916		0.03	<10	<10	24	<10	6
381917		0.49	<10	<10	62	<10	235
381918		0.03	<10	<10	17	<10	6
381919		0.02	<10	<10	16	<10	5
381920		0.01	<10	<10	13	<10	4
381921		<0.01	<10	10	3	<10	65
381922		0.01	<10	<10	17	<10	5
381923		0.02	<10	<10	10	<10	8
381924		0.02	<10	<10	15	<10	6
381925		0.01	10	<10	12	<10	7
381926		0.56	<10	<10	73	<10	66
381927		0.01	<10	<10	19	<10	46
381928		<0.01	10	<10	9	<10	24
381929		0.01	<10	<10	28	<10	37
381930		0.01	<10	<10	31	<10	24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123240

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 6- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16123242

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 027

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 29- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123242

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395141		2.98	0.010		<0.5	0.16	<5	10	<0.5	<2	0.25	<0.5	2	7	<1	20.8
395142		<0.02	0.011		<0.5	0.15	<5	10	<0.5	<2	0.24	0.5	1	8	<1	20.2
395143		3.38	0.009		<0.5	0.07	<5	10	<0.5	<2	0.97	<0.5	1	6	<1	23.1
395144		3.41	<0.005		<0.5	0.18	<5	20	0.5	<2	1.04	0.7	4	7	<1	26.4
395145		5.36	0.005		<0.5	0.21	<5	20	0.9	<2	1.44	0.8	6	11	1	23.6
395146		4.08	<0.005		<0.5	0.22	13	20	0.7	<2	1.87	0.8	4	11	<1	21.5
395147		0.08	1.305		1.0	8.25	97	120	4.6	4	2.40	2.7	17	63	61	5.25
395148		4.66	0.018		<0.5	0.17	<5	20	0.6	<2	1.74	0.9	3	7	1	23.7
395149		3.30	<0.005		<0.5	0.15	15	20	1.0	<2	1.85	0.5	4	6	<1	27.6
395150		5.13	0.007		<0.5	0.38	41	30	1.1	<2	3.24	0.9	6	12	1	26.7
398151		0.18	<0.005		<0.5	0.07	<5	190	<0.5	2	18.2	<0.5	<1	2	1	0.64
398152		4.10	<0.005		<0.5	0.27	19	30	1.0	<2	2.72	1.0	4	8	<1	25.9
398153		4.29	<0.005		<0.5	0.15	11	20	0.6	<2	1.47	0.7	6	9	<1	25.9
398154		4.47	0.046		<0.5	0.16	14	20	0.6	<2	1.55	0.6	5	6	<1	27.3
398155		2.44	<0.005		<0.5	0.11	13	20	0.6	<2	2.52	0.8	<1	5	<1	24.2
398156		0.06	>10.0	17.65	0.9	8.02	72	320	2.8	16	2.53	0.9	21	76	247	6.25
398157		3.33	0.006		<0.5	0.09	<5	30	0.5	<2	2.81	0.6	<1	9	<1	15.60
398158		2.96	0.014		<0.5	0.09	43	20	0.5	<2	1.18	0.6	5	9	1	21.0
398159		2.39	0.005		<0.5	0.05	13	10	<0.5	<2	1.24	0.8	<1	14	<1	19.05
398160		3.95	<0.005		<0.5	0.02	<5	<10	<0.5	<2	0.95	0.5	<1	11	<1	14.85

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123242

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395141		<10	0.03	<10	0.76	7600	1	<0.01	2	220	5	0.01	<5	<1	6	<20
395142		<10	0.03	<10	0.75	7250	<1	<0.01	1	210	2	0.01	<5	<1	6	<20
395143		<10	0.02	<10	2.34	8510	<1	<0.01	1	490	3	<0.01	<5	<1	16	<20
395144		<10	0.06	10	2.61	11950	<1	<0.01	1	760	3	0.01	<5	<1	14	<20
395145		<10	0.06	10	2.28	11600	1	0.01	3	560	<2	0.03	<5	1	18	<20
395146		<10	0.06	<10	2.39	11550	1	0.01	<1	620	4	0.04	<5	<1	23	<20
395147		30	4.14	10	1.72	459	2	3.60	68	980	153	2.75	<5	5	264	<20
395148		<10	0.05	10	2.24	13050	1	<0.01	2	440	2	0.06	<5	<1	20	<20
395149		<10	0.06	10	2.80	13100	<1	<0.01	2	420	3	0.03	<5	<1	23	<20
395150		<10	0.09	10	2.83	11550	1	0.01	3	600	4	0.05	<5	1	51	<20
398151		<10	0.03	<10	12.55	565	<1	0.05	<1	50	5	<0.01	<5	<1	172	<20
398152		<10	0.08	10	3.48	10400	1	0.01	1	880	4	0.05	<5	1	30	<20
398153		<10	0.06	<10	3.16	10150	<1	0.01	2	360	<2	0.05	<5	<1	17	<20
398154		<10	0.05	<10	3.17	10550	<1	0.01	1	280	2	0.03	<5	<1	17	<20
398155		<10	0.04	<10	2.79	8680	<1	<0.01	2	310	3	0.02	<5	<1	27	<20
398156		30	4.29	10	1.87	479	2	2.96	81	1060	67	3.49	<5	6	351	<20
398157		<10	0.04	<10	2.12	5720	<1	<0.01	<1	120	4	0.01	<5	<1	30	<20
398158		<10	0.04	<10	2.24	6650	<1	0.01	1	170	3	0.10	<5	<1	13	<20
398159		<10	0.02	<10	2.42	5120	1	<0.01	<1	140	6	0.05	<5	<1	14	<20
398160		<10	0.01	<10	1.95	3450	<1	<0.01	<1	120	5	0.01	<5	<1	10	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123242

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395141		0.01	<10	<10	15	<10	10
395142		<0.01	<10	<10	15	<10	9
395143		<0.01	<10	<10	10	<10	9
395144		0.02	<10	<10	15	<10	9
395145		0.02	10	<10	16	<10	8
395146		0.02	<10	<10	15	<10	7
395147		0.50	<10	10	64	<10	233
395148		0.01	<10	<10	14	<10	10
395149		0.01	<10	<10	15	<10	7
395150		0.03	<10	<10	25	<10	8
398151		<0.01	<10	<10	5	<10	25
398152		0.02	10	<10	21	<10	6
398153		0.01	<10	<10	14	<10	5
398154		0.02	10	<10	13	<10	6
398155		0.01	<10	<10	10	<10	6
398156		0.57	<10	<10	74	<10	65
398157		0.01	<10	<10	13	<10	4
398158		0.01	<10	<10	11	<10	4
398159		<0.01	<10	<10	10	<10	4
398160		<0.01	<10	<10	8	<10	3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 6- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123242

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 21d	LOG- 23	PUL- 31
	PUL- 31d	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 5- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16123243

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 029

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 29- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123243

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398221		3.68	0.006		<0.5	0.19	<5	20	<0.5	<2	6.64	1.7	<1	3	2	20.6
398222		<0.02	0.009		<0.5	0.19	<5	20	<0.5	<2	6.69	1.5	<1	4	2	20.7
398223		3.63	0.022		<0.5	0.29	<5	20	<0.5	2	2.11	1.3	3	11	4	27.3
398224		4.59	0.230		<0.5	0.17	<5	10	<0.5	<2	1.37	0.8	2	6	3	22.1
398225		4.37	<0.005		<0.5	0.24	<5	10	0.5	<2	1.04	1.0	3	9	4	25.0
398226		4.72	<0.005		<0.5	0.15	<5	30	<0.5	<2	0.74	1.2	4	6	2	26.2
398227		0.07	1.330		1.1	8.52	109	120	4.7	2	2.46	2.8	18	68	62	6.03
398228		5.77	<0.005		<0.5	0.20	<5	10	<0.5	<2	0.88	0.9	3	7	1	24.8
398229		4.48	<0.005		<0.5	0.13	<5	10	<0.5	<2	3.35	1.3	<1	6	1	22.6
398230		2.69	0.787		<0.5	0.12	<5	10	<0.5	<2	9.61	1.4	<1	2	6	19.55
398231		0.24	<0.005		<0.5	0.05	<5	1180	<0.5	<2	17.6	<0.5	<1	1	1	0.52
398232		2.75	1.050		<0.5	0.12	9	10	<0.5	<2	1.51	0.9	10	6	39	20.2
398233		2.22	0.542		<0.5	0.12	<5	10	<0.5	<2	1.50	1.2	4	1	27	31.7
398234		5.12	0.833		<0.5	0.32	<5	10	<0.5	<2	1.70	1.0	2	3	13	25.4
398235		3.26	0.610		<0.5	0.33	<5	10	<0.5	<2	1.69	1.2	3	3	12	25.3
398236		0.06	>10.0	16.60	<0.5	0.29	<5	20	<0.5	<2	0.61	<0.5	2	22	24	5.11
398237		2.92	0.496		<0.5	0.29	<5	20	<0.5	<2	0.62	<0.5	3	26	24	5.10
398238		2.22	0.027		<0.5	0.04	<5	<10	<0.5	<2	0.67	0.7	3	10	1	20.2
398239		5.10	0.030		<0.5	0.03	<5	10	0.6	3	1.22	1.2	2	9	1	26.6
398240		2.59	0.007		<0.5	0.02	<5	<10	<0.5	<2	0.85	0.8	2	8	2	25.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123243

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398221		<10	0.03	<10	3.43	6080	<1	0.01	<1	340	4	0.24	<5	<1	73	<20
398222		<10	0.03	<10	3.44	6110	<1	0.01	<1	330	2	0.23	<5	<1	75	<20
398223		<10	0.05	10	2.72	7690	1	0.01	2	280	6	0.34	<5	1	33	<20
398224		<10	0.02	10	1.63	6450	1	<0.01	3	230	4	0.10	<5	<1	18	<20
398225		<10	0.03	<10	2.47	7140	1	0.01	1	230	11	0.16	<5	<1	12	<20
398226		<10	0.02	<10	2.80	7720	1	0.01	2	240	<2	0.06	<5	<1	9	<20
398227		30	4.16	10	1.80	566	2	3.64	72	1030	162	2.87	<5	5	269	<20
398228		<10	0.02	<10	2.85	7460	1	<0.01	1	280	2	0.10	<5	<1	13	<20
398229		<10	0.03	<10	3.10	6910	1	<0.01	1	180	<2	0.14	<5	<1	31	<20
398230		<10	0.03	<10	4.24	5500	1	0.01	<1	320	<2	0.65	<5	<1	103	<20
398231		<10	0.03	<10	12.65	443	<1	0.04	<1	40	<2	0.04	<5	<1	156	<20
398232		<10	0.04	10	1.55	4800	<1	<0.01	16	210	8	2.17	<5	1	35	<20
398233		<10	0.03	10	2.68	8230	<1	<0.01	4	130	5	1.17	<5	<1	42	<20
398234		<10	0.04	<10	2.89	7230	1	<0.01	<1	120	5	0.72	<5	<1	51	<20
398235		<10	0.05	<10	2.85	7170	<1	<0.01	<1	120	6	0.72	<5	1	52	<20
398236		<10	0.06	<10	0.31	755	1	<0.01	2	550	2	1.01	<5	1	21	<20
398237		<10	0.06	<10	0.33	782	1	<0.01	1	560	3	1.02	<5	1	21	<20
398238		<10	0.01	10	1.69	4910	<1	<0.01	<1	60	4	0.05	<5	<1	13	<20
398239		<10	0.01	10	3.34	6540	<1	<0.01	1	100	4	0.04	<5	<1	23	<20
398240		<10	0.01	10	2.37	7620	1	<0.01	<1	180	4	0.05	<5	<1	16	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 5- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123243

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398221		0.01	<10	<10	12	<10	14
398222		<0.01	<10	<10	12	<10	14
398223		0.02	<10	<10	31	<10	18
398224		0.01	<10	<10	15	<10	20
398225		0.01	<10	<10	26	<10	15
398226		0.01	<10	<10	14	<10	13
398227		0.51	<10	10	65	<10	242
398228		0.01	<10	<10	13	<10	11
398229		0.01	<10	<10	11	<10	14
398230		<0.01	<10	<10	11	<10	15
398231		<0.01	<10	<10	4	<10	31
398232		<0.01	<10	<10	11	<10	14
398233		<0.01	<10	<10	13	<10	17
398234		<0.01	<10	<10	18	<10	16
398235		<0.01	<10	<10	19	<10	16
398236		<0.01	<10	<10	15	<10	9
398237		<0.01	<10	<10	15	<10	9
398238		<0.01	<10	<10	9	<10	7
398239		<0.01	<10	<10	9	<10	6
398240		<0.01	<10	<10	10	<10	5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 5- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123243

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 7- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16123251

Projet: FOSSE- AU KAN

Bon de commande #: FAU16- 033

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 29- JUIL- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 7- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123251

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398161		1.75	<0.005		<0.5	0.08	5	10	0.6	<2	1.13	0.6	2	6	2	27.0
398162		<0.02	0.005		<0.5	0.07	<5	10	0.5	<2	1.09	<0.5	3	4	1	25.8
398163		2.29	<0.005		<0.5	0.15	5	30	0.5	<2	1.20	0.5	3	5	<1	28.5
398164		3.23	0.039		<0.5	0.11	28	20	0.6	<2	1.48	0.6	2	6	3	24.5
398165		3.41	0.273		<0.5	0.08	<5	10	0.5	<2	4.30	0.9	<1	8	5	10.75
398166		1.83	0.017		<0.5	0.50	<5	60	0.6	<2	4.22	1.0	1	13	9	17.40
398167		0.06	1.215		1.3	8.23	97	120	4.5	2	2.35	2.5	17	64	59	5.27
398168		2.27	0.010		<0.5	0.78	12	10	0.7	<2	3.23	0.9	4	25	9	19.75
398169		2.46	0.022		<0.5	0.96	14	10	1.0	<2	0.74	<0.5	12	23	17	24.7
398170		2.60	0.028		<0.5	0.37	<5	<10	0.6	<2	2.29	0.7	7	9	6	18.70
398171		0.18	<0.005		<0.5	0.10	<5	80	<0.5	<2	16.4	<0.5	<1	1	1	0.46
398172		4.03	0.108		<0.5	0.55	6	<10	0.5	<2	5.36	<0.5	8	16	7	18.95
398173		1.46	<0.005		<0.5	0.48	<5	<10	0.5	<2	7.59	0.7	7	15	5	16.70
398174		1.28	0.005		<0.5	0.06	<5	10	<0.5	<2	3.63	0.5	5	14	1	16.20
398175		1.77	<0.005		<0.5	0.03	<5	10	<0.5	<2	3.17	<0.5	4	4	<1	20.9
398176		0.06	>10.0	17.30	0.7	8.07	71	330	2.7	15	2.52	0.5	24	72	230	6.25
398177		2.06	<0.005		<0.5	0.03	<5	10	<0.5	<2	1.48	0.5	3	5	1	21.2
398178		2.78	1.895		<0.5	0.38	<5	10	<0.5	<2	0.06	<0.5	2	22	20	7.32
398179		3.21	1.840		<0.5	0.46	<5	10	<0.5	<2	3.05	<0.5	6	12	83	12.90
398180		1.45	0.091		<0.5	0.09	45	<10	<0.5	<2	1.02	<0.5	4	6	5	12.25

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 7- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123251

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398161		<10	0.03	<10	2.46	7250	1	0.01	1	250	<2	0.05	<5	<1	12	<20
398162		<10	0.02	<10	2.37	6890	<1	<0.01	<1	230	<2	0.05	<5	<1	12	<20
398163		<10	0.06	<10	2.09	9200	1	0.01	1	240	<2	0.01	<5	<1	17	<20
398164		<10	0.04	<10	2.30	7650	<1	<0.01	<1	180	<2	0.04	<5	<1	19	<20
398165		<10	0.03	<10	1.02	4160	<1	0.01	<1	30	6	0.04	<5	<1	89	<20
398166		<10	0.19	<10	1.90	7030	<1	0.01	3	130	3	0.06	<5	1	105	<20
398167		20	4.13	10	1.73	457	2	3.53	69	970	161	2.72	<5	5	261	<20
398168		<10	0.04	10	1.75	14500	<1	0.01	12	510	6	0.06	<5	2	36	<20
398169		10	<0.01	10	0.93	17700	2	<0.01	17	630	6	0.04	<5	3	18	<20
398170		<10	0.01	<10	1.45	11850	<1	<0.01	5	300	3	0.02	<5	1	23	<20
398171		<10	0.04	<10	12.20	503	<1	0.03	<1	40	10	<0.01	<5	<1	123	<20
398172		<10	0.01	10	2.40	13150	1	<0.01	9	300	5	0.02	<5	2	57	<20
398173		<10	0.02	10	3.37	12500	<1	<0.01	10	380	5	0.02	<5	2	77	<20
398174		<10	0.02	<10	2.20	6800	<1	<0.01	1	150	2	<0.01	<5	<1	37	<20
398175		<10	0.01	<10	3.49	4650	<1	<0.01	<1	90	2	0.01	<5	<1	38	<20
398176		20	4.28	10	1.91	463	2	2.93	79	1040	63	3.61	<5	6	344	<20
398177		<10	0.01	<10	2.46	4920	<1	<0.01	<1	80	3	0.01	<5	<1	21	<20
398178		<10	0.02	<10	0.28	2190	1	0.01	10	90	<2	0.62	<5	<1	3	<20
398179		<10	0.02	10	1.31	3820	1	<0.01	40	190	4	4.19	<5	1	102	<20
398180		<10	0.01	<10	0.30	3840	<1	<0.01	4	90	2	0.03	<5	<1	21	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 7- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123251

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398161		0.01	10	<10	18	<10	5
398162		0.01	10	<10	17	<10	5
398163		0.01	<10	<10	15	<10	5
398164		0.01	<10	<10	12	<10	9
398165		<0.01	<10	<10	6	<10	12
398166		0.02	10	<10	29	<10	20
398167		0.50	<10	<10	63	<10	232
398168		0.08	<10	<10	50	<10	24
398169		0.11	<10	<10	63	<10	37
398170		0.04	<10	<10	26	<10	11
398171		<0.01	<10	<10	3	<10	26
398172		0.07	<10	<10	48	<10	12
398173		0.09	<10	<10	47	<10	12
398174		0.01	<10	<10	6	<10	8
398175		<0.01	<10	<10	11	<10	6
398176		0.55	<10	<10	73	<10	66
398177		<0.01	<10	<10	12	<10	8
398178		<0.01	<10	<10	15	<10	30
398179		<0.01	<10	<10	19	<10	43
398180		<0.01	<10	<10	9	<10	27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 7- AOUT- 2016
Compte: MINVIR

Projet: FOSSE- AU KAN

CERTIFICAT D'ANALYSE VO16123251

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130101

Projet: KAN

Bon de commande #: FAU16- 018

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130101

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395021		4.22	0.251		<0.5	0.18	<5	10	<0.5	<2	11.15	0.9	3	3	19	16.30
395022		<0.02	0.207		<0.5	0.19	<5	10	<0.5	<2	11.30	0.8	3	3	24	16.50
395023		5.15	0.030		<0.5	0.29	<5	20	<0.5	2	9.33	0.8	3	5	24	14.20
395024		3.57	9.90		0.9	0.56	33	20	<0.5	<2	4.77	0.8	14	4	44	18.05
395025		6.42	0.268		<0.5	0.42	<5	20	<0.5	2	6.13	1.0	11	5	82	18.70
395026		4.26	0.119		<0.5	0.62	<5	30	<0.5	<2	5.61	0.9	7	13	49	15.50
395027		0.11	1.305		1.1	7.91	99	120	4.5	2	2.29	2.6	18	62	59	5.33
395028		5.26	1.300		1.3	1.58	<5	40	<0.5	2	7.41	1.0	5	10	29	17.55
395029		4.84	0.835		<0.5	1.30	<5	120	0.5	<2	6.63	0.8	5	22	24	15.45
395030		4.74	0.066		<0.5	6.22	14	60	0.5	7	0.84	<0.5	25	248	57	20.3
395031		0.25	0.005		<0.5	0.05	<5	80	<0.5	<2	17.7	<0.5	<1	2	1	0.35
395032		5.40	1.125		<0.5	2.42	9	70	<0.5	2	4.96	0.8	22	72	41	16.55
395033		5.48	0.120		<0.5	0.87	<5	50	<0.5	<2	3.73	0.6	8	20	19	15.55
395034		3.69	0.816		<0.5	0.53	<5	60	<0.5	<2	2.23	0.7	6	14	19	9.93
395035		2.96	0.382		<0.5	0.68	<5	80	<0.5	<2	1.87	0.8	10	18	30	18.50
395036		0.07	>10.0	17.80	0.9	7.58	68	300	2.6	18	2.44	0.9	21	71	231	6.12
395037		3.43	1.945		<0.5	0.48	<5	30	<0.5	2	1.62	0.5	4	9	16	16.30
395038		1.73	1.400		<0.5	1.10	<5	40	<0.5	<2	4.70	0.9	10	20	48	18.70
395039		1.65	0.007		<0.5	0.61	<5	50	<0.5	4	6.04	0.7	2	21	8	9.44
395040		4.98	0.138		<0.5	3.87	<5	70	0.5	<2	1.61	<0.5	18	115	68	16.90

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130101

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395021		<10	0.03	10	4.62	5780	<1	0.01	<1	270	3	0.72	<5	<1	140	<20
395022		<10	0.03	10	4.66	5870	<1	0.01	1	280	5	0.75	<5	<1	142	<20
395023		<10	0.07	<10	3.53	5150	<1	0.04	2	230	5	1.01	5	1	125	<20
395024		<10	0.04	10	2.86	7540	<1	<0.01	5	310	6	2.19	<5	1	102	<20
395025		<10	0.08	10	3.00	7030	1	<0.01	9	200	6	3.17	5	1	119	<20
395026		<10	0.09	10	2.28	5370	1	0.01	9	310	3	2.53	<5	2	106	<20
395027		30	4.19	10	1.76	445	2	3.63	71	940	156	2.74	<5	5	253	<20
395028		10	0.15	10	3.85	6590	<1	0.01	6	350	10	0.96	<5	3	157	<20
395029		10	0.35	10	3.04	6470	<1	0.02	8	390	3	0.64	<5	5	154	<20
395030		20	0.32	10	4.06	1585	1	0.03	71	990	<2	2.22	<5	33	21	<20
395031		<10	0.01	<10	12.50	412	<1	0.02	3	30	4	0.01	6	<1	151	<20
395032		10	0.35	10	3.32	4800	1	0.04	34	520	5	1.88	8	12	130	<20
395033		<10	0.19	10	2.55	5430	1	0.01	10	410	3	0.67	6	3	85	<20
395034		<10	0.21	<10	1.12	4030	<1	0.03	8	220	5	0.85	<5	2	56	<20
395035		<10	0.27	10	1.96	9490	1	0.04	9	350	3	0.67	<5	2	52	<20
395036		30	4.20	10	1.80	462	1	2.90	79	1010	63	3.43	<5	5	331	<20
395037		<10	0.07	10	1.75	9040	<1	0.01	7	250	<2	0.51	<5	1	42	<20
395038		10	0.07	10	3.09	7110	1	0.01	19	350	6	1.90	<5	4	115	<20
395039		<10	0.10	<10	2.27	4700	<1	0.01	5	120	3	0.26	7	4	135	<20
395040		10	0.43	10	2.74	3010	<1	0.05	51	360	3	2.17	<5	21	40	<20

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130101

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395021		<0.01	<10	<10	10	<10	27
395022		<0.01	<10	<10	10	<10	27
395023		<0.01	<10	<10	12	<10	26
395024		0.01	<10	<10	22	<10	40
395025		0.01	<10	<10	19	<10	36
395026		0.01	<10	<10	26	<10	46
395027		0.49	<10	<10	63	<10	236
395028		0.03	<10	<10	66	<10	92
395029		0.04	<10	<10	53	<10	70
395030		1.07	10	<10	336	<10	303
395031		<0.01	<10	<10	4	<10	100
395032		0.29	<10	<10	126	<10	118
395033		0.07	<10	<10	46	<10	58
395034		0.04	<10	<10	23	<10	30
395035		0.07	<10	<10	34	<10	42
395036		0.55	<10	<10	72	<10	68
395037		0.04	<10	<10	24	<10	31
395038		0.09	<10	<10	54	<10	55
395039		0.04	<10	<10	29	<10	31
395040		0.46	<10	<10	214	<10	169

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Finalisée date:
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Projet: KAN

CERTIFICAT D'ANALYSE VO16130101

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date:
19- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130107

Projet: KAN

Bon de commande #: FAU16- 020

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
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***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date:
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CERTIFICAT D'ANALYSE VO16130107

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395061		4.58	0.012		<0.5	0.26	<5	10	<0.5	<2	3.20	0.7	6	7	1	24.7
395062		<0.02	0.006		<0.5	0.25	<5	10	0.5	4	3.33	0.8	6	7	1	25.5
395063		4.53	<0.005		<0.5	0.17	<5	10	0.5	4	5.14	0.9	5	7	<1	22.1
395064		4.18	<0.005		<0.5	0.19	<5	<10	<0.5	5	5.89	0.9	5	4	<1	24.6
395065		4.73	<0.005		<0.5	0.19	<5	10	0.5	5	4.71	0.6	4	4	<1	24.4
395066		4.25	0.252		<0.5	0.21	<5	10	0.6	8	3.83	<0.5	4	6	1	25.6
395067		0.04	1.315		1.0	7.89	108	120	4.5	2	2.27	2.8	18	64	61	5.26
395068		4.56	0.330		<0.5	0.28	<5	10	<0.5	<2	6.10	0.9	3	5	34	20.3
395069		4.06	<0.005		<0.5	0.21	<5	<10	<0.5	<2	6.08	0.9	3	4	1	23.3
395070		4.84	<0.005		<0.5	0.25	<5	<10	<0.5	<2	2.43	0.8	2	11	2	20.1
395071		0.15	0.005		<0.5	0.02	<5	90	<0.5	<2	16.6	<0.5	<1	3	1	0.54
395072		4.07	<0.005		<0.5	0.24	<5	<10	<0.5	<2	4.87	0.6	2	8	1	17.70
395073		3.15	<0.005		<0.5	0.28	<5	<10	<0.5	<2	5.07	0.5	1	9	1	18.15
395074		2.83	<0.005		<0.5	0.48	<5	10	<0.5	<2	6.02	1.1	3	14	1	21.9
395075		1.43	0.147		<0.5	0.30	<5	10	<0.5	<2	6.02	0.9	2	10	4	20.5
395076		0.02	>10.0	18.70	1.1	7.65	65	310	2.7	17	2.43	0.8	21	71	242	6.11
395077		2.16	0.014		<0.5	0.17	<5	10	<0.5	<2	7.68	0.8	2	7	2	17.10
395078		2.46	0.011		<0.5	0.29	<5	<10	<0.5	<2	7.74	1.1	3	7	3	21.6
395079		4.53	<0.005		<0.5	0.13	<5	10	<0.5	<2	4.97	0.7	<1	5	1	20.6
395080		6.42	<0.005		<0.5	0.11	<5	10	<0.5	<2	6.14	1.0	1	9	<1	23.1

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Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130107

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395061		<10	0.03	10	2.81	7050	<1	0.01	5	290	3	0.20	5	<1	36	<20
395062		<10	0.03	10	2.91	7340	<1	0.01	5	300	5	0.20	6	<1	36	<20
395063		<10	0.01	10	3.17	6750	<1	<0.01	3	280	3	0.07	<5	<1	47	<20
395064		<10	0.01	10	3.59	7980	<1	<0.01	4	240	2	0.04	<5	<1	44	<20
395065		<10	0.01	10	3.54	7660	<1	<0.01	3	260	3	0.09	<5	<1	38	<20
395066		<10	0.02	10	3.37	8190	<1	<0.01	3	400	3	0.28	<5	1	36	<20
395067		30	4.22	10	1.73	440	1	3.56	70	960	160	2.74	<5	5	255	<20
395068		<10	0.02	10	3.44	7150	<1	0.01	19	190	3	2.05	<5	<1	127	<20
395069		<10	<0.01	10	3.73	7760	<1	<0.01	3	220	3	0.04	5	<1	56	<20
395070		<10	<0.01	10	2.49	9430	1	<0.01	3	360	<2	0.03	<5	1	38	<20
395071		<10	0.02	<10	11.45	389	<1	0.02	<1	30	3	<0.01	<5	<1	127	<20
395072		<10	<0.01	10	2.93	10450	<1	<0.01	4	370	4	0.03	<5	1	70	<20
395073		<10	<0.01	10	2.74	11150	<1	<0.01	2	490	3	0.02	<5	1	76	<20
395074		<10	0.01	10	3.14	10800	<1	<0.01	5	420	4	0.07	<5	1	99	<20
395075		<10	0.02	10	2.60	9030	<1	<0.01	5	190	3	0.04	<5	1	106	<20
395076		20	4.19	10	1.82	468	<1	2.88	80	1010	72	3.52	<5	5	334	<20
395077		<10	0.01	10	2.92	6640	<1	<0.01	4	130	3	0.06	<5	<1	111	<20
395078		<10	<0.01	10	3.63	8270	1	<0.01	5	120	2	0.12	<5	1	112	<20
395079		<10	0.01	10	2.23	7840	<1	<0.01	3	260	4	0.03	<5	<1	50	<20
395080		<10	0.01	10	3.41	8370	<1	<0.01	3	220	<2	0.02	7	<1	51	<20

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Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130107

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395061		0.02	<10	<10	25	<10	10
395062		0.02	<10	<10	25	<10	9
395063		0.01	<10	<10	19	<10	8
395064		0.01	<10	<10	17	<10	8
395065		0.01	<10	<10	21	<10	8
395066		0.01	<10	<10	24	<10	17
395067		0.50	<10	<10	63	<10	254
395068		0.01	<10	<10	17	<10	28
395069		0.01	<10	<10	19	<10	19
395070		0.02	<10	<10	17	<10	13
395071		<0.01	<10	<10	2	<10	22
395072		0.02	<10	<10	18	<10	13
395073		0.02	<10	<10	22	<10	14
395074		0.04	<10	<10	30	<10	25
395075		0.03	<10	<10	21	<10	23
395076		0.55	10	<10	73	<10	67
395077		0.01	<10	<10	18	<10	15
395078		0.02	<10	<10	31	<10	15
395079		0.01	<10	<10	15	<10	8
395080		0.01	<10	<10	14	<10	7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130107

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130108

Projet: KAN

Bon de commande #: FAU16- 021

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130108

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395081		5.73	<0.005		<0.5	0.14	<5	10	0.7	5	5.98	1.1	5	5	<1	25.8
395082		<0.02	<0.005		<0.5	0.14	<5	10	0.7	5	5.89	1.2	5	5	<1	25.3
395083		5.22	<0.005		<0.5	0.17	<5	10	<0.5	3	3.99	0.9	3	19	1	22.2
395084		2.47	<0.005		<0.5	0.25	<5	<10	0.5	<2	3.27	1.0	3	8	1	21.8
395085		3.12	<0.005		<0.5	0.39	31	10	<0.5	<2	5.97	0.9	3	11	1	21.2
395086		3.67	0.205		<0.5	0.65	15	<10	<0.5	<2	3.89	1.3	8	18	38	25.9
395087		0.06	1.315		1.0	8.18	87	120	4.6	2	2.34	2.6	19	60	60	5.28
395088		3.17	1.780		<0.5	0.14	31	<10	<0.5	5	3.00	0.8	7	4	33	21.5
395089		4.87	4.96		<0.5	0.22	24	<10	<0.5	3	0.77	0.6	4	7	12	21.3
395090		2.16	0.082		<0.5	0.08	31	<10	<0.5	4	0.75	0.5	1	6	5	23.8
395091		0.21	<0.005		<0.5	0.02	6	80	<0.5	2	18.4	<0.5	<1	2	<1	0.48
395092		1.85	0.007		<0.5	0.03	16	<10	<0.5	<2	1.99	0.7	1	9	1	18.50
395093		3.62	<0.005		<0.5	0.04	14	<10	<0.5	5	1.05	0.7	4	8	1	25.4
395094		1.85	0.530		2.6	0.32	<5	20	<0.5	4	8.89	0.9	3	10	2	17.75
395095		2.42	1.170		0.5	0.44	6	10	<0.5	2	2.49	0.6	1	9	5	11.45
395096		0.06	>10.0	17.40	0.9	8.25	63	340	2.9	19	2.59	0.7	24	75	236	6.47
395097		2.51	6.52		<0.5	0.24	<5	10	<0.5	3	3.15	1.0	3	7	19	22.2
395098		2.49	0.155		<0.5	0.33	6	<10	<0.5	<2	1.03	<0.5	2	25	6	5.08
395099		4.32	3.80		<0.5	1.01	14	10	<0.5	<2	5.59	0.8	3	15	15	14.20
395100		2.12	0.029		<0.5	0.25	23	10	<0.5	3	6.11	1.1	9	8	60	21.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130108

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395081		<10	0.02	10	3.53	9450	1	0.01	4	320	7	0.05	5	<1	41	<20
395082		<10	0.01	10	3.48	9330	1	<0.01	3	330	5	0.04	<5	<1	40	<20
395083		<10	0.01	10	2.80	7520	1	<0.01	4	310	4	0.07	5	1	32	<20
395084		<10	<0.01	10	2.71	7220	1	<0.01	3	460	<2	0.09	<5	1	28	<20
395085		<10	0.01	10	3.06	10650	1	<0.01	4	340	6	0.06	<5	1	102	<20
395086		<10	0.01	10	2.96	11100	10	<0.01	9	680	6	2.93	<5	2	74	<20
395087		30	4.25	10	1.80	454	2	3.58	70	980	150	2.75	<5	5	262	<20
395088		<10	0.02	<10	1.90	7190	5	<0.01	5	230	5	2.42	<5	<1	52	<20
395089		<10	0.02	<10	1.90	6680	3	<0.01	3	120	<2	1.16	<5	<1	16	<20
395090		<10	0.01	<10	2.07	7110	2	<0.01	2	140	4	0.40	<5	<1	9	<20
395091		<10	0.02	<10	12.80	430	<1	0.02	1	80	4	0.02	5	<1	163	<20
395092		<10	<0.01	<10	2.09	5730	1	<0.01	3	160	2	0.14	<5	<1	19	<20
395093		<10	0.01	<10	2.58	6870	1	<0.01	<1	170	3	0.13	<5	<1	13	<20
395094		<10	0.03	10	3.48	7920	<1	<0.01	1	180	5	0.04	<5	1	174	<20
395095		<10	0.01	<10	1.38	4180	<1	0.01	<1	80	4	0.44	<5	<1	85	<20
395096		30	4.54	10	1.99	483	1	3.11	85	1110	68	3.73	<5	6	357	<20
395097		<10	0.04	<10	2.37	8460	5	0.01	2	190	4	1.54	<5	1	93	<20
395098		<10	0.01	<10	0.66	1505	<1	0.01	1	50	2	0.50	<5	<1	29	<20
395099		<10	0.01	<10	2.98	5570	<1	0.01	3	90	2	1.40	7	2	131	<20
395100		<10	0.01	10	1.48	4720	9	<0.01	9	370	7	2.60	<5	1	115	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130108

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395081		0.01	<10	<10	17	<10	8
395082		0.01	<10	<10	17	<10	8
395083		0.01	<10	<10	18	<10	11
395084		0.01	<10	<10	23	<10	12
395085		0.03	<10	<10	29	<10	19
395086		0.06	<10	<10	40	<10	22
395087		0.50	<10	<10	63	<10	230
395088		<0.01	<10	<10	8	<10	19
395089		<0.01	<10	<10	10	<10	24
395090		<0.01	<10	<10	7	<10	15
395091		<0.01	<10	<10	3	<10	28
395092		<0.01	<10	<10	5	<10	9
395093		<0.01	<10	<10	6	<10	8
395094		0.02	<10	<10	20	<10	29
395095		<0.01	<10	<10	15	<10	24
395096		0.59	<10	<10	78	<10	70
395097		<0.01	<10	<10	11	<10	28
395098		<0.01	<10	<10	15	<10	18
395099		0.01	<10	<10	45	<10	44
395100		0.03	<10	<10	17	<10	17

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130108

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130110

Projet: KAN

Bon de commande #: FAU16- 022

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130110

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395101		2.13	<0.005		<0.5	0.21	36	20	<0.5	<2	3.66	0.6	2	4	3	23.5
395102		<0.02	<0.005		<0.5	0.22	48	20	<0.5	<2	3.86	0.8	4	6	2	23.6
395103		3.32	0.043		<0.5	0.14	7	10	0.5	3	4.47	0.7	4	4	2	17.00
395104		2.39	<0.005		<0.5	0.08	<5	<10	<0.5	<2	1.61	0.7	2	7	1	14.00
395105		3.96	<0.005		<0.5	0.05	<5	10	<0.5	<2	2.39	0.6	1	10	1	12.05
395106		3.03	<0.005		<0.5	0.07	<5	10	<0.5	<2	2.38	0.8	1	5	<1	23.4
395107		0.09	1.275		1.3	7.75	98	120	4.5	2	2.31	2.6	19	60	61	5.27
395108		4.22	<0.005		<0.5	0.09	20	<10	<0.5	<2	0.51	<0.5	3	6	1	16.45
395109		3.01	<0.005		<0.5	0.05	<5	<10	<0.5	<2	3.24	0.5	3	5	1	19.45
395110		2.82	0.183		<0.5	0.31	<5	20	<0.5	<2	2.90	0.8	7	8	4	23.2
395111		0.32	<0.005		<0.5	0.04	<5	130	<0.5	3	18.4	<0.5	<1	<1	<1	0.19
395112		3.28	<0.005		<0.5	0.12	<5	10	<0.5	<2	7.31	0.9	1	6	<1	16.35
395113		3.73	<0.005		<0.5	0.17	<5	30	0.6	<2	3.92	0.7	4	3	2	24.5
395114		2.70	<0.005		<0.5	0.13	<5	10	0.6	<2	8.06	1.1	3	6	1	21.6
395115		3.90	0.038		<0.5	0.22	7	10	0.7	<2	2.15	0.7	6	8	2	28.7
395116		0.13	>10.0	17.15	0.8	7.78	66	310	2.7	16	2.51	1.2	21	70	238	6.21
395117		3.60	0.023		<0.5	0.14	<5	10	0.5	<2	2.35	0.7	6	4	2	24.2
395118		5.20	<0.005		<0.5	0.19	15	20	0.7	<2	1.19	<0.5	3	3	1	28.4
395119		4.64	<0.005		<0.5	0.04	<5	10	<0.5	2	1.18	<0.5	1	4	<1	19.90
395120		4.14	<0.005		<0.5	0.06	<5	10	<0.5	<2	1.85	0.7	2	1	<1	30.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130110

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395101		<10	0.04	10	2.35	6520	1	0.01	3	160	4	0.01	<5	<1	25	<20
395102		<10	0.04	10	2.44	6580	<1	0.01	3	150	7	0.01	<5	<1	25	<20
395103		<10	0.02	10	2.33	5550	1	<0.01	2	200	5	0.08	<5	<1	24	<20
395104		<10	0.01	<10	1.65	4300	<1	<0.01	2	110	7	0.08	<5	<1	9	<20
395105		<10	0.01	<10	1.87	3710	<1	<0.01	<1	70	2	0.03	<5	<1	13	<20
395106		<10	0.02	<10	2.96	7220	<1	<0.01	<1	170	2	0.04	<5	<1	15	<20
395107		30	4.18	10	1.77	441	1	3.59	71	960	169	2.67	<5	5	253	<20
395108		<10	0.02	<10	1.48	5440	<1	<0.01	<1	170	4	0.05	<5	<1	4	<20
395109		<10	0.02	10	2.43	6630	<1	<0.01	<1	180	2	0.04	<5	<1	20	<20
395110		<10	0.11	10	2.75	9030	<1	0.01	3	360	4	0.13	<5	1	26	<20
395111		<10	0.01	<10	13.25	397	<1	0.03	1	40	3	<0.01	<5	<1	132	<20
395112		<10	0.05	10	3.45	5790	<1	0.01	<1	230	3	0.01	5	<1	50	<20
395113		<10	0.04	10	1.97	9120	<1	0.01	2	220	3	0.02	<5	<1	29	<20
395114		<10	0.04	10	4.04	8790	<1	0.01	<1	390	4	0.04	5	<1	62	<20
395115		<10	0.05	10	2.85	12250	<1	0.01	1	620	5	0.10	8	<1	22	<20
395116		20	4.30	10	1.88	464	1	2.98	78	1040	66	3.39	<5	6	337	<20
395117		<10	0.05	10	2.95	9270	1	0.01	2	220	4	0.12	6	<1	23	<20
395118		<10	0.07	10	2.99	10350	<1	<0.01	1	290	2	0.11	7	<1	14	<20
395119		<10	0.02	<10	2.26	3590	<1	<0.01	<1	80	<2	0.01	<5	<1	13	<20
395120		<10	0.03	<10	3.22	6300	<1	<0.01	<1	190	2	0.03	6	<1	23	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130110

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395101		<0.01	<10	<10	19	<10	15
395102		<0.01	<10	<10	20	<10	14
395103		0.01	<10	<10	16	<10	7
395104		<0.01	<10	<10	10	<10	6
395105		<0.01	<10	<10	7	<10	7
395106		<0.01	<10	<10	9	<10	4
395107		0.49	<10	<10	62	<10	225
395108		<0.01	<10	<10	9	<10	8
395109		<0.01	<10	<10	6	<10	6
395110		0.04	<10	<10	20	<10	8
395111		<0.01	<10	<10	4	<10	25
395112		0.01	<10	<10	11	<10	3
395113		0.02	<10	<10	16	<10	6
395114		0.01	<10	<10	13	<10	4
395115		0.01	<10	<10	19	<10	10
395116		0.55	<10	<10	71	<10	71
395117		0.01	<10	<10	13	<10	6
395118		0.01	<10	<10	18	<10	5
395119		<0.01	<10	<10	6	<10	5
395120		<0.01	<10	<10	8	<10	11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130110

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
17- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130111

Projet: KAN

Bon de commande #: FAU16- 024

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130111

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395221		4.07	0.596		<0.5	0.47	13	10	0.5	<2	1.74	<0.5	7	8	36	21.6
395222		<0.02	0.700		<0.5	0.46	11	20	0.5	<2	1.64	<0.5	5	8	35	21.0
395223		3.78	<0.005		<0.5	0.38	<5	10	0.8	<2	2.10	<0.5	6	6	2	31.0
395224		3.07	0.006		<0.5	0.16	<5	10	0.5	<2	2.64	0.5	<1	4	1	19.85
395225		3.34	<0.005		<0.5	0.12	9	<10	<0.5	<2	5.05	0.7	1	7	1	14.70
395226		3.84	<0.005		<0.5	0.13	74	10	0.5	<2	4.59	0.6	9	7	2	19.55
395227		0.09	1.345		1.2	7.84	94	120	4.5	8	2.31	2.6	19	59	61	5.28
395228		3.40	<0.005		<0.5	0.13	9	10	0.5	<2	4.68	0.7	6	3	<1	25.3
395229		3.96	<0.005		<0.5	0.11	12	10	<0.5	<2	5.18	<0.5	5	6	1	19.80
395230		3.94	0.531		<0.5	0.21	20	10	<0.5	<2	3.85	0.5	4	5	2	25.0
395231		0.16	<0.005		<0.5	0.03	<5	60	<0.5	<2	18.1	<0.5	<1	1	1	0.25
395232		3.96	0.035		<0.5	0.25	<5	10	<0.5	<2	2.94	0.6	3	4	3	26.3
395233		4.16	<0.005		<0.5	0.17	11	10	<0.5	<2	5.47	0.9	4	4	<1	23.0
395234		4.26	0.005		<0.5	0.20	15	10	<0.5	<2	3.41	0.9	5	5	2	26.3
395235		3.83	0.005		<0.5	0.20	32	10	1.1	<2	5.22	0.9	6	4	1	27.3
395236		0.07	>10.0	18.05	0.8	7.58	64	310	2.7	20	2.46	1.0	22	69	235	6.16
395237		4.75	<0.005		<0.5	0.13	14	10	0.5	<2	5.94	1.1	5	5	4	21.1
395238		3.47	<0.005		<0.5	0.09	6	10	<0.5	<2	5.55	<0.5	2	5	1	18.70
395239		3.82	<0.005		<0.5	0.12	<5	10	<0.5	3	7.76	0.5	1	5	<1	17.85
395240		3.30	<0.005		<0.5	0.06	<5	10	0.5	2	6.16	0.8	1	4	<1	22.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130111

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395221		<10	0.09	10	2.04	12300	<1	<0.01	5	420	6	0.15	<5	1	25	<20
395222		<10	0.08	<10	1.93	11900	<1	<0.01	7	400	4	0.14	5	1	24	<20
395223		<10	0.03	10	2.01	10950	1	<0.01	5	640	7	0.05	<5	1	17	<20
395224		<10	0.03	10	2.19	7730	<1	<0.01	<1	360	3	0.03	<5	<1	18	<20
395225		<10	0.02	10	2.35	5750	<1	<0.01	2	330	5	0.05	<5	<1	33	<20
395226		<10	0.03	10	3.09	7470	<1	<0.01	3	270	<2	0.12	<5	<1	30	<20
395227		30	4.22	10	1.75	435	1	3.60	69	950	140	2.67	<5	5	252	<20
395228		<10	0.04	10	3.70	9160	<1	<0.01	2	240	9	0.04	<5	<1	32	<20
395229		<10	0.02	10	3.40	7210	<1	<0.01	2	340	4	0.05	<5	<1	37	<20
395230		<10	0.02	10	3.53	9020	<1	<0.01	3	260	6	0.14	<5	1	37	<20
395231		<10	0.04	<10	12.35	336	<1	0.06	<1	40	11	<0.01	<5	<1	102	<20
395232		<10	0.04	10	2.59	9800	1	<0.01	2	860	4	0.07	5	1	30	<20
395233		<10	0.02	10	2.83	9660	<1	<0.01	<1	370	5	0.02	5	<1	37	<20
395234		<10	0.02	10	2.21	11750	<1	0.01	2	410	4	0.01	<5	1	24	<20
395235		<10	0.02	10	3.65	12000	<1	<0.01	<1	700	5	0.03	<5	1	31	<20
395236		20	4.23	10	1.85	463	1	2.91	77	1020	62	3.41	5	5	330	<20
395237		<10	0.02	10	3.75	8610	<1	<0.01	4	270	3	0.06	<5	<1	32	<20
395238		<10	0.04	<10	3.63	6100	<1	<0.01	5	150	4	0.02	<5	<1	29	<20
395239		<10	0.05	<10	4.02	5300	<1	<0.01	<1	120	2	<0.01	<5	<1	51	<20
395240		<10	0.01	10	3.93	6400	<1	<0.01	1	360	3	<0.01	<5	<1	41	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130111

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395221		0.03	<10	<10	22	<10	11
395222		0.03	<10	<10	21	<10	12
395223		0.02	<10	<10	32	<10	7
395224		0.01	<10	<10	17	<10	3
395225		0.01	<10	<10	16	<10	2
395226		0.01	<10	<10	14	<10	3
395227		0.48	<10	<10	61	<10	224
395228		0.01	<10	<10	12	<10	6
395229		0.01	<10	<10	10	<10	5
395230		0.01	<10	<10	16	<10	26
395231		<0.01	<10	<10	3	<10	29
395232		0.01	<10	<10	25	<10	13
395233		0.01	<10	<10	12	<10	7
395234		0.02	<10	<10	13	<10	8
395235		0.02	<10	<10	14	<10	5
395236		0.54	<10	<10	71	<10	72
395237		0.01	<10	<10	10	<10	7
395238		0.01	<10	<10	9	<10	6
395239		0.01	<10	<10	14	<10	6
395240		0.01	<10	<10	10	<10	8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130111

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130113

Projet: KAN

Bon de commande #: FAU16- 025

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130113

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395241		3.99	0.183		<0.5	0.08	<5	10	<0.5	4	4.26	1.2	4	3	3	26.2
395242		<0.02	0.091		<0.5	0.08	<5	10	<0.5	2	4.17	1.1	6	4	1	26.2
395243		1.07	2.34		0.5	0.08	5	<10	<0.5	2	2.42	0.9	3	6	7	19.55
395244		1.71	<0.005		<0.5	0.10	<5	10	<0.5	5	3.39	0.8	3	3	<1	22.1
395245		4.87	<0.005		<0.5	0.10	<5	10	0.5	<2	2.67	0.7	4	5	<1	21.1
395246		4.38	<0.005		<0.5	0.11	<5	10	0.5	<2	2.02	0.7	3	6	2	21.2
395247		0.09	1.340		1.0	7.93	101	120	4.7	4	2.30	2.7	20	64	63	5.36
395248		3.68	<0.005		<0.5	0.10	<5	10	0.5	<2	1.36	<0.5	3	7	<1	18.55
395249		4.93	<0.005		<0.5	0.16	<5	10	0.7	<2	2.26	0.5	6	8	1	24.5
395250		4.59	0.127		<0.5	0.24	<5	10	0.6	<2	1.57	0.7	5	9	2	23.8
381901		0.27	0.005		<0.5	0.06	<5	80	<0.5	2	16.9	<0.5	<1	2	<1	0.29
381902		4.40	0.049		<0.5	0.09	<5	10	<0.5	<2	5.85	0.7	4	5	1	19.25
381903		2.20	2.17		<0.5	0.23	<5	10	<0.5	<2	5.32	0.6	2	9	<1	18.10
381904		3.55	<0.005		<0.5	0.13	<5	10	<0.5	<2	3.58	0.8	6	6	1	20.5
381905		2.65	<0.005		<0.5	0.19	18	10	0.7	<2	4.37	0.8	8	6	1	26.6
381906		0.08	>10.0	17.60	0.8	7.81	71	320	2.8	20	2.50	1.0	24	74	252	6.33
381907		3.18	<0.005		<0.5	0.13	<5	10	0.5	<2	4.87	0.8	6	4	<1	22.4
381908		3.04	<0.005		<0.5	0.09	<5	10	<0.5	<2	2.78	0.6	3	5	<1	22.8
381909		1.97	<0.005		<0.5	0.11	<5	10	0.5	<2	2.98	<0.5	3	7	<1	19.00
381910		3.90	0.005		<0.5	0.07	<5	10	<0.5	<2	2.92	0.8	6	4	<1	25.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130113

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395241		<10	0.02	<10	3.18	7100	<1	<0.01	3	240	4	0.22	<5	<1	43	<20
395242		<10	0.02	10	3.19	7070	<1	<0.01	<1	250	4	0.19	<5	<1	41	<20
395243		<10	0.01	<10	1.59	5580	<1	<0.01	1	280	5	0.34	<5	<1	26	<20
395244		<10	0.02	<10	2.98	6280	<1	<0.01	2	220	3	0.01	<5	<1	26	<20
395245		<10	0.03	<10	2.85	6260	<1	<0.01	1	210	4	0.03	<5	<1	20	<20
395246		<10	0.02	<10	2.70	6530	<1	<0.01	4	230	2	0.04	<5	<1	15	<20
395247		30	4.30	10	1.79	457	1	3.64	72	1000	150	2.84	<5	5	258	<20
395248		<10	0.02	<10	2.12	5770	<1	<0.01	<1	200	3	0.05	<5	<1	11	<20
395249		<10	0.04	10	3.06	7480	<1	0.01	5	210	3	0.07	<5	<1	20	<20
395250		<10	0.05	10	2.87	7320	1	0.01	5	220	5	0.18	<5	<1	15	<20
381901		<10	0.03	<10	12.50	372	<1	0.04	1	40	8	<0.01	<5	<1	98	<20
381902		<10	0.02	<10	3.38	5730	<1	0.01	3	170	3	0.06	<5	<1	61	<20
381903		<10	0.06	10	2.83	5370	<1	0.01	2	70	4	<0.01	5	<1	55	<20
381904		<10	0.05	10	2.73	8310	<1	<0.01	3	260	6	0.03	<5	<1	23	<20
381905		<10	0.07	10	3.34	11850	<1	0.01	5	500	5	0.03	<5	<1	31	<20
381906		20	4.29	10	1.86	484	1	2.97	82	1070	64	3.71	<5	5	343	<20
381907		<10	0.05	10	3.41	8830	<1	0.01	3	380	4	0.03	<5	<1	31	<20
381908		<10	0.03	<10	3.11	7430	<1	<0.01	2	170	5	0.02	<5	<1	17	<20
381909		<10	0.03	<10	2.64	6870	<1	0.01	4	180	4	0.03	<5	<1	20	<20
381910		<10	0.03	<10	3.58	8070	<1	<0.01	4	190	4	0.01	<5	<1	17	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130113

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395241		0.01	<10	<10	10	<10	13
395242		0.01	<10	<10	10	<10	12
395243		<0.01	<10	<10	10	<10	12
395244		0.01	<10	<10	13	<10	8
395245		0.01	<10	<10	12	<10	6
395246		0.01	<10	<10	13	<10	7
395247		0.51	<10	<10	65	<10	224
395248		0.01	<10	<10	11	<10	5
395249		0.01	<10	<10	17	<10	6
395250		0.01	<10	<10	19	<10	10
381901		<0.01	<10	<10	3	10	45
381902		0.01	<10	<10	10	<10	10
381903		0.01	<10	<10	20	<10	9
381904		0.01	10	<10	11	<10	5
381905		0.02	<10	<10	15	<10	8
381906		0.57	10	<10	75	<10	73
381907		0.01	<10	<10	10	<10	6
381908		0.01	<10	<10	10	<10	5
381909		0.01	<10	<10	11	<10	4
381910		0.01	<10	<10	10	<10	6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130113

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130115

Projet: KAN

Bon de commande #: FAU16- 028

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130115

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398201		4.62	<0.005		<0.5	0.27	<5	10	<0.5	2	9.01	1.0	5	9	114	17.75
398202		<0.02	<0.005		<0.5	0.25	<5	10	<0.5	3	8.69	1.0	5	9	112	17.25
398203		6.21	0.005		<0.5	0.39	<5	10	<0.5	<2	9.43	1.1	16	13	91	16.85
398204		2.39	<0.005		<0.5	0.48	<5	10	<0.5	<2	5.22	1.0	2	16	68	15.00
398205		5.19	0.007		<0.5	0.16	<5	<10	<0.5	6	6.87	0.7	5	8	39	13.20
398206		5.61	0.012		<0.5	0.20	<5	10	<0.5	4	6.07	0.9	2	21	64	17.80
398207		0.08	1.310		1.0	7.68	102	120	4.3	2	2.30	2.6	18	62	60	5.13
398208		6.18	<0.005		<0.5	0.46	<5	<10	<0.5	7	9.70	0.9	<1	11	40	17.50
398209		4.01	0.005		<0.5	0.11	<5	10	<0.5	<2	5.41	<0.5	<1	8	14	11.70
398210		3.81	0.084		<0.5	0.15	<5	10	<0.5	<2	5.96	0.7	1	7	34	15.15
398211		0.24	<0.005		<0.5	0.21	5	130	<0.5	4	17.4	<0.5	<1	2	2	0.30
398212		3.90	0.153		<0.5	0.22	<5	20	<0.5	<2	7.97	0.6	<1	5	6	19.70
398213		4.07	0.103		<0.5	0.16	<5	20	<0.5	<2	8.36	0.8	<1	5	4	18.90
398214		4.26	0.436		<0.5	0.13	<5	10	<0.5	3	9.11	0.5	<1	5	6	15.50
398215		5.01	0.156		<0.5	0.09	<5	10	<0.5	<2	8.71	0.5	<1	5	1	17.05
398216		0.07	>10.0	18.30	0.8	7.97	68	320	2.8	17	2.58	1.1	21	75	240	6.39
398217		4.69	0.012		<0.5	0.17	<5	10	<0.5	<2	8.41	0.6	<1	5	9	16.60
398218		5.81	0.059		<0.5	0.19	<5	10	<0.5	2	9.81	0.9	<1	4	12	18.45
398219		5.95	2.30		<0.5	0.22	<5	20	<0.5	2	10.95	0.9	<1	6	6	19.90
398220		5.36	0.137		<0.5	0.15	<5	10	<0.5	7	7.95	0.8	<1	4	2	18.75

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130115

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398201		<10	0.04	10	4.44	6140	1	0.02	35	450	8	4.70	<5	1	158	<20
398202		<10	0.03	10	4.33	5900	1	0.01	33	430	6	4.52	<5	1	153	<20
398203		<10	0.03	10	4.39	5430	4	0.01	23	340	5	3.98	<5	1	156	<20
398204		<10	0.03	10	2.91	4370	4	0.01	20	350	4	2.96	<5	1	86	<20
398205		<10	0.03	10	3.09	4370	1	0.01	10	380	2	1.99	<5	<1	97	<20
398206		<10	0.03	10	3.44	5380	1	0.01	19	360	2	3.17	5	<1	92	<20
398207		20	4.01	10	1.72	446	1	3.46	70	930	147	2.67	<5	5	248	<20
398208		<10	0.03	10	4.61	5420	2	0.01	8	380	6	1.93	<5	1	158	<20
398209		<10	0.03	<10	2.69	3410	1	0.01	7	190	3	0.71	<5	<1	60	<20
398210		<10	0.03	10	2.74	3880	2	0.01	8	350	<2	1.66	6	<1	63	<20
398211		<10	0.13	<10	12.35	392	1	0.14	<1	120	5	0.01	<5	<1	144	<20
398212		<10	0.04	10	3.39	5390	1	0.01	1	410	4	0.39	<5	<1	73	<20
398213		<10	0.03	10	3.71	5130	1	<0.01	<1	330	<2	0.30	<5	<1	72	<20
398214		<10	0.01	10	3.67	4320	1	0.01	1	240	3	0.23	<5	<1	84	<20
398215		<10	0.01	10	3.95	4710	<1	<0.01	1	380	<2	0.07	<5	<1	64	<20
398216		20	4.23	10	1.93	483	1	2.93	78	1040	72	3.70	<5	6	337	<20
398217		<10	0.03	<10	3.93	4670	1	0.01	2	270	2	0.43	<5	<1	96	<20
398218		<10	0.04	10	4.18	5410	1	<0.01	6	480	<2	0.94	<5	<1	114	<20
398219		<10	0.04	10	4.72	6040	1	<0.01	1	290	5	0.47	5	<1	122	<20
398220		<10	0.02	10	3.83	5580	<1	<0.01	<1	290	<2	0.22	<5	<1	81	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130115

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398201		0.01	<10	<10	17	<10	41
398202		<0.01	<10	<10	16	<10	39
398203		0.01	<10	<10	30	<10	41
398204		0.01	<10	<10	36	<10	46
398205		<0.01	<10	<10	10	<10	26
398206		<0.01	<10	<10	13	<10	41
398207		0.49	<10	<10	61	<10	233
398208		0.01	<10	<10	35	<10	38
398209		<0.01	<10	<10	10	<10	23
398210		<0.01	<10	<10	11	<10	18
398211		<0.01	10	<10	3	<10	29
398212		0.01	<10	<10	16	<10	19
398213		<0.01	<10	<10	14	<10	15
398214		<0.01	<10	<10	11	<10	16
398215		<0.01	<10	<10	9	<10	12
398216		0.57	<10	<10	74	10	68
398217		0.01	<10	<10	13	<10	14
398218		<0.01	<10	<10	14	<10	17
398219		0.01	<10	<10	16	<10	17
398220		<0.01	<10	<10	10	<10	15

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130115

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130117

Projet: KAN

Bon de commande #: FAU16- 030

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130117

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398241		3.23	<0.005		<0.5	0.04	5	10	0.6	<2	0.97	0.6	3	5	<1	25.1
398242		<0.02	<0.005		<0.5	0.04	<5	10	0.6	<2	0.97	<0.5	4	4	<1	25.1
398243		4.13	<0.005		<0.5	0.03	<5	10	0.8	3	1.03	0.5	2	4	<1	25.6
398244		2.20	<0.005		<0.5	0.03	<5	<10	0.5	3	0.97	<0.5	4	4	<1	25.0
398245		4.26	0.169		<0.5	0.06	<5	10	<0.5	<2	1.30	0.5	4	4	<1	28.0
398246		4.12	0.086		<0.5	0.11	<5	10	<0.5	2	1.54	<0.5	3	6	<1	23.6
398247		0.06	1.330		0.9	8.02	106	120	4.4	4	2.32	2.6	18	65	60	5.76
398248		3.28	0.135		<0.5	0.08	<5	10	<0.5	<2	1.40	0.5	3	9	1	26.2
398249		3.09	<0.005		<0.5	0.05	<5	<10	<0.5	6	1.80	0.7	4	6	<1	27.5
398250		3.11	<0.005		<0.5	0.06	<5	10	<0.5	<2	2.01	0.9	4	2	<1	33.7
398251		0.17	<0.005		<0.5	0.06	<5	1440	<0.5	2	18.4	<0.5	<1	1	1	0.32
398252		3.91	0.051		<0.5	0.16	<5	20	<0.5	6	1.44	0.5	3	6	2	23.4
398253		4.39	0.114		<0.5	0.11	<5	90	<0.5	<2	1.72	0.9	3	5	14	24.1
398254		5.30	<0.005		<0.5	0.08	<5	20	<0.5	<2	1.98	<0.5	2	4	<1	28.5
398255		4.82	<0.005		<0.5	0.08	<5	10	<0.5	3	1.14	<0.5	3	7	<1	25.0
398256		0.08	>10.0	NSS	0.9	7.61	59	350	2.7	18	2.46	0.9	20	70	234	6.03
398257		3.69	<0.005		<0.5	0.04	<5	10	<0.5	2	0.63	<0.5	3	7	6	24.7
398258		6.11	0.380		<0.5	0.04	<5	10	<0.5	<2	1.04	0.7	1	6	<1	28.5
398259		4.23	<0.005		<0.5	0.32	22	10	<0.5	7	4.30	0.6	3	11	2	16.10
398260		4.56	<0.005		<0.5	0.50	<5	20	<0.5	3	2.54	0.5	5	16	3	17.10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130117

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398241		<10	0.01	10	2.64	5750	<1	<0.01	<1	170	2	0.03	<5	<1	14	<20
398242		<10	0.01	10	2.67	5700	<1	<0.01	<1	160	3	0.03	<5	<1	14	<20
398243		<10	0.02	10	2.83	6270	<1	<0.01	<1	190	<2	<0.01	<5	<1	15	<20
398244		<10	0.01	10	2.46	5960	<1	<0.01	<1	110	4	<0.01	<5	<1	14	<20
398245		<10	0.02	10	3.17	6890	1	<0.01	<1	140	3	0.11	<5	<1	22	<20
398246		<10	0.02	10	2.42	5060	<1	<0.01	<1	110	3	0.08	<5	<1	37	<20
398247		20	4.00	10	1.73	540	<1	3.43	69	920	151	2.65	<5	5	251	<20
398248		<10	0.02	10	2.94	6730	<1	<0.01	<1	100	3	0.08	<5	<1	32	<20
398249		<10	0.01	10	2.57	7070	<1	<0.01	<1	200	6	0.01	8	<1	38	<20
398250		<10	0.01	<10	3.89	8010	<1	<0.01	1	150	2	0.03	<5	<1	50	<20
398251		<10	0.03	<10	12.50	395	1	0.02	<1	40	3	0.03	<5	<1	173	<20
398252		<10	0.03	10	2.42	7460	<1	<0.01	<1	150	<2	0.08	<5	<1	40	<20
398253		<10	0.03	10	2.45	7080	<1	<0.01	2	70	9	0.49	<5	<1	47	<20
398254		<10	0.02	10	3.73	6810	<1	<0.01	<1	70	<2	<0.01	<5	<1	56	<20
398255		<10	0.02	10	2.98	5760	<1	<0.01	<1	180	2	<0.01	<5	<1	26	<20
398256		20	4.10	10	1.84	460	<1	2.84	77	1010	65	3.45	<5	6	328	<20
398257		<10	0.01	<10	2.00	5670	<1	<0.01	1	100	4	0.34	<5	<1	15	<20
398258		<10	0.01	10	3.42	6810	<1	<0.01	<1	100	<2	0.04	<5	<1	22	<20
398259		<10	0.04	<10	2.62	8460	<1	<0.01	6	270	2	0.06	<5	1	80	<20
398260		<10	0.04	10	2.10	11300	<1	<0.01	7	450	2	0.06	<5	2	39	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130117

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398241		<0.01	<10	<10	12	<10	7
398242		<0.01	<10	<10	12	<10	7
398243		<0.01	<10	<10	11	<10	3
398244		<0.01	<10	<10	8	<10	3
398245		<0.01	<10	<10	10	<10	5
398246		<0.01	<10	<10	8	<10	11
398247		0.49	<10	<10	60	<10	223
398248		<0.01	<10	<10	9	<10	9
398249		<0.01	<10	<10	8	<10	6
398250		<0.01	<10	<10	10	<10	12
398251		<0.01	<10	<10	2	<10	22
398252		<0.01	<10	<10	11	<10	15
398253		<0.01	<10	<10	11	<10	16
398254		<0.01	<10	<10	13	<10	9
398255		<0.01	<10	<10	11	<10	9
398256		0.56	<10	<10	71	<10	69
398257		<0.01	<10	<10	8	<10	19
398258		<0.01	<10	<10	8	<10	10
398259		0.04	<10	<10	26	<10	12
398260		0.07	<10	<10	36	<10	16

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130117

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.
Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130120

Projet: KAN

Bon de commande #: FAU16- 031

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130120

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398261		4.30	<0.005		<0.5	1.18	<5	20	0.5	<2	3.14	0.7	11	29	4	22.2
398262		<0.02	0.006		<0.5	1.15	<5	20	0.5	2	3.10	0.8	10	28	4	21.8
398263		4.19	0.015		<0.5	1.00	9	30	<0.5	<2	1.83	<0.5	7	40	5	20.6
398264		5.86	0.738		<0.5	0.27	<5	20	<0.5	<2	1.28	<0.5	7	9	4	24.2
398265		5.30	0.284		<0.5	0.11	<5	10	<0.5	<2	1.71	<0.5	2	7	3	22.3
398266		5.80	0.067		<0.5	0.43	<5	30	<0.5	<2	0.82	<0.5	7	12	3	25.7
398267		0.05	1.215		1.0	7.93	104	120	4.4	7	2.30	2.9	18	61	59	5.37
398268		5.81	0.217		<0.5	0.24	<5	20	<0.5	5	1.15	0.5	7	9	19	24.8
398269		2.71	0.276		<0.5	0.08	<5	10	<0.5	<2	1.01	0.5	5	5	22	26.2
398270		3.45	1.590		<0.5	0.45	<5	10	<0.5	<2	2.26	0.6	4	9	31	18.55
398271		0.18	<0.005		<0.5	0.03	<5	60	<0.5	<2	15.4	<0.5	<1	4	1	0.43
398272		4.42	0.242		<0.5	0.27	<5	10	<0.5	<2	1.50	<0.5	5	10	25	17.55
398273		3.30	0.215		<0.5	0.04	<5	<10	<0.5	<2	1.35	0.5	4	3	2	27.3
398274		4.18	2.44		<0.5	0.07	<5	10	<0.5	<2	1.22	0.6	4	4	3	25.7
398275		4.48	<0.005		<0.5	0.04	<5	<10	<0.5	3	1.16	<0.5	2	5	<1	23.4
398276		0.20	>10.0	17.55	1.1	7.57	59	300	2.6	27	2.40	0.7	21	73	229	6.15
398277		3.13	<0.005		<0.5	0.05	<5	<10	<0.5	<2	0.83	<0.5	2	3	1	21.2
398278		4.35	0.141		<0.5	0.07	<5	10	<0.5	<2	0.78	<0.5	3	15	14	16.25
398279		5.39	<0.005		<0.5	0.03	<5	<10	<0.5	<2	1.10	<0.5	3	11	<1	21.8
398280		3.10	<0.005		<0.5	0.03	<5	<10	0.5	<2	0.68	<0.5	3	6	<1	22.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130120

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398261		10	0.04	10	2.44	14750	1	0.01	15	580	5	0.12	<5	3	56	<20
398262		10	0.04	10	2.40	14500	1	0.01	14	580	4	0.11	<5	3	56	<20
398263		10	0.12	10	2.09	13050	1	0.01	9	470	3	0.15	<5	3	35	<20
398264		<10	0.05	10	2.89	6890	<1	0.01	2	120	5	0.20	<5	1	32	<20
398265		<10	0.01	10	2.73	6310	<1	<0.01	<1	100	3	0.12	<5	<1	45	<20
398266		<10	0.14	10	2.29	11200	1	0.01	2	880	3	0.17	<5	1	23	<20
398267		30	4.10	10	1.77	461	1	3.54	71	950	143	2.75	7	5	255	<20
398268		<10	0.06	10	2.00	8310	1	0.01	3	220	6	1.01	<5	1	35	<20
398269		<10	0.02	10	2.23	7080	1	<0.01	2	160	4	0.87	<5	<1	25	<20
398270		<10	0.08	10	2.42	4880	<1	<0.01	<1	70	4	1.83	<5	1	70	<20
398271		<10	0.02	<10	11.85	404	1	0.02	<1	60	<2	0.01	6	<1	120	<20
398272		<10	0.02	<10	2.05	4590	<1	<0.01	<1	100	4	1.65	<5	1	44	<20
398273		<10	0.01	10	3.26	7500	<1	<0.01	<1	120	3	0.09	<5	<1	26	<20
398274		<10	0.02	10	3.01	6920	1	<0.01	<1	110	4	0.14	<5	<1	26	<20
398275		<10	0.01	10	2.72	5140	<1	<0.01	<1	170	5	0.01	<5	<1	16	<20
398276		20	4.11	10	1.84	459	1	2.88	78	990	61	3.42	<5	5	328	<20
398277		<10	0.02	<10	2.03	5200	<1	0.01	<1	130	<2	0.02	<5	<1	14	<20
398278		<10	0.03	<10	1.38	2740	<1	0.01	1	50	65	0.50	<5	<1	21	<20
398279		<10	0.01	<10	2.65	3700	<1	<0.01	<1	60	5	0.01	5	<1	20	<20
398280		<10	0.01	<10	2.02	4480	<1	<0.01	<1	150	<2	0.01	<5	<1	13	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130120

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398261		0.13	<10	<10	84	<10	27
398262		0.13	<10	<10	82	<10	27
398263		0.10	<10	<10	56	<10	26
398264		0.02	10	<10	19	<10	11
398265		<0.01	<10	<10	9	<10	8
398266		0.03	<10	<10	24	<10	18
398267		0.49	10	<10	62	<10	234
398268		0.01	<10	<10	16	<10	14
398269		<0.01	<10	<10	10	<10	16
398270		<0.01	<10	<10	16	<10	22
398271		<0.01	<10	<10	3	<10	21
398272		<0.01	<10	<10	12	<10	17
398273		<0.01	<10	<10	9	<10	11
398274		<0.01	<10	<10	9	<10	11
398275		<0.01	<10	<10	7	<10	4
398276		0.55	<10	<10	70	<10	72
398277		<0.01	<10	<10	7	<10	8
398278		<0.01	<10	<10	7	<10	24
398279		<0.01	<10	<10	6	<10	5
398280		<0.01	<10	<10	6	<10	7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130120

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130121

Projet: KAN

Bon de commande #: FAU16- 032

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
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BUREAU 200
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130121

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398281		4.46	0.005		<0.5	0.05	<5	10	<0.5	<2	0.94	0.5	5	5	1	24.7
398282		<0.02	<0.005		<0.5	0.05	<5	10	<0.5	<2	0.90	0.5	6	5	1	24.0
398283		5.68	1.035		<0.5	0.31	9	20	<0.5	<2	1.36	0.7	3	8	4	19.50
398284		4.28	1.660		<0.5	0.30	<5	40	0.5	<2	1.02	<0.5	11	10	18	30.3
398285		1.96	0.547		<0.5	0.14	<5	10	<0.5	<2	1.03	<0.5	4	6	12	26.2
398286		1.95	1.850		<0.5	0.19	<5	10	<0.5	<2	1.13	<0.5	4	5	10	27.1
398287		0.06	1.345		1.1	7.68	103	120	4.5	2	2.23	2.6	20	62	58	5.21
398288		1.47	0.832		<0.5	0.24	<5	10	<0.5	<2	1.47	0.5	4	7	10	19.95
398289		3.23	0.098		<0.5	0.33	<5	20	<0.5	<2	1.13	<0.5	8	6	48	19.05
398290		2.87	0.250		<0.5	0.47	<5	30	<0.5	<2	3.66	0.9	2	5	16	18.55
398291		0.16	<0.005		<0.5	0.03	<5	80	<0.5	2	18.0	<0.5	<1	2	<1	0.29
398292		2.14	1.975		<0.5	1.02	<5	100	0.8	<2	1.87	<0.5	12	19	25	30.5
398293		2.33	0.042		<0.5	0.15	<5	10	0.5	<2	1.41	0.5	3	5	1	30.7
398294		4.38	0.020		<0.5	0.18	<5	10	<0.5	<2	1.55	0.6	2	7	1	23.3
398295		6.16	0.017		<0.5	0.21	<5	20	0.5	<2	1.90	0.5	5	8	2	24.3
398296		0.09	>10.0	17.95	0.8	7.60	68	320	2.8	14	2.42	0.9	23	74	259	6.13
398297		4.22	0.028		<0.5	0.13	<5	10	<0.5	<2	2.11	0.5	4	7	2	20.8
398298		4.98	0.005		<0.5	0.20	<5	20	0.7	<2	2.75	<0.5	7	5	1	29.7
398299		4.94	0.006		<0.5	0.16	<5	10	0.6	<2	2.52	0.7	3	7	<1	17.85
398300		3.81	<0.005		<0.5	0.13	<5	10	<0.5	<2	2.02	<0.5	4	8	<1	15.85

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130121

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398281		<10	0.02	<10	2.83	5200	<1	<0.01	3	180	<2	0.02	<5	<1	20	<20
398282		<10	0.02	<10	2.76	5090	<1	<0.01	4	160	2	0.02	<5	<1	18	<20
398283		<10	0.06	<10	2.17	5650	<1	<0.01	1	140	4	0.16	<5	<1	41	<20
398284		<10	0.10	10	3.35	11450	<1	<0.01	4	550	4	1.13	<5	1	26	<20
398285		<10	0.02	10	2.43	5890	<1	<0.01	1	130	4	0.45	<5	<1	27	<20
398286		<10	0.06	<10	3.40	6720	<1	<0.01	2	80	<2	0.57	<5	<1	29	<20
398287		30	4.15	10	1.76	449	1	3.56	72	970	150	2.77	<5	5	250	<20
398288		<10	0.02	<10	2.04	4390	<1	<0.01	2	40	3	0.31	<5	<1	36	<20
398289		<10	0.09	10	1.23	3640	<1	<0.01	5	40	3	2.68	<5	<1	37	<20
398290		<10	0.17	<10	2.60	5490	<1	<0.01	1	50	3	0.56	<5	1	139	<20
398291		<10	0.01	<10	12.30	374	<1	0.03	<1	20	12	<0.01	<5	<1	118	<20
398292		<10	0.29	20	3.16	10800	1	<0.01	8	3830	10	0.93	<5	2	63	<20
398293		<10	0.02	10	1.52	11050	1	<0.01	2	270	6	0.06	<5	<1	21	<20
398294		<10	0.06	10	2.44	6580	<1	<0.01	3	180	3	0.13	<5	<1	21	<20
398295		<10	0.08	10	2.76	6360	<1	0.01	4	240	3	0.20	<5	<1	26	<20
398296		20	4.31	10	1.88	468	1	2.98	80	1050	64	3.58	<5	5	336	<20
398297		<10	0.04	10	2.36	6050	<1	0.01	3	260	5	0.16	<5	<1	30	<20
398298		<10	0.06	10	3.28	8440	<1	0.01	4	290	8	0.09	<5	<1	39	<20
398299		<10	0.05	10	2.28	5140	<1	0.01	1	200	3	0.06	<5	<1	31	<20
398300		<10	0.02	<10	1.80	4700	<1	<0.01	2	160	2	0.05	<5	<1	25	<20

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130121

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398281		<0.01	<10	<10	8	<10	11
398282		<0.01	<10	<10	9	<10	10
398283		0.01	<10	<10	18	<10	14
398284		0.04	<10	<10	22	<10	22
398285		<0.01	<10	<10	13	<10	11
398286		<0.01	<10	<10	13	<10	19
398287		0.50	<10	<10	63	<10	225
398288		<0.01	<10	<10	17	<10	12
398289		<0.01	<10	<10	18	<10	18
398290		<0.01	<10	<10	24	<10	25
398291		<0.01	<10	<10	3	<10	31
398292		0.07	<10	10	51	<10	30
398293		0.01	<10	<10	19	<10	10
398294		0.01	<10	<10	21	<10	8
398295		0.01	10	<10	23	<10	8
398296		0.57	<10	<10	75	<10	71
398297		0.01	<10	<10	16	<10	8
398298		0.01	<10	<10	20	<10	8
398299		0.01	<10	<10	15	<10	5
398300		0.01	<10	<10	14	<10	7

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130121

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130152

Projet: KAN

Bon de commande #: FAU16- 09

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
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Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICAT D'ANALYSE VO16130152

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
395041		2.57	0.077		<0.5	0.27	129	10	<0.5	<2	0.40	<0.5	4	12	58	23.0
395042		<0.02	0.064		<0.5	0.26	120	10	<0.5	3	0.41	<0.5	4	12	60	23.3
395043		3.26	3.82		0.5	0.55	125	<10	<0.5	3	1.97	0.6	6	7	120	16.10
395044		4.52	0.165		0.6	0.66	313	<10	<0.5	4	2.93	<0.5	6	10	146	19.35
395045		4.80	1.185		0.6	0.61	348	<10	<0.5	<2	3.03	0.7	4	14	118	16.40
395046		3.25	0.160		<0.5	0.36	90	20	<0.5	<2	1.02	0.5	8	9	15	27.4
395047		0.06	1.240		1.1	8.38	106	120	4.6	4	2.46	4.1	20	62	64	5.48
395048		5.35	<0.005		<0.5	0.24	9	20	<0.5	3	0.90	<0.5	9	10	6	27.0
395049		7.36	0.010		<0.5	0.62	11	20	<0.5	<2	0.97	0.5	8	24	4	25.7
395050		2.89	0.016		<0.5	0.13	64	<10	<0.5	<2	1.12	0.7	2	9	1	25.1
395051		0.11	<0.005		<0.5	0.05	<5	90	<0.5	<2	17.3	<0.5	<1	4	1	0.60
395052		3.08	0.006		<0.5	0.08	15	10	<0.5	2	5.42	0.6	4	5	2	20.0
395053		4.05	0.017		<0.5	0.15	<5	30	<0.5	3	6.49	0.7	1	11	1	22.1
395054		6.20	<0.005		<0.5	0.17	13	20	<0.5	5	4.43	0.6	3	8	1	24.1
395055		5.32	0.334		<0.5	0.27	136	30	<0.5	<2	4.23	0.7	4	9	9	20.8
395056		0.08	>10.0	17.30	1.0	8.00	72	320	2.7	23	2.56	0.8	22	70	265	6.31
395057		4.62	0.048		<0.5	0.13	34	20	<0.5	<2	1.54	0.7	2	11	3	22.1
395058		5.36	0.010		<0.5	0.15	<5	20	<0.5	2	2.14	<0.5	2	9	1	22.3
395059		2.44	1.015		<0.5	0.56	214	10	<0.5	<2	2.17	<0.5	2	11	58	14.65
395060		4.23	1.785		<0.5	0.32	<5	20	<0.5	2	4.02	0.7	7	9	6	24.1

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130152

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
395041		<10	0.02	10	0.75	5510	<1	<0.01	20	430	8	0.84	<5	1	10	<20
395042		<10	0.02	10	0.77	5590	<1	<0.01	19	430	6	0.83	<5	1	11	<20
395043		<10	0.02	10	0.92	5010	<1	<0.01	60	220	5	4.63	<5	1	55	<20
395044		<10	0.01	10	1.46	5440	<1	<0.01	70	290	7	6.36	5	1	82	<20
395045		<10	0.01	10	1.28	5990	1	0.01	60	230	4	4.17	<5	2	94	<20
395046		<10	0.04	10	2.54	10200	<1	<0.01	11	420	<2	0.21	<5	1	28	<20
395047		30	4.30	10	1.81	472	1	3.64	73	1020	156	2.86	5	5	269	<20
395048		<10	0.02	10	2.42	9000	1	<0.01	5	380	4	0.09	<5	<1	21	<20
395049		<10	0.02	10	2.97	10550	<1	<0.01	7	460	<2	0.32	<5	1	21	<20
395050		<10	0.01	10	2.64	8450	<1	<0.01	3	330	2	0.09	<5	<1	20	<20
395051		<10	0.02	<10	11.75	439	<1	0.03	<1	20	7	<0.01	<5	<1	142	<20
395052		<10	0.01	10	3.65	6290	<1	<0.01	4	180	4	0.09	5	<1	80	<20
395053		<10	0.03	10	3.15	7940	<1	<0.01	4	220	4	0.06	<5	<1	90	<20
395054		<10	0.03	10	2.76	8190	1	<0.01	5	330	3	0.03	<5	<1	63	<20
395055		<10	0.04	10	3.03	7290	<1	<0.01	6	250	2	0.68	<5	1	76	<20
395056		20	4.27	10	1.90	480	1	2.97	81	1050	64	3.61	7	6	347	<20
395057		<10	0.02	10	2.92	7640	<1	<0.01	4	240	<2	0.23	<5	<1	29	<20
395058		<10	0.02	10	2.59	6560	2	<0.01	3	220	<2	0.03	<5	<1	31	<20
395059		<10	0.02	<10	1.52	4680	1	0.01	34	140	3	3.89	<5	1	82	<20
395060		<10	0.04	10	3.33	7590	<1	<0.01	7	210	3	0.56	<5	1	60	<20

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130152

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
395041		0.01	<10	<10	25	<10	46
395042		0.01	<10	<10	24	<10	48
395043		<0.01	<10	<10	20	<10	53
395044		0.01	<10	<10	23	<10	59
395045		0.01	<10	<10	19	<10	54
395046		0.02	<10	<10	22	<10	39
395047		0.51	<10	<10	66	<10	246
395048		0.02	<10	<10	19	<10	18
395049		0.05	<10	<10	42	<10	32
395050		0.01	<10	<10	12	<10	25
395051		<0.01	<10	<10	3	<10	23
395052		<0.01	<10	<10	11	<10	17
395053		0.01	<10	<10	18	<10	17
395054		0.01	<10	<10	16	<10	18
395055		0.01	<10	<10	19	<10	24
395056		0.57	<10	<10	75	<10	63
395057		0.01	<10	<10	14	<10	23
395058		0.01	<10	<10	17	<10	14
395059		0.01	<10	<10	18	<10	55
395060		0.02	<10	<10	27	<10	13

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130152

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130154

Projet: KAN

Bon de commande #: FAU16- 034

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130154

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398181		2.27	0.112		<0.5	0.31	31	10	<0.5	<2	1.09	<0.5	2	11	15	13.65
398182		<0.02	0.157		<0.5	0.32	26	10	<0.5	<2	1.09	<0.5	2	9	12	13.55
398183		3.31	3.88		0.6	0.69	10	20	<0.5	<2	0.65	<0.5	4	14	17	25.8
398184		1.99	0.055		<0.5	0.91	426	10	<0.5	3	1.96	<0.5	12	24	67	22.9
398185		2.28	0.806		<0.5	0.51	51	30	<0.5	<2	0.91	<0.5	4	18	71	21.1
398186		2.59	0.159		<0.5	0.96	227	40	<0.5	4	0.73	<0.5	6	25	73	21.9
398187		0.14	1.315		1.0	8.25	104	120	4.5	3	2.38	2.4	19	61	62	5.35
398188		2.66	0.053		<0.5	0.90	32	80	<0.5	2	0.89	<0.5	6	25	7	31.1
398189		4.69	1.075		<0.5	0.27	19	<10	<0.5	4	2.00	0.6	2	7	12	22.6
398190		2.39	0.636		<0.5	0.41	136	<10	<0.5	<2	1.85	0.5	6	12	69	19.35
398191		0.12	<0.005		<0.5	0.06	<5	50	<0.5	<2	17.0	<0.5	1	3	4	0.99
398192		3.76	0.039		0.5	1.02	32	10	<0.5	2	1.54	<0.5	9	11	136	23.2
398193		3.46	0.020		<0.5	0.18	17	10	<0.5	<2	2.22	<0.5	5	7	116	20.3
398194		6.14	1.805		<0.5	1.23	229	40	<0.5	<2	1.66	<0.5	4	13	16	20.3
398195		5.33	0.136		<0.5	0.82	99	50	<0.5	4	3.18	0.6	11	8	48	25.2
398196		0.06	>10.0	17.60	1.1	7.42	65	300	2.6	15	2.40	0.8	22	67	246	5.93
398197		5.28	0.709		<0.5	0.46	154	30	<0.5	3	1.50	<0.5	3	14	21	20.9
398198		2.70	<0.005		<0.5	0.05	<5	<10	<0.5	<2	1.02	<0.5	<1	5	2	20.3
398199		2.10	0.052		<0.5	0.31	6	10	<0.5	<2	1.45	<0.5	3	10	2	22.7
398200		4.55	0.034		<0.5	0.39	42	30	<0.5	<2	0.84	<0.5	3	12	3	25.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130154

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398181		<10	0.05	<10	1.22	5050	1	0.01	7	140	<2	0.50	<5	1	25	<20
398182		<10	0.06	<10	1.20	5010	1	0.02	9	120	3	0.44	<5	1	26	<20
398183		<10	0.09	10	2.43	12650	<1	0.03	10	370	9	0.67	<5	1	22	<20
398184		<10	0.11	10	1.77	8440	2	0.01	32	560	3	2.58	6	3	56	<20
398185		<10	0.08	10	1.52	8110	<1	<0.01	38	360	2	3.14	<5	1	31	<20
398186		<10	0.09	10	1.48	6500	<1	0.01	42	300	<2	3.29	<5	2	24	<20
398187		30	4.23	10	1.78	460	<1	3.63	72	980	150	2.75	7	5	262	<20
398188		<10	0.19	10	3.82	12700	<1	0.01	6	480	<2	0.39	<5	2	22	<20
398189		<10	0.01	10	3.00	10300	<1	0.01	7	410	2	1.01	6	1	44	<20
398190		<10	0.01	10	1.95	8820	1	0.01	47	320	6	3.45	<5	1	49	<20
398191		<10	0.03	<10	12.00	528	<1	0.04	2	50	5	0.08	<5	<1	123	<20
398192		<10	0.05	10	1.20	3530	<1	<0.01	76	310	6	2.93	<5	2	34	<20
398193		<10	0.04	10	1.16	5900	<1	<0.01	59	320	6	4.25	5	1	72	<20
398194		10	0.09	10	2.55	8320	<1	0.01	12	410	2	1.13	<5	2	56	<20
398195		<10	0.08	10	2.07	10050	1	<0.01	22	490	5	2.12	5	1	118	<20
398196		20	4.05	10	1.82	468	1	2.81	77	1020	60	3.39	6	5	323	<20
398197		<10	0.05	10	1.84	9040	<1	0.01	11	620	4	1.04	<5	1	49	<20
398198		<10	<0.01	<10	2.29	7560	1	<0.01	4	210	3	0.02	<5	<1	15	<20
398199		<10	<0.01	10	2.59	9880	1	<0.01	7	590	<2	0.15	<5	1	31	<20
398200		<10	0.03	10	2.67	11050	1	<0.01	9	490	3	0.19	<5	1	18	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130154

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398181		0.01	<10	<10	17	<10	35
398182		0.01	<10	<10	17	<10	35
398183		0.02	<10	<10	29	<10	90
398184		0.02	<10	<10	39	<10	72
398185		0.04	<10	<10	29	<10	60
398186		0.03	<10	<10	43	<10	54
398187		0.50	<10	<10	64	<10	228
398188		0.03	<10	<10	61	<10	64
398189		0.01	<10	<10	20	<10	40
398190		0.01	<10	<10	23	<10	62
398191		<0.01	<10	<10	3	<10	23
398192		0.01	<10	<10	45	<10	97
398193		<0.01	<10	<10	12	<10	46
398194		0.02	<10	<10	48	<10	73
398195		0.01	<10	<10	33	<10	57
398196		0.54	<10	<10	70	<10	67
398197		0.02	<10	<10	25	<10	37
398198		0.01	<10	<10	8	<10	11
398199		0.02	<10	<10	24	<10	22
398200		0.02	<10	<10	26	<10	36

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130154

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130156

Projet: KAN

Bon de commande #: FAU16- 035

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130156

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
394961		0.99	0.628		<0.5	0.09	74	10	<0.5	<2	0.12	<0.5	6	5	59	15.25
394962		<0.02	0.070		<0.5	0.08	73	10	<0.5	<2	0.12	<0.5	5	5	56	14.85
394963		2.24	0.106		<0.5	0.45	<5	20	<0.5	<2	1.42	<0.5	1	11	14	15.00
394964		3.43	3.47		<0.5	0.53	<5	10	<0.5	3	1.75	0.6	2	6	28	19.65
394965		3.16	0.016		<0.5	1.48	<5	20	<0.5	<2	0.72	<0.5	2	11	61	11.20
394966		2.75	0.034		<0.5	0.50	17	10	<0.5	<2	1.29	0.5	6	5	91	24.0
394967		0.07	1.300		1.1	7.79	97	120	4.4	<2	2.26	2.6	18	61	60	5.13
394968		2.98	0.012		<0.5	0.94	<5	10	<0.5	<2	0.31	<0.5	22	13	244	21.0
394969		2.12	0.016		<0.5	0.55	51	10	<0.5	<2	1.28	<0.5	6	5	88	21.4
394970		3.21	0.020		<0.5	0.46	246	10	<0.5	<2	2.64	<0.5	22	4	77	18.65
394971		0.17	<0.005		<0.5	0.03	<5	100	<0.5	6	20.0	<0.5	<1	1	3	0.43
394972		4.06	0.323		<0.5	0.40	37	10	<0.5	<2	2.96	0.5	3	9	72	26.5
394973		4.33	0.203		<0.5	0.14	83	10	<0.5	<2	0.94	0.5	6	3	15	26.2
394974		3.46	0.134		<0.5	0.10	39	<10	<0.5	<2	1.88	<0.5	1	15	67	11.90
394975		2.44	0.091		<0.5	0.08	165	10	<0.5	<2	0.90	<0.5	4	7	13	19.60
394976		0.08	>10.0	17.15	0.7	7.95	70	340	2.7	20	2.57	1.2	21	74	234	6.54
394977		3.62	0.337		<0.5	0.10	<5	10	<0.5	<2	0.51	<0.5	5	7	23	18.90
394978		2.27	0.056		<0.5	0.29	<5	20	<0.5	<2	1.09	<0.5	5	7	24	19.65
394979		4.37	0.052		<0.5	0.26	<5	20	<0.5	<2	1.13	0.5	8	5	50	27.1
394980		4.16	0.700		<0.5	0.72	<5	30	<0.5	<2	1.65	<0.5	11	4	42	23.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130156

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
394961		<10	0.02	<10	0.09	1405	13	0.01	7	160	2	0.16	<5	<1	3	<20
394962		<10	0.02	<10	0.08	1325	13	0.01	5	160	<2	0.16	<5	<1	2	<20
394963		<10	0.05	<10	1.55	3530	<1	0.01	4	30	2	0.64	<5	1	50	<20
394964		<10	0.14	10	2.29	5180	<1	0.03	6	60	4	1.13	<5	1	64	<20
394965		10	0.39	<10	0.85	1965	<1	0.04	18	10	39	2.96	<5	2	29	<20
394966		<10	0.16	10	1.84	8230	<1	0.01	33	400	4	6.18	<5	1	40	<20
394967		30	4.14	10	1.72	435	2	3.50	70	950	149	2.69	<5	5	249	<20
394968		<10	0.24	<10	0.62	1325	<1	0.02	57	20	4	10.0	<5	1	9	<20
394969		<10	0.18	10	2.04	7530	<1	0.01	29	10	3	4.94	<5	1	34	<20
394970		<10	0.16	10	2.22	6330	<1	0.01	31	30	5	5.08	<5	1	94	<20
394971		<10	0.02	<10	13.20	406	<1	0.02	3	30	6	0.13	<5	<1	154	<20
394972		<10	0.15	10	3.55	9130	<1	0.01	19	10	5	3.17	<5	1	114	<20
394973		<10	0.07	10	3.38	8520	<1	<0.01	3	30	<2	0.89	<5	<1	27	<20
394974		<10	0.04	<10	0.98	3190	<1	<0.01	20	10	2	3.33	<5	<1	71	<20
394975		<10	0.04	10	2.11	5390	<1	<0.01	4	40	<2	0.74	<5	<1	26	<20
394976		20	4.31	10	1.90	544	1	2.98	81	1090	68	3.64	<5	6	347	<20
394977		<10	0.05	10	1.88	4530	<1	0.01	5	40	<2	1.20	<5	<1	14	<20
394978		<10	0.13	10	2.22	5200	<1	0.01	4	20	<2	1.41	<5	<1	37	<20
394979		<10	0.11	10	2.38	5950	<1	0.01	15	40	3	3.14	<5	<1	31	<20
394980		<10	0.25	10	1.93	4840	<1	0.01	16	20	4	3.89	<5	1	68	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130156

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
394961		<0.01	<10	<10	6	<10	11
394962		<0.01	<10	<10	6	<10	9
394963		<0.01	<10	<10	14	<10	41
394964		<0.01	<10	<10	20	<10	57
394965		0.01	<10	<10	53	<10	69
394966		<0.01	<10	<10	18	<10	72
394967		0.48	<10	<10	62	<10	229
394968		<0.01	<10	<10	32	<10	55
394969		<0.01	<10	<10	20	<10	82
394970		<0.01	<10	<10	16	<10	61
394971		<0.01	<10	<10	4	<10	19
394972		<0.01	<10	<10	16	<10	83
394973		<0.01	<10	<10	10	<10	67
394974		<0.01	<10	<10	4	<10	27
394975		<0.01	<10	<10	5	<10	52
394976		0.57	<10	<10	75	<10	80
394977		<0.01	<10	<10	6	<10	44
394978		<0.01	<10	<10	12	<10	39
394979		<0.01	<10	<10	13	<10	35
394980		<0.01	<10	<10	27	<10	44

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130156

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130160

Projet: KAN

Bon de commande #: KAN16- 036

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130160

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
394981		4.50	0.946		<0.5	0.34	7	30	<0.5	2	1.30	<0.5	7	6	15	24.6
394982		<0.02	0.681		<0.5	0.29	5	20	<0.5	<2	1.14	0.6	5	5	14	24.3
394983		2.26	0.234		<0.5	0.10	<5	10	<0.5	<2	0.55	<0.5	2	8	11	16.25
394984		2.69	0.551		<0.5	0.26	21	20	<0.5	<2	1.78	<0.5	4	6	43	19.90
394985		3.68	0.112		<0.5	0.14	12	10	<0.5	<2	0.74	<0.5	3	10	17	9.57
394986		2.47	0.192		<0.5	0.19	119	20	<0.5	<2	2.91	0.6	4	2	20	26.8
394987		0.03	1.305		1.0	8.14	106	120	4.5	3	2.36	2.5	20	62	61	5.35
394988		3.40	0.333		<0.5	0.13	167	10	<0.5	<2	3.39	0.7	6	3	20	24.9
394989		3.09	1.020		<0.5	0.18	44	10	<0.5	<2	1.62	<0.5	5	10	19	24.8
394990		1.99	3.06		0.7	0.26	<5	10	<0.5	2	1.10	<0.5	3	2	15	28.9
394991		0.14	0.008		<0.5	0.02	<5	50	<0.5	<2	18.8	<0.5	<1	1	<1	0.50
394992		3.11	1.105		<0.5	0.06	<5	<10	<0.5	<2	1.10	<0.5	5	1	4	27.8
394993		1.77	2.00		<0.5	0.52	<5	40	<0.5	<2	1.38	0.5	3	13	19	8.27
394994		1.38	>10.0	16.30	<0.5	0.16	<5	<10	<0.5	<2	1.43	<0.5	4	7	19	19.80
394995		3.87	0.030		0.9	1.97	8	50	0.7	2	0.01	<0.5	5	42	136	24.5
394996		0.05	>10.0	17.60	0.9	7.93	68	320	2.7	18	2.52	0.7	21	70	249	6.23
394997		4.05	0.049		1.3	2.30	<5	40	0.9	<2	0.04	<0.5	6	46	82	9.28
394998		4.09	0.058		1.5	4.19	5	130	2.1	3	0.06	<0.5	7	86	103	11.30
394999		6.16	0.045		1.3	5.10	11	230	2.4	2	0.02	<0.5	4	92	57	13.10
395000		5.26	0.072		1.2	8.67	17	450	3.9	3	0.01	<0.5	2	100	46	8.26

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130160

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
394981		<10	0.07	10	2.56	6550	1	0.01	6	40	<2	1.21	<5	<1	42	<20
394982		<10	0.06	10	2.67	6450	1	0.01	4	40	2	1.19	<5	<1	35	<20
394983		<10	0.03	<10	1.38	4110	1	0.01	3	40	<2	0.74	<5	<1	17	<20
394984		<10	0.05	10	1.71	4900	1	<0.01	14	30	4	3.54	<5	<1	68	<20
394985		<10	0.04	<10	0.73	2190	<1	0.01	6	10	2	1.64	<5	<1	27	<20
394986		<10	0.04	10	3.12	8470	<1	<0.01	5	30	4	1.42	<5	<1	118	<20
394987		30	4.20	10	1.79	444	2	3.56	72	980	180	2.85	<5	5	259	<20
394988		<10	0.03	10	2.68	8450	<1	<0.01	7	150	3	1.43	<5	1	137	<20
394989		<10	0.04	10	2.62	7220	1	<0.01	6	30	<2	1.67	<5	<1	59	<20
394990		<10	0.07	10	2.26	8980	1	<0.01	1	20	3	1.15	<5	<1	39	<20
394991		<10	0.02	<10	13.90	504	<1	0.02	<1	20	5	0.01	<5	<1	226	<20
394992		<10	0.01	10	3.31	7850	<1	<0.01	2	40	3	0.27	<5	<1	23	<20
394993		<10	0.11	<10	0.79	1725	1	0.01	6	10	2	1.73	<5	<1	55	<20
394994		<10	0.01	<10	2.35	5160	1	<0.01	3	50	<2	1.91	<5	<1	51	<20
394995		10	0.73	20	0.36	651	11	0.03	8	520	20	0.57	<5	6	9	<20
394996		20	4.23	10	1.88	452	2	2.94	80	1040	67	3.57	6	6	345	<20
394997		10	0.81	20	0.61	1165	10	0.04	13	310	24	0.42	9	6	11	<20
394998		20	1.64	30	0.94	526	22	0.04	15	730	37	0.41	6	10	13	<20
394999		20	2.17	40	0.92	330	23	0.05	12	400	43	0.47	6	11	11	<20
395000		30	4.52	60	0.55	183	30	0.10	2	280	23	0.88	19	13	20	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130160

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
394981		<0.01	<10	<10	14	<10	51
394982		<0.01	<10	<10	13	<10	49
394983		<0.01	<10	<10	6	<10	24
394984		<0.01	<10	<10	10	<10	34
394985		<0.01	<10	<10	5	<10	16
394986		<0.01	<10	<10	10	<10	43
394987		0.50	<10	<10	63	<10	233
394988		<0.01	<10	<10	10	<10	30
394989		<0.01	<10	<10	10	<10	35
394990		<0.01	<10	<10	11	<10	49
394991		<0.01	<10	<10	2	<10	28
394992		<0.01	<10	<10	10	<10	26
394993		<0.01	<10	<10	17	<10	22
394994		<0.01	<10	<10	7	<10	28
394995		0.03	10	<10	91	<10	39
394996		0.56	<10	<10	73	<10	76
394997		0.04	<10	<10	104	<10	44
394998		0.11	<10	<10	162	<10	142
394999		0.13	<10	<10	185	<10	94
395000		0.24	10	<10	283	<10	49

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130160

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130161

Projet: KAN

Bon de commande #: FAU16- 037

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130161

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
381931		4.00	0.010		<0.5	0.22	<5	10	<0.5	<2	1.82	<0.5	4	10	4	21.6
381932		<0.02	0.007		<0.5	0.20	<5	10	0.5	3	1.83	<0.5	4	20	3	21.6
381933		3.33	<0.005		<0.5	0.17	<5	10	<0.5	<2	2.61	<0.5	2	9	2	19.80
381934		5.04	0.320		<0.5	0.25	<5	10	<0.5	<2	6.29	<0.5	<1	6	4	21.1
381935		5.26	0.008		<0.5	0.18	<5	10	<0.5	<2	9.39	<0.5	3	6	10	14.05
381936		3.95	0.497		<0.5	0.26	<5	20	<0.5	3	10.30	0.5	1	21	5	16.75
381937		0.02	1.305		1.1	8.03	98	120	4.3	3	2.33	2.3	18	61	62	5.14
381938		4.18	1.945		<0.5	0.37	<5	10	<0.5	<2	9.28	<0.5	2	6	10	17.55
381939		7.26	0.130		<0.5	0.18	<5	10	<0.5	<2	5.79	<0.5	1	12	3	14.30
381940		2.81	0.119		<0.5	0.23	<5	20	<0.5	3	10.75	0.5	<1	4	<1	17.35
381941		0.15	0.039		<0.5	0.07	<5	370	<0.5	<2	17.2	<0.5	<1	5	1	0.55
381942		3.46	0.006		<0.5	0.22	<5	10	<0.5	<2	10.05	<0.5	1	7	3	18.25
381943		2.97	0.005		<0.5	0.25	<5	20	<0.5	<2	10.40	0.5	2	6	3	18.65
381944		2.46	<0.005		<0.5	0.23	<5	20	<0.5	<2	10.50	0.9	1	8	3	15.65
381945		2.24	0.008		<0.5	0.29	<5	10	<0.5	<2	11.55	0.6	2	6	3	17.45
381946		0.08	>10.0	17.80	1.0	8.24	69	330	2.8	14	2.57	0.9	23	72	267	6.34
381947		3.40	0.093		<0.5	0.24	<5	10	<0.5	<2	10.00	0.6	3	5	4	16.15
381948		2.24	0.633		<0.5	0.45	<5	10	<0.5	<2	9.33	0.5	3	6	9	18.15
381949		1.75	0.030		<0.5	0.28	<5	10	<0.5	<2	10.35	0.7	2	5	3	17.55
381950		2.65	0.058		<0.5	0.20	<5	10	<0.5	<2	8.87	0.9	2	4	2	19.80

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130161

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
381931		<10	0.05	10	2.31	6310	1	0.02	5	260	4	0.26	<5	1	26	<20
381932		<10	0.04	10	2.35	6340	<1	0.01	4	270	<2	0.23	<5	1	26	<20
381933		<10	0.05	10	2.43	5940	1	0.01	3	320	2	0.23	<5	<1	41	<20
381934		<10	0.05	10	3.37	5830	1	0.01	3	170	3	0.34	<5	1	105	<20
381935		<10	0.05	10	3.47	4050	<1	0.01	4	80	4	0.85	<5	<1	133	<20
381936		<10	0.08	10	4.52	4720	<1	0.01	4	110	3	0.62	<5	1	166	<20
381937		30	4.09	10	1.72	428	1	3.47	68	960	148	2.70	<5	5	255	<20
381938		<10	0.05	10	4.47	4430	<1	0.01	4	170	6	0.81	<5	1	155	<20
381939		<10	0.04	10	3.19	3580	1	0.01	4	130	3	0.35	<5	<1	84	<20
381940		<10	0.07	10	5.19	4830	<1	0.01	3	50	3	0.08	<5	<1	181	<20
381941		<10	0.03	<10	12.15	432	<1	0.05	<1	60	10	0.01	<5	<1	157	<20
381942		<10	0.03	10	5.34	5030	2	<0.01	5	70	5	0.19	<5	1	162	<20
381943		<10	0.06	10	4.90	5020	1	0.01	7	70	6	0.29	<5	1	139	<20
381944		<10	0.05	10	4.74	4540	<1	0.01	5	100	6	0.18	<5	1	148	<20
381945		<10	0.04	10	5.03	5010	1	<0.01	6	140	7	0.15	<5	1	153	<20
381946		20	4.42	10	1.92	477	1	3.04	83	1090	71	3.65	<5	6	358	<20
381947		<10	0.04	10	4.78	4450	<1	0.01	5	110	4	0.31	<5	<1	146	<20
381948		<10	0.04	10	4.63	4950	<1	<0.01	6	100	6	0.55	<5	1	137	<20
381949		<10	0.04	10	4.49	4910	<1	<0.01	3	90	5	0.14	<5	1	146	<20
381950		<10	0.04	<10	4.80	5330	<1	<0.01	4	130	4	0.15	<5	1	137	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130161

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
381931		0.01	<10	<10	22	<10	10
381932		0.01	10	<10	20	<10	9
381933		0.01	<10	<10	18	<10	9
381934		0.01	<10	<10	21	<10	19
381935		0.01	<10	<10	19	<10	15
381936		0.01	<10	<10	24	<10	22
381937		0.49	<10	<10	62	<10	232
381938		0.01	<10	<10	31	<10	25
381939		0.01	<10	<10	19	<10	13
381940		0.01	<10	<10	22	<10	29
381941		<0.01	<10	<10	4	<10	34
381942		0.01	<10	<10	23	<10	33
381943		0.01	<10	<10	27	<10	24
381944		0.01	<10	<10	24	<10	18
381945		0.01	<10	<10	27	<10	21
381946		0.58	<10	<10	76	<10	74
381947		0.01	<10	<10	20	<10	22
381948		0.01	<10	<10	33	<10	28
381949		0.01	<10	<10	26	<10	27
381950		0.01	<10	<10	20	<10	27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130161

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
17- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130163

Projet: KAN

Bon de commande #: FAU16- 038

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130163

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398301		2.79	0.010		<0.5	0.19	<5	10	<0.5	2	8.51	0.7	1	6	1	16.90
398302		<0.02	0.008		<0.5	0.19	<5	10	<0.5	2	8.56	0.7	1	6	1	16.60
398303		4.00	0.075		<0.5	0.28	<5	10	<0.5	6	10.95	0.8	1	5	1	18.45
398304		3.45	0.053		<0.5	0.36	<5	10	<0.5	<2	7.29	0.7	2	9	5	19.00
398305		1.95	0.057		<0.5	0.34	<5	20	<0.5	5	11.05	0.9	2	7	5	17.75
398306		2.87	0.030		<0.5	0.28	6	10	<0.5	<2	10.25	0.7	1	7	3	15.70
398307		0.06	1.280		1.0	8.04	104	120	4.6	4	2.34	2.5	19	63	62	5.25
398308		2.83	<0.005		<0.5	0.21	<5	10	<0.5	3	7.82	0.6	1	7	3	13.55
398309		4.22	0.238		<0.5	0.20	<5	10	<0.5	2	7.33	<0.5	<1	10	3	12.55
398310		4.53	0.717		<0.5	0.29	<5	10	<0.5	<2	8.49	0.5	<1	9	4	13.35
398311		0.29	0.005		<0.5	0.44	6	220	<0.5	<2	17.1	<0.5	<1	1	1	0.22
398312		3.74	0.135		<0.5	0.13	<5	10	<0.5	2	6.55	0.6	<1	7	3	11.15
398313		4.39	0.093		<0.5	0.17	<5	10	<0.5	<2	5.25	0.6	<1	9	3	9.83
398314		3.38	0.277		<0.5	0.27	<5	10	<0.5	<2	7.62	0.6	<1	12	2	15.20
398315		4.63	0.005		<0.5	0.22	<5	10	<0.5	2	6.49	0.5	<1	8	2	16.25
398316		0.13	>10.0	17.20	0.7	7.90	70	330	2.8	20	2.52	0.9	21	73	266	6.21
398317		4.21	0.009		<0.5	2.89	49	80	1.0	2	0.85	0.8	25	51	243	15.15
398318		5.47	0.011		0.5	2.26	44	50	0.6	<2	0.85	0.6	25	48	247	16.10
398319		2.12	0.068		0.7	4.43	84	200	1.7	<2	0.20	<0.5	6	78	193	13.10
398320		3.56	0.195		1.3	4.47	102	200	2.1	<2	0.05	<0.5	1	92	117	14.75

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130163

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398301		<10	0.05	<10	4.43	4640	1	0.01	2	140	<2	0.11	<5	<1	117	<20
398302		<10	0.05	<10	4.40	4550	1	0.01	3	140	4	0.11	<5	<1	117	<20
398303		<10	0.09	10	5.22	5120	1	0.02	3	90	4	0.21	5	1	176	<20
398304		<10	0.10	10	3.54	4650	1	0.01	6	120	4	0.45	<5	1	122	<20
398305		<10	0.08	10	4.61	4710	1	<0.01	3	100	4	0.35	<5	1	156	<20
398306		<10	0.06	10	4.51	4280	<1	0.01	3	90	<2	0.24	<5	1	152	<20
398307		30	4.19	10	1.78	450	1	3.59	70	960	149	2.77	<5	5	258	<20
398308		<10	0.05	10	3.69	3790	<1	0.01	3	100	4	0.19	<5	<1	107	<20
398309		<10	0.06	<10	3.34	3490	<1	0.01	2	80	9	0.24	<5	<1	108	<20
398310		<10	0.08	<10	3.67	3870	1	0.01	5	70	<2	0.40	5	1	141	<20
398311		<10	0.21	<10	12.40	377	<1	0.18	<1	50	5	0.04	<5	<1	134	<20
398312		<10	0.03	<10	2.88	3290	<1	<0.01	<1	70	<2	0.22	<5	<1	91	<20
398313		<10	0.04	<10	2.54	2720	<1	0.01	<1	60	2	0.22	<5	<1	79	<20
398314		<10	0.04	<10	3.73	3940	<1	0.01	2	110	5	0.18	<5	1	110	<20
398315		<10	0.04	<10	3.52	4330	<1	0.01	<1	80	<2	0.14	<5	<1	85	<20
398316		20	4.34	10	1.91	473	<1	3.00	79	1060	66	3.56	<5	6	342	<20
398317		10	0.84	20	1.50	1590	14	0.05	65	480	24	>10.0	9	9	43	<20
398318		10	0.38	20	1.65	1480	10	0.05	65	430	24	>10.0	8	7	40	<20
398319		10	1.91	30	0.84	475	29	0.15	42	480	68	5.28	18	11	32	<20
398320		20	2.25	30	0.32	506	28	0.07	3	470	110	0.52	40	11	17	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130163

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398301		0.01	<10	<10	19	<10	21
398302		0.01	<10	<10	19	<10	21
398303		0.01	<10	<10	29	<10	27
398304		0.02	<10	<10	41	<10	33
398305		0.02	<10	<10	37	<10	28
398306		0.01	<10	<10	32	<10	20
398307		0.50	<10	<10	62	<10	228
398308		0.01	<10	<10	26	<10	15
398309		0.01	<10	<10	21	<10	25
398310		0.01	<10	<10	28	<10	22
398311		0.01	10	10	3	<10	27
398312		0.01	<10	<10	17	<10	16
398313		0.01	<10	<10	17	<10	16
398314		0.01	<10	<10	26	<10	23
398315		0.01	<10	<10	24	<10	26
398316		0.57	10	<10	75	<10	70
398317		0.13	<10	<10	135	<10	239
398318		0.10	<10	<10	89	<10	200
398319		0.16	<10	<10	345	<10	117
398320		0.14	<10	<10	268	<10	40

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QUEBEC QC G1K 7R1

Finalisée date:
17- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130163

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130165

Projet: KAN

Bon de commande #: FAU16- 039

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130165

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398321		3.65	0.015		<0.5	0.53	<5	30	<0.5	<2	2.58	0.5	3	17	98	10.75
398322		<0.02	0.008		<0.5	0.55	<5	30	<0.5	<2	2.71	0.5	3	19	101	11.25
398323		5.48	<0.005		<0.5	0.29	<5	10	<0.5	3	5.81	0.6	3	9	8	21.0
398324		3.76	0.716		<0.5	0.10	<5	10	<0.5	2	5.50	0.6	1	5	4	14.60
398325		3.95	0.027		<0.5	0.21	<5	<10	<0.5	<2	5.73	1.0	2	4	5	18.80
398326		4.85	1.395		<0.5	0.11	<5	<10	<0.5	<2	8.71	0.9	<1	5	1	15.65
398327		0.02	1.300		1.1	7.64	94	120	4.4	5	2.26	2.6	18	64	59	5.22
398328		4.13	3.27		1.5	0.23	<5	10	<0.5	<2	5.14	0.5	1	10	7	10.60
398329		2.67	0.022		<0.5	0.19	<5	10	<0.5	<2	7.17	0.7	2	8	3	12.90
398330		3.48	0.284		<0.5	0.22	<5	10	<0.5	<2	7.34	0.9	2	8	6	14.40
398331		0.19	<0.005		<0.5	0.05	<5	100	<0.5	<2	17.0	<0.5	<1	1	1	0.22
398332		5.64	0.091		<0.5	0.16	<5	10	<0.5	4	10.90	0.8	2	6	3	15.05
398333		2.92	0.368		<0.5	0.27	<5	10	<0.5	<2	8.78	0.5	5	6	11	13.80
398334		3.27	0.132		<0.5	0.17	<5	10	<0.5	<2	7.86	0.7	3	5	17	15.55
398335		3.63	1.410		<0.5	0.27	<5	10	<0.5	<2	4.54	0.6	3	6	8	17.80
398336		0.13	>10.0	17.75	1.0	7.54	63	310	2.7	19	2.41	0.8	22	71	234	6.27
398337		3.75	1.730		<0.5	0.22	<5	<10	<0.5	<2	1.92	<0.5	3	6	4	18.60
398338		2.29	0.013		<0.5	0.16	<5	10	<0.5	<2	1.46	<0.5	4	6	2	20.00
398339		3.66	0.005		<0.5	0.13	<5	10	0.5	<2	1.70	<0.5	3	6	<1	18.45
398340		3.20	0.008		<0.5	0.21	<5	20	0.8	2	2.12	<0.5	2	3	<1	27.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130165

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398321		<10	0.17	10	1.26	2160	4	0.03	11	290	8	1.65	<5	1	43	<20
398322		<10	0.17	10	1.30	2250	3	0.03	13	300	7	1.71	7	1	45	<20
398323		10	0.02	10	3.50	4590	1	0.01	4	210	2	0.44	<5	1	75	<20
398324		<10	0.01	<10	2.91	3670	<1	<0.01	3	100	3	0.20	5	<1	55	<20
398325		<10	0.02	10	3.69	4970	<1	<0.01	1	140	<2	0.08	<5	<1	62	<20
398326		<10	0.03	10	4.64	4400	1	0.01	<1	130	2	0.12	5	<1	108	<20
398327		30	4.13	10	1.74	448	2	3.57	70	950	152	2.68	<5	5	250	<20
398328		<10	0.07	<10	2.45	2840	1	0.01	1	60	2	0.50	8	1	89	<20
398329		<10	0.04	<10	3.37	3460	1	0.01	2	90	4	0.29	<5	1	101	<20
398330		<10	0.04	10	3.68	3840	<1	0.01	2	60	4	0.62	6	1	101	<20
398331		<10	0.05	<10	12.55	395	<1	0.08	3	60	9	<0.01	7	<1	98	<20
398332		<10	0.04	10	4.48	4450	<1	<0.01	1	100	5	0.30	<5	<1	135	<20
398333		<10	0.05	10	3.47	3820	1	<0.01	5	50	3	1.34	<5	1	132	<20
398334		<10	0.03	10	3.14	4430	<1	<0.01	2	100	5	0.98	<5	<1	111	<20
398335		<10	0.03	10	2.96	4760	<1	<0.01	3	100	5	0.48	<5	<1	71	<20
398336		20	4.17	10	1.86	465	1	2.92	78	1020	60	3.54	<5	5	331	<20
398337		<10	0.02	<10	2.03	5150	<1	<0.01	<1	170	4	0.16	<5	<1	27	<20
398338		<10	0.02	10	1.84	6660	1	<0.01	4	270	2	0.15	<5	<1	22	<20
398339		<10	0.03	10	1.80	5270	<1	<0.01	1	330	2	0.03	<5	<1	23	<20
398340		<10	0.06	10	2.49	7740	<1	<0.01	<1	410	4	0.02	<5	<1	31	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130165

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398321		0.03	<10	<10	44	<10	37
398322		0.03	<10	<10	46	<10	30
398323		0.01	<10	<10	24	<10	21
398324		<0.01	<10	<10	9	<10	12
398325		<0.01	<10	<10	18	<10	29
398326		<0.01	<10	<10	10	<10	21
398327		0.49	<10	<10	62	<10	229
398328		0.01	<10	<10	19	<10	18
398329		0.01	<10	<10	22	<10	17
398330		0.01	<10	<10	22	<10	19
398331		<0.01	<10	<10	4	<10	39
398332		0.01	<10	<10	18	<10	18
398333		0.01	<10	<10	25	<10	18
398334		0.01	<10	<10	16	<10	19
398335		0.01	<10	<10	19	<10	23
398336		0.55	<10	<10	71	<10	73
398337		0.01	<10	<10	19	<10	13
398338		0.01	<10	<10	16	<10	7
398339		0.01	<10	<10	14	<10	5
398340		0.01	<10	<10	20	<10	7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130165

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130166

Projet: KAN

Bon de commande #: FAU16- 040

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130166

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398341		4.01	0.076		<0.5	0.19	<5	20	0.5	<2	1.99	<0.5	3	10	3	21.0
398342		<0.02	0.066		<0.5	0.18	<5	20	<0.5	<2	1.99	<0.5	3	10	3	21.3
398343		2.88	0.071		<0.5	0.22	<5	20	0.6	<2	1.77	<0.5	5	10	2	23.8
398344		3.23	0.013		<0.5	0.10	<5	10	<0.5	<2	1.20	<0.5	3	6	1	21.0
398345		3.56	<0.005		<0.5	0.12	<5	10	<0.5	<2	2.09	<0.5	2	8	1	18.55
398346		2.73	0.009		<0.5	0.14	<5	10	<0.5	<2	7.92	0.5	1	10	2	9.41
398347		0.02	1.350		1.2	8.10	99	120	4.6	<2	2.39	2.7	19	65	62	5.41
398348		1.20	1.640		1.0	0.22	<5	10	<0.5	<2	7.51	0.6	<1	7	3	12.65
398349		2.06	0.544		<0.5	0.41	<5	10	<0.5	<2	7.64	0.6	1	7	5	14.60
398350		2.57	0.482		<0.5	0.43	<5	10	<0.5	<2	6.56	0.5	3	10	21	15.90
398351		0.14	<0.005		<0.5	0.02	<5	240	<0.5	<2	19.5	<0.5	<1	3	1	0.43
398352		1.53	0.013		<0.5	0.27	<5	10	<0.5	<2	6.36	<0.5	1	4	1	17.65
398353		2.18	0.015		<0.5	0.15	<5	10	<0.5	2	10.85	0.5	1	6	4	13.95
398354		1.44	0.009		<0.5	0.16	<5	10	<0.5	<2	6.20	<0.5	1	8	1	19.50
398355		1.21	0.020		<0.5	0.11	<5	10	<0.5	<2	8.72	<0.5	2	3	6	15.95
398356		0.04	>10.0	18.20	0.8	7.73	63	320	2.7	14	2.50	0.7	22	76	249	6.13
398357		1.36	0.006		<0.5	0.13	<5	10	<0.5	2	7.95	0.7	5	4	18	17.80
398358		5.54	0.016		<0.5	0.10	38	<10	<0.5	<2	4.43	<0.5	2	5	1	18.10
398359		5.58	0.182		<0.5	0.30	<5	10	<0.5	<2	5.45	0.7	3	7	3	22.3
398360		6.15	0.089		<0.5	0.17	10	10	<0.5	<2	3.91	0.6	3	7	2	23.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130166

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398341		<10	0.07	10	2.33	5960	<1	0.01	3	250	<2	0.18	<5	<1	27	<20
398342		<10	0.07	10	2.38	5960	<1	0.01	1	250	<2	0.17	<5	1	27	<20
398343		<10	0.06	10	2.58	6500	<1	0.01	2	250	4	0.23	<5	<1	26	<20
398344		<10	0.03	10	1.94	5870	<1	<0.01	<1	260	<2	0.06	<5	<1	16	<20
398345		<10	0.03	10	2.20	6250	<1	0.01	<1	360	2	0.08	<5	<1	25	<20
398346		<10	0.04	<10	3.16	3030	<1	0.01	2	80	5	0.19	<5	<1	111	<20
398347		30	4.28	10	1.83	461	2	3.70	72	990	159	2.86	<5	5	265	<20
398348		<10	0.05	<10	3.46	3950	<1	<0.01	<1	140	<2	0.37	<5	<1	117	<20
398349		<10	0.09	10	3.52	4120	<1	0.01	1	120	<2	0.57	<5	1	122	<20
398350		10	0.05	10	3.46	3960	1	<0.01	8	190	2	1.01	<5	1	95	<20
398351		<10	0.01	<10	13.40	423	1	0.02	1	30	5	0.01	<5	<1	179	<20
398352		<10	0.01	10	2.70	4600	<1	<0.01	1	110	2	0.04	<5	<1	84	<20
398353		<10	0.02	10	3.24	4310	<1	<0.01	2	60	<2	0.51	<5	<1	145	<20
398354		<10	0.02	10	3.72	5360	<1	<0.01	1	90	3	0.20	<5	<1	77	<20
398355		<10	0.02	10	3.64	4470	<1	<0.01	1	120	2	0.41	<5	<1	101	<20
398356		30	4.27	10	1.88	470	1	2.94	80	1060	61	3.53	<5	6	336	<20
398357		<10	0.03	10	3.57	4250	<1	<0.01	6	120	3	1.73	<5	<1	93	<20
398358		<10	0.01	10	2.82	6980	<1	<0.01	1	240	2	0.12	<5	<1	57	<20
398359		<10	0.05	10	3.25	7510	<1	0.01	6	250	5	0.15	<5	1	76	<20
398360		<10	0.04	10	2.90	7210	<1	0.01	4	290	<2	0.20	<5	<1	50	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130166

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398341		0.01	<10	<10	22	<10	9
398342		0.01	<10	<10	22	<10	8
398343		0.01	<10	<10	23	<10	9
398344		0.01	<10	<10	12	<10	7
398345		0.01	<10	<10	15	<10	7
398346		0.01	<10	<10	14	<10	15
398347		0.51	<10	<10	66	<10	239
398348		0.01	<10	<10	18	<10	22
398349		0.01	<10	<10	31	<10	25
398350		0.01	<10	<10	32	<10	26
398351		<0.01	<10	<10	3	<10	15
398352		<0.01	<10	<10	23	<10	22
398353		0.01	<10	<10	19	<10	17
398354		0.01	<10	<10	17	<10	17
398355		0.01	<10	<10	11	<10	17
398356		0.56	<10	<10	75	<10	71
398357		0.01	<10	<10	16	<10	13
398358		0.01	<10	<10	10	<10	21
398359		0.02	<10	<10	25	<10	46
398360		0.01	<10	<10	17	<10	37

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130166

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130167

Projet: KAN

Bon de commande #: FAU16- 041

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130167

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398361		5.96	0.026		<0.5	0.19	43	10	<0.5	<2	1.66	<0.5	6	11	4	24.5
398362		<0.02	0.010		<0.5	0.23	79	10	<0.5	<2	1.55	0.7	4	10	5	25.5
398363		5.87	0.416		<0.5	0.22	372	10	<0.5	<2	1.30	0.6	6	6	60	26.8
398364		4.11	1.085		<0.5	0.26	198	10	<0.5	<2	1.37	0.8	7	6	32	24.1
398365		5.04	3.45		<0.5	0.17	58	10	<0.5	<2	0.70	<0.5	6	6	51	27.1
398366		6.00	0.079		<0.5	0.23	63	10	<0.5	<2	0.30	<0.5	5	7	53	30.6
398367		0.07	1.415		1.1	7.50	103	110	4.4	2	2.21	2.6	17	61	58	4.97
398368		5.76	0.028		<0.5	0.24	18	10	<0.5	<2	0.77	<0.5	3	7	19	28.5
398369		4.65	1.280		<0.5	0.19	700	10	<0.5	<2	0.23	0.6	3	8	90	35.1
398370		5.43	0.071		<0.5	0.18	102	10	<0.5	<2	0.07	<0.5	2	7	116	36.0
398371		0.16	<0.005		<0.5	0.59	5	220	<0.5	<2	15.4	<0.5	<1	<1	2	0.74
398372		5.49	0.039		<0.5	0.20	8	20	<0.5	<2	0.14	<0.5	1	7	107	34.2
398373		12.12	0.131		<0.5	0.20	<5	20	<0.5	<2	0.18	0.5	2	6	81	29.3
398374		5.35	0.283		<0.5	0.24	<5	10	<0.5	2	0.07	<0.5	<1	8	162	40.9
398375		2.71	0.006		<0.5	0.48	<5	10	<0.5	<2	0.05	0.6	15	12	241	37.6
398376		0.08	>10.0	18.80	1.1	7.21	68	300	2.6	15	2.39	0.7	20	71	240	5.96
398377		4.47	0.005		<0.5	0.72	119	10	<0.5	<2	0.01	<0.5	4	36	37	4.64
398378		4.82	0.007		0.5	0.76	8	40	<0.5	<2	0.02	<0.5	4	39	60	9.30
398379		2.07	0.050		1.7	7.10	6	410	3.8	<2	0.02	<0.5	5	115	39	3.92
398380		3.86	2.30		<0.5	0.31	90	10	<0.5	2	2.28	0.8	4	10	13	28.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130167

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398361		<10	0.03	10	2.03	7380	1	0.01	8	390	3	0.19	<5	<1	23	<20
398362		<10	0.03	10	2.01	7610	<1	0.01	9	370	3	0.20	<5	<1	23	<20
398363		<10	0.02	10	1.54	5760	<1	<0.01	9	230	10	1.03	<5	<1	26	<20
398364		<10	0.01	10	1.35	4940	<1	<0.01	12	150	6	0.65	<5	<1	23	<20
398365		<10	0.01	10	1.09	4750	<1	<0.01	7	190	7	0.51	<5	<1	13	<20
398366		<10	0.01	10	0.64	5430	<1	<0.01	7	200	6	0.45	<5	<1	6	<20
398367		20	4.01	10	1.65	430	1	3.47	65	920	151	2.65	<5	5	242	<20
398368		<10	0.02	10	1.55	6760	<1	<0.01	4	310	4	0.33	<5	1	13	<20
398369		<10	0.01	10	0.38	4160	<1	<0.01	6	330	9	0.57	<5	<1	6	<20
398370		<10	0.02	10	0.18	3060	<1	<0.01	3	250	11	0.66	<5	<1	5	<20
398371		<10	0.41	<10	10.40	397	<1	0.25	<1	70	4	0.01	<5	1	112	<20
398372		<10	0.04	10	0.29	2490	<1	<0.01	2	410	11	0.63	<5	<1	5	<20
398373		<10	0.04	10	0.42	3180	<1	<0.01	7	280	8	0.51	<5	<1	5	<20
398374		<10	0.04	<10	0.18	1920	<1	<0.01	23	150	8	0.88	<5	<1	3	<20
398375		<10	0.03	10	0.11	1350	<1	<0.01	64	180	15	0.67	<5	1	3	<20
398376		20	4.02	10	1.77	445	<1	2.82	73	990	61	3.45	<5	5	321	<20
398377		<10	0.13	10	0.41	137	6	0.01	3	140	2	0.17	<5	1	2	<20
398378		<10	0.34	10	0.15	78	6	0.02	5	100	11	0.26	<5	2	4	<20
398379		20	3.79	40	0.67	95	16	0.08	5	110	31	0.65	9	16	17	<20
398380		<10	0.03	10	2.37	8630	<1	<0.01	4	260	5	1.06	<5	1	42	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130167

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398361		0.01	<10	<10	18	<10	54
398362		0.01	<10	<10	20	<10	64
398363		0.01	<10	<10	16	<10	91
398364		0.01	<10	<10	18	<10	108
398365		0.01	10	<10	15	<10	94
398366		0.01	<10	<10	26	<10	118
398367		0.48	10	<10	61	<10	216
398368		0.02	<10	<10	27	<10	82
398369		0.01	<10	<10	21	<10	153
398370		0.01	<10	<10	20	<10	143
398371		0.01	<10	<10	4	<10	28
398372		0.01	<10	<10	23	<10	144
398373		0.01	<10	<10	17	<10	142
398374		<0.01	<10	<10	11	<10	293
398375		<0.01	<10	10	15	<10	442
398376		0.55	<10	<10	72	<10	78
398377		0.02	<10	<10	35	<10	48
398378		0.04	<10	<10	42	<10	80
398379		0.31	10	<10	287	<10	49
398380		0.02	<10	<10	23	<10	74

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130167

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130169

Projet: KAN

Bon de commande #: FAU16- 042

Ce rapport s'applique aux 17 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130169

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398381		5.54	9.02		0.7	0.27	41	10	<0.5	<2	4.41	0.7	6	12	9	22.8
398382		<0.02	1.175		<0.5	0.27	43	10	<0.5	<2	4.62	1.0	5	11	12	23.6
398383		6.13	0.172		<0.5	0.23	26	10	<0.5	<2	3.12	0.7	7	7	5	31.2
398384		4.12	0.768		<0.5	0.19	<5	10	<0.5	<2	2.46	0.6	5	7	9	26.3
398385		4.08	0.032		<0.5	0.11	12	10	<0.5	<2	2.84	0.6	5	7	7	27.5
398386		5.14	<0.005		<0.5	0.11	<5	10	<0.5	<2	4.88	0.9	6	6	3	23.6
398387		0.06	1.270		1.0	8.62	107	120	4.6	3	2.40	2.6	20	61	62	5.39
398388		0.81	0.011		0.5	0.96	19	40	0.7	<2	6.57	0.6	11	22	42	10.55
398389		4.50	<0.005		<0.5	0.04	<5	<10	<0.5	<2	1.70	<0.5	2	12	1	15.35
398390		6.74	<0.005		<0.5	0.03	<5	<10	1.0	<2	2.06	<0.5	2	8	5	15.25
398391		0.20	<0.005		<0.5	0.06	<5	110	<0.5	3	17.1	<0.5	<1	1	1	0.21
398392		4.65	<0.005		<0.5	0.02	<5	<10	<0.5	<2	3.04	0.6	1	9	<1	14.30
398393		2.13	0.030		0.5	0.11	12	<10	<0.5	<2	0.11	<0.5	5	6	68	27.3
398394		2.54	0.092		0.6	0.09	16	<10	<0.5	<2	0.96	<0.5	3	8	58	18.40
398395		3.04	0.007		<0.5	0.12	45	10	<0.5	<2	0.18	<0.5	35	22	40	5.75
398396		0.11	>10.0	17.50	0.8	8.23	70	320	2.8	15	2.53	0.8	23	70	238	6.26
398397		1.75	1.945		<0.5	0.43	2620	30	<0.5	<2	2.24	0.6	6	39	9	10.10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130169

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398381		<10	0.05	10	2.57	6420	<1	0.01	10	160	4	0.78	<5	1	67	<20
398382		<10	0.05	10	2.63	6740	<1	0.01	8	160	5	0.82	<5	1	70	<20
398383		<10	0.07	10	3.14	8210	<1	0.01	9	230	5	0.44	<5	1	44	<20
398384		<10	0.04	10	2.33	7060	<1	<0.01	9	290	4	0.54	<5	<1	36	<20
398385		<10	0.02	10	2.22	7120	1	<0.01	9	230	4	0.20	<5	<1	36	<20
398386		<10	0.03	10	2.93	7150	1	0.01	8	220	3	0.09	<5	<1	62	<20
398387		30	4.33	10	1.81	454	1	3.63	73	1000	155	2.84	<5	5	268	<20
398388		<10	0.45	10	1.44	1700	5	0.02	9	210	13	0.09	5	3	87	<20
398389		<10	0.01	10	2.70	2660	1	<0.01	4	210	4	0.20	<5	<1	21	<20
398390		<10	<0.01	10	2.83	2620	<1	<0.01	5	240	<2	0.38	<5	<1	20	<20
398391		<10	0.04	<10	13.20	391	<1	0.06	<1	20	5	<0.01	<5	<1	153	<20
398392		<10	<0.01	10	3.03	2210	<1	<0.01	3	210	<2	0.11	<5	<1	28	<20
398393		<10	0.01	10	0.18	9740	<1	<0.01	8	210	9	0.23	<5	<1	13	<20
398394		<10	0.01	10	0.32	6370	<1	<0.01	8	130	8	0.37	<5	<1	27	<20
398395		<10	0.04	<10	0.13	579	<1	0.01	11	20	3	2.93	<5	<1	6	<20
398396		20	4.35	10	1.89	464	1	2.99	81	1070	67	3.60	<5	6	352	<20
398397		<10	0.07	<10	1.39	2900	1	0.01	4	120	7	0.91	<5	1	64	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130169

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398381		0.02	<10	<10	21	<10	50
398382		0.02	<10	<10	22	<10	51
398383		0.01	<10	<10	23	<10	41
398384		0.01	<10	<10	15	<10	48
398385		0.01	<10	<10	14	<10	50
398386		0.01	<10	<10	14	<10	34
398387		0.51	10	<10	65	<10	243
398388		0.04	<10	<10	46	<10	74
398389		<0.01	<10	<10	6	<10	11
398390		<0.01	<10	<10	4	<10	12
398391		<0.01	<10	<10	3	<10	23
398392		<0.01	<10	<10	4	<10	8
398393		<0.01	10	<10	20	<10	53
398394		<0.01	<10	<10	16	<10	39
398395		<0.01	<10	<10	7	<10	7
398396		0.57	<10	<10	74	<10	77
398397		<0.01	<10	<10	15	<10	26

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130169

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130172

Projet: KAN

Bon de commande #: FAU16- 043

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130172

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
397951		3.15	2.93		0.5	0.23	1040	<10	<0.5	<2	0.07	<0.5	11	22	66	5.18
397952		<0.02	2.25		0.5	0.22	968	<10	<0.5	<2	0.06	<0.5	10	27	64	5.13
397953		3.17	0.036		0.9	1.67	17	30	<0.5	<2	0.82	<0.5	38	38	111	12.95
397954		5.90	0.988		0.9	0.59	1055	<10	<0.5	<2	0.06	<0.5	7	19	101	11.85
397955		4.07	1.255		1.1	0.22	908	<10	<0.5	<2	0.31	0.5	11	5	187	24.6
397956		5.46	0.071		<0.5	0.33	683	<10	<0.5	<2	1.46	0.6	8	6	127	19.25
397957		0.07	1.320		1.1	7.80	108	120	4.4	4	2.33	2.7	17	63	59	5.19
397958		3.57	0.014		<0.5	0.10	9	<10	<0.5	<2	0.12	<0.5	1	6	3	4.73
397959		3.94	5.12		<0.5	1.45	27	10	<0.5	3	2.25	<0.5	2	6	73	20.4
397960		3.52	<0.005		<0.5	0.04	8	<10	<0.5	<2	0.01	<0.5	<1	21	15	2.03
397961		0.14	0.014		<0.5	0.03	5	40	<0.5	<2	18.9	<0.5	<1	<1	2	0.26
397962		4.75	<0.005		<0.5	0.72	11	<10	<0.5	<2	0.02	<0.5	<1	20	35	5.36
397963		3.65	0.029		<0.5	0.37	1075	10	<0.5	<2	0.58	0.5	3	2	174	35.2
397964		2.08	0.446		0.6	0.21	50	10	<0.5	<2	0.12	<0.5	3	4	143	33.7
397965		2.50	6.38		0.7	0.23	<5	<10	<0.5	<2	2.17	0.5	3	11	20	15.60
397966		0.06	>10.0	NSS	0.7	7.72	69	310	2.7	23	2.47	0.7	21	75	246	6.02
397967		2.80	5.36		<0.5	0.29	21	20	<0.5	<2	1.26	0.7	3	1	18	30.0
397968		5.18	1.205		<0.5	0.44	<5	30	<0.5	<2	1.34	<0.5	4	14	22	11.55
397969		6.65	6.15		<0.5	0.50	132	50	<0.5	<2	2.53	<0.5	3	12	12	9.85
397970		7.23	0.201		<0.5	0.21	<5	20	<0.5	2	1.45	0.6	1	4	4	21.4

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130172

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
397951		<10	0.03	<10	0.20	212	<1	0.01	24	70	<2	2.87	<5	<1	3	<20
397952		<10	0.03	<10	0.18	171	<1	0.01	25	70	2	2.88	<5	<1	2	<20
397953		10	0.29	10	1.49	1615	7	0.02	55	330	11	7.37	<5	4	28	<20
397954		<10	0.02	<10	0.54	1640	<1	0.01	26	70	3	1.79	<5	1	5	<20
397955		<10	0.01	10	2.37	11650	<1	<0.01	93	190	13	9.58	<5	<1	9	<20
397956		<10	0.01	<10	2.21	8640	<1	0.01	50	120	7	6.62	<5	1	32	<20
397957		20	4.11	10	1.71	450	<1	3.57	65	980	160	2.72	<5	5	252	<20
397958		<10	0.01	10	0.20	1335	<1	<0.01	<1	60	<2	0.05	<5	<1	5	<20
397959		<10	0.01	<10	2.39	5750	<1	0.01	27	40	3	4.60	<5	1	87	<20
397960		<10	<0.01	<10	0.03	170	<1	0.01	1	10	<2	0.10	<5	<1	1	<20
397961		<10	0.01	<10	13.25	404	<1	0.02	<1	60	<2	0.03	<5	<1	178	<20
397962		<10	<0.01	<10	0.66	311	<1	0.01	<1	20	<2	0.13	<5	1	<1	<20
397963		<10	0.01	10	1.14	8900	<1	0.01	32	260	11	1.95	<5	1	22	<20
397964		<10	0.07	10	0.97	9370	<1	<0.01	33	560	7	2.52	<5	1	11	<20
397965		<10	<0.01	10	2.03	5830	<1	<0.01	<1	20	5	1.50	<5	<1	86	<20
397966		20	4.18	10	1.84	468	<1	2.91	74	1040	66	3.40	<5	5	333	<20
397967		<10	0.04	10	3.78	9400	<1	<0.01	<1	50	3	1.78	<5	<1	38	<20
397968		<10	0.08	<10	1.07	3180	<1	0.01	<1	50	3	2.08	<5	<1	49	<20
397969		<10	0.12	<10	1.29	3090	<1	0.01	<1	50	<2	1.36	<5	<1	95	<20
397970		<10	0.06	<10	2.81	5970	<1	<0.01	<1	70	3	0.47	<5	<1	38	<20

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130172

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397951		<0.01	<10	<10	9	<10	15
397952		<0.01	<10	<10	8	<10	13
397953		0.03	<10	<10	70	<10	66
397954		<0.01	<10	<10	21	<10	45
397955		<0.01	<10	<10	8	<10	73
397956		<0.01	<10	<10	14	<10	65
397957		0.50	<10	<10	63	<10	236
397958		<0.01	<10	<10	6	<10	13
397959		<0.01	<10	<10	41	<10	121
397960		<0.01	<10	<10	2	<10	4
397961		<0.01	10	<10	4	<10	21
397962		<0.01	<10	<10	29	<10	40
397963		<0.01	<10	<10	15	<10	91
397964		<0.01	<10	<10	10	<10	107
397965		<0.01	<10	<10	10	<10	43
397966		0.56	<10	<10	73	<10	66
397967		<0.01	<10	<10	13	<10	65
397968		<0.01	<10	<10	17	<10	36
397969		<0.01	<10	<10	19	<10	39
397970		<0.01	<10	<10	9	<10	42

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CERTIFICAT D'ANALYSE VO16130172

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.
Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applique à la Méthode: ME- ICP61

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130173

Projet: KAN

Bon de commande #: FAU16- 044

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
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Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130173

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
397971		5.48	0.245		<0.5	0.06	<5	10	<0.5	<2	1.44	0.7	3	9	3	24.2
397972		<0.02	0.021		<0.5	0.06	<5	10	<0.5	<2	1.44	0.9	4	6	2	24.0
397973		5.87	0.013		<0.5	0.05	<5	10	<0.5	<2	1.41	0.7	3	6	3	24.7
397974		3.09	0.022		<0.5	0.09	29	10	<0.5	<2	0.96	<0.5	7	5	1	22.6
397975		4.31	0.008		<0.5	0.08	<5	10	<0.5	<2	1.40	0.8	4	2	<1	28.7
397976		5.81	0.234		<0.5	0.14	<5	10	<0.5	<2	1.56	0.9	4	4	8	24.7
397977		0.03	1.295		1.0	7.25	92	110	4.3	2	2.11	2.6	18	61	57	4.94
397978		3.76	<0.005		<0.5	0.08	<5	40	<0.5	<2	1.49	0.6	6	3	1	27.7
397979		3.56	0.122		<0.5	0.13	21	10	<0.5	<2	0.94	0.8	2	2	1	24.2
397980		2.97	0.018		<0.5	0.15	<5	10	<0.5	<2	1.39	0.7	4	3	2	25.1
397981		0.14	<0.005		<0.5	0.02	<5	120	<0.5	2	17.1	<0.5	<1	1	<1	0.45
397982		4.13	1.910		<0.5	0.10	29	10	<0.5	<2	2.54	1.0	11	2	6	30.1
397983		4.30	0.029		<0.5	0.11	20	10	<0.5	<2	1.14	0.7	9	6	3	24.7
397984		5.08	0.713		<0.5	0.11	51	40	<0.5	<2	1.06	0.5	3	7	2	25.6
397985		3.09	0.142		<0.5	0.42	47	10	0.5	<2	0.88	0.6	9	9	1	27.7
397986		0.02	>10.0	16.25	0.9	7.34	65	300	2.6	18	2.35	0.8	22	73	246	5.86
397987		2.80	0.019		<0.5	0.36	<5	10	<0.5	<2	0.88	0.6	8	10	2	25.0
397988		3.51	0.083		<0.5	0.18	<5	100	<0.5	<2	2.76	0.9	3	6	6	21.2
397989		4.79	0.118		<0.5	0.57	200	10	<0.5	<2	0.54	<0.5	5	25	55	9.71
397990		2.50	0.036		<0.5	2.00	32	50	<0.5	<2	1.17	<0.5	5	39	53	12.85

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130173

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
397971		<10	0.01	<10	2.72	5080	<1	<0.01	4	100	6	0.16	<5	<1	28	<20
397972		<10	0.02	<10	2.70	4970	<1	<0.01	2	100	2	0.18	<5	<1	28	<20
397973		<10	0.02	<10	2.83	5490	<1	<0.01	2	90	3	0.06	<5	<1	26	<20
397974		<10	0.01	<10	2.27	6660	<1	<0.01	4	120	3	0.10	<5	<1	18	<20
397975		<10	0.02	<10	3.50	7400	<1	<0.01	2	220	2	0.05	<5	<1	22	<20
397976		<10	0.02	<10	3.14	7410	<1	<0.01	<1	80	6	0.33	<5	<1	30	<20
397977		20	3.95	10	1.64	422	1	3.39	68	910	144	2.65	<5	4	237	<20
397978		<10	0.01	10	2.69	7890	<1	<0.01	1	160	5	0.02	<5	<1	27	<20
397979		<10	0.02	<10	2.54	7980	<1	<0.01	1	90	3	0.14	<5	<1	20	<20
397980		<10	0.02	10	2.76	8650	<1	<0.01	1	110	5	0.14	<5	<1	33	<20
397981		<10	0.01	<10	12.30	408	<1	0.01	<1	40	4	<0.01	<5	<1	130	<20
397982		<10	0.02	10	3.28	10950	1	<0.01	2	60	5	0.44	<5	<1	62	<20
397983		<10	0.01	10	2.48	7010	<1	<0.01	2	100	3	0.32	<5	<1	26	<20
397984		<10	0.01	<10	2.20	8700	<1	<0.01	2	120	4	0.33	<5	<1	25	<20
397985		<10	0.03	10	1.81	15300	1	<0.01	17	480	4	0.08	<5	1	21	<20
397986		20	4.07	10	1.74	465	1	2.79	78	1000	62	3.39	<5	5	324	<20
397987		<10	0.02	10	2.08	12500	<1	<0.01	10	370	2	0.09	<5	1	19	<20
397988		<10	0.03	10	2.24	7690	<1	<0.01	4	320	3	0.29	<5	<1	52	<20
397989		<10	0.05	<10	0.70	1395	3	0.01	30	110	<2	3.69	<5	1	13	<20
397990		10	0.19	20	1.70	1795	11	0.01	16	250	9	1.50	<5	5	38	<20

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130173

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397971		<0.01	<10	<10	6	<10	20
397972		<0.01	<10	<10	5	<10	19
397973		<0.01	<10	<10	6	<10	23
397974		<0.01	<10	<10	7	<10	14
397975		<0.01	<10	<10	7	<10	16
397976		<0.01	<10	<10	11	<10	17
397977		0.48	<10	<10	60	<10	220
397978		<0.01	<10	<10	11	<10	13
397979		<0.01	<10	<10	9	<10	22
397980		<0.01	<10	<10	10	<10	32
397981		<0.01	<10	<10	3	<10	23
397982		<0.01	<10	<10	11	<10	26
397983		<0.01	<10	<10	11	<10	23
397984		<0.01	<10	<10	9	<10	18
397985		0.04	<10	<10	26	<10	17
397986		0.54	10	<10	69	<10	65
397987		0.04	<10	<10	25	<10	18
397988		0.01	<10	<10	13	<10	35
397989		0.01	<10	<10	22	<10	37
397990		0.03	<10	<10	102	<10	98

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130173

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130177

Projet: KAN

Bon de commande #: FAU16- 045

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130177

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
397991		3.89	0.009		<0.5	0.16	<5	10	<0.5	<2	6.56	0.5	<1	5	3	17.05
397992		<0.02	0.014		<0.5	0.15	<5	10	<0.5	<2	6.25	0.6	<1	5	4	16.60
397993		4.76	0.077		<0.5	1.31	49	20	<0.5	<2	1.49	<0.5	4	8	30	12.90
397994		3.99	0.129		<0.5	0.43	115	<10	<0.5	<2	3.63	0.5	2	13	37	11.10
397995		4.65	<0.005		<0.5	0.26	110	10	<0.5	<2	0.48	<0.5	3	15	33	5.60
397996		6.05	0.163		<0.5	0.12	<5	10	<0.5	<2	1.21	<0.5	4	5	1	23.7
397997		0.03	1.270		1.0	7.77	103	120	4.3	<2	2.24	2.3	18	59	59	5.13
397998		4.62	0.030		<0.5	0.20	41	10	<0.5	<2	1.43	<0.5	3	2	5	25.0
397999		4.94	0.991		<0.5	0.07	<5	<10	<0.5	<2	1.23	<0.5	3	1	<1	29.1
398000		2.73	0.065		<0.5	0.05	5	<10	<0.5	<2	0.74	<0.5	2	2	2	20.1
398001		0.14	0.005		<0.5	0.05	<5	130	<0.5	6	17.3	<0.5	<1	<1	1	0.38
398002		4.44	0.006		<0.5	0.02	<5	<10	<0.5	<2	0.18	<0.5	4	2	2	15.45
398003		5.65	0.212		<0.5	0.10	<5	10	<0.5	<2	1.35	<0.5	6	<1	3	37.0
398004		4.83	1.930		<0.5	0.42	<5	10	<0.5	<2	2.75	<0.5	4	<1	37	34.1
398005		5.11	2.33		<0.5	0.74	<5	10	<0.5	<2	3.24	<0.5	3	3	36	22.4
398006		0.03	>10.0	17.80	0.9	7.83	74	310	2.7	14	2.49	0.5	21	71	257	6.19
398007		5.01	1.425		<0.5	0.19	<5	10	<0.5	<2	0.97	<0.5	5	3	10	27.4
398008		5.49	0.822		<0.5	0.29	<5	10	<0.5	2	1.39	<0.5	4	2	21	31.2
398009		5.48	4.65		<0.5	0.22	7	20	<0.5	<2	1.28	<0.5	8	6	20	23.8
398010		4.85	0.100		<0.5	0.13	<5	10	<0.5	<2	1.12	<0.5	4	2	6	28.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130177

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
397991		<10	0.01	10	3.65	5360	<1	<0.01	<1	110	2	0.21	<5	<1	126	<20
397992		<10	0.01	10	3.54	5150	<1	<0.01	<1	110	3	0.21	<5	<1	123	<20
397993		<10	0.02	<10	1.66	3020	<1	0.01	10	110	4	2.31	<5	1	52	<20
397994		<10	0.01	<10	1.84	4050	<1	0.01	9	150	<2	2.22	<5	1	98	<20
397995		<10	0.04	<10	0.28	574	1	0.01	11	40	<2	0.36	<5	<1	11	<20
397996		<10	0.02	<10	2.76	5980	<1	<0.01	<1	70	<2	0.15	<5	<1	25	<20
397997		20	4.08	10	1.72	442	2	3.49	69	930	156	2.72	<5	5	243	<20
397998		<10	0.03	<10	2.61	7280	<1	<0.01	1	120	<2	0.79	7	<1	38	<20
397999		<10	0.01	10	3.02	9580	<1	<0.01	<1	170	3	0.14	<5	<1	23	<20
398000		<10	0.01	<10	1.94	6260	<1	<0.01	2	90	<2	0.06	<5	<1	15	<20
398001		<10	0.03	<10	13.10	417	<1	0.07	<1	30	<2	0.01	<5	<1	89	<20
398002		<10	<0.01	<10	0.77	5030	<1	<0.01	<1	80	<2	0.01	<5	<1	5	<20
398003		<10	0.03	10	3.69	11200	<1	<0.01	1	280	4	0.11	<5	<1	29	<20
398004		<10	0.04	10	2.72	12400	1	<0.01	9	230	7	2.53	<5	<1	118	<20
398005		<10	0.01	<10	2.67	8300	<1	0.01	13	120	5	2.50	<5	1	128	<20
398006		20	4.20	10	1.89	478	1	2.91	79	1030	65	3.57	<5	6	334	<20
398007		<10	0.02	10	3.23	8730	1	0.01	3	110	<2	0.70	<5	<1	24	<20
398008		<10	0.01	10	3.53	9560	<1	<0.01	4	50	<2	2.03	8	<1	36	<20
398009		<10	0.04	10	2.73	7370	<1	<0.01	4	110	3	1.85	<5	<1	43	<20
398010		<10	0.02	10	3.47	9470	<1	<0.01	1	60	3	0.54	<5	<1	26	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130177

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397991		0.01	<10	<10	16	<10	37
397992		0.01	<10	<10	15	<10	36
397993		0.01	<10	<10	48	<10	88
397994		<0.01	10	<10	16	<10	47
397995		<0.01	<10	<10	11	<10	38
397996		<0.01	10	<10	10	<10	15
397997		0.48	<10	<10	62	<10	218
397998		<0.01	10	<10	13	<10	25
397999		<0.01	10	<10	7	<10	19
398000		<0.01	10	<10	6	<10	20
398001		<0.01	<10	<10	3	<10	25
398002		<0.01	<10	<10	4	<10	12
398003		<0.01	10	<10	13	<10	27
398004		<0.01	10	<10	16	<10	80
398005		<0.01	10	<10	23	<10	93
398006		0.55	10	<10	74	<10	66
398007		<0.01	10	<10	14	<10	41
398008		<0.01	10	<10	14	<10	68
398009		<0.01	10	<10	11	<10	45
398010		<0.01	10	<10	10	<10	38

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130177

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130180

Projet: KAN

Bon de commande #: FAU16- 048

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130180

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398401		3.88	0.136		0.9	5.67	34	280	2.4	<2	0.18	<0.5	13	96	69	9.94
398402		<0.02	0.077		0.9	5.58	33	270	2.4	<2	0.16	<0.5	12	95	65	9.56
398403		2.61	0.005		0.5	1.00	<5	20	<0.5	<2	4.44	<0.5	7	28	124	15.00
398404		4.46	<0.005		0.6	0.63	5	10	<0.5	<2	1.33	<0.5	6	7	175	28.1
398405		3.72	0.005		1.2	0.29	21	<10	<0.5	<2	0.59	<0.5	9	5	279	32.7
398406		4.73	0.022		1.2	0.13	17	<10	<0.5	5	0.43	<0.5	348	11	163	29.0
398407		0.04	1.300		1.0	7.91	106	120	4.4	<2	2.28	2.6	19	60	65	5.17
398408		6.30	<0.005		0.6	0.13	141	<10	<0.5	<2	1.48	<0.5	44	5	142	21.1
398409		6.42	<0.005		0.8	0.17	12	10	<0.5	<2	0.33	<0.5	30	7	162	25.0
398410		6.50	0.031		<0.5	0.27	30	10	<0.5	2	0.58	<0.5	13	8	113	25.8
398411		0.16	<0.005		<0.5	0.04	<5	870	<0.5	4	18.5	<0.5	<1	2	6	0.87
398412		2.73	<0.005		0.5	0.17	147	10	<0.5	2	0.34	<0.5	9	5	141	31.4
398413		2.28	<0.005		<0.5	0.18	8	10	1.0	4	1.10	<0.5	5	7	12	28.8
398414		5.52	<0.005		<0.5	0.17	272	10	<0.5	7	1.15	<0.5	6	6	3	28.1
398415		5.73	<0.005		<0.5	0.17	652	10	<0.5	3	5.02	<0.5	3	6	20	23.2
398416		0.04	>10.0	17.75	0.8	8.16	73	330	2.8	13	2.53	0.7	23	70	229	6.24
398417		5.28	0.782		<0.5	0.37	921	20	<0.5	3	0.37	<0.5	12	9	33	28.2
398418		3.51	0.246		<0.5	0.21	9	10	<0.5	<2	3.22	<0.5	6	9	42	24.1
398419		4.23	0.765		<0.5	0.25	15	10	<0.5	<2	4.16	0.7	7	11	50	26.3
398420		4.38	1.985		<0.5	0.31	36	20	<0.5	3	1.19	<0.5	10	8	119	29.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130180

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398401		20	2.59	40	0.76	700	21	0.08	10	190	17	1.18	8	12	25	<20
398402		20	2.54	40	0.75	653	20	0.08	9	190	14	1.16	11	11	24	<20
398403		<10	0.13	10	2.52	5180	5	0.01	63	140	6	6.38	<5	2	227	<20
398404		<10	0.06	10	1.05	2380	1	0.01	25	190	5	2.37	<5	1	66	<20
398405		<10	0.01	10	3.54	8540	1	<0.01	140	210	8	>10.0	<5	<1	19	<20
398406		<10	0.02	<10	0.63	2250	<1	<0.01	92	40	3	>10.0	<5	<1	14	<20
398407		20	4.11	10	1.73	442	2	3.53	69	930	144	2.73	<5	5	249	<20
398408		<10	0.02	<10	1.28	5070	<1	<0.01	76	20	5	6.71	5	<1	54	<20
398409		<10	0.03	10	1.63	5440	4	0.01	95	130	29	6.85	<5	<1	5	<20
398410		<10	0.06	10	3.24	8090	<1	0.01	57	140	7	6.14	<5	<1	14	<20
398411		<10	0.02	<10	12.55	582	<1	0.02	3	30	3	0.23	<5	<1	164	<20
398412		<10	0.01	10	2.40	8360	<1	<0.01	76	160	6	5.99	<5	<1	8	<20
398413		<10	0.02	10	2.47	6550	1	<0.01	4	140	<2	0.38	<5	<1	17	<20
398414		<10	0.01	10	2.20	7500	<1	<0.01	2	160	<2	0.25	<5	<1	15	<20
398415		<10	0.03	10	3.77	6830	1	<0.01	8	160	6	1.34	<5	<1	61	<20
398416		20	4.35	10	1.92	480	<1	3.00	81	1050	66	3.54	<5	6	343	<20
398417		<10	0.08	10	1.94	10400	1	0.01	16	390	3	0.66	<5	1	11	<20
398418		<10	0.03	10	2.04	7010	<1	0.01	15	160	2	0.42	<5	1	68	<20
398419		<10	0.05	10	1.99	8590	<1	<0.01	17	210	11	0.78	<5	1	78	<20
398420		<10	0.06	10	0.54	5890	<1	<0.01	25	170	7	0.22	<5	1	23	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130180

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398401		0.12	<10	<10	218	<10	47
398402		0.14	<10	<10	214	<10	46
398403		0.03	10	<10	38	<10	66
398404		0.01	10	<10	38	<10	69
398405		<0.01	10	<10	16	<10	89
398406		<0.01	10	<10	8	<10	23
398407		0.49	<10	<10	63	<10	231
398408		<0.01	10	<10	9	<10	54
398409		<0.01	<10	<10	13	<10	112
398410		0.01	10	<10	21	<10	100
398411		<0.01	<10	10	3	<10	29
398412		<0.01	10	<10	16	<10	120
398413		0.01	10	<10	17	<10	21
398414		0.01	10	<10	17	<10	19
398415		0.01	10	<10	17	<10	28
398416		0.56	10	<10	74	<10	68
398417		0.01	10	<10	19	<10	92
398418		0.01	10	<10	15	<10	64
398419		0.01	<10	<10	17	<10	56
398420		<0.01	<10	<10	16	<10	58

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130180

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130183

Projet: KAN

Bon de commande #: KAN- 16- 049

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130183

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398421		3.58	1.110		<0.5	0.43	46	40	<0.5	<2	2.01	<0.5	7	5	58	29.6
398422		<0.02	3.68		<0.5	0.43	46	40	<0.5	<2	1.98	<0.5	10	5	59	29.6
398423		6.13	1.200		<0.5	0.26	242	20	<0.5	<2	2.80	0.8	7	6	23	22.3
398424		6.27	0.088		<0.5	0.25	678	20	<0.5	<2	2.23	<0.5	5	7	25	11.35
398425		2.33	0.064		1.2	2.91	32	80	1.3	<2	0.06	<0.5	4	52	58	13.85
398426		4.37	0.056		1.7	3.74	15	100	1.9	<2	0.03	<0.5	4	75	81	12.20
398427		0.08	1.295		1.1	8.06	105	120	4.6	<2	2.31	2.7	20	61	66	5.23
398428		5.10	0.039		0.8	2.45	38	90	1.2	3	0.02	<0.5	4	48	39	11.75
398429		3.24	0.032		0.5	7.17	90	410	3.7	<2	0.01	<0.5	3	96	43	7.19
398430		4.65	0.013		1.2	0.23	6190	10	<0.5	<2	<0.01	<0.5	4	7	158	23.3
398431		0.16	<0.005		<0.5	0.03	133	120	<0.5	3	16.9	<0.5	<1	2	4	0.69
398432		4.71	0.005		0.7	0.13	751	<10	<0.5	<2	0.01	<0.5	4	5	92	15.85
398433		4.55	0.007		1.4	0.21	2010	<10	<0.5	2	0.32	<0.5	6	5	254	29.8
398434		3.73	0.005		1.2	0.14	296	<10	<0.5	<2	1.13	<0.5	11	3	320	27.1
398435		4.23	0.007		1.1	0.12	438	<10	<0.5	6	0.20	<0.5	15	3	234	31.4
398436		0.07	>10.0	16.85	1.0	7.88	67	320	2.7	19	2.54	0.6	23	73	213	6.40
398437		4.94	0.018		0.8	0.52	326	20	<0.5	<2	0.11	<0.5	14	12	149	28.3
398438		5.65	0.006		0.6	2.20	394	90	0.9	5	0.95	<0.5	20	33	180	25.1
398439		4.28	0.021		0.9	2.74	652	50	0.5	<2	0.52	<0.5	43	41	219	27.6
398440		3.46	0.022		0.5	0.31	1780	<10	<0.5	2	1.18	<0.5	20	8	134	30.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130183

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398421		<10	0.13	10	1.15	8240	<1	0.01	16	260	4	0.39	<5	1	40	<20
398422		<10	0.13	10	1.11	8150	<1	0.01	16	250	7	0.40	<5	1	39	<20
398423		<10	0.06	10	1.96	6450	<1	<0.01	17	210	4	0.21	5	<1	46	<20
398424		<10	0.07	10	1.05	3660	2	0.01	9	90	3	0.90	<5	1	43	<20
398425		10	1.22	20	0.43	515	15	0.05	5	230	27	0.30	5	7	13	<20
398426		10	1.40	30	0.82	1205	20	0.04	9	330	41	0.21	9	10	16	<20
398427		30	4.23	10	1.76	449	1	3.61	72	990	159	2.80	5	5	260	<20
398428		10	0.94	20	0.57	526	17	0.03	6	250	41	0.20	5	7	8	<20
398429		20	3.57	40	0.52	314	24	0.08	3	170	30	0.30	8	13	17	<20
398430		<10	0.07	<10	0.06	2020	1	<0.01	24	50	11	0.49	<5	<1	1	<20
398431		<10	0.01	<10	12.85	401	<1	0.02	2	50	13	0.01	<5	<1	105	<20
398432		<10	0.01	<10	0.08	776	<1	<0.01	15	<10	3	0.79	<5	<1	<1	<20
398433		<10	0.01	10	0.55	2380	<1	<0.01	59	70	5	2.97	<5	<1	11	<20
398434		<10	<0.01	10	1.72	4540	<1	<0.01	133	60	10	7.46	<5	<1	33	<20
398435		<10	0.01	10	1.51	4940	<1	<0.01	109	90	8	7.65	<5	<1	7	<20
398436		20	4.32	10	1.91	474	1	2.99	82	1060	61	3.70	6	5	345	<20
398437		<10	0.17	10	0.21	1890	2	0.01	30	290	11	1.24	<5	1	6	<20
398438		10	0.83	20	1.45	3250	6	0.03	173	220	10	4.33	6	4	35	<20
398439		10	0.47	20	3.04	4020	9	0.02	138	350	15	>10.0	<5	5	17	<20
398440		<10	<0.01	10	3.90	10850	<1	<0.01	72	490	6	6.91	<5	1	23	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130183

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398421		0.01	<10	<10	24	<10	50
398422		0.01	<10	<10	23	<10	50
398423		<0.01	<10	<10	20	<10	43
398424		0.01	<10	<10	18	<10	28
398425		0.05	<10	<10	127	<10	28
398426		0.09	<10	<10	169	<10	54
398427		0.51	<10	<10	65	<10	231
398428		0.08	<10	<10	120	<10	40
398429		0.18	<10	<10	265	<10	27
398430		<0.01	<10	<10	17	<10	66
398431		<0.01	<10	<10	4	<10	24
398432		<0.01	<10	<10	9	<10	41
398433		<0.01	<10	<10	13	<10	70
398434		<0.01	<10	<10	8	<10	67
398435		<0.01	<10	<10	10	<10	79
398436		0.56	<10	<10	74	<10	70
398437		0.01	<10	<10	27	<10	46
398438		0.05	<10	<10	72	<10	63
398439		0.04	<10	<10	98	<10	109
398440		0.01	<10	<10	22	<10	105

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130183

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130185

Projet: KAN

Bon de commande #: KAN16- 050

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130185

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398441		3.99	<0.005		<0.5	0.15	32	<10	0.7	<2	0.77	0.5	15	9	15	24.5
398442		<0.02	<0.005		<0.5	0.16	29	<10	0.7	<2	0.79	<0.5	18	7	17	24.9
398443		6.45	0.218		<0.5	0.19	<5	10	<0.5	<2	3.06	0.6	3	10	4	19.85
398444		6.53	0.028		<0.5	0.18	<5	10	<0.5	<2	1.56	<0.5	6	13	6	23.4
398445		4.31	0.183		<0.5	0.28	31	30	<0.5	<2	2.72	0.9	6	9	44	28.5
398446		3.88	0.019		<0.5	0.44	462	20	<0.5	<2	0.25	<0.5	3	14	92	18.25
398447		0.03	1.265		0.9	7.99	98	120	4.3	<2	2.31	3.1	18	64	59	5.31
398448		2.81	<0.005		<0.5	0.16	33	<10	<0.5	<2	0.58	<0.5	1	17	5	11.20
398449		3.08	<0.005		<0.5	0.09	24	<10	<0.5	<2	0.80	<0.5	3	7	10	18.60
398450		2.31	<0.005		<0.5	0.27	9	10	<0.5	<2	0.90	<0.5	3	18	45	12.15
398451		0.15	<0.005		<0.5	0.04	<5	60	<0.5	2	18.9	<0.5	<1	2	6	0.18
398452		4.33	0.040		1.2	3.34	7	110	2.0	<2	0.04	<0.5	11	66	76	11.10
398453		3.37	0.020		1.5	3.11	5	130	1.5	<2	0.02	<0.5	15	62	112	13.15
398454		4.64	0.020		0.5	5.64	15	290	2.6	<2	0.02	<0.5	5	103	64	12.70
398455		2.66	0.005		1.1	0.61	<5	10	<0.5	<2	0.02	<0.5	8	14	164	23.0
398456		0.03	>10.0	17.00	0.9	7.69	68	300	2.6	23	2.41	0.7	21	72	229	6.12
398457		2.92	<0.005		1.2	0.26	<5	10	<0.5	<2	0.08	<0.5	14	4	275	33.5
398458		3.62	<0.005		1.4	0.48	<5	<10	<0.5	3	0.74	<0.5	13	3	299	31.2
398459		4.72	0.006		1.1	0.36	<5	<10	<0.5	<2	0.63	<0.5	12	5	240	26.4
398460		3.84	0.007		1.8	1.30	84	10	<0.5	<2	0.23	<0.5	20	9	425	27.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130185

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398441		<10	0.01	10	2.40	7560	<1	<0.01	4	140	9	0.53	<5	<1	10	<20
398442		<10	0.01	10	2.46	7720	<1	<0.01	4	150	6	0.55	<5	<1	11	<20
398443		<10	0.03	10	2.63	5020	1	<0.01	5	190	3	0.24	<5	<1	51	<20
398444		<10	0.04	10	2.49	6580	<1	<0.01	1	240	4	0.22	<5	<1	31	<20
398445		<10	0.08	10	2.30	5730	1	0.01	6	250	9	0.60	<5	1	56	<20
398446		<10	0.19	10	0.24	891	3	0.01	3	100	7	0.63	<5	1	7	<20
398447		30	4.10	10	1.73	440	2	3.54	71	940	143	2.67	<5	5	254	<20
398448		<10	0.02	10	1.16	2700	<1	0.01	2	120	<2	0.20	<5	<1	9	<20
398449		<10	0.01	<10	1.82	4650	<1	<0.01	2	200	4	0.18	<5	<1	13	<20
398450		<10	0.08	10	0.89	2200	2	0.01	9	120	4	1.02	<5	1	19	<20
398451		<10	0.04	<10	13.70	456	<1	0.06	1	20	6	<0.01	7	<1	118	<20
398452		10	1.47	20	0.51	378	18	0.04	6	340	34	0.44	11	9	11	<20
398453		10	1.26	20	0.55	981	14	0.04	21	360	21	0.60	<5	8	9	<20
398454		20	2.64	30	0.65	213	21	0.07	4	350	21	0.37	6	13	14	<20
398455		<10	0.08	10	0.51	1965	1	<0.01	33	240	9	1.05	<5	1	1	<20
398456		20	4.11	10	1.81	448	1	2.85	77	990	61	3.38	6	5	328	<20
398457		<10	0.10	<10	0.32	1285	<1	0.01	58	90	5	2.28	<5	<1	5	<20
398458		<10	0.01	<10	1.48	2710	<1	<0.01	106	20	6	8.61	<5	<1	23	<20
398459		<10	0.01	10	1.20	2790	1	<0.01	105	80	6	6.57	<5	<1	24	<20
398460		10	0.06	10	1.54	1985	<1	<0.01	194	100	9	8.09	<5	1	8	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130185

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398441		<0.01	<10	<10	12	<10	37
398442		<0.01	<10	<10	13	<10	37
398443		0.01	<10	<10	20	<10	22
398444		0.01	<10	<10	19	<10	19
398445		0.01	<10	<10	25	<10	51
398446		0.01	<10	<10	28	<10	21
398447		0.48	<10	<10	62	<10	234
398448		<0.01	<10	<10	13	<10	17
398449		<0.01	<10	<10	8	<10	25
398450		0.01	10	<10	27	<10	63
398451		<0.01	<10	<10	3	<10	26
398452		0.08	<10	<10	141	<10	63
398453		0.06	<10	<10	122	<10	50
398454		0.11	<10	<10	217	<10	34
398455		0.01	<10	<10	34	<10	68
398456		0.53	<10	<10	71	<10	71
398457		<0.01	<10	<10	13	<10	45
398458		<0.01	<10	<10	20	<10	58
398459		<0.01	<10	<10	16	<10	84
398460		0.01	<10	<10	46	<10	111

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130185

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130186

Projet: KAN

Bon de commande #: KAN16- 058

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130186

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398101		2.66	0.068		2.1	4.35	<5	170	2.6	<2	0.03	<0.5	17	75	207	28.7
398102		<0.02	0.071		2.0	4.62	<5	170	2.7	<2	0.03	<0.5	20	78	224	30.9
398103		7.66	0.012		<0.5	0.05	<5	10	<0.5	<2	1.76	<0.5	3	15	5	13.25
398104		1.91	0.015		<0.5	1.06	7	30	<0.5	<2	0.30	<0.5	20	31	333	40.3
398105		3.17	0.064		0.8	4.22	7	240	2.3	<2	0.07	<0.5	50	73	297	28.6
398106		5.79	<0.005		<0.5	0.06	<5	330	0.5	<2	1.22	0.7	6	7	5	24.1
398107		0.03	1.330		1.1	8.18	111	120	4.5	<2	2.34	2.6	18	67	62	5.53
398108		5.12	<0.005		<0.5	0.07	<5	<10	0.6	<2	0.83	0.6	6	5	5	27.9
398109		6.29	<0.005		<0.5	0.04	<5	220	0.5	<2	1.11	0.5	5	3	<1	23.4
398110		4.12	<0.005		<0.5	0.04	<5	<10	<0.5	<2	1.58	0.6	6	7	<1	22.9
398111		0.14	<0.005		<0.5	0.04	<5	200	<0.5	<2	14.3	<0.5	<1	5	1	0.77
398112		4.87	<0.005		<0.5	0.03	<5	<10	<0.5	<2	1.50	0.6	4	6	<1	20.5
398113		3.44	0.052		<0.5	0.38	<5	10	0.5	<2	3.03	0.9	8	9	2	25.9
398114		2.65	<0.005		<0.5	0.01	<5	<10	0.5	<2	0.82	<0.5	3	7	<1	24.4
398115		5.20	<0.005		<0.5	0.02	<5	<10	<0.5	<2	1.59	<0.5	2	10	<1	16.75
398116		0.08	>10.0	16.60	0.9	7.91	73	310	2.7	15	2.47	0.9	22	79	240	6.39
398117		4.73	<0.005		<0.5	0.04	<5	10	<0.5	3	1.42	<0.5	1	5	9	17.85
398118		3.34	1.655		<0.5	0.07	<5	10	<0.5	<2	1.42	<0.5	2	7	5	29.2
398119		5.01	>10.0	14.00	2.1	0.18	41	10	<0.5	2	3.09	0.7	5	7	17	21.5
398120		4.39	0.701		<0.5	0.15	5	<10	<0.5	<2	2.14	<0.5	3	5	6	23.4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130186

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398101		20	2.01	10	0.29	1355	13	0.05	29	420	44	0.72	8	7	14	<20
398102		20	2.11	20	0.31	1445	15	0.05	28	470	46	0.77	11	8	15	<20
398103		<10	0.01	<10	1.84	5340	<1	<0.01	2	130	2	0.03	<5	<1	23	<20
398104		<10	0.20	10	0.39	2690	2	0.01	28	540	6	0.25	<5	2	10	<20
398105		20	1.71	20	0.32	4300	15	0.04	91	340	32	0.34	14	7	14	<20
398106		<10	0.01	10	2.47	7440	<1	<0.01	1	130	3	0.01	<5	<1	19	<20
398107		30	4.15	10	1.72	490	2	3.53	70	960	150	2.76	<5	5	260	<20
398108		<10	0.01	10	1.84	10250	<1	<0.01	5	120	5	0.01	<5	<1	15	<20
398109		<10	0.01	10	2.68	8450	<1	<0.01	2	110	<2	0.01	<5	<1	14	<20
398110		<10	0.01	10	3.10	8220	<1	<0.01	2	110	3	0.02	<5	<1	20	<20
398111		<10	0.03	<10	11.05	542	<1	0.03	1	30	5	<0.01	<5	<1	94	<20
398112		<10	0.01	<10	2.90	9150	<1	<0.01	1	90	4	0.01	<5	<1	19	<20
398113		<10	0.04	10	3.54	11000	<1	<0.01	5	290	6	0.09	<5	1	42	<20
398114		<10	<0.01	<10	2.60	8140	<1	<0.01	2	60	5	<0.01	<5	<1	9	<20
398115		<10	0.01	10	2.31	5850	<1	<0.01	1	60	<2	<0.01	<5	<1	19	<20
398116		20	4.16	10	1.85	532	1	2.87	79	1040	66	3.51	<5	6	339	<20
398117		<10	0.01	<10	2.64	5600	<1	<0.01	2	90	3	<0.01	<5	<1	19	<20
398118		<10	0.02	10	2.90	12600	<1	<0.01	3	160	5	0.21	<5	<1	21	<20
398119		<10	0.05	10	2.63	8730	<1	<0.01	5	160	7	0.83	<5	<1	93	<20
398120		<10	0.03	10	3.17	7710	<1	<0.01	1	50	4	0.48	<5	<1	43	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130186

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398101		0.08	<10	<10	106	<10	88
398102		0.08	10	<10	111	<10	94
398103		<0.01	<10	<10	6	<10	7
398104		0.02	<10	<10	23	<10	131
398105		0.06	<10	<10	95	<10	183
398106		<0.01	<10	<10	8	<10	11
398107		0.50	<10	<10	63	<10	229
398108		<0.01	<10	<10	10	<10	14
398109		<0.01	<10	<10	6	<10	8
398110		<0.01	<10	<10	8	<10	8
398111		<0.01	<10	<10	3	<10	28
398112		<0.01	<10	<10	6	<10	9
398113		0.03	<10	<10	28	<10	18
398114		<0.01	<10	<10	6	<10	7
398115		<0.01	<10	<10	4	<10	6
398116		0.56	<10	<10	73	<10	67
398117		<0.01	<10	<10	8	<10	13
398118		<0.01	<10	<10	8	<10	19
398119		0.01	10	<10	13	<10	26
398120		<0.01	<10	<10	12	<10	24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130186

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130263

Projet: KAN

Bon de commande #: KAN16- 051

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130263

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398461		2.92	0.035		1.1	6.27	<5	320	2.9	<2	0.02	<0.5	1	105	51	11.65
398462		<0.02	0.032		1.1	6.15	<5	320	2.9	<2	0.01	<0.5	<1	101	44	10.50
398463		2.10	0.194		<0.5	0.42	<5	20	<0.5	2	4.70	<0.5	1	14	28	13.10
398464		1.12	<0.005		<0.5	0.40	<5	40	<0.5	<2	0.01	<0.5	1	24	19	2.24
398465		2.80	0.013		1.3	0.06	41	<10	<0.5	<2	1.93	<0.5	91	5	140	25.2
398466		1.60	0.010		1.1	0.02	12	10	<0.5	2	0.01	<0.5	6	9	202	16.50
398467		0.03	1.340		1.1	8.15	98	120	4.4	3	2.32	2.6	19	63	58	5.27
398468		5.99	0.007		1.5	0.25	<5	<10	<0.5	<2	1.17	<0.5	17	6	277	22.9
398469		6.66	0.006		1.0	0.35	14	<10	<0.5	<2	1.44	<0.5	12	6	251	25.1
398470		6.61	0.005		1.4	1.09	<5	<10	<0.5	2	0.42	<0.5	21	10	331	19.15
398471		0.14	0.007		<0.5	0.02	<5	30	<0.5	<2	17.8	<0.5	<1	3	10	0.81
398472		3.88	0.010		2.8	0.14	92	<10	<0.5	<2	1.49	<0.5	30	7	404	24.1
398473		4.50	0.016		1.8	0.25	140	<10	<0.5	4	2.23	<0.5	4	8	258	21.4
398474		3.11	0.040		1.0	0.21	3700	<10	<0.5	<2	0.57	<0.5	5	7	131	20.6
398475		2.52	0.033		0.8	1.00	9330	<10	<0.5	<2	2.53	0.6	9	10	137	18.90
398476		0.05	>10.0	17.70	0.8	7.84	79	320	2.7	24	2.44	0.8	22	73	237	6.25
398477		3.47	0.045		1.4	0.58	2060	10	<0.5	3	1.48	<0.5	10	17	183	24.6
398478		1.14	>10.0	19.30	0.6	0.53	30	<10	<0.5	<2	1.61	<0.5	1	4	57	18.95
398479		3.39	1.240		0.5	0.98	193	10	<0.5	2	1.88	1.0	1	21	62	25.5
398480		3.72	6.79		0.5	0.96	14	80	<0.5	<2	6.67	1.3	3	10	28	25.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130263

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398461		20	3.15	30	0.53	54	25	0.09	2	310	37	0.94	13	14	14	<20
398462		20	3.10	30	0.50	62	24	0.09	2	270	36	0.95	12	14	14	<20
398463		<10	0.14	10	2.14	4180	<1	0.07	10	250	4	1.80	5	1	108	<20
398464		<10	0.20	<10	0.04	97	1	0.01	2	20	<2	0.09	<5	1	2	<20
398465		<10	0.02	<10	2.21	4520	<1	<0.01	86	40	8	>10.0	5	<1	51	<20
398466		<10	0.01	<10	0.02	183	<1	<0.01	121	<10	4	>10.0	<5	<1	<1	<20
398467		30	4.12	10	1.72	437	1	3.57	68	940	148	2.67	<5	5	254	<20
398468		<10	0.07	10	2.68	6200	<1	0.01	172	110	9	>10.0	<5	<1	41	<20
398469		<10	0.02	<10	2.76	4840	<1	0.01	129	<10	8	>10.0	<5	<1	51	<20
398470		<10	0.01	10	2.14	3210	<1	<0.01	165	60	9	8.36	<5	1	14	<20
398471		<10	0.01	<10	12.25	503	<1	0.02	8	20	3	0.32	5	<1	193	<20
398472		<10	<0.01	10	3.00	8300	<1	<0.01	224	360	22	>10.0	6	<1	29	<20
398473		<10	<0.01	10	2.56	7840	<1	<0.01	134	350	16	>10.0	6	<1	65	<20
398474		<10	<0.01	10	1.87	8440	<1	0.01	65	240	5	5.74	<5	<1	11	<20
398475		<10	0.01	<10	2.58	7160	<1	<0.01	81	70	5	7.44	<5	1	59	<20
398476		20	4.22	10	1.83	467	1	2.95	81	1040	63	3.38	<5	5	347	<20
398477		<10	0.01	10	2.56	9740	<1	<0.01	96	480	8	8.25	5	1	34	<20
398478		<10	<0.01	<10	1.59	6790	<1	0.02	24	190	2	2.77	<5	<1	41	<20
398479		<10	0.01	10	2.95	10350	<1	0.02	27	500	<2	3.62	<5	2	57	<20
398480		<10	0.11	10	3.26	10200	<1	0.01	10	350	9	2.11	<5	2	260	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130263

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398461		0.20	10	<10	200	<10	22
398462		0.20	<10	<10	194	<10	21
398463		0.01	<10	<10	21	<10	38
398464		0.02	<10	<10	15	<10	4
398465		<0.01	<10	<10	6	<10	53
398466		<0.01	<10	<10	1	<10	16
398467		0.48	<10	<10	61	<10	227
398468		<0.01	<10	<10	10	<10	80
398469		<0.01	<10	<10	14	<10	62
398470		<0.01	<10	<10	43	<10	122
398471		<0.01	<10	<10	3	<10	18
398472		<0.01	<10	<10	16	<10	39
398473		<0.01	<10	<10	13	<10	47
398474		<0.01	<10	<10	10	<10	56
398475		0.01	<10	<10	36	<10	78
398476		0.54	<10	<10	71	<10	68
398477		0.01	<10	<10	30	<10	73
398478		<0.01	<10	<10	19	<10	61
398479		0.02	<10	<10	45	<10	95
398480		0.03	<10	<10	34	<10	95

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130263

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130264

Projet: KAN

Bon de commande #: KAN16- 052

Ce rapport s'applique aux 19 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130264

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398481		6.49	0.046		<0.5	0.07	<5	10	<0.5	3	1.34	<0.5	<1	4	1	28.9
398482		<0.02	0.069		<0.5	0.07	<5	10	<0.5	<2	1.38	<0.5	<1	6	1	29.3
398483		5.74	0.011		<0.5	0.33	<5	30	0.5	<2	1.32	<0.5	6	17	2	26.4
398484		6.02	<0.005		<0.5	0.23	<5	10	<0.5	<2	1.20	<0.5	3	11	<1	24.0
398485		8.28	<0.005		<0.5	0.35	<5	<10	<0.5	<2	1.46	0.5	5	13	1	22.8
398486		6.11	0.013		1.4	0.18	573	<10	<0.5	<2	2.57	0.5	6	3	222	23.5
398487		0.04	1.340		1.0	7.44	97	120	4.3	2	2.20	2.3	17	61	57	5.05
398488		3.61	0.094		1.1	0.51	61	<10	<0.5	<2	2.81	0.5	26	6	215	19.45
398489		0.97	0.006		0.5	0.93	467	10	<0.5	<2	0.28	<0.5	13	20	224	23.4
398490		1.30	<0.005		<0.5	0.04	<5	<10	<0.5	<2	0.97	<0.5	1	4	5	15.05
398491		0.19	<0.005		<0.5	0.37	5	160	<0.5	2	17.5	<0.5	<1	2	9	0.72
398492		3.47	<0.005		<0.5	0.02	<5	<10	<0.5	<2	0.78	<0.5	<1	5	2	18.00
398493		2.32	<0.005		<0.5	0.03	<5	<10	<0.5	<2	1.00	<0.5	2	3	2	23.5
398494		2.01	<0.005		<0.5	0.12	36	<10	<0.5	<2	1.13	<0.5	3	6	1	22.1
398495		1.11	<0.005		0.5	0.15	<5	<10	<0.5	2	3.12	<0.5	<1	6	111	10.25
398496		0.05	>10.0	17.35	1.3	7.43	63	310	2.7	16	2.42	0.5	21	73	235	6.00
398497		1.54	0.009		0.7	0.38	83	<10	<0.5	<2	3.21	<0.5	5	11	141	11.10
398498		1.76	0.022		1.6	2.03	83	10	<0.5	<2	0.09	<0.5	172	48	219	26.2
398499		0.80	0.014		1.6	0.23	117	10	<0.5	<2	3.11	<0.5	3	4	164	22.6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130264

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398481		<10	0.01	10	3.65	8150	1	<0.01	3	220	<2	0.13	<5	<1	23	<20
398482		<10	0.01	10	3.73	8210	1	<0.01	1	220	2	0.12	<5	<1	24	<20
398483		<10	0.03	10	3.54	8130	1	<0.01	6	330	2	0.11	<5	1	23	<20
398484		<10	0.01	<10	3.44	7710	<1	<0.01	6	210	<2	0.05	<5	1	20	<20
398485		<10	<0.01	10	3.36	7310	<1	<0.01	5	230	3	0.07	<5	1	24	<20
398486		<10	<0.01	10	1.51	8390	1	<0.01	149	320	10	8.58	<5	<1	51	<20
398487		20	4.00	10	1.68	427	2	3.42	67	920	164	2.69	5	5	241	<20
398488		<10	0.01	10	1.83	7500	<1	<0.01	160	150	11	7.98	<5	1	44	<20
398489		<10	0.05	10	1.62	7480	<1	0.02	130	500	14	3.00	<5	3	4	<20
398490		<10	<0.01	<10	1.53	3730	<1	<0.01	5	20	4	0.18	<5	<1	14	<20
398491		<10	0.26	<10	12.75	490	<1	0.11	4	60	51	0.08	<5	<1	212	<20
398492		<10	<0.01	<10	1.53	3990	<1	<0.01	3	140	2	0.08	<5	<1	10	<20
398493		<10	<0.01	<10	1.92	6110	<1	<0.01	2	100	3	0.18	<5	<1	14	<20
398494		<10	0.01	<10	2.15	7790	<1	<0.01	3	120	4	0.11	<5	<1	14	<20
398495		<10	<0.01	<10	1.51	3420	1	<0.01	69	90	6	5.23	<5	1	63	<20
398496		20	4.07	10	1.83	451	2	2.88	79	1020	63	3.48	<5	5	329	<20
398497		<10	0.01	<10	1.59	3190	<1	0.01	72	60	4	5.25	<5	1	72	<20
398498		<10	0.09	40	1.56	428	14	0.01	142	380	15	>10.0	<5	3	4	<20
398499		<10	<0.01	10	0.31	2630	<1	<0.01	72	260	12	4.12	<5	1	62	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130264

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398481		<0.01	<10	<10	10	<10	19
398482		<0.01	<10	<10	9	<10	20
398483		0.03	<10	<10	28	<10	15
398484		0.02	<10	<10	18	<10	11
398485		0.03	<10	<10	26	<10	10
398486		<0.01	<10	<10	10	<10	65
398487		0.48	<10	<10	60	<10	212
398488		<0.01	<10	<10	23	<10	80
398489		0.01	<10	<10	49	<10	133
398490		<0.01	<10	<10	5	<10	19
398491		0.01	<10	<10	4	<10	26
398492		<0.01	<10	<10	5	<10	11
398493		<0.01	<10	<10	6	<10	21
398494		0.01	<10	<10	11	<10	22
398495		<0.01	<10	<10	7	<10	18
398496		0.55	<10	<10	73	<10	64
398497		<0.01	<10	<10	14	<10	27
398498		0.10	<10	<10	90	<10	85
398499		<0.01	<10	<10	14	<10	41

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130264

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130265

Projet: KAN

Bon de commande #: KAN16- 053

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130265

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398501		2.99	<0.005		<0.5	3.57	<5	100	0.8	<2	2.32	0.7	5	65	34	15.95
398502		<0.02	<0.005		<0.5	3.50	<5	100	0.8	<2	2.49	0.7	7	65	36	16.55
398503		3.63	<0.005		<0.5	3.22	6	50	0.6	<2	0.10	<0.5	41	69	34	6.82
398504		1.32	0.084		1.9	7.07	<5	440	3.2	<2	0.22	<0.5	7	98	53	8.26
398505		4.70	0.005		<0.5	1.90	7	50	0.5	<2	4.12	0.6	13	48	70	11.15
398506		2.13	<0.005		0.5	1.54	<5	20	<0.5	<2	7.46	1.2	12	29	86	16.60
398507		0.04	1.250		1.2	8.28	101	120	4.5	4	2.40	2.5	19	64	62	5.46
398508		1.19	<0.005		<0.5	2.60	<5	40	<0.5	<2	2.28	0.6	3	29	72	9.98
398509		1.84	<0.005		<0.5	0.88	<5	20	<0.5	<2	1.09	<0.5	16	15	29	5.67
398510		1.71	0.014		1.4	0.17	<5	10	<0.5	<2	0.05	0.5	259	6	200	28.2
398511		0.16	<0.005		<0.5	0.04	<5	60	<0.5	<2	21.4	<0.5	<1	2	2	0.31
398512		4.02	0.048		<0.5	0.16	<5	20	<0.5	<2	5.88	0.9	2	7	1	18.70
398513		5.53	0.331		<0.5	0.39	<5	20	<0.5	<2	4.02	1.0	5	11	5	22.5
398514		3.31	<0.005		<0.5	7.11	<5	540	2.0	<2	0.06	<0.5	2	89	52	7.22
398515		3.33	<0.005		1.2	3.06	18	20	0.5	2	2.20	<0.5	16	31	262	16.55
398516		0.04	>10.0	NSS	0.9	8.03	70	330	2.8	14	2.56	0.9	22	75	242	6.52
398517		3.16	4.18		<0.5	0.34	12	30	<0.5	2	1.90	0.7	7	4	50	29.0
398518		3.35	0.570		<0.5	0.23	6	20	<0.5	<2	1.16	<0.5	5	5	36	27.0
398519		3.89	0.113		<0.5	0.12	20	10	<0.5	<2	1.11	0.5	8	3	19	29.0
398520		4.78	0.889		<0.5	0.16	8	20	<0.5	3	1.21	0.6	4	6	21	26.2

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130265

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398501		10	0.98	20	2.03	5810	3	0.03	21	300	5	1.62	<5	7	109	<20
398502		10	0.95	20	2.08	6110	3	0.03	22	320	5	1.68	<5	7	115	<20
398503		10	0.63	20	2.07	387	6	0.02	26	250	<2	3.05	<5	6	6	<20
398504		20	3.88	40	0.65	394	26	0.11	7	180	63	0.59	26	12	21	<20
398505		10	0.62	10	2.25	4320	3	0.03	39	200	8	4.18	<5	4	144	<20
398506		10	0.22	10	3.81	12000	<1	0.01	46	410	6	2.92	6	4	273	<20
398507		30	4.31	10	1.75	452	<1	3.62	71	1010	155	2.75	7	5	268	<20
398508		10	0.47	10	2.93	4140	<1	0.02	42	620	3	4.49	6	5	75	<20
398509		<10	0.25	<10	1.05	1490	<1	0.01	16	160	<2	2.19	<5	2	35	<20
398510		<10	0.07	<10	0.05	119	<1	0.01	145	30	<2	>10.0	<5	<1	<1	<20
398511		<10	0.03	<10	13.50	477	<1	0.02	<1	60	<2	0.09	12	<1	173	<20
398512		<10	0.05	<10	3.21	5850	<1	<0.01	<1	140	<2	0.06	<5	<1	92	<20
398513		<10	0.07	10	3.33	8570	<1	<0.01	5	390	2	0.26	6	1	91	<20
398514		20	3.78	30	1.59	166	1	0.04	5	200	11	0.34	<5	12	17	<20
398515		10	0.35	20	2.01	1670	3	0.02	125	2560	20	8.64	<5	5	61	<20
398516		20	4.46	10	1.89	465	1	3.05	84	1080	65	3.57	7	5	358	<20
398517		<10	0.07	<10	1.91	6760	1	0.01	5	100	<2	0.75	<5	<1	53	<20
398518		<10	0.04	<10	2.54	5730	<1	<0.01	2	80	4	0.64	<5	<1	25	<20
398519		<10	0.03	10	2.59	5620	<1	<0.01	2	210	<2	1.06	<5	<1	17	<20
398520		<10	0.04	<10	2.38	5080	1	<0.01	<1	120	<2	0.81	<5	<1	25	<20

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CERTIFICAT D'ANALYSE VO16130265

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398501		0.08	<10	<10	186	<10	143
398502		0.08	<10	<10	181	<10	143
398503		0.08	<10	<10	149	<10	142
398504		0.23	<10	<10	287	10	44
398505		0.04	<10	<10	84	<10	93
398506		0.03	10	<10	73	<10	114
398507		0.50	<10	<10	63	<10	247
398508		0.03	<10	<10	137	<10	162
398509		<0.01	<10	<10	30	<10	52
398510		<0.01	<10	<10	6	<10	229
398511		<0.01	<10	<10	3	<10	17
398512		<0.01	10	<10	9	<10	25
398513		0.02	<10	<10	24	<10	28
398514		0.25	<10	<10	124	<10	69
398515		0.03	<10	<10	146	<10	124
398516		0.57	<10	<10	74	<10	73
398517		<0.01	<10	<10	12	<10	33
398518		<0.01	<10	<10	10	<10	22
398519		<0.01	<10	<10	8	<10	16
398520		<0.01	10	<10	8	<10	17

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CERTIFICAT D'ANALYSE VO16130265

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.

Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	LOG- 21
LOG- 21d	LOG- 23	PUL- 31	PUL- 31d
PUL- QC	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130266

Projet: KAN

Bon de commande #: KAN16- 054

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICAT D'ANALYSE VO16130266

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398521		4.80	0.243		<0.5	0.12	<5	10	<0.5	<2	3.40	0.7	12	3	101	29.0
398522		<0.02	0.495		<0.5	0.12	<5	20	<0.5	<2	3.50	<0.5	10	4	105	30.1
398523		4.33	1.165		<0.5	0.25	<5	10	<0.5	<2	3.08	0.7	4	10	32	25.5
398524		4.05	0.017		<0.5	0.35	32	10	<0.5	2	1.40	0.5	4	10	4	27.9
398525		3.44	<0.005		<0.5	0.28	57	20	0.9	<2	2.58	<0.5	10	12	15	25.2
398526		4.89	0.037		<0.5	0.24	20	10	<0.5	3	5.68	0.5	4	10	3	21.4
398527		0.07	1.345		0.8	7.20	91	110	4.2	<2	2.13	2.1	17	61	57	4.92
398528		4.23	<0.005		<0.5	0.80	30	60	<0.5	<2	3.29	<0.5	6	15	15	24.4
398529		7.32	0.024		<0.5	0.22	22	10	<0.5	2	3.46	<0.5	3	9	6	24.3
398530		7.92	<0.005		<0.5	0.24	12	20	<0.5	<2	1.95	<0.5	3	11	1	25.5
398531		0.16	0.779		<0.5	0.16	19	350	<0.5	<2	8.63	<0.5	1	5	6	13.30
398532		8.90	0.013		<0.5	0.19	8	10	<0.5	2	2.80	<0.5	3	9	3	23.3
398533		5.66	0.011		<0.5	0.14	15	10	<0.5	<2	2.21	<0.5	3	6	8	23.6
398534		5.36	0.037		<0.5	0.13	26	10	0.5	<2	1.40	1.1	7	5	39	26.3
398535		5.40	2.22		<0.5	0.39	<5	30	<0.5	<2	5.21	1.4	2	7	17	22.8
398536		0.03	>10.0	17.20	0.9	7.64	53	320	2.7	20	2.43	0.8	23	70	244	6.09
398537		4.36	0.035		<0.5	0.21	<5	10	<0.5	<2	4.96	1.3	1	9	9	20.7
398538		4.47	0.543		<0.5	0.26	<5	20	<0.5	<2	1.38	1.0	9	7	68	27.7
398539		5.03	1.335		<0.5	0.57	22	30	<0.5	<2	5.04	1.4	15	8	81	26.5
398540		5.98	0.136		<0.5	0.18	<5	10	<0.5	2	7.75	1.6	17	6	215	25.5

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Finalisée date:
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Projet: KAN

CERTIFICAT D'ANALYSE VO16130266

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398521		<10	0.04	10	3.21	9780	2	0.01	6	240	5	3.08	<5	<1	64	<20
398522		<10	0.04	10	3.27	9910	2	0.01	6	250	6	3.20	<5	<1	66	<20
398523		<10	0.05	10	3.18	7270	2	<0.01	4	610	5	1.23	<5	<1	52	<20
398524		<10	0.05	10	2.44	5500	2	<0.01	5	670	3	0.20	<5	1	20	<20
398525		<10	0.05	10	3.18	4460	2	0.01	5	1110	5	0.46	<5	1	32	<20
398526		<10	0.05	10	4.02	4360	1	0.01	3	570	4	0.16	<5	<1	59	<20
398527		20	3.90	10	1.66	414	2	3.33	66	910	143	2.58	5	4	236	<20
398528		<10	0.29	10	3.00	5340	2	0.09	9	530	5	0.28	<5	2	56	<20
398529		<10	0.07	10	3.65	5030	1	0.01	3	560	3	0.20	<5	<1	46	<20
398530		<10	0.06	10	3.56	4270	2	<0.01	3	540	<2	0.12	<5	<1	23	<20
398531		<10	0.07	<10	6.91	2540	1	0.04	2	360	6	0.24	<5	<1	84	<20
398532		<10	0.05	10	3.65	4110	1	<0.01	2	360	2	0.16	<5	<1	31	<20
398533		<10	0.04	10	3.08	4300	1	<0.01	2	230	3	0.42	<5	<1	26	<20
398534		<10	0.04	<10	2.76	4470	<1	<0.01	5	220	5	1.02	<5	<1	21	<20
398535		<10	0.16	10	3.15	5540	1	<0.01	<1	390	3	0.25	<5	1	135	<20
398536		20	4.21	10	1.91	458	1	2.91	81	1040	62	3.56	7	6	334	<20
398537		<10	0.07	10	3.74	5330	1	0.01	2	420	4	0.22	<5	<1	102	<20
398538		<10	0.09	10	1.18	6770	<1	<0.01	3	200	7	0.33	<5	<1	35	<20
398539		<10	0.23	10	3.06	6450	1	<0.01	6	340	3	1.95	<5	1	99	<20
398540		<10	0.06	10	3.26	5670	4	0.01	10	430	8	5.12	<5	<1	118	<20

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CERTIFICAT D'ANALYSE VO16130266

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398521		0.01	<10	<10	11	<10	33
398522		0.01	10	<10	11	<10	35
398523		0.02	<10	<10	16	<10	21
398524		0.03	<10	<10	20	<10	12
398525		0.03	<10	<10	17	<10	13
398526		0.02	<10	<10	16	<10	13
398527		0.47	<10	<10	59	<10	211
398528		0.05	10	<10	25	<10	37
398529		0.02	<10	<10	14	<10	20
398530		0.02	10	<10	15	<10	11
398531		0.01	<10	<10	9	40	24
398532		0.02	<10	<10	14	<10	13
398533		0.01	<10	<10	13	<10	11
398534		0.01	<10	<10	10	<10	13
398535		0.02	<10	<10	23	<10	37
398536		0.57	<10	<10	73	<10	78
398537		0.01	<10	<10	14	<10	35
398538		0.01	<10	<10	14	<10	47
398539		0.02	<10	<10	30	<10	57
398540		0.01	<10	<10	13	<10	38

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COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130268

Projet: KAN

Bon de commande #: KAN16- 055

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130268

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398541		5.67	<0.005		<0.5	0.24	<5	20	<0.5	<2	8.61	1.1	3	7	9	21.5
398542		<0.02	0.005		<0.5	0.23	<5	10	<0.5	<2	8.65	1.1	3	7	9	21.0
398543		6.18	0.156		<0.5	0.26	<5	20	<0.5	<2	7.27	1.6	9	3	101	25.0
398544		7.30	0.203		0.6	0.23	29	20	<0.5	<2	8.69	1.2	22	2	223	28.8
398545		4.10	0.667		<0.5	0.30	<5	20	<0.5	2	6.74	1.5	7	9	74	21.0
398546		1.15	0.011		<0.5	0.16	<5	20	<0.5	<2	2.49	<0.5	1	12	8	4.72
398547		0.11	1.265		1.0	8.29	85	130	4.6	3	2.42	2.8	19	61	64	5.54
398548		1.59	0.018		<0.5	0.18	370	10	<0.5	<2	1.53	0.6	26	6	135	19.65
398549		5.74	0.738		<0.5	0.07	<5	10	<0.5	<2	6.51	1.1	2	6	4	25.4
398550		4.12	0.104		<0.5	0.06	<5	10	<0.5	<2	8.31	1.2	4	5	16	22.8
398651		0.16	<0.005		<0.5	0.09	<5	60	<0.5	<2	20.2	<0.5	<1	2	1	0.50
398652		6.65	0.023		<0.5	0.07	<5	10	<0.5	<2	9.83	1.5	1	10	8	21.9
398653		7.19	4.39		<0.5	0.28	<5	20	<0.5	<2	2.98	1.3	2	5	19	26.1
398654		2.83	0.068		<0.5	0.20	<5	10	<0.5	<2	12.60	1.3	1	3	3	16.00
398655		4.51	0.044		<0.5	0.37	<5	20	<0.5	<2	10.90	1.1	1	7	7	15.70
398656		0.16	>10.0	16.25	0.9	8.10	60	330	2.8	25	2.59	1.0	23	72	267	6.50
398657		5.98	0.361		<0.5	0.32	6	20	<0.5	<2	10.95	1.1	3	7	9	19.30
398658		3.49	0.298		<0.5	0.55	<5	30	<0.5	<2	9.88	1.5	3	5	14	18.20
398659		5.67	0.273		<0.5	0.45	<5	20	<0.5	<2	10.00	1.1	3	6	15	14.55
398660		5.23	0.761		<0.5	0.49	7	20	<0.5	<2	7.30	1.1	5	8	25	20.9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130268

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398541		<10	0.09	10	5.13	5460	1	0.02	2	180	3	0.51	<5	1	115	<20
398542		<10	0.09	10	5.12	5390	<1	0.01	2	170	2	0.43	<5	1	113	<20
398543		<10	0.11	10	4.21	6690	3	0.01	5	150	8	4.12	<5	1	128	<20
398544		<10	0.09	10	3.48	6430	4	0.01	10	190	13	9.16	<5	<1	156	<20
398545		<10	0.11	10	3.21	6550	1	0.03	6	190	9	3.24	<5	1	125	<20
398546		<10	0.08	<10	0.88	2430	<1	0.01	2	30	2	0.28	<5	1	75	<20
398547		30	4.36	10	1.91	493	2	3.70	76	1000	157	2.95	<5	5	269	<20
398548		<10	0.06	10	0.86	3150	4	<0.01	7	210	4	3.80	<5	<1	19	<20
398549		<10	0.03	10	3.73	13500	<1	0.01	1	240	3	0.29	<5	<1	65	<20
398550		<10	0.02	10	3.27	11300	<1	0.01	3	180	4	1.74	<5	<1	116	<20
398651		<10	0.07	<10	13.85	597	<1	0.05	1	50	7	0.01	7	<1	164	<20
398652		<10	0.03	10	4.47	10300	<1	0.01	2	260	5	0.54	<5	<1	120	<20
398653		<10	0.12	10	2.19	10850	<1	<0.01	4	340	3	0.49	<5	<1	55	<20
398654		<10	0.08	10	5.26	7040	<1	0.01	<1	310	5	0.19	<5	1	234	<20
398655		<10	0.17	10	4.61	6670	<1	0.01	1	210	3	0.41	<5	1	213	<20
398656		30	4.45	10	2.00	498	1	3.09	83	1090	64	3.81	<5	6	355	<20
398657		<10	0.15	10	4.61	7240	<1	0.01	<1	350	5	0.55	<5	1	211	<20
398658		<10	0.27	10	4.26	7430	<1	0.01	1	370	7	0.60	<5	1	222	<20
398659		<10	0.20	10	3.80	6560	<1	0.01	2	380	6	0.86	<5	1	238	<20
398660		<10	0.20	10	4.07	8350	<1	<0.01	4	500	5	1.04	<5	1	165	<20

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130268

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398541		0.02	<10	<10	16	<10	36
398542		0.01	<10	<10	16	<10	34
398543		0.01	<10	<10	15	<10	38
398544		0.01	<10	<10	12	<10	36
398545		0.01	<10	<10	14	<10	48
398546		<0.01	<10	<10	7	<10	18
398547		0.52	<10	<10	66	<10	237
398548		<0.01	<10	<10	10	<10	37
398549		<0.01	<10	<10	8	<10	17
398550		<0.01	<10	<10	6	<10	28
398651		<0.01	<10	<10	4	<10	22
398652		<0.01	<10	<10	8	<10	39
398653		0.01	<10	<10	15	<10	53
398654		0.01	<10	<10	13	<10	30
398655		0.01	<10	<10	17	<10	46
398656		0.60	<10	<10	77	<10	71
398657		0.01	<10	<10	16	<10	47
398658		0.01	<10	<10	26	<10	59
398659		0.01	<10	<10	21	<10	46
398660		0.02	<10	<10	23	<10	58

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130268

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130269

Projet: KAN

Bon de commande #: KAN16- 056

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date:
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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130269

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398661		5.02	0.746		<0.5	0.31	95	20	<0.5	<2	7.98	1.3	4	10	23	21.7
398662		<0.02	0.727		<0.5	0.29	84	20	<0.5	<2	7.84	1.4	4	8	24	21.6
398663		4.89	0.243		<0.5	0.84	9	30	<0.5	<2	8.99	1.4	5	6	20	19.25
398664		5.72	0.881		<0.5	0.66	<5	30	<0.5	<2	6.90	0.7	4	9	31	16.15
398665		5.92	0.297		<0.5	0.23	<5	20	<0.5	<2	8.11	1.3	3	6	31	22.4
398666		5.68	0.033		<0.5	0.08	<5	10	<0.5	<2	9.84	1.2	4	4	15	14.50
398667		0.04	1.320		1.0	7.88	107	120	4.4	<2	2.35	2.6	18	64	60	5.34
398668		5.61	0.145		<0.5	0.08	<5	10	<0.5	<2	8.34	1.2	6	8	37	17.45
398669		4.73	5.23		<0.5	0.50	<5	30	<0.5	<2	9.30	1.3	8	3	70	18.25
398670		3.02	0.206		0.5	0.19	<5	20	<0.5	<2	12.20	1.2	9	3	83	19.55
398671		0.13	<0.005		<0.5	0.21	<5	270	<0.5	3	18.1	<0.5	<1	<1	4	0.31
398672		3.32	0.006		<0.5	0.39	<5	10	0.8	<2	1.54	<0.5	6	12	4	25.6
398673		3.30	0.019		<0.5	0.07	<5	10	<0.5	<2	4.10	<0.5	1	3	3	27.1
398674		1.70	2.37		0.8	0.28	<5	20	<0.5	<2	0.89	<0.5	7	4	27	22.3
398675		2.24	0.259		<0.5	0.15	<5	10	<0.5	3	12.10	0.7	<1	7	13	16.40
398676		0.04	>10.0	18.25	0.9	7.75	72	310	2.7	20	2.51	0.5	21	74	236	6.31
398677		2.48	<0.005		<0.5	0.15	<5	10	<0.5	<2	14.2	<0.5	<1	1	1	16.85
398678		4.52	0.023		<0.5	0.14	<5	10	<0.5	<2	8.39	0.5	6	3	76	18.20
398679		1.65	3.00		0.8	4.24	14	280	0.9	<2	2.86	0.5	15	44	138	21.1
398680		3.62	0.761		<0.5	0.37	<5	20	<0.5	<2	7.42	0.5	1	10	59	19.90

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130269

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398661		<10	0.15	10	4.21	7530	<1	0.01	1	610	5	1.20	5	1	144	<20
398662		<10	0.14	10	4.02	7560	<1	0.01	1	630	7	1.20	<5	<1	142	<20
398663		10	0.32	10	4.63	7620	<1	0.01	<1	1720	20	0.99	<5	2	210	<20
398664		<10	0.28	10	3.30	6580	<1	0.01	1	350	6	1.88	<5	1	181	<20
398665		<10	0.11	10	4.75	7460	1	0.01	1	340	5	1.38	<5	<1	145	<20
398666		<10	0.03	10	4.11	4750	<1	0.01	<1	70	<2	0.83	<5	<1	133	<20
398667		30	4.10	10	1.74	444	1	3.55	71	970	168	2.73	<5	5	259	<20
398668		<10	0.03	10	3.61	5760	<1	0.01	1	110	3	2.34	<5	<1	105	<20
398669		<10	0.20	10	3.38	6760	<1	0.01	1	170	7	4.03	<5	1	204	<20
398670		<10	0.06	10	5.00	6570	1	0.01	5	190	6	4.00	8	<1	200	<20
398671		<10	0.18	<10	12.90	416	<1	0.16	<1	30	<2	0.03	<5	<1	143	<20
398672		<10	0.08	10	2.28	12900	<1	0.01	9	510	4	0.08	<5	1	21	<20
398673		<10	0.02	10	3.17	12350	1	<0.01	<1	290	<2	0.11	<5	<1	41	<20
398674		<10	0.11	10	0.82	10100	<1	<0.01	2	230	4	0.35	<5	<1	20	<20
398675		<10	0.06	10	4.83	7020	<1	0.01	1	410	3	0.51	5	<1	141	<20
398676		20	4.26	10	1.85	485	1	2.96	78	1050	66	3.64	<5	5	338	<20
398677		<10	0.06	10	6.06	5560	1	0.01	<1	280	3	0.07	5	<1	138	<20
398678		<10	0.06	10	3.24	4710	2	0.01	<1	270	6	3.73	<5	<1	119	<20
398679		10	1.55	20	1.19	3790	5	0.65	31	490	17	1.65	<5	7	130	<20
398680		<10	0.15	10	3.88	6350	<1	0.01	4	250	6	2.58	<5	<1	157	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130269

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398661		0.02	<10	<10	18	<10	52
398662		0.02	<10	<10	17	<10	51
398663		0.01	<10	<10	42	<10	83
398664		0.01	<10	<10	28	<10	57
398665		0.01	<10	<10	14	<10	50
398666		<0.01	<10	<10	7	<10	26
398667		0.48	<10	<10	61	<10	222
398668		<0.01	<10	<10	6	<10	30
398669		<0.01	<10	<10	28	<10	35
398670		0.01	<10	<10	10	<10	31
398671		0.01	<10	10	3	<10	22
398672		0.03	10	<10	26	<10	13
398673		0.01	10	<10	9	<10	15
398674		0.01	10	<10	16	<10	37
398675		0.01	10	<10	14	<10	31
398676		0.56	<10	<10	76	<10	68
398677		0.01	<10	<10	14	<10	30
398678		0.01	<10	<10	12	<10	33
398679		0.14	<10	<10	85	<10	162
398680		0.01	<10	<10	19	<10	48

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130269

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130270

Projet: KAN

Bon de commande #: KAN16- 057

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130270

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398681		3.75	0.016		<0.5	0.18	<5	10	<0.5	<2	8.66	0.5	4	3	47	20.3
398682		<0.02	0.056		<0.5	0.17	<5	10	<0.5	4	8.81	<0.5	3	2	48	21.1
398683		3.99	0.010		<0.5	0.10	<5	10	<0.5	<2	12.20	0.7	2	2	51	19.25
398684		1.95	0.116		<0.5	0.19	8	10	<0.5	<2	7.98	0.5	20	3	41	22.3
398685		3.64	0.386		<0.5	0.66	15	30	<0.5	<2	4.54	<0.5	8	2	34	23.4
398686		3.04	0.282		<0.5	0.16	<5	10	<0.5	3	11.35	<0.5	<1	2	3	14.35
398687		0.04	1.295		0.9	7.81	103	120	4.4	<2	2.30	2.4	18	61	59	5.20
398688		3.61	0.046		<0.5	0.24	<5	10	<0.5	<2	12.50	<0.5	<1	2	5	12.65
398689		3.13	0.477		<0.5	0.17	<5	10	<0.5	<2	11.25	<0.5	<1	3	4	12.70
398690		4.13	0.048		<0.5	0.26	<5	10	<0.5	3	10.95	<0.5	<1	2	3	13.60
398691		0.14	0.012		<0.5	0.03	<5	80	<0.5	2	17.7	<0.5	<1	1	1	0.32
398692		2.78	0.006		<0.5	0.31	<5	20	<0.5	<2	9.64	<0.5	<1	3	12	11.25
398693		3.25	0.492		<0.5	0.45	<5	20	<0.5	<2	13.9	0.7	4	2	40	18.15
398694		3.00	0.072		<0.5	0.35	<5	20	<0.5	<2	12.30	0.6	4	4	20	16.10
398695		2.25	0.267		<0.5	0.49	<5	20	<0.5	2	10.95	<0.5	<1	3	8	13.40
398696		0.03	>10.0	NSS	0.6	7.97	77	330	2.8	14	2.57	0.6	22	76	248	6.36
398697		2.85	0.024		<0.5	0.30	<5	20	<0.5	<2	12.15	0.6	<1	3	6	13.05
398698		2.28	0.031		<0.5	0.26	<5	10	<0.5	2	11.65	<0.5	<1	4	6	17.60
398699		3.74	0.160		<0.5	0.30	<5	20	<0.5	<2	8.16	0.6	2	4	17	20.7
398700		2.75	0.130		<0.5	0.24	<5	20	<0.5	<2	9.46	<0.5	2	2	4	20.2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130270

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398681		<10	0.09	10	4.33	7510	1	0.01	1	110	6	2.50	<5	<1	136	<20
398682		<10	0.09	10	4.45	7840	1	<0.01	2	120	4	2.57	<5	<1	139	<20
398683		<10	0.04	10	5.00	7170	<1	<0.01	2	110	6	2.30	<5	<1	166	<20
398684		<10	0.07	10	3.05	7400	1	0.02	6	160	6	3.52	<5	<1	121	<20
398685		<10	0.22	10	2.55	9510	<1	<0.01	5	300	5	1.87	<5	1	110	<20
398686		<10	0.06	10	4.36	6280	<1	<0.01	<1	340	2	0.09	<5	<1	191	<20
398687		30	4.16	10	1.73	453	1	3.58	69	950	151	2.74	<5	5	250	<20
398688		<10	0.09	<10	4.37	5450	<1	0.01	<1	200	3	0.14	8	<1	239	<20
398689		<10	0.06	<10	4.03	4680	<1	<0.01	<1	210	2	0.12	<5	<1	188	<20
398690		<10	0.11	<10	3.96	5900	<1	0.01	<1	190	4	0.14	<5	<1	210	<20
398691		<10	0.02	<10	12.00	391	<1	0.02	2	40	4	<0.01	<5	<1	159	<20
398692		<10	0.16	<10	3.21	5640	<1	0.01	<1	180	6	0.26	5	1	190	<20
398693		<10	0.20	10	4.07	7970	<1	0.01	3	310	9	2.12	<5	1	268	<20
398694		<10	0.16	10	4.43	7460	<1	0.01	1	300	5	1.00	<5	1	232	<20
398695		<10	0.21	<10	3.63	6470	<1	0.01	3	240	3	0.29	<5	1	188	<20
398696		20	4.34	10	1.90	487	2	3.01	82	1060	68	3.68	<5	6	345	<20
398697		<10	0.14	<10	3.55	6910	<1	0.01	<1	220	4	0.30	5	1	217	<20
398698		<10	0.09	10	4.71	5680	<1	0.01	3	270	2	0.42	<5	<1	168	<20
398699		<10	0.10	10	3.24	6980	1	0.01	1	330	3	0.49	<5	<1	177	<20
398700		<10	0.11	10	4.92	6000	<1	0.01	1	330	7	0.25	<5	<1	151	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130270

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398681		0.01	<10	<10	12	<10	43
398682		0.01	10	<10	12	<10	45
398683		0.01	10	<10	10	<10	38
398684		0.01	10	<10	11	<10	49
398685		0.01	10	<10	27	<10	61
398686		0.01	10	<10	12	<10	24
398687		0.49	10	<10	63	<10	221
398688		<0.01	10	10	13	<10	29
398689		<0.01	10	<10	10	<10	33
398690		<0.01	10	<10	14	<10	36
398691		<0.01	<10	<10	2	<10	19
398692		<0.01	<10	10	17	<10	37
398693		0.01	<10	<10	24	<10	43
398694		0.01	10	<10	20	<10	40
398695		0.01	10	<10	24	<10	39
398696		0.57	<10	<10	77	<10	76
398697		<0.01	<10	<10	16	<10	34
398698		0.01	<10	<10	16	<10	35
398699		0.02	10	<10	18	<10	53
398700		0.01	10	<10	16	<10	43

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130270

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.
Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130272

Projet: KAN

Bon de commande #: KAN16- 059

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130272

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398121		6.81	1.630		<0.5	0.59	336	10	<0.5	<2	1.00	0.7	6	18	5	20.3
398122		<0.02	1.080		<0.5	0.49	270	10	<0.5	<2	0.98	0.5	5	16	4	18.50
398123		8.14	0.037		<0.5	0.14	201	<10	<0.5	<2	1.27	0.5	4	19	5	11.80
398124		2.78	0.006		<0.5	4.49	11	<10	0.5	<2	0.30	<0.5	9	48	9	16.05
398125		3.55	<0.005		<0.5	5.92	22	<10	0.6	<2	0.01	<0.5	11	61	13	16.90
398126		4.67	0.005		<0.5	4.64	16	<10	0.7	<2	4.40	<0.5	9	48	13	14.00
398127		0.03	1.180		0.9	8.06	100	120	4.5	3	2.34	2.7	21	63	63	5.38
398128		5.24	0.096		<0.5	0.16	<5	10	<0.5	<2	3.26	1.0	3	12	1	16.80
398129		4.53	<0.005		<0.5	0.05	15	<10	<0.5	<2	0.71	0.7	4	10	1	23.1
398130		4.67	0.953		<0.5	0.18	21	10	<0.5	3	0.41	<0.5	15	9	58	30.3
398131		0.15	<0.005		<0.5	0.34	10	570	<0.5	<2	17.0	0.5	<1	6	2	0.65
398132		2.42	0.525		<0.5	0.16	<5	10	<0.5	<2	0.79	<0.5	3	11	1	17.30
398133		4.63	0.021		<0.5	0.39	11	<10	<0.5	<2	0.88	0.7	4	17	2	20.3
398134		3.15	2.82		<0.5	0.17	<5	20	<0.5	<2	3.95	0.8	3	12	11	18.40
398135		2.63	9.21		<0.5	0.37	7	20	<0.5	<2	3.43	0.9	6	13	14	17.05
398136		0.03	>10.0	NSS	0.8	8.06	60	330	2.8	19	2.52	1.2	25	71	246	6.37
398137		3.01	1.720		<0.5	0.29	6	20	<0.5	<2	5.36	1.2	5	8	274	29.8
398138		2.58	2.06		<0.5	0.17	11	10	<0.5	3	5.84	1.0	4	10	14	16.65
398139		3.28	2.33		<0.5	0.19	<5	10	<0.5	<2	1.49	0.5	3	15	125	11.35
398140		2.83	3.08		<0.5	0.33	<5	20	<0.5	3	7.31	1.0	6	5	17	19.30

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130272

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398121		<10	0.03	10	2.58	5590	<1	0.01	4	40	<2	0.36	<5	1	20	<20
398122		<10	0.02	10	2.45	5120	1	0.01	4	40	<2	0.29	<5	1	19	<20
398123		<10	0.01	10	1.44	4510	<1	0.01	2	230	<2	0.38	<5	<1	25	<20
398124		10	0.01	10	2.98	1880	6	<0.01	17	130	<2	0.54	<5	6	5	<20
398125		10	0.01	10	3.43	402	13	<0.01	20	70	<2	0.75	<5	7	1	<20
398126		10	0.01	40	2.59	342	11	<0.01	29	>10000	11	1.12	<5	6	92	<20
398127		20	4.28	10	1.83	454	1	3.63	72	1010	157	2.90	<5	5	259	<20
398128		<10	0.05	10	2.53	6040	<1	0.01	<1	20	<2	0.11	<5	<1	54	<20
398129		<10	0.01	10	2.06	6510	<1	<0.01	1	90	<2	0.01	<5	<1	13	<20
398130		<10	0.02	<10	1.64	8160	1	0.01	10	150	3	0.05	<5	<1	11	<20
398131		<10	0.17	<10	12.15	428	1	0.19	1	30	8	0.02	<5	<1	137	<20
398132		<10	0.05	10	1.33	5760	<1	<0.01	1	90	2	0.02	<5	<1	15	<20
398133		<10	0.01	10	2.51	7200	<1	<0.01	2	130	<2	0.11	5	1	11	<20
398134		<10	0.06	10	1.83	6000	1	<0.01	2	150	2	0.13	<5	<1	49	<20
398135		<10	0.07	10	2.06	5470	1	0.01	3	170	<2	0.60	<5	1	55	<20
398136		30	4.43	10	1.95	479	2	3.02	82	1080	65	3.68	<5	6	349	<20
398137		<10	0.08	10	2.26	9990	1	0.01	17	250	4	0.15	6	1	83	<20
398138		<10	0.05	10	2.62	5270	1	<0.01	3	130	5	0.69	5	<1	80	<20
398139		<10	0.05	<10	0.80	3420	1	<0.01	8	90	8	0.28	<5	<1	21	<20
398140		10	0.11	10	3.12	6350	1	<0.01	5	110	4	1.12	<5	1	106	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130272

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398121		0.03	<10	<10	18	<10	24
398122		0.02	<10	<10	16	<10	21
398123		<0.01	<10	<10	6	<10	11
398124		0.16	<10	<10	44	<10	45
398125		0.21	<10	<10	55	<10	53
398126		0.16	<10	80	53	<10	41
398127		0.51	<10	<10	64	<10	242
398128		<0.01	<10	<10	9	<10	21
398129		<0.01	<10	<10	6	<10	18
398130		<0.01	<10	<10	7	<10	63
398131		0.01	<10	<10	4	<10	81
398132		<0.01	<10	<10	10	<10	17
398133		0.01	<10	<10	18	<10	21
398134		0.01	<10	<10	12	<10	17
398135		0.01	<10	<10	21	<10	23
398136		0.57	<10	<10	75	<10	72
398137		0.02	<10	<10	20	<10	31
398138		0.01	<10	<10	11	<10	17
398139		<0.01	<10	<10	9	<10	16
398140		0.01	<10	<10	17	<10	24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date:
20- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130272

COMMENTAIRE DE CERTIFICAT

COMMENTAIRES ANALYTIQUES

NSS est échantillon insuffisant.
Applique à la Méthode: TOUTES MÉTHODES

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
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Finalisée date:
19- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130273

Projet: KAN

Bon de commande #: KAN16- 060

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130273

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398141		3.85	9.47		1.6	0.43	<5	30	<0.5	<2	4.03	0.5	3	9	11	22.3
398142		<0.02	0.805		<0.5	0.43	<5	30	<0.5	7	3.83	<0.5	6	12	12	22.2
398143		3.71	0.939		<0.5	0.16	<5	20	<0.5	3	0.31	<0.5	3	6	52	21.3
398144		2.87	0.076		<0.5	0.11	<5	10	<0.5	<2	6.52	0.7	<1	4	2	18.55
398145		2.91	<0.005		<0.5	0.10	<5	10	<0.5	<2	8.59	0.5	<1	4	2	17.60
398146		2.71	0.115		<0.5	0.14	7	10	<0.5	4	2.17	<0.5	<1	5	4	11.95
398147		0.03	1.250		1.0	7.53	105	120	4.3	<2	2.27	2.4	17	62	61	5.07
398148		2.02	0.046		<0.5	0.06	<5	10	<0.5	3	7.72	0.6	<1	4	<1	15.80
398149		2.56	<0.005		<0.5	0.08	5	20	<0.5	2	8.31	0.7	1	3	2	16.75
398150		2.66	<0.005		<0.5	0.08	<5	10	<0.5	<2	8.51	0.6	2	4	1	15.15
398601		0.09	<0.005		<0.5	0.03	<5	3700	<0.5	<2	20.1	<0.5	<1	1	1	0.14
398602		2.58	1.005		<0.5	0.10	<5	20	<0.5	<2	7.34	0.5	4	5	6	15.85
398603		4.09	<0.005		<0.5	0.06	<5	10	<0.5	<2	8.48	0.5	<1	5	<1	14.90
398604		2.89	<0.005		<0.5	0.09	<5	90	<0.5	<2	10.00	<0.5	1	6	2	16.55
398605		4.37	0.110		<0.5	0.15	<5	2130	<0.5	<2	7.53	0.7	2	5	6	16.65
398606		0.04	>10.0	18.00	1.1	7.79	74	420	2.7	21	2.46	0.5	21	73	256	6.12
398607		3.29	<0.005		<0.5	0.13	<5	780	<0.5	<2	8.14	0.7	1	4	1	20.4
398608		2.95	0.059		<0.5	0.11	<5	90	<0.5	2	8.88	0.6	<1	5	1	12.90
398609		2.98	0.054		<0.5	0.14	<5	60	<0.5	2	11.05	0.5	1	5	1	15.75
398610		2.59	0.520		<0.5	0.09	<5	80	<0.5	2	10.10	0.5	1	3	1	17.55

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130273

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398141		<10	0.09	10	2.78	7440	1	0.01	5	250	6	0.65	<5	1	60	<20
398142		<10	0.08	10	2.66	7390	1	0.01	6	250	5	0.69	<5	1	58	<20
398143		<10	0.04	10	0.45	6320	<1	<0.01	6	220	2	0.07	<5	<1	8	<20
398144		<10	0.03	<10	3.42	5310	<1	<0.01	2	150	5	0.07	<5	<1	64	<20
398145		<10	0.01	<10	3.71	5240	<1	<0.01	<1	150	3	0.05	<5	<1	68	<20
398146		<10	0.03	<10	1.54	3590	<1	<0.01	2	120	<2	0.10	<5	<1	45	<20
398147		20	4.03	10	1.71	437	1	3.47	69	940	152	2.67	<5	5	244	<20
398148		<10	0.02	<10	3.64	4580	<1	0.01	1	90	<2	0.01	<5	<1	84	<20
398149		<10	0.02	<10	3.83	5030	<1	<0.01	2	90	6	0.03	<5	<1	101	<20
398150		<10	0.02	<10	3.78	4490	<1	<0.01	1	100	2	0.04	<5	<1	92	<20
398601		<10	0.02	<10	13.60	390	<1	0.02	<1	30	4	0.08	<5	<1	212	<20
398602		<10	0.04	<10	3.21	4800	<1	<0.01	<1	120	2	0.07	<5	<1	95	<20
398603		<10	0.02	<10	3.71	4560	<1	<0.01	<1	120	4	0.01	<5	<1	96	<20
398604		<10	0.01	10	4.00	5180	<1	<0.01	2	80	6	0.09	<5	<1	104	<20
398605		<10	0.04	10	3.03	5300	<1	<0.01	2	110	61	0.16	<5	<1	112	<20
398606		20	4.15	10	1.82	455	1	2.89	78	1010	66	3.50	<5	6	339	<20
398607		<10	0.03	<10	4.42	5730	<1	<0.01	1	110	23	0.08	<5	<1	99	<20
398608		<10	0.03	<10	3.38	4450	<1	<0.01	2	70	22	0.05	<5	<1	122	<20
398609		<10	0.05	<10	4.22	5250	<1	<0.01	<1	90	23	0.03	<5	<1	137	<20
398610		<10	0.03	<10	4.02	5570	<1	<0.01	<1	80	23	0.05	<5	<1	127	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130273

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398141		0.02	<10	<10	25	<10	29
398142		0.02	<10	<10	25	<10	29
398143		0.01	<10	<10	14	<10	19
398144		<0.01	10	<10	11	<10	12
398145		0.01	<10	<10	10	<10	9
398146		<0.01	<10	<10	9	<10	16
398147		0.48	<10	<10	61	<10	218
398148		<0.01	<10	<10	8	<10	7
398149		<0.01	<10	<10	9	<10	13
398150		0.01	<10	<10	10	<10	8
398601		<0.01	<10	<10	2	<10	16
398602		<0.01	<10	<10	9	<10	13
398603		<0.01	<10	<10	8	<10	10
398604		0.01	<10	<10	12	<10	15
398605		0.01	<10	<10	12	<10	21
398606		0.55	<10	<10	71	<10	75
398607		0.01	<10	<10	13	<10	23
398608		<0.01	<10	<10	10	<10	44
398609		0.01	<10	<10	11	<10	54
398610		<0.01	<10	<10	8	<10	54

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130273

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date:
19- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130274

Projet: KAN

Bon de commande #: KAN16- 061

Ce rapport s'applique aux 20 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130274

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398611		2.83	2.04		<0.5	0.12	<5	10	<0.5	<2	7.98	0.7	8	7	12	14.10
398612		<0.02	1.270		0.5	0.12	<5	10	<0.5	<2	8.02	0.5	5	6	11	13.90
398613		3.81	0.715		<0.5	0.08	<5	10	<0.5	3	10.85	0.6	1	9	1	15.75
398614		7.05	0.007		<0.5	0.10	<5	10	<0.5	2	10.45	<0.5	5	5	3	17.10
398615		4.18	0.295		<0.5	0.16	<5	10	<0.5	<2	5.76	0.6	3	10	10	16.60
398616		6.47	<0.005		<0.5	0.09	<5	10	<0.5	<2	6.48	0.5	4	5	4	19.35
398617		0.04	1.285		0.9	7.82	100	120	4.4	3	2.31	2.4	19	63	60	5.19
398618		6.70	0.801		<0.5	0.21	<5	20	<0.5	3	6.45	0.6	7	27	15	19.70
398619		1.94	<0.005		<0.5	0.14	<5	10	<0.5	<2	6.84	0.7	3	8	14	18.45
398620		2.60	2.11		<0.5	0.29	8	20	<0.5	<2	4.30	0.7	6	13	14	19.60
398621		0.11	<0.005		<0.5	0.05	<5	100	<0.5	<2	17.3	<0.5	1	3	1	0.32
398622		1.28	0.370		<0.5	0.06	<5	20	<0.5	<2	5.85	<0.5	<1	14	2	11.30
398623		1.02	4.14		<0.5	0.24	<5	30	<0.5	<2	1.21	<0.5	4	9	16	10.00
398624		4.01	0.151		<0.5	0.16	9	10	0.5	4	2.97	0.5	5	7	1	24.0
398625		3.89	0.005		<0.5	0.21	<5	10	<0.5	3	1.39	0.5	4	7	2	31.1
398626		0.04	>10.0	17.80	1.2	7.60	71	320	2.8	21	2.49	0.7	23	73	252	6.20
398627		2.50	0.038		<0.5	0.42	28	20	<0.5	3	4.33	<0.5	9	9	12	28.0
398628		2.26	0.005		<0.5	0.12	<5	10	<0.5	5	4.74	0.5	2	5	1	24.2
398629		3.29	0.050		<0.5	0.75	<5	30	<0.5	2	9.51	0.7	7	4	43	21.7
398630		2.87	0.169		<0.5	0.36	<5	20	<0.5	<2	10.60	0.7	<1	5	13	20.5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130274

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398611		<10	0.04	10	2.78	4740	<1	<0.01	3	100	5	0.81	<5	<1	137	<20
398612		<10	0.04	10	2.75	4760	<1	<0.01	5	100	3	0.78	<5	<1	137	<20
398613		<10	0.03	10	4.73	4790	<1	<0.01	1	130	5	0.03	5	<1	131	<20
398614		<10	0.04	10	4.82	5100	<1	<0.01	2	110	3	0.25	<5	<1	129	<20
398615		<10	0.05	10	3.19	5280	<1	0.01	4	150	2	0.73	<5	<1	84	<20
398616		<10	0.03	10	3.53	5700	<1	<0.01	3	180	2	0.15	<5	<1	85	<20
398617		30	4.19	10	1.72	441	1	3.56	71	970	156	2.74	<5	5	256	<20
398618		<10	0.08	10	3.29	5850	1	0.01	3	180	3	0.30	<5	<1	96	<20
398619		<10	0.02	10	3.15	5560	<1	0.01	5	90	<2	0.18	<5	<1	64	<20
398620		<10	0.08	10	2.20	7140	<1	0.01	3	210	6	1.11	5	1	82	<20
398621		<10	0.02	<10	12.85	377	<1	0.04	2	40	11	<0.01	<5	<1	142	<20
398622		<10	0.02	<10	2.60	3400	<1	<0.01	1	120	4	0.05	<5	<1	101	<20
398623		<10	0.11	<10	0.52	3230	<1	<0.01	4	30	3	0.62	<5	<1	29	<20
398624		<10	0.04	10	3.05	8110	<1	0.01	2	310	<2	0.12	<5	<1	25	<20
398625		<10	0.04	10	2.92	11250	<1	0.01	4	290	2	0.06	<5	<1	12	<20
398626		20	4.32	10	1.88	473	1	3.02	80	1090	67	3.59	<5	5	342	<20
398627		<10	0.10	10	3.38	9640	1	0.04	6	410	2	0.11	5	1	38	<20
398628		<10	0.01	10	3.27	6510	<1	0.01	4	190	<2	0.01	<5	<1	39	<20
398629		<10	0.19	10	4.42	6160	1	0.01	4	400	7	2.00	5	2	174	<20
398630		<10	0.15	10	4.86	6830	1	0.01	2	260	6	0.68	<5	1	193	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130274

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398611		<0.01	<10	<10	7	<10	19
398612		<0.01	<10	<10	8	<10	18
398613		<0.01	<10	<10	8	<10	13
398614		<0.01	<10	<10	10	<10	15
398615		<0.01	<10	<10	11	<10	28
398616		<0.01	<10	<10	9	<10	18
398617		0.49	<10	<10	63	<10	220
398618		0.01	<10	<10	15	<10	21
398619		0.01	<10	<10	13	<10	47
398620		0.03	<10	<10	16	<10	26
398621		<0.01	<10	<10	5	<10	34
398622		<0.01	<10	<10	6	<10	11
398623		<0.01	<10	<10	13	<10	18
398624		0.01	<10	<10	12	<10	11
398625		0.02	<10	<10	14	<10	12
398626		0.57	<10	<10	75	<10	69
398627		0.03	<10	<10	19	<10	35
398628		0.01	<10	<10	14	<10	26
398629		0.01	<10	<10	30	<10	45
398630		0.01	<10	<10	19	<10	46

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date:
19- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130274

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

CERTIFICAT VO16130276

Projet: KAN

Bon de commande #: KAN16- 062

Ce rapport s'applique aux 12 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 9- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130276

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398631		3.37	0.264	<0.5	0.42	<5	30	<0.5	<2	10.80	<0.5	1	4	12	17.70	<10
398632		<0.02	0.262	<0.5	0.43	<5	30	<0.5	<2	11.05	<0.5	2	5	14	18.40	<10
398633		2.37	0.198	<0.5	0.32	<5	20	<0.5	<2	9.06	0.7	2	4	17	21.9	<10
398634		2.03	0.023	<0.5	0.50	<5	40	<0.5	3	14.50	0.8	<1	3	6	17.40	<10
398635		4.01	0.068	<0.5	0.31	<5	30	<0.5	<2	13.3	0.8	1	5	25	15.55	<10
398636		1.73	1.710	<0.5	1.03	<5	60	0.5	<2	8.89	0.5	2	6	28	23.2	<10
398637		0.04	1.335	1.1	7.29	96	120	4.3	2	2.17	2.6	18	60	60	4.96	20
398638		1.22	0.006	<0.5	0.14	<5	10	<0.5	<2	1.01	<0.5	<1	12	3	2.19	<10
398639		1.69	1.470	0.5	0.09	<5	10	<0.5	4	3.49	0.5	8	4	95	26.0	<10
398640		0.92	3.37	<0.5	0.08	<5	10	<0.5	<2	1.17	<0.5	2	5	8	22.7	<10
398641		0.17	<0.005	<0.5	0.03	<5	110	<0.5	<2	19.8	<0.5	<1	<1	1	0.16	<10
398642		1.34	0.332	<0.5	0.24	<5	10	0.7	<2	0.82	<0.5	11	8	48	15.80	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130276

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398631		0.19	10	4.26	6620	<1	0.01	<1	230	3	0.67	<5	1	207	<20	0.01
398632		0.19	10	4.38	6880	<1	0.01	3	250	7	0.70	8	1	210	<20	0.01
398633		0.13	10	4.15	7050	<1	<0.01	<1	400	3	0.45	<5	1	174	<20	0.01
398634		0.21	10	5.35	8620	<1	0.01	1	320	6	0.31	<5	1	273	<20	0.01
398635		0.15	<10	4.28	6450	<1	0.01	4	160	3	1.19	<5	1	252	<20	0.01
398636		0.46	10	3.47	7680	1	0.04	2	180	6	0.34	<5	1	201	<20	0.02
398637		3.97	10	1.67	419	1	3.45	66	920	150	2.62	5	5	238	<20	0.47
398638		0.07	<10	0.34	998	<1	0.01	4	60	3	0.07	<5	<1	30	<20	<0.01
398639		0.04	10	2.18	6390	3	<0.01	8	310	6	6.26	<5	<1	46	<20	0.01
398640		0.03	<10	1.61	9080	<1	<0.01	3	290	4	0.57	<5	<1	17	<20	0.01
398641		0.02	<10	13.10	383	<1	0.03	<1	30	3	<0.01	<5	<1	149	<20	<0.01
398642		0.02	<10	0.95	3780	<1	0.09	9	110	3	4.24	<5	<1	14	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130276

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398631		10	<10	20	<10	42
398632		10	<10	21	<10	44
398633		<10	<10	18	<10	50
398634		10	<10	20	<10	45
398635		10	<10	16	<10	35
398636		10	<10	28	<10	63
398637		10	<10	61	<10	211
398638		<10	<10	7	<10	10
398639		10	<10	10	<10	50
398640		<10	<10	7	<10	24
398641		<10	<10	3	<10	18
398642		10	<10	2	<10	24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date:
18- AOUT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16130276

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	LOG- 23	PUL- 31	PUL- 31d
PUL- QC	SPL- 21	SPL- 21d	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16133523

Projet: KAN

Ce rapport s'applique aux 66 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 2- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16133523

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
393307		0.48	0.006	<0.5	0.02	<5	<10	<0.5	<2	0.03	<0.5	<1	27	4	1.15	<10
393308		0.48	0.009	0.7	3.20	<5	150	0.6	<2	0.36	<0.5	17	35	312	25.6	10
393309		0.61	0.028	0.5	5.37	<5	10	<0.5	<2	0.05	<0.5	8	46	263	22.2	20
393310		0.91	0.006	<0.5	1.02	<5	10	<0.5	6	0.03	<0.5	2	41	4	3.66	<10
393311		0.50	<0.005	<0.5	1.70	<5	130	<0.5	<2	0.06	<0.5	3	24	115	11.00	<10
393312		0.44	0.013	1.2	2.36	<5	30	<0.5	<2	0.68	0.5	43	21	1265	21.3	10
393313		0.65	0.008	<0.5	3.65	<5	20	<0.5	<2	0.07	<0.5	6	46	83	13.10	10
393314		0.58	<0.005	<0.5	1.87	<5	140	0.7	2	0.10	<0.5	5	23	71	3.33	<10
393315		0.56	0.008	0.5	5.40	<5	710	2.7	<2	0.07	<0.5	2	47	53	7.67	20
393317		0.50	0.012	0.6	3.18	<5	300	1.6	<2	0.04	<0.5	2	38	55	6.93	10
393318		0.43	0.069	<0.5	0.18	<5	10	<0.5	<2	0.23	<0.5	3	25	32	2.16	<10
393319		0.35	<0.005	<0.5	0.35	<5	10	<0.5	2	0.02	<0.5	4	53	2	1.61	<10
393320		0.38	0.013	0.8	5.17	7	350	1.0	<2	0.10	<0.5	3	65	134	21.9	10
393321		0.73	0.010	0.6	1.77	<5	60	<0.5	<2	0.06	<0.5	5	20	77	13.00	10
393322		0.87	0.014	<0.5	4.67	17	530	1.3	2	3.69	<0.5	10	131	34	3.46	10
393323		0.44	<0.005	<0.5	2.56	8	100	<0.5	<2	0.15	<0.5	5	43	35	2.36	10
393324		0.44	0.006	<0.5	7.50	15	440	1.7	<2	0.18	<0.5	11	80	54	4.79	20
393325		0.41	0.007	<0.5	1.05	<5	80	<0.5	2	0.02	<0.5	3	29	8	1.96	<10
393326		0.25	0.021	0.9	6.30	47	450	2.0	<2	0.02	<0.5	1	69	195	10.10	20
393327		0.35	0.006	<0.5	8.80	19	610	2.7	<2	0.04	<0.5	5	76	52	5.02	20
393328		0.51	0.020	0.9	2.21	40	100	1.6	<2	0.07	<0.5	3	39	97	20.5	10
393329		0.51	<0.005	<0.5	0.24	5	10	<0.5	<2	0.04	<0.5	<1	54	8	1.74	<10
393330		0.63	<0.005	<0.5	0.17	<5	10	<0.5	<2	0.01	0.6	2	29	81	3.11	<10
393331		0.54	<0.005	<0.5	0.14	<5	10	<0.5	<2	0.03	<0.5	1	31	59	2.29	<10
393332		0.37	0.054	4.1	2.90	27	130	2.8	<2	0.11	5.7	4	45	305	20.7	10
393333		0.61	0.006	<0.5	0.17	5	10	<0.5	<2	5.89	<0.5	2	20	10	5.63	<10
393334		0.46	<0.005	<0.5	0.58	5	50	0.7	<2	0.30	<0.5	5	15	1	9.57	<10
393335		0.45	0.007	<0.5	1.10	10	<10	<0.5	<2	5.42	<0.5	8	33	2	15.85	<10
393336		0.63	<0.005	<0.5	0.18	<5	10	<0.5	<2	9.25	<0.5	3	11	1	14.70	<10
393337		0.37	<0.005	<0.5	0.04	6	<10	<0.5	<2	0.05	<0.5	<1	29	2	1.21	<10
393338		0.54	0.005	<0.5	0.13	<5	10	<0.5	2	0.05	<0.5	1	35	7	2.83	<10
393339		0.53	0.022	<0.5	2.33	5	180	4.0	<2	2.06	2.3	16	42	124	20.1	10
393340		0.44	0.021	2.3	5.14	47	240	1.6	<2	0.57	5.2	40	55	341	8.54	20
393341		0.22	<0.005	<0.5	0.52	<5	40	<0.5	<2	0.13	0.5	4	36	47	2.58	<10
393342		0.75	0.014	2.0	3.80	5	60	2.4	<2	0.54	6.4	89	40	152	22.5	10
393343		0.45	<0.005	<0.5	0.11	5	10	<0.5	<2	0.01	<0.5	1	34	5	1.62	<10
393344		0.69	<0.005	1.4	0.25	5	10	<0.5	<2	<0.01	<0.5	<1	34	4	1.09	<10
393345		0.41	0.011	1.1	4.62	9	290	2.3	<2	0.79	1.2	18	59	99	14.15	10
393346		0.62	<0.005	<0.5	0.34	<5	40	<0.5	<2	0.01	0.8	1	40	4	1.45	<10
393347		0.50	<0.005	<0.5	0.09	<5	10	<0.5	<2	<0.01	<0.5	1	39	4	1.31	<10

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Finalisée date: 2- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16133523

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
393307		<0.01	<10	<0.01	215	<1	0.01	2	<10	12	<0.01	<5	<1	1	<20	<0.01
393308		0.33	10	1.68	2420	1	0.01	29	230	13	0.82	<5	7	11	<20	0.11
393309		0.02	10	2.69	587	1	0.01	12	120	10	0.34	<5	9	4	<20	0.14
393310		0.02	<10	0.49	187	<1	0.01	2	70	<2	0.01	<5	2	2	<20	0.02
393311		0.28	10	0.81	715	<1	0.02	6	270	3	0.06	<5	3	2	<20	0.08
393312		0.05	20	1.14	2390	1	0.02	100	130	17	5.18	<5	4	12	<20	0.07
393313		0.04	10	1.78	617	1	0.01	10	180	4	0.13	<5	7	2	<20	0.17
393314		0.59	10	0.60	553	<1	0.41	8	160	40	0.88	<5	3	9	<20	0.07
393315		3.06	20	0.73	315	5	0.27	3	200	72	1.02	<5	9	18	<20	0.21
393317		1.15	<10	0.85	559	1	0.31	4	120	105	0.10	<5	5	25	<20	0.10
393318		0.01	<10	0.05	552	<1	0.02	6	30	9	0.05	<5	1	3	<20	0.01
393319		0.02	<10	0.23	162	<1	0.01	10	10	<2	0.01	<5	2	1	<20	0.02
393320		1.11	<10	2.90	1595	3	0.02	8	570	19	0.12	<5	10	3	<20	0.25
393321		0.27	10	1.03	1305	<1	<0.01	12	90	337	0.41	<5	4	2	<20	0.05
393322		1.05	20	0.91	514	4	1.06	31	610	22	0.06	<5	10	362	<20	0.31
393323		0.45	10	0.31	341	1	1.10	14	250	5	0.01	<5	4	46	<20	0.08
393324		2.46	20	1.56	226	5	1.14	43	630	12	0.05	6	17	36	<20	0.35
393325		0.47	<10	0.17	459	<1	0.03	6	140	2	0.01	<5	2	7	<20	0.03
393326		2.40	30	0.71	79	13	1.02	18	530	74	0.27	10	11	43	<20	0.23
393327		3.13	40	1.16	141	2	1.76	22	510	23	0.04	<5	15	55	<20	0.34
393328		0.95	10	0.16	1140	18	0.05	8	1540	19	0.33	<5	4	10	<20	0.08
393329		0.10	<10	0.02	275	<1	<0.01	<1	50	2	0.02	<5	<1	1	<20	0.01
393330		0.06	<10	0.02	499	1	<0.01	7	170	10	0.06	<5	1	2	<20	<0.01
393331		0.06	<10	0.01	379	2	0.01	2	180	3	0.02	<5	<1	3	<20	<0.01
393332		1.30	20	0.23	2320	38	0.01	42	1840	45	0.30	<5	4	13	<20	0.08
393333		0.05	<10	1.77	3460	<1	0.01	2	110	4	0.10	<5	<1	25	<20	0.01
393334		0.20	<10	0.37	5000	<1	0.01	1	280	<2	<0.01	<5	1	4	<20	0.01
393335		0.03	10	2.10	7300	<1	<0.01	15	640	4	0.01	5	3	44	<20	0.03
393336		0.02	<10	4.30	7810	<1	0.01	2	210	4	<0.01	<5	1	61	<20	0.02
393337		0.02	<10	0.02	162	<1	<0.01	1	10	4	0.01	<5	<1	2	<20	<0.01
393338		0.05	<10	0.24	1170	<1	<0.01	2	130	2	0.02	<5	<1	3	<20	0.01
393339		1.05	30	2.09	18150	11	0.01	31	1400	41	0.13	<5	3	51	<20	0.09
393340		2.24	20	1.41	1590	8	0.80	68	820	82	5.46	5	10	74	<20	0.21
393341		0.27	<10	0.18	510	1	0.03	8	140	8	0.48	<5	1	9	<20	0.03
393342		1.78	20	1.20	4700	6	0.24	152	1030	84	>10.0	<5	7	49	<20	0.11
393343		0.03	<10	0.05	167	1	0.01	1	20	<2	0.15	<5	<1	2	<20	0.02
393344		0.11	<10	0.02	96	4	0.01	<1	20	13	0.06	<5	1	4	<20	0.02
393345		2.28	20	1.77	7390	16	0.27	59	1410	28	4.68	5	9	53	<20	0.21
393346		0.17	<10	0.06	164	3	0.01	2	50	<2	0.05	<5	1	4	<20	0.01
393347		0.04	<10	0.01	112	1	0.01	1	60	<2	0.03	<5	<1	2	<20	<0.01

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Finalisée date: 2- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16133523

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
393307		<10	<10	1	<10	10
393308		<10	<10	49	<10	156
393309		<10	<10	99	<10	187
393310		<10	<10	19	<10	30
393311		<10	<10	21	<10	44
393312		<10	<10	33	<10	69
393313		<10	<10	62	<10	96
393314		<10	<10	28	<10	58
393315		<10	10	95	<10	39
393317		<10	<10	54	<10	42
393318		<10	<10	2	<10	5
393319		<10	<10	11	<10	6
393320		<10	<10	79	<10	157
393321		<10	<10	21	<10	133
393322		<10	<10	78	<10	58
393323		<10	<10	36	<10	48
393324		<10	<10	147	<10	147
393325		<10	<10	16	<10	81
393326		<10	<10	126	<10	136
393327		<10	<10	138	<10	138
393328		<10	<10	225	<10	323
393329		<10	<10	16	<10	54
393330		<10	<10	14	<10	160
393331		<10	<10	21	<10	78
393332		<10	20	411	<10	1885
393333		<10	<10	15	<10	14
393334		<10	<10	43	<10	12
393335		<10	<10	56	<10	53
393336		<10	<10	15	<10	16
393337		<10	<10	8	<10	2
393338		<10	<10	20	<10	53
393339		10	<10	293	<10	367
393340		<10	10	164	<10	590
393341		<10	<10	21	<10	70
393342		<10	<10	183	<10	903
393343		<10	<10	6	<10	17
393344		<10	<10	69	<10	24
393345		10	<10	317	<10	325
393346		<10	<10	41	<10	103
393347		<10	<10	13	<10	8

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Finalisée date: 2- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16133523

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
393348		0.65	<0.005	<0.5	0.04	<5	<10	<0.5	<2	<0.01	<0.5	1	40	6	1.50	<10
393349		0.51	<0.005	0.5	0.30	<5	10	0.5	<2	0.07	<0.5	2	7	5	33.5	10
393350		0.54	<0.005	<0.5	<0.01	<5	<10	<0.5	3	<0.01	<0.5	<1	33	2	1.13	<10
393373		0.40	0.012	0.9	3.76	13	130	1.3	<2	0.10	0.8	11	75	206	24.5	10
397901		0.52	<0.005	<0.5	0.03	<5	<10	<0.5	<2	0.01	<0.5	<1	40	4	1.29	<10
397902		0.37	<0.005	<0.5	0.02	<5	<10	<0.5	<2	<0.01	<0.5	1	30	5	2.87	<10
397903		0.64	0.040	<0.5	0.02	<5	<10	<0.5	2	<0.01	<0.5	1	36	6	1.67	<10
397904		0.46	0.006	0.5	3.46	<5	90	1.1	<2	0.08	<0.5	11	57	352	40.2	10
397905		0.42	<0.005	<0.5	0.30	<5	20	<0.5	<2	0.02	<0.5	4	12	55	16.70	<10
397906		0.31	0.009	0.7	0.50	<5	10	<0.5	<2	0.71	<0.5	238	25	105	24.8	<10
397907		0.44	0.010	1.0	1.55	<5	40	0.6	<2	0.56	<0.5	10	32	134	34.4	10
397908		0.44	<0.005	<0.5	0.54	<5	10	<0.5	<2	0.02	<0.5	2	7	58	18.10	<10
397909		0.70	0.034	1.8	3.17	113	90	0.9	<2	0.14	1.0	62	46	251	26.0	10
397910		0.55	0.026	1.3	1.45	5	50	0.6	<2	0.14	2.2	24	32	239	34.1	10
397911		0.64	<0.005	<0.5	0.19	<5	20	2.0	<2	0.62	<0.5	3	7	64	17.20	<10
397912		0.44	<0.005	<0.5	0.10	<5	<10	<0.5	2	<0.01	<0.5	1	30	5	2.05	<10
397913		0.39	0.014	<0.5	1.34	<5	80	<0.5	<2	0.01	<0.5	2	37	51	6.01	<10
397914		0.35	0.029	<0.5	3.98	<5	210	1.0	<2	0.02	<0.5	3	36	93	15.95	10
397915		0.43	<0.005	<0.5	0.63	<5	<10	<0.5	<2	0.42	<0.5	1	39	3	3.24	<10
397916		0.67	<0.005	<0.5	1.36	<5	70	<0.5	<2	0.03	<0.5	4	31	15	10.05	10
397917		0.46	<0.005	<0.5	0.02	<5	<10	<0.5	2	<0.01	<0.5	<1	29	7	1.31	<10
397918		0.54	<0.005	0.6	4.19	<5	1150	2.4	<2	0.09	<0.5	15	63	239	30.1	20
397919		0.31	0.012	0.5	2.80	<5	400	1.0	<2	0.08	<0.5	10	33	33	21.6	10
397920		0.58	<0.005	<0.5	0.03	<5	10	<0.5	4	<0.01	<0.5	1	26	4	1.60	<10
397921		0.70	0.013	<0.5	1.01	<5	190	<0.5	<2	0.01	<0.5	7	32	50	7.99	<10
397922		0.38	<0.005	<0.5	0.23	<5	30	<0.5	2	<0.01	<0.5	1	24	5	2.65	<10

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CERTIFICAT D'ANALYSE VO16133523

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
393348		0.02	<10	0.01	149	1	<0.01	1	180	2	0.06	<5	<1	1	<20	<0.01
393349		0.01	<10	2.12	14300	1	0.01	1	180	6	0.11	<5	<1	3	<20	0.01
393350		<0.01	<10	0.01	134	<1	<0.01	1	20	<2	0.01	<5	<1	1	<20	<0.01
393373		1.45	20	0.76	280	23	0.18	148	440	41	>10.0	<5	11	20	<20	0.09
397901		0.01	<10	<0.01	116	<1	<0.01	<1	20	<2	0.05	<5	<1	1	<20	<0.01
397902		0.01	<10	<0.01	148	<1	0.01	1	20	<2	0.05	<5	<1	1	<20	<0.01
397903		0.01	<10	<0.01	100	<1	<0.01	<1	10	<2	0.04	<5	<1	<1	<20	<0.01
397904		1.02	20	1.05	6140	2	0.12	82	1750	18	0.42	<5	9	30	<20	0.05
397905		0.16	<10	1.86	8600	1	0.01	12	110	5	0.44	<5	1	3	<20	0.03
397906		0.11	<10	0.42	2280	2	0.12	72	160	7	>10.0	<5	1	15	<20	0.01
397907		0.29	10	1.10	1620	22	0.20	191	500	20	>10.0	7	5	18	<20	0.04
397908		0.27	<10	1.82	4430	1	0.01	3	380	2	0.78	<5	1	6	<20	0.01
397909		1.12	10	1.06	301	28	0.24	175	260	84	>10.0	<5	8	14	<20	0.07
397910		0.64	<10	0.50	236	28	0.03	291	180	74	>10.0	7	6	7	<20	0.04
397911		0.14	<10	2.90	11000	<1	0.01	22	1140	5	2.65	<5	1	10	<20	0.01
397912		<0.01	<10	0.03	225	1	0.07	1	20	<2	0.09	<5	<1	6	<20	<0.01
397913		0.32	10	0.54	611	<1	0.01	1	40	<2	0.14	<5	2	2	<20	0.05
397914		1.90	10	1.80	1075	4	0.02	2	650	19	0.71	<5	7	23	<20	0.16
397915		0.01	<10	0.25	1030	<1	<0.01	3	20	<2	0.02	<5	1	6	<20	<0.01
397916		0.25	<10	1.07	674	<1	0.01	7	140	<2	0.10	<5	2	3	<20	0.04
397917		0.01	<10	0.01	133	<1	0.01	<1	<10	<2	0.02	<5	<1	2	<20	<0.01
397918		2.74	20	2.71	2120	6	0.04	32	70	17	0.52	<5	6	18	<20	0.33
397919		0.97	10	2.28	1620	1	0.13	14	160	8	0.19	<5	5	22	<20	0.12
397920		0.01	<10	0.03	136	<1	<0.01	<1	<10	<2	0.07	<5	<1	1	<20	<0.01
397921		0.27	<10	0.38	391	<1	0.11	14	10	6	0.16	<5	2	10	<20	0.06
397922		0.05	<10	0.10	289	<1	0.02	1	10	<2	0.06	<5	<1	4	<20	<0.01

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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 2- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16133523

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
393348		<10	<10	6	<10	3
393349		<10	<10	49	<10	71
393350		<10	<10	1	<10	<2
393373		<10	10	189	<10	246
397901		<10	<10	4	<10	2
397902		<10	<10	2	<10	3
397903		<10	<10	2	<10	<2
397904		<10	<10	223	<10	260
397905		<10	<10	32	<10	194
397906		<10	<10	39	<10	23
397907		<10	<10	209	<10	45
397908		<10	<10	58	<10	147
397909		<10	10	242	<10	362
397910		<10	10	232	<10	563
397911		<10	<10	30	<10	249
397912		<10	<10	2	<10	8
397913		<10	<10	17	<10	45
397914		<10	<10	85	<10	132
397915		<10	<10	7	<10	10
397916		<10	<10	20	<10	63
397917		<10	<10	1	<10	<2
397918		<10	<10	67	<10	80
397919		<10	<10	38	<10	72
397920		<10	<10	1	<10	4
397921		<10	<10	16	<10	26
397922		<10	<10	4	<10	8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 2- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16133523

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16136175

Projet: KAN

Ce rapport s'applique aux 61 échantillons de grab soumis à notre laboratoire de Val d'Or, QC, Canada le 8- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER SYLVAIN TREPANIER	CHARLES GAUMOND	SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 1- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16136175

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
393271		0.82	0.007	<0.5	1.96	<5	80	1.2	<2	0.04	<0.5	<1	31	6	2.07	10
393272		1.05	<0.005	<0.5	2.76	<5	90	0.6	<2	0.11	<0.5	8	20	40	5.77	10
393301		0.56	<0.005	<0.5	0.05	<5	10	<0.5	<2	8.76	0.5	<1	10	1	12.40	<10
393302		0.53	<0.005	<0.5	0.26	24	10	<0.5	<2	0.16	<0.5	3	18	21	6.32	<10
393303		0.64	<0.005	<0.5	0.37	<5	10	<0.5	<2	0.24	<0.5	1	16	1	6.31	<10
393304		0.63	<0.005	<0.5	0.42	<5	<10	0.7	2	7.98	0.5	111	5	239	24.5	<10
393305		0.75	<0.005	<0.5	1.60	11	<10	<0.5	<2	8.45	<0.5	17	9	48	3.31	<10
393306		0.52	0.005	3.3	5.02	<5	20	<0.5	5	6.04	5.2	25	19	11	12.90	20
393411		0.42	<0.005	<0.5	1.35	8	60	<0.5	<2	0.05	<0.5	2	45	6	1.83	<10
393412		0.53	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.16	<0.5	<1	15	11	1.38	<10
393413		0.46	0.007	<0.5	0.80	7	20	0.7	<2	7.14	1.0	6	19	56	24.4	<10
393414		0.56	<0.005	<0.5	0.36	13	10	<0.5	<2	7.55	0.6	3	11	30	16.10	<10
393415		0.62	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.21	<0.5	<1	17	6	1.66	<10
393416		0.62	<0.005	<0.5	0.11	7	<10	<0.5	<2	13.85	0.9	1	7	37	9.64	<10
393417		0.65	0.005	<0.5	0.58	11	30	<0.5	<2	0.05	<0.5	1	52	3	1.35	<10
393418		0.49	<0.005	<0.5	1.96	13	40	<0.5	<2	0.20	<0.5	10	66	18	5.67	10
393419		0.54	<0.005	<0.5	0.92	<5	30	<0.5	<2	0.02	<0.5	1	16	19	2.10	<10
393420		0.98	0.006	<0.5	0.04	11	<10	<0.5	<2	3.87	2.0	7	9	99	10.95	<10
393421		0.85	<0.005	<0.5	0.15	<5	<10	<0.5	<2	0.11	<0.5	7	23	48	3.42	<10
393422		0.48	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.01	<0.5	<1	33	4	1.01	<10
393423		0.54	0.006	<0.5	0.04	9	<10	<0.5	<2	1.59	<0.5	<1	13	2	4.72	<10
393424		0.49	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.01	<0.5	<1	18	3	0.76	<10
393425		0.58	<0.005	<0.5	0.01	6	<10	<0.5	<2	6.75	<0.5	<1	9	<1	6.74	<10
393426		1.13	0.008	<0.5	0.29	<5	10	<0.5	2	0.24	<0.5	<1	17	56	7.65	<10
393434		0.42	0.014	<0.5	0.15	<5	10	1.2	4	0.49	<0.5	4	12	13	33.9	<10
393435		0.44	0.006	<0.5	0.05	5	10	<0.5	<2	0.03	<0.5	1	6	15	8.81	<10
393436		0.60	0.012	<0.5	0.12	36	10	0.6	3	0.08	<0.5	5	7	6	31.9	<10
393437		0.55	0.006	<0.5	0.02	<5	<10	0.8	5	0.38	<0.5	2	18	1	10.95	<10
393438		0.51	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.01	<0.5	<1	30	4	1.61	<10
393439		0.50	0.014	<0.5	0.59	105	10	<0.5	<2	1.37	0.6	12	23	66	28.8	<10
393440		0.54	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	<1	16	7	2.37	<10
393441		0.50	<0.005	<0.5	3.51	<5	<10	<0.5	<2	0.12	<0.5	4	16	3	10.30	20
393442		0.50	0.136	<0.5	0.09	<5	<10	<0.5	<2	0.02	<0.5	2	16	18	3.81	<10
393443		0.60	0.020	<0.5	0.25	<5	10	0.6	<2	0.05	<0.5	28	8	357	31.7	<10
393444		0.52	<0.005	<0.5	1.09	<5	<10	<0.5	<2	0.01	<0.5	4	16	31	10.25	<10
393445		0.48	0.007	<0.5	0.80	6	10	<0.5	<2	0.07	<0.5	3	33	43	5.83	<10
393446		0.56	0.015	<0.5	1.08	603	10	<0.5	<2	0.06	<0.5	12	19	88	26.8	<10
393447		0.59	<0.005	<0.5	0.17	58	20	<0.5	<2	2.51	<0.5	3	23	21	7.80	<10
393448		0.38	0.006	<0.5	0.91	35	170	0.6	<2	0.05	<0.5	1	24	5	2.31	<10
393449		0.60	<0.005	<0.5	0.05	8	10	<0.5	<2	0.57	<0.5	<1	14	1	2.79	<10

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300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 1- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16136175

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
393271		1.04	20	0.20	154	9	0.03	3	180	18	0.48	<5	4	8	<20	0.20
393272		0.68	<10	1.56	321	1	0.03	9	130	<2	1.17	<5	3	9	<20	0.01
393301		0.01	<10	2.55	12050	<1	0.01	2	50	<2	<0.01	<5	<1	411	<20	<0.01
393302		0.01	<10	0.31	2790	<1	0.01	5	210	10	0.18	<5	<1	11	<20	0.01
393303		0.07	<10	0.39	3090	1	0.01	2	230	<2	0.01	<5	<1	12	<20	0.01
393304		0.04	10	1.43	2770	<1	0.10	31	10	2	3.73	<5	3	5	<20	<0.01
393305		<0.01	<10	1.05	876	<1	0.19	19	130	2	0.02	<5	13	56	<20	0.37
393306		0.03	10	1.00	1830	<1	0.94	2	3330	9860	0.16	<5	34	80	<20	1.02
393411		0.70	10	0.11	149	6	0.02	4	70	23	0.05	<5	3	2	<20	0.07
393412		<0.01	<10	0.06	312	<1	<0.01	3	40	3	0.28	<5	<1	3	<20	<0.01
393413		0.25	10	3.60	6660	2	0.01	11	840	13	4.35	<5	1	66	<20	0.02
393414		0.12	10	3.57	4730	1	0.01	6	420	4	1.51	<5	1	90	<20	0.01
393415		<0.01	<10	0.08	214	<1	<0.01	2	10	<2	0.43	<5	<1	2	<20	<0.01
393416		0.04	10	5.42	3060	<1	<0.01	8	100	7	2.32	<5	<1	177	<20	<0.01
393417		0.32	<10	0.07	96	5	0.01	8	50	2	0.48	<5	1	2	<20	0.05
393418		0.39	<10	1.05	1990	<1	0.04	26	150	<2	0.22	<5	10	7	<20	0.09
393419		0.26	<10	0.03	150	<1	0.25	7	20	3	0.03	<5	3	9	<20	<0.01
393420		0.01	<10	2.33	3060	1	<0.01	23	650	8	3.45	<5	<1	137	<20	<0.01
393421		0.06	<10	0.14	330	<1	<0.01	22	280	2	1.68	<5	<1	7	<20	<0.01
393422		0.02	<10	0.01	73	<1	<0.01	3	10	<2	0.05	<5	<1	1	<20	0.01
393423		0.02	<10	0.75	883	<1	<0.01	3	110	<2	0.08	<5	<1	21	<20	<0.01
393424		<0.01	<10	<0.01	50	<1	<0.01	2	10	<2	0.07	<5	<1	<1	<20	<0.01
393425		<0.01	10	2.54	1475	<1	<0.01	<1	40	4	0.01	<5	<1	76	<20	<0.01
393426		0.14	<10	0.09	497	<1	0.01	32	60	6	3.27	<5	<1	5	<20	<0.01
393434		0.06	<10	2.32	3840	1	<0.01	1	530	7	1.56	<5	1	11	<20	0.03
393435		0.02	<10	0.44	920	<1	<0.01	<1	210	2	0.15	<5	<1	5	<20	<0.01
393436		0.04	10	2.61	4520	<1	0.01	<1	310	6	0.48	<5	<1	3	<20	0.01
393437		0.01	<10	0.94	2100	<1	<0.01	3	70	<2	0.04	<5	<1	3	<20	<0.01
393438		<0.01	<10	0.01	258	<1	0.01	1	10	<2	0.02	<5	<1	<1	<20	<0.01
393439		0.03	10	1.01	10950	<1	<0.01	18	490	11	2.39	<5	2	29	<20	0.04
393440		0.01	<10	0.01	320	<1	0.01	5	20	<2	0.05	<5	<1	1	<20	<0.01
393441		<0.01	<10	1.96	1005	<1	<0.01	1	270	<2	0.02	<5	5	4	<20	0.01
393442		<0.01	<10	0.04	906	<1	0.01	4	20	<2	0.12	<5	<1	1	<20	<0.01
393443		0.04	10	0.83	2920	2	<0.01	42	440	3	3.27	<5	1	4	<20	0.02
393444		<0.01	<10	0.47	1050	<1	<0.01	3	20	<2	0.29	<5	5	1	<20	0.02
393445		0.02	<10	0.43	371	6	0.01	13	330	<2	0.90	<5	2	1	<20	0.02
393446		0.01	20	1.18	3730	<1	<0.01	32	250	5	3.88	<5	1	2	<20	0.03
393447		0.07	<10	1.32	5000	<1	<0.01	6	200	<2	0.63	<5	<1	21	<20	0.01
393448		0.49	<10	0.11	166	4	0.01	6	70	3	0.21	<5	1	1	<20	0.04
393449		0.01	<10	0.14	1910	<1	0.02	3	40	<2	0.05	<5	<1	16	<20	<0.01

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Projet: KAN

CERTIFICAT D'ANALYSE VO16136175

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
393271		<10	<10	101	<10	9
393272		<10	<10	101	<10	92
393301		<10	<10	15	<10	12
393302		<10	<10	25	<10	22
393303		<10	<10	30	<10	13
393304		<10	<10	16	10	63
393305		<10	<10	275	<10	34
393306		<10	<10	8	<10	178
393411		<10	<10	65	<10	13
393412		<10	<10	2	<10	24
393413		<10	10	61	<10	33
393414		<10	<10	29	<10	27
393415		<10	<10	1	<10	20
393416		<10	<10	7	<10	80
393417		<10	<10	31	<10	32
393418		<10	<10	109	<10	51
393419		<10	<10	13	<10	3
393420		<10	<10	3	<10	253
393421		<10	<10	5	<10	34
393422		<10	<10	3	<10	<2
393423		<10	<10	3	<10	9
393424		<10	<10	<1	<10	<2
393425		<10	<10	2	<10	11
393426		<10	<10	18	<10	34
393434		<10	<10	10	<10	38
393435		<10	<10	5	<10	17
393436		<10	<10	8	<10	50
393437		<10	<10	4	<10	18
393438		<10	<10	1	<10	4
393439		<10	<10	28	<10	92
393440		<10	<10	2	<10	2
393441		<10	<10	153	<10	76
393442		<10	<10	5	<10	3
393443		<10	<10	25	<10	26
393444		<10	<10	48	<10	19
393445		<10	<10	65	<10	56
393446		<10	<10	59	<10	125
393447		<10	<10	16	<10	9
393448		<10	<10	20	<10	3
393449		<10	<10	5	<10	4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO16136175

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
393450		0.49	0.006	<0.5	0.21	10	20	<0.5	<2	0.10	<0.5	11	16	29	14.50	<10
393451		0.49	<0.005	<0.5	0.05	<5	<10	<0.5	<2	3.07	<0.5	<1	19	4	3.62	<10
393452		0.80	0.005	<0.5	0.13	<5	<10	<0.5	<2	12.10	0.5	<1	13	25	10.60	<10
393453		0.45	<0.005	<0.5	0.03	<5	<10	<0.5	<2	0.49	<0.5	1	18	11	2.19	<10
393454		0.34	0.009	<0.5	0.24	<5	10	<0.5	<2	0.40	<0.5	31	14	68	20.2	<10
393455		0.67	0.006	<0.5	0.58	<5	20	<0.5	4	0.03	<0.5	1	30	16	2.31	<10
393456		0.57	0.005	<0.5	0.01	<5	<10	<0.5	<2	2.44	2.1	2	23	31	8.94	<10
393457		0.49	0.012	<0.5	0.10	14	<10	<0.5	<2	0.76	2.2	85	9	348	19.95	<10
393458		0.43	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	3	18	39	2.67	<10
393459		0.45	<0.005	<0.5	0.37	<5	<10	<0.5	<2	0.89	<0.5	1	18	5	4.05	<10
393460		0.52	0.005	<0.5	2.52	<5	50	1.3	<2	9.00	<0.5	<1	11	4	11.10	10
393461		0.54	<0.005	<0.5	0.53	<5	10	<0.5	<2	0.18	<0.5	<1	19	3	3.04	<10
393462		0.94	0.005	<0.5	0.18	<5	10	<0.5	<2	0.10	<0.5	4	10	7	17.70	<10
393463		0.95	0.006	<0.5	0.09	<5	10	0.6	<2	16.5	<0.5	1	6	<1	16.45	<10
393464		0.68	<0.005	<0.5	0.09	<5	<10	<0.5	<2	0.17	<0.5	2	41	12	2.10	<10
393465		0.76	<0.005	<0.5	0.10	17	<10	<0.5	<2	0.58	<0.5	3	22	4	8.02	<10
393466		0.50	<0.005	<0.5	1.13	<5	<10	<0.5	<2	0.27	<0.5	2	18	15	4.48	<10
393467		0.55	0.007	<0.5	1.44	<5	<10	<0.5	<2	0.01	<0.5	4	24	36	15.20	<10
393468		0.62	<0.005	<0.5	0.28	6	40	0.5	<2	2.19	<0.5	2	15	<1	10.65	<10
393469		0.46	0.009	<0.5	5.27	68	90	2.3	6	0.07	<0.5	11	83	43	21.0	30
393470		0.52	0.012	0.5	5.25	10	120	1.4	2	0.18	<0.5	1	64	22	9.93	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16136175

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
393450		0.06	<10	0.08	10250	1	0.01	12	410	14	0.04	<5	1	17	<20	0.01
393451		0.01	<10	1.35	1110	<1	<0.01	3	100	<2	0.05	<5	<1	43	<20	<0.01
393452		0.04	10	4.34	6170	<1	<0.01	3	450	3	0.40	<5	<1	203	<20	<0.01
393453		0.02	<10	0.04	268	<1	<0.01	8	10	<2	0.97	<5	<1	9	<20	<0.01
393454		0.08	<10	0.83	7890	1	0.01	28	350	2	6.49	<5	<1	3	<20	0.01
393455		0.19	<10	0.05	143	3	0.02	4	60	<2	0.16	<5	1	2	<20	0.02
393456		<0.01	<10	1.57	1505	<1	<0.01	4	110	<2	1.55	<5	<1	55	<20	<0.01
393457		0.03	<10	0.27	2380	<1	<0.01	56	90	9	7.91	<5	<1	12	<20	<0.01
393458		<0.01	<10	0.02	278	<1	<0.01	15	30	<2	0.48	<5	<1	<1	<20	<0.01
393459		0.09	<10	0.60	642	<1	<0.01	3	10	<2	0.14	<5	<1	23	<20	<0.01
393460		1.16	10	3.67	2140	1	0.02	<1	70	4	0.05	<5	3	273	<20	0.12
393461		0.17	<10	0.28	287	<1	0.01	3	20	<2	0.15	<5	<1	4	<20	<0.01
393462		0.09	10	3.45	5910	<1	<0.01	5	240	3	1.85	6	1	2	<20	0.03
393463		0.04	10	7.32	3760	<1	<0.01	<1	70	3	<0.01	5	<1	171	<20	<0.01
393464		0.04	<10	0.07	218	<1	<0.01	4	20	<2	0.17	<5	<1	3	<20	<0.01
393465		0.04	<10	1.13	2600	<1	<0.01	5	60	<2	1.49	<5	<1	11	<20	0.01
393466		<0.01	<10	0.75	466	2	<0.01	7	140	<2	0.09	<5	2	2	<20	0.04
393467		0.01	<10	0.58	2080	<1	<0.01	4	50	3	0.50	<5	6	<1	<20	0.03
393468		0.11	<10	1.19	7660	2	0.01	4	310	<2	0.04	<5	1	26	<20	0.01
393469		0.70	20	1.65	8800	3	0.02	41	400	9	3.97	<5	13	15	<20	0.25
393470		0.78	50	1.47	671	64	0.03	78	1090	7	0.22	<5	17	26	<20	0.38

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16136175

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
393450		<10	<10	32	<10	13
393451		<10	<10	4	<10	15
393452		10	<10	14	<10	39
393453		<10	<10	3	<10	33
393454		<10	<10	13	<10	24
393455		<10	<10	16	<10	5
393456		<10	<10	2	<10	471
393457		<10	<10	10	<10	491
393458		<10	<10	1	<10	30
393459		<10	<10	18	<10	35
393460		<10	<10	150	<10	67
393461		<10	<10	26	<10	58
393462		<10	<10	16	<10	13
393463		<10	10	14	<10	20
393464		<10	<10	6	<10	37
393465		<10	<10	12	<10	3
393466		<10	<10	92	<10	24
393467		<10	<10	75	<10	25
393468		<10	<10	28	<10	7
393469		<10	<10	226	<10	146
393470		<10	10	662	<10	156

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Finalisée date: 1- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16136175

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16145500

Projet: FOSSE- AU- KAN

Bon de commande #: FAU16- 047

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 31- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % <75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2016
Compte: MINVIR

Projet: FOSSE- AU- KAN

CERTIFICAT D'ANALYSE VO16145500

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398031		4.85	0.350		<0.5	0.08	5	10	<0.5	<2	1.07	0.6	8	7	2	27.5
398032		<0.02	0.517		<0.5	0.07	<5	10	<0.5	3	1.07	<0.5	10	9	3	27.0
398033		7.04	5.88		<0.5	0.16	<5	10	<0.5	5	1.01	<0.5	6	5	10	29.9
398034		6.51	0.735		<0.5	0.05	<5	10	<0.5	2	1.00	<0.5	7	6	4	28.9
398035		4.13	2.33		<0.5	0.13	8	10	<0.5	<2	1.49	<0.5	6	6	3	24.5
398036		3.12	0.010		<0.5	0.05	<5	<10	<0.5	<2	0.87	0.5	6	9	2	20.2
398037		0.04	1.235		1.1	7.89	108	120	4.5	3	2.30	3.4	19	63	61	5.23
398038		6.92	0.521		<0.5	0.08	<5	10	<0.5	<2	1.41	<0.5	8	3	3	29.4
398039		3.98	2.66		<0.5	0.26	<5	20	<0.5	3	0.56	<0.5	6	10	11	21.6
398040		4.72	0.091		<0.5	0.09	<5	10	<0.5	<2	1.78	0.6	5	2	2	26.3
398041		0.16	<0.005		<0.5	0.04	<5	80	<0.5	<2	16.6	<0.5	<1	2	<1	0.31
398042		5.21	0.144		<0.5	0.02	5	<10	<0.5	4	1.44	<0.5	6	4	1	25.1
398043		3.77	0.994		<0.5	0.24	<5	20	<0.5	4	2.43	<0.5	5	3	5	24.3
398044		1.58	0.388		<0.5	0.38	<5	10	<0.5	2	4.61	0.9	4	13	6	16.05
398045		3.56	7.88		0.8	0.36	<5	40	<0.5	2	2.93	<0.5	9	9	24	15.50
398046		0.05	>10.0	16.45	0.8	7.64	75	310	2.7	15	2.44	0.6	22	74	233	6.10
398047		1.35	8.87		0.5	0.24	<5	20	<0.5	4	2.80	0.8	3	13	8	15.05
398048		4.93	0.007		<0.5	0.17	<5	10	<0.5	<2	8.29	0.6	4	4	<1	19.40
398049		7.27	<0.005		<0.5	0.18	<5	10	<0.5	4	9.34	0.7	5	6	<1	18.55
398050		4.27	0.223		<0.5	0.19	<5	10	<0.5	<2	7.00	<0.5	4	5	1	21.0

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 18- SEPT- 2016
Compte: MINVIR

Projet: FOSSE- AU- KAN

CERTIFICAT D'ANALYSE VO16145500

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398031		<10	0.01	10	2.27	12350	<1	<0.01	<1	130	3	0.19	<5	<1	27	<20
398032		<10	0.01	10	2.22	12250	<1	<0.01	<1	140	2	0.20	<5	<1	26	<20
398033		<10	0.02	10	2.05	8950	<1	<0.01	1	100	<2	0.32	<5	<1	33	<20
398034		<10	0.01	10	2.19	10100	<1	<0.01	<1	130	2	0.10	<5	<1	23	<20
398035		<10	0.01	10	3.07	7980	<1	<0.01	<1	110	2	0.33	<5	<1	39	<20
398036		<10	0.01	10	1.98	6870	<1	<0.01	<1	110	2	0.07	<5	<1	20	<20
398037		30	4.21	10	1.74	435	1	3.53	70	960	162	2.73	<5	5	260	<20
398038		<10	0.01	10	3.53	7850	<1	<0.01	<1	40	<2	0.40	<5	<1	37	<20
398039		<10	0.07	10	0.59	6990	<1	0.03	1	40	<2	0.46	<5	1	28	<20
398040		<10	0.02	10	2.62	7810	<1	<0.01	<1	40	<2	0.10	<5	<1	61	<20
398041		<10	0.01	<10	12.10	335	<1	0.03	<1	40	9	<0.01	<5	<1	106	<20
398042		<10	0.01	10	3.13	7060	<1	<0.01	<1	100	4	0.10	<5	<1	28	<20
398043		<10	0.04	10	2.93	8690	<1	<0.01	<1	60	2	0.42	<5	<1	68	<20
398044		<10	0.01	10	2.14	6930	<1	<0.01	<1	70	<2	0.74	<5	<1	183	<20
398045		<10	0.09	10	1.92	5850	<1	<0.01	2	110	3	2.36	<5	<1	104	<20
398046		20	4.27	10	1.84	450	1	2.89	79	1030	65	3.58	<5	6	333	<20
398047		<10	0.02	10	2.00	4610	<1	<0.01	1	50	<2	0.65	<5	<1	100	<20
398048		<10	0.05	10	4.34	6060	<1	0.01	<1	240	3	0.02	<5	<1	68	<20
398049		<10	0.05	10	4.44	5840	<1	0.01	<1	230	6	0.02	<5	<1	85	<20
398050		<10	0.06	10	4.05	6540	<1	0.01	<1	300	3	0.14	<5	<1	71	<20

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Finalisée date: 18- SEPT- 2016
Compte: MINVIR

Projet: FOSSE- AU- KAN

CERTIFICAT D'ANALYSE VO16145500

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398031		<0.01	<10	<10	8	<10	19
398032		<0.01	10	<10	8	<10	19
398033		<0.01	<10	<10	12	<10	33
398034		<0.01	<10	<10	7	<10	12
398035		<0.01	10	<10	10	<10	21
398036		<0.01	<10	<10	6	<10	15
398037		0.49	<10	<10	64	<10	237
398038		<0.01	<10	<10	10	<10	24
398039		0.01	<10	<10	15	<10	39
398040		<0.01	<10	<10	11	<10	27
398041		<0.01	<10	<10	2	<10	24
398042		<0.01	<10	<10	7	<10	14
398043		<0.01	<10	<10	12	<10	36
398044		<0.01	<10	<10	15	<10	33
398045		<0.01	<10	<10	12	<10	30
398046		0.55	<10	<10	74	<10	72
398047		<0.01	<10	<10	15	<10	22
398048		0.01	<10	<10	14	<10	5
398049		0.01	<10	<10	16	<10	6
398050		0.01	<10	<10	15	<10	10

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Compte: MINVIR

Projet: FOSSE- AU- KAN

CERTIFICAT D'ANALYSE VO16145500

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 23- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16145519

Projet: FOSSE- AU- KAN

Bon de commande #: FAU16- 046

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 31- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
SPL- 21d	Échantillon fractionné - dupliquer
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
LOG- 21d	Notation déchantillon- ClientBarCode dup
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
PUL- 31d	Pulvériser fractionné - dupliquer

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 23- SEPT- 2016
Compte: MINVIR

Projet: FOSSE- AU- KAN

CERTIFICAT D'ANALYSE VO16145519

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
398011		6.18	0.841		<0.5	0.30	<5	30	<0.5	6	1.97	<0.5	6	2	6	28.6
398012		<0.02	0.972		<0.5	0.30	<5	30	<0.5	<2	2.17	0.8	5	7	7	28.8
398013		5.72	0.839		<0.5	0.16	<5	20	<0.5	<2	1.11	<0.5	4	6	<1	23.5
398014		6.44	0.023		<0.5	0.05	<5	<10	<0.5	<2	1.10	<0.5	6	2	<1	29.0
398015		3.94	0.202		<0.5	0.04	<5	<10	0.6	<2	0.61	<0.5	7	4	1	26.5
398016		5.16	0.010		<0.5	0.03	<5	<10	0.9	2	1.00	<0.5	6	1	2	27.6
398017		0.04	1.260		0.9	8.13	107	120	4.5	4	2.36	2.9	18	63	61	5.19
398018		1.41	3.19		<0.5	0.43	<5	10	<0.5	<2	2.02	<0.5	4	9	27	12.20
398019		1.37	0.250		<0.5	0.40	47	30	<0.5	4	2.43	<0.5	7	1	18	28.5
398020		1.42	6.97		<0.5	0.29	503	20	<0.5	2	0.82	<0.5	7	6	63	13.90
398021		0.14	0.031		<0.5	0.05	<5	180	<0.5	<2	18.2	<0.5	<1	2	3	0.56
398022		6.09	3.56		<0.5	0.57	<5	50	<0.5	2	4.87	1.0	7	17	20	20.1
398023		7.23	0.571		<0.5	0.13	<5	10	<0.5	<2	1.67	0.7	6	5	9	23.1
398024		5.84	0.122		<0.5	0.11	<5	10	<0.5	<2	1.79	0.6	6	7	7	20.8
398025		8.00	0.022		<0.5	0.04	<5	<10	<0.5	<2	1.13	0.5	11	8	13	25.5
398026		0.04	>10.0	16.45	0.8	7.83	72	310	2.7	21	2.50	0.7	23	74	258	6.21
398027		6.70	0.011		<0.5	0.71	5	550	<0.5	<2	5.72	<0.5	2	5	4	1.33
398028		4.42	0.012		<0.5	0.05	<5	10	<0.5	<2	1.26	<0.5	4	6	<1	16.70
398029		6.85	4.75		<0.5	0.21	<5	20	<0.5	6	2.34	<0.5	9	2	8	25.1
398030		6.01	1.020		<0.5	0.08	<5	10	<0.5	<2	1.58	0.7	10	3	8	28.7

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 23- SEPT- 2016
Compte: MINVIR

Projet: FOSSE- AU- KAN

CERTIFICAT D'ANALYSE VO16145519

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
398011		<10	0.05	10	3.40	10300	<1	<0.01	<1	280	<2	0.65	<5	<1	72	<20
398012		<10	0.05	10	3.36	10400	<1	<0.01	<1	260	<2	0.71	<5	<1	75	<20
398013		<10	0.03	10	3.20	8410	<1	<0.01	<1	610	<2	0.09	<5	<1	28	<20
398014		<10	0.01	10	3.21	8810	<1	<0.01	<1	60	<2	0.05	<5	<1	25	<20
398015		<10	<0.01	<10	1.44	8120	<1	<0.01	<1	340	<2	0.09	<5	<1	16	<20
398016		<10	<0.01	<10	2.44	10250	<1	<0.01	<1	100	<2	0.16	<5	<1	14	<20
398017		20	4.20	10	1.73	432	1	3.54	69	960	153	2.72	<5	5	263	<20
398018		<10	0.06	<10	1.37	4330	<1	0.01	8	270	<2	1.87	<5	<1	78	<20
398019		<10	0.09	<10	2.55	8090	<1	<0.01	1	140	<2	1.45	<5	<1	80	<20
398020		<10	0.07	<10	0.81	2980	<1	0.01	17	50	<2	4.34	<5	<1	33	<20
398021		<10	0.03	<10	13.40	475	<1	0.05	<1	30	6	0.03	<5	<1	139	<20
398022		<10	0.14	10	2.61	8120	<1	<0.01	2	130	3	1.78	<5	1	188	<20
398023		<10	0.01	10	2.78	9070	<1	<0.01	<1	130	<2	0.37	<5	<1	46	<20
398024		<10	0.01	10	2.43	8110	<1	<0.01	<1	100	3	0.30	<5	<1	52	<20
398025		<10	0.01	10	2.71	12450	<1	<0.01	<1	100	<2	0.06	<5	<1	26	<20
398026		20	4.20	10	1.88	453	1	2.93	79	1050	60	3.57	<5	6	343	<20
398027		<10	0.65	10	0.70	747	2	0.02	2	100	4	0.20	<5	1	79	<20
398028		<10	0.02	10	2.38	6270	<1	<0.01	1	30	<2	0.02	<5	<1	24	<20
398029		<10	0.04	10	2.72	12750	<1	0.01	<1	120	<2	0.33	<5	<1	73	<20
398030		<10	0.02	10	1.67	17600	<1	0.01	<1	220	2	0.83	<5	<1	66	<20

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QUEBEC QC G1K 7R1

Finalisée date: 23- SEPT- 2016
Compte: MINVIR

Projet: FOSSE- AU- KAN

CERTIFICAT D'ANALYSE VO16145519

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398011		<0.01	<10	<10	14	<10	47
398012		<0.01	<10	<10	15	<10	48
398013		<0.01	<10	<10	12	<10	33
398014		<0.01	<10	<10	9	<10	20
398015		<0.01	<10	<10	7	<10	12
398016		<0.01	<10	<10	7	<10	8
398017		0.50	<10	<10	63	<10	221
398018		<0.01	<10	<10	13	<10	44
398019		<0.01	<10	<10	18	<10	41
398020		<0.01	<10	<10	9	<10	33
398021		<0.01	<10	<10	2	<10	28
398022		<0.01	<10	<10	17	<10	49
398023		<0.01	<10	<10	8	<10	18
398024		<0.01	<10	<10	8	<10	19
398025		<0.01	<10	<10	5	<10	13
398026		0.55	<10	<10	74	<10	73
398027		0.07	<10	<10	5	<10	3
398028		<0.01	<10	<10	6	<10	5
398029		0.01	<10	<10	10	<10	29
398030		<0.01	<10	<10	5	<10	27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 23- SEPT- 2016
Compte: MINVIR

Projet: FOSSE- AU- KAN

CERTIFICAT D'ANALYSE VO16145519

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 21d	LOG- 23	PUL- 31
PUL- 31d	PUL- QC	SPL- 21	SPL- 21d
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 24- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16146438

Projet: KAN

Ce rapport s'applique aux 97 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 31- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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QUEBEC QC G1K 7R1

Finalisée date: 24- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146438

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
393229		0.38	<0.005	<0.5	5.21	<5	270	1.0	3	0.01	<0.5	9	78	64	6.06	10
393230		0.73	0.022	<0.5	2.46	<5	140	<0.5	4	0.62	3.2	9	39	254	18.95	<10
393231		0.84	<0.005	<0.5	0.11	56	50	4.2	3	0.32	<0.5	8	25	8	47.0	<10
393232		0.52	0.008	0.6	2.76	<5	170	0.6	<2	0.35	0.5	4	39	15	2.80	10
393233		0.70	<0.005	<0.5	0.68	<5	60	<0.5	<2	0.51	0.6	29	29	71	4.85	<10
393234		0.83	0.005	<0.5	0.05	11	10	1.2	<2	1.79	<0.5	<1	33	1	9.59	<10
393235		0.94	<0.005	<0.5	0.43	<5	30	<0.5	<2	0.23	<0.5	<1	27	2	0.86	<10
393236		0.44	<0.005	<0.5	0.09	<5	<10	<0.5	<2	2.28	1.2	2	17	5	6.27	<10
393237		1.02	0.005	<0.5	0.14	27	20	1.2	4	0.38	0.5	7	6	<1	30.1	<10
393238		0.60	<0.005	<0.5	5.99	<5	10	<0.5	8	0.70	<0.5	35	2	665	15.05	20
393239		0.61	<0.005	<0.5	0.03	7	900	0.5	2	0.02	<0.5	<1	24	2	17.40	<10
393240		0.61	<0.005	<0.5	0.02	<5	10	<0.5	<2	0.49	<0.5	<1	29	2	1.01	<10
393241		0.51	<0.005	<0.5	0.08	<5	10	<0.5	<2	0.05	<0.5	1	26	6	0.65	<10
393242		0.53	<0.005	<0.5	3.44	<5	100	<0.5	<2	0.04	<0.5	7	24	160	4.81	10
393243		0.49	<0.005	<0.5	5.24	<5	130	0.5	2	0.13	<0.5	4	33	16	2.16	10
393244		0.50	<0.005	<0.5	2.55	<5	50	<0.5	2	0.13	<0.5	10	59	25	3.82	10
393245		0.65	0.008	<0.5	1.76	<5	10	<0.5	6	0.12	<0.5	3	21	15	5.62	<10
393246		0.77	0.012	0.7	4.17	40	30	1.9	6	0.17	0.5	42	32	217	19.50	10
393247		0.57	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.03	<0.5	<1	20	1	0.47	<10
393248		0.53	0.016	<0.5	5.13	196	320	1.7	<2	0.52	<0.5	26	93	179	15.60	10
393249		0.36	0.005	<0.5	0.09	<5	10	1.5	<2	15.7	<0.5	<1	11	66	1.31	<10
393250		0.45	0.008	<0.5	2.38	<5	170	1.0	<2	0.19	<0.5	8	21	343	15.40	<10
396401		0.71	<0.005	<0.5	0.26	<5	20	<0.5	<2	0.30	<0.5	42	22	109	10.95	<10
396402		0.80	<0.005	<0.5	0.01	<5	<10	<0.5	<2	1.82	<0.5	<1	26	3	2.89	<10
396403		0.66	<0.005	<0.5	0.04	<5	<10	<0.5	<2	1.35	<0.5	<1	18	1	2.66	<10
396404		0.69	<0.005	<0.5	0.04	<5	10	<0.5	<2	0.29	<0.5	2	26	11	5.07	<10
396405		0.85	<0.005	<0.5	0.03	26	10	<0.5	<2	0.34	3.1	2	31	10	2.91	<10
396406		0.64	<0.005	<0.5	0.20	<5	<10	<0.5	<2	1.57	<0.5	11	18	9	12.20	<10
396407		1.14	0.005	<0.5	0.32	<5	10	0.5	5	5.15	1.0	2	6	4	27.8	<10
396408		0.61	<0.005	<0.5	0.06	<5	<10	0.5	<2	0.15	<0.5	<1	14	<1	5.62	<10
396409		0.65	0.005	<0.5	0.07	<5	10	<0.5	3	11.70	0.5	<1	4	<1	16.85	<10
396410		0.45	<0.005	<0.5	0.11	<5	10	<0.5	<2	0.10	<0.5	<1	17	1	3.26	<10
396411		0.51	0.014	<0.5	5.36	64	210	2.7	2	0.23	<0.5	24	57	204	19.75	10
396412		0.46	0.013	<0.5	6.47	53	720	2.4	<2	0.19	<0.5	18	69	74	13.90	20
396413		0.87	<0.005	<0.5	6.77	<5	40	<0.5	<2	8.59	<0.5	36	34	39	7.00	10
396414		0.68	0.014	<0.5	4.15	11	90	1.5	<2	0.30	6.8	114	81	488	23.4	10
396415		0.60	0.026	<0.5	2.08	<5	60	5.9	2	1.48	2.4	10	30	233	20.8	<10
396416		0.55	0.085	<0.5	0.17	<5	20	0.5	<2	0.42	<0.5	4	29	17	6.51	<10
396417		0.48	0.010	0.6	7.56	41	540	2.6	<2	0.03	<0.5	1	64	36	4.73	20
396418		0.70	<0.005	<0.5	0.07	16	10	0.6	<2	4.61	0.5	10	12	5	7.85	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 24- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146438

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
393229		1.80	20	0.73	1120	1	0.10	13	50	2	0.26	<5	7	48	<20	0.16
393230		0.91	20	0.35	362	10	0.22	120	200	31	8.19	<5	5	34	<20	0.04
393231		0.02	10	0.53	1385	<1	0.01	2	270	<2	0.16	<5	<1	10	<20	0.02
393232		1.14	10	0.38	1765	<1	0.08	15	450	106	0.07	<5	3	87	<20	0.08
393233		0.33	<10	0.23	2810	<1	0.07	60	200	12	1.25	<5	1	70	<20	0.01
393234		0.02	<10	1.30	2120	<1	0.02	<1	20	<2	0.06	<5	<1	15	<20	<0.01
393235		0.16	<10	0.05	260	<1	0.11	2	330	2	0.01	<5	<1	42	<20	0.01
393236		<0.01	<10	1.07	1545	<1	0.02	2	70	3	0.36	<5	<1	19	<20	0.01
393237		0.06	10	1.89	10450	<1	0.02	2	210	<2	0.01	<5	<1	17	<20	0.01
393238		0.01	<10	2.73	1780	<1	0.77	<1	440	4	0.98	<5	41	22	<20	1.00
393239		0.01	<10	0.01	105	1	0.01	1	70	<2	0.04	<5	<1	7	<20	<0.01
393240		<0.01	<10	0.01	252	<1	0.01	<1	10	<2	<0.01	<5	<1	5	<20	<0.01
393241		0.02	<10	0.02	56	<1	0.02	1	210	20	0.07	<5	<1	6	<20	0.01
393242		0.62	10	0.77	206	<1	1.02	2	260	20	0.15	<5	3	29	<20	0.09
393243		0.66	10	0.50	208	<1	2.90	6	420	22	0.09	<5	3	69	<20	0.16
393244		0.10	<10	1.47	378	1	0.51	16	560	142	0.12	<5	3	21	<20	0.05
393245		0.03	<10	0.84	613	<1	0.01	2	40	<2	0.08	<5	1	1	<20	0.01
393246		2.23	10	1.42	1470	7	0.70	104	210	9	>10.0	<5	7	13	<20	0.18
393247		0.01	<10	0.01	57	<1	0.01	<1	10	<2	0.03	<5	<1	2	<20	<0.01
393248		2.72	10	2.18	2060	1	0.45	84	450	10	4.70	<5	10	33	<20	0.43
393249		0.03	<10	0.11	2980	<1	0.01	5	10	5	0.05	<5	1	116	<20	0.01
393250		0.62	10	1.67	2120	<1	0.12	24	70	<2	1.36	<5	3	10	<20	0.09
396401		0.06	<10	0.22	1905	<1	0.06	76	160	<2	5.47	<5	1	12	<20	0.02
396402		<0.01	<10	0.79	571	<1	<0.01	1	20	<2	0.04	<5	<1	8	<20	<0.01
396403		0.01	<10	0.66	553	<1	<0.01	2	70	<2	0.02	<5	<1	4	<20	<0.01
396404		0.01	<10	0.14	665	<1	0.01	4	270	<2	1.77	<5	<1	6	<20	<0.01
396405		0.01	<10	0.24	452	1	0.01	3	50	<2	0.61	<5	<1	4	<20	<0.01
396406		0.01	<10	1.35	3430	<1	<0.01	4	140	<2	1.27	<5	<1	23	<20	<0.01
396407		0.06	10	4.61	7900	<1	0.01	1	320	<2	0.74	<5	1	63	<20	0.01
396408		0.02	<10	0.19	1075	<1	<0.01	1	190	<2	0.01	<5	<1	3	<20	0.01
396409		0.02	<10	5.40	2780	<1	0.02	<1	40	3	<0.01	<5	1	111	<20	<0.01
396410		0.03	<10	0.14	546	<1	<0.01	1	60	2	0.02	<5	<1	2	<20	<0.01
396411		1.47	20	1.99	1275	3	0.02	71	1010	4	6.15	<5	9	5	<20	0.19
396412		3.36	10	1.47	765	5	0.23	28	940	13	2.64	<5	11	21	<20	0.25
396413		0.15	<10	5.08	1420	<1	1.30	86	170	<2	0.04	<5	28	102	<20	0.32
396414		0.48	10	1.20	345	9	1.53	136	740	<2	>10.0	<5	9	25	<20	0.08
396415		0.20	20	1.96	32500	12	0.01	35	1840	18	0.15	<5	4	29	<20	0.08
396416		0.09	10	0.66	6830	<1	<0.01	6	290	4	0.06	<5	1	8	<20	0.01
396417		2.79	30	1.25	793	3	1.15	5	920	39	0.26	6	13	66	20	0.18
396418		0.01	10	1.80	6930	<1	0.01	8	40	4	0.11	<5	<1	15	<20	0.01

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146438

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
393229		<10	<10	49	<10	78
393230		<10	<10	88	<10	887
393231		<10	<10	36	<10	5
393232		<10	<10	25	<10	46
393233		<10	<10	8	<10	23
393234		<10	<10	6	<10	4
393235		<10	<10	4	<10	5
393236		<10	<10	4	<10	143
393237		<10	<10	10	<10	7
393238		<10	<10	566	<10	119
393239		<10	<10	14	<10	2
393240		<10	<10	1	<10	2
393241		<10	<10	1	<10	3
393242		<10	<10	25	<10	43
393243		<10	<10	25	<10	26
393244		<10	<10	32	<10	114
393245		<10	<10	24	<10	41
393246		<10	<10	60	<10	105
393247		<10	<10	<1	<10	2
393248		<10	<10	87	<10	297
393249		<10	<10	1	<10	10
393250		<10	<10	30	<10	66
396401		<10	<10	17	<10	5
396402		<10	<10	1	<10	2
396403		<10	<10	4	<10	<2
396404		<10	<10	3	<10	2
396405		<10	<10	2	<10	396
396406		<10	<10	18	<10	37
396407		<10	<10	30	<10	54
396408		<10	<10	6	<10	2
396409		<10	<10	35	<10	6
396410		<10	<10	9	<10	2
396411		<10	<10	115	<10	69
396412		<10	<10	152	<10	73
396413		<10	<10	235	<10	65
396414		<10	<10	89	<10	1620
396415		<10	10	218	<10	864
396416		<10	<10	20	<10	80
396417		<10	10	136	<10	76
396418		<10	10	20	<10	6

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QUEBEC QC G1K 7R1

Finalisée date: 24- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146438

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
396419		0.45	<0.005	<0.5	5.58	<5	800	0.9	<2	0.66	<0.5	8	91	26	3.21	10
396420		0.54	<0.005	<0.5	4.37	<5	150	42.9	<2	6.13	<0.5	1	23	8	2.89	<10
396421		0.57	0.007	<0.5	7.27	7	870	1.7	2	1.19	<0.5	14	125	10	3.99	20
396422		0.60	0.006	<0.5	8.14	18	760	2.2	<2	1.05	<0.5	22	102	86	5.34	20
396423		0.47	<0.005	<0.5	7.82	12	1040	1.9	2	1.12	<0.5	15	116	39	4.58	20
396424		0.63	0.007	<0.5	7.19	10	730	1.7	<2	1.95	<0.5	14	175	23	4.53	20
396425		0.85	0.019	<0.5	3.16	<5	200	0.8	<2	2.31	<0.5	3	94	88	2.67	10
396426		0.40	<0.005	<0.5	1.92	<5	320	11.8	<2	1.58	<0.5	<1	20	1	1.17	<10
396427		0.79	0.014	<0.5	0.19	<5	10	<0.5	<2	0.07	<0.5	2	27	12	2.20	<10
396428		1.01	0.008	<0.5	2.99	<5	520	0.8	2	0.50	0.6	9	42	31	21.5	10
396429		0.66	0.005	<0.5	2.62	<5	220	1.2	<2	0.08	<0.5	5	26	23	15.85	10
396430		0.75	1.595	1.0	0.02	<5	10	<0.5	3	0.01	0.5	50	15	487	20.7	<10
396431		0.75	<0.005	<0.5	0.12	<5	20	<0.5	<2	0.87	<0.5	2	23	3	1.92	<10
396432		0.78	0.007	<0.5	0.85	<5	<10	<0.5	<2	0.19	<0.5	4	43	89	1.80	<10
396433		0.51	<0.005	<0.5	1.48	<5	180	<0.5	<2	1.79	<0.5	3	25	6	1.52	<10
398058		0.68	0.006	<0.5	0.05	<5	10	<0.5	2	16.7	0.7	<1	6	4	10.30	<10
398059		0.52	0.013	<0.5	0.06	<5	<10	<0.5	<2	0.22	<0.5	<1	16	1	2.39	<10
398060		0.41	5.64	0.7	1.28	<5	20	<0.5	9	2.41	0.6	588	14	239	34.6	<10
398061		0.38	0.095	0.7	1.32	<5	20	<0.5	6	2.47	0.7	608	16	253	35.9	<10
398062		0.57	0.021	<0.5	0.08	<5	<10	<0.5	<2	1.32	<0.5	2	10	30	9.34	<10
398063		0.25	0.008	<0.5	0.19	<5	10	<0.5	<2	3.34	<0.5	<1	10	9	6.82	<10
398064		0.30	0.239	<0.5	0.06	<5	<10	<0.5	<2	0.09	<0.5	2	10	2	4.10	<10
398065		0.47	0.130	<0.5	0.03	<5	<10	<0.5	<2	1.80	0.5	1	11	<1	15.85	<10
398066		0.34	0.030	<0.5	0.06	<5	<10	<0.5	<2	3.65	<0.5	<1	11	1	4.32	<10
398067		0.45	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.04	<0.5	<1	15	1	1.69	<10
398068		0.41	<0.005	<0.5	0.26	<5	<10	<0.5	<2	0.05	<0.5	1	21	2	2.02	<10
398069		1.21	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.03	<0.5	<1	24	1	1.85	<10
398070		0.63	0.007	<0.5	0.22	<5	10	<0.5	<2	7.65	0.8	1	18	3	15.60	<10
398072		0.45	0.168	<0.5	0.10	<5	10	<0.5	<2	1.24	<0.5	<1	16	1	4.11	<10
398073		0.70	<0.005	<0.5	0.03	<5	<10	<0.5	<2	2.96	<0.5	<1	14	<1	4.59	<10
398074		0.52	<0.005	<0.5	0.05	<5	<10	<0.5	<2	1.90	<0.5	<1	42	1	2.09	<10
398075		0.29	<0.005	<0.5	0.06	<5	<10	<0.5	<2	1.04	<0.5	<1	17	3	1.72	<10
398076		0.67	<0.005	<0.5	0.03	<5	<10	<0.5	<2	1.42	<0.5	<1	16	1	2.40	<10
398077		0.92	0.006	<0.5	0.75	<5	<10	<0.5	<2	1.68	<0.5	2	37	2	4.59	<10
398078		0.46	0.005	<0.5	0.18	<5	<10	<0.5	<2	1.17	<0.5	<1	17	1	2.23	<10
398079		0.76	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.45	<0.5	<1	33	1	0.83	<10
398080		0.67	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.32	<0.5	<1	23	2	0.79	<10
398081		1.00	<0.005	<0.5	0.65	<5	30	<0.5	<2	0.78	<0.5	<1	37	2	0.79	<10
398082		0.58	0.010	<0.5	0.01	<5	<10	<0.5	<2	0.02	<0.5	<1	39	1	0.67	<10
398083		0.82	<0.005	<0.5	5.79	<5	220	0.9	<2	2.05	<0.5	8	42	10	7.06	10

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QUEBEC QC G1K 7R1

Finalisée date: 24- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146438

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
396419		2.02	20	1.06	449	<1	2.11	29	510	14	0.01	<5	9	133	<20	0.27
396420		0.41	<10	0.52	4420	<1	0.55	5	100	<2	0.02	<5	4	86	<20	0.04
396421		2.49	20	1.49	504	<1	2.75	47	790	3	0.01	<5	13	216	<20	0.38
396422		2.98	20	1.71	873	<1	2.52	67	890	7	<0.01	<5	17	215	<20	0.46
396423		3.14	20	1.56	501	<1	2.52	51	950	123	0.02	<5	15	187	<20	0.44
396424		1.83	30	1.49	602	<1	2.71	46	850	14	0.01	<5	15	310	<20	0.45
396425		0.54	20	0.73	450	<1	1.21	17	410	63	0.03	<5	7	72	<20	0.22
396426		0.52	<10	0.09	1045	<1	0.52	3	50	4	<0.01	<5	1	37	<20	0.02
396427		0.02	<10	0.07	175	<1	0.07	7	10	2	0.29	<5	<1	7	<20	0.01
396428		0.94	20	2.18	2160	<1	0.54	20	650	10	0.60	<5	4	60	<20	0.11
396429		0.72	10	2.22	1480	<1	0.37	14	150	20	0.23	<5	4	57	<20	0.09
396430		<0.01	<10	0.01	93	<1	<0.01	118	20	18	>10.0	<5	<1	1	<20	<0.01
396431		0.04	<10	0.18	1170	<1	0.01	5	1020	6	0.07	<5	<1	18	<20	0.10
396432		0.01	<10	0.66	203	<1	0.05	7	30	<2	0.08	<5	6	3	<20	0.04
396433		0.59	40	0.79	1035	<1	0.46	7	160	8	0.06	<5	2	68	<20	0.04
398058		0.01	10	5.69	5820	<1	0.02	3	140	5	0.06	<5	<1	101	<20	<0.01
398059		0.02	<10	0.11	850	<1	0.01	<1	90	<2	0.01	<5	<1	5	<20	<0.01
398060		0.21	<10	2.10	6120	<1	0.02	23	210	11	>10.0	<5	1	43	<20	0.01
398061		0.22	<10	2.17	6260	<1	0.02	22	230	15	>10.0	<5	1	43	<20	0.01
398062		0.03	<10	0.27	1490	<1	0.01	12	40	<2	3.53	<5	<1	17	<20	<0.01
398063		0.04	<10	0.69	2710	<1	0.01	2	210	<2	0.45	<5	<1	34	<20	<0.01
398064		0.02	<10	0.06	846	<1	0.01	<1	250	<2	0.08	<5	<1	3	<20	<0.01
398065		0.01	<10	0.47	7070	<1	0.01	1	680	<2	0.03	<5	1	34	<20	<0.01
398066		<0.01	<10	1.09	1995	<1	<0.01	1	80	2	0.03	<5	<1	38	<20	<0.01
398067		<0.01	<10	0.03	521	<1	<0.01	<1	30	<2	0.01	<5	<1	<1	<20	<0.01
398068		0.01	<10	0.13	543	<1	<0.01	1	90	<2	0.02	<5	<1	2	<20	<0.01
398069		0.01	<10	0.04	601	<1	<0.01	1	10	<2	<0.01	<5	<1	2	<20	<0.01
398070		0.08	10	3.87	5120	<1	0.01	2	580	<2	0.26	<5	<1	71	<20	0.01
398072		0.05	<10	0.30	1190	<1	0.01	3	70	2	0.26	<5	<1	17	<20	<0.01
398073		0.01	<10	0.59	1420	<1	0.01	<1	270	2	<0.01	<5	<1	32	<20	<0.01
398074		0.02	<10	0.63	762	<1	0.01	<1	130	3	<0.01	<5	<1	9	<20	<0.01
398075		0.03	<10	0.34	761	<1	0.01	3	140	<2	0.03	<5	<1	4	<20	<0.01
398076		0.01	<10	0.15	1520	<1	0.01	3	520	<2	0.01	<5	<1	15	<20	0.01
398077		0.01	<10	1.19	2310	<1	<0.01	4	170	<2	0.05	<5	<1	14	<20	0.03
398078		0.01	<10	0.49	753	<1	<0.01	3	30	<2	0.02	<5	<1	17	<20	0.01
398079		<0.01	<10	0.09	287	<1	<0.01	<1	30	<2	<0.01	<5	<1	10	<20	<0.01
398080		0.01	<10	0.08	300	<1	0.01	3	40	4	<0.01	<5	<1	11	<20	0.01
398081		0.11	<10	0.37	264	<1	0.16	4	10	2	0.01	<5	1	12	<20	0.01
398082		<0.01	<10	<0.01	67	1	<0.01	10	<10	2	0.07	<5	<1	1	<20	<0.01
398083		1.77	30	3.18	2120	<1	1.45	21	280	6	0.21	<5	7	97	<20	0.23

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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 24- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146438

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
396419		<10	<10	71	<10	48
396420		<10	<10	119	<10	160
396421		<10	<10	91	<10	69
396422		<10	<10	121	<10	83
396423		<10	<10	109	<10	211
396424		<10	<10	123	<10	83
396425		<10	<10	78	<10	48
396426		<10	<10	7	<10	50
396427		<10	<10	3	<10	15
396428		<10	<10	41	<10	147
396429		<10	<10	31	<10	75
396430		<10	<10	<1	<10	3
396431		<10	<10	1	<10	4
396432		<10	<10	30	<10	22
396433		<10	<10	8	<10	13
398058		<10	<10	5	<10	17
398059		<10	<10	4	<10	9
398060		<10	<10	67	<10	70
398061		<10	<10	69	<10	70
398062		<10	<10	5	<10	8
398063		<10	<10	11	<10	21
398064		<10	<10	5	<10	5
398065		<10	<10	4	<10	72
398066		<10	<10	6	<10	10
398067		<10	<10	1	<10	5
398068		<10	<10	12	<10	10
398069		<10	<10	1	<10	7
398070		<10	<10	18	<10	31
398072		<10	<10	8	<10	12
398073		<10	<10	3	<10	9
398074		<10	<10	4	<10	2
398075		<10	<10	4	<10	3
398076		<10	<10	2	<10	3
398077		<10	<10	45	<10	22
398078		<10	<10	9	<10	3
398079		<10	<10	1	<10	<2
398080		<10	<10	1	<10	2
398081		<10	<10	8	<10	30
398082		<10	10	1	<10	4
398083		<10	<10	56	<10	52

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QUEBEC QC G1K 7R1

Finalisée date: 24- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146438

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398084		0.56	<0.005	<0.5	0.19	<5	<10	<0.5	<2	0.08	<0.5	<1	33	3	0.64	<10
398085		0.80	<0.005	<0.5	0.23	<5	<10	<0.5	<2	0.01	<0.5	<1	27	21	2.25	<10
398086		0.85	0.006	<0.5	0.83	<5	80	<0.5	<2	0.05	<0.5	<1	32	3	2.53	<10
398087		0.80	0.009	<0.5	4.38	<5	480	2.1	<2	0.11	<0.5	29	31	132	17.75	10
398088		0.96	0.015	<0.5	5.51	<5	300	2.1	<2	1.54	<0.5	11	66	66	9.79	10
398089		0.90	<0.005	<0.5	1.13	<5	60	<0.5	<2	0.62	<0.5	4	75	29	3.62	<10
398090		0.78	0.007	<0.5	0.70	<5	10	<0.5	<2	0.07	<0.5	3	38	24	2.91	<10
398091		0.94	0.012	<0.5	1.56	<5	<10	<0.5	<2	0.58	<0.5	3	23	6	4.82	<10
398092		0.68	0.006	<0.5	2.81	<5	<10	<0.5	<2	0.40	<0.5	10	40	10	6.57	10
398093		0.77	<0.005	1.0	5.49	<5	310	2.0	3	0.12	0.5	29	41	612	16.35	10
398094		0.50	<0.005	<0.5	0.91	<5	<10	<0.5	<2	0.07	<0.5	3	24	6	2.61	<10
398095		1.01	<0.005	<0.5	2.30	<5	10	<0.5	<2	0.47	<0.5	13	109	104	5.89	<10
398096		0.88	<0.005	<0.5	1.67	<5	10	<0.5	<2	0.15	<0.5	32	32	81	4.80	<10
398097		0.39	<0.005	<0.5	0.06	<5	10	<0.5	<2	0.48	<0.5	<1	13	5	3.06	<10
398098		0.44	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.51	<0.5	<1	23	1	0.57	<10
398099		0.74	<0.005	<0.5	1.70	<5	150	0.5	<2	9.99	<0.5	<1	13	1	1.14	<10
398100		0.62	<0.005	<0.5	0.07	<5	10	<0.5	<2	0.57	<0.5	1	30	6	1.58	<10

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Finalisée date: 24- SEPT- 2016
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CERTIFICAT D'ANALYSE VO16146438

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398084		0.01	<10	0.11	125	<1	0.06	3	10	<2	<0.01	<5	<1	3	<20	<0.01
398085		0.01	<10	0.11	190	<1	0.01	2	40	3	0.04	<5	<1	2	<20	<0.01
398086		0.19	<10	0.16	289	<1	0.01	4	220	<2	0.01	<5	1	4	<20	0.03
398087		2.11	20	0.95	845	8	0.36	46	220	23	2.59	<5	8	37	<20	0.16
398088		2.18	20	2.87	2240	<1	0.49	34	570	10	1.84	<5	9	84	<20	0.21
398089		0.32	<10	0.54	714	2	0.01	13	410	7	0.27	<5	5	9	<20	0.21
398090		0.04	<10	0.36	555	<1	<0.01	6	40	<2	0.22	<5	1	1	<20	0.04
398091		0.01	<10	0.77	1440	<1	<0.01	4	10	<2	0.03	<5	1	6	<20	0.01
398092		<0.01	30	1.86	1810	2	<0.01	28	850	2	0.08	<5	5	5	<20	0.16
398093		2.17	20	1.59	1025	4	0.23	84	290	36	6.49	<5	9	7	<20	0.21
398094		0.01	<10	0.58	543	<1	0.01	5	160	<2	0.02	<5	2	3	<20	0.06
398095		0.02	<10	1.09	639	3	0.42	50	250	6	0.67	<5	7	4	<20	0.29
398096		0.02	<10	1.04	578	1	0.11	95	60	9	0.88	<5	5	3	<20	0.09
398097		0.02	<10	0.31	73	14	<0.01	3	60	30	1.33	<5	<1	3	<20	<0.01
398098		0.01	<10	0.25	63	<1	0.01	<1	40	<2	0.01	<5	<1	2	<20	<0.01
398099		0.91	<10	5.74	485	1	0.02	3	120	3	<0.01	<5	1	251	<20	0.02
398100		0.04	<10	0.27	62	<1	<0.01	2	40	3	0.87	<5	<1	2	<20	<0.01

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CERTIFICAT D'ANALYSE VO16146438

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398084		<10	<10	4	<10	2
398085		<10	<10	4	<10	5
398086		<10	<10	15	<10	10
398087		10	<10	59	<10	91
398088		<10	<10	120	<10	215
398089		<10	<10	33	<10	30
398090		<10	<10	12	<10	20
398091		<10	<10	23	<10	41
398092		<10	<10	43	<10	58
398093		<10	<10	76	<10	134
398094		<10	<10	20	<10	19
398095		<10	<10	51	<10	47
398096		<10	<10	39	<10	46
398097		<10	<10	1	<10	12
398098		<10	<10	<1	<10	<2
398099		<10	<10	10	<10	25
398100		<10	<10	3	<10	2

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Finalisée date: 24- SEPT- 2016
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Projet: KAN

CERTIFICAT D'ANALYSE VO16146438

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16146442

Projet: KAN

Ce rapport s'applique aux 98 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 31- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER AUDREY ROUSSEL- LALIER	CHARLES GAUMOND SYLVAIN TREPANIER	SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICAT D'ANALYSE VO16146442

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
393374		0.77	0.010	3.9	0.85	<5	10	<0.5	8	15.7	1.1	4	11	18	1.61	<10
393375		0.54	0.067	3.3	1.30	<5	10	<0.5	3	1.73	4.2	11	21	3060	3.09	<10
393376		0.60	0.015	<0.5	2.01	<5	10	<0.5	<2	1.50	<0.5	9	19	163	3.53	<10
393377		0.45	0.007	<0.5	2.37	7	<10	<0.5	<2	2.44	<0.5	18	57	147	2.88	<10
393378		0.57	0.006	0.7	0.53	<5	10	<0.5	2	0.39	<0.5	1	20	14	1.21	<10
393379		0.44	0.010	<0.5	6.09	<5	30	1.5	<2	0.82	<0.5	16	5	853	11.50	20
393380		0.44	<0.005	<0.5	4.88	<5	610	0.6	<2	0.09	<0.5	<1	31	7	1.34	10
393381		0.58	0.007	<0.5	0.52	<5	60	<0.5	<2	0.48	<0.5	5	26	32	2.42	<10
393382		0.28	<0.005	<0.5	3.10	<5	450	0.5	<2	0.17	<0.5	3	20	20	4.31	10
393383		0.26	0.005	<0.5	3.53	<5	600	0.5	<2	0.06	<0.5	10	29	10	4.38	10
393384		0.48	0.006	<0.5	2.37	<5	190	0.5	<2	0.04	<0.5	5	34	41	2.07	10
393385		0.32	0.009	<0.5	6.29	<5	20	<0.5	<2	6.74	<0.5	66	6	723	14.15	20
393386		0.54	0.006	<0.5	8.64	<5	10	<0.5	<2	5.77	<0.5	116	1395	1000	10.70	20
393387		0.49	0.017	<0.5	8.47	<5	40	<0.5	<2	10.15	<0.5	56	484	2020	7.39	20
393388		0.87	<0.005	<0.5	0.27	<5	10	<0.5	<2	0.13	<0.5	6	20	12	1.56	<10
393389		0.42	0.008	<0.5	1.24	6	10	<0.5	<2	0.99	<0.5	6	34	3	1.97	<10
393390		0.52	0.006	<0.5	3.09	<5	10	<0.5	<2	6.44	0.9	72	7	173	16.80	10
393391		0.32	0.006	<0.5	0.31	<5	10	<0.5	<2	0.47	<0.5	8	24	17	1.55	<10
393392		0.22	0.008	<0.5	4.78	<5	50	0.5	<2	3.50	<0.5	35	10	593	13.40	20
393393		0.90	0.006	<0.5	2.35	<5	10	<0.5	<2	0.80	<0.5	29	19	68	6.73	10
393394		0.45	<0.005	<0.5	0.09	<5	180	<0.5	<2	2.43	<0.5	<1	29	2	0.57	<10
393395		0.39	0.008	<0.5	7.72	<5	740	1.9	<2	1.07	<0.5	8	60	104	4.10	20
393396		0.90	0.009	<0.5	0.11	20	10	<0.5	<2	4.50	1.5	3	24	13	4.63	<10
393397		0.61	0.006	0.7	0.35	29	110	<0.5	4	1.26	1.1	5	25	99	3.12	<10
393398		0.60	0.005	<0.5	0.10	<5	80	<0.5	<2	1.29	<0.5	<1	33	1	0.50	<10
393399		0.87	0.007	<0.5	0.02	9	10	<0.5	<2	2.18	<0.5	2	21	3	0.85	<10
393400		0.48	<0.005	<0.5	0.64	<5	110	<0.5	<2	3.14	<0.5	<1	26	17	0.69	<10
397701		0.93	0.090	1.3	2.76	11	230	1.3	<2	0.25	0.8	7	66	23	5.46	10
397702		0.76	0.009	<0.5	0.01	<5	<10	<0.5	<2	0.01	<0.5	2	27	18	1.73	<10
397703		0.93	0.057	0.6	0.44	7	20	0.7	<2	0.08	0.7	1	29	51	3.27	<10
397704		0.91	0.008	<0.5	0.03	<5	<10	<0.5	<2	<0.01	<0.5	<1	26	6	0.98	<10
397705		0.69	<0.005	<0.5	0.07	<5	<10	<0.5	<2	<0.01	0.6	22	20	66	7.17	<10
397706		0.69	<0.005	<0.5	1.41	<5	70	<0.5	<2	0.69	<0.5	9	49	6	1.91	<10
397707		1.02	0.020	<0.5	6.77	25	450	1.5	<2	1.73	<0.5	9	64	36	3.59	20
397708		0.73	<0.005	<0.5	6.77	18	950	1.6	<2	2.52	<0.5	10	91	33	3.38	10
397709		1.17	<0.005	<0.5	6.60	12	600	1.5	<2	1.82	<0.5	13	105	23	3.75	10
397710		0.79	<0.005	<0.5	7.21	12	930	1.2	<2	1.81	<0.5	13	119	21	3.81	20
397711		0.84	0.005	<0.5	7.12	14	680	1.7	<2	1.91	<0.5	13	122	28	3.90	20
397712		0.59	<0.005	<0.5	6.74	25	670	1.9	<2	1.42	<0.5	13	145	28	3.71	20
397713		0.85	<0.005	<0.5	5.65	14	1670	1.3	<2	1.97	<0.5	13	87	38	3.73	10

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Finalisée date: 19- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146442

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
393374		0.02	<10	0.81	1915	2	0.02	5	20	1300	0.03	<5	15	276	<20	0.01
393375		0.02	<10	1.06	519	<1	0.09	14	30	266	0.43	<5	3	6	<20	<0.01
393376		0.02	<10	1.90	683	<1	0.02	15	10	5	0.05	<5	2	7	<20	0.01
393377		0.01	<10	1.33	423	<1	0.61	51	100	11	0.11	<5	13	56	<20	0.20
393378		0.01	<10	0.32	198	<1	0.03	2	10	193	0.01	<5	3	7	<20	0.01
393379		0.05	10	1.33	1450	1	2.73	<1	550	37	0.47	<5	41	65	<20	1.21
393380		1.42	<10	0.28	121	<1	1.86	2	270	14	0.09	<5	2	43	<20	0.08
393381		0.23	<10	0.04	168	<1	0.07	9	40	46	0.87	<5	<1	12	<20	0.01
393382		1.35	10	0.30	202	1	0.50	8	130	57	0.77	<5	2	21	<20	0.06
393383		1.33	10	0.29	107	<1	0.96	11	320	64	1.76	<5	2	29	<20	0.07
393384		0.98	<10	0.25	100	1	0.06	11	110	13	0.18	<5	3	19	<20	0.09
393385		0.13	<10	3.79	1545	<1	1.69	69	180	<2	0.13	<5	50	88	<20	1.12
393386		0.03	10	3.13	1060	2	1.41	524	100	3	2.09	<5	29	132	<20	0.94
393387		0.11	<10	3.35	1120	2	1.34	285	100	<2	0.87	<5	34	124	<20	0.33
393388		0.07	<10	0.06	207	<1	0.10	8	50	<2	0.51	<5	<1	7	<20	<0.01
393389		0.02	<10	0.64	343	1	0.35	11	20	<2	0.01	<5	6	7	<20	0.04
393390		0.13	<10	3.98	2220	<1	0.43	<1	220	<2	0.45	<5	12	14	<20	0.03
393391		0.01	<10	0.17	217	<1	0.01	2	10	<2	0.08	<5	1	9	<20	<0.01
393392		0.14	10	1.89	1350	<1	1.19	2	360	<2	0.45	<5	43	61	<20	1.48
393393		<0.01	<10	1.25	864	<1	0.01	4	10	<2	0.03	<5	1	11	<20	0.02
393394		0.07	<10	1.31	78	<1	0.01	<1	30	<2	<0.01	<5	<1	13	<20	<0.01
393395		4.51	40	2.85	82	<1	0.06	22	450	4	0.43	<5	11	18	<20	0.34
393396		0.07	<10	2.31	327	1	<0.01	9	60	12	4.07	<5	<1	27	<20	<0.01
393397		0.31	<10	0.37	94	<1	0.01	7	1780	46	2.82	<5	<1	46	<20	0.01
393398		0.11	<10	0.64	65	<1	0.01	2	80	<2	0.01	<5	<1	6	<20	<0.01
393399		0.01	<10	1.15	64	<1	<0.01	<1	30	2	0.37	<5	<1	12	<20	<0.01
393400		0.64	<10	1.76	95	<1	0.02	3	140	2	0.01	<5	1	16	<20	0.01
397701		1.12	<10	0.51	1775	38	0.67	38	970	26	0.23	<5	6	47	<20	0.16
397702		<0.01	<10	0.02	297	<1	<0.01	7	10	<2	0.64	<5	<1	<1	<20	<0.01
397703		0.11	<10	0.07	995	6	0.14	5	370	21	0.07	<5	1	8	<20	0.02
397704		0.01	<10	<0.01	69	<1	<0.01	1	30	<2	0.06	<5	<1	1	<20	<0.01
397705		0.01	<10	0.01	214	1	0.01	108	10	2	5.13	<5	<1	3	<20	<0.01
397706		0.09	<10	0.63	253	<1	0.50	11	230	<2	0.02	<5	4	20	<20	0.15
397707		1.53	20	1.16	477	1	2.55	27	640	21	0.01	<5	11	416	<20	0.29
397708		2.17	20	0.95	406	<1	2.61	37	660	21	0.08	<5	11	259	<20	0.32
397709		2.06	20	1.21	493	<1	1.95	39	700	11	0.01	<5	11	213	<20	0.33
397710		2.37	30	1.42	462	1	2.88	41	1220	19	<0.01	<5	13	225	<20	0.41
397711		2.12	30	1.40	501	1	2.35	44	760	16	0.01	5	13	385	<20	0.37
397712		1.78	30	1.59	536	16	2.16	50	720	38	0.01	<5	12	145	<20	0.34
397713		1.95	20	1.26	558	5	1.10	43	560	26	0.03	<5	11	340	<20	0.27

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146442

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
393374		<10	<10	32	<10	12
393375		<10	<10	26	<10	46
393376		<10	<10	38	<10	32
393377		<10	<10	90	<10	30
393378		<10	<10	23	<10	16
393379		<10	<10	60	<10	65
393380		<10	<10	26	<10	25
393381		<10	<10	4	<10	3
393382		<10	<10	18	<10	13
393383		<10	<10	28	<10	18
393384		<10	<10	19	<10	19
393385		<10	<10	1405	<10	97
393386		<10	<10	404	<10	70
393387		<10	<10	308	<10	43
393388		<10	<10	5	<10	25
393389		<10	<10	64	<10	17
393390		<10	<10	192	<10	127
393391		<10	<10	14	<10	10
393392		<10	<10	397	<10	91
393393		<10	<10	86	<10	70
393394		<10	<10	1	<10	2
393395		<10	<10	54	<10	92
393396		<10	<10	14	<10	524
393397		<10	<10	2	<10	125
393398		<10	<10	1	<10	2
393399		<10	<10	3	<10	3
393400		10	<10	6	<10	4
397701		<10	20	511	<10	168
397702		<10	<10	2	<10	10
397703		<10	<10	44	10	152
397704		<10	<10	3	<10	3
397705		<10	<10	2	<10	58
397706		<10	<10	45	<10	19
397707		<10	<10	69	<10	86
397708		<10	<10	82	<10	66
397709		<10	<10	88	<10	74
397710		<10	<10	96	<10	84
397711		<10	<10	95	<10	76
397712		<10	<10	91	<10	84
397713		<10	<10	77	<10	79

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QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146442

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
397714		0.60	<0.005	<0.5	5.92	9	1150	1.5	<2	0.89	<0.5	17	66	27	3.75	10
397715		1.06	0.013	<0.5	6.73	7	580	1.4	<2	1.42	<0.5	14	102	49	3.33	10
397716		1.02	0.031	<0.5	6.99	13	660	1.4	<2	1.18	<0.5	15	141	24	4.36	10
397717		0.82	<0.005	<0.5	2.72	<5	10	<0.5	<2	3.53	<0.5	12	115	10	2.85	10
397718		0.76	<0.005	<0.5	0.26	<5	10	<0.5	<2	0.95	<0.5	1	23	1	0.64	<10
397719		1.03	<0.005	<0.5	2.47	<5	10	<0.5	<2	8.23	<0.5	12	44	15	2.94	<10
397720		1.01	0.007	<0.5	6.99	<5	140	<0.5	<2	5.48	<0.5	32	10	386	8.13	20
397721		0.79	<0.005	<0.5	0.12	<5	<10	<0.5	<2	0.04	<0.5	2	28	31	1.13	<10
397722		0.68	0.011	<0.5	2.11	<5	200	0.7	<2	0.57	0.6	12	15	11	27.7	10
398551		0.53	<0.005	<0.5	0.03	<5	<10	<0.5	<2	2.45	<0.5	1	21	2	0.60	<10
398552		0.56	<0.005	0.5	7.09	7	390	3.8	<2	0.42	<0.5	8	66	41	5.44	20
398553		0.69	<0.005	<0.5	0.46	<5	20	<0.5	<2	0.39	<0.5	1	31	18	0.87	<10
398554		0.58	0.020	1.8	7.26	<5	540	2.5	<2	0.20	<0.5	<1	67	19	1.66	20
398555		0.57	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.07	<0.5	<1	52	4	1.41	<10
398556		0.43	<0.005	<0.5	0.57	<5	50	1.0	5	0.20	<0.5	<1	27	20	31.4	<10
398557		0.48	<0.005	<0.5	0.10	<5	<10	<0.5	<2	0.02	<0.5	1	25	10	0.66	<10
398558		0.44	<0.005	<0.5	4.70	<5	280	1.1	<2	0.03	<0.5	11	61	76	5.00	10
398559		0.50	0.014	<0.5	7.60	<5	10	<0.5	<2	6.50	<0.5	26	323	80	10.00	20
398560		0.68	<0.005	<0.5	4.07	<5	20	<0.5	<2	5.14	<0.5	16	156	49	4.80	10
398561		0.69	<0.005	<0.5	5.37	<5	30	<0.5	<2	5.67	<0.5	11	135	64	4.17	10
398562		0.41	0.018	<0.5	7.21	8	280	1.7	<2	0.47	<0.5	25	80	242	15.65	20
398563		0.60	<0.005	<0.5	0.85	<5	10	<0.5	<2	1.75	<0.5	1	23	3	2.35	<10
398564		0.66	<0.005	<0.5	0.60	<5	10	<0.5	<2	5.20	<0.5	3	33	2	1.16	<10
398565		0.49	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.08	<0.5	1	27	2	0.69	<10
398566		0.50	<0.005	<0.5	0.35	<5	80	1.1	2	0.13	0.5	2	9	16	29.6	<10
398567		0.77	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.05	<0.5	1	24	24	0.77	<10
398568		0.75	<0.005	<0.5	0.07	<5	<10	<0.5	<2	0.03	<0.5	1	27	4	0.58	<10
398569		0.64	<0.005	<0.5	0.17	158	30	0.7	<2	0.37	0.8	2	59	12	8.26	<10
398570		0.60	0.005	<0.5	0.02	<5	10	0.7	2	0.06	<0.5	<1	26	<1	31.5	<10
398572		0.43	0.018	1.7	1.99	8	160	1.2	<2	0.26	0.8	7	50	190	13.25	<10
398573		0.81	0.029	0.6	5.13	<5	250	2.3	4	0.03	<0.5	17	77	102	11.00	20
398574		0.56	<0.005	<0.5	4.53	<5	440	1.2	<2	0.15	<0.5	14	110	2	19.85	20
398575		0.54	<0.005	<0.5	0.03	<5	10	<0.5	<2	0.86	<0.5	<1	22	1	2.40	<10
398576		0.74	<0.005	<0.5	5.40	<5	10	<0.5	2	0.12	<0.5	15	144	42	15.60	20
398577		1.14	0.005	<0.5	0.94	<5	130	2.2	<2	1.17	0.6	3	19	4	33.1	10
398578		0.77	<0.005	<0.5	1.30	<5	240	1.4	<2	0.18	0.7	5	31	32	21.6	10
398579		0.96	<0.005	<0.5	0.56	<5	30	2.4	<2	2.46	0.9	8	4	29	29.7	<10
398580		1.27	<0.005	<0.5	2.11	<5	40	4.4	<2	3.67	0.8	14	10	<1	22.4	10
398581		0.52	<0.005	<0.5	0.42	<5	10	0.7	<2	0.46	<0.5	3	28	1	4.45	<10
398582		0.97	<0.005	<0.5	0.02	<5	10	<0.5	<2	2.47	0.6	4	2	<1	28.4	<10

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146442

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
397714		2.40	20	1.50	826	<1	0.95	43	500	11	0.02	<5	12	199	<20	0.26
397715		2.03	20	1.02	467	<1	2.48	42	700	9	<0.01	<5	11	213	<20	0.32
397716		2.06	30	1.40	600	<1	2.41	43	770	9	<0.01	<5	15	182	<20	0.44
397717		0.04	<10	2.27	581	<1	0.27	37	40	<2	<0.01	<5	16	34	<20	0.11
397718		0.02	<10	0.06	189	<1	0.10	2	10	<2	<0.01	<5	1	5	<20	0.01
397719		0.02	<10	1.90	949	<1	0.29	27	60	<2	<0.01	<5	8	33	<20	0.06
397720		0.64	10	2.26	1150	1	0.65	17	440	<2	0.24	<5	33	127	<20	0.66
397721		<0.01	<10	0.04	86	<1	0.04	2	10	<2	0.05	<5	1	1	<20	0.02
397722		0.40	10	1.91	8350	<1	<0.01	16	710	<2	0.18	6	3	13	<20	0.09
398551		0.01	<10	1.38	89	<1	0.01	1	30	41	<0.01	<5	<1	15	<20	<0.01
398552		3.41	10	1.39	464	7	1.04	29	610	29	0.25	<5	13	153	<20	0.30
398553		0.17	<10	0.28	303	<1	0.14	<1	230	9	0.04	<5	1	36	<20	0.01
398554		2.64	<10	0.51	144	8	2.01	<1	260	49	0.35	10	14	152	<20	0.19
398555		0.02	<10	0.01	159	6	0.01	3	50	<2	0.06	<5	<1	2	<20	<0.01
398556		0.27	<10	1.94	4220	5	0.17	3	370	2	0.62	<5	3	15	<20	0.05
398557		0.01	<10	0.03	70	<1	0.05	3	10	<2	0.01	<5	<1	3	<20	0.01
398558		1.55	<10	1.01	672	2	0.29	25	120	18	1.55	<5	7	16	<20	0.15
398559		0.05	<10	5.57	1710	<1	1.68	68	290	<2	0.12	<5	48	79	<20	0.62
398560		0.08	<10	2.23	869	<1	0.24	49	190	4	0.12	<5	20	74	<20	0.25
398561		0.15	<10	1.93	774	<1	0.20	17	80	<2	0.06	<5	16	65	<20	0.18
398562		1.88	20	1.45	1135	2	0.16	37	2330	25	1.21	<5	10	34	<20	0.23
398563		0.05	<10	0.31	943	<1	0.01	4	70	<2	0.01	<5	1	94	<20	0.01
398564		0.04	<10	0.43	353	<1	0.03	9	20	<2	<0.01	<5	3	6	<20	0.02
398565		0.01	<10	0.01	85	<1	0.01	2	10	<2	<0.01	<5	<1	2	<20	<0.01
398566		0.14	10	3.03	9260	<1	0.01	1	180	2	1.14	<5	1	21	<20	0.01
398567		<0.01	<10	0.01	92	<1	0.02	2	20	<2	0.01	<5	<1	3	<20	<0.01
398568		<0.01	<10	0.01	68	<1	0.05	1	10	<2	0.01	<5	<1	2	<20	<0.01
398569		0.09	<10	0.24	899	2	<0.01	3	1140	2	0.06	<5	<1	31	<20	0.01
398570		0.01	<10	0.30	1055	<1	0.01	1	70	<2	0.01	<5	<1	2	<20	<0.01
398572		0.78	20	0.41	3280	62	0.06	95	2300	26	0.49	<5	4	29	<20	0.08
398573		3.60	<10	1.47	742	8	0.02	71	310	109	5.51	<5	12	10	<20	0.31
398574		0.87	20	3.58	7630	2	0.04	60	520	2	0.01	<5	17	21	<20	0.52
398575		0.01	<10	0.22	2130	<1	0.01	3	10	<2	0.01	<5	<1	25	<20	<0.01
398576		0.02	<10	2.99	4110	2	0.01	102	640	22	1.32	<5	18	20	<20	0.55
398577		0.29	10	2.33	8410	1	0.01	9	3160	6	0.49	<5	2	44	<20	0.06
398578		0.60	10	2.14	6940	4	0.02	11	370	5	0.78	<5	3	27	<20	0.10
398579		0.02	10	3.16	9890	2	0.06	3	1030	5	0.75	<5	1	65	<20	<0.01
398580		0.09	20	3.34	8100	1	1.24	14	7980	6	<0.01	<5	5	327	<20	0.01
398581		0.02	<10	0.59	1665	<1	0.26	6	300	<2	<0.01	<5	3	45	<20	0.02
398582		<0.01	<10	4.94	7170	<1	<0.01	<1	50	2	0.05	<5	<1	12	<20	<0.01

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CERTIFICAT D'ANALYSE VO16146442

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
397714		<10	<10	79	<10	91
397715		<10	<10	79	<10	69
397716		<10	<10	117	<10	87
397717		<10	<10	85	<10	33
397718		<10	<10	3	<10	2
397719		<10	<10	58	<10	34
397720		<10	<10	287	<10	66
397721		<10	<10	7	<10	2
397722		<10	<10	30	<10	120
398551		<10	<10	1	<10	2
398552		<10	10	140	<10	258
398553		<10	<10	9	<10	45
398554		<10	<10	244	<10	17
398555		<10	<10	3	<10	3
398556		<10	<10	115	<10	146
398557		<10	<10	2	<10	<2
398558		<10	<10	81	<10	85
398559		<10	<10	350	<10	108
398560		<10	<10	147	<10	41
398561		<10	<10	102	<10	36
398562		<10	<10	94	<10	147
398563		<10	<10	12	<10	36
398564		<10	<10	18	<10	11
398565		<10	<10	1	<10	<2
398566		10	<10	33	<10	46
398567		<10	<10	1	<10	<2
398568		<10	<10	1	<10	<2
398569		<10	<10	5	<10	60
398570		10	<10	8	<10	<2
398572		10	20	548	<10	105
398573		<10	<10	341	<10	119
398574		<10	<10	299	<10	128
398575		<10	<10	3	<10	5
398576		<10	<10	266	<10	190
398577		<10	<10	106	<10	29
398578		<10	<10	102	<10	33
398579		<10	<10	22	<10	23
398580		<10	<10	85	<10	49
398581		<10	<10	22	<10	9
398582		<10	<10	4	<10	4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146442

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398583		1.21	<0.005	<0.5	0.01	<5	<10	<0.5	<2	1.21	<0.5	1	14	1	3.41	<10
398584		0.91	<0.005	<0.5	0.13	<5	40	0.5	<2	5.25	0.8	4	8	<1	16.60	<10
398585		1.08	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.04	<0.5	<1	25	1	1.75	<10
398586		1.17	<0.005	<0.5	0.09	<5	<10	<0.5	<2	2.09	<0.5	3	8	1	19.15	<10
398587		0.47	<0.005	<0.5	0.03	<5	<10	<0.5	<2	0.30	<0.5	4	23	6	6.32	<10
398588		1.02	<0.005	<0.5	0.01	<5	<10	<0.5	<2	<0.01	<0.5	<1	26	3	1.81	<10
398589		0.96	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.01	<0.5	<1	27	2	3.02	<10
398590		0.80	<0.005	<0.5	0.03	<5	10	<0.5	<2	0.07	<0.5	1	7	<1	8.39	<10
398591		1.53	<0.005	<0.5	0.80	<5	70	<0.5	<2	15.3	<0.5	1	7	4	1.40	<10
398592		0.76	<0.005	<0.5	0.05	<5	10	<0.5	<2	2.03	<0.5	1	5	<1	10.35	<10
398593		0.74	<0.005	<0.5	0.04	<5	10	<0.5	<2	0.60	<0.5	1	13	1	3.28	<10
398594		0.66	<0.005	<0.5	0.30	<5	20	0.7	2	0.15	0.7	13	17	51	38.8	<10
398595		0.98	<0.005	<0.5	3.64	<5	20	0.6	<2	1.21	<0.5	11	23	153	13.95	10
398596		0.58	<0.005	<0.5	0.24	28	60	<0.5	<2	0.09	<0.5	6	28	27	2.61	<10
398597		0.66	<0.005	<0.5	2.46	18	140	<0.5	<2	0.82	<0.5	10	35	32	8.65	10
398598		0.71	<0.005	<0.5	0.76	<5	10	<0.5	<2	26.1	<0.5	<1	6	3	1.33	<10
398599		0.68	<0.005	<0.5	0.37	<5	10	<0.5	<2	2.55	<0.5	1	18	1	0.91	<10
398600		0.52	0.005	0.5	6.19	9	170	1.4	<2	0.64	0.8	9	128	552	17.00	20

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 19- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146442

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398583		<0.01	<10	0.72	644	<1	<0.01	<1	40	<2	<0.01	<5	<1	8	<20	<0.01
398584		0.05	10	3.67	5650	<1	<0.01	1	450	2	<0.01	<5	<1	30	<20	0.01
398585		<0.01	<10	0.04	506	<1	<0.01	<1	40	<2	<0.01	<5	<1	1	<20	<0.01
398586		<0.01	10	1.95	4040	<1	<0.01	<1	250	<2	0.18	<5	<1	15	<20	<0.01
398587		<0.01	<10	0.37	1050	<1	<0.01	2	100	<2	0.65	<5	<1	2	<20	0.01
398588		<0.01	<10	0.01	138	<1	<0.01	2	20	<2	0.12	<5	<1	<1	<20	<0.01
398589		<0.01	<10	0.03	614	1	<0.01	2	30	<2	0.04	<5	<1	<1	<20	<0.01
398590		<0.01	<10	0.41	2090	<1	<0.01	1	80	<2	0.01	<5	<1	3	<20	<0.01
398591		1.06	10	9.22	462	<1	0.02	5	90	26	0.02	<5	2	90	<20	0.01
398592		0.01	<10	0.97	2430	<1	<0.01	<1	350	2	0.01	<5	<1	25	<20	<0.01
398593		0.01	<10	0.23	736	<1	<0.01	<1	60	<2	0.01	<5	<1	8	<20	<0.01
398594		0.10	10	2.58	6390	1	0.01	9	230	5	0.76	<5	1	3	<20	0.05
398595		0.07	10	2.15	4030	1	0.04	15	190	8	0.06	<5	3	9	<20	0.05
398596		0.08	<10	0.27	898	<1	<0.01	2	30	<2	0.15	<5	<1	1	<20	<0.01
398597		0.85	10	1.70	2150	1	0.03	9	80	<2	0.02	<5	3	5	<20	0.09
398598		0.01	10	0.10	3460	1	0.01	<1	30	6	0.01	<5	<1	158	<20	<0.01
398599		0.03	<10	0.30	276	<1	0.01	4	<10	2	0.01	<5	4	6	<20	0.01
398600		1.02	130	1.28	187	15	1.91	65	2600	45	8.43	<5	18	46	60	0.19

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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CERTIFICAT D'ANALYSE VO16146442

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398583		<10	<10	1	<10	<2
398584		<10	<10	9	<10	3
398585		<10	<10	1	<10	2
398586		<10	<10	13	<10	3
398587		<10	<10	4	<10	12
398588		<10	<10	1	<10	<2
398589		<10	<10	4	<10	3
398590		<10	<10	5	<10	5
398591		<10	<10	5	<10	92
398592		<10	<10	8	<10	2
398593		<10	<10	6	<10	<2
398594		<10	<10	100	<10	23
398595		<10	<10	53	<10	49
398596		<10	<10	2	<10	7
398597		<10	<10	26	<10	46
398598		<10	<10	7	<10	4
398599		<10	<10	15	<10	7
398600		<10	<10	160	<10	296

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 19- SEPT- 2016
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CERTIFICAT D'ANALYSE VO16146442

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16146405

Projet: KAN

Ce rapport s'applique aux 100 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 31- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER	SIMON HEBERT	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
LOG- QC	Test QC sur échantillons pulpe
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146405

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398701		1.02	0.867	11.5	0.03	34	<10	<0.5	<2	0.17	<0.5	20	8	75	13.10	<10
398702		0.70	0.008	<0.5	0.03	<5	10	<0.5	<2	0.05	<0.5	1	19	5	1.31	<10
398703		1.40	0.147	<0.5	0.05	10	<10	<0.5	<2	0.53	1.6	38	20	32	8.40	<10
398704		0.98	0.021	<0.5	0.25	<5	10	<0.5	<2	0.64	<0.5	1	27	30	4.00	<10
398705		0.82	0.005	<0.5	0.04	<5	<10	<0.5	<2	0.02	<0.5	1	26	6	2.03	<10
398706		0.47	0.010	<0.5	0.01	<5	<10	<0.5	<2	0.03	<0.5	<1	29	9	1.11	<10
398707		0.60	0.013	<0.5	5.70	<5	320	1.1	<2	0.06	<0.5	7	50	7	4.20	10
398708		0.73	0.005	<0.5	0.26	<5	10	<0.5	<2	1.02	<0.5	5	35	93	2.31	<10
398709		0.41	0.012	0.6	0.09	<5	10	<0.5	<2	0.02	<0.5	86	16	345	16.55	<10
398710		0.49	0.010	<0.5	9.05	<5	370	1.4	<2	0.04	<0.5	21	105	55	9.65	20
398711		0.93	<0.005	<0.5	0.85	<5	70	<0.5	<2	0.04	<0.5	<1	27	4	1.06	<10
398712		0.76	0.008	<0.5	0.02	<5	<10	<0.5	<2	0.62	<0.5	1	34	6	2.07	<10
398713		0.84	0.005	<0.5	0.14	<5	10	<0.5	<2	0.43	<0.5	<1	28	5	1.22	<10
398714		0.57	0.008	<0.5	0.02	<5	<10	<0.5	<2	0.39	<0.5	1	27	3	2.15	<10
398715		0.73	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.30	<0.5	<1	25	3	1.60	<10
398716		0.41	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.30	<0.5	<1	19	1	0.93	<10
398717		0.77	<0.005	<0.5	0.05	<5	<10	<0.5	<2	0.18	<0.5	1	24	2	1.15	<10
398718		1.32	<0.005	<0.5	0.04	<5	<10	<0.5	<2	10.10	<0.5	<1	6	4	5.67	<10
398719		1.12	0.014	0.6	0.04	35	10	<0.5	<2	0.06	<0.5	3	14	12	28.1	<10
398720		1.03	0.006	<0.5	0.17	<5	30	<0.5	<2	3.49	<0.5	<1	18	3	1.82	<10
398721		0.44	0.009	<0.5	0.33	<5	50	<0.5	<2	0.06	<0.5	<1	9	2	0.88	<10
398722		0.47	0.005	<0.5	0.13	15	20	<0.5	<2	0.01	<0.5	1	8	4	4.69	<10
398723		0.60	0.008	<0.5	0.05	<5	10	<0.5	<2	1.46	<0.5	1	18	3	0.66	<10
398724		0.68	0.005	<0.5	0.48	<5	4290	<0.5	2	17.1	<0.5	<1	11	2	1.11	<10
398725		0.80	<0.005	<0.5	0.59	6	5630	<0.5	<2	0.50	<0.5	2	9	11	3.38	<10
398726		0.68	0.010	<0.5	0.73	29	90	<0.5	<2	5.00	0.7	8	11	29	21.2	<10
398727		0.78	0.018	<0.5	0.32	<5	20	<0.5	<2	0.31	0.8	7	24	105	4.96	<10
398728		0.73	0.017	1.2	5.83	<5	430	2.0	<2	0.69	<0.5	<1	62	21	4.71	20
398729		0.64	0.017	<0.5	0.06	<5	10	<0.5	<2	0.12	<0.5	<1	37	6	1.07	<10
398730		0.61	0.022	<0.5	3.71	20	220	2.9	<2	0.85	4.2	6	56	112	9.03	10
398731		0.46	0.064	1.9	6.47	38	390	1.8	<2	0.22	4.9	26	60	323	13.30	20
398732		0.62	0.017	1.1	6.91	8	410	1.9	<2	0.26	<0.5	<1	68	15	2.39	20
398733		0.76	0.013	<0.5	7.95	<5	30	<0.5	3	7.13	<0.5	50	172	309	8.68	20
398734		0.96	0.005	<0.5	0.35	<5	30	0.9	<2	0.54	<0.5	3	19	31	13.30	<10
398735		0.47	0.014	<0.5	7.66	<5	180	2.4	<2	0.14	<0.5	<1	93	31	8.14	30
398736		0.58	0.006	<0.5	6.70	<5	10	<0.5	3	6.61	0.5	62	4	64	14.00	20
398737		0.47	0.014	<0.5	5.62	<5	110	0.5	7	3.83	0.6	67	2	38	20.3	20
398738		0.95	0.029	<0.5	6.01	<5	430	1.7	<2	0.21	<0.5	4	79	20	8.24	20
398739		0.56	0.014	<0.5	4.70	<5	20	<0.5	<2	1.33	<0.5	1	11	26	8.91	10
398740		0.73	<0.005	<0.5	5.30	<5	80	0.7	<2	0.76	<0.5	3	77	85	11.90	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146405

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398701		0.01	<10	0.16	2260	<1	0.01	39	50	19	7.98	<5	<1	4	<20	<0.01
398702		0.01	<10	0.01	98	<1	0.01	5	20	<2	0.26	<5	<1	1	<20	<0.01
398703		0.01	<10	0.07	1440	<1	0.01	10	70	4	2.74	<5	<1	4	<20	<0.01
398704		0.10	<10	0.19	1060	<1	0.02	16	170	<2	0.32	<5	<1	5	<20	0.01
398705		0.01	<10	0.02	721	<1	0.01	<1	70	<2	<0.01	<5	<1	2	<20	<0.01
398706		<0.01	<10	0.01	96	<1	0.01	2	30	<2	0.30	<5	<1	<1	<20	<0.01
398707		1.57	10	0.43	2580	<1	1.69	20	200	11	0.01	<5	6	91	<20	0.14
398708		0.04	<10	0.34	385	<1	0.15	18	<10	5	0.77	<5	<1	145	<20	<0.01
398709		0.04	<10	0.02	97	<1	0.02	103	<10	11	>10.0	<5	<1	5	<20	<0.01
398710		2.46	30	1.67	1270	<1	0.71	53	160	3	0.58	<5	13	64	<20	0.30
398711		0.38	<10	0.05	114	<1	0.28	2	170	6	<0.01	<5	1	13	<20	0.02
398712		<0.01	<10	0.20	360	<1	0.01	3	40	<2	0.32	<5	<1	30	<20	<0.01
398713		0.08	<10	0.16	250	1	0.01	6	30	54	0.02	<5	<1	47	<20	<0.01
398714		0.01	<10	0.14	412	<1	0.01	4	100	<2	0.08	<5	<1	15	<20	<0.01
398715		0.01	<10	0.09	307	<1	0.01	2	400	<2	0.01	<5	<1	15	<20	0.01
398716		<0.01	<10	0.04	190	<1	0.01	2	60	<2	0.05	<5	<1	15	<20	<0.01
398717		0.02	<10	0.05	256	<1	0.01	2	20	<2	0.04	<5	<1	9	<20	<0.01
398718		0.02	<10	6.12	212	5	<0.01	5	40	187	5.16	<5	<1	34	<20	<0.01
398719		0.01	<10	0.07	33	28	<0.01	32	<10	688	>10.0	<5	<1	1	<20	<0.01
398720		0.15	<10	1.98	127	2	0.01	6	60	31	1.19	<5	<1	14	<20	0.01
398721		0.22	<10	0.08	33	1	<0.01	<1	20	64	0.08	<5	<1	1	<20	0.01
398722		0.08	<10	0.03	72	6	<0.01	4	70	95	0.40	<5	<1	<1	<20	<0.01
398723		0.03	<10	0.71	313	<1	0.01	2	20	<2	0.01	<5	<1	9	<20	<0.01
398724		0.42	<10	10.90	423	<1	0.02	1	150	3	0.40	<5	1	163	<20	0.01
398725		0.51	<10	0.09	109	9	0.01	7	160	162	0.16	<5	<1	13	<20	0.01
398726		0.53	<10	2.75	265	12	0.01	54	170	637	>10.0	<5	1	18	<20	0.03
398727		0.01	<10	0.08	143	4	0.19	31	20	6	2.42	<5	1	7	<20	0.01
398728		2.18	10	0.72	313	8	1.46	6	710	160	0.73	<5	11	139	<20	0.27
398729		0.03	<10	0.06	52	1	0.01	2	30	13	0.33	<5	<1	2	<20	<0.01
398730		1.16	10	1.00	6450	15	0.04	37	1280	8	0.25	<5	7	15	<20	0.15
398731		2.72	20	1.07	273	9	1.05	74	400	67	3.51	11	12	57	<20	0.16
398732		3.31	<10	0.69	140	4	0.66	1	250	36	0.66	<5	14	60	<20	0.22
398733		0.17	<10	4.89	1110	<1	2.22	132	410	<2	1.24	<5	36	167	<20	0.69
398734		0.12	10	0.88	2060	<1	0.05	11	200	2	0.54	<5	2	12	<20	0.03
398735		1.68	90	1.33	282	15	4.79	1	930	26	1.07	<5	11	64	20	0.41
398736		0.10	<10	2.75	1950	<1	1.86	<1	430	7	0.21	<5	54	119	<20	1.93
398737		0.38	<10	1.95	3140	<1	1.04	<1	510	5	0.01	<5	30	53	<20	1.71
398738		1.65	10	1.38	1170	<1	0.63	5	240	4	0.12	<5	8	8	<20	0.21
398739		0.05	10	0.91	1225	<1	0.98	2	230	5	0.13	<5	8	48	<20	0.19
398740		0.36	30	1.37	1175	<1	1.57	3	3240	4	0.41	<5	7	33	<20	0.23

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146405

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398701		<10	<10	2	<10	29
398702		<10	<10	1	<10	4
398703		<10	<10	3	<10	350
398704		<10	<10	18	<10	17
398705		<10	<10	4	<10	16
398706		<10	<10	1	<10	3
398707		<10	<10	46	<10	61
398708		<10	<10	1	<10	10
398709		<10	<10	1	<10	2
398710		<10	<10	75	<10	195
398711		<10	<10	7	<10	12
398712		<10	10	1	<10	4
398713		<10	<10	2	<10	8
398714		<10	<10	1	<10	4
398715		<10	<10	1	<10	5
398716		<10	<10	1	<10	3
398717		<10	<10	3	<10	5
398718		<10	<10	1	<10	7
398719		10	<10	1	<10	5
398720		<10	<10	3	<10	2
398721		<10	<10	3	<10	2
398722		<10	<10	3	<10	5
398723		<10	<10	1	<10	2
398724		<10	<10	11	<10	8
398725		<10	<10	2	<10	3
398726		20	<10	7	<10	193
398727		<10	<10	14	<10	173
398728		<10	<10	173	<10	67
398729		<10	<10	2	<10	10
398730		10	<10	375	<10	561
398731		10	<10	208	<10	623
398732		10	<10	176	<10	24
398733		<10	<10	329	<10	61
398734		<10	<10	58	<10	57
398735		<10	10	177	<10	65
398736		10	<10	383	<10	162
398737		10	<10	7	<10	192
398738		<10	<10	70	<10	86
398739		<10	<10	2	<10	104
398740		<10	<10	71	<10	51

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QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146405

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398741		0.55	<0.005	<0.5	6.23	5	270	2.7	<2	0.06	<0.5	10	8	59	22.7	20
398742		0.59	0.005	<0.5	0.07	<5	<10	<0.5	<2	0.90	<0.5	1	15	<1	8.54	<10
398743		0.71	0.005	<0.5	6.45	<5	10	<0.5	6	9.88	0.6	51	719	27	6.36	10
398744		0.50	0.007	<0.5	0.10	<5	10	<0.5	<2	0.08	<0.5	<1	26	2	1.80	<10
398745		0.62	<0.005	<0.5	0.06	<5	10	<0.5	<2	0.67	<0.5	1	18	<1	7.30	<10
398746		0.80	0.007	<0.5	0.05	<5	10	<0.5	<2	0.10	<0.5	26	21	76	11.95	<10
398747		0.93	0.005	<0.5	6.60	<5	320	1.9	<2	3.16	0.8	16	154	88	11.10	20
398748		0.61	0.014	<0.5	0.75	<5	150	2.0	2	1.85	<0.5	12	15	62	27.3	<10
398749		0.61	0.005	<0.5	0.03	<5	10	<0.5	<2	0.13	<0.5	1	30	14	2.45	<10
398750		0.70	<0.005	<0.5	0.38	<5	10	0.8	<2	1.08	0.6	<1	14	22	14.20	<10
398851		0.86	0.005	<0.5	0.10	<5	10	<0.5	<2	0.11	<0.5	<1	23	2	0.49	<10
398852		1.00	<0.005	<0.5	0.48	<5	10	<0.5	<2	0.08	<0.5	<1	28	2	1.77	<10
398853		0.86	<0.005	<0.5	0.18	<5	<10	<0.5	<2	0.08	<0.5	1	25	3	1.00	<10
398854		1.01	<0.005	<0.5	0.18	<5	<10	<0.5	<2	0.37	<0.5	2	25	12	1.41	<10
398855		0.60	<0.005	<0.5	1.80	<5	10	<0.5	<2	1.04	<0.5	4	25	1	3.84	<10
398856		0.76	<0.005	<0.5	2.20	<5	10	<0.5	<2	3.16	<0.5	<1	21	1	1.31	10
398857		0.66	<0.005	<0.5	2.20	<5	20	<0.5	<2	0.10	<0.5	3	27	5	5.65	10
398858		0.45	<0.005	<0.5	0.86	<5	20	<0.5	<2	0.06	<0.5	2	21	13	3.15	<10
398859		0.70	<0.005	<0.5	2.93	911	30	<0.5	<2	0.28	<0.5	30	86	26	3.87	10
398860		0.84	<0.005	<0.5	7.56	13	110	0.5	<2	0.39	<0.5	28	166	104	7.08	20
398861		1.04	<0.005	<0.5	0.33	443	<10	<0.5	<2	0.08	<0.5	2	22	19	3.73	<10
398862		0.58	0.006	<0.5	0.79	6	10	<0.5	<2	0.06	<0.5	1	27	36	4.90	<10
398863		0.65	0.005	<0.5	8.16	34	420	1.7	<2	0.02	<0.5	3	144	54	8.60	10
398864		0.73	<0.005	<0.5	5.31	5	300	1.3	<2	1.18	<0.5	7	79	37	7.20	10
398865		0.89	<0.005	<0.5	0.28	<5	10	<0.5	<2	2.66	<0.5	3	30	15	8.13	<10
398866		0.75	0.007	0.6	0.52	<5	10	<0.5	3	0.16	<0.5	8	17	204	22.2	<10
398867		1.00	<0.005	<0.5	0.03	<5	<10	<0.5	<2	2.08	<0.5	<1	29	1	2.01	<10
398868		0.95	<0.005	<0.5	0.09	<5	10	<0.5	<2	0.74	<0.5	<1	27	2	1.33	<10
398869		0.74	<0.005	<0.5	2.33	<5	100	<0.5	<2	0.18	<0.5	7	48	1	4.52	10
398870		1.12	0.005	<0.5	3.11	<5	110	0.5	2	0.70	<0.5	3	54	31	6.46	10
398871		0.86	<0.005	<0.5	1.06	<5	20	<0.5	<2	0.09	<0.5	22	35	46	5.42	<10
398872		1.05	0.008	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	11	26	43	1.92	<10
398873		1.05	0.009	<0.5	0.44	<5	10	<0.5	<2	0.33	<0.5	24	25	44	5.13	<10
398874		0.60	0.010	<0.5	1.78	<5	30	<0.5	3	1.01	<0.5	8	18	127	20.3	<10
398875		0.39	<0.005	<0.5	6.78	11	120	3.0	<2	0.25	0.7	71	144	129	12.80	20
398876		0.80	<0.005	<0.5	0.18	<5	10	<0.5	<2	0.02	<0.5	1	25	20	2.96	<10
398877		0.83	<0.005	<0.5	0.07	<5	10	<0.5	<2	0.25	<0.5	4	13	69	19.25	<10
398878		0.38	<0.005	<0.5	0.06	<5	10	<0.5	<2	0.62	<0.5	1	28	4	3.87	<10
398879		0.83	<0.005	<0.5	0.22	20	40	0.9	<2	1.06	<0.5	4	13	<1	18.15	<10
398880		1.09	<0.005	<0.5	0.03	<5	<10	<0.5	<2	0.05	<0.5	7	43	10	3.34	<10

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146405

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398741		1.30	20	2.46	1600	<1	0.02	3	280	16	1.30	<5	7	7	<20	0.11
398742		0.01	<10	1.84	2290	<1	0.01	<1	70	<2	0.01	<5	<1	2	<20	<0.01
398743		0.03	<10	7.80	1215	<1	0.66	275	80	6	0.01	5	40	86	<20	0.21
398744		0.02	<10	0.06	1975	<1	0.02	4	20	<2	0.01	<5	<1	11	<20	<0.01
398745		0.04	<10	0.51	2830	<1	0.01	2	20	<2	0.01	<5	1	15	<20	<0.01
398746		0.02	<10	0.08	578	<1	0.01	34	20	<2	7.26	<5	<1	7	<20	<0.01
398747		4.07	30	1.72	2590	3	0.05	113	1320	39	4.62	<5	27	132	<20	0.35
398748		0.35	10	2.04	7130	<1	0.02	7	110	10	4.36	<5	2	55	<20	0.04
398749		0.01	<10	0.02	416	<1	0.01	3	10	4	0.32	<5	<1	2	<20	<0.01
398750		0.06	10	2.15	3340	<1	0.16	6	1180	3	0.40	<5	1	31	<20	0.01
398851		0.03	<10	0.04	81	<1	0.03	4	20	<2	0.01	<5	<1	5	<20	<0.01
398852		0.01	<10	0.22	421	<1	0.02	3	50	3	0.01	<5	<1	3	<20	<0.01
398853		0.01	<10	0.08	228	<1	0.01	2	50	<2	0.01	<5	<1	3	<20	0.01
398854		0.01	<10	0.08	327	<1	0.01	8	180	<2	0.21	<5	<1	5	<20	0.01
398855		0.04	10	1.17	1535	<1	0.14	9	80	<2	0.01	<5	5	16	<20	0.05
398856		0.03	<10	0.03	267	<1	0.03	3	30	7	0.01	<5	1	18	<20	0.01
398857		0.23	<10	1.38	1230	<1	0.01	4	350	3	0.05	<5	3	3	<20	0.06
398858		0.06	<10	0.46	316	1	0.08	3	210	<2	0.14	<5	1	5	<20	0.03
398859		0.30	<10	1.94	443	<1	0.26	17	280	<2	0.43	5	17	16	<20	0.10
398860		1.07	<10	3.96	435	<1	2.11	65	480	27	3.00	8	47	40	<20	0.35
398861		0.01	<10	0.15	719	<1	0.06	9	300	2	0.15	<5	<1	5	<20	<0.01
398862		0.07	<10	0.68	1835	2	0.02	18	440	4	0.06	<5	2	6	<20	0.02
398863		2.55	<10	1.29	298	<1	1.09	5	140	9	0.34	<5	22	32	<20	0.12
398864		1.07	<10	0.97	890	<1	2.24	22	160	7	0.49	<5	16	37	<20	0.28
398865		0.06	<10	1.47	3800	<1	0.02	5	520	<2	0.57	<5	1	32	<20	0.03
398866		0.01	10	2.41	7040	<1	0.01	175	460	2	6.41	<5	1	4	<20	0.04
398867		0.01	<10	0.64	683	<1	0.01	3	70	<2	0.03	<5	<1	14	<20	<0.01
398868		0.04	<10	0.11	260	<1	0.01	3	270	<2	0.07	<5	<1	6	<20	<0.01
398869		0.38	10	0.95	2220	<1	0.02	16	290	<2	0.02	<5	3	10	<20	0.07
398870		0.71	<10	1.61	1935	<1	0.07	13	490	4	0.72	<5	13	23	<20	0.15
398871		0.21	<10	0.76	465	<1	0.04	20	210	2	2.85	<5	6	7	<20	0.05
398872		0.01	<10	0.01	92	<1	0.01	3	10	<2	1.32	<5	<1	1	<20	<0.01
398873		0.14	<10	0.29	525	<1	0.01	9	140	<2	3.05	<5	2	8	<20	0.01
398874		0.12	10	2.00	6660	<1	0.01	14	320	3	5.43	<5	4	26	<20	0.04
398875		2.42	50	0.50	304	25	2.55	111	540	68	9.50	8	17	97	<20	0.26
398876		0.08	<10	0.04	167	1	0.04	16	20	3	1.49	<5	<1	4	<20	0.01
398877		0.04	<10	0.06	341	<1	0.01	66	10	3	>10.0	<5	<1	10	<20	<0.01
398878		0.02	<10	0.18	644	<1	0.01	3	20	<2	0.57	<5	<1	21	<20	<0.01
398879		0.04	10	1.18	7240	<1	<0.01	2	150	4	0.15	<5	<1	15	<20	<0.01
398880		0.01	<10	0.06	473	<1	0.01	10	40	2	1.30	<5	<1	4	<20	<0.01

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CERTIFICAT D'ANALYSE VO16146405

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398741		<10	<10	34	<10	114
398742		<10	<10	1	<10	4
398743		<10	<10	190	<10	56
398744		<10	<10	1	<10	4
398745		<10	<10	6	<10	20
398746		<10	<10	3	<10	53
398747		<10	<10	234	<10	104
398748		<10	<10	49	<10	66
398749		<10	<10	2	<10	4
398750		<10	<10	44	<10	27
398851		<10	<10	1	<10	3
398852		<10	<10	8	<10	12
398853		<10	<10	3	<10	5
398854		<10	<10	3	<10	5
398855		<10	<10	35	<10	35
398856		<10	<10	40	<10	2
398857		<10	<10	41	<10	62
398858		<10	<10	14	<10	22
398859		<10	<10	157	<10	81
398860		<10	<10	398	<10	116
398861		<10	<10	7	<10	26
398862		<10	<10	25	<10	41
398863		10	<10	239	<10	80
398864		10	<10	133	<10	37
398865		<10	<10	15	<10	28
398866		<10	<10	23	<10	80
398867		<10	<10	2	<10	6
398868		<10	<10	4	<10	3
398869		<10	<10	34	<10	53
398870		<10	<10	149	<10	116
398871		<10	<10	62	<10	38
398872		<10	<10	<1	<10	<2
398873		<10	<10	21	<10	12
398874		10	<10	74	<10	75
398875		10	<10	193	<10	337
398876		<10	<10	14	<10	13
398877		10	<10	6	<10	3
398878		<10	<10	4	<10	8
398879		<10	<10	23	<10	3
398880		<10	<10	3	<10	9

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146405

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398881		0.85	<0.005	<0.5	3.19	5	90	1.7	3	1.15	2.4	14	76	257	22.9	10
398882		0.53	<0.005	<0.5	4.33	<5	250	2.1	3	0.60	<0.5	7	63	16	17.40	10
398883		0.71	<0.005	<0.5	3.70	<5	240	2.1	<2	1.31	<0.5	12	50	7	17.65	10
398884		0.67	0.009	0.8	3.86	6	120	1.9	<2	0.79	<0.5	32	70	84	24.5	10
398885		0.57	<0.005	<0.5	5.97	<5	20	<0.5	<2	6.54	0.5	71	2	81	15.30	20
398886		0.77	<0.005	<0.5	7.45	<5	720	1.8	<2	0.36	<0.5	7	77	65	7.16	20
398887		0.68	<0.005	<0.5	5.29	<5	330	0.8	<2	0.31	<0.5	14	36	70	5.84	10
398888		0.71	<0.005	<0.5	5.90	<5	410	1.6	<2	0.19	<0.5	7	71	37	7.35	10
398889		0.56	0.005	<0.5	7.07	<5	260	1.3	2	1.17	<0.5	4	84	80	11.10	20
398890		0.65	0.007	<0.5	6.96	<5	40	1.8	2	3.85	<0.5	5	314	85	10.15	30
398891		0.42	<0.005	<0.5	5.80	7	210	1.5	2	0.56	2.8	12	53	480	18.60	20
398892		0.70	<0.005	<0.5	0.10	<5	10	<0.5	<2	2.26	<0.5	3	22	190	1.02	<10
398893		1.04	<0.005	<0.5	1.03	24	60	0.5	<2	0.73	<0.5	26	30	57	19.15	<10
398894		0.95	<0.005	<0.5	2.38	<5	20	3.2	7	1.36	<0.5	15	32	19	34.2	10
398895		0.51	0.008	<0.5	2.41	112	40	0.5	4	1.43	<0.5	31	35	78	28.5	10
398896		0.68	0.008	<0.5	0.46	13	70	0.6	<2	0.50	<0.5	2	34	4	9.66	<10
398897		0.71	0.005	<0.5	0.71	28	120	1.0	<2	0.55	<0.5	2	20	2	13.25	<10
398898		0.79	<0.005	<0.5	0.07	21	10	0.6	<2	0.56	2.8	<1	25	7	9.24	<10
398899		0.95	<0.005	<0.5	0.16	<5	10	0.6	3	2.12	0.6	2	39	2	18.40	<10
398900		0.91	<0.005	<0.5	0.69	<5	60	<0.5	<2	0.28	<0.5	2	23	33	3.98	<10

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146405

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398881		1.09	30	0.82	1125	16	1.01	155	550	24	>10.0	<5	9	56	<20	0.11
398882		2.83	20	1.91	5550	<1	0.05	24	370	7	1.51	<5	8	44	<20	0.18
398883		2.24	20	1.50	7700	<1	0.08	26	780	7	0.37	<5	7	88	<20	0.15
398884		2.09	10	0.76	865	34	0.05	207	160	41	>10.0	<5	8	78	<20	0.23
398885		0.20	<10	2.95	2050	1	1.65	10	420	6	0.37	<5	58	87	<20	1.84
398886		1.94	10	1.13	706	1	2.01	11	280	2	0.53	<5	13	11	<20	0.35
398887		0.88	10	0.88	583	1	1.83	15	360	<2	0.92	<5	8	10	<20	0.23
398888		1.73	10	1.08	1090	<1	0.96	10	260	10	0.30	<5	7	11	<20	0.21
398889		1.24	20	1.56	1580	1	1.74	11	4880	2	0.59	<5	9	30	<20	0.26
398890		0.07	130	4.37	769	12	2.98	11	4780	14	1.61	<5	20	78	110	3.92
398891		3.32	40	1.17	229	19	0.08	182	700	23	>10.0	<5	14	59	<20	0.28
398892		0.02	<10	0.02	231	<1	0.02	4	70	<2	0.09	<5	1	16	<20	0.01
398893		0.05	<10	0.65	2500	3	0.01	78	70	<2	7.77	<5	1	20	<20	0.06
398894		0.02	30	2.19	6620	2	0.01	33	110	<2	3.93	<5	3	20	<20	0.15
398895		0.04	10	1.62	6050	6	0.01	82	190	5	8.43	<5	3	32	<20	0.12
398896		0.24	<10	0.47	1260	<1	0.01	6	460	<2	0.17	<5	1	26	<20	0.01
398897		0.38	10	0.24	2910	<1	0.01	3	2980	8	0.05	<5	1	44	<20	0.02
398898		0.02	<10	0.47	884	<1	0.01	5	1270	2	0.15	<5	<1	26	<20	<0.01
398899		0.04	10	1.98	3820	<1	0.02	4	4100	3	0.04	<5	<1	104	<20	0.01
398900		0.17	<10	0.20	481	<1	0.13	6	610	3	0.06	<5	1	12	<20	0.01

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 26- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146405

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398881		<10	<10	195	<10	597
398882		<10	<10	185	<10	111
398883		<10	<10	117	<10	52
398884		10	<10	297	<10	41
398885		<10	<10	625	<10	163
398886		<10	<10	102	<10	82
398887		<10	<10	47	<10	70
398888		<10	<10	68	<10	58
398889		<10	<10	82	<10	80
398890		10	<10	310	<10	125
398891		10	<10	289	<10	815
398892		<10	<10	4	<10	6
398893		<10	<10	72	<10	20
398894		<10	<10	149	<10	57
398895		<10	<10	171	<10	40
398896		<10	<10	30	<10	48
398897		<10	<10	25	<10	41
398898		<10	<10	6	<10	362
398899		<10	<10	15	<10	28
398900		<10	<10	24	<10	16

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Finalisée date: 26- SEPT- 2016
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Projet: KAN

CERTIFICAT D'ANALYSE VO16146405

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- QC	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

CERTIFICAT VO16146449

Projet: KAN

Ce rapport s'applique aux 133 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 31- AOUT- 2016.

Les résultats sont transmis à:

PAUL ARCHER AUDREY ROUSSEL- LALIER	CHARLES GAUMOND SYLVAIN TREPANIER	SIMON HEBERT

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: SIMON HEBERT
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
396451		0.70	<0.005	<0.5	0.36	<5	40	1.9	<2	0.34	<0.5	5	9	<1	19.20	<10
396452		0.69	<0.005	<0.5	0.65	6	10	<0.5	<2	4.36	<0.5	2	122	1	1.15	<10
396453		0.85	<0.005	<0.5	0.09	<5	20	<0.5	<2	0.12	<0.5	<1	12	6	1.16	<10
396454		0.75	<0.005	<0.5	0.04	<5	<10	0.9	<2	0.12	<0.5	3	48	2	4.78	<10
396455		0.53	0.024	<0.5	1.04	<5	60	1.4	<2	0.18	<0.5	9	26	120	33.6	<10
396456		0.57	<0.005	<0.5	2.48	<5	440	2.3	<2	2.14	<0.5	8	18	27	19.30	<10
396457		0.59	0.034	<0.5	4.47	145	20	2.6	4	1.12	<0.5	17	47	374	17.00	10
396458		0.62	<0.005	<0.5	1.10	<5	130	0.6	<2	0.03	<0.5	11	10	47	15.95	<10
396459		0.53	<0.005	<0.5	4.24	14	10	0.9	2	0.19	<0.5	1	65	48	19.50	10
396460		0.63	<0.005	<0.5	3.28	13	10	<0.5	<2	0.89	<0.5	13	492	1	2.47	10
396461		0.50	<0.005	<0.5	5.40	11	390	1.1	<2	1.47	<0.5	9	98	11	2.88	10
396462		0.81	<0.005	<0.5	5.14	10	70	0.8	<2	0.12	<0.5	<1	131	87	14.35	20
396463		0.68	<0.005	<0.5	7.34	<5	30	0.5	3	6.22	<0.5	55	96	310	9.37	20
396464		0.70	0.090	2.8	3.66	16	300	1.8	<2	0.55	7.4	1	84	203	9.65	10
396465		0.60	0.006	<0.5	0.06	<5	<10	<0.5	<2	0.01	<0.5	7	28	58	2.52	<10
396466		0.95	<0.005	<0.5	6.25	<5	150	0.7	6	0.18	<0.5	11	59	144	10.45	20
396467		0.50	<0.005	<0.5	6.34	15	670	7.9	<2	2.58	<0.5	10	128	32	3.60	10
396468		0.47	<0.005	<0.5	8.68	37	1180	1.4	<2	1.26	<0.5	26	139	63	5.75	20
396469		0.60	<0.005	<0.5	7.22	19	450	2.0	3	2.85	<0.5	17	238	19	5.48	20
396470		0.53	<0.005	<0.5	8.69	34	730	2.4	<2	0.67	<0.5	14	109	59	5.62	30
396471		0.64	<0.005	<0.5	4.11	<5	1010	0.6	<2	2.91	<0.5	5	94	8	2.08	10
396472		0.51	<0.005	<0.5	5.80	7	320	1.5	<2	5.33	<0.5	9	110	22	3.16	10
396473		0.47	0.009	<0.5	5.59	15	310	1.4	<2	4.37	<0.5	9	109	43	3.20	10
396474		0.72	<0.005	<0.5	4.04	5	510	1.0	<2	1.64	<0.5	7	72	21	2.65	10
396475		0.71	<0.005	<0.5	6.27	36	250	1.1	<2	2.16	<0.5	8	123	16	3.17	10
396476		0.90	<0.005	<0.5	5.53	<5	1110	8.8	<2	1.68	<0.5	2	29	2	1.86	10
396477		0.63	<0.005	<0.5	7.12	8	840	2.0	<2	1.45	<0.5	10	75	39	4.23	20
396478		0.89	0.033	1.1	0.20	<5	10	<0.5	<2	0.36	1.2	3	29	1730	1.20	<10
396479		0.69	0.095	3.6	0.88	104	10	<0.5	<2	0.36	1.2	36	97	2820	2.49	<10
396480		0.88	0.033	1.1	8.11	<5	230	<0.5	7	0.81	1.5	46	907	1790	13.35	20
396481		0.61	0.015	0.7	5.93	<5	10	<0.5	4	0.48	<0.5	40	44	1195	13.65	10
396482		0.51	<0.005	<0.5	4.61	<5	30	<0.5	<2	2.64	<0.5	24	19	10	3.90	10
396483		0.81	<0.005	<0.5	6.35	<5	20	0.5	2	4.79	<0.5	13	7	237	13.15	20
396484		0.69	<0.005	<0.5	4.81	<5	20	<0.5	7	1.93	<0.5	6	159	175	6.81	10
396485		0.70	0.005	<0.5	0.62	<5	10	<0.5	6	6.72	0.5	2	19	49	13.75	<10
396486		0.80	0.300	<0.5	0.91	<5	90	<0.5	<2	0.07	<0.5	9	26	141	15.55	<10
396487		0.87	<0.005	<0.5	1.55	<5	160	0.8	4	0.26	0.5	8	24	80	20.5	10
396488		0.76	0.005	<0.5	0.01	<5	<10	<0.5	<2	0.03	<0.5	<1	19	11	1.98	<10
396489		0.67	<0.005	<0.5	0.01	<5	<10	<0.5	<2	<0.01	<0.5	4	37	42	1.87	<10
396490		0.68	<0.005	<0.5	0.16	<5	10	<0.5	<2	0.89	<0.5	2	48	9	4.75	<10

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
396451		0.18	<10	2.70	8350	<1	0.02	3	600	2	0.02	<5	1	6	<20	0.03
396452		0.01	<10	0.72	511	<1	0.04	12	30	<2	<0.01	<5	9	6	<20	0.02
396453		0.05	<10	0.02	78	1	<0.01	3	40	<2	0.02	<5	<1	2	<20	<0.01
396454		<0.01	<10	0.52	964	<1	<0.01	4	30	<2	0.19	<5	<1	3	<20	<0.01
396455		0.26	10	2.33	5170	<1	0.02	6	560	9	0.83	<5	2	12	<20	0.07
396456		1.09	20	3.48	11900	<1	0.17	13	440	82	0.14	12	4	36	<20	0.09
396457		0.03	40	2.95	5420	3	0.03	50	710	15	3.11	<5	8	20	<20	0.17
396458		0.60	<10	2.73	5890	<1	0.02	5	110	3	0.27	<5	2	3	<20	0.03
396459		0.09	20	2.13	1415	4	<0.01	1	1990	6	0.37	6	7	13	<20	0.21
396460		0.02	<10	2.62	535	<1	1.01	54	40	<2	0.01	<5	13	7	<20	0.09
396461		1.27	20	0.76	355	<1	2.12	32	570	9	<0.01	<5	9	318	<20	0.27
396462		0.11	<10	2.08	270	6	2.44	2	1140	4	0.39	<5	9	18	<20	0.09
396463		0.04	<10	4.09	1200	<1	2.67	96	490	<2	2.85	9	41	110	<20	0.83
396464		2.00	30	0.52	888	99	0.05	16	1590	30	1.58	8	8	36	<20	0.18
396465		0.02	<10	0.02	150	<1	<0.01	22	10	<2	1.31	<5	<1	1	<20	<0.01
396466		1.99	10	1.80	500	4	0.19	166	750	15	7.78	<5	14	42	<20	0.17
396467		1.79	20	1.01	1285	<1	1.80	39	660	8	0.05	5	11	320	<20	0.34
396468		3.71	30	2.48	476	4	1.79	79	1010	9	0.01	5	17	169	<20	0.52
396469		1.61	40	2.07	675	<1	1.80	51	1100	22	0.01	5	17	506	<20	0.59
396470		2.98	10	2.24	513	1	2.55	57	960	27	0.03	<5	19	97	<20	0.46
396471		2.52	20	0.64	313	<1	1.00	25	450	3	<0.01	<5	7	180	<20	0.23
396472		1.09	20	1.13	608	<1	1.47	43	630	20	<0.01	<5	11	202	<20	0.33
396473		0.99	20	1.01	455	<1	1.32	38	610	16	0.01	<5	11	96	<20	0.32
396474		1.45	20	0.79	369	<1	1.07	26	440	5	<0.01	<5	7	110	<20	0.21
396475		0.52	20	0.67	512	<1	3.14	39	620	22	<0.01	5	10	688	<20	0.30
396476		3.08	30	0.46	672	<1	0.64	11	210	17	<0.01	<5	6	192	<20	0.14
396477		3.37	30	1.38	529	<1	1.52	39	590	21	<0.01	<5	13	142	<20	0.33
396478		0.02	<10	0.15	112	<1	0.01	4	10	<2	0.16	<5	3	1	<20	0.01
396479		0.04	<10	0.83	237	<1	0.02	31	10	<2	0.26	<5	6	2	<20	0.03
396480		1.21	<10	9.30	1585	<1	0.39	170	70	<2	0.21	5	31	21	<20	0.40
396481		0.04	<10	5.52	1675	<1	0.01	55	170	6	0.24	<5	19	5	<20	0.35
396482		0.04	<10	2.47	699	<1	1.00	47	130	<2	<0.01	<5	26	49	<20	0.24
396483		0.16	<10	3.35	2000	<1	0.24	16	140	5	0.02	<5	54	51	<20	1.28
396484		0.04	<10	3.71	1075	<1	0.08	18	100	<2	0.11	<5	34	27	<20	0.17
396485		0.05	10	3.65	7480	<1	0.01	13	150	5	2.08	<5	1	221	<20	0.01
396486		0.23	<10	0.36	1230	<1	0.40	15	140	31	1.21	<5	2	20	<20	0.03
396487		0.49	10	1.72	4420	<1	0.75	10	290	27	0.88	<5	3	70	<20	0.07
396488		<0.01	<10	0.02	339	<1	0.01	2	100	<2	<0.01	<5	<1	2	<20	<0.01
396489		<0.01	<10	0.01	100	<1	<0.01	18	10	<2	0.62	<5	<1	<1	<20	<0.01
396490		0.02	<10	0.41	2560	<1	0.06	2	610	7	0.03	<5	<1	22	<20	<0.01

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
396451		10	<10	26	<10	35
396452		<10	<10	22	<10	11
396453		<10	<10	6	<10	<2
396454		<10	<10	4	<10	6
396455		<10	<10	77	<10	15
396456		10	<10	25	<10	71
396457		<10	<10	119	<10	57
396458		<10	<10	20	<10	67
396459		<10	<10	140	<10	137
396460		<10	<10	82	<10	23
396461		<10	<10	69	<10	53
396462		<10	<10	108	<10	66
396463		<10	<10	392	<10	56
396464		10	40	1415	<10	1075
396465		<10	<10	4	<10	27
396466		<10	<10	95	<10	239
396467		<10	<10	89	<10	70
396468		<10	<10	135	<10	104
396469		<10	<10	154	<10	90
396470		<10	<10	151	<10	94
396471		<10	<10	43	<10	26
396472		<10	<10	95	<10	78
396473		<10	<10	78	<10	59
396474		<10	<10	50	<10	50
396475		<10	<10	87	<10	44
396476		<10	<10	32	<10	44
396477		<10	<10	92	<10	106
396478		<10	<10	7	<10	20
396479		<10	<10	26	<10	39
396480		<10	<10	304	<10	196
396481		<10	<10	190	<10	157
396482		<10	<10	114	<10	49
396483		<10	<10	1065	<10	84
396484		<10	<10	169	<10	67
396485		<10	<10	28	<10	59
396486		<10	<10	15	<10	95
396487		<10	<10	21	<10	184
396488		<10	<10	<1	<10	4
396489		<10	<10	<1	<10	4
396490		<10	<10	2	<10	30

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
396491		0.68	0.032	<0.5	2.00	<5	430	1.3	7	1.29	0.5	12	20	88	22.3	10
396492		0.65	<0.005	<0.5	0.92	<5	60	<0.5	<2	2.21	<0.5	4	27	14	7.61	<10
396493		0.60	<0.005	<0.5	0.23	26	20	<0.5	<2	0.10	<0.5	5	31	114	4.38	<10
397651		0.70	<0.005	<0.5	0.03	<5	<10	<0.5	<2	0.07	<0.5	1	20	1	1.48	<10
397652		0.54	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.20	<0.5	<1	23	<1	2.08	<10
397653		0.51	0.032	<0.5	4.88	29	<10	2.3	12	0.16	<0.5	12	55	184	17.90	20
397654		0.37	<0.005	<0.5	0.24	<5	60	<0.5	<2	0.19	<0.5	4	16	8	4.03	<10
397655		0.32	<0.005	<0.5	6.18	26	10	<0.5	<2	10.35	<0.5	33	991	29	5.58	10
397656		0.46	0.006	0.7	2.73	15	60	0.5	3	0.14	0.8	32	53	590	28.2	10
397657		0.66	0.005	<0.5	6.89	<5	10	<0.5	2	4.82	<0.5	41	98	201	9.08	20
397658		0.59	0.041	0.8	2.16	21	160	4.0	<2	1.48	3.4	20	28	112	26.8	10
397659		0.38	0.030	2.0	2.65	<5	160	1.6	<2	1.44	1.3	<1	46	207	16.60	10
397660		0.58	<0.005	<0.5	0.90	<5	40	0.7	<2	1.49	0.5	2	55	22	6.77	<10
397661		0.56	<0.005	<0.5	7.38	16	720	1.9	<2	1.02	<0.5	15	115	49	4.49	20
397662		0.41	0.049	<0.5	4.45	<5	1570	0.7	<2	2.04	<0.5	4	47	8	2.06	10
397663		0.35	<0.005	<0.5	8.63	16	760	2.6	5	0.87	<0.5	20	117	61	5.58	30
397664		0.39	<0.005	<0.5	7.25	8	930	1.6	<2	1.90	<0.5	13	105	34	3.80	20
397665		0.34	<0.005	<0.5	6.58	25	320	1.9	<2	3.04	<0.5	10	143	22	4.06	10
397666		0.38	0.030	<0.5	6.89	8	750	1.3	<2	2.94	<0.5	12	164	29	4.70	20
397667		0.43	<0.005	<0.5	6.65	9	620	1.4	<2	1.20	<0.5	14	127	23	3.84	20
397668		0.38	<0.005	<0.5	8.03	19	1340	1.7	5	1.27	<0.5	19	121	17	4.86	20
397669		0.33	<0.005	<0.5	7.79	32	820	2.1	<2	0.88	<0.5	22	96	59	5.23	20
397670		0.49	<0.005	<0.5	7.85	20	810	2.0	<2	0.83	<0.5	18	104	53	4.86	20
397671		0.46	<0.005	<0.5	0.47	<5	30	<0.5	<2	0.70	<0.5	3	28	6	4.49	<10
397672		0.64	<0.005	<0.5	0.97	<5	80	4.4	<2	2.16	<0.5	<1	19	2	1.21	<10
397673		0.51	<0.005	<0.5	0.56	<5	50	0.9	<2	0.61	<0.5	10	19	1	17.50	<10
397674		0.53	<0.005	<0.5	2.00	<5	1090	9.0	3	0.93	<0.5	1	29	7	1.37	<10
397675		0.47	<0.005	<0.5	0.03	<5	10	<0.5	<2	0.66	<0.5	<1	25	2	1.46	<10
397676		0.64	<0.005	<0.5	0.06	<5	20	<0.5	<2	2.60	<0.5	1	22	3	3.67	<10
397677		0.76	<0.005	<0.5	0.18	<5	30	<0.5	<2	1.79	<0.5	1	25	4	4.14	<10
397678		0.64	<0.005	<0.5	0.10	<5	20	<0.5	<2	0.50	<0.5	5	25	55	3.76	<10
397679		0.60	<0.005	<0.5	0.82	<5	50	<0.5	<2	0.47	0.5	4	27	38	10.00	<10
397680		0.65	0.050	1.4	0.05	<5	10	<0.5	<2	0.01	<0.5	65	7	910	28.9	<10
397681		0.71	<0.005	<0.5	0.05	<5	<10	<0.5	2	0.05	<0.5	1	21	9	1.75	<10
397682		0.43	<0.005	<0.5	1.76	<5	10	<0.5	<2	0.96	<0.5	9	91	24	2.62	<10
397683		0.48	0.005	0.9	0.26	<5	10	<0.5	5	0.83	<0.5	1	25	7	0.93	<10
398051		0.55	<0.005	<0.5	7.61	<5	90	0.9	<2	0.45	<0.5	13	95	49	7.40	20
398052		1.23	0.079	<0.5	1.18	<5	100	0.6	<2	1.82	<0.5	13	31	25	22.1	<10
398053		0.83	0.070	<0.5	0.18	<5	<10	<0.5	3	0.09	<0.5	2	29	9	3.96	<10
398054		0.88	<0.005	<0.5	0.05	<5	<10	<0.5	<2	<0.01	<0.5	1	30	7	1.91	<10

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

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QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
396491		0.81	20	2.30	4370	<1	0.76	10	540	9	0.43	<5	3	64	<20	0.08
396492		0.07	10	1.01	3600	<1	0.01	4	60	3	0.05	8	2	41	<20	0.02
396493		0.04	<10	0.27	870	<1	0.01	6	50	<2	0.79	<5	1	<1	<20	0.01
397651		0.01	<10	0.04	243	<1	<0.01	<1	10	3	<0.01	<5	<1	1	<20	<0.01
397652		<0.01	<10	0.11	490	<1	<0.01	<1	50	<2	<0.01	<5	<1	2	<20	<0.01
397653		<0.01	10	3.13	3060	6	<0.01	26	700	48	1.34	6	9	2	<20	0.18
397654		0.09	<10	0.67	3310	<1	0.01	3	30	2	0.01	<5	<1	3	<20	0.01
397655		0.04	<10	7.44	1255	<1	0.63	142	90	<2	<0.01	<5	53	71	<20	0.22
397656		0.50	10	1.03	185	17	0.37	291	450	26	>10.0	7	6	13	<20	0.07
397657		0.04	<10	3.63	1075	<1	3.24	74	550	<2	3.31	<5	41	96	<20	0.89
397658		0.71	30	1.62	21900	18	0.03	43	1650	39	0.12	<5	3	48	<20	0.09
397659		0.73	10	1.21	5770	23	0.10	30	2040	26	2.61	<5	5	43	<20	0.05
397660		0.29	10	0.77	8570	2	0.05	10	1240	21	0.12	<5	1	26	<20	0.02
397661		2.58	20	1.70	586	<1	2.35	54	840	21	<0.01	<5	14	183	<20	0.40
397662		2.84	10	0.50	326	<1	0.89	16	280	12	<0.01	<5	5	127	<20	0.13
397663		3.66	20	2.28	648	<1	1.91	75	1020	8	<0.01	<5	17	81	<20	0.48
397664		2.51	20	1.28	428	<1	2.56	49	740	17	<0.01	<5	12	290	<20	0.36
397665		1.01	30	1.14	452	3	2.02	38	760	14	0.01	<5	13	155	<20	0.39
397666		1.78	30	1.42	676	<1	2.34	46	860	17	<0.01	<5	15	533	<20	0.44
397667		1.99	20	1.28	455	4	2.69	47	690	6	<0.01	7	12	285	<20	0.35
397668		4.36	20	1.88	599	1	1.84	64	950	17	<0.01	12	16	223	<20	0.47
397669		3.11	20	1.86	561	<1	2.00	62	920	7	<0.01	<5	16	130	<20	0.41
397670		2.86	20	1.84	562	<1	2.12	56	790	22	0.01	5	16	93	<20	0.40
397671		0.08	<10	0.32	667	<1	0.03	3	20	3	0.07	<5	1	30	<20	0.01
397672		0.12	<10	0.05	517	1	0.48	2	20	<2	0.12	<5	<1	32	<20	<0.01
397673		0.18	<10	1.88	7890	<1	0.02	9	230	<2	<0.01	<5	2	17	<20	0.05
397674		1.13	10	0.13	702	<1	0.13	5	80	13	<0.01	<5	2	57	<20	0.04
397675		0.01	<10	0.06	384	<1	0.01	2	380	4	<0.01	<5	<1	31	<20	<0.01
397676		0.02	<10	0.35	1485	<1	<0.01	1	870	19	<0.01	5	1	104	<20	<0.01
397677		0.07	<10	0.46	1205	<1	0.01	2	210	7	0.05	<5	1	73	<20	0.01
397678		0.06	<10	0.10	392	<1	0.01	8	10	<2	1.42	<5	<1	16	<20	0.01
397679		0.10	<10	0.50	1430	<1	0.13	4	540	2	0.09	<5	1	24	<20	0.01
397680		0.01	<10	0.02	736	<1	<0.01	182	60	3	>10.0	<5	<1	<1	<20	<0.01
397681		0.01	<10	0.02	256	<1	0.02	3	70	<2	0.15	<5	<1	1	<20	<0.01
397682		0.02	<10	1.32	389	<1	0.27	23	30	11	0.03	<5	8	8	<20	0.09
397683		0.01	<10	0.04	256	1	0.19	2	30	391	0.08	<5	<1	50	<20	<0.01
398051		0.30	10	1.60	1015	<1	4.05	20	250	4	0.07	<5	10	34	<20	0.30
398052		0.73	10	3.49	14200	<1	0.01	14	640	<2	1.11	7	3	47	<20	0.13
398053		0.02	<10	0.11	906	<1	0.01	2	60	<2	0.34	<5	1	2	<20	<0.01
398054		0.01	<10	0.03	162	<1	0.01	1	<10	<2	0.36	<5	<1	<1	<20	<0.01

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
396491		<10	<10	26	<10	131
396492		<10	<10	16	<10	28
396493		<10	<10	3	<10	6
397651		<10	<10	2	<10	22
397652		<10	<10	1	<10	<2
397653		<10	<10	130	<10	114
397654		<10	<10	5	<10	24
397655		<10	<10	212	<10	45
397656		<10	<10	70	<10	261
397657		<10	<10	409	<10	91
397658		<10	<10	381	<10	599
397659		<10	<10	490	<10	273
397660		<10	<10	71	<10	219
397661		<10	<10	103	<10	105
397662		<10	<10	50	<10	40
397663		<10	<10	141	<10	119
397664		<10	<10	88	<10	79
397665		<10	<10	98	<10	74
397666		<10	<10	127	<10	65
397667		<10	<10	93	<10	59
397668		<10	<10	117	<10	99
397669		<10	<10	111	<10	69
397670		<10	<10	107	<10	114
397671		<10	<10	8	<10	35
397672		<10	<10	2	<10	21
397673		<10	<10	23	<10	33
397674		<10	<10	9	<10	33
397675		<10	<10	1	<10	2
397676		<10	<10	1	<10	6
397677		<10	<10	3	<10	11
397678		<10	<10	3	<10	8
397679		<10	<10	10	<10	55
397680		<10	<10	1	<10	9
397681		<10	<10	1	<10	15
397682		<10	<10	50	<10	69
397683		<10	<10	1	<10	3
398051		<10	<10	104	<10	35
398052		<10	<10	61	<10	96
398053		<10	<10	8	<10	12
398054		<10	<10	2	<10	7

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398055		0.81	0.007	<0.5	1.49	<5	<10	<0.5	<2	0.09	<0.5	2	24	7	5.46	10
398056		0.46	0.006	<0.5	9.32	<5	620	2.6	<2	0.06	<0.5	11	110	34	6.25	20
398057		0.60	0.006	<0.5	8.98	193	620	2.8	<2	0.21	<0.5	16	93	38	4.68	30
398801		0.89	0.005	<0.5	0.05	<5	20	<0.5	<2	2.30	<0.5	<1	19	2	0.93	<10
398802		0.41	0.011	<0.5	0.03	18	20	<0.5	<2	0.83	<0.5	2	14	6	6.99	<10
398803		0.79	0.020	<0.5	0.03	43	10	<0.5	2	0.01	<0.5	2	16	33	6.55	<10
398804		0.52	0.030	<0.5	5.66	19	240	1.8	<2	0.03	1.3	28	110	86	13.60	20
398805		0.57	0.012	<0.5	0.08	<5	<10	<0.5	<2	1.62	12.8	6	12	180	7.30	<10
398806		0.77	<0.005	<0.5	0.23	27	90	<0.5	<2	1.49	0.5	1	19	3	3.65	<10
398807		0.66	<0.005	<0.5	0.49	<5	1780	<0.5	3	0.99	<0.5	1	57	4	0.70	<10
398808		0.55	0.039	<0.5	4.65	33	170	1.4	<2	0.03	0.6	33	71	195	18.50	10
398809		0.99	<0.005	<0.5	0.05	<5	<10	<0.5	<2	0.30	1.0	1	29	20	2.56	<10
398810		0.45	<0.005	<0.5	0.01	<5	<10	<0.5	<2	<0.01	<0.5	1	49	9	1.96	<10
398811		0.44	0.018	<0.5	7.03	<5	350	3.4	<2	0.47	2.1	59	97	119	12.35	20
398812		0.53	0.005	<0.5	0.17	<5	20	<0.5	<2	0.67	<0.5	5	17	14	9.75	<10
398813		0.50	0.023	1.1	2.34	33	90	1.5	4	0.14	2.6	15	40	218	28.9	10
398814		0.51	0.005	<0.5	0.17	<5	10	1.4	<2	1.09	<0.5	2	23	8	9.36	<10
398815		0.90	<0.005	<0.5	0.23	<5	10	<0.5	<2	3.00	<0.5	1	44	17	5.15	<10
398816		0.59	<0.005	<0.5	7.17	<5	60	<0.5	<2	6.90	<0.5	62	155	187	8.93	20
398817		0.58	<0.005	<0.5	0.35	<5	<10	<0.5	<2	0.54	<0.5	5	29	64	2.69	<10
398818		0.52	0.007	<0.5	0.74	<5	70	<0.5	<2	0.10	<0.5	22	20	333	9.37	<10
398819		0.53	0.022	0.5	2.47	<5	210	1.1	<2	0.11	<0.5	7	42	321	14.90	10
398820		0.46	0.513	<0.5	0.09	<5	10	<0.5	<2	0.16	<0.5	26	18	1205	4.47	<10
398821		0.60	0.014	<0.5	0.54	<5	90	<0.5	<2	0.01	<0.5	12	38	194	5.67	<10
398822		0.63	<0.005	<0.5	0.46	<5	20	<0.5	<2	0.04	<0.5	88	45	274	9.07	<10
398823		0.61	0.009	<0.5	0.43	<5	30	<0.5	<2	0.24	<0.5	7	31	55	9.09	<10
398824		0.42	0.010	<0.5	0.60	<5	70	3.7	4	2.47	1.0	7	15	214	36.5	<10
398825		0.86	0.061	1.7	2.89	<5	140	1.0	7	0.37	8.3	39	53	664	33.6	10
398826		0.58	0.009	0.7	1.88	<5	130	4.7	9	0.31	1.6	169	40	550	31.0	10
398827		0.64	0.008	<0.5	5.42	<5	300	1.6	4	0.86	3.0	17	70	80	12.50	20
398828		0.74	0.006	2.6	1.63	<5	30	<0.5	6	0.95	2.2	91	25	1025	26.9	10
398829		0.71	0.079	<0.5	1.34	<5	20	<0.5	<2	5.68	<0.5	11	22	66	3.73	<10
398830		0.50	<0.005	<0.5	3.20	<5	10	1.0	4	1.47	<0.5	1	23	<1	18.05	20
398831		0.61	<0.005	<0.5	0.05	<5	10	<0.5	<2	0.06	<0.5	4	25	9	2.82	<10
398832		0.41	0.006	<0.5	0.18	<5	90	1.9	<2	0.52	<0.5	1	19	1	1.75	<10
398833		0.71	0.005	<0.5	0.09	10	10	0.6	<2	0.26	<0.5	1	30	1	11.05	<10
398834		0.49	<0.005	<0.5	0.05	46	10	0.9	<2	1.11	<0.5	<1	38	2	11.80	<10
398835		0.37	0.024	0.6	0.62	66	70	<0.5	<2	0.02	<0.5	<1	43	17	1.51	<10
398836		0.65	<0.005	<0.5	0.68	<5	10	1.6	<2	0.82	<0.5	5	14	7	29.5	10
398837		0.47	0.016	<0.5	6.25	<5	280	3.5	3	0.17	<0.5	18	145	94	16.55	20

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

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Finalisée date: 27- SEPT- 2016
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Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398055		0.01	<10	0.93	674	<1	<0.01	2	90	<2	0.14	<5	5	2	<20	0.01
398056		4.35	30	1.27	447	3	0.79	41	220	2	1.00	<5	12	26	<20	0.30
398057		3.89	30	1.03	314	2	1.55	43	200	6	1.58	5	12	55	<20	0.15
398801		0.03	<10	1.20	176	<1	0.01	1	20	<2	0.02	<5	<1	10	<20	<0.01
398802		0.02	<10	0.35	149	1	<0.01	5	20	16	4.64	<5	<1	3	<20	<0.01
398803		0.02	<10	0.01	108	1	<0.01	5	20	30	0.11	<5	<1	<1	<20	<0.01
398804		3.13	30	0.56	156	24	0.05	40	220	17	4.33	5	12	6	<20	0.15
398805		0.03	<10	1.10	1385	<1	<0.01	23	130	6	2.65	5	<1	36	<20	<0.01
398806		0.15	<10	0.79	188	5	0.01	9	140	7	2.21	<5	<1	12	<20	0.01
398807		0.52	<10	0.51	107	1	0.01	4	50	23	0.12	<5	<1	12	<20	0.02
398808		2.46	30	0.47	346	13	0.04	36	610	25	3.51	<5	9	7	<20	0.10
398809		0.02	<10	0.04	163	<1	0.01	5	30	23	0.90	<5	<1	3	<20	<0.01
398810		<0.01	<10	<0.01	136	1	<0.01	15	10	<2	0.59	<5	<1	<1	<20	<0.01
398811		2.54	100	0.67	651	17	2.33	87	1070	38	6.10	<5	14	50	20	0.26
398812		0.02	<10	0.18	1865	<1	0.04	14	90	5	1.68	<5	<1	16	<20	<0.01
398813		0.85	30	0.60	151	14	0.62	355	200	36	>10.0	5	5	13	<20	0.10
398814		0.07	10	0.79	2540	<1	0.01	6	130	<2	0.77	<5	1	22	<20	0.01
398815		0.19	10	0.77	2720	40	0.01	13	320	5	1.04	<5	2	77	<20	0.06
398816		0.23	<10	5.50	1195	<1	1.87	244	360	3	1.23	<5	22	191	<20	0.61
398817		<0.01	<10	0.24	787	<1	0.01	9	140	<2	0.26	<5	1	10	<20	0.02
398818		0.29	<10	0.29	1740	<1	0.02	23	40	<2	1.58	<5	1	7	<20	<0.01
398819		0.68	20	0.57	564	1	0.02	9	920	3	0.47	<5	5	7	<20	0.10
398820		0.02	<10	0.05	238	<1	0.01	23	<10	<2	2.53	<5	<1	2	<20	<0.01
398821		0.25	<10	0.02	264	<1	0.02	10	180	2	0.05	<5	1	4	<20	0.02
398822		0.14	50	0.20	55	<1	0.01	109	100	6	5.42	<5	1	3	<20	0.01
398823		0.09	<10	0.35	1210	<1	0.02	15	360	2	0.82	<5	1	7	<20	0.02
398824		0.32	10	3.07	5010	<1	0.01	14	900	18	9.88	13	1	48	<20	0.02
398825		1.47	10	1.12	678	42	0.02	244	320	118	>10.0	6	7	16	<20	0.11
398826		0.33	40	1.52	268	6	0.14	213	1490	26	>10.0	<5	7	30	<20	0.14
398827		2.59	10	2.37	881	5	0.03	73	230	54	5.85	<5	13	33	<20	0.14
398828		0.03	<10	0.81	284	9	0.70	213	60	62	>10.0	<5	4	8	<20	0.03
398829		0.01	<10	1.69	1675	<1	0.50	38	100	<2	0.18	<5	3	69	<20	0.06
398830		0.01	10	1.37	3170	<1	0.04	11	1030	4	0.08	6	1	22	<20	0.02
398831		<0.01	<10	0.03	287	<1	0.01	10	50	<2	0.86	<5	<1	<1	<20	<0.01
398832		0.04	10	0.12	399	<1	0.01	4	230	<2	<0.01	<5	1	14	<20	0.04
398833		0.03	<10	0.51	1945	<1	<0.01	4	410	<2	<0.01	5	<1	9	<20	<0.01
398834		0.01	<10	0.42	982	1	<0.01	2	3020	4	0.01	<5	<1	40	<20	<0.01
398835		0.50	<10	0.04	96	32	0.01	14	130	15	0.33	9	1	5	<20	0.03
398836		0.65	10	2.39	6390	<1	0.04	7	190	8	0.56	8	1	28	<20	0.04
398837		3.68	20	1.44	1390	8	0.04	85	890	28	5.15	<5	21	19	<20	0.62

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398055		<10	<10	81	<10	87
398056		<10	<10	236	<10	114
398057		<10	<10	248	<10	61
398801		<10	<10	2	<10	9
398802		<10	<10	1	<10	20
398803		<10	<10	1	<10	52
398804		10	<10	183	<10	345
398805		<10	<10	4	<10	3320
398806		<10	<10	3	<10	240
398807		10	<10	3	<10	239
398808		<10	10	162	<10	321
398809		<10	<10	1	<10	231
398810		<10	<10	1	<10	3
398811		<10	<10	164	<10	642
398812		<10	<10	18	<10	9
398813		<10	<10	173	<10	623
398814		<10	<10	39	<10	71
398815		<10	<10	50	<10	29
398816		<10	<10	306	<10	64
398817		<10	<10	8	<10	13
398818		<10	<10	10	<10	28
398819		<10	<10	69	<10	42
398820		<10	<10	1	<10	3
398821		<10	<10	9	<10	3
398822		<10	<10	6	<10	6
398823		<10	<10	8	<10	34
398824		<10	<10	52	<10	15
398825		<10	<10	216	<10	1260
398826		<10	<10	61	<10	454
398827		<10	<10	335	<10	430
398828		<10	<10	63	<10	429
398829		<10	<10	23	<10	23
398830		<10	<10	246	<10	26
398831		<10	<10	5	<10	2
398832		<10	<10	11	<10	7
398833		<10	<10	5	<10	11
398834		<10	<10	4	<10	14
398835		<10	<10	390	<10	20
398836		<10	<10	36	<10	50
398837		<10	<10	272	<10	125

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Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
398838		0.51	<0.005	<0.5	0.45	<5	70	1.4	<2	3.66	1.1	3	3	9	29.0	<10
398839		0.48	<0.005	<0.5	5.86	<5	150	3.2	2	0.17	<0.5	19	154	87	14.45	20
398840		0.50	0.005	<0.5	0.66	<5	50	2.5	5	0.73	<0.5	3	9	10	28.4	<10
398841		0.56	<0.005	<0.5	0.29	<5	10	1.7	6	0.17	0.7	11	6	189	28.2	<10
398842		0.47	0.007	<0.5	1.43	<5	100	3.1	4	0.46	<0.5	7	23	10	28.1	10
398843		0.64	<0.005	<0.5	0.05	<5	<10	<0.5	<2	2.06	<0.5	<1	17	1	4.51	<10
398844		0.66	0.005	<0.5	0.04	<5	10	<0.5	5	5.09	0.5	<1	14	1	11.65	<10
398845		0.68	0.048	1.2	0.12	34	10	<0.5	5	2.66	<0.5	41	4	50	33.4	<10
398846		0.58	0.013	<0.5	0.11	<5	10	1.0	<2	0.18	<0.5	12	2	15	26.1	<10
398847		0.33	0.005	<0.5	0.15	<5	20	<0.5	<2	0.97	<0.5	3	13	7	5.94	<10
398848		0.46	0.010	<0.5	0.29	<5	30	0.5	<2	0.11	<0.5	5	17	7	11.95	<10
398849		0.66	0.005	<0.5	0.06	<5	<10	<0.5	<2	1.36	<0.5	<1	32	<1	3.00	<10
398850		0.52	0.006	<0.5	0.04	<5	<10	<0.5	<2	0.07	<0.5	1	22	<1	2.79	<10

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
398838		0.36	<10	2.55	14750	<1	0.02	5	130	13	0.30	<5	1	128	<20	0.02
398839		2.33	10	2.08	2050	6	0.03	95	740	17	4.51	<5	21	26	<20	0.67
398840		0.04	10	3.29	8250	1	0.35	4	2570	7	0.40	<5	1	78	<20	0.08
398841		0.01	10	3.86	6560	2	0.12	9	190	12	7.33	<5	1	16	<20	0.01
398842		0.24	20	3.61	8380	1	0.26	25	1340	3	0.80	<5	3	42	<20	0.03
398843		0.02	<10	1.05	928	<1	<0.01	<1	170	3	0.03	<5	<1	16	<20	<0.01
398844		0.01	<10	3.53	2630	<1	<0.01	<1	120	2	0.03	<5	<1	20	<20	<0.01
398845		0.05	<10	0.90	1335	3	0.01	23	10	20	>10.0	5	<1	28	<20	<0.01
398846		0.02	<10	0.50	6000	<1	<0.01	6	370	4	2.14	6	<1	6	<20	<0.01
398847		0.05	<10	0.55	2880	<1	0.01	2	120	<2	0.08	<5	<1	16	<20	<0.01
398848		0.09	<10	0.82	2750	<1	0.01	5	260	6	0.11	6	1	3	<20	0.02
398849		0.02	<10	0.33	1315	<1	<0.01	<1	70	2	<0.01	<5	<1	33	<20	<0.01
398850		<0.01	<10	0.08	410	<1	<0.01	1	30	<2	<0.01	<5	<1	<1	<20	<0.01

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
398838		<10	<10	45	<10	48
398839		<10	<10	317	<10	117
398840		<10	<10	13	<10	44
398841		<10	<10	28	<10	39
398842		<10	<10	101	<10	36
398843		<10	<10	5	<10	4
398844		<10	<10	8	<10	5
398845		<10	<10	9	<10	4
398846		<10	<10	14	<10	5
398847		<10	<10	8	<10	3
398848		<10	<10	14	<10	7
398849		<10	<10	3	<10	2
398850		<10	<10	6	<10	<2

Commentaire: S396452, S396461, S396670 possibilite d'inversion entre les numeros due a un renversement des 3 echantillons

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 27- SEPT- 2016
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO16146449

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

Quality Analysis ... *Innovative Technologies*

Date Submitted: 01-Sep-16
Invoice No.: A16-08874 (i)
Invoice Date: 03-Nov-16
Your Reference:

Osisko Mining Inc.
300 Rue St. Paul, Suite 200
Quebec QC G1K 7R1
Canada

ATTN: Sylvain Trepanier

CERTIFICATE OF ANALYSIS

551 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A16-08874 (i)**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
309251	< 2	0.3	47	< 0.3	1	14	38	58	< 0.01	7.06	9.0	500	2	< 2	< 0.5	1.33	15	91	4	1.1	4.38	7	< 1
309252	< 2	0.3	129	0.3	1	13	186	113	0.03	8.11	43.3	600	2	< 2	7.1	0.28	54	253	5	1.6	11.3	3	< 1
309253	< 2	0.3	154	< 0.3	1	23	86	86	0.01	7.02	27.0	410	2	< 2	< 0.5	1.04	41	88	5	1.8	6.11	5	< 1
309254	< 2	0.5	52	< 0.3	2	20	32	57	0.02	6.39	15.0	400	1	< 2	8.0	0.99	16	92	3	0.8	6.08	6	< 1
309255	91	< 0.3	13	< 0.3	< 1	6	11	19	0.03	0.39	21.0	< 50	1	2	10.0	0.19	10	27	4	0.8	14.9	< 1	< 1
309256	< 2	0.4	22	< 0.3	< 1	13	27	47	0.01	6.52	7.0	540	1	< 2	3.0	1.23	10	78	3	0.7	4.14	6	< 1
309257	< 2	0.4	31	< 0.3	< 1	13	35	62	< 0.01	6.77	7.0	550	2	< 2	< 0.5	1.20	14	83	4	0.9	4.41	5	< 1
309258	< 2	0.4	34	< 0.3	< 1	12	36	74	0.01	7.05	6.0	570	1	< 2	< 0.5	0.98	16	101	3	0.9	4.77	7	< 1
309259	< 2	1.3	68	< 0.3	11	12	40	83	0.23	3.17	201	< 50	< 1	< 2	10.9	1.51	15	165	< 1	0.2	24.6	5	< 1
309260	< 2	0.4	19	< 0.3	< 1	12	27	70	0.01	6.06	6.0	460	1	< 2	8.0	1.15	13	63	1	0.7	3.85	6	< 1
309261	< 2	0.8	29	< 0.3	3	18	21	52	0.03	6.30	17.0	680	1	< 2	4.0	1.04	9	85	4	0.6	7.58	6	< 1
309262	< 2	< 0.3	17	< 0.3	< 1	5	8	29	0.02	8.10	8.0	340	2	< 2	< 0.5	0.10	5	83	4	0.6	2.61	6	< 1
309263	< 2	< 0.3	49	0.4	3	23	28	46	0.03	7.17	86.0	440	2	< 2	26.0	1.03	15	88	< 1	1.3	5.90	8	< 1
309264	< 2	< 0.3	43	< 0.3	< 1	13	30	104	0.04	7.62	22.3	290	2	< 2	< 0.5	0.30	13	110	8	1.2	8.46	6	< 1
309265	< 2	0.5	52	0.3	3	17	38	271	0.03	6.74	31.0	320	2	< 2	7.0	0.61	22	114	8	0.7	11.2	4	< 1
309266	10	< 0.3	37	0.5	3	13	36	140	0.04	4.33	42.5	< 50	2	< 2	10.2	0.30	22	111	3	0.9	17.2	4	< 1
309267	< 2	< 0.3	26	< 0.3	< 1	16	46	107	0.01	7.08	12.0	510	2	< 2	6.0	1.26	23	95	2	1.0	5.81	7	< 1
309268	< 2	< 0.3	16	< 0.3	2	14	28	78	0.02	6.50	10.0	520	2	< 2	12.0	1.28	16	91	3	0.7	5.59	7	< 1
309269	< 2	< 0.3	16	< 0.3	< 1	16	32	91	0.01	7.08	9.0	430	2	< 2	11.0	1.06	17	80	6	0.7	5.27	7	< 1
309270	55	4.0	76	0.5	42	97	17	240	0.36	6.48	295	< 50	1	< 2	2.6	0.08	< 1	112	< 1	0.8	18.2	5	< 1
309271	14	1.3	64	< 0.3	43	22	23	216	0.05	4.90	100	350	1	< 2	3.0	0.41	6	68	3	0.8	14.5	4	< 1
309272	< 2	< 0.3	28	< 0.3	2	20	44	96	0.01	7.62	10.1	200	2	< 2	< 0.5	0.19	23	106	10	0.9	8.17	5	< 1
309273	< 2	0.5	51	< 0.3	2	19	36	92	0.02	7.03	11.0	480	2	< 2	6.0	0.83	17	88	4	0.6	6.23	5	< 1
309274	< 2	< 0.3	27	< 0.3	2	16	43	109	0.01	6.98	8.0	410	2	< 2	7.0	1.19	18	85	3	0.8	5.08	5	< 1
309275	68	2.2	141	0.4	15	190	118	456	0.11	5.74	102	< 50	< 1	3	10.0	0.11	55	149	< 1	0.9	15.5	5	2
309276	8	0.4	122	0.6	2	20	89	359	0.03	6.60	28.0	490	1	< 2	4.0	1.16	36	98	5	1.4	8.09	6	1
309277	< 2	0.4	47	0.7	2	14	47	160	0.02	6.61	16.0	450	1	< 2	3.0	1.42	16	77	< 1	1.0	5.01	7	< 1
309278	8	< 0.3	95	0.4	< 1	15	79	245	0.02	6.49	39.0	530	1	< 2	5.0	1.12	42	90	< 1	0.7	7.34	5	< 1
309279	5	< 0.3	86	< 0.3	2	13	69	122	0.02	6.57	12.0	540	2	< 2	7.0	1.56	25	81	2	1.3	6.23	6	2
309280	32	0.6	66	< 0.3	8	40	31	94	0.07	5.70	68.0	410	1	< 2	8.0	0.74	12	95	3	0.6	10.3	5	1
309281	6	0.7	97	< 0.3	7	24	38	162	0.03	6.36	35.0	380	1	< 2	5.0	0.90	17	82	< 1	0.7	7.86	5	< 1
309282	< 2	0.4	84	< 0.3	3	21	42	94	0.02	6.31	36.0	400	1	< 2	2.0	1.07	21	80	< 1	0.8	7.51	5	< 1
309283	9	1.5	89	1.0	14	42	42	189	0.09	5.74	74.0	350	1	< 2	11.0	0.68	20	97	< 1	0.8	12.1	5	< 1
309284	12	0.9	48	< 0.3	19	22	19	107	0.04	5.62	97.0	330	1	< 2	6.0	0.80	5	76	2	0.7	10.3	7	< 1
309285	9	0.5	55	< 0.3	2	16	36	104	0.03	6.31	23.0	390	1	< 2	6.0	1.42	24	96	< 1	0.6	7.50	5	< 1
309286	16	0.9	56	< 0.3	13	31	26	126	0.05	5.87	64.0	450	1	< 2	13.0	0.71	7	75	2	0.4	10.6	5	< 1
309287	< 2	< 0.3	76	< 0.3	13	21	33	188	0.03	5.63	42.0	440	1	< 2	3.0	0.73	9	86	5	0.7	11.5	6	< 1
309288	19	1.7	66	< 0.3	20	35	25	142	0.05	5.45	82.0	330	1	< 2	5.0	0.56	7	68	2	0.5	14.1	5	< 1
309289	13	0.6	37	< 0.3	9	25	24	149	0.05	6.07	36.0	450	1	< 2	6.0	0.96	6	64	< 1	0.6	6.95	6	< 1
309290	< 2	0.8	8	0.8	2	20	20	72	0.05	1.03	7.0	< 50	< 1	< 2	19.0	0.81	6	26	< 1	0.8	20.8	< 1	< 1
309291	4	0.5	44	< 0.3	2	17	19	44	0.02	6.00	19.0	460	1	< 2	5.0	0.94	7	70	5	0.7	5.79	7	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
309292	180	0.8	69	1.5	< 1	6	45	79	0.08	1.49	12.0	< 50	< 1	< 2	38.0	1.00	20	39	< 1	0.4	20.5	< 1	< 1
309293	13	0.4	74	< 0.3	6	24	53	169	0.03	5.77	54.0	210	1	< 2	9.0	0.65	12	85	6	0.7	13.2	4	< 1
309294	< 2	< 0.3	17	0.5	< 1	11	404	75	0.04	6.01	48.0	< 50	< 1	< 2	14.0	1.11	72	323	< 1	0.6	9.17	2	< 1
309295	< 2	< 0.3	126	< 0.3	< 1	4	230	48	0.02	5.44	6.0	200	< 1	< 2	14.0	5.10	43	185	< 1	0.3	7.22	3	< 1
309296	< 2	0.3	50	< 0.3	< 1	13	45	130	0.03	6.56	26.0	360	1	< 2	13.0	0.79	20	91	6	0.7	6.84	4	< 1
309297	< 2	< 0.3	372	0.8	< 1	5	439	82	0.02	5.19	530	< 50	< 1	< 2	4.0	0.09	175	98	< 1	1.9	16.1	2	< 1
309298	< 2	0.3	27	< 0.3	< 1	6	144	42	0.02	5.20	21.0	230	< 1	< 2	6.0	3.53	33	134	< 1	0.7	5.81	6	< 1
309299	< 2	0.4	20	< 0.3	< 1	7	96	40	0.03	5.05	56.0	360	< 1	< 2	10.0	2.60	25	141	< 1	0.7	7.52	6	< 1
309300	7	0.4	28	< 0.3	3	15	36	107	0.02	6.98	5.0	560	2	< 2	< 0.5	1.95	21	78	7	1.7	4.37	9	1
309551	< 2	0.7	137	0.3	< 1	17	49	190	0.02	6.12	43.0	410	1	< 2	6.0	1.10	18	94	2	0.9	8.65	6	< 1
309552	< 2	0.4	99	< 0.3	< 1	20	48	174	0.02	6.53	31.0	390	1	< 2	6.0	0.92	19	92	< 1	0.7	7.89	5	< 1
309553	< 2	0.4	110	< 0.3	2	6	112	185	0.05	8.47	32.0	560	< 1	< 2	3.0	0.09	51	282	3	0.4	14.4	3	< 1
309554	< 2	0.3	47	< 0.3	< 1	13	34	89	< 0.01	6.80	10.0	560	1	< 2	3.0	1.41	16	71	< 1	1.2	4.53	6	< 1
309555	< 2	0.3	18	< 0.3	< 1	12	27	72	< 0.01	6.41	6.0	570	1	< 2	< 0.5	1.50	11	56	< 1	1.5	3.55	6	< 1
309556	8	0.3	121	0.5	2	< 3	95	132	0.02	7.76	91.0	620	< 1	< 2	11.0	0.32	74	218	3	1.4	9.17	2	< 1
309557	< 2	0.4	146	< 0.3	2	83	73	254	0.04	6.29	100	< 50	< 1	< 2	7.0	0.16	54	188	< 1	1.0	19.0	2	< 1
309558	< 2	0.6	124	0.3	4	25	60	169	0.03	6.04	134	370	< 1	< 2	11.0	0.49	25	116	< 1	0.9	11.5	3	< 1
309559	58	3.7	63	< 0.3	63	179	10	132	0.12	5.79	19.0	< 50	2	< 2	3.0	0.19	3	95	< 1	2.5	14.1	7	< 1
309560	< 2	0.7	107	< 0.3	7	38	41	181	0.05	5.32	91.0	350	< 1	< 2	1.0	0.72	14	101	< 1	0.5	12.4	5	< 1
309561	4	0.5	32	< 0.3	7	16	22	78	0.02	6.32	21.0	610	1	< 2	4.0	1.02	8	60	< 1	0.5	7.04	7	< 1
309562	21	1.0	72	< 0.3	13	26	26	170	0.06	5.09	60.0	500	1	< 2	< 0.5	0.75	12	66	4	0.2	14.3	5	< 1
309563	< 2	< 0.3	113	< 0.3	< 1	< 3	88	116	0.02	6.70	23.0	< 50	< 1	< 2	< 0.5	4.65	52	168	< 1	0.7	8.27	2	< 1
309564	26	1.1	64	0.3	49	40	24	187	0.06	5.30	70.0	380	1	< 2	5.0	0.69	2	50	2	0.7	12.2	5	< 1
309565	< 2	0.8	70	< 0.3	17	31	22	116	0.03	5.27	63.0	290	1	< 2	8.0	0.55	6	65	2	0.3	14.6	5	< 1
309566	< 2	< 0.3	27	< 0.3	< 1	14	33	60	0.01	7.01	7.0	550	2	< 2	< 0.5	1.46	15	62	< 1	1.4	4.13	7	< 1
309567	< 2	< 0.3	20	< 0.3	< 1	15	17	34	0.01	6.43	7.0	150	1	< 2	3.0	0.98	7	62	6	0.9	2.97	8	< 1
309568	< 2	< 0.3	28	0.4	< 1	12	38	62	0.02	5.69	17.0	860	1	< 2	11.0	1.01	20	69	14	0.8	6.07	6	< 1
309569	< 2	0.6	182	0.5	2	8	146	96	0.05	5.63	22.5	350	1	< 2	10.5	2.24	81	114	6	0.6	6.41	2	< 1
309570	< 2	< 0.3	8	< 0.3	< 1	14	18	42	0.01	6.12	7.0	600	1	< 2	2.0	0.99	9	76	2	1.2	4.99	8	< 1
309571	< 2	< 0.3	17	< 0.3	< 1	16	28	69	0.01	6.51	12.0	520	2	< 2	< 0.5	1.44	16	85	< 1	1.3	6.33	8	< 1
309572	< 2	< 0.3	4	< 0.3	< 1	< 3	7	9	0.02	0.10	3.0	< 50	< 1	2	3.0	0.10	1	7	< 1	< 0.2	9.23	< 1	< 1
309573	< 2	0.4	46	< 0.3	8	14	54	185	0.03	5.82	36.0	370	1	< 2	6.0	1.45	21	76	4	1.0	7.08	5	< 1
309574	< 2	0.5	45	< 0.3	7	16	36	68	0.03	5.94	35.0	370	1	< 2	7.0	1.30	10	72	1	0.9	6.07	7	< 1
309575	< 2	< 0.3	15	< 0.3	1	14	26	47	0.02	6.83	10.0	550	1	< 2	7.0	0.93	10	89	6	1.2	4.78	6	< 1
309576	12	0.5	62	< 0.3	2	23	49	142	0.01	6.42	36.0	540	1	< 2	< 0.5	1.07	17	80	1	1.4	8.14	5	< 1
309577	< 2	0.7	8	< 0.3	< 1	18	12	26	0.01	6.57	4.0	760	2	< 2	2.0	1.67	6	64	2	0.4	2.88	15	< 1
309578	< 2	0.8	155	< 0.3	16	30	5	51	0.13	0.94	8.0	< 50	< 1	< 2	2.0	0.06	< 1	55	< 1	0.9	24.8	< 1	< 1
309579	< 2	0.5	14	< 0.3	3	13	19	66	0.02	6.26	8.0	520	2	< 2	6.0	1.13	10	65	5	1.2	5.22	10	< 1
309580	< 2	< 0.3	12	< 0.3	2	12	20	49	0.02	3.97	15.0	210	1	< 2	5.0	0.47	11	67	3	0.6	9.40	4	< 1
309581	< 2	< 0.3	15	< 0.3	< 1	4	12	10	0.04	0.07	140	< 50	< 1	< 2	5.0	3.95	3	< 2	< 1	0.3	9.84	< 1	< 1
309582	2	< 0.3	2	< 0.3	< 1	4	3	25	0.02	0.15	3.0	< 50	< 1	< 2	1.0	0.09	1	5	< 1	< 0.2	9.14	< 1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
309583	< 2	< 0.3	19	< 0.3	< 1	5	17	21	0.03	1.12	13.0	< 50	1	< 2	11.0	0.82	9	36	< 1	0.9	17.7	< 1	< 1
309584	< 2	< 0.3	6	< 0.3	< 1	6	11	18	0.03	0.37	16.0	< 50	< 1	< 2	4.0	4.87	6	13	< 1	0.3	11.4	< 1	< 1
309585	3	< 0.3	16	< 0.3	1	17	28	66	0.02	6.48	10.0	460	2	< 2	< 0.5	0.92	16	83	5	1.3	6.14	7	< 1
309586	< 2	< 0.3	11	< 0.3	1	3	8	11	0.02	0.13	9.0	< 50	< 1	< 2	4.0	1.04	2	5	< 1	0.3	9.60	< 1	< 1
309587	< 2	< 0.3	14	< 0.3	< 1	12	17	75	0.02	5.50	8.0	450	1	< 2	3.0	1.34	12	58	3	1.1	4.93	9	< 1
309588	< 2	0.4	10	< 0.3	2	12	14	54	0.02	5.62	4.0	430	1	< 2	2.0	0.81	5	47	3	1.0	3.94	6	< 1
309589	< 2	< 0.3	41	< 0.3	1	13	26	41	0.02	6.08	26.0	410	1	< 2	1.0	1.52	11	72	1	0.7	4.08	6	< 1
309590	< 2	< 0.3	14	< 0.3	< 1	12	18	48	0.01	6.16	10.0	500	1	< 2	< 0.5	0.96	6	51	6	0.3	2.62	6	< 1
309591	7	< 0.3	54	< 0.3	2	12	32	85	0.03	6.05	23.0	420	1	< 2	8.0	1.40	10	73	< 1	1.1	5.10	4	< 1
309592	< 2	< 0.3	72	< 0.3	< 1	11	44	76	< 0.01	6.86	18.0	500	1	< 2	< 0.5	1.47	22	97	4	1.6	5.35	6	< 1
309593	7	0.3	115	< 0.3	1	10	59	101	0.05	6.24	31.0	290	1	< 2	6.0	2.49	29	101	3	1.3	6.26	5	< 1
309594	< 2	0.4	38	< 0.3	< 1	10	42	41	0.01	6.36	11.0	480	1	< 2	1.0	1.78	13	72	2	1.0	3.92	6	< 1
309595	< 2	0.3	39	< 0.3	< 1	15	41	68	< 0.01	7.66	7.0	610	2	< 2	< 0.5	1.30	17	91	4	1.7	5.09	6	< 1
309596	< 2	< 0.3	22	< 0.3	< 1	11	23	46	0.01	5.99	18.0	480	1	< 2	1.0	1.40	10	77	< 1	1.1	4.97	5	< 1
309597	< 2	0.4	37	< 0.3	2	12	19	40	0.02	6.01	9.0	470	1	< 2	6.0	1.33	7	54	2	1.0	4.10	5	< 1
309598	< 2	0.3	29	< 0.3	< 1	10	21	39	0.01	6.47	7.0	460	1	< 2	8.0	1.32	9	54	1	1.3	3.64	6	< 1
309599	< 2	< 0.3	37	0.5	< 1	5	89	228	0.05	6.45	64.0	260	< 1	< 2	< 0.5	0.31	41	165	2	0.7	8.82	2	< 1
309600	6	0.3	30	< 0.3	< 1	18	39	112	0.02	7.30	6.0	570	2	< 2	< 0.5	2.00	21	73	7	1.8	4.35	8	< 1
312401	< 2	0.5	41	< 0.3	< 1	17	37	97	0.09	7.27	8.0	650	1	< 2	2.0	0.80	14	94	5	0.4	6.87	6	< 1
312402	< 2	0.4	50	< 0.3	3	14	26	75	0.02	6.85	11.0	470	1	< 2	3.0	1.02	11	94	2	1.0	7.02	5	< 1
312403	< 2	0.3	7	< 0.3	2	11	10	25	0.02	2.78	3.0	230	2	< 2	10.0	0.59	7	37	7	1.0	13.4	3	< 1
312404	< 2	1.0	66	< 0.3	27	19	5	60	0.91	4.65	< 0.5	190	1	< 2	4.0	0.18	< 1	66	4	< 0.2	16.3	5	< 1
312405	10	1.0	62	0.5	14	20	33	196	0.04	5.80	33.0	400	2	< 2	8.0	0.53	23	65	6	1.1	9.84	6	< 1
312406	< 2	0.4	38	< 0.3	6	12	27	90	0.04	5.05	14.0	230	1	< 2	4.0	0.35	21	85	16	0.3	12.7	3	< 1
312407	< 2	< 0.3	68	0.5	< 1	4	49	89	0.02	6.32	12.0	< 50	< 1	< 2	1.0	3.05	42	149	< 1	1.4	11.3	4	< 1
312408	80	0.4	41	< 0.3	< 1	10	17	101	0.10	2.80	17.0	< 50	< 1	< 2	9.0	0.05	8	37	7	0.8	23.5	< 1	< 1
312409	10	0.4	35	< 0.3	< 1	11	10	36	0.22	1.34	117	120	< 1	< 2	10.0	0.13	17	42	24	0.6	28.6	< 1	< 1
312410	< 2	0.7	42	< 0.3	8	17	21	58	0.04	5.10	23.0	360	1	< 2	6.0	0.84	10	78	6	0.3	9.03	6	< 1
312411	4	0.8	44	< 0.3	5	93	17	61	0.10	5.65	27.0	460	1	< 2	11.0	1.01	8	84	< 1	1.2	10.3	7	< 1
312412	< 2	2.6	24	< 0.3	23	44	8	60	0.07	9.09	8.0	690	3	< 2	6.0	0.21	2	54	< 1	1.9	9.62	22	< 1
312413	< 2	0.3	11	< 0.3	< 1	13	21	45	0.01	6.67	7.0	530	1	< 2	3.0	1.49	8	68	< 1	0.8	4.75	9	< 1
312414	< 2	1.5	40	< 0.3	11	33	7	128	0.07	6.78	137	280	1	< 2	4.0	0.15	1	96	< 1	0.5	14.2	8	< 1
312415	< 2	0.5	115	< 0.3	5	25	15	40	0.17	4.05	31.0	320	< 1	< 2	26.0	0.63	5	60	< 1	1.5	13.7	6	< 1
312416	4	0.8	218	< 0.3	2	26	8	37	0.72	1.60	96.0	< 50	< 1	< 2	6.0	0.25	2	41	< 1	0.2	32.8	4	< 1
312417	< 2	0.4	28	< 0.3	< 1	10	45	39	0.02	6.13	383	390	< 1	< 2	3.0	2.20	17	191	< 1	0.5	5.41	9	< 1
312418	6	< 0.3	16	< 0.3	< 1	13	20	62	0.02	5.15	28.0	460	1	< 2	5.0	0.65	8	88	8	0.6	9.48	7	< 1
312419	7	< 0.3	35	< 0.3	< 1	5	20	63	0.06	2.62	9.7	390	3	< 2	2.5	0.24	8	63	14	1.1	17.5	< 1	< 1
312420	< 2	0.4	43	< 0.3	4	13	35	79	0.02	6.34	15.0	560	2	< 2	6.0	1.01	18	74	2	0.6	6.06	7	< 1
312421	< 2	0.4	10	< 0.3	1	12	15	48	0.02	6.04	13.0	640	1	< 2	3.0	0.67	9	74	4	0.6	6.97	8	< 1
312422	< 2	< 0.3	20	< 0.3	< 1	14	25	75	0.03	5.95	9.6	640	2	< 2	6.9	1.17	16	82	8	0.4	5.82	6	< 1
312423	< 2	< 0.3	23	< 0.3	< 1	6	20	63	< 0.01	4.55	10.0	300	2	< 2	2.0	0.38	15	52	8	0.2	11.9	4	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
312424	< 2	0.3	27	< 0.3	< 1	15	31	81	0.01	6.69	14.0	620	2	< 2	5.0	0.81	18	90	7	0.5	7.11	6	< 1
312425	< 2	< 0.3	31	< 0.3	< 1	11	30	52	0.01	6.55	17.0	600	1	< 2	3.0	1.19	18	66	3	0.7	5.27	7	< 1
312426	7	0.4	39	< 0.3	< 1	12	29	66	0.03	5.62	15.0	480	1	< 2	2.0	1.01	14	60	6	0.9	6.53	6	< 1
312427	7	< 0.3	35	< 0.3	< 1	7	15	31	0.02	4.82	36.0	460	< 1	< 2	2.0	1.08	8	73	3	0.5	3.62	9	< 1
312428	< 2	< 0.3	32	< 0.3	2	18	41	88	0.05	4.93	16.0	490	2	< 2	14.0	1.42	29	75	4	0.9	8.47	7	< 1
312429	< 2	< 0.3	13	< 0.3	< 1	32	22	59	0.01	5.85	13.0	400	1	< 2	2.0	0.74	9	64	5	0.6	4.53	5	< 1
312430	< 2	< 0.3	110	< 0.3	< 1	31	60	62	0.03	7.15	13.0	700	2	< 2	11.0	0.71	23	82	6	3.2	4.32	9	2
312431	< 2	0.6	37	< 0.3	< 1	14	20	44	0.02	7.93	10.0	550	2	< 2	8.0	0.45	8	96	3	0.9	5.22	11	< 1
312432	< 2	0.6	243	< 0.3	2	173	129	29	0.07	5.61	11.0	230	1	< 2	28.0	0.75	14	112	2	2.0	7.02	6	< 1
312433	< 2	0.5	27	< 0.3	< 1	13	22	41	0.01	5.83	8.0	380	1	< 2	4.0	0.60	12	45	4	0.9	5.16	7	< 1
312434	< 2	< 0.3	34	< 0.3	< 1	4	65	91	0.02	7.56	12.0	< 50	< 1	< 2	< 0.5	1.55	31	155	2	0.8	8.49	4	< 1
312435	5	0.3	33	< 0.3	5	9	64	91	0.04	7.80	7.0	630	4	< 2	13.0	0.43	34	118	25	2.4	12.0	3	< 1
312436	5	0.5	33	< 0.3	1	14	40	104	< 0.01	7.05	10.0	560	2	< 2	3.0	0.96	19	72	3	0.9	5.35	5	< 1
312437	10	< 0.3	67	< 0.3	3	13	60	149	0.02	7.01	25.0	550	2	< 2	2.0	0.93	23	106	6	2.2	8.88	5	< 1
312438	< 2	< 0.3	6	< 0.3	< 1	15	11	24	0.01	5.88	15.0	580	1	< 2	< 0.5	0.91	6	61	2	0.6	4.76	11	< 1
312439	19	0.5	22	< 0.3	13	53	16	67	0.11	4.60	36.0	280	2	< 2	14.0	0.84	8	94	10	0.3	15.0	4	< 1
312440	7	0.4	138	< 0.3	1	11	78	56	0.11	6.04	47.0	440	1	< 2	17.0	1.55	37	69	7	1.3	7.74	7	< 1
312441	81	3.5	126	0.6	9	35	13	96	0.14	3.89	60.0	210	< 1	< 2	9.0	0.32	3	74	3	0.3	24.1	7	< 1
312442	6	0.4	41	< 0.3	< 1	13	34	46	0.02	6.62	9.0	660	1	< 2	3.0	1.59	16	65	2	0.8	3.97	7	< 1
312443	< 2	0.3	46	< 0.3	< 1	9	37	45	< 0.01	8.22	4.0	650	1	< 2	< 0.5	1.01	22	82	4	0.7	4.94	6	< 1
312444	7	0.4	81	< 0.3	2	8	8	134	0.67	1.55	6.0	< 50	< 1	< 2	11.0	0.04	2	42	< 1	1.9	42.5	< 1	< 1
310001	8	0.3	13	< 0.3	< 1	13	26	41	0.01	6.95	6.0	710	2	< 2	6.0	1.20	12	64	3	0.8	3.93	7	< 1
310002	< 2	0.3	13	< 0.3	< 1	13	27	44	< 0.01	6.78	7.0	680	1	< 2	2.0	1.29	13	70	2	0.4	4.00	7	< 1
310003	< 2	0.7	42	< 0.3	< 1	25	20	51	0.13	4.95	17.0	480	< 1	< 2	10.0	0.75	7	69	4	0.6	12.5	8	1
310004	< 2	0.9	86	< 0.3	3	19	28	64	0.04	5.36	39.0	360	< 1	< 2	8.0	0.70	18	80	6	0.8	12.4	7	< 1
310005	< 2	< 0.3	176	< 0.3	2	14	84	146	0.12	6.96	16.0	380	1	< 2	11.0	1.07	65	94	2	1.4	8.39	4	< 1
310006	< 2	< 0.3	12	< 0.3	< 1	15	19	35	0.01	6.49	6.0	610	1	< 2	2.0	1.18	3	64	3	0.7	3.25	10	< 1
310007	< 2	0.4	194	0.6	1	21	121	440	0.03	5.88	79.0	< 50	< 1	< 2	7.0	0.07	97	134	< 1	1.1	14.3	3	< 1
310008	< 2	2.1	42	< 0.3	8	26	21	63	0.06	5.62	69.0	520	< 1	< 2	4.0	0.57	8	81	< 1	0.6	12.8	9	< 1
310009	6	0.5	149	0.4	5	13	16	114	0.66	1.57	133	< 50	< 1	< 2	2.1	0.29	5	67	< 1	< 0.2	38.1	2	< 1
310010	< 2	0.5	133	< 0.3	9	48	33	136	0.06	5.59	59.0	340	< 1	< 2	11.0	0.82	12	109	< 1	0.7	13.6	4	< 1
310011	9	0.4	78	0.4	5	33	32	97	0.04	6.20	46.0	570	1	< 2	13.0	0.87	10	77	< 1	0.5	10.0	5	< 1
310012	31	0.7	67	< 0.3	13	22	20	82	0.10	6.17	59.0	450	1	< 2	13.0	0.67	6	82	2	0.8	9.71	6	1
310013	< 2	0.8	278	< 0.3	< 1	10	86	101	0.07	4.28	102	< 50	< 1	< 2	21.0	0.20	45	182	< 1	1.6	19.7	3	< 1
310014	< 2	0.6	179	< 0.3	4	24	62	191	0.07	5.59	62.0	400	< 1	< 2	12.0	0.77	24	107	2	0.9	12.6	5	< 1
310015	< 2	< 0.3	74	< 0.3	1	18	32	65	0.04	6.19	23.0	600	1	< 2	9.0	0.93	12	85	3	0.9	7.02	7	< 1
310016	4	< 0.3	57	< 0.3	< 1	11	26	49	0.03	5.78	85.0	320	< 1	< 2	19.0	1.00	21	80	4	1.2	8.54	7	< 1
310017	< 2	0.4	31	< 0.3	3	14	27	65	0.02	6.63	21.0	560	1	< 2	7.0	1.04	13	74	4	0.6	6.50	7	1
310018	< 2	0.4	36	< 0.3	5	22	23	56	0.07	6.07	6.0	610	2	2	10.0	0.26	7	72	7	0.7	13.0	5	< 1
310019	< 2	0.6	8	< 0.3	< 1	14	14	31	0.02	6.16	7.0	590	1	< 2	< 0.5	0.80	3	67	2	0.7	3.26	11	< 1
310020	< 2	0.4	48	< 0.3	1	15	37	64	0.03	7.17	20.0	370	1	< 2	8.5	0.90	15	95	4	0.6	6.84	6	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
310021	16	0.4	126	0.5	3	18	77	177	0.02	6.76	37.0	380	2	< 2	10.0	0.76	34	94	5	1.0	9.52	5	< 1
310022	7	< 0.3	145	0.4	2	16	60	160	0.04	6.00	29.0	440	1	< 2	9.0	1.36	41	77	2	1.6	8.86	8	< 1
310023	7	0.6	204	1.9	< 1	18	84	345	0.03	5.19	126	< 50	< 1	< 2	9.0	0.35	56	146	< 1	0.8	14.7	3	< 1
310024	< 2	< 0.3	5	< 0.3	< 1	7	9	24	< 0.01	8.02	6.0	700	3	< 2	2.0	0.24	3	89	13	0.4	2.77	5	< 1
310025	< 2	< 0.3	85	0.3	< 1	15	56	123	0.01	6.85	17.0	560	2	< 2	< 0.5	1.25	30	80	2	1.1	6.59	7	< 1
310026	< 2	0.5	121	< 0.3	6	29	55	174	0.04	6.60	45.0	320	1	< 2	< 0.5	0.81	25	104	< 1	0.8	10.8	6	< 1
310027	< 2	0.4	58	< 0.3	2	14	55	90	0.05	4.90	11.0	390	2	< 2	11.0	1.54	35	54	< 1	1.0	14.9	5	< 1
310028	< 2	1.2	21	< 0.3	2	16	21	54	0.04	7.04	12.0	470	2	< 2	7.0	1.20	12	68	2	0.8	6.56	9	< 1
310029	< 2	< 0.3	6	< 0.3	< 1	7	11	28	0.05	0.59	4.0	< 50	3	2	24.0	0.71	9	22	< 1	0.9	29.1	< 1	< 1
310030	< 2	< 0.3	7	< 0.3	< 1	7	8	25	0.06	0.41	4.0	90	< 1	< 2	14.0	3.44	7	16	< 1	0.3	21.1	< 1	< 1
310031	< 2	< 0.3	7	< 0.3	2	6	16	37	0.03	0.55	11.0	< 50	1	< 2	12.0	0.33	10	28	< 1	0.6	25.3	< 1	< 1
310032	4	0.5	10	< 0.3	< 1	8	18	18	0.03	0.75	33.0	< 50	1	2	8.0	4.52	18	32	< 1	0.6	27.1	< 1	< 1
310033	< 2	< 0.3	62	< 0.3	< 1	12	50	70	0.03	5.72	2.0	450	< 1	< 2	11.0	1.09	31	69	2	0.7	8.51	6	< 1
310034	4	0.6	12	< 0.3	< 1	13	21	45	0.01	6.72	5.0	590	1	< 2	4.0	1.29	10	60	< 1	0.7	4.27	7	< 1
310035	< 2	< 0.3	13	< 0.3	< 1	12	23	31	< 0.01	6.27	9.0	610	1	< 2	2.0	1.05	9	54	< 1	0.8	3.79	9	< 1
310036	< 2	< 0.3	59	< 0.3	< 1	6	46	120	0.03	6.30	13.0	240	< 1	< 2	12.0	1.41	49	92	2	1.0	11.8	5	< 1
310037	15	1.4	13	< 0.3	32	54	6	187	0.10	6.29	8.2	< 50	2	< 2	11.4	0.08	< 1	83	2	2.5	12.8	16	< 1
310038	< 2	< 0.3	74	< 0.3	< 1	6	70	130	0.02	7.15	7.0	< 50	< 1	< 2	10.0	0.81	52	112	< 1	0.9	11.0	6	< 1
310039	< 2	0.4	50	< 0.3	2	10	14	246	0.09	4.50	4.0	< 50	< 1	< 2	3.0	0.06	3	36	< 1	0.4	30.0	1	< 1
310040	< 2	0.3	55	< 0.3	4	16	30	71	0.02	6.74	23.0	570	1	< 2	2.0	0.72	13	80	6	0.6	10.6	5	< 1
310041	7	1.0	55	< 0.3	8	23	24	106	0.05	6.36	26.0	560	1	< 2	7.0	0.98	7	57	2	0.6	7.65	7	< 1
310042	40	1.1	58	< 0.3	29	46	12	49	0.19	0.93	8.0	< 50	< 1	< 2	4.0	0.04	< 1	36	< 1	0.2	22.9	< 1	< 1
310043	8	0.5	107	< 0.3	2	12	50	65	0.08	5.13	39.0	< 50	< 1	< 2	5.0	1.86	19	112	2	0.2	13.8	4	< 1
310044	< 2	< 0.3	78	< 0.3	< 1	11	55	94	< 0.01	7.17	21.0	450	2	< 2	< 0.5	1.05	27	102	6	0.9	7.67	5	< 1
310045	< 2	0.3	98	< 0.3	< 1	7	49	132	0.03	6.49	2.0	< 50	< 1	< 2	15.0	1.74	31	85	< 1	1.2	16.0	6	< 1
310046	< 2	< 0.3	17	< 0.3	< 1	14	30	47	< 0.01	7.18	6.0	700	2	< 2	< 0.5	1.21	10	72	3	0.9	4.07	6	< 1
310047	< 2	< 0.3	13	< 0.3	< 1	12	15	26	0.01	6.32	8.0	480	1	< 2	< 0.5	0.92	7	53	8	0.7	4.00	8	< 1
310048	< 2	< 0.3	124	< 0.3	< 1	3	65	89	0.03	6.55	3.0	< 50	< 1	< 2	5.0	0.76	50	84	< 1	0.9	11.0	5	< 1
310049	8	0.6	459	< 0.3	< 1	13	5	39	1.04	0.32	10.0	< 50	< 1	3	12.0	0.06	2	28	< 1	< 0.2	37.6	1	< 1
310050	< 2	0.4	30	< 0.3	3	18	40	117	0.02	7.57	5.0	480	2	< 2	< 0.5	2.06	19	62	6	0.9	3.93	8	< 1
309401	13	0.6	64	< 0.3	16	24	30	125	0.08	6.58	58.0	280	1	< 2	4.0	0.48	8	88	6	0.6	11.3	5	< 1
309402	7	1.6	30	< 0.3	2	24	32	65	0.02	6.79	17.0	610	1	< 2	6.0	1.14	12	79	4	0.6	6.53	7	< 1
309403	< 2	0.7	34	< 0.3	5	22	21	58	0.04	3.58	30.5	260	< 1	< 2	5.0	0.31	9	47	2	0.3	5.35	4	< 1
309404	< 2	< 0.3	86	< 0.3	< 1	25	14	55	0.04	9.44	5.0	530	2	< 2	11.0	0.23	3	97	10	1.1	9.61	6	1
309405	4	0.6	37	1.4	5	28	31	244	0.06	5.75	26.0	470	2	< 2	7.0	0.58	19	68	8	0.5	16.3	3	< 1
309406	< 2	< 0.3	98	0.3	18	15	21	168	0.08	4.46	98.0	< 50	1	< 2	2.0	0.08	16	46	< 1	1.7	15.4	7	< 1
309407	< 2	< 0.3	43	< 0.3	< 1	6	72	138	0.03	7.26	54.0	510	1	< 2	2.0	0.19	35	135	6	0.7	9.53	3	< 1
309408	31	0.5	32	< 0.3	< 1	6	13	55	0.02	8.66	12.0	600	2	< 2	2.0	0.28	5	84	13	1.3	3.26	6	1
309409	5	0.8	29	< 0.3	2	34	17	47	0.02	8.32	18.0	510	2	< 2	5.0	0.22	6	95	10	1.0	4.80	6	< 1
309410	< 2	0.5	14	< 0.3	2	13	21	60	0.02	6.77	11.0	460	1	< 2	< 0.5	1.09	10	68	3	0.7	6.86	7	< 1
309411	< 2	0.8	55	0.3	< 1	14	31	76	0.05	8.07	8.0	610	2	< 2	7.0	0.54	11	86	7	0.6	5.30	4	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
309412	< 2	< 0.3	8	< 0.3	< 1	3	9	36	0.03	0.20	5.0	< 50	< 1	< 2	6.0	0.51	2	11	< 1	0.3	11.6	< 1	< 1
309413	< 2	0.7	58	< 0.3	< 1	12	11	43	0.04	8.68	8.0	470	2	< 2	4.0	0.26	< 1	94	12	1.4	5.79	7	< 1
309414	< 2	0.5	76	< 0.3	5	22	32	100	0.04	6.26	28.0	440	1	< 2	6.0	0.50	13	82	5	0.6	10.2	4	1
309415	14	< 0.3	11	< 0.3	< 1	15	22	40	0.01	6.64	6.0	620	1	< 2	6.0	1.20	10	64	2	0.9	3.72	9	< 1
309416	< 2	< 0.3	20	< 0.3	< 1	14	31	57	< 0.01	7.05	7.0	730	2	< 2	1.0	1.16	15	72	5	0.6	4.48	7	< 1
309417	< 2	0.4	34	< 0.3	< 1	16	40	87	0.01	7.42	8.0	600	2	< 2	6.0	1.25	17	66	2	0.9	3.70	8	< 1
309418	< 2	0.8	24	< 0.3	< 1	27	5	41	0.94	0.28	269	< 50	< 1	3	6.0	0.03	< 1	26	< 1	< 0.2	47.0	< 1	< 1
309419	< 2	0.4	2	0.5	3	50	5	11	2.46	0.03	673	< 50	< 1	3	< 0.5	< 0.01	< 1	37	< 1	< 0.2	43.3	< 1	< 1
309420	< 2	1.6	185	0.3	5	15	5	35	1.23	0.38	254	< 50	< 1	2	12.0	0.06	< 1	19	< 1	< 0.2	42.5	< 1	< 1
309421	< 2	0.7	73	0.5	18	55	5	38	1.20	0.09	741	< 50	< 1	3	10.0	< 0.01	< 1	49	< 1	< 0.2	42.3	< 1	< 1
309422	40	0.4	93	0.7	27	36	3	34	1.60	0.13	697	< 50	< 1	2	5.0	0.02	< 1	72	< 1	< 0.2	43.8	< 1	1
309423	10	0.5	98	< 0.3	12	26	38	221	0.08	4.36	78.0	230	1	< 2	3.0	0.29	15	74	3	0.6	22.8	3	< 1
309424	22	1.2	89	< 0.3	12	22	30	149	0.09	5.48	54.0	450	1	< 2	6.0	0.43	8	74	2	0.6	14.7	4	< 1
309425	47	0.5	121	8.6	66	63	166	1130	0.07	4.45	100	340	1	< 2	9.0	0.39	58	64	6	1.2	19.5	3	1
309426	< 2	< 0.3	18	< 0.3	< 1	6	16	38	0.02	10.8	25.0	690	3	< 2	7.0	0.11	8	110	9	1.7	3.84	7	< 1
309427	12	0.4	23	0.6	< 1	9	25	55	0.05	3.00	40.0	190	2	< 2	20.0	0.47	12	47	4	0.6	20.9	5	< 1
309428	< 2	< 0.3	24	< 0.3	1	14	32	63	< 0.01	7.17	9.0	650	2	< 2	< 0.5	1.31	14	74	3	0.9	4.56	7	< 1
309429	< 2	< 0.3	28	< 0.3	< 1	3	31	69	0.01	9.81	40.0	680	3	< 2	< 0.5	0.19	17	143	11	1.5	9.46	5	< 1
309430	< 2	0.4	15	< 0.3	2	14	28	59	0.02	7.17	8.2	780	2	< 2	12.1	1.21	5	105	< 1	0.9	6.43	8	< 1
309431	< 2	< 0.3	23	< 0.3	< 1	17	33	68	< 0.01	7.04	17.0	1010	2	< 2	< 0.5	1.30	23	104	3	1.5	7.21	13	< 1
309432	< 2	< 0.3	49	< 0.3	< 1	9	65	59	0.02	6.01	11.0	380	< 1	< 2	10.0	2.37	33	143	< 1	1.1	9.09	9	< 1
309433	< 2	< 0.3	6	< 0.3	< 1	11	19	54	< 0.01	6.40	12.0	760	1	< 2	< 0.5	1.25	13	82	6	0.7	5.90	9	< 1
309434	< 2	0.4	35	< 0.3	< 1	13	73	26	0.02	5.92	60.5	590	< 1	< 2	19.5	1.73	18	101	< 1	0.8	5.59	10	< 1
309435	5	0.5	49	< 0.3	< 1	18	95	32	0.02	5.89	45.0	470	< 1	< 2	10.0	2.28	19	89	< 1	0.6	4.81	9	< 1
309436	10	0.4	73	< 0.3	7	34	37	131	0.05	6.41	43.0	490	1	< 2	14.0	0.59	14	88	4	0.9	12.3	7	1
309437	< 2	0.6	28	< 0.3	2	14	25	36	0.02	5.97	20.0	540	1	< 2	8.0	0.94	11	85	4	0.5	6.54	10	< 1
309438	< 2	< 0.3	53	< 0.3	2	16	43	103	0.03	6.44	20.0	470	1	< 2	6.0	1.00	17	77	4	0.7	6.29	5	< 1
309439	< 2	0.4	55	< 0.3	< 1	26	53	60	0.03	6.83	33.0	320	1	< 2	9.0	0.80	16	75	2	0.6	5.76	5	< 1
309440	5	0.3	29	< 0.3	2	30	20	57	0.02	5.52	18.0	< 50	1	< 2	3.0	0.25	4	49	3	0.3	5.05	2	< 1
309441	6	0.5	30	< 0.3	2	12	27	80	0.02	6.54	6.0	290	1	< 2	4.0	1.19	8	43	1	0.3	3.07	3	< 1
309442	< 2	0.3	31	< 0.3	3	13	23	93	0.02	6.18	7.0	230	1	< 2	< 0.5	1.00	6	37	2	0.2	2.74	3	< 1
309443	< 2	< 0.3	31	< 0.3	< 1	28	49	20	0.04	6.12	3.0	310	1	< 2	12.0	1.12	6	62	2	0.4	0.98	5	< 1
309444	< 2	0.4	50	< 0.3	3	15	65	76	0.06	6.65	17.0	310	1	< 2	< 0.5	1.15	11	77	2	0.5	4.03	4	< 1
309445	2	< 0.3	14	< 0.3	< 1	6	273	56	0.02	6.27	7.0	180	< 1	< 2	9.0	2.35	26	105	< 1	0.2	3.43	3	< 1
309446	< 2	< 0.3	33	0.3	7	29	43	96	0.04	5.76	27.7	720	1	< 2	5.8	1.07	36	93	4	0.5	7.44	7	< 1
309447	2	0.4	23	< 0.3	< 1	9	113	45	0.01	7.19	5.0	310	1	< 2	4.0	1.52	17	85	2	0.5	3.25	4	< 1
309448	2	< 0.3	21	< 0.3	< 1	10	366	78	0.05	6.52	90.0	< 50	< 1	< 2	10.0	0.61	53	132	3	0.3	5.44	1	< 1
309449	< 2	0.4	9	< 0.3	< 1	< 3	25	21	0.02	7.86	1.0	< 50	2	< 2	< 0.5	0.07	4	45	2	< 0.2	0.73	3	< 1
309450	< 2	< 0.3	30	< 0.3	< 1	19	38	114	0.02	7.21	4.0	330	2	< 2	2.0	1.94	14	53	4	0.7	3.12	6	< 1
312851	4	0.6	54	< 0.3	2	13	49	131	0.01	6.68	8.0	350	1	< 2	3.0	1.32	20	58	2	0.6	4.37	5	< 1
312852	8	< 0.3	183	< 0.3	< 1	10	36	54	0.04	1.18	16.0	< 50	< 1	< 2	10.0	0.18	13	43	< 1	0.9	27.7	1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
312853	3	< 0.3	22	< 0.3	< 1	13	29	61	< 0.01	7.06	4.0	580	2	< 2	< 0.5	1.21	14	81	4	1.0	4.60	7	< 1
312854	< 2	2.2	38	< 0.3	< 1	10	38	73	0.01	6.74	6.0	650	1	< 2	4.0	1.51	25	84	5	1.1	7.00	9	< 1
312855	5	0.5	41	< 0.3	2	15	25	65	0.04	6.76	54.0	520	1	< 2	11.0	1.11	12	91	3	0.7	6.67	7	< 1
312856	< 2	0.4	26	< 0.3	1	14	22	58	0.01	6.35	9.0	470	1	< 2	< 0.5	1.32	8	60	1	0.4	5.78	6	< 1
312857	3	< 0.3	51	< 0.3	< 1	9	40	82	0.01	6.92	15.0	680	1	< 2	3.0	1.73	31	86	5	1.6	7.94	8	< 1
312858	< 2	0.4	50	< 0.3	13	14	26	130	0.03	6.02	45.0	520	1	< 2	12.0	1.16	14	71	2	1.0	10.8	6	< 1
312859	< 2	0.4	19	< 0.3	< 1	13	30	54	< 0.01	7.33	6.0	430	2	< 2	3.0	1.21	13	86	3	0.9	4.67	7	1
312860	< 2	0.3	24	< 0.3	< 1	13	32	56	< 0.01	7.28	4.0	580	2	< 2	< 0.5	1.33	13	80	5	0.9	4.27	6	< 1
312861	7	< 0.3	19	< 0.3	< 1	11	25	47	0.01	6.83	7.0	690	2	< 2	5.0	1.32	18	103	3	1.4	5.84	10	< 1
312862	< 2	0.5	16	< 0.3	< 1	11	25	46	< 0.01	6.52	6.0	640	1	< 2	< 0.5	1.17	11	87	3	1.1	4.35	8	1
312863	< 2	< 0.3	19	< 0.3	< 1	13	28	48	< 0.01	6.93	8.0	680	2	< 2	< 0.5	1.31	16	92	4	1.3	5.62	9	< 1
312864	< 2	< 0.3	36	< 0.3	3	22	25	85	0.03	6.18	58.0	700	1	< 2	9.0	1.17	20	105	3	0.8	11.1	8	< 1
312865	< 2	0.3	12	< 0.3	< 1	5	16	12	0.02	0.83	13.0	< 50	1	< 2	10.0	0.62	12	41	< 1	0.5	31.0	< 1	< 1
312868	< 2	0.4	45	< 0.3	2	17	50	109	0.04	6.03	35.0	590	1	< 2	13.0	1.58	33	103	3	1.2	9.13	7	< 1
312869	< 2	< 0.3	4	< 0.3	< 1	8	8	43	0.03	1.66	18.0	170	< 1	< 2	22.0	1.16	4	43	< 1	0.9	31.0	3	< 1
312870	< 2	< 0.3	11	< 0.3	< 1	11	22	37	< 0.01	6.77	4.0	430	1	< 2	< 0.5	1.57	9	50	2	0.7	3.09	5	< 1
312871	< 2	1.1	44	< 0.3	1	14	32	56	0.01	6.88	10.0	540	1	< 2	< 0.5	1.36	16	80	1	0.9	5.02	6	< 1
312872	< 2	0.4	34	< 0.3	< 1	14	30	70	< 0.01	6.92	7.0	550	1	< 2	6.0	1.54	18	70	< 1	0.9	4.69	8	< 1
312873	< 2	< 0.3	8	< 0.3	1	11	18	36	< 0.01	6.58	6.0	710	1	< 2	12.0	1.39	9	79	2	1.0	4.34	10	< 1
312874	< 2	< 0.3	38	0.8	2	14	53	203	0.04	6.49	8.0	430	1	< 2	16.0	1.36	15	57	3	1.0	4.69	5	< 1
312875	5	< 0.3	33	< 0.3	< 1	15	28	56	0.01	6.70	7.0	490	2	< 2	2.0	1.47	14	59	< 1	0.8	3.95	5	< 1
312876	< 2	< 0.3	13	< 0.3	< 1	20	19	35	0.01	6.40	8.0	590	1	< 2	< 0.5	1.40	12	77	2	0.8	6.19	8	< 1
312877	< 2	0.5	22	< 0.3	3	20	24	59	0.02	6.53	4.6	340	2	< 2	< 0.5	1.16	14	76	< 1	0.4	6.65	8	< 1
312878	31	1.2	104	0.7	1	14	8	29	0.10	0.25	2.0	< 50	< 1	< 2	< 0.5	8.96	15	18	< 1	0.8	15.7	< 1	< 1
312879	11	1.8	15	0.6	< 1	10	19	48	0.03	3.60	9.0	240	1	< 2	26.0	0.74	11	103	2	2.9	44.2	6	< 1
312880	15	0.5	34	< 0.3	< 1	12	19	39	0.03	5.41	5.0	540	1	< 2	14.0	1.43	15	68	1	0.9	11.0	7	< 1
312881	16	0.3	29	0.7	< 1	7	16	45	0.06	0.73	4.0	< 50	< 1	2	34.0	1.43	12	30	< 1	0.5	25.9	< 1	< 1
312882	< 2	0.4	21	< 0.3	< 1	7	29	27	0.04	1.51	14.0	< 50	2	< 2	25.0	0.50	26	79	< 1	1.0	35.1	2	< 1
312883	< 2	0.4	28	< 0.3	< 1	10	20	37	0.04	3.76	9.0	370	1	2	28.0	1.59	17	62	< 1	0.8	23.4	5	1
312884	< 2	0.5	29	< 0.3	< 1	9	35	51	0.04	1.69	13.0	< 50	1	< 2	20.0	0.48	26	58	< 1	0.9	31.1	3	< 1
312885	16	0.5	45	0.5	< 1	9	11	40	0.08	0.17	6.0	< 50	< 1	3	12.0	1.97	5	15	< 1	0.9	22.2	< 1	< 1
312886	< 2	0.6	53	< 0.3	7	24	30	89	0.03	6.68	20.0	560	2	< 2	5.0	0.71	15	80	7	0.5	9.27	6	< 1
312887	< 2	0.6	92	< 0.3	8	27	21	71	0.06	5.79	48.0	290	1	< 2	6.0	0.76	10	72	< 1	0.3	10.6	7	< 1
312888	< 2	0.4	82	< 0.3	3	16	34	72	0.03	7.00	46.0	490	1	< 2	17.0	1.05	14	85	< 1	0.7	7.15	6	< 1
312889	8	0.6	55	< 0.3	9	22	36	104	0.04	6.41	39.7	590	1	< 2	2.9	0.75	22	110	2	0.3	11.4	8	< 1
312890	7	0.6	36	0.5	4	17	15	42	0.07	2.56	681	< 50	1	< 2	< 0.5	0.19	4	47	2	0.3	18.8	3	< 1
312891	< 2	0.5	17	< 0.3	2	158	27	63	0.03	7.06	11.7	720	2	< 2	11.6	0.86	18	122	2	1.3	8.14	11	< 1
312892	< 2	0.7	155	< 0.3	< 1	14	11	61	0.58	0.46	20.0	< 50	2	2	2.0	0.03	2	34	< 1	0.4	34.9	< 1	< 1
312893	8	< 0.3	14	< 0.3	< 1	12	24	40	< 0.01	6.79	9.0	520	2	< 2	7.0	1.28	12	68	< 1	0.8	5.11	10	< 1
312894	< 2	0.7	21	< 0.3	< 1	11	26	74	0.01	6.15	39.0	620	1	< 2	< 0.5	0.94	18	83	2	0.7	8.52	12	< 1
312895	< 2	< 0.3	31	< 0.3	2	16	29	76	0.02	6.38	17.0	600	2	< 2	6.0	1.09	19	81	2	0.8	7.23	8	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
312896	< 2	< 0.3	41	< 0.3	< 1	12	29	48	0.01	6.68	10.0	510	2	< 2	7.0	1.41	15	64	3	0.8	4.47	8	< 1
312897	141	0.5	32	< 0.3	7	21	15	46	0.04	5.26	47.0	390	1	< 2	4.0	0.58	5	64	2	0.7	12.6	11	< 1
312898	7	0.6	9	< 0.3	< 1	13	25	45	< 0.01	6.50	7.0	440	2	< 2	4.0	1.50	15	77	< 1	0.7	6.14	13	< 1
312899	< 2	< 0.3	7	< 0.3	< 1	5	5	19	0.01	0.58	6.0	< 50	< 1	< 2	3.0	0.10	< 1	18	2	< 0.2	9.53	1	< 1
312900	8	0.4	30	< 0.3	< 1	18	39	108	0.02	7.64	7.0	600	2	< 2	4.0	2.16	19	62	6	0.8	3.84	8	< 1
312551	< 2	< 0.3	17	< 0.3	< 1	12	30	49	< 0.01	7.49	6.0	710	2	< 2	5.0	1.08	11	72	2	0.9	4.06	7	1
312552	< 2	0.3	23	< 0.3	< 1	13	27	47	< 0.01	7.38	5.0	540	2	< 2	1.0	1.24	13	65	3	0.7	3.59	6	3
312553	12	0.9	101	< 0.3	20	63	15	58	0.14	4.22	190	410	< 1	< 2	9.0	0.46	5	67	< 1	0.3	19.0	7	1
312554	81	< 0.3	13	0.9	< 1	6	19	12	0.04	0.61	287	< 50	1	< 2	13.0	0.33	22	24	7	0.5	24.7	< 1	< 1
312555	< 2	0.6	18	< 0.3	2	14	26	51	< 0.01	6.78	5.0	610	2	< 2	4.0	1.50	10	52	1	0.7	3.16	7	< 1
312556	< 2	0.5	25	< 0.3	< 1	13	30	52	< 0.01	6.71	6.0	540	2	< 2	2.0	1.25	12	64	3	0.8	3.93	7	< 1
312557	6	< 0.3	16	0.5	< 1	< 3	7	114	0.01	5.00	4.0	< 50	< 1	< 2	8.0	3.39	39	29	8	1.1	14.6	6	< 1
312558	< 2	0.3	52	0.3	4	16	25	70	0.05	6.15	17.0	390	1	< 2	8.0	0.89	10	74	2	0.6	9.32	8	< 1
312559	32	1.1	41	0.3	7	107	15	44	0.09	5.29	223	460	1	< 2	< 0.5	0.91	4	70	< 1	0.4	11.2	9	< 1
312560	< 2	< 0.3	11	< 0.3	1	11	23	49	< 0.01	6.10	7.0	440	1	< 2	5.0	1.35	10	66	2	0.6	4.97	7	< 1
312561	< 2	0.5	184	< 0.3	< 1	4	24	62	0.04	0.11	5.0	< 50	< 1	3	4.0	0.02	3	10	< 1	0.3	12.3	< 1	< 1
312562	< 2	< 0.3	8	< 0.3	< 1	< 3	11	19	0.03	0.37	5.0	< 50	< 1	< 2	15.0	2.18	6	18	< 1	0.3	14.7	< 1	< 1
312563	< 2	0.4	7	0.8	4	< 3	9	63	0.03	0.49	9.0	< 50	1	2	13.0	2.43	6	22	< 1	0.6	31.9	< 1	< 1
312564	< 2	0.4	23	< 0.3	< 1	11	30	59	< 0.01	5.87	6.5	560	2	< 2	< 0.5	1.13	13	73	4	0.9	4.20	7	< 1
312565	< 2	0.6	61	< 0.3	2	11	38	122	0.02	6.43	17.0	510	1	< 2	7.0	1.06	22	60	4	0.7	6.72	6	< 1
312566	< 2	0.5	70	0.3	< 1	4	25	64	0.03	5.03	7.0	280	< 1	< 2	12.0	2.61	31	37	2	1.0	12.7	9	< 1
312567	7	0.7	76	< 0.3	5	32	35	57	0.04	6.06	58.0	470	2	< 2	6.0	0.05	7	58	10	1.2	6.26	10	< 1
312568	< 2	0.4	33	< 0.3	2	12	22	46	0.02	6.20	10.0	630	1	< 2	4.0	1.26	7	61	1	0.3	5.81	6	< 1
312569	< 2	0.5	21	< 0.3	< 1	12	30	53	< 0.01	6.87	6.0	660	2	< 2	1.0	1.20	13	67	4	0.8	4.35	7	< 1
312570	4	< 0.3	139	< 0.3	< 1	17	65	108	0.01	6.18	11.0	490	1	< 2	< 0.5	1.26	31	74	< 1	1.1	5.74	5	< 1
312571	< 2	< 0.3	21	< 0.3	2	12	27	69	0.01	6.53	9.0	550	2	< 2	5.0	1.36	18	65	2	0.6	4.45	7	< 1
312572	7	< 0.3	7	< 0.3	< 1	12	14	41	0.02	5.43	6.0	570	1	< 2	1.0	1.03	8	58	3	0.6	4.87	9	< 1
312573	5	0.5	44	< 0.3	2	10	32	89	0.04	4.42	12.0	340	1	< 2	20.0	1.43	20	58	2	0.7	6.60	5	< 1
312574	< 2	0.4	9	< 0.3	< 1	12	19	35	< 0.01	6.40	6.0	530	1	< 2	3.0	1.40	8	53	2	0.6	3.26	8	< 1
312575	4	0.3	24	< 0.3	< 1	14	30	82	< 0.01	6.29	11.0	570	2	< 2	2.0	1.04	20	77	4	0.7	6.78	9	< 1
312576	< 2	0.4	17	< 0.3	< 1	21	27	44	< 0.01	6.86	8.0	680	2	< 2	3.0	1.46	13	64	2	0.8	3.60	7	2
312577	< 2	0.3	15	< 0.3	< 1	13	29	49	< 0.01	6.97	4.0	670	2	< 2	< 0.5	1.45	12	75	3	0.8	3.62	8	< 1
312578	< 2	< 0.3	23	< 0.3	1	12	27	54	< 0.01	6.50	7.0	450	2	< 2	2.0	1.51	10	65	2	0.8	4.00	6	< 1
312579	< 2	0.5	140	0.7	2	25	49	82	0.06	5.03	36.0	330	1	< 2	11.0	1.01	49	76	< 1	0.9	7.20	7	< 1
312582	< 2	< 0.3	19	< 0.3	< 1	10	26	47	0.01	6.55	7.0	550	1	< 2	4.0	1.72	10	53	3	0.7	3.24	7	< 1
312583	< 2	0.3	22	< 0.3	< 1	14	19	70	0.02	6.00	19.0	510	1	< 2	7.0	0.89	10	67	4	0.6	5.51	9	< 1
312586	< 2	0.4	138	0.8	< 1	26	174	605	0.03	6.39	131	< 50	< 1	< 2	2.0	0.07	104	178	< 1	0.8	16.9	2	< 1
312587	12	0.5	48	< 0.3	3	23	35	100	0.02	6.35	23.0	550	2	< 2	4.0	0.44	17	82	5	0.8	7.75	6	< 1
312588	< 2	0.3	26	< 0.3	2	8	18	69	0.02	7.48	10.0	500	2	< 2	< 0.5	0.50	7	88	7	0.7	5.84	5	< 1
312590	< 2	< 0.3	48	0.4	1	15	43	105	< 0.01	6.36	15.0	520	2	< 2	1.0	1.09	19	60	4	0.9	5.55	6	< 1
312591	< 2	0.4	32	< 0.3	< 1	15	34	105	0.01	6.41	12.0	470	1	< 2	6.0	1.58	22	85	5	0.8	6.45	7	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
312592	< 2	< 0.3	12	< 0.3	< 1	28	15	46	0.01	6.01	9.0	640	1	< 2	2.0	1.14	8	59	4	0.6	4.45	10	< 1
312593	< 2	0.4	40	0.3	3	17	32	155	0.02	5.62	33.0	600	1	< 2	6.0	0.80	16	71	6	0.7	7.77	8	< 1
312594	< 2	0.4	43	0.4	< 1	17	61	195	0.01	6.93	8.0	430	2	< 2	4.0	1.44	9	100	5	1.1	5.17	5	< 1
312595	< 2	0.6	6	< 0.3	< 1	15	17	41	< 0.01	6.42	6.0	610	1	< 2	7.0	1.09	4	50	2	0.7	3.94	8	< 1
312596	< 2	0.4	27	< 0.3	2	16	34	63	< 0.01	7.08	3.0	530	2	< 2	< 0.5	1.34	13	65	3	0.7	3.91	7	< 1
312597	< 2	0.6	11	< 0.3	< 1	14	15	42	0.01	6.26	8.0	390	1	< 2	13.0	0.91	4	79	< 1	< 0.2	5.56	9	< 1
312598	< 2	0.4	20	< 0.3	< 1	16	21	63	0.02	6.75	8.0	450	2	< 2	20.0	0.85	6	59	1	1.1	4.51	9	< 1
312599	< 2	0.4	76	< 0.3	< 1	34	60	83	0.01	7.35	13.0	500	2	< 2	3.0	0.62	25	85	6	1.6	5.31	7	1
312600	< 2	0.4	31	< 0.3	< 1	16	39	125	0.02	7.20	5.0	450	2	< 2	< 0.5	2.08	18	61	5	0.9	3.64	7	< 1
309851	< 2	< 0.3	12	< 0.3	< 1	6	84	50	< 0.01	6.25	10.0	280	< 1	< 2	< 0.5	1.52	18	93	2	< 0.2	4.81	4	< 1
309852	19	1.8	58	< 0.3	17	16	22	118	0.06	5.89	112	470	1	< 2	16.0	0.76	2	74	< 1	0.2	11.7	5	< 1
309853	12	1.1	63	< 0.3	18	23	46	191	0.05	5.73	106	450	1	< 2	< 0.5	0.87	< 1	69	3	0.6	10.4	5	< 1
309854	< 2	< 0.3	10	0.5	< 1	3	20	34	0.05	0.79	3.0	< 50	1	< 2	13.0	1.65	4	35	< 1	0.7	26.7	1	< 1
309855	< 2	< 0.3	24	< 0.3	< 1	13	27	71	< 0.01	6.09	9.0	470	1	< 2	< 0.5	1.40	8	57	< 1	0.9	4.54	5	< 1
309856	< 2	0.4	7	< 0.3	< 1	5	21	36	0.01	3.99	17.0	370	1	< 2	8.0	0.79	7	104	2	0.9	5.14	6	< 1
309857	< 2	< 0.3	8	< 0.3	< 1	14	25	45	0.01	6.61	8.0	490	1	< 2	7.0	1.32	12	72	3	0.6	5.10	6	< 1
309858	< 2	0.4	94	< 0.3	< 1	10	28	45	0.02	6.35	97.0	460	1	< 2	22.0	1.59	15	67	< 1	0.9	4.61	7	< 1
309859	< 2	0.4	10	< 0.3	< 1	13	17	35	0.02	6.07	11.4	890	1	< 2	< 0.5	1.16	8	102	5	0.4	4.89	13	< 1
309860	8	< 0.3	70	< 0.3	< 1	11	43	98	0.01	6.43	23.0	450	1	< 2	8.0	1.07	24	86	4	0.9	5.80	5	< 1
309861	18	1.0	37	< 0.3	41	< 3	24	33	0.09	5.17	7.0	280	2	< 2	< 0.5	0.07	< 1	70	5	1.8	19.8	6	< 1
309862	< 2	< 0.3	58	< 0.3	< 1	10	16	43	0.03	5.88	15.0	490	1	< 2	10.0	0.81	7	70	4	< 0.2	6.84	6	< 1
309863	< 2	2.7	49	< 0.3	2	17	40	141	0.03	6.52	29.5	860	2	< 2	2.7	0.58	24	94	7	0.4	7.82	7	< 1
309864	8	0.7	9	< 0.3	< 1	12	18	45	< 0.01	5.88	7.0	400	1	< 2	2.0	1.06	7	76	4	0.6	6.94	10	< 1
309865	< 2	0.5	16	< 0.3	< 1	13	29	49	< 0.01	6.96	5.0	660	1	< 2	< 0.5	1.60	6	80	2	0.8	3.54	7	< 1
309866	< 2	0.5	11	< 0.3	< 1	13	11	29	< 0.01	6.04	8.0	450	1	< 2	< 0.5	0.85	2	60	6	0.6	3.23	9	< 1
309867	< 2	0.8	27	< 0.3	2	10	18	57	0.03	5.12	16.0	390	1	< 2	7.0	0.89	5	66	2	0.6	7.27	9	< 1
309868	9	< 0.3	47	< 0.3	2	8	19	32	0.02	4.69	12.0	450	< 1	< 2	2.0	0.96	3	54	< 1	0.8	6.50	9	< 1
309869	< 2	0.7	165	0.7	3	10	16	77	0.37	0.82	34.0	< 50	< 1	< 2	28.0	0.09	3	55	< 1	0.9	42.6	1	< 1
309870	< 2	0.5	73	< 0.3	1	7	52	110	0.02	6.40	10.0	230	< 1	< 2	8.0	1.58	39	116	4	0.6	7.64	5	< 1
309871	< 2	0.5	10	< 0.3	< 1	12	17	38	< 0.01	6.14	4.0	510	1	< 2	1.0	1.30	4	61	2	0.6	4.54	7	< 1
309872	< 2	< 0.3	11	< 0.3	1	13	18	53	0.01	6.39	4.0	430	1	< 2	7.0	1.21	7	56	3	0.6	4.50	6	< 1
309873	< 2	0.5	18	< 0.3	1	18	33	53	0.01	6.48	7.0	450	1	< 2	< 0.5	1.63	6	85	7	0.6	5.42	6	< 1
309874	< 2	0.3	66	< 0.3	< 1	10	53	88	0.02	6.90	18.0	370	2	< 2	3.0	1.23	20	85	5	0.8	5.86	5	4
309875	6	0.4	62	0.4	3	9	50	105	0.02	6.33	17.0	290	2	< 2	7.0	1.22	31	97	4	0.6	10.4	4	< 1
309876	< 2	0.5	30	< 0.3	5	28	35	93	0.02	6.95	13.0	540	2	< 2	5.0	0.62	17	80	6	0.6	6.51	7	< 1
309877	7	0.5	5	< 0.3	< 1	13	18	40	< 0.01	6.22	7.0	510	1	< 2	2.0	1.20	7	56	3	0.7	3.84	8	< 1
309878	< 2	< 0.3	7	< 0.3	< 1	< 3	24	16	0.04	0.44	14.0	< 50	2	4	10.0	1.51	6	17	< 1	0.5	17.8	< 1	< 1
309879	< 2	0.5	28	< 0.3	< 1	11	21	41	0.02	6.14	9.0	490	1	< 2	10.0	0.99	10	72	3	0.5	6.32	6	< 1
309880	< 2	0.4	10	< 0.3	< 1	13	21	48	0.01	6.20	5.8	660	1	< 2	< 0.5	1.16	10	76	2	0.3	5.98	8	< 1
309881	< 2	< 0.3	55	< 0.3	< 1	10	44	37	0.02	5.95	9.0	410	< 1	< 2	17.0	1.55	6	98	< 1	0.7	6.67	7	1
309882	6	< 0.3	51	< 0.3	< 1	9	38	75	0.02	6.01	18.0	600	1	< 2	2.0	1.88	16	76	< 1	0.5	4.02	5	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
309883	< 2	0.3	20	< 0.3	< 1	11	33	65	0.02	6.76	7.0	490	2	< 2	4.0	1.37	15	88	4	1.1	5.18	6	< 1
309884	< 2	0.3	25	< 0.3	< 1	12	32	54	0.01	6.87	4.0	610	2	< 2	5.0	1.40	7	86	2	1.1	4.59	6	< 1
309885	< 2	0.3	28	< 0.3	< 1	10	31	38	0.01	6.31	8.0	470	1	< 2	2.0	1.79	6	64	2	0.6	3.23	5	< 1
309886	6	0.8	40	< 0.3	< 1	6	124	35	< 0.01	4.98	3.0	320	< 1	< 2	2.0	2.97	23	117	2	1.0	5.75	18	< 1
309887	< 2	< 0.3	49	< 0.3	< 1	9	21	32	0.01	5.81	11.0	420	1	< 2	14.0	1.07	9	76	3	0.7	5.76	10	< 1
309888	< 2	< 0.3	27	< 0.3	< 1	14	34	74	0.02	6.55	6.5	520	2	< 2	< 0.5	1.46	16	72	< 1	1.0	4.22	6	< 1
309889	< 2	0.3	36	< 0.3	< 1	12	30	53	< 0.01	6.57	9.0	490	1	< 2	< 0.5	1.39	17	66	2	1.0	4.41	6	< 1
309890	< 2	< 0.3	38	< 0.3	3	10	65	96	0.04	6.77	16.0	810	2	< 2	25.0	1.06	27	120	6	1.1	10.7	3	< 1
309891	< 2	< 0.3	24	< 0.3	< 1	11	37	78	0.02	6.91	8.0	680	2	< 2	3.0	1.24	13	84	3	1.1	4.71	5	< 1
309892	< 2	0.4	22	< 0.3	< 1	13	35	77	0.01	6.95	5.0	590	2	< 2	< 0.5	1.36	14	84	3	1.0	4.02	5	1
309893	< 2	< 0.3	45	< 0.3	< 1	11	21	31	0.02	5.57	6.0	400	1	< 2	3.0	1.17	4	67	2	0.6	4.17	7	< 1
309894	< 2	0.6	20	< 0.3	1	12	27	48	0.01	6.59	5.0	600	2	< 2	< 0.5	1.52	11	73	2	1.1	4.05	8	< 1
309895	< 2	< 0.3	12	0.6	< 1	< 3	9	27	0.04	0.48	9.0	< 50	< 1	2	22.0	0.89	4	20	< 1	0.6	30.4	< 1	< 1
309896	< 2	0.5	22	< 0.3	< 1	12	25	50	< 0.01	5.91	5.0	470	1	< 2	8.0	1.35	9	72	< 1	0.8	3.63	5	< 1
309897	79	3.5	98	0.6	24	260	24	126	0.17	3.73	323	510	1	3	20.0	1.37	27	77	< 1	0.6	17.5	5	9
309898	< 2	< 0.3	194	0.4	< 1	< 3	90	181	0.02	7.66	4.0	500	< 1	< 2	< 0.5	0.10	62	146	< 1	0.7	13.3	3	< 1
309899	< 2	0.5	10	< 0.3	< 1	12	22	54	0.01	6.43	5.0	560	2	< 2	3.0	1.34	14	70	2	0.9	5.01	8	< 1
309900	4	0.4	30	< 0.3	1	17	37	115	0.02	7.08	5.0	500	2	< 2	2.0	2.10	21	69	8	1.2	4.29	7	< 1
312701	10	< 0.3	29	< 0.3	1	13	34	64	< 0.01	6.94	6.0	680	2	< 2	< 0.5	1.40	16	87	2	1.1	4.80	5	< 1
312702	< 2	0.4	42	< 0.3	< 1	54	42	62	0.01	6.90	6.0	590	2	< 2	< 0.5	1.29	14	76	4	0.7	4.53	6	< 1
312703	4	0.4	29	< 0.3	< 1	14	37	64	< 0.01	7.02	6.0	550	2	< 2	< 0.5	1.32	16	82	2	0.9	4.41	5	< 1
312704	< 2	0.6	26	< 0.3	< 1	12	33	63	< 0.01	7.20	6.0	550	2	< 2	< 0.5	1.39	13	80	3	1.4	4.42	5	< 1
312705	< 2	0.5	15	< 0.3	< 1	11	26	45	< 0.01	6.96	6.0	490	2	< 2	5.0	1.39	14	64	2	0.8	4.23	7	< 1
312706	< 2	0.3	25	< 0.3	< 1	14	35	49	< 0.01	6.88	4.0	560	2	< 2	4.0	1.13	16	82	2	0.8	4.29	6	< 1
312707	< 2	0.5	19	< 0.3	< 1	10	28	52	< 0.01	6.32	6.0	600	2	< 2	2.0	1.43	5	72	< 1	0.8	4.63	7	< 1
312708	< 2	0.3	16	< 0.3	< 1	12	26	47	< 0.01	6.59	4.0	490	2	< 2	< 0.5	1.40	5	54	< 1	0.9	3.69	7	< 1
312709	< 2	< 0.3	18	< 0.3	< 1	12	24	45	< 0.01	6.62	6.0	640	2	< 2	< 0.5	1.48	12	61	< 1	1.1	3.97	8	< 1
312710	< 2	0.4	11	< 0.3	< 1	11	16	34	< 0.01	6.40	4.0	450	1	< 2	< 0.5	1.58	8	42	< 1	0.8	3.43	6	< 1
312711	< 2	< 0.3	56	< 0.3	< 1	12	44	78	0.27	6.92	9.0	650	2	< 2	14.0	0.78	15	99	7	0.9	3.72	3	< 1
312712	< 2	0.3	32	< 0.3	< 1	11	45	90	0.02	7.03	10.0	650	2	< 2	< 0.5	1.12	21	103	5	1.1	5.75	4	< 1
312713	< 2	0.4	27	< 0.3	< 1	13	40	77	0.02	7.22	8.0	570	2	< 2	< 0.5	1.29	15	94	5	1.2	5.12	5	< 1
312714	< 2	0.5	24	< 0.3	< 1	13	34	64	0.03	7.07	5.0	680	2	< 2	< 0.5	1.30	15	89	5	0.9	4.13	5	< 1
312715	7	0.4	39	< 0.3	< 1	12	34	63	0.02	6.96	9.0	550	2	< 2	2.0	1.40	13	82	4	1.0	4.65	7	1
312716	< 2	< 0.3	20	< 0.3	< 1	12	32	63	0.01	6.80	7.0	610	2	< 2	< 0.5	1.34	15	79	2	0.9	4.33	5	< 1
312717	< 2	0.4	222	0.6	2	30	28	26	0.14	0.99	5.0	< 50	< 1	< 2	2.0	0.13	35	29	< 1	0.2	24.4	1	< 1
312718	5	0.6	56	< 0.3	5	20	21	69	0.03	6.10	27.0	420	1	< 2	< 0.5	1.11	7	62	< 1	0.7	7.09	5	< 1
312719	10	1.2	26	< 0.3	13	45	15	64	0.06	5.71	82.0	450	1	< 2	9.0	0.63	5	70	3	0.5	12.4	8	1
312720	< 2	0.4	35	< 0.3	1	15	32	62	0.01	6.75	9.5	590	2	< 2	< 0.5	1.19	11	76	3	0.8	4.70	6	< 1
312721	< 2	0.5	26	< 0.3	< 1	13	33	60	< 0.01	6.91	7.0	550	2	< 2	< 0.5	1.33	14	79	3	1.0	4.62	5	< 1
312722	41	2.8	26	0.4	63	222	16	86	0.09	2.15	195	< 50	< 1	< 2	9.0	0.20	3	49	< 1	1.0	19.3	2	6
312723	< 2	0.5	53	< 0.3	4	20	36	64	0.03	6.28	44.0	370	1	< 2	8.0	0.80	7	97	6	0.5	10.3	6	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
312724	< 2	0.4	23	< 0.3	< 1	11	30	52	< 0.01	6.98	6.0	570	2	< 2	2.0	1.27	12	79	3	1.0	4.78	7	< 1
312725	< 2	0.5	48	< 0.3	2	12	41	102	0.02	6.76	23.0	550	1	< 2	3.0	1.35	10	80	3	0.9	5.87	6	< 1
312726	20	0.4	49	0.5	3	20	47	139	0.02	6.88	28.0	500	2	< 2	7.0	0.87	26	92	2	1.1	7.10	7	1
312727	< 2	0.4	21	< 0.3	2	12	29	49	< 0.01	6.78	7.0	500	2	< 2	< 0.5	1.17	14	75	3	0.8	4.14	5	< 1
312951	< 2	0.6	276	0.6	2	7	9	40	0.54	2.19	6.7	150	< 1	< 2	< 0.5	0.41	2	52	< 1	< 0.2	30.0	5	< 1
312952	21	1.0	354	0.6	1	31	6	43	0.78	0.62	67.0	< 50	< 1	3	26.0	0.09	< 1	49	< 1	< 0.2	47.8	4	< 1
312953	< 2	0.4	68	< 0.3	8	11	32	49	0.09	5.65	19.0	320	< 1	< 2	47.0	2.59	14	94	< 1	0.7	7.94	7	< 1
312954	< 2	0.5	13	1.0	< 1	6	21	43	0.06	1.30	43.0	270	3	< 2	21.0	0.49	17	32	20	1.4	29.8	1	1
312955	< 2	0.5	21	< 0.3	2	5	32	98	0.03	5.57	10.0	480	2	< 2	9.0	0.67	7	77	12	1.0	9.14	4	< 1
312956	< 2	0.5	195	0.4	1	9	85	85	0.06	6.72	74.0	470	1	< 2	8.4	1.16	38	112	1	0.9	5.96	8	< 1
312957	< 2	1.5	60	0.7	2	11	56	217	0.03	5.55	25.0	430	2	< 2	< 0.5	1.11	19	61	3	1.1	12.5	4	< 1
312958	14	0.6	46	0.3	3	15	34	144	0.02	6.45	18.0	500	1	< 2	< 0.5	1.29	12	66	2	0.7	5.67	5	< 1
312959	< 2	0.4	17	< 0.3	7	7	19	93	0.01	5.11	25.0	370	1	< 2	4.0	0.68	11	78	10	0.3	7.62	4	< 1
312960	7	< 0.3	18	< 0.3	1	13	29	52	0.02	6.67	10.0	530	2	< 2	11.0	1.22	12	76	4	0.8	4.78	6	< 1
312961	6	0.8	68	< 0.3	17	7	12	38	0.80	4.03	9.0	100	1	< 2	20.0	0.42	9	59	3	0.7	14.2	6	< 1
312962	7	0.5	24	< 0.3	< 1	12	23	87	0.02	5.74	19.0	350	1	< 2	< 0.5	1.01	11	66	5	0.6	6.78	7	< 1
312963	< 2	0.4	60	< 0.3	4	12	29	96	0.04	5.81	26.0	300	1	< 2	21.0	0.91	14	92	< 1	0.5	10.4	5	< 1
312964	< 2	< 0.3	10	0.3	< 1	< 3	8	10	0.04	1.38	12.0	< 50	1	< 2	13.0	0.33	8	30	3	0.4	20.0	1	< 1
312965	10	< 0.3	166	0.5	1	5	90	133	0.05	5.79	20.0	< 50	< 1	2	25.0	2.53	47	158	< 1	0.6	11.8	3	< 1
312966	9	< 0.3	148	< 0.3	1	4	69	79	0.04	6.39	20.0	< 50	< 1	< 2	19.0	3.80	42	164	3	0.9	10.0	4	< 1
312967	9	< 0.3	24	< 0.3	< 1	11	25	32	0.01	6.38	8.0	490	1	< 2	5.0	1.21	10	70	< 1	0.7	3.70	7	< 1
312968	5	0.3	15	< 0.3	1	12	23	62	< 0.01	5.60	7.0	630	1	< 2	5.0	0.93	6	65	4	0.8	4.00	5	< 1
312969	< 2	0.4	34	< 0.3	< 1	10	34	36	0.01	6.23	13.0	430	1	< 2	4.0	1.21	13	69	< 1	0.6	4.82	6	< 1
311751	426	< 0.3	42	1.0	1	14	47	60	0.04	0.66	428	< 50	< 1	< 2	18.0	0.65	14	21	< 1	0.7	26.6	< 1	< 1
311752	< 2	< 0.3	15	< 0.3	< 1	15	16	43	0.01	6.42	6.0	580	1	< 2	6.0	1.17	4	53	2	0.8	3.42	8	< 1
311753	< 2	0.4	52	< 0.3	< 1	12	22	43	0.04	6.26	7.0	450	1	< 2	10.0	1.22	7	58	2	0.9	4.57	7	< 1
311754	< 2	0.6	24	< 0.3	< 1	21	24	57	0.12	5.66	10.0	550	1	< 2	< 0.5	0.91	9	86	4	0.6	6.79	7	< 1
311755	< 2	0.6	33	< 0.3	< 1	13	24	52	0.13	5.43	11.5	570	1	< 2	11.5	0.97	5	75	4	0.6	8.77	8	< 1
311756	22	3.4	57	0.4	72	38	8	135	0.11	6.63	252	150	2	< 2	10.0	0.06	< 1	108	< 1	1.8	14.0	4	4
311757	150	0.5	37	0.6	1	< 3	16	42	0.05	1.16	122	< 50	1	2	13.0	0.35	9	29	5	0.4	25.9	1	< 1
311758	< 2	0.3	46	0.6	1	8	29	66	0.06	2.71	23.0	< 50	2	< 2	14.0	0.82	17	60	13	0.7	18.6	1	< 1
311759	13	0.5	103	< 0.3	4	17	39	78	0.14	5.82	28.0	520	1	< 2	14.0	0.95	13	95	< 1	0.6	11.0	4	< 1
311760	< 2	0.9	102	< 0.3	2	13	40	66	0.05	4.94	15.0	210	< 1	< 2	12.0	0.92	11	82	3	< 0.2	6.91	4	< 1
311761	6	0.5	164	0.3	3	11	52	68	0.05	5.57	42.0	< 50	< 1	< 2	3.0	1.02	27	95	2	0.4	11.1	3	< 1
311762	13	0.7	50	0.4	17	9	25	68	0.06	6.24	22.0	210	2	< 2	11.0	0.13	7	65	2	1.2	12.7	7	< 1
311763	< 2	0.6	210	0.8	8	18	13	116	0.33	4.19	44.0	< 50	1	< 2	< 0.5	0.19	3	73	< 1	0.4	24.0	3	< 1
311764	< 2	0.4	62	0.4	< 1	< 3	11	42	1.00	0.93	17.0	< 50	< 1	< 2	22.0	0.15	< 1	48	< 1	0.2	35.4	< 1	< 1
311765	50	4.6	77	0.5	56	54	14	137	0.26	2.42	192	< 50	< 1	2	12.0	0.08	3	68	< 1	0.2	30.8	2	< 1
311766	24	4.1	279	0.7	21	69	35	168	0.09	4.77	115	260	< 1	< 2	31.0	0.38	10	81	2	1.1	15.7	4	< 1
311767	26	1.9	92	0.4	23	119	16	117	0.49	3.40	91.0	260	< 1	< 2	9.0	0.48	3	66	< 1	0.2	16.7	5	< 1
311768	25	1.9	72	< 0.3	16	27	24	103	0.08	6.16	73.0	190	1	< 2	15.0	0.61	< 1	71	3	0.3	12.4	6	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
311769	102	1.1	149	0.8	10	76	56	213	0.05	5.07	131	150	< 1	< 2	5.0	0.43	24	118	< 1	0.5	13.0	4	< 1
311770	< 2	0.7	386	1.0	< 1	16	148	281	0.03	5.78	63.0	< 50	< 1	< 2	7.0	0.13	84	135	< 1	1.2	13.1	2	< 1
311771	6	1.0	97	< 0.3	8	45	47	192	0.03	5.05	92.0	410	< 1	< 2	9.0	0.76	9	80	< 1	0.5	9.61	5	< 1
311772	8	< 0.3	133	< 0.3	3	27	77	171	0.03	6.32	74.0	180	< 1	< 2	15.0	1.06	22	117	< 1	0.4	9.05	4	< 1
311773	< 2	< 0.3	36	< 0.3	< 1	4	100	97	0.01	7.34	17.0	< 50	< 1	< 2	2.0	1.01	40	140	< 1	0.4	9.07	3	< 1
311774	< 2	0.4	96	0.5	< 1	171	54	124	0.02	6.48	22.0	190	1	< 2	10.0	1.47	17	105	< 1	0.4	7.29	3	< 1
311775	< 2	0.4	159	0.3	4	28	56	214	0.06	5.62	70.0	< 50	1	< 2	9.0	0.67	22	92	< 1	0.8	14.5	2	< 1
311776	< 2	0.4	66	0.4	1	11	46	163	0.03	6.16	29.0	310	1	< 2	7.0	0.88	24	89	< 1	0.4	8.91	4	< 1
311777	< 2	0.4	68	< 0.3	3	14	52	137	0.03	6.51	25.0	370	1	< 2	< 0.5	1.07	27	79	4	0.8	8.56	5	< 1
311778	< 2	0.3	194	< 0.3	2	9	99	74	0.04	7.32	2.0	< 50	< 1	< 2	< 0.5	0.12	44	153	< 1	0.5	9.93	3	< 1
311779	9	0.9	127	< 0.3	19	18	23	116	0.06	7.23	95.0	240	1	< 2	3.0	0.28	5	124	2	1.0	13.3	4	< 1
311780	54	2.0	149	0.9	18	56	37	350	0.13	4.82	170	190	< 1	< 2	9.0	0.41	20	86	< 1	0.6	16.8	4	< 1
311781	85	1.7	225	4.5	62	19	68	1130	0.09	2.30	265	< 50	1	< 2	13.0	0.21	30	50	< 1	0.6	18.0	2	< 1
311782	< 2	2.6	442	1.3	< 1	19	151	426	0.03	6.05	19.0	< 50	< 1	< 2	9.0	0.06	77	162	< 1	1.4	14.3	2	< 1
311783	46	11.9	769	4.3	5	478	263	161	0.11	4.70	36.0	< 50	1	< 2	59.0	1.20	49	66	< 1	3.2	10.5	8	2
311784	< 2	0.5	207	< 0.3	< 1	5	109	125	0.04	6.16	14.0	< 50	< 1	< 2	19.0	3.29	45	160	2	0.5	10.7	3	< 1
311785	< 2	0.7	66	< 0.3	3	19	43	86	0.04	6.22	10.6	600	2	< 2	7.7	1.23	41	94	4	1.4	7.75	11	< 1
311786	< 2	0.5	40	< 0.3	< 1	14	42	86	0.01	6.73	6.0	430	2	< 2	3.0	1.63	14	72	2	1.0	5.35	8	1
311787	< 2	0.4	40	< 0.3	< 1	14	37	58	< 0.01	7.71	8.0	470	2	< 2	< 0.5	1.19	14	79	2	0.9	3.98	5	< 1
311788	< 2	0.5	28	< 0.3	< 1	17	33	53	0.01	7.06	10.0	510	2	< 2	10.5	1.15	14	69	4	0.9	4.03	7	< 1
311789	< 2	0.3	46	< 0.3	< 1	17	37	44	0.02	6.61	9.0	490	2	< 2	11.0	1.23	15	57	3	0.9	4.35	5	< 1
311790	< 2	0.5	21	< 0.3	< 1	12	30	59	< 0.01	6.16	7.0	470	2	< 2	< 0.5	1.42	12	72	4	0.9	3.66	6	< 1
311791	< 2	0.4	32	< 0.3	< 1	13	35	56	< 0.01	6.79	8.0	610	2	< 2	< 0.5	1.29	10	76	3	0.9	4.34	5	< 1
311792	< 2	0.8	31	< 0.3	2	20	17	42	0.02	6.60	6.0	340	1	< 2	9.0	0.94	6	55	2	0.7	4.78	6	< 1
311793	< 2	< 0.3	33	< 0.3	< 1	15	36	52	0.02	6.56	7.0	500	2	< 2	8.0	1.64	11	70	3	0.9	3.49	6	< 1
311794	9	1.4	130	< 0.3	5	20	51	222	0.05	6.16	47.0	280	1	< 2	9.0	0.69	13	98	< 1	0.3	11.6	4	< 1
311795	< 2	< 0.3	434	1.3	< 1	16	276	1300	0.03	5.70	35.0	< 50	1	< 2	11.0	0.09	104	133	< 1	1.3	15.3	2	< 1
311796	< 2	0.6	84	0.7	< 1	< 3	7	118	1.46	0.24	4.1	< 50	< 1	3	2.5	0.03	< 1	32	< 1	< 0.2	43.0	< 1	< 1
311797	< 2	0.4	30	< 0.3	< 1	14	37	80	0.02	7.40	8.0	510	2	< 2	< 0.5	1.15	10	87	5	0.8	4.50	5	< 1
311798	< 2	0.6	74	< 0.3	< 1	16	30	60	0.03	7.02	7.0	510	1	< 2	7.0	1.19	10	78	2	0.3	4.64	6	< 1
311799	< 2	< 0.3	16	< 0.3	< 1	12	29	51	< 0.01	6.96	5.0	520	2	< 2	6.0	1.24	13	68	2	0.8	3.78	6	< 1
311800	4	0.4	34	< 0.3	< 1	16	41	117	0.02	7.27	8.0	490	2	< 2	2.0	2.10	21	65	5	1.1	3.89	7	< 1
311801	15	< 0.3	51	0.8	< 1	4	20	61	0.04	2.74	9.0	230	2	< 2	15.0	0.47	13	42	36	1.2	23.9	2	< 1
311802	6	< 0.3	48	< 0.3	< 1	16	40	71	0.02	6.84	18.0	410	2	< 2	5.0	0.88	23	100	6	0.5	7.36	5	< 1
311803	< 2	< 0.3	9	< 0.3	2	13	13	26	< 0.01	5.79	6.0	430	1	< 2	< 0.5	0.05	7	37	4	0.9	3.16	13	< 1
311804	4	0.4	26	< 0.3	< 1	12	33	60	< 0.01	6.65	7.0	600	2	< 2	< 0.5	1.32	15	72	3	0.8	4.94	7	< 1
311805	< 2	0.4	34	< 0.3	< 1	12	35	59	0.03	7.04	10.0	560	2	< 2	6.0	1.47	16	80	2	0.7	3.57	6	< 1
311806	41	0.4	38	< 0.3	1	16	27	66	0.02	5.61	8.0	430	2	< 2	5.0	1.00	15	62	4	0.6	6.41	4	< 1
311807	< 2	0.5	58	< 0.3	1	43	36	94	0.01	4.49	8.0	320	2	< 2	< 0.5	0.51	14	50	6	0.8	8.64	3	< 1
311808	< 2	0.8	38	< 0.3	2	6	9	98	0.38	4.41	5.0	240	1	< 2	3.0	0.04	5	44	7	0.8	12.5	3	< 1
311809	23	< 0.3	13	< 0.3	1	57	10	30	0.02	1.53	12.0	< 50	< 1	< 2	< 0.5	0.08	6	28	8	< 0.2	13.1	1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
311810	< 2	< 0.3	89	0.3	< 1	9	27	36	0.03	2.00	7.0	140	< 1	< 2	16.0	0.77	18	32	7	0.5	13.7	< 1	< 1
311811	< 2	< 0.3	64	< 0.3	< 1	5	23	38	0.02	4.80	105	< 50	< 1	< 2	8.0	3.09	13	137	< 1	0.6	8.74	6	< 1
311812	117	0.7	180	0.4	< 1	249	32	114	0.04	3.36	4.0	110	1	< 2	< 0.5	0.03	13	49	10	0.5	17.5	1	< 1
311813	9	0.4	16	< 0.3	< 1	5	23	88	0.01	4.42	5.0	150	1	< 2	4.0	0.52	14	55	5	0.5	10.4	3	< 1
311814	< 2	0.4	79	< 0.3	< 1	62	40	146	0.09	4.29	3.0	260	2	< 2	7.0	0.32	15	55	10	0.9	14.1	2	< 1
311815	< 2	0.3	98	0.4	< 1	13	36	58	0.03	3.64	9.0	< 50	3	< 2	< 0.5	0.10	13	57	9	0.7	19.8	2	< 1
311816	6	< 0.3	25	< 0.3	< 1	9	27	29	0.04	6.36	12.0	370	1	< 2	37.0	1.53	9	98	< 1	0.5	4.04	4	< 1
311817	< 2	< 0.3	26	< 0.3	< 1	11	22	34	0.03	6.46	13.0	510	1	< 2	12.0	1.44	9	64	< 1	0.5	4.02	5	< 1
311818	< 2	0.6	43	< 0.3	< 1	13	21	34	0.02	5.19	39.0	440	1	< 2	15.5	1.35	9	71	< 1	0.6	3.91	8	< 1
311819	7	0.4	25	< 0.3	< 1	13	16	27	0.01	6.42	8.0	410	1	< 2	3.0	0.74	6	74	1	0.3	3.69	6	< 1
311820	< 2	0.4	62	0.3	< 1	19	486	85	0.01	4.66	287	< 50	< 1	< 2	< 0.5	0.30	35	1210	< 1	0.9	10.6	5	< 1
311821	18	2.1	50	< 0.3	57	21	8	98	0.17	6.33	122	310	3	< 2	7.0	0.03	< 1	45	4	1.2	14.5	13	3
311822	< 2	0.8	96	< 0.3	18	41	8	57	0.14	6.02	55.0	370	2	< 2	17.0	0.35	2	49	3	1.7	11.2	13	< 1
311823	4	< 0.3	197	0.6	2	9	9	56	0.67	2.71	25.0	110	< 1	< 2	19.0	0.37	3	53	< 1	0.5	27.0	3	< 1
311824	39	1.9	19	< 0.3	51	190	4	204	0.18	9.22	212	440	3	< 2	10.0	0.05	< 1	80	4	1.4	11.4	11	2
311825	< 2	0.8	103	0.5	82	147	4	70	0.48	5.70	412	220	1	< 2	< 0.5	0.05	< 1	129	< 1	< 0.2	19.7	3	< 1
311826	20	4.7	49	< 0.3	46	120	4	456	0.21	6.31	10.0	370	2	3	5.0	0.02	< 1	128	< 1	0.9	19.3	8	7
311827	< 2	0.5	28	0.7	< 1	< 3	24	37	0.03	0.87	34.0	< 50	< 1	< 2	16.0	0.43	10	26	< 1	0.9	27.4	< 1	< 1
311828	< 2	0.4	9	< 0.3	< 1	12	19	37	< 0.01	6.43	5.0	420	1	< 2	< 0.5	1.35	8	57	2	0.7	1.97	8	< 1
311830	< 2	0.5	8	< 0.3	< 1	6	41	45	0.01	5.82	7.0	330	< 1	< 2	< 0.5	2.32	23	66	1	0.6	2.92	6	< 1
311831	< 2	0.6	12	< 0.3	< 1	9	37	32	0.02	5.71	86.0	430	< 1	< 2	4.0	2.45	10	174	< 1	0.6	4.29	9	< 1
311832	72	0.4	43	< 0.3	< 1	11	16	37	0.02	4.39	29.0	370	< 1	< 2	2.0	1.22	9	55	5	0.5	4.95	7	< 1
311833	< 2	0.4	52	< 0.3	2	16	23	147	0.14	4.49	7.0	300	2	< 2	7.0	0.48	11	57	14	0.9	6.01	2	< 1
311834	< 2	0.3	36	< 0.3	1	9	26	38	0.03	5.99	41.0	490	1	< 2	25.0	1.02	11	129	< 1	0.4	6.67	7	< 1
311835	< 2	0.5	20	< 0.3	< 1	10	26	41	0.02	5.75	45.0	520	< 1	< 2	10.0	1.38	9	114	< 1	0.7	5.39	9	< 1
311836	< 2	0.7	25	< 0.3	< 1	9	19	29	0.02	5.48	11.0	540	< 1	< 2	11.0	1.24	7	63	< 1	0.5	4.47	10	< 1
311837	< 2	0.4	34	< 0.3	< 1	11	25	42	0.02	6.15	7.0	460	1	< 2	8.0	1.45	10	56	1	0.9	5.41	8	< 1
311838	6	0.3	52	< 0.3	< 1	8	14	36	0.03	4.13	6.0	440	< 1	2	6.0	0.80	5	35	3	0.4	8.14	4	< 1
311839	5	0.4	55	< 0.3	< 1	12	21	34	0.02	6.01	6.0	550	1	< 2	17.0	1.43	9	50	< 1	0.6	4.40	11	1
311840	< 2	0.4	35	< 0.3	< 1	9	17	33	0.01	4.52	6.0	370	1	< 2	5.0	1.39	7	38	2	0.5	4.08	5	< 1
311841	9	0.5	30	< 0.3	< 1	12	25	42	0.02	6.58	10.0	490	2	< 2	12.0	1.32	12	56	< 1	0.8	4.90	7	< 1
311842	< 2	< 0.3	20	< 0.3	< 1	8	19	33	0.02	5.02	21.0	440	1	< 2	13.0	1.34	7	81	2	0.6	7.98	8	< 1
311843	< 2	0.4	50	< 0.3	2	14	16	49	0.04	4.86	67.6	500	< 1	< 2	7.9	1.03	8	98	3	0.4	13.0	10	< 1
311844	11	0.4	14	< 0.3	< 1	12	31	47	0.02	6.03	96.0	520	1	< 2	9.0	1.41	11	130	< 1	0.6	4.82	11	< 1
311845	3	0.4	16	< 0.3	< 1	10	23	46	0.02	6.71	11.0	490	1	< 2	11.0	1.54	10	55	< 1	0.5	3.89	6	< 1
311846	13	< 0.3	22	< 0.3	< 1	10	23	38	0.03	6.28	27.0	520	1	< 2	34.0	1.35	6	101	< 1	0.8	6.48	6	< 1
311847	< 2	0.4	9	< 0.3	< 1	10	18	31	0.02	6.33	6.0	430	1	< 2	3.0	1.61	9	50	1	0.5	3.55	7	< 1
311848	< 2	0.4	39	< 0.3	< 1	14	30	47	0.01	7.13	9.0	440	1	< 2	19.0	1.41	11	81	4	0.7	2.98	6	< 1
311849	< 2	< 0.3	97	< 0.3	< 1	15	27	46	0.03	6.20	39.0	350	1	< 2	44.0	1.63	15	71	2	0.8	5.32	7	< 1
311850	< 2	0.4	28	< 0.3	1	17	38	116	0.02	6.28	4.0	410	2	< 2	2.0	1.97	19	62	6	1.0	3.88	7	< 1
312601	< 2	0.5	37	< 0.3	1	14	47	52	0.01	5.84	9.0	480	2	< 2	7.0	1.10	20	107	3	2.0	8.41	12	1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
312602	< 2	0.7	14	< 0.3	< 1	11	25	51	0.01	6.16	6.0	640	2	< 2	6.1	1.26	12	114	2	1.3	8.35	13	< 1
312603	< 2	< 0.3	26	< 0.3	< 1	15	34	64	0.01	6.50	9.0	450	2	< 2	9.0	1.23	14	87	2	0.8	6.26	9	< 1
312604	< 2	0.4	44	< 0.3	< 1	12	28	53	0.02	6.06	8.5	590	2	< 2	9.7	1.22	15	117	< 1	1.5	9.30	16	< 1
312605	< 2	< 0.3	19	0.3	< 1	12	23	60	0.01	6.00	4.8	670	1	< 2	7.8	1.15	14	113	< 1	1.5	10.3	21	< 1
309701	11	1.0	86	0.4	13	41	77	147	0.06	5.73	61.0	260	1	< 2	12.0	0.66	19	101	6	0.6	10.7	5	< 1
309702	< 2	< 0.3	40	< 0.3	10	11	52	98	0.03	6.29	32.0	400	1	< 2	8.0	1.10	12	75	3	0.6	5.59	5	< 1
309703	< 2	0.5	16	< 0.3	< 1	10	25	20	< 0.01	5.80	18.0	400	< 1	< 2	4.0	1.04	4	74	< 1	0.6	3.34	9	< 1
309704	31	0.9	56	0.5	10	32	25	87	0.04	5.11	107	440	1	< 2	11.0	0.71	12	76	< 1	0.3	11.5	6	< 1
309705	16	0.3	77	< 0.3	1	11	415	64	0.02	6.48	124	< 50	< 1	< 2	14.0	0.74	66	285	3	0.6	8.91	3	< 1
309706	< 2	0.9	20	< 0.3	2	14	22	57	0.01	6.30	12.0	560	1	< 2	6.0	1.11	9	54	4	0.8	4.59	8	< 1
309707	< 2	0.6	32	< 0.3	2	15	36	83	0.01	6.86	9.0	570	2	< 2	2.0	1.31	15	68	4	0.8	4.38	7	< 1
312866	< 2	0.4	34	< 0.3	< 1	13	36	82	0.02	6.93	8.0	610	2	< 2	1.0	1.36	15	76	4	0.9	4.63	6	< 1
312867	2	< 0.3	505	0.6	< 1	< 3	241	194	0.03	9.44	215	740	< 1	< 2	10.0	1.97	92	248	5	1.7	6.15	4	< 1

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
309251	< 5	2.65	23	0.95	509	2.17	0.058	261	0.2	11.6	< 3	219	< 0.5	0.34	10.5	1.4	76	< 1	15	40.1	77	25	5.6
309252	< 5	2.82	24	0.67	1460	1.72	0.064	206	0.5	22.8	< 3	122	< 0.5	0.45	12.9	< 0.5	163	< 1	12	48.8	78	43	6.3
309253	< 5	2.45	25	1.17	1270	1.76	0.056	81	0.2	13.5	< 3	168	< 0.5	0.36	14.7	2.9	92	< 1	20	60.2	113	51	8.8
309254	< 5	2.09	19	0.93	525	1.60	0.046	115	0.8	10.6	< 3	162	< 0.5	0.37	8.1	1.3	89	< 1	11	23.9	53	12	3.3
309255	< 5	0.05	< 1	0.17	10500	0.06	0.048	< 15	0.5	1.9	< 3	10	< 0.5	0.06	1.4	< 0.5	24	< 1	13	13.3	20	< 5	2.2
309256	< 5	2.45	21	0.90	500	2.22	0.059	122	< 0.1	9.7	< 3	229	< 0.5	0.30	8.5	1.4	66	< 1	12	27.9	57	15	4.1
309257	< 5	2.38	25	1.07	694	2.01	0.070	152	0.4	10.7	< 3	225	< 0.5	0.33	10.8	2.2	75	< 1	17	35.4	69	30	5.2
309258	< 5	2.39	25	1.11	760	1.94	0.077	149	0.3	12.5	< 3	208	< 0.5	0.34	17.5	3.1	80	< 1	11	26.8	74	23	3.9
309259	< 5	0.91	9	1.44	585	1.19	0.113	< 15	0.9	20.3	< 3	76	< 0.5	0.41	6.9	2.9	497	< 1	7	9.3	19	< 5	1.5
309260	< 5	2.37	21	0.85	376	2.29	0.051	147	< 0.1	9.5	< 3	223	< 0.5	0.28	8.5	2.7	65	< 1	10	27.1	57	15	3.9
309261	< 5	2.41	15	0.80	298	2.10	0.053	66	1.3	9.0	< 3	231	< 0.5	0.31	9.2	< 0.5	82	< 1	8	25.2	51	22	3.2
309262	< 5	2.93	11	0.51	206	0.59	0.015	123	0.5	13.8	< 3	29	< 0.5	0.36	11.2	2.9	62	< 1	10	9.2	19	< 5	1.5
309263	< 5	2.02	28	0.86	305	1.82	0.060	100	1.4	11.1	< 3	183	< 0.5	0.17	13.4	3.9	47	< 1	13	53.0	107	34	7.2
309264	< 5	3.40	29	1.09	600	0.89	0.057	177	1.8	14.6	< 3	76	< 0.5	0.14	15.7	3.7	79	< 1	9	46.0	81	26	4.2
309265	< 5	2.33	35	1.16	1170	0.89	0.053	164	1.5	14.4	< 3	87	< 0.5	0.30	11.4	5.2	143	< 1	11	29.1	70	26	4.0
309266	< 5	1.57	23	0.59	4610	0.62	0.078	98	1.3	8.1	< 3	61	< 0.5	0.28	8.7	2.8	105	< 1	13	31.1	71	13	3.6
309267	< 5	2.41	28	1.07	807	1.91	0.044	164	< 0.1	12.2	< 3	216	< 0.5	0.37	12.8	1.4	95	< 1	16	35.4	116	40	5.6
309268	< 5	2.39	39	0.96	639	1.90	0.044	182	0.2	10.0	< 3	212	< 0.5	0.33	10.0	2.0	88	< 1	14	31.4	88	19	4.8
309269	< 5	2.32	31	1.01	538	1.90	0.030	165	0.4	10.1	< 3	211	< 0.5	0.36	10.1	3.1	87	< 1	12	26.8	70	18	3.8
309270	< 5	2.82	16	0.30	117	0.52	0.114	101	17.6	13.1	< 3	49	< 0.5	0.34	6.3	7.2	258	< 1	8	44.5	75	28	4.9
309271	< 5	2.10	13	0.39	355	0.97	0.088	199	5.2	8.4	< 3	101	< 0.5	0.31	5.6	4.7	226	< 1	8	25.8	49	24	3.4
309272	< 5	2.55	38	1.24	1030	0.69	0.034	186	1.1	13.2	< 3	50	< 0.5	0.40	13.2	< 0.5	111	< 1	8	29.1	56	23	3.0
309273	< 5	2.74	26	1.00	629	1.72	0.053	216	0.6	10.7	< 3	190	< 0.5	0.33	14.0	3.2	85	< 1	10	25.0	58	23	3.2
309274	< 5	2.53	30	1.09	983	1.78	0.050	155	< 0.1	9.4	< 3	216	< 0.5	0.19	9.7	< 0.5	48	< 1	13	30.1	68	17	4.3
309275	< 5	0.42	73	2.30	1350	0.79	0.060	< 15	15.7	38.5	< 3	82	< 0.5	0.16	1.9	1.3	270	< 1	6	11.7	25	9	3.7
309276	< 5	2.00	27	1.08	935	1.83	0.047	60	1.0	15.2	< 3	188	< 0.5	0.31	9.1	6.3	107	< 1	21	53.8	80	35	6.7
309277	< 5	2.34	22	0.97	677	2.11	0.074	48	0.8	11.4	< 3	235	< 0.5	0.31	9.5	6.4	88	< 1	15	31.6	75	32	4.6
309278	< 5	1.99	21	0.99	929	2.17	0.027	90	1.0	15.0	< 3	214	< 0.5	0.22	6.8	3.1	94	< 1	12	23.4	58	22	3.9
309279	< 5	2.06	28	0.92	709	2.28	0.069	90	0.5	12.0	< 3	241	< 0.5	0.30	9.5	4.0	82	< 1	17	31.7	83	18	5.7
309280	< 5	2.14	17	0.98	547	1.78	0.059	138	5.3	13.0	< 3	162	< 0.5	0.36	8.2	3.6	137	< 1	7	19.1	50	13	2.7
309281	< 5	2.12	18	0.99	798	1.85	0.051	< 15	1.4	13.5	< 3	189	< 0.5	0.36	7.1	5.5	130	< 1	10	21.1	53	14	3.4
309282	< 5	2.07	16	0.88	577	2.15	0.031	59	1.2	15.1	< 3	223	< 0.5	0.34	7.0	3.2	123	< 1	9	19.1	44	15	3.2
309283	< 5	1.70	18	0.77	573	1.62	0.067	94	4.4	17.9	< 3	133	< 0.5	0.34	6.2	4.4	241	< 1	9	19.4	48	13	3.4
309284	< 5	2.07	12	0.55	359	1.58	0.065	52	3.0	9.0	< 3	165	< 0.5	0.30	6.1	2.4	223	< 1	10	25.2	55	20	3.6
309285	< 5	1.99	16	1.23	737	1.88	0.049	106	1.0	14.5	< 3	205	< 0.5	0.31	5.3	2.4	125	< 1	11	15.3	33	6	2.7
309286	< 5	2.25	11	0.52	363	1.61	0.086	107	3.4	8.7	< 3	169	< 0.5	0.32	6.3	3.1	131	< 1	7	19.6	39	10	2.6
309287	< 5	2.41	12	0.52	450	1.49	0.091	149	2.8	9.8	< 3	152	< 0.5	0.29	9.1	3.8	130	< 1	8	23.8	53	18	3.2
309288	< 5	2.20	13	0.49	507	1.23	0.117	140	6.3	8.5	4	132	1.2	0.35	6.4	3.4	141	< 1	9	21.6	48	22	2.9
309289	< 5	2.44	12	0.55	282	1.86	0.044	96	2.5	7.8	< 3	216	< 0.5	0.29	6.3	1.7	111	< 1	8	20.6	39	9	2.6
309290	< 5	0.22	3	0.41	5190	0.18	0.084	< 15	0.7	3.2	< 3	51	< 0.5	0.06	1.6	1.5	46	< 1	15	14.6	31	11	2.6
309291	< 5	2.23	14	0.66	535	1.59	0.025	114	0.9	8.1	< 3	192	< 0.5	0.28	7.7	2.0	77	< 1	10	22.4	52	13	3.1
309292	< 5	0.28	6	0.74	6650	0.21	0.086	< 15	0.2	5.7	< 3	61	< 0.5	0.07	1.6	< 0.5	51	< 1	15	9.2	24	13	1.7

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
309293	< 5	1.95	17	0.91	506	1.12	0.070	113	2.5	10.6	< 3	107	< 0.5	0.34	5.9	2.9	137	< 1	8	21.3	52	17	2.9
309294	< 5	0.22	41	6.69	973	0.51	0.030	40	1.1	15.3	< 3	30	< 0.5	0.36	< 0.2	< 0.5	179	< 1	8	3.8	9	< 5	1.3
309295	< 5	0.51	11	4.49	775	1.07	0.027	23	0.5	19.8	< 3	117	< 0.5	0.21	3.2	< 0.5	144	< 1	12	8.0	23	< 5	2.0
309296	< 5	2.38	23	1.10	1070	1.39	0.052	164	1.0	11.2	< 3	120	< 0.5	0.24	8.9	3.1	77	< 1	9	21.8	54	13	3.1
309297	< 5	0.10	32	2.67	3560	1.61	0.077	< 15	1.1	36.1	< 3	26	< 0.5	0.27	1.3	< 0.5	186	< 1	8	9.5	33	16	6.1
309298	< 5	0.96	10	3.31	664	1.28	0.023	37	1.0	15.9	< 3	127	< 0.5	0.33	4.8	< 0.5	129	< 1	10	14.1	29	13	2.5
309299	< 5	1.14	13	2.27	605	1.44	0.036	37	1.1	13.9	< 3	137	< 0.5	0.37	3.9	1.8	133	< 1	9	13.0	31	9	2.3
309300	< 5	2.20	32	1.19	753	1.99	0.046	113	0.6	13.0	< 3	256	< 0.5	0.42	6.7	2.5	174	< 1	26	24.4	70	23	5.1
309551	< 5	1.71	15	1.09	468	2.11	0.040	< 15	1.2	17.2	< 3	177	< 0.5	0.26	5.2	1.4	119	< 1	10	17.9	38	17	3.0
309552	< 5	2.01	20	1.15	601	1.94	0.046	108	0.7	14.0	< 3	177	< 0.5	0.30	6.7	2.5	112	< 1	8	14.3	42	8	2.2
309553	< 5	3.02	43	2.15	616	0.45	0.056	125	1.5	56.2	< 3	44	< 0.5	0.37	0.9	< 0.5	434	< 1	5	5.6	12	< 5	2.5
309554	< 5	2.40	17	0.83	683	2.45	0.049	157	0.4	8.9	< 3	265	< 0.5	0.28	6.4	< 0.5	69	< 1	12	26.1	57	36	4.1
309555	< 5	2.62	15	0.73	667	2.34	0.070	109	< 0.1	7.8	< 3	270	< 0.5	0.29	6.0	< 0.5	62	< 1	14	25.0	54	34	4.3
309556	< 5	2.04	19	1.54	1210	1.77	0.054	< 15	0.8	47.2	< 3	36	< 0.5	0.26	1.5	< 0.5	393	< 1	8	8.2	24	9	3.7
309557	< 5	0.74	41	0.50	2180	1.75	0.091	< 15	2.0	31.7	< 3	85	< 0.5	0.13	2.5	2.2	253	< 1	6	10.2	31	9	3.7
309558	< 5	1.74	30	1.33	402	1.23	0.074	35	1.9	21.3	< 3	113	< 0.5	0.34	4.5	2.4	196	< 1	7	13.1	29	7	3.1
309559	< 5	2.53	13	0.43	156	0.42	0.106	193	15.2	13.6	7	41	4.1	0.47	10.0	12.0	332	< 1	15	51.4	98	36	7.9
309560	< 5	1.93	14	0.88	359	1.74	0.065	74	2.5	13.9	< 3	161	< 0.5	0.34	4.6	1.8	138	< 1	6	15.6	25	< 5	2.4
309561	< 5	2.44	11	0.61	270	2.13	0.058	120	1.2	8.2	< 3	233	< 0.5	0.30	4.6	1.4	102	< 1	7	18.1	35	9	2.5
309562	< 5	1.91	10	0.58	401	1.41	0.084	92	2.9	7.4	< 3	151	< 0.5	0.37	5.3	1.4	108	< 1	7	17.9	35	5	2.6
309563	< 5	0.24	13	2.66	1150	1.11	0.023	< 15	0.5	37.6	< 3	102	< 0.5	0.23	0.6	< 0.5	187	< 1	27	5.4	13	< 5	2.6
309564	< 5	2.13	11	0.43	374	1.31	0.104	82	5.7	6.8	7	158	0.7	0.27	4.2	3.8	198	< 1	8	19.5	42	9	2.9
309565	< 5	2.10	11	0.42	554	1.15	0.059	47	3.7	7.4	< 3	128	< 0.5	0.27	4.5	1.9	132	< 1	7	19.6	33	27	2.9
309566	< 5	2.60	21	0.99	651	2.12	0.068	162	< 0.1	8.4	< 3	273	< 0.5	0.24	8.0	3.8	64	< 1	14	27.3	62	19	4.0
309567	< 5	2.48	13	0.65	321	1.74	0.018	60	< 0.1	9.2	< 3	195	< 0.5	0.08	7.1	2.7	28	< 1	11	21.4	43	26	3.0
309568	< 5	2.50	26	1.01	2310	1.32	0.058	139	0.6	9.4	< 3	143	< 0.5	0.32	8.1	2.7	93	< 1	14	23.2	55	41	3.8
309569	< 5	1.09	32	2.21	2930	0.99	0.080	78	0.6	13.3	< 3	103	< 0.5	0.31	4.3	3.3	166	< 1	12	18.6	40	25	3.1
309570	< 5	2.38	14	0.67	526	2.02	0.032	175	0.3	9.2	< 3	208	< 0.5	0.32	7.5	2.4	81	< 1	10	23.0	47	16	3.1
309571	< 5	2.45	22	0.97	949	2.33	0.057	192	0.5	10.0	< 3	242	< 0.5	0.29	8.6	< 0.5	83	< 1	14	29.7	71	28	5.0
309572	< 5	0.03	< 1	0.08	1570	0.04	0.033	< 15	< 0.1	0.4	< 3	5	< 0.5	< 0.01	< 0.2	< 0.5	8	< 1	7	2.9	6	9	0.6
309573	< 5	1.89	18	1.04	1420	1.61	0.086	109	1.2	10.2	< 3	168	< 0.5	0.32	6.1	2.3	117	< 1	11	20.3	39	28	3.1
309574	< 5	1.92	16	0.90	485	1.60	0.048	< 15	1.8	10.1	< 3	160	< 0.5	0.32	6.0	< 0.5	104	< 1	9	20.1	38	21	3.0
309575	< 5	2.25	24	0.95	505	1.80	0.025	128	0.6	10.8	< 3	187	< 0.5	0.20	7.1	< 0.5	54	< 1	11	23.5	61	23	3.6
309576	< 5	2.39	18	1.01	544	1.82	0.050	61	1.4	10.8	< 3	189	< 0.5	0.27	6.9	3.5	98	< 1	12	24.2	50	19	3.9
309577	< 5	2.78	7	0.57	334	2.42	0.020	120	< 0.1	12.0	< 3	307	< 0.5	0.10	5.7	< 0.5	27	< 1	10	15.5	33	16	2.9
309578	< 5	0.24	6	0.19	160	0.11	0.165	< 15	11.6	4.8	5	12	1.5	0.18	2.4	6.6	161	< 1	8	18.7	40	15	2.7
309579	< 5	2.08	23	0.79	565	2.07	0.055	115	0.3	8.8	< 3	215	< 0.5	0.35	8.3	2.2	93	< 1	12	27.5	58	25	3.9
309580	< 5	1.17	21	0.65	1200	0.96	0.042	36	0.8	6.7	< 3	89	< 0.5	0.29	5.7	2.1	96	< 1	10	18.3	40	31	2.8
309581	< 5	< 0.01	< 1	1.07	3540	0.01	0.018	< 15	0.3	0.4	< 3	75	< 0.5	< 0.01	< 0.2	< 0.5	10	< 1	7	3.9	4	6	0.7
309582	< 5	0.05	< 1	0.07	1220	0.04	0.037	< 15	< 0.1	0.3	< 3	7	< 0.5	< 0.01	< 0.2	< 0.5	6	< 1	3	2.6	4	< 5	0.3
309583	< 5	0.19	6	0.44	8860	0.12	0.055	< 15	0.2	2.5	< 3	24	< 0.5	0.21	1.9	< 0.5	71	< 1	12	20.9	32	18	2.7
309584	< 5	0.06	4	1.63	3410	0.05	0.031	< 15	0.1	0.8	< 3	67	< 0.5	0.03	0.8	1.6	28	< 1	10	8.1	13	7	1.0

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
309585	< 5	2.75	23	0.89	1490	1.34	0.042	134	0.5	9.2	< 3	151	< 0.5	0.32	9.4	3.3	95	< 1	13	34.3	61	24	3.9
309586	< 5	0.02	< 1	0.42	2160	0.02	0.023	< 15	0.2	0.5	< 3	12	< 0.5	< 0.01	< 0.2	0.9	11	< 1	12	6.5	8	< 5	0.9
309587	< 5	1.62	15	0.84	755	1.61	0.119	102	0.2	8.2	< 3	234	< 0.5	0.45	5.8	1.4	108	< 1	12	24.2	44	20	3.3
309588	< 5	1.99	11	0.55	529	1.58	0.118	95	0.6	7.4	< 3	175	< 0.5	0.42	6.6	0.9	98	< 1	11	23.0	40	12	2.7
309589	< 5	1.94	20	0.84	530	1.79	0.057	67	0.3	9.9	< 3	204	< 0.5	0.34	5.6	2.3	87	< 1	13	25.0	35	25	3.0
309590	< 5	2.52	10	0.60	295	1.76	0.020	112	0.5	7.3	< 3	182	< 0.5	0.19	6.2	1.9	50	< 1	11	19.2	35	8	2.3
309591	< 5	1.95	14	0.90	440	1.76	0.037	< 15	0.6	9.3	< 3	204	< 0.5	0.24	4.7	1.7	89	< 1	11	20.7	36	17	2.7
309592	< 5	2.40	19	1.18	736	2.23	0.051	107	0.8	13.0	< 3	216	< 0.5	0.31	7.3	0.9	99	< 1	16	33.4	67	34	5.0
309593	< 5	1.80	12	1.47	817	2.06	0.065	92	0.5	15.4	< 3	211	< 0.5	0.37	4.3	< 0.5	139	< 1	16	20.4	39	13	3.8
309594	< 5	2.31	11	1.03	451	2.23	0.034	81	0.2	9.7	< 3	255	< 0.5	0.28	3.3	0.7	84	< 1	10	16.5	32	18	2.6
309595	< 5	3.03	33	1.25	977	2.14	0.073	185	0.3	11.8	< 3	233	< 0.5	0.34	10.9	1.7	79	< 1	18	38.3	95	40	5.6
309596	< 5	2.14	10	0.81	385	2.12	0.038	86	< 0.1	10.5	< 3	216	< 0.5	0.27	4.3	1.2	84	< 1	10	16.2	30	20	2.6
309597	< 5	2.17	11	0.66	335	2.30	0.038	109	0.3	8.5	< 3	236	< 0.5	0.30	3.9	1.3	75	< 1	10	14.1	24	9	2.3
309598	< 5	2.13	14	0.73	323	2.18	0.023	54	0.3	8.5	< 3	242	< 0.5	0.30	5.4	1.3	76	< 1	11	21.1	43	18	3.3
309599	< 5	1.56	29	3.18	971	0.24	0.036	89	0.2	37.0	< 3	26	< 0.5	0.15	1.3	< 0.5	129	< 1	8	10.0	24	15	3.0
309600	< 5	2.28	35	1.24	816	1.95	0.043	112	0.6	13.1	< 3	268	< 0.5	0.13	5.8	3.5	84	< 1	27	27.2	79	22	5.0
312401	< 5	2.83	25	1.03	536	1.89	0.062	154	0.5	10.5	< 3	203	< 0.5	0.34	7.5	4.5	85	< 1	9	25.7	47	24	3.2
312402	< 5	2.54	21	0.97	612	1.89	0.036	85	0.7	10.5	< 3	200	< 0.5	0.36	7.0	2.6	115	< 1	10	20.2	46	22	2.8
312403	< 5	0.84	5	0.32	3170	0.93	0.042	40	0.3	4.1	< 3	91	< 0.5	0.14	3.6	1.3	60	< 1	16	15.5	35	19	2.4
312404	< 5	0.80	7	0.51	188	3.38	0.055	29	< 0.1	10.0	< 3	17	4.7	0.55	9.7	13.0	404	< 1	19	8.0	14	< 5	1.9
312405	< 5	2.46	23	0.56	2320	0.96	0.091	91	2.5	8.2	< 3	103	< 0.5	0.26	7.1	5.4	145	< 1	12	23.4	57	9	3.4
312406	< 5	1.57	21	0.90	6050	0.85	0.065	145	0.7	9.2	< 3	59	< 0.5	0.34	5.3	2.6	164	< 1	8	9.9	24	7	1.5
312407	< 5	0.41	17	2.47	1180	1.15	0.019	< 15	0.5	35.5	< 3	118	< 0.5	0.26	2.0	< 0.5	251	< 1	34	10.8	34	12	4.7
312408	< 5	0.21	11	2.09	8210	0.09	0.076	28	0.4	4.9	12	12	< 0.5	0.10	1.7	2.2	226	< 1	8	17.2	34	19	2.8
312409	< 5	0.33	< 1	1.81	11600	0.06	0.045	34	1.1	2.9	< 3	24	< 0.5	0.12	1.7	< 0.5	78	< 1	10	14.0	33	16	2.0
312410	< 5	1.73	10	0.64	513	1.63	0.043	87	1.2	9.1	< 3	156	< 0.5	0.32	7.1	3.3	110	< 1	9	19.2	41	7	2.7
312411	< 5	2.20	13	0.75	452	1.77	0.044	91	3.4	10.2	< 3	191	< 0.5	0.34	8.1	3.0	113	< 1	12	19.9	47	26	3.6
312412	< 5	4.07	24	0.85	291	1.89	0.052	191	7.6	14.7	< 3	56	9.4	0.45	17.2	7.4	186	< 1	39	13.4	48	10	5.0
312413	< 5	2.55	19	0.83	445	2.53	0.061	44	0.2	8.7	< 3	282	< 0.5	0.24	9.2	1.5	68	< 1	14	26.7	63	14	3.7
312414	< 5	1.75	25	2.07	410	2.11	0.111	< 15	1.3	19.1	< 3	32	< 0.5	0.26	7.5	4.5	225	< 1	17	8.9	25	10	3.2
312415	< 5	1.60	6	0.40	251	1.31	0.069	96	2.7	8.1	< 3	126	< 0.5	0.17	7.0	6.0	79	< 1	15	69.0	153	64	8.4
312416	< 5	0.67	3	0.16	110	0.60	0.133	< 15	1.1	3.7	< 3	58	< 0.5	0.13	7.1	3.3	92	< 1	3	9.6	21	6	1.2
312417	< 5	1.73	17	1.64	463	1.83	0.016	108	0.5	16.0	< 3	189	< 0.5	0.26	7.2	< 0.5	103	< 1	11	19.6	45	16	2.9
312418	< 5	1.71	15	1.18	1060	1.50	0.020	114	1.2	9.8	< 3	114	< 0.5	0.23	8.2	2.6	85	< 1	10	15.9	39	14	2.3
312419	< 5	0.86	2	2.26	1720	0.16	0.044	44	0.9	4.1	< 3	21	< 0.5	0.13	7.6	< 0.5	50	< 1	23	34.0	78	20	3.3
312420	< 5	2.27	30	1.08	2820	1.79	0.053	122	0.5	9.1	< 3	162	< 0.5	0.31	11.5	2.5	84	< 1	11	22.1	72	17	3.3
312421	< 5	1.99	15	0.67	556	1.54	0.068	64	0.8	8.8	< 3	149	< 0.5	0.41	9.9	3.4	105	< 1	11	20.5	47	18	2.8
312422	< 5	2.11	27	1.17	1030	1.24	0.058	57	0.4	10.1	< 3	123	< 0.5	0.27	10.8	2.2	74	< 1	13	25.4	50	11	3.5
312423	< 5	1.30	26	1.62	5450	1.39	0.024	140	0.3	6.8	< 3	66	< 0.5	0.23	7.4	1.4	60	< 1	11	17.6	42	6	1.6
312424	< 5	2.12	31	1.37	1000	1.75	0.033	116	0.4	10.0	< 3	156	< 0.5	0.31	9.1	1.0	70	< 1	10	19.5	44	12	2.7
312425	< 5	2.15	24	1.04	847	2.20	0.060	72	0.2	12.1	< 3	228	< 0.5	0.31	7.4	1.8	96	< 1	11	20.5	53	16	3.2
312426	< 5	2.14	24	1.10	1320	1.66	0.053	108	0.5	9.9	< 3	145	< 0.5	0.38	9.8	1.8	79	< 1	16	31.3	61	17	4.6

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
312427	< 5	1.58	7	0.55	326	1.42	0.032	< 15	0.9	10.5	< 3	128	< 0.5	0.38	8.7	4.0	119	< 1	10	17.7	38	12	2.4
312428	< 5	1.63	34	1.32	1530	1.17	0.081	96	0.4	8.1	< 3	130	< 0.5	0.31	15.1	2.3	113	< 1	16	38.0	155	33	5.6
312429	< 5	3.15	19	0.62	638	1.45	0.023	118	0.5	6.1	< 3	113	< 0.5	0.25	9.0	2.2	68	< 1	9	26.8	55	22	2.9
312430	< 5	2.97	23	0.80	549	1.33	0.038	126	< 0.1	10.8	< 3	124	< 0.5	0.16	14.9	3.9	41	< 1	23	192	368	119	16.6
312431	< 5	3.16	17	0.90	316	1.45	0.024	193	0.2	12.2	< 3	108	< 0.5	0.25	13.2	2.4	64	< 1	12	27.5	56	13	3.8
312432	< 5	1.53	14	0.54	229	1.05	0.122	150	0.2	8.0	< 3	126	< 0.5	0.33	22.1	5.9	72	< 1	16	111	201	79	11.0
312433	< 5	2.10	18	1.31	1170	1.28	0.043	97	0.2	6.6	< 3	125	< 0.5	0.29	8.0	1.6	57	< 1	11	58.6	88	20	3.4
312434	< 5	0.49	29	2.70	1180	2.01	0.032	< 15	< 0.1	40.6	< 3	82	< 0.5	0.44	2.9	< 0.5	266	< 1	21	9.7	23	9	2.7
312435	< 5	3.04	67	1.34	4760	0.85	0.053	248	1.1	13.4	< 3	52	< 0.5	0.39	13.8	4.1	210	< 1	14	90.7	98	68	10.5
312436	< 5	2.37	26	0.99	892	1.99	0.022	72	0.5	10.3	< 3	216	< 0.5	0.31	10.6	3.2	82	< 1	15	33.2	76	34	4.5
312437	< 5	2.63	27	1.10	2300	1.71	0.055	120	1.2	14.6	< 3	139	< 0.5	0.40	13.5	6.1	121	< 1	19	87.5	126	57	11.2
312438	< 5	2.37	9	0.49	557	1.87	0.011	100	1.1	8.6	< 3	196	< 0.5	0.30	7.8	2.3	82	< 1	10	22.0	49	11	2.8
312439	< 5	1.62	26	1.08	1850	0.71	0.039	105	1.3	10.4	< 3	89	< 0.5	0.39	6.2	5.0	239	< 1	11	13.3	31	11	2.0
312440	< 5	1.31	18	1.03	734	2.74	0.058	68	0.2	16.0	< 3	117	< 0.5	0.32	9.0	6.3	111	< 1	26	36.5	90	31	6.2
312441	< 5	1.43	7	0.21	168	0.75	0.144	64	3.7	8.4	< 3	80	< 0.5	0.24	11.9	5.8	115	< 1	7	14.4	27	11	1.9
312442	< 5	2.50	19	0.84	527	2.21	0.068	111	0.3	9.0	< 3	248	< 0.5	0.28	8.1	2.5	64	< 1	14	27.4	75	19	4.3
312443	< 5	3.44	19	0.73	542	1.77	0.030	94	0.2	22.3	< 3	198	< 0.5	0.31	5.7	2.4	190	< 1	12	20.2	52	21	3.5
312444	< 5	0.12	< 1	0.03	85	0.12	0.034	< 15	0.3	4.7	6	11	< 0.5	0.02	1.9	18.7	30	< 1	7	16.3	50	30	8.6
310001	< 5	2.66	22	0.92	381	2.37	0.044	108	0.2	9.2	< 3	243	< 0.5	0.20	9.4	< 0.5	44	< 1	12	26.2	64	16	3.9
310002	< 5	2.61	21	0.91	536	2.39	0.065	140	0.2	9.2	< 3	246	< 0.5	0.29	9.0	1.9	62	< 1	15	29.9	72	18	4.5
310003	< 5	2.24	11	0.61	251	1.69	0.073	125	0.5	8.5	< 3	171	< 0.5	0.29	8.5	2.6	79	< 1	7	20.2	47	14	2.9
310004	< 5	1.58	12	0.78	561	1.78	0.057	44	1.1	12.9	< 3	129	< 0.5	0.37	7.3	4.1	142	< 1	10	19.3	47	11	2.8
310005	< 5	1.72	22	0.96	1370	1.69	0.060	80	0.7	15.1	< 3	137	< 0.5	0.25	6.6	4.2	92	< 1	22	52.3	114	34	6.8
310006	< 5	2.47	12	0.65	295	2.15	0.024	109	0.5	8.6	4	242	< 0.5	0.13	9.3	0.9	29	< 1	11	24.7	59	17	3.4
310007	< 5	1.01	41	1.83	1700	0.70	0.040	32	1.3	38.6	5	32	< 0.5	0.24	1.1	< 0.5	295	< 1	7	5.3	20	10	3.7
310008	< 5	2.15	12	0.47	201	1.34	0.063	94	4.9	12.2	< 3	134	< 0.5	0.35	7.4	2.9	152	< 1	8	19.9	48	14	2.9
310009	< 5	0.33	6	0.44	169	0.31	0.068	< 15	2.2	8.5	< 3	18	< 0.5	0.19	3.6	2.7	214	< 1	3	4.9	9	< 5	0.7
310010	< 5	1.40	17	1.11	545	1.30	0.068	112	3.2	18.5	< 3	94	< 0.5	0.37	5.6	4.0	208	< 1	9	14.2	29	12	2.5
310011	< 5	2.02	15	0.89	332	1.80	0.045	112	2.2	11.9	< 3	170	< 0.5	0.30	6.2	2.0	127	< 1	7	14.6	32	12	2.3
310012	< 5	2.46	14	0.67	260	1.51	0.057	102	5.9	13.3	< 3	142	< 0.5	0.37	6.8	4.5	138	< 1	10	28.5	64	26	3.8
310013	< 5	0.22	23	0.82	1060	1.36	0.124	< 15	0.3	52.0	< 3	56	< 0.5	0.20	14.3	18.3	201	< 1	5	19.4	73	31	6.8
310014	< 5	1.44	21	1.36	634	1.57	0.053	31	2.1	21.4	5	108	< 0.5	0.40	7.0	3.4	173	< 1	12	20.7	50	15	4.1
310015	< 5	2.07	16	1.02	420	1.92	0.030	68	0.8	12.5	< 3	177	< 0.5	0.32	8.0	4.3	107	< 1	10	19.8	46	12	2.7
310016	< 5	1.12	22	1.18	655	1.84	0.026	52	0.5	21.1	< 3	127	< 0.5	0.31	4.6	1.3	229	< 1	19	16.4	40	16	3.8
310017	< 5	2.07	22	1.01	578	1.86	0.041	80	1.2	10.3	< 3	189	< 0.5	0.31	8.5	1.9	108	< 1	11	20.2	44	13	2.9
310018	< 5	2.65	19	0.34	519	0.77	0.101	155	0.8	10.0	< 3	107	< 0.5	0.14	12.4	3.5	136	< 1	10	27.2	63	23	3.5
310019	< 5	2.10	10	0.47	231	1.66	0.021	102	0.4	8.5	< 3	170	< 0.5	0.23	10.7	2.7	67	< 1	9	25.8	58	15	3.4
310020	< 5	1.86	28	1.32	651	1.78	0.020	59	0.5	14.6	< 3	150	< 0.5	0.42	8.6	3.0	145	< 1	12	20.3	49	15	3.0
310021	< 5	1.98	30	1.33	2680	1.34	0.046	89	1.1	15.8	< 3	109	< 0.5	0.39	10.7	3.1	149	< 1	15	35.4	76	25	5.5
310022	< 5	1.91	24	0.97	1300	1.87	0.077	38	0.9	14.0	< 3	198	< 0.5	0.31	10.1	4.7	98	< 1	24	60.7	103	43	8.4
310023	< 5	0.58	38	1.43	2030	1.19	0.088	< 15	1.1	32.1	< 3	72	< 0.5	0.26	1.9	3.7	267	< 1	7	7.6	23	11	2.6
310024	< 5	3.17	29	0.55	288	0.95	0.006	216	0.5	13.1	< 3	81	< 0.5	0.24	8.8	2.1	57	< 1	8	13.9	32	7	1.9

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
310025	< 5	2.32	21	1.14	905	2.27	0.050	108	0.8	14.1	< 3	213	< 0.5	0.31	10.4	3.0	96	< 1	15	35.3	65	32	4.8
310026	< 5	1.99	23	1.33	896	1.85	0.060	68	1.5	17.8	< 3	153	< 0.5	0.35	7.3	4.3	161	< 1	11	23.6	50	20	3.9
310027	< 5	1.57	15	0.84	2460	1.61	0.047	< 15	0.5	8.2	< 3	177	< 0.5	0.21	6.9	3.7	71	< 1	19	33.6	65	32	4.8
310028	< 5	1.96	16	0.63	527	1.76	0.071	< 15	1.4	8.7	< 3	219	< 0.5	0.26	8.3	0.9	74	< 1	14	23.9	52	19	3.8
310029	< 5	0.10	2	0.50	9740	0.12	0.068	< 15	< 0.1	1.4	< 3	24	< 0.5	0.03	0.9	< 0.5	33	< 1	16	12.9	21	20	1.9
310030	< 5	0.10	2	1.27	6320	0.08	0.052	< 15	< 0.1	1.0	< 3	37	< 0.5	0.03	0.9	< 0.5	24	< 1	9	6.9	14	< 5	0.9
310031	< 5	0.17	2	0.40	9570	0.10	0.053	< 15	< 0.1	1.8	< 3	12	< 0.5	0.05	0.7	1.7	49	< 1	10	11.3	19	5	1.5
310032	< 5	0.26	4	1.14	17000	0.10	0.065	< 15	< 0.1	2.5	< 3	59	< 0.5	0.12	1.2	< 0.5	67	< 1	10	12.3	22	10	2.0
310033	< 5	1.62	26	1.00	1460	1.75	0.030	< 15	0.6	16.0	< 3	164	< 0.5	0.35	4.8	3.6	141	< 1	9	17.1	39	9	2.8
310034	< 5	2.36	20	0.85	480	2.27	0.059	76	< 0.1	8.2	< 3	248	< 0.5	0.26	7.4	1.0	64	< 1	12	24.3	44	21	3.4
310035	< 5	2.31	10	0.68	329	2.32	0.010	121	< 0.1	8.1	< 3	212	< 0.5	0.33	7.3	< 0.5	86	< 1	8	22.2	48	18	3.0
310036	< 5	0.38	34	2.82	1270	1.31	0.038	< 15	0.9	34.5	< 3	80	< 0.5	0.26	5.1	< 0.5	270	< 1	24	11.9	30	27	3.6
310037	< 5	2.68	21	0.63	238	0.83	0.121	78	4.1	12.6	< 3	41	7.1	0.54	12.4	9.4	118	< 1	28	19.4	50	18	7.1
310038	< 5	0.51	35	3.29	1350	1.81	0.030	< 15	< 0.1	40.6	< 3	79	< 0.5	0.40	2.6	< 0.5	307	< 1	25	12.2	30	15	3.5
310039	< 5	0.12	22	2.25	2150	0.14	0.069	< 15	< 0.1	7.6	< 3	12	< 0.5	0.14	1.8	< 0.5	265	< 1	10	3.6	8	< 5	0.7
310040	< 5	2.31	24	1.23	671	1.54	0.047	51	0.9	14.7	< 3	139	< 0.5	0.36	10.2	3.9	149	< 1	11	20.1	40	15	2.8
310041	< 5	2.47	14	0.61	291	2.08	0.060	146	1.6	8.4	< 3	222	< 0.5	0.28	6.8	6.8	96	< 1	8	19.9	38	13	2.2
310042	< 5	0.44	5	0.11	276	0.12	0.094	< 15	3.7	3.0	8	10	< 0.5	0.08	2.1	3.0	250	< 1	4	3.3	6	8	0.6
310043	< 5	0.90	16	1.65	1080	0.97	0.052	62	0.7	17.2	< 3	122	< 0.5	0.37	4.6	1.3	226	< 1	15	11.7	23	9	2.4
310044	< 5	2.42	34	1.48	1170	1.83	0.044	301	0.7	16.9	< 3	151	< 0.5	0.24	8.8	3.4	93	< 1	16	32.8	60	22	4.6
310045	< 5	0.42	20	1.67	1340	1.79	0.038	< 15	0.5	37.4	< 3	99	< 0.5	0.34	5.8	< 0.5	253	< 1	32	16.3	35	21	4.7
310046	< 5	2.75	25	1.01	490	2.19	0.047	63	0.3	9.8	< 3	243	< 0.5	0.17	9.6	2.2	40	< 1	15	32.3	62	24	4.2
310047	< 5	2.59	10	0.60	308	1.78	0.020	194	0.8	8.8	< 3	207	< 0.5	0.18	7.4	3.7	47	< 1	10	24.9	48	11	2.9
310048	< 5	0.27	23	2.81	1110	2.11	0.044	< 15	0.6	33.0	< 3	56	< 0.5	0.51	2.3	< 0.5	286	< 1	19	9.6	22	11	3.0
310049	< 5	0.11	< 1	0.04	34	0.19	0.062	< 15	0.7	1.8	< 3	11	< 0.5	0.04	4.8	1.3	38	< 1	< 1	2.8	11	< 5	0.5
310050	< 5	2.37	36	1.28	824	1.73	0.047	124	0.5	11.4	< 3	277	< 0.5	0.42	5.4	2.6	173	< 1	27	21.6	57	20	4.0
309401	< 5	2.68	20	0.88	279	1.18	0.080	126	3.9	12.6	< 3	118	< 0.5	0.42	6.7	3.7	207	< 1	10	24.5	51	22	3.4
309402	< 5	2.27	33	0.98	333	1.80	0.044	125	0.9	10.9	< 3	210	< 0.5	0.31	6.7	0.7	89	< 1	11	23.7	45	22	3.5
309403	< 5	0.95	12	0.90	370	0.62	0.030	< 15	0.9	11.0	< 3	69	< 0.5	0.26	3.2	2.0	148	< 1	6	9.4	18	8	1.3
309404	< 5	3.21	31	0.77	175	0.62	0.048	257	1.8	12.1	< 3	80	< 0.5	0.23	21.2	3.8	83	< 1	9	54.0	99	35	5.9
309405	< 5	2.65	27	0.90	2990	0.43	0.069	238	2.2	8.1	< 3	47	< 0.5	0.26	8.0	2.4	112	< 1	12	29.3	55	25	3.7
309406	< 5	2.13	12	0.26	1310	0.21	0.049	< 15	17.9	6.3	3	20	3.8	0.23	8.3	7.8	143	< 1	25	43.2	82	26	5.8
309407	< 5	3.01	45	1.64	587	0.41	0.043	160	1.3	33.8	< 3	48	< 0.5	0.29	4.4	< 0.5	167	< 1	6	13.3	30	16	3.0
309408	< 5	4.65	31	0.64	156	0.56	0.020	221	1.1	11.9	< 3	61	< 0.5	0.30	14.4	1.5	63	< 1	8	52.8	103	37	6.1
309409	< 5	3.62	23	0.64	112	0.60	0.030	143	1.4	11.5	< 3	66	< 0.5	0.47	14.0	3.0	107	< 1	11	42.0	85	33	5.2
309410	< 5	2.38	18	0.91	580	1.77	0.056	155	1.0	10.7	< 3	205	< 0.5	0.51	8.7	2.5	138	< 1	13	23.2	48	14	3.2
309411	< 5	3.06	32	0.82	293	1.14	0.035	273	0.5	11.6	< 3	131	< 0.5	0.32	12.2	4.0	86	< 1	12	32.0	58	24	3.9
309412	< 5	0.05	2	0.30	2720	0.04	0.031	< 15	< 0.1	0.6	< 3	14	< 0.5	0.02	0.4	< 0.5	13	< 1	10	6.8	14	6	1.0
309413	< 5	3.47	21	0.54	148	0.62	0.056	195	2.4	11.0	< 3	88	< 0.5	0.23	21.9	3.9	99	< 1	11	73.4	147	45	8.3
309414	< 5	2.32	24	1.23	590	0.99	0.066	119	1.8	12.7	< 3	92	< 0.5	0.39	8.9	3.2	144	< 1	8	22.5	43	17	2.8
309415	< 5	2.49	17	0.80	348	2.22	0.043	130	0.6	8.9	< 3	248	< 0.5	0.30	8.3	< 0.5	63	< 1	11	27.3	54	14	3.9
309416	< 5	2.72	25	0.98	587	2.24	0.048	148	0.7	10.2	< 3	241	< 0.5	0.29	11.2	1.4	59	< 1	15	33.6	73	26	4.8

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
309417	< 5	2.74	22	0.97	774	2.20	0.043	132	0.3	9.5	< 3	267	< 0.5	0.20	10.5	3.0	47	< 1	13	29.7	72	27	4.3
309418	< 5	0.11	< 1	0.02	40	0.07	0.605	27	4.7	1.3	< 3	8	< 0.5	0.02	< 0.2	1.2	193	< 1	< 1	0.9	< 3	8	0.4
309419	< 5	0.04	< 1	< 0.01	13	0.03	1.63	< 15	10.2	1.5	< 3	4	< 0.5	< 0.01	< 0.2	< 0.5	367	< 1	< 1	0.5	< 3	8	0.1
309420	< 5	0.13	< 1	0.03	67	0.10	0.350	< 15	13.8	1.5	< 3	12	< 0.5	0.03	3.0	4.0	172	< 1	1	2.4	8	< 5	0.4
309421	< 5	0.14	< 1	< 0.01	36	0.03	0.793	< 15	11.4	1.4	< 3	6	< 0.5	< 0.01	< 0.2	5.4	2220	< 1	< 1	0.8	< 3	< 5	0.1
309422	< 5	0.05	< 1	0.01	40	0.05	1.15	< 15	24.7	0.8	< 3	5	< 0.5	< 0.01	< 0.2	12.4	2230	< 1	< 1	0.6	< 3	< 5	< 0.1
309423	< 5	1.73	14	0.58	3510	0.87	0.077	82	3.7	7.6	< 3	68	< 0.5	0.22	5.7	4.4	154	< 1	10	20.4	43	16	2.8
309424	< 5	2.15	17	0.65	495	1.18	0.088	87	2.8	8.7	< 3	111	< 0.5	0.30	7.0	4.6	132	< 1	7	19.1	38	13	2.7
309425	< 5	1.82	21	0.40	7600	0.44	0.116	140	7.2	7.2	6	35	< 0.5	0.17	9.2	17.9	466	< 1	12	28.0	81	17	4.5
309426	< 5	3.63	18	0.54	128	0.78	0.028	245	0.8	16.1	< 3	42	< 0.5	0.11	20.3	7.2	54	< 1	11	67.3	129	51	8.8
309427	< 5	0.88	4	0.43	6390	0.87	0.117	33	1.5	5.8	< 3	91	< 0.5	0.25	6.2	4.4	94	< 1	13	18.9	42	15	2.9
309428	< 5	2.80	27	1.05	704	2.14	0.068	132	0.4	10.2	< 3	243	< 0.5	0.32	10.7	4.0	72	< 1	17	32.8	60	33	4.9
309429	< 5	4.26	40	0.69	752	2.58	0.024	255	1.7	16.0	< 3	42	< 0.5	0.33	26.8	2.4	71	< 1	8	65.7	143	44	7.7
309430	< 5	2.31	23	0.89	528	1.99	0.054	108	0.4	10.0	< 3	228	< 0.5	0.34	12.1	1.6	106	< 1	15	29.1	74	23	3.7
309431	< 5	2.70	24	0.97	647	3.77	0.055	208	0.7	15.8	< 3	250	< 0.5	0.26	17.1	3.7	57	< 1	16	54.9	122	45	8.2
309432	< 5	0.99	15	1.59	643	2.19	0.038	43	0.4	33.3	< 3	147	< 0.5	0.21	6.0	1.0	141	< 1	18	18.4	45	21	3.9
309433	< 5	2.34	19	0.75	416	3.13	0.036	161	0.3	11.1	< 3	241	< 0.5	0.21	8.9	1.3	60	< 1	12	25.1	56	20	3.7
309434	< 5	1.79	15	1.57	354	1.93	0.019	59	1.0	12.1	< 3	175	< 0.5	0.27	7.5	< 0.5	73	< 1	9	21.2	50	16	3.3
309435	< 5	1.67	13	2.03	405	1.64	0.018	29	0.7	11.6	< 3	178	< 0.5	0.25	7.8	2.5	85	< 1	11	20.1	49	17	2.9
309436	< 5	2.01	21	0.88	514	1.32	0.040	95	2.4	11.2	< 3	106	< 0.5	0.40	13.2	3.7	106	< 1	11	26.3	64	16	3.7
309437	< 5	2.16	12	0.74	252	1.98	0.026	103	1.1	12.4	< 3	188	< 0.5	0.33	9.3	2.1	86	< 1	9	24.6	62	20	3.6
309438	< 5	2.38	23	1.04	780	1.59	0.041	82	0.7	9.4	< 3	192	< 0.5	0.30	9.4	2.2	99	< 1	12	21.3	60	18	3.2
309439	< 5	1.72	19	1.55	443	1.57	0.050	< 15	1.0	12.0	< 3	128	< 0.5	0.28	7.6	2.4	113	< 1	9	17.5	40	16	2.5
309440	< 5	1.17	13	0.66	186	0.19	0.028	19	0.4	5.1	< 3	40	< 0.5	0.33	4.6	1.5	164	< 1	8	16.4	37	15	2.1
309441	< 5	2.29	23	0.87	593	1.17	0.059	98	0.6	5.2	< 3	235	< 0.5	0.30	4.2	1.5	84	< 1	11	14.7	31	8	2.0
309442	< 5	2.46	14	0.65	490	1.08	0.023	56	0.2	4.2	< 3	219	< 0.5	0.27	2.9	0.9	80	< 1	9	9.7	20	6	1.3
309443	< 5	2.30	11	0.96	251	1.04	0.035	78	0.2	5.1	< 3	193	< 0.5	0.14	4.5	0.6	32	< 1	9	11.9	26	5	1.6
309444	< 5	2.32	23	1.42	440	1.17	0.049	82	1.3	8.1	< 3	183	< 0.5	0.30	6.3	3.0	99	< 1	15	20.5	45	16	2.9
309445	< 5	1.28	30	4.87	811	0.76	0.036	62	0.4	7.6	< 3	119	< 0.5	0.31	2.7	< 0.5	109	< 1	8	8.3	18	5	1.2
309446	< 5	2.08	27	1.18	2700	1.49	0.060	61	0.9	8.1	< 3	179	< 0.5	0.30	8.7	2.3	93	< 1	10	20.3	45	24	2.4
309447	< 5	2.20	27	2.10	482	1.35	0.024	93	0.2	7.3	< 3	217	< 0.5	0.33	5.7	1.6	86	< 1	13	17.5	40	15	2.5
309448	< 5	0.23	34	6.14	1610	0.64	0.050	< 15	0.3	11.0	< 3	36	< 0.5	0.39	1.2	< 0.5	148	< 1	11	3.7	11	< 5	1.2
309449	< 5	1.95	17	0.73	65	2.07	0.010	38	< 0.1	6.8	< 3	44	< 0.5	0.15	5.4	1.3	41	< 1	6	4.0	15	< 5	0.7
309450	< 5	2.28	35	1.19	792	1.41	0.035	93	0.8	9.7	< 3	263	< 0.5	0.20	4.6	2.1	125	< 1	25	18.5	50	14	3.4
312851	< 5	2.45	20	0.92	701	1.88	0.055	108	0.7	8.9	< 3	235	< 0.5	0.32	6.6	1.4	88	< 1	13	22.1	57	13	3.2
312852	< 5	0.22	6	0.39	2410	0.28	0.056	< 15	0.7	3.2	< 3	23	< 0.5	0.04	3.8	2.8	45	< 1	8	29.0	54	25	4.3
312853	< 5	2.79	25	0.99	555	2.36	0.061	157	0.3	10.8	< 3	241	< 0.5	0.26	10.4	1.3	58	< 1	16	36.9	81	32	5.3
312854	< 5	2.36	17	1.10	581	3.44	0.026	144	< 0.1	18.3	< 3	230	< 0.5	0.23	8.6	< 0.5	82	< 1	12	28.1	70	28	4.6
312855	< 5	2.65	17	0.87	336	2.46	0.041	130	0.3	10.5	< 3	241	< 0.5	0.31	9.5	5.2	75	< 1	9	23.3	50	18	3.2
312856	< 5	2.44	12	0.70	388	2.07	0.025	97	0.2	8.0	< 3	249	< 0.5	0.26	5.1	0.7	72	< 1	9	14.6	36	14	2.3
312857	< 5	2.40	17	1.14	732	3.78	0.064	182	0.8	22.2	< 3	251	< 0.5	0.34	10.3	1.2	117	< 1	16	41.9	98	24	6.7
312858	< 5	2.25	12	0.60	460	2.52	0.066	157	0.8	9.3	< 3	236	< 0.5	0.26	7.4	3.4	75	< 1	9	19.8	50	18	3.4

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
312859	< 5	2.83	25	1.01	623	2.27	0.060	134	0.2	10.9	< 3	245	< 0.5	0.32	10.8	2.1	71	< 1	15	33.8	70	22	4.8
312860	< 5	2.81	27	1.06	570	2.00	0.068	174	0.3	10.1	< 3	246	< 0.5	0.33	9.9	4.1	71	< 1	17	33.8	72	22	4.8
312861	< 5	2.70	21	0.88	609	3.33	0.058	146	< 0.1	13.6	< 3	256	< 0.5	0.30	13.6	2.2	63	< 1	15	47.2	105	35	6.6
312862	< 5	2.65	22	0.86	498	2.57	0.058	161	0.1	10.9	< 3	238	< 0.5	0.31	10.7	2.9	62	< 1	14	35.2	72	23	5.0
312863	< 5	2.69	23	0.96	591	3.00	0.064	178	< 0.1	13.0	< 3	248	< 0.5	0.30	14.2	2.4	65	< 1	17	46.8	100	32	7.2
312864	< 5	2.26	14	0.78	435	3.11	0.042	190	3.5	13.4	< 3	225	< 0.5	0.26	8.6	3.4	87	< 1	9	21.7	47	13	3.4
312865	< 5	0.13	5	0.72	12800	0.09	0.040	< 15	0.4	2.0	< 3	17	< 0.5	0.06	1.7	1.4	53	< 1	13	11.6	22	15	1.8
312868	< 5	2.16	28	1.08	961	1.98	0.064	118	1.1	12.5	< 3	187	< 0.5	0.31	14.4	5.3	89	< 1	14	41.6	94	26	6.1
312869	< 5	0.45	3	0.45	5260	0.63	0.054	< 15	0.1	3.9	< 3	57	< 0.5	0.09	4.2	1.1	40	< 1	16	18.8	43	22	3.6
312870	< 5	2.64	16	0.79	446	2.29	0.070	131	0.2	7.5	< 3	283	< 0.5	0.25	7.1	0.8	51	< 1	13	21.0	57	19	3.5
312871	< 5	2.43	20	0.96	683	2.17	0.054	104	0.2	9.8	< 3	248	< 0.5	0.33	8.5	3.1	77	< 1	14	28.0	63	18	4.1
312872	< 5	2.55	17	0.92	643	2.55	0.067	174	0.3	10.6	< 3	278	< 0.5	0.26	9.0	< 0.5	65	< 1	15	32.2	67	20	5.3
312873	< 5	2.50	16	0.77	346	2.87	0.053	210	0.2	10.1	< 3	271	< 0.5	0.26	9.9	1.5	58	< 1	12	30.6	72	27	4.6
312874	< 5	2.37	26	0.71	582	1.79	0.034	77	0.3	7.2	< 3	231	< 0.5	0.25	6.9	3.5	70	< 1	14	29.0	47	17	4.0
312875	< 5	2.44	19	0.89	707	2.07	0.059	161	< 0.1	9.0	< 3	255	< 0.5	0.19	9.2	1.9	49	< 1	16	27.1	63	22	4.3
312876	< 5	2.46	11	0.60	476	3.20	0.058	226	0.3	9.6	< 3	267	< 0.5	0.26	8.5	1.4	63	< 1	10	21.6	51	20	3.7
312877	< 5	1.76	22	0.94	749	1.90	0.032	54	0.4	8.6	< 3	212	< 0.5	0.34	7.6	< 0.5	91	< 1	10	18.5	38	8	2.5
312878	< 5	0.12	4	3.97	2360	0.03	0.041	< 15	< 0.1	1.2	< 3	307	< 0.5	0.02	0.4	< 0.5	28	< 1	10	10.6	21	10	1.9
312879	< 5	0.79	17	0.65	6440	1.38	0.058	< 15	< 0.1	14.1	< 3	105	< 0.5	0.15	12.5	2.2	75	< 1	30	44.6	123	51	9.5
312880	< 5	1.93	15	0.66	2940	2.20	0.033	108	0.4	8.0	< 3	235	< 0.5	0.21	7.9	< 0.5	59	< 1	13	27.4	67	26	4.6
312881	< 5	0.16	2	0.67	6890	0.19	0.070	< 15	< 0.1	2.1	< 3	43	< 0.5	0.05	1.0	1.1	33	< 1	13	11.4	24	< 5	2.0
312882	< 5	0.49	9	0.81	16000	0.21	0.071	< 15	< 0.1	7.2	< 3	29	< 0.5	0.20	2.9	< 0.5	137	< 1	10	15.6	33	12	3.1
312883	< 5	1.16	11	0.91	4270	1.62	0.054	119	0.1	8.0	< 3	151	< 0.5	0.17	6.0	< 0.5	71	< 1	13	25.6	68	17	4.3
312884	< 5	0.13	8	1.15	15500	0.13	0.068	< 15	0.2	5.8	< 3	32	< 0.5	0.24	3.9	1.4	110	< 1	13	17.5	38	8	3.0
312885	< 5	0.02	< 1	0.84	9740	0.07	0.106	< 15	0.2	1.1	< 3	24	< 0.5	< 0.01	0.6	< 0.5	25	< 1	15	11.2	25	8	2.2
312886	< 5	2.58	24	0.87	489	1.59	0.073	111	1.4	9.6	< 3	173	< 0.5	0.33	12.8	2.4	108	< 1	10	26.7	59	18	3.3
312887	< 5	1.87	15	0.81	442	1.40	0.050	52	1.6	10.2	< 3	134	< 0.5	0.34	9.0	4.9	140	< 1	9	16.3	37	13	2.2
312888	< 5	1.97	23	1.02	562	1.86	0.030	48	0.7	11.5	< 3	197	< 0.5	0.32	9.5	2.2	113	< 1	13	22.8	54	16	3.5
312889	< 5	1.90	26	1.21	1130	1.31	0.078	74	1.5	12.2	< 3	149	< 0.5	0.38	10.0	1.6	170	< 1	11	19.6	40	14	2.5
312890	< 5	0.83	7	0.30	1130	0.53	0.107	60	1.3	3.5	< 3	52	< 0.5	0.12	7.8	1.3	89	< 1	8	12.1	28	11	1.8
312891	< 5	2.09	36	0.92	702	1.66	0.076	111	0.6	10.6	< 3	175	< 0.5	0.45	15.2	1.9	143	< 1	18	31.7	72	25	4.0
312892	< 5	0.06	2	1.05	3840	0.06	0.124	< 15	0.6	1.2	< 3	7	< 0.5	0.06	1.4	< 0.5	71	< 1	5	6.4	11	6	1.1
312893	< 5	2.33	21	0.84	410	2.25	0.042	129	0.2	8.3	< 3	255	< 0.5	0.30	11.2	1.4	79	< 1	12	26.5	62	18	3.6
312894	< 5	1.83	21	1.13	725	1.89	0.038	86	0.2	14.5	< 3	179	< 0.5	0.39	11.2	1.2	170	< 1	13	28.8	70	18	4.1
312895	< 5	2.12	30	0.91	647	1.93	0.058	64	0.9	9.3	< 3	211	< 0.5	0.34	9.4	1.9	104	< 1	11	23.4	56	20	3.3
312896	< 5	2.34	20	0.87	443	2.29	0.056	91	0.2	8.8	< 3	253	< 0.5	0.28	8.5	1.1	73	< 1	14	28.2	64	16	4.0
312897	< 5	2.08	12	0.55	429	1.38	0.066	78	1.9	10.2	< 3	132	< 0.5	0.31	10.4	4.4	143	< 1	11	21.0	54	14	3.3
312898	< 5	2.31	21	0.88	728	2.19	0.065	115	< 0.1	8.9	< 3	258	< 0.5	0.31	13.1	2.0	99	< 1	16	31.5	73	20	4.4
312899	< 5	0.20	< 1	0.10	2730	0.15	0.046	< 15	0.4	0.7	< 3	21	< 0.5	0.08	0.8	< 0.5	32	< 1	3	3.4	7	8	0.4
312900	< 5	2.37	34	1.26	811	1.90	0.044	72	0.6	11.8	< 3	288	< 0.5	0.33	6.5	3.0	136	< 1	27	22.8	72	17	4.2
312551	< 5	2.85	27	1.04	464	2.16	0.053	145	0.3	9.9	< 3	236	< 0.5	0.33	10.1	2.1	68	< 1	14	31.4	66	22	4.2
312552	< 5	2.89	25	0.99	466	2.14	0.061	81	< 0.1	8.4	< 3	261	< 0.5	0.31	9.3	1.3	64	< 1	15	28.1	65	17	3.9

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
312553	< 5	1.46	8	0.45	294	0.88	0.104	61	7.3	9.4	4	84	1.4	0.29	11.3	4.5	142	< 1	8	14.3	33	13	2.0
312554	< 5	0.14	< 1	0.84	6690	0.04	0.028	< 15	0.4	1.4	< 3	7	< 0.5	0.06	1.1	< 0.5	48	< 1	14	8.7	16	7	1.7
312555	< 5	2.52	20	0.90	382	2.38	0.063	130	< 0.1	8.1	< 3	289	< 0.5	0.26	7.6	1.2	58	< 1	14	26.4	59	21	3.6
312556	< 5	2.61	23	0.92	622	2.21	0.060	111	< 0.1	8.6	< 3	260	< 0.5	0.22	9.7	1.8	51	< 1	16	32.7	76	23	4.6
312557	< 5	0.59	9	1.67	1450	0.88	0.024	52	0.3	55.4	< 3	134	< 0.5	0.11	2.7	< 0.5	113	< 1	32	10.4	31	9	4.0
312558	< 5	2.06	16	0.75	414	1.85	0.070	71	0.6	10.1	< 3	185	< 0.5	0.34	11.5	1.0	135	< 1	12	21.7	48	24	3.1
312559	< 5	2.02	11	0.56	352	1.65	0.054	90	21.9	8.3	< 3	190	< 0.5	0.27	8.7	< 0.5	109	< 1	10	19.8	43	12	2.6
312560	< 5	2.30	19	0.87	544	2.00	0.067	90	0.2	7.9	< 3	247	< 0.5	0.29	7.6	1.5	86	< 1	15	23.0	53	14	3.5
312561	< 5	0.02	< 1	0.08	2710	0.03	0.016	< 15	1.0	0.3	< 3	3	< 0.5	< 0.01	0.4	0.9	9	< 1	14	5.6	11	< 5	1.1
312562	< 5	0.06	5	0.66	6240	0.08	0.035	< 15	0.2	0.8	< 3	38	< 0.5	0.02	0.9	0.9	28	< 1	11	7.1	15	6	1.1
312563	< 5	0.16	2	1.04	8900	0.15	0.187	21	< 0.1	1.3	< 3	37	< 0.5	0.03	1.6	< 0.5	29	< 1	27	20.1	36	12	2.2
312564	< 5	2.51	27	1.00	557	2.12	0.070	139	0.4	9.9	< 3	222	< 0.5	0.31	11.8	2.9	73	< 1	13	33.8	73	32	4.8
312565	< 5	2.12	22	0.85	466	1.94	0.046	87	0.6	9.3	< 3	214	< 0.5	0.29	8.1	2.1	84	< 1	11	20.4	59	18	3.1
312566	< 5	0.78	15	0.98	838	1.18	0.039	30	0.6	26.0	< 3	164	< 0.5	0.38	5.8	0.8	344	< 1	27	16.1	46	15	4.3
312567	< 5	3.28	23	0.84	302	0.67	0.026	144	1.1	7.0	< 3	32	< 0.5	0.28	17.2	5.2	91	< 1	16	57.1	122	38	6.4
312568	< 5	2.47	11	0.70	288	2.23	0.059	91	0.6	7.3	< 3	269	< 0.5	0.27	7.9	2.3	72	< 1	7	13.1	31	8	1.8
312569	< 5	2.67	26	0.98	596	2.16	0.051	113	0.5	9.2	< 3	252	< 0.5	0.24	10.2	2.3	56	< 1	16	30.6	69	19	4.4
312570	< 5	2.07	16	0.98	1190	1.98	0.047	81	0.2	13.2	< 3	222	< 0.5	0.29	7.0	1.9	83	< 1	18	28.1	64	18	5.1
312571	< 5	2.23	19	0.81	529	2.30	0.043	70	0.2	7.7	< 3	266	< 0.5	0.26	6.7	< 0.5	70	< 1	11	17.6	47	16	2.9
312572	< 5	2.11	11	0.60	541	1.88	0.015	98	0.2	7.5	< 3	219	< 0.5	0.27	6.9	1.4	68	< 1	9	19.8	50	14	2.8
312573	< 5	1.61	20	0.73	1440	1.40	0.039	92	0.3	10.0	< 3	151	< 0.5	0.29	6.0	3.6	104	< 1	11	20.4	50	16	3.5
312574	< 5	2.44	16	0.79	358	2.28	0.050	58	0.2	7.1	< 3	282	< 0.5	0.25	7.4	1.0	63	< 1	12	19.4	46	20	3.0
312575	< 5	2.21	23	1.15	1150	1.83	0.052	140	0.5	10.6	< 3	176	< 0.5	0.31	8.5	2.8	105	< 1	11	18.0	47	15	2.8
312576	< 5	2.64	21	0.98	502	2.50	0.057	126	< 0.1	9.0	< 3	282	< 0.5	0.27	10.0	1.6	62	< 1	16	30.9	71	22	4.8
312577	< 5	2.65	23	1.07	448	2.45	0.056	148	0.2	9.4	< 3	293	< 0.5	0.19	11.4	2.3	46	< 1	15	32.4	75	22	4.7
312578	< 5	1.90	19	0.90	518	2.23	0.051	66	0.3	9.3	< 3	247	< 0.5	0.17	7.9	1.8	38	< 1	14	23.5	55	20	3.9
312579	< 5	1.47	23	0.73	1370	1.37	0.082	96	1.0	12.2	< 3	154	< 0.5	0.27	8.6	2.9	107	< 1	12	59.1	129	32	6.4
312582	< 5	2.30	17	0.86	498	2.45	0.071	74	< 0.1	7.5	< 3	299	< 0.5	0.24	6.8	1.1	58	< 1	12	19.2	50	18	3.4
312583	< 5	2.01	12	0.70	518	1.74	0.035	47	0.7	9.5	< 3	189	< 0.5	0.15	7.8	2.7	62	< 1	11	18.8	45	19	2.8
312586	< 5	0.40	52	0.63	2440	1.93	0.088	< 15	1.7	42.9	< 3	50	< 0.5	0.17	< 0.2	< 0.5	331	< 1	5	5.4	20	11	3.6
312587	< 5	2.38	28	0.73	520	1.43	0.040	132	0.8	11.6	< 3	133	< 0.5	0.32	11.3	3.0	103	< 1	9	21.4	55	15	3.3
312588	< 5	2.66	34	0.83	571	1.08	0.050	186	0.2	11.0	< 3	111	< 0.5	0.37	11.1	3.0	112	< 1	11	27.7	61	20	3.7
312590	< 5	2.41	27	0.94	1160	1.79	0.056	56	0.7	9.2	< 3	205	< 0.5	0.36	10.6	2.4	80	< 1	16	33.8	80	35	5.2
312591	< 5	1.88	28	1.17	693	1.87	0.023	128	0.4	15.9	< 3	189	< 0.5	0.23	7.5	0.8	108	< 1	15	18.8	54	17	3.4
312592	< 5	2.28	12	0.64	374	2.10	0.017	97	0.2	8.4	< 3	240	< 0.5	0.26	8.5	2.6	61	< 1	11	20.2	50	21	3.1
312593	< 5	2.11	22	0.76	1170	1.49	0.055	63	1.2	10.0	< 3	164	< 0.5	0.33	8.6	2.4	114	< 1	10	19.7	57	16	3.2
312594	< 5	2.44	32	1.26	1110	1.87	0.052	152	0.4	11.7	< 3	223	< 0.5	0.29	12.4	3.6	74	< 1	20	42.3	87	28	5.9
312595	< 5	2.47	16	0.64	380	1.91	0.036	49	< 0.1	7.7	< 3	244	< 0.5	0.21	7.1	2.0	50	< 1	11	23.1	50	9	3.0
312596	< 5	2.74	26	1.04	709	2.02	0.067	201	< 0.1	9.1	< 3	266	< 0.5	0.33	10.0	3.5	68	< 1	18	34.9	67	27	4.7
312597	< 5	2.26	14	0.59	428	1.73	0.051	< 15	0.8	8.7	< 3	209	< 0.5	0.28	8.8	< 0.5	79	< 1	12	25.3	64	< 5	3.6
312598	< 5	2.47	21	0.62	332	1.67	0.038	89	< 0.1	8.8	< 3	197	< 0.5	0.19	10.1	1.4	50	< 1	13	27.6	64	16	3.7
312599	< 5	2.83	37	0.99	845	1.53	0.049	194	< 0.1	11.3	< 3	163	< 0.5	0.26	16.6	2.0	65	< 1	16	53.5	135	33	7.2

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
312600	< 5	2.28	36	1.25	798	1.64	0.041	130	0.7	11.2	< 3	286	< 0.5	0.17	6.0	2.3	112	< 1	27	22.3	63	14	4.1
309851	< 5	1.76	18	2.01	753	1.15	0.013	103	0.7	11.0	< 3	109	< 0.5	0.16	6.7	2.5	73	< 1	10	18.1	41	12	2.5
309852	< 5	2.21	16	0.66	295	1.39	0.090	106	5.2	8.8	< 3	174	< 0.5	0.29	6.1	4.6	140	< 1	8	21.0	47	12	2.6
309853	< 5	2.39	14	0.71	330	1.50	0.070	< 15	4.3	8.5	< 3	179	< 0.5	0.28	6.1	3.5	165	< 1	8	20.0	42	19	2.6
309854	< 5	0.12	5	1.07	10100	0.10	0.067	< 15	< 0.1	2.1	< 3	59	< 0.5	0.07	2.0	< 0.5	62	< 1	17	13.7	27	14	2.2
309855	< 5	2.29	17	0.83	787	2.15	0.059	196	0.4	8.3	< 3	244	< 0.5	0.25	6.8	< 0.5	64	< 1	14	24.6	57	17	3.9
309856	< 5	1.35	18	0.63	337	1.75	0.031	277	0.4	8.4	< 3	142	< 0.5	0.29	7.4	1.4	60	< 1	9	30.4	68	24	4.3
309857	< 5	2.23	23	0.97	557	1.91	0.045	159	< 0.1	8.7	< 3	239	< 0.5	0.33	6.6	< 0.5	86	< 1	11	20.8	45	15	3.2
309858	< 5	1.99	18	1.06	395	2.08	0.027	58	0.2	11.5	< 3	233	< 0.5	0.25	8.1	2.0	85	< 1	12	20.9	45	14	3.3
309859	< 5	2.46	16	0.76	548	1.95	0.027	67	0.5	10.0	< 3	212	< 0.5	0.24	10.0	1.1	88	< 1	13	27.8	64	11	3.2
309860	< 5	2.18	22	1.02	789	1.65	0.025	< 15	0.8	11.2	< 3	180	< 0.5	0.26	8.9	1.6	87	< 1	12	27.6	67	18	4.1
309861	< 5	2.87	20	0.30	393	0.23	0.063	167	22.5	8.5	< 3	28	4.7	0.27	9.2	8.7	197	< 1	20	51.4	103	38	6.8
309862	< 5	1.67	15	0.68	304	1.21	0.049	112	1.4	11.4	< 3	122	< 0.5	0.26	8.0	< 0.5	101	< 1	12	16.2	38	10	2.6
309863	< 5	3.05	32	1.14	868	1.05	0.043	113	1.0	14.1	< 3	105	< 0.5	0.34	9.3	2.8	138	< 1	10	17.6	50	16	2.8
309864	< 5	2.15	15	0.65	733	1.84	0.049	93	< 0.1	8.4	< 3	228	< 0.5	0.30	10.3	2.9	96	< 1	12	27.1	57	23	3.4
309865	< 5	2.72	21	1.00	504	2.49	0.068	171	< 0.1	9.3	< 3	319	< 0.5	0.28	10.7	1.6	64	< 1	15	38.4	74	27	5.2
309866	< 5	2.59	9	0.51	318	1.79	0.009	187	0.7	8.6	< 3	210	< 0.5	0.21	7.2	2.8	58	< 1	9	22.4	48	15	2.8
309867	< 5	2.21	10	0.65	438	1.55	0.072	64	0.9	10.6	< 3	175	< 0.5	0.36	7.8	3.5	112	< 1	10	22.5	48	12	3.0
309868	< 5	1.81	5	0.53	1250	1.45	0.022	68	1.0	9.1	< 3	172	< 0.5	0.39	6.8	1.8	154	< 1	11	23.9	52	17	3.2
309869	< 5	0.28	2	0.09	68	0.19	0.139	< 15	2.3	3.8	< 3	18	< 0.5	0.06	11.9	11.8	53	< 1	3	18.5	50	17	4.1
309870	< 5	1.52	20	1.84	1050	1.80	0.040	43	0.2	20.7	< 3	165	< 0.5	0.31	5.0	< 0.5	202	< 1	20	16.7	40	19	3.3
309871	< 5	2.42	15	0.75	461	2.13	0.027	84	0.2	8.5	< 3	255	< 0.5	0.25	7.7	1.4	71	< 1	12	20.7	45	19	3.0
309872	< 5	2.29	17	0.70	403	2.18	0.043	57	< 0.1	7.5	< 3	261	< 0.5	0.18	6.7	1.3	55	< 1	11	18.4	43	9	2.6
309873	< 5	2.26	16	1.28	575	1.67	0.027	111	0.7	15.2	< 3	202	< 0.5	0.33	7.5	0.9	131	< 1	15	16.5	34	8	2.8
309874	< 5	2.43	25	1.41	866	1.63	0.047	81	0.9	13.3	< 3	172	< 0.5	0.30	8.5	1.2	102	< 1	15	29.9	62	28	4.6
309875	< 5	1.83	21	1.20	1510	1.51	0.023	95	0.7	11.8	< 3	156	< 0.5	0.30	7.3	2.9	117	< 1	13	20.4	50	14	3.2
309876	< 5	3.04	32	1.15	525	1.26	0.069	200	1.2	10.0	< 3	126	< 0.5	0.33	11.3	3.0	99	< 1	11	15.5	46	14	2.5
309877	< 5	2.37	16	0.76	379	2.07	0.024	102	< 0.1	8.2	< 3	249	< 0.5	0.22	7.2	1.2	56	< 1	11	21.0	44	13	3.0
309878	< 5	0.13	2	0.47	4040	0.15	0.049	< 15	0.6	1.0	< 3	30	< 0.5	0.03	0.9	< 0.5	21	< 1	11	9.0	18	< 5	1.4
309879	< 5	1.98	16	0.74	452	2.08	0.029	89	0.6	9.1	< 3	218	< 0.5	0.31	7.1	2.7	99	< 1	12	20.2	45	13	2.8
309880	< 5	2.24	18	0.86	560	2.06	0.056	< 15	0.3	9.0	< 3	235	< 0.5	0.33	8.8	3.1	104	< 1	15	24.7	62	19	3.0
309881	< 5	1.62	12	1.24	416	1.81	0.027	99	< 0.1	10.3	< 3	193	< 0.5	0.23	6.4	1.4	80	< 1	9	18.3	39	14	2.7
309882	< 5	2.03	13	1.09	547	2.12	0.035	43	0.6	10.7	< 3	242	< 0.5	0.18	4.5	1.9	72	< 1	13	18.2	41	10	3.1
309883	< 5	2.55	29	1.04	660	2.08	0.075	142	< 0.1	10.5	< 3	238	< 0.5	0.26	10.9	3.8	60	< 1	16	33.1	75	23	5.0
309884	< 5	2.69	28	1.06	617	2.18	0.078	69	0.2	10.8	< 3	250	< 0.5	0.28	12.2	2.4	67	< 1	18	35.3	76	31	5.5
309885	< 5	2.34	11	0.95	423	2.30	0.056	43	< 0.1	9.3	< 3	274	< 0.5	0.21	4.7	< 0.5	65	< 1	12	18.1	43	12	3.1
309886	< 5	1.40	8	2.71	547	1.44	0.011	< 15	< 0.1	10.2	< 3	177	< 0.5	0.28	11.3	1.8	99	< 1	11	28.5	62	24	3.9
309887	< 5	1.84	13	0.81	335	1.75	0.013	89	0.3	10.8	< 3	189	< 0.5	0.25	8.9	0.9	99	< 1	11	23.7	55	17	3.5
309888	< 5	2.48	23	0.90	703	2.23	0.069	95	< 0.1	9.8	< 3	260	< 0.5	0.28	10.8	3.3	67	< 1	18	35.8	79	27	5.3
309889	< 5	2.43	19	0.91	565	2.39	0.053	116	0.2	10.6	< 3	251	< 0.5	0.25	8.5	3.0	70	< 1	15	31.8	67	17	4.7
309890	< 5	2.42	42	1.28	6960	1.53	0.079	265	0.5	13.7	< 3	159	< 0.5	0.33	14.9	5.5	103	< 1	20	49.9	111	38	7.1
309891	< 5	2.55	30	1.07	763	2.04	0.067	188	< 0.1	11.3	< 3	226	< 0.5	0.27	11.4	2.1	68	< 1	17	34.4	82	29	5.5

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
309892	8	2.61	29	1.07	480	2.03	0.068	62	< 0.1	10.4	< 3	245	< 0.5	0.27	11.6	3.9	66	< 1	17	32.6	68	35	5.1
309893	< 5	1.94	9	0.71	446	1.96	0.019	273	0.3	8.5	< 3	215	< 0.5	0.16	6.1	1.4	52	< 1	10	18.9	42	11	2.9
309894	< 5	2.58	21	0.88	461	2.40	0.084	154	0.2	9.9	< 3	271	< 0.5	0.29	10.6	2.8	63	< 1	17	34.8	76	17	5.5
309895	8	0.10	2	0.45	9980	0.12	0.067	< 15	0.4	1.2	< 3	21	< 0.5	0.03	1.1	< 0.5	26	< 1	21	11.3	27	10	2.3
309896	< 5	2.37	21	0.91	366	2.15	0.065	82	< 0.1	9.0	< 3	249	< 0.5	0.30	8.3	1.4	66	< 1	12	23.9	55	14	4.0
309897	< 5	1.45	11	0.63	1950	0.68	0.116	133	27.9	8.7	7	68	< 0.5	0.20	7.3	10.3	123	< 1	12	19.4	41	10	2.6
309898	< 5	1.98	33	2.56	546	0.95	0.035	38	< 0.1	51.6	< 3	17	< 0.5	0.24	1.0	< 0.5	334	< 1	7	2.1	16	< 5	2.4
309899	< 5	2.29	20	0.81	625	2.23	0.059	153	< 0.1	8.9	< 3	264	< 0.5	0.27	9.7	2.9	80	< 1	15	26.8	75	20	4.4
309900	< 5	2.22	34	1.23	775	1.98	0.041	46	1.3	13.0	< 3	286	< 0.5	0.19	6.6	3.0	107	< 1	27	26.2	62	22	4.7
312701	< 5	2.85	31	1.23	845	2.16	0.068	157	0.7	11.3	< 3	242	< 0.5	0.19	12.4	3.6	50	< 1	17	40.4	81	36	5.3
312702	< 5	2.78	29	1.10	698	2.12	0.067	67	0.6	10.7	< 3	246	< 0.5	0.26	10.6	4.3	62	< 1	17	38.4	75	27	4.8
312703	< 5	2.85	31	1.20	774	2.02	0.070	41	0.6	10.7	< 3	244	< 0.5	0.27	11.4	3.5	66	< 1	17	37.0	73	15	5.0
312704	< 5	2.86	29	1.16	647	2.19	0.075	157	0.7	11.0	< 3	266	< 0.5	0.32	10.8	1.6	75	< 1	18	39.7	75	30	5.3
312705	< 5	2.46	23	0.96	466	2.27	0.048	124	0.6	9.2	< 3	274	< 0.5	0.29	8.6	0.8	73	< 1	13	27.4	56	20	3.8
312706	< 5	2.56	27	1.07	650	2.01	0.043	135	1.1	9.9	< 3	239	< 0.5	0.17	9.9	3.2	48	< 1	14	32.4	66	21	4.2
312707	< 5	2.54	26	1.01	526	2.04	0.081	172	0.6	10.0	< 3	248	< 0.5	0.33	10.3	1.1	78	< 1	17	38.5	69	27	5.3
312708	< 5	2.65	21	0.86	383	2.29	0.069	115	0.8	9.0	< 3	272	< 0.5	0.27	8.6	1.7	62	< 1	16	33.5	66	24	4.7
312709	< 5	2.56	20	0.88	360	2.54	0.069	186	0.8	10.2	< 3	274	< 0.5	0.28	10.5	2.5	63	< 1	16	38.8	76	23	5.2
312710	< 5	2.47	11	0.62	788	2.52	0.055	126	0.5	6.5	< 3	320	< 0.5	0.22	5.8	1.1	56	< 1	14	23.7	55	12	3.8
312711	< 5	2.61	36	1.15	285	1.59	0.046	180	0.8	13.6	< 3	165	< 0.5	0.28	12.9	3.2	69	< 1	16	38.5	82	34	5.0
312712	< 5	2.83	39	1.31	1090	1.92	0.069	307	0.6	13.6	< 3	203	< 0.5	0.31	13.1	4.5	81	< 1	18	42.8	87	27	5.6
312713	< 5	2.80	32	1.17	990	2.25	0.070	74	0.9	12.3	< 3	243	< 0.5	0.33	12.5	1.1	77	< 1	18	41.9	82	27	5.8
312714	< 5	2.70	29	1.10	472	2.07	0.072	54	0.4	10.7	< 3	249	< 0.5	0.33	10.4	2.2	76	< 1	17	35.7	73	19	5.0
312715	< 5	2.69	27	1.06	842	2.20	0.077	180	0.6	10.7	< 3	259	< 0.5	0.32	11.0	2.3	76	< 1	18	37.4	77	29	5.4
312716	< 5	2.66	27	1.06	664	2.24	0.060	171	< 0.1	10.8	< 3	249	< 0.5	0.18	10.6	1.1	48	< 1	16	36.1	71	33	5.2
312717	< 5	0.19	3	0.34	5460	0.24	0.027	< 15	0.2	7.7	< 3	26	< 0.5	0.07	2.2	< 0.5	58	< 1	5	7.9	15	< 5	1.3
312718	< 5	2.42	14	0.68	280	2.15	0.059	111	1.4	10.2	< 3	243	< 0.5	0.30	8.4	4.1	83	< 1	10	22.7	49	19	3.6
312719	< 5	2.46	11	0.54	219	1.56	0.062	210	7.2	10.0	< 3	170	< 0.5	0.35	6.9	2.6	121	< 1	7	16.6	35	8	2.1
312720	< 5	2.68	26	1.02	678	2.20	0.060	129	< 0.1	10.5	< 3	245	< 0.5	0.27	10.3	2.0	68	< 1	15	33.8	73	20	4.8
312721	< 5	2.73	29	1.07	687	2.33	0.065	77	0.2	11.2	< 3	251	< 0.5	0.20	11.0	1.8	51	< 1	17	39.2	76	32	5.5
312722	< 5	0.68	15	0.47	1040	0.21	0.067	31	30.2	6.2	37	20	1.4	0.18	2.5	16.8	863	< 1	18	13.2	36	8	3.2
312723	< 5	2.21	18	1.20	339	1.72	0.028	94	1.9	14.4	< 3	176	< 0.5	0.34	7.0	1.8	140	< 1	7	17.2	31	8	2.5
312724	< 5	2.69	26	1.09	584	2.21	0.060	176	0.2	11.0	< 3	252	< 0.5	0.32	10.4	0.9	75	< 1	16	34.0	75	19	4.8
312725	< 5	2.50	23	1.03	716	2.16	0.062	57	0.8	11.1	< 3	245	< 0.5	0.33	10.0	2.2	93	< 1	15	29.8	64	17	4.3
312726	< 5	2.88	27	0.86	744	1.81	0.053	181	1.3	10.6	< 3	198	< 0.5	0.29	12.6	2.5	80	< 1	15	36.1	106	23	5.2
312727	< 5	2.64	26	0.99	581	2.19	0.060	125	< 0.1	9.6	< 3	250	< 0.5	0.27	9.6	1.6	63	< 1	14	31.3	66	30	4.4
312951	< 5	0.95	3	0.23	198	0.78	0.058	< 15	0.8	4.0	< 3	89	< 0.5	0.17	6.5	< 0.5	92	< 1	4	8.6	19	< 5	1.1
312952	< 5	0.27	< 1	0.08	66	0.16	0.101	< 15	2.9	3.3	< 3	12	< 0.5	0.09	8.2	1.3	56	< 1	2	6.2	7	< 5	1.1
312953	< 5	1.24	9	1.35	653	1.64	0.099	99	0.8	18.3	< 3	159	< 0.5	0.37	7.2	1.1	174	< 1	17	20.1	47	22	3.6
312954	< 5	0.31	2	0.79	16800	0.24	0.113	< 15	1.0	3.6	< 3	42	< 0.5	0.10	2.6	< 0.5	65	< 1	36	32.5	62	21	4.9
312955	< 5	1.56	35	0.88	3530	1.11	0.041	134	0.6	9.9	< 3	114	< 0.5	0.31	8.6	3.5	147	< 1	11	29.0	57	25	4.1
312956	< 5	1.97	22	1.64	996	1.65	0.036	55	0.4	15.3	< 3	178	< 0.5	0.36	6.2	< 0.5	160	< 1	13	16.0	32	17	2.5

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
312957	< 5	2.01	19	0.82	4340	1.71	0.081	173	1.6	9.0	< 3	185	< 0.5	0.27	7.3	2.1	94	< 1	18	33.3	72	25	5.0
312958	< 5	2.47	18	0.85	956	1.99	0.057	133	1.7	9.1	< 3	245	< 0.5	0.30	8.3	2.9	98	< 1	13	23.2	49	15	3.5
312959	< 5	1.91	22	0.68	846	1.55	0.026	190	1.5	8.6	< 3	157	< 0.5	0.30	6.3	3.4	116	< 1	6	15.6	32	8	2.1
312960	< 5	2.36	24	0.92	822	2.07	0.041	75	0.6	9.6	< 3	245	< 0.5	0.30	10.8	0.7	74	< 1	12	31.4	66	23	4.2
312961	< 5	0.84	8	0.66	428	2.51	0.051	< 15	1.0	11.8	< 3	44	2.7	0.37	9.6	8.1	289	< 1	18	15.4	36	9	2.9
312962	< 5	2.16	12	0.80	674	1.56	0.025	33	1.2	9.6	< 3	177	< 0.5	0.27	6.2	2.2	112	< 1	10	17.9	45	11	2.5
312963	< 5	1.68	19	0.95	1370	1.38	0.042	52	1.4	12.4	< 3	138	< 0.5	0.35	7.2	2.6	149	< 1	11	19.8	44	14	3.0
312964	< 5	0.34	2	0.64	5660	0.29	0.070	< 15	0.6	2.3	< 3	37	< 0.5	0.11	1.8	1.2	54	< 1	8	10.5	27	8	1.4
312965	< 5	0.30	17	2.70	1330	1.45	0.063	< 15	1.1	40.0	< 3	79	< 0.5	0.59	1.9	< 0.5	307	< 1	24	8.1	20	< 5	3.1
312966	< 5	0.57	17	2.92	1430	1.96	0.053	< 15	0.9	35.5	< 3	132	< 0.5	0.54	3.1	< 0.5	280	< 1	22	12.1	39	14	3.4
312967	< 5	1.96	12	0.77	376	2.44	0.016	< 15	0.6	10.5	< 3	211	< 0.5	0.14	7.3	1.5	41	< 1	10	24.6	49	24	3.5
312968	< 5	2.36	26	0.75	321	2.09	0.019	173	0.4	9.0	< 3	208	< 0.5	0.31	7.7	2.1	70	< 1	9	25.6	61	15	3.6
312969	< 5	2.10	15	0.79	397	2.34	0.028	88	0.3	8.5	< 3	247	< 0.5	0.29	5.0	1.4	85	< 1	9	16.4	36	11	2.4
311751	< 5	0.13	3	0.41	7190	0.13	0.069	< 15	0.7	1.6	< 3	29	< 0.5	0.04	0.6	1.0	41	< 1	13	12.3	24	9	2.0
311752	< 5	2.62	14	0.68	300	2.22	0.018	54	< 0.1	8.5	< 3	260	< 0.5	0.24	7.3	2.4	51	< 1	11	23.9	53	17	3.4
311753	< 5	2.57	16	0.77	315	1.99	0.070	118	< 0.1	8.1	< 3	249	< 0.5	0.25	7.2	3.5	61	< 1	13	25.9	54	26	4.4
311754	< 5	2.61	15	0.83	379	1.67	0.073	84	0.4	10.0	< 3	209	< 0.5	0.33	10.9	2.5	82	< 1	9	20.9	53	23	2.9
311755	< 5	2.40	14	0.80	341	1.79	0.077	141	0.4	9.5	< 3	205	< 0.5	0.30	10.5	3.3	81	< 1	8	20.4	48	16	3.0
311756	< 5	2.95	11	0.29	93	0.34	0.076	175	13.1	16.5	16	43	2.7	0.37	7.5	9.2	569	< 1	11	55.1	114	50	7.7
311757	< 5	0.29	2	0.86	5960	0.21	0.092	< 15	1.3	3.5	< 3	19	< 0.5	0.10	2.0	0.7	79	< 1	11	10.2	14	< 5	1.4
311758	< 5	0.74	8	1.35	10200	0.52	0.083	57	1.3	7.4	< 3	62	< 0.5	0.18	3.0	1.8	102	< 1	20	18.8	33	13	2.8
311759	< 5	1.75	17	1.34	681	1.41	0.045	87	1.6	15.0	< 3	123	< 0.5	0.40	6.9	5.7	167	< 1	11	16.9	34	7	2.3
311760	< 5	1.63	15	0.76	1090	1.53	0.072	< 15	0.7	13.8	< 3	141	< 0.5	0.37	4.7	0.9	153	< 1	8	16.8	39	12	2.6
311761	< 5	1.23	18	1.36	1070	1.53	0.056	55	2.0	14.5	< 3	106	< 0.5	0.41	4.7	4.2	163	< 1	12	18.7	41	15	2.7
311762	< 5	2.32	18	0.56	228	1.11	0.080	84	4.0	13.9	< 3	49	< 0.5	0.23	7.2	5.2	231	< 1	14	32.2	68	27	5.8
311763	< 5	1.28	13	0.35	122	0.52	0.098	< 15	4.9	8.4	< 3	81	< 0.5	0.27	5.4	3.0	108	< 1	8	15.2	26	13	2.2
311764	< 5	0.30	2	0.15	161	0.22	0.037	< 15	0.7	3.1	< 3	24	< 0.5	0.06	3.7	4.0	101	< 1	3	7.0	15	< 5	1.1
311765	< 5	0.90	4	0.09	78	0.23	0.128	< 15	11.7	5.3	< 3	26	1.2	0.16	3.6	2.5	421	< 1	5	9.4	16	17	1.4
311766	< 5	1.40	16	0.62	343	0.94	0.112	47	5.3	14.9	< 3	101	< 0.5	0.24	5.3	21.9	212	< 1	14	43.7	76	18	4.5
311767	< 5	1.78	7	0.36	214	0.72	0.093	93	4.6	7.2	< 3	104	< 0.5	0.22	5.7	7.8	144	< 1	6	15.6	29	11	2.2
311768	< 5	2.42	13	0.49	226	1.29	0.059	110	4.0	10.8	10	156	< 0.5	0.34	4.2	2.9	157	< 1	7	21.5	42	12	2.7
311769	< 5	1.20	31	0.99	559	1.08	0.067	46	6.2	21.0	< 3	95	< 0.5	0.28	4.8	4.8	211	< 1	7	15.9	36	14	2.9
311770	< 5	0.66	45	0.98	2120	0.99	0.053	< 15	1.0	32.2	< 3	96	< 0.5	0.26	1.8	1.3	275	3	11	10.0	18	7	4.0
311771	< 5	1.76	15	1.12	422	1.48	0.053	< 15	1.9	13.6	< 3	153	< 0.5	0.39	5.7	1.1	150	< 1	7	14.2	27	10	2.1
311772	< 5	1.46	27	1.78	538	1.49	0.026	83	1.8	18.3	< 3	139	< 0.5	0.39	5.4	< 0.5	179	< 1	11	16.2	32	17	2.8
311773	< 5	0.25	30	3.93	904	2.13	0.014	< 15	0.8	27.1	< 3	68	< 0.5	0.19	0.5	< 0.5	192	< 1	21	2.7	16	< 5	1.9
311774	< 5	1.68	24	1.60	542	1.36	0.027	< 15	0.9	18.4	< 3	140	< 0.5	0.27	5.2	1.4	157	< 1	13	15.9	34	16	2.7
311775	< 5	1.25	25	1.12	701	1.13	0.064	< 15	1.8	14.8	< 3	97	< 0.5	0.26	6.7	3.9	150	< 1	10	30.4	47	20	4.2
311776	< 5	1.69	23	1.22	2700	1.52	0.035	< 15	0.9	14.6	< 3	163	< 0.5	0.36	5.8	1.8	152	< 1	9	15.4	38	12	2.3
311777	< 5	2.01	25	1.20	1100	1.55	0.052	179	0.8	12.1	< 3	180	< 0.5	0.33	10.5	3.0	127	< 1	13	22.1	66	17	3.2
311778	< 5	1.42	8	0.35	1490	3.33	0.054	< 15	0.5	34.2	< 3	86	< 0.5	0.18	0.7	< 0.5	316	< 1	10	6.2	18	< 5	3.3
311779	< 5	3.22	15	0.52	179	0.78	0.108	193	17.5	21.0	< 3	81	< 0.5	0.46	5.1	4.2	222	< 1	10	32.2	67	19	4.9

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
311780	< 5	1.33	27	0.50	4110	1.14	0.109	43	6.2	14.9	< 3	122	< 0.5	0.20	4.2	6.9	208	< 1	7	13.6	33	8	2.5
311781	< 5	0.66	11	0.23	10500	0.34	0.166	< 15	5.2	4.5	4	42	< 0.5	0.12	4.7	16.0	260	< 1	13	14.9	49	11	2.5
311782	< 5	0.22	58	1.88	1930	1.78	0.063	< 15	1.6	42.6	< 3	69	< 0.5	0.25	< 0.2	< 0.5	294	< 1	6	5.9	30	13	5.9
311783	< 5	0.69	11	0.40	948	0.53	0.128	< 15	4.9	13.2	< 3	63	< 0.5	0.20	5.3	13.7	73	< 1	32	56.7	83	64	10.9
311784	< 5	0.41	12	2.88	1190	1.39	0.036	< 15	1.1	32.1	< 3	76	< 0.5	0.37	1.4	1.4	250	< 1	20	7.6	19	< 5	2.5
311785	< 5	2.09	29	1.18	2280	1.70	0.092	127	0.3	10.9	< 3	191	< 0.5	0.37	16.1	2.5	126	< 1	19	47.2	116	28	5.2
311786	< 5	2.43	28	1.18	1050	1.98	0.042	44	< 0.1	9.5	< 3	290	< 0.5	0.31	10.3	2.0	86	< 1	17	36.8	95	22	5.2
311787	< 5	2.88	27	1.10	617	1.94	0.047	141	< 0.1	10.7	< 3	240	< 0.5	0.32	10.7	1.4	76	< 1	16	35.9	78	22	4.8
311788	< 5	2.56	25	0.87	384	1.95	0.038	141	0.3	9.6	< 3	223	< 0.5	0.27	8.4	1.8	60	< 1	13	32.5	61	21	4.3
311789	< 5	2.23	22	0.82	602	1.91	0.077	125	0.1	8.0	< 3	230	< 0.5	0.28	11.3	1.6	64	< 1	15	31.9	92	25	4.8
311790	< 5	2.45	24	0.93	648	2.14	0.077	173	< 0.1	9.9	< 3	242	< 0.5	0.33	9.5	2.3	73	< 1	14	35.0	71	24	5.0
311791	< 5	2.59	29	1.16	635	1.96	0.068	189	< 0.1	10.7	< 3	233	< 0.5	0.31	10.7	2.7	74	< 1	17	35.5	66	44	5.0
311792	< 5	2.00	17	0.73	436	2.10	0.033	120	< 0.1	7.8	< 3	208	< 0.5	0.26	6.5	2.9	88	< 1	9	22.1	44	14	2.9
311793	< 5	2.48	24	0.97	483	2.01	0.055	113	0.6	9.3	< 3	256	< 0.5	0.30	8.8	1.7	65	< 1	16	31.6	63	23	4.7
311794	< 5	1.53	18	1.19	497	1.62	0.066	27	1.9	16.1	< 3	108	< 0.5	0.36	4.8	4.4	171	< 1	9	11.8	31	7	1.7
311795	< 5	0.84	70	1.92	2070	0.54	0.071	< 15	0.9	37.5	< 3	89	< 0.5	0.30	0.6	< 0.5	298	< 1	7	6.8	6	15	4.3
311796	< 5	0.07	< 1	0.02	39	0.04	0.039	< 15	< 0.1	0.8	< 3	5	< 0.5	0.01	< 0.2	1.6	51	< 1	< 1	1.5	< 3	< 5	0.2
311797	< 5	2.87	30	1.22	566	1.84	0.078	144	0.4	10.1	< 3	232	< 0.5	0.30	10.4	2.8	76	< 1	15	26.6	61	15	4.0
311798	< 5	2.41	19	0.95	360	2.04	0.034	142	0.4	9.2	< 3	262	< 0.5	0.28	10.5	3.1	70	< 1	11	24.3	56	17	3.2
311799	< 5	2.65	24	1.01	496	2.05	0.048	91	< 0.1	9.5	< 3	257	< 0.5	0.13	9.2	< 0.5	35	< 1	15	29.0	61	23	4.5
311800	< 5	2.24	37	1.31	815	1.76	0.044	78	0.8	12.1	< 3	285	< 0.5	0.14	6.2	3.7	85	< 1	29	23.6	62	16	4.4
311801	< 5	0.68	5	0.91	11300	0.43	0.068	36	1.1	5.4	< 3	59	< 0.5	0.14	3.6	1.4	93	< 1	22	24.6	37	19	5.2
311802	< 5	2.18	32	1.25	1720	1.40	0.041	55	0.3	13.7	< 3	141	< 0.5	0.29	9.7	4.2	114	< 1	12	19.5	46	9	2.9
311803	< 5	2.22	18	0.27	368	1.68	0.031	162	0.3	3.8	< 3	85	< 0.5	0.15	12.5	2.0	26	< 1	12	20.4	44	14	2.7
311804	< 5	2.40	25	1.10	781	1.79	0.055	57	0.3	9.1	< 3	243	< 0.5	0.32	10.5	1.4	95	< 1	16	30.9	69	24	4.6
311805	< 5	2.57	25	1.16	429	1.94	0.064	101	0.6	9.5	< 3	255	< 0.5	0.30	9.0	1.7	74	< 1	14	26.3	56	18	4.1
311806	< 5	1.85	28	1.15	1130	1.44	0.032	73	0.4	8.0	< 3	161	< 0.5	0.26	6.8	< 0.5	67	< 1	11	17.9	41	15	2.7
311807	< 5	1.73	28	1.34	2220	1.02	0.037	204	0.1	8.2	< 3	106	< 0.5	0.30	8.3	3.1	74	< 1	13	33.7	72	24	5.3
311808	< 5	1.47	33	1.80	1270	0.76	0.058	132	0.7	8.3	< 3	22	1.3	0.39	7.9	4.1	94	< 1	10	27.2	56	19	4.3
311809	< 5	0.49	7	0.37	882	0.15	0.046	40	0.2	2.0	< 3	16	< 0.5	0.10	3.2	< 0.5	37	< 1	4	1.7	7	< 5	0.4
311810	< 5	0.26	6	1.09	2300	0.11	0.039	48	0.9	5.8	< 3	15	< 0.5	0.21	4.7	< 0.5	58	< 1	16	14.7	29	12	3.0
311811	< 5	0.57	13	1.82	474	0.56	0.015	19	1.2	27.3	< 3	100	< 0.5	0.15	2.9	< 0.5	161	< 1	22	10.2	29	9	3.1
311812	< 5	0.46	29	1.27	1550	0.12	0.031	100	0.2	5.3	< 3	9	< 0.5	0.15	8.5	2.4	54	< 1	12	17.5	40	16	2.8
311813	< 5	1.09	37	1.31	1640	0.72	0.031	99	< 0.1	6.7	< 3	92	< 0.5	0.24	5.6	2.7	63	< 1	11	15.7	37	15	2.6
311814	< 5	1.86	60	1.81	1780	0.25	0.033	219	0.5	8.0	< 3	23	< 0.5	0.25	11.9	1.6	73	< 1	11	22.9	50	16	3.9
311815	< 5	0.74	8	2.49	1540	0.10	0.029	40	1.1	6.7	< 3	8	< 0.5	0.20	9.4	1.3	62	< 1	14	14.0	45	8	2.5
311816	< 5	1.71	15	0.97	552	1.82	0.046	102	< 0.1	9.8	< 3	222	< 0.5	0.24	4.5	< 0.5	78	< 1	8	11.2	26	< 5	2.0
311817	< 5	2.07	16	0.84	382	2.09	0.028	125	0.2	8.0	< 3	255	< 0.5	0.23	5.7	< 0.5	58	< 1	8	14.7	36	11	2.4
311818	< 5	2.02	12	0.83	363	1.73	0.030	70	0.2	9.1	< 3	213	< 0.5	0.36	6.2	1.9	90	< 1	9	18.7	42	17	2.8
311819	< 5	2.41	15	0.62	246	1.60	0.020	124	< 0.1	9.4	< 3	177	< 0.5	0.33	7.2	2.8	84	< 1	10	18.3	47	11	2.6
311820	< 5	0.60	37	2.82	820	0.44	0.021	< 15	0.3	17.6	< 3	56	< 0.5	0.26	4.4	1.2	174	< 1	11	22.6	73	27	5.3
311821	< 5	2.89	11	0.34	168	0.56	0.061	159	14.7	11.9	15	39	6.1	0.38	15.3	12.9	256	< 1	26	11.4	40	15	4.0

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
311822	< 5	2.35	14	0.69	237	1.21	0.116	40	3.5	10.8	8	86	2.7	0.30	17.7	10.9	109	< 1	31	22.4	64	15	5.2
311823	< 5	0.77	4	0.23	196	0.58	0.210	< 15	0.7	4.8	< 3	76	< 0.5	0.14	5.8	3.6	107	< 1	10	19.0	45	10	3.0
311824	< 5	4.19	18	0.79	111	1.15	0.068	193	10.8	18.6	16	41	3.8	0.41	14.9	12.2	337	< 1	17	8.5	29	16	4.6
311825	< 5	1.97	8	0.43	88	1.48	0.046	< 15	2.4	34.2	26	39	< 0.5	0.16	2.1	< 0.5	546	< 1	5	1.1	< 3	< 5	0.9
311826	< 5	2.89	11	0.25	67	0.62	0.040	134	23.1	15.1	26	34	4.8	0.20	5.3	11.4	339	< 1	11	8.3	25	12	3.0
311827	< 5	0.11	3	0.58	11100	0.10	0.058	< 15	0.2	2.6	< 3	17	< 0.5	0.04	2.9	< 0.5	51	< 1	19	17.8	35	16	3.1
311828	< 5	2.44	16	0.76	433	2.00	0.051	32	0.2	7.0	< 3	279	< 0.5	0.27	7.9	1.4	73	< 1	14	19.9	46	12	3.0
311830	< 5	1.54	13	2.28	726	1.38	0.016	22	0.2	25.1	< 3	173	< 0.5	0.45	4.6	< 0.5	212	< 1	12	14.0	35	15	2.4
311831	< 5	1.59	8	1.56	469	1.62	0.017	< 15	0.4	16.7	< 3	163	< 0.5	0.39	6.5	< 0.5	151	< 1	10	17.4	41	18	2.7
311832	< 5	1.53	8	0.95	879	1.42	0.028	149	0.4	6.8	< 3	168	< 0.5	0.34	4.5	1.4	100	< 1	8	12.2	30	10	1.9
311833	< 5	1.60	51	1.74	1380	0.45	0.036	67	0.6	8.0	< 3	49	< 0.5	0.24	10.6	4.1	83	< 1	9	26.6	48	23	4.0
311834	< 5	1.74	18	1.04	445	1.58	0.032	56	4.1	11.2	< 3	157	< 0.5	0.22	6.5	< 0.5	82	< 1	10	17.5	67	16	2.8
311835	< 5	1.83	11	1.02	421	1.71	0.025	< 15	2.4	12.0	< 3	194	< 0.5	0.29	5.7	3.9	95	< 1	10	16.4	55	11	2.3
311836	< 5	1.86	9	0.84	440	1.63	0.038	109	2.2	8.9	< 3	195	< 0.5	0.37	6.3	1.1	99	< 1	9	17.0	40	14	2.4
311837	< 5	1.87	19	1.11	856	1.88	0.018	79	1.8	8.4	< 3	227	< 0.5	0.29	7.4	1.4	75	< 1	13	21.9	53	21	3.4
311838	< 5	1.35	10	0.54	773	1.23	0.027	31	1.8	5.0	< 3	149	< 0.5	0.21	3.5	0.9	74	< 1	8	11.4	30	12	1.8
311839	< 5	2.10	12	0.86	391	1.80	0.029	63	2.0	9.3	< 3	225	< 0.5	0.16	7.8	1.9	57	< 1	11	20.4	48	12	3.0
311840	< 5	1.32	16	1.21	650	1.17	0.017	90	1.8	6.0	< 3	150	< 0.5	0.23	4.9	1.0	64	< 1	12	11.4	27	10	1.9
311841	< 5	2.10	20	1.03	570	2.06	0.021	68	2.9	9.3	< 3	228	< 0.5	0.30	8.6	1.6	80	< 1	12	22.7	58	16	3.7
311842	< 5	1.58	12	1.11	871	1.55	0.020	64	1.0	8.8	< 3	158	< 0.5	0.40	6.1	1.5	124	< 1	10	15.5	40	19	2.4
311843	< 5	1.57	10	0.73	414	1.49	0.037	35	0.6	8.1	< 3	160	< 0.5	0.29	5.7	1.3	95	< 1	7	16.5	31	10	2.1
311844	< 5	1.91	14	1.12	481	1.81	0.017	28	0.5	11.3	< 3	222	< 0.5	0.20	6.5	2.1	69	< 1	11	19.2	45	15	2.8
311845	< 5	2.06	18	0.93	426	2.10	0.040	58	0.2	8.6	< 3	256	< 0.5	0.24	5.3	< 0.5	65	< 1	10	14.0	33	15	2.4
311846	< 5	1.72	20	1.01	479	1.82	0.033	34	1.4	12.0	< 3	203	< 0.5	0.32	6.2	< 0.5	92	< 1	12	19.1	44	6	3.1
311847	< 5	2.32	12	0.72	364	2.36	0.027	67	0.5	7.7	< 3	297	< 0.5	0.27	4.3	< 0.5	62	< 1	10	16.1	39	12	2.7
311848	< 5	2.39	22	1.08	359	1.99	0.016	129	< 0.1	9.8	< 3	251	< 0.5	0.09	8.9	< 0.5	25	< 1	12	26.2	54	14	3.6
311849	< 5	1.82	16	1.14	515	1.67	0.033	< 15	0.7	13.7	< 3	214	< 0.5	0.25	5.9	< 0.5	93	< 1	15	21.4	53	20	3.6
311850	< 5	2.12	35	1.18	782	1.74	0.043	33	0.5	11.9	< 3	266	< 0.5	0.33	5.6	3.1	169	< 1	25	23.1	65	14	4.2
312601	< 5	2.01	22	0.93	2050	1.66	0.063	62	< 0.1	13.6	< 3	204	< 0.5	0.36	23.5	2.9	164	< 1	38	93.2	208	68	12.9
312602	< 5	1.94	23	0.96	651	2.00	0.068	44	0.3	11.5	< 3	228	< 0.5	0.37	15.3	0.8	127	< 1	18	35.8	83	15	4.7
312603	< 5	2.20	27	1.03	655	1.78	0.030	147	0.6	9.7	< 3	227	< 0.5	0.35	14.5	2.6	119	< 1	16	38.5	91	25	5.0
312604	< 5	1.97	22	0.94	685	1.90	0.062	54	0.2	10.5	< 3	221	< 0.5	0.36	19.7	2.6	150	< 1	16	39.5	92	26	4.5
312605	< 5	1.81	22	0.84	757	1.83	0.057	43	0.3	10.0	< 3	216	< 0.5	0.35	19.4	1.2	157	< 1	16	42.0	85	31	4.9
309701	< 5	2.02	20	1.08	1000	1.02	0.088	165	2.2	9.8	< 3	114	< 0.5	0.31	7.2	3.2	164	< 1	9	20.8	44	7	2.8
309702	< 5	2.21	21	1.18	739	1.49	0.056	122	0.9	8.9	< 3	175	< 0.5	0.31	7.0	1.7	109	< 1	10	24.0	45	20	3.2
309703	< 5	1.80	8	0.78	255	1.58	0.012	< 15	0.5	10.9	< 3	185	< 0.5	0.37	7.2	2.5	99	< 1	11	21.9	48	14	2.9
309704	< 5	1.49	23	0.78	503	1.13	0.054	38	6.0	8.4	< 3	138	< 0.5	0.29	6.8	3.6	127	< 1	10	18.9	47	13	2.9
309705	< 5	0.48	38	6.52	765	0.55	0.032	< 15	0.5	14.6	< 3	53	< 0.5	0.49	1.9	< 0.5	159	< 1	13	7.0	20	8	2.0
309706	< 5	2.32	18	0.81	405	1.90	0.032	127	0.3	8.1	< 3	228	< 0.5	0.30	8.9	1.0	79	< 1	11	22.1	54	15	3.2
309707	< 5	2.58	23	1.01	595	2.07	0.068	80	0.3	8.7	< 3	268	< 0.5	0.29	10.0	2.9	76	< 1	15	28.6	77	18	4.2
312866	< 5	2.68	27	1.11	613	2.15	0.063	95	0.6	10.0	< 3	248	< 0.5	0.24	11.7	1.6	66	< 1	17	30.1	73	39	5.0
312867	< 5	4.06	16	1.00	800	0.35	0.051	181	0.2	63.1	< 3	42	< 0.5	0.13	< 0.2	< 0.5	229	< 1	19	9.2	30	23	6.1

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
309251	< 0.01	< 0.5	1.6	0.10	30.1
309252	< 0.01	0.9	2.4	0.34	1.15
309253	< 0.01	1.8	1.8	0.10	29.5
309254	< 0.01	< 0.5	1.4	0.10	29.1
309255	< 0.01	0.6	0.9	< 0.05	25.4
309256	< 0.01	< 0.5	1.5	0.10	28.2
309257	< 0.01	< 0.5	1.6	0.10	28.5
309258	< 0.01	< 0.5	1.1	0.10	26.1
309259	< 0.01	< 0.5	1.1	0.20	6.72
309260	< 0.01	< 0.5	0.9	0.10	31.4
309261	< 0.01	< 0.5	0.9	0.10	27.5
309262	< 0.01	< 0.5	1.8	0.10	17.5
309263	< 0.01	< 0.5	1.5	0.10	21.3
309264	< 0.01	0.6	1.4	0.26	5.48
309265	< 0.01	< 0.5	1.4	0.10	22.7
309266	< 0.01	< 0.5	1.9	0.35	5.69
309267	< 0.01	< 0.5	1.7	0.10	24.6
309268	< 0.01	< 0.5	1.5	0.10	25.8
309269	< 0.01	< 0.5	1.3	0.10	27.2
309270	< 0.01	< 0.5	1.2	0.32	6.12
309271	< 0.01	< 0.5	1.5	0.10	29.2
309272	< 0.01	< 0.5	1.3	0.25	6.32
309273	< 0.01	< 0.5	1.0	0.10	25.1
309274	< 0.01	< 0.5	1.4	0.10	27.8
309275	< 0.01	0.7	4.5	0.20	26.8
309276	< 0.01	< 0.5	2.1	0.10	24.9
309277	< 0.01	< 0.5	1.4	0.10	28.3
309278	< 0.01	< 0.5	1.4	0.10	31.2
309279	< 0.01	< 0.5	2.0	0.10	30.4
309280	< 0.01	< 0.5	1.1	0.10	28.1
309281	< 0.01	< 0.5	1.3	0.10	29.2
309282	< 0.01	< 0.5	1.4	0.10	33.8
309283	< 0.01	< 0.5	1.9	0.10	25.2
309284	< 0.01	< 0.5	1.8	0.10	26.1
309285	< 0.01	< 0.5	1.4	0.10	30.1
309286	< 0.01	< 0.5	1.0	< 0.05	32.9
309287	< 0.01	< 0.5	1.3	0.10	27.0
309288	< 0.01	< 0.5	1.1	0.10	29.5
309289	< 0.01	< 0.5	0.9	0.10	37.0
309290	< 0.01	< 0.5	1.7	0.10	19.9
309291	< 0.01	< 0.5	1.2	0.10	25.5
309292	< 0.01	< 0.5	1.7	0.10	21.9

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
309293	< 0.01	< 0.5	1.0	< 0.05	26.5
309294	< 0.01	< 0.5	0.8	0.10	18.8
309295	< 0.01	< 0.5	1.4	< 0.05	21.3
309296	< 0.01	< 0.5	1.0	< 0.05	25.3
309297	< 0.01	< 0.5	3.0	0.20	26.1
309298	< 0.01	< 0.5	1.5	< 0.05	23.0
309299	< 0.01	< 0.5	1.2	0.10	20.8
309300	< 0.01	< 0.5	2.6	0.20	34.2
309551	< 0.01	< 0.5	1.7	0.10	27.0
309552	< 0.01	< 0.5	1.2	0.10	28.7
309553	< 0.01	< 0.5	2.7	0.20	20.0
309554	< 0.01	< 0.5	1.2	0.10	33.3
309555	< 0.01	< 0.5	1.2	0.10	32.5
309556	< 0.01	< 0.5	3.0	0.20	20.8
309557	< 0.01	< 0.5	3.4	0.30	22.4
309558	< 0.01	< 0.5	1.8	0.20	23.3
309559	< 0.01	< 0.5	2.6	0.40	21.0
309560	< 0.01	< 0.5	1.2	0.10	28.3
309561	< 0.01	< 0.5	0.9	0.10	30.0
309562	< 0.01	< 0.5	0.9	0.10	28.9
309563	< 0.01	< 0.5	2.6	0.10	30.7
309564	< 0.01	< 0.5	2.0	0.20	32.5
309565	< 0.01	< 0.5	1.1	0.10	28.4
309566	< 0.01	0.6	1.3	0.10	30.5
309567	< 0.01	< 0.5	1.2	0.10	25.1
309568	< 0.01	< 0.5	1.4	0.10	23.2
309569	< 0.01	< 0.5	1.3	0.15	17.6
309570	< 0.01	< 0.5	1.3	0.10	25.3
309571	< 0.01	< 0.5	1.4	0.10	29.1
309572	< 0.01	< 0.5	0.6	0.10	33.6
309573	< 0.01	< 0.5	1.2	0.10	29.4
309574	< 0.01	< 0.5	1.3	0.10	25.3
309575	< 0.01	< 0.5	1.3	0.20	23.0
309576	< 0.01	< 0.5	1.5	0.20	31.3
309577	< 0.01	< 0.5	1.2	0.10	25.7
309578	< 0.01	< 0.5	1.7	0.20	24.6
309579	< 0.01	0.5	1.3	0.10	29.9
309580	< 0.01	0.5	1.0	0.10	24.0
309581	< 0.01	< 0.5	0.6	< 0.05	39.6
309582	< 0.01	< 0.5	0.3	< 0.05	39.3
309583	< 0.01	< 0.5	1.2	0.10	30.4
309584	< 0.01	< 0.5	0.6	< 0.05	30.1

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
309585	< 0.01	< 0.5	1.3	0.10	33.6
309586	< 0.01	< 0.5	0.7	0.10	39.8
309587	< 0.01	< 0.5	1.3	0.10	29.4
309588	< 0.01	< 0.5	1.2	0.10	27.2
309589	< 0.01	< 0.5	1.0	0.10	31.6
309590	< 0.01	< 0.5	1.1	0.10	31.9
309591	< 0.01	< 0.5	0.9	0.10	32.1
309592	< 0.01	< 0.5	1.6	0.10	31.3
309593	< 0.01	< 0.5	1.6	0.10	40.2
309594	< 0.01	< 0.5	1.0	0.10	35.8
309595	< 0.01	< 0.5	1.5	0.10	31.6
309596	< 0.01	< 0.5	1.0	0.10	34.6
309597	< 0.01	< 0.5	1.2	0.10	40.4
309598	< 0.01	< 0.5	1.1	0.10	38.0
309599	< 0.01	< 0.5	2.6	0.20	27.7
309600	< 0.01	< 0.5	2.6	0.20	40.6
312401	< 0.01	< 0.5	1.0	0.10	27.0
312402	< 0.01	< 0.5	1.1	0.10	29.5
312403	< 0.01	< 0.5	1.2	0.10	36.2
312404	< 0.01	< 0.5	1.8	0.30	34.6
312405	< 0.01	< 0.5	1.6	0.20	28.3
312406	< 0.01	< 0.5	1.0	0.10	30.2
312407	< 0.01	< 0.5	2.9	0.20	30.0
312408	< 0.01	< 0.5	2.3	0.30	31.9
312409	< 0.01	< 0.5	1.0	0.10	31.0
312410	< 0.01	< 0.5	1.0	0.10	25.2
312411	< 0.01	< 0.5	1.2	0.10	38.9
312412	< 0.01	< 0.5	5.8	0.60	27.6
312413	< 0.01	< 0.5	1.2	0.10	42.6
312414	< 0.01	< 0.5	3.0	0.20	28.4
312415	< 0.01	< 0.5	1.6	0.10	21.3
312416	< 0.01	< 0.5	0.5	< 0.05	34.6
312417	< 0.01	< 0.5	1.3	< 0.05	29.6
312418	< 0.01	< 0.5	1.4	0.10	26.1
312419	< 0.01	< 0.5	1.9	0.29	6.47
312420	< 0.01	< 0.5	1.1	0.10	32.6
312421	< 0.01	< 0.5	1.3	0.10	26.4
312422	< 0.01	< 0.5	1.6	0.28	5.49
312423	< 0.01	< 0.5	1.5	0.10	32.1
312424	< 0.01	< 0.5	1.2	0.10	30.5
312425	< 0.01	< 0.5	1.3	0.10	40.1
312426	< 0.01	< 0.5	1.8	0.10	35.9

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
312427	< 0.01	< 0.5	1.4	0.10	23.8
312428	< 0.01	< 0.5	1.7	0.10	25.5
312429	< 0.01	< 0.5	0.9	< 0.05	26.8
312430	< 0.01	1.1	2.2	0.10	21.8
312431	< 0.01	0.6	1.8	0.10	24.9
312432	< 0.01	0.6	1.1	0.10	20.5
312433	< 0.01	< 0.5	1.5	0.10	32.3
312434	< 0.01	< 0.5	2.0	0.10	26.7
312435	< 0.01	< 0.5	1.6	0.10	24.3
312436	< 0.01	0.5	1.2	0.10	29.5
312437	< 0.01	0.9	1.9	0.20	28.8
312438	< 0.01	< 0.5	1.3	0.10	35.8
312439	< 0.01	< 0.5	1.5	0.10	30.0
312440	< 0.01	0.6	2.1	0.20	27.7
312441	< 0.01	< 0.5	1.2	0.10	26.0
312442	< 0.01	< 0.5	1.2	0.10	33.8
312443	< 0.01	< 0.5	1.7	0.10	38.8
312444	< 0.01	0.6	1.5	0.10	37.7
310001	< 0.01	< 0.5	1.0	0.10	35.9
310002	< 0.01	< 0.5	1.5	0.10	36.9
310003	< 0.01	< 0.5	0.9	0.10	36.5
310004	< 0.01	< 0.5	1.4	0.10	27.5
310005	< 0.01	0.6	2.0	0.20	28.9
310006	< 0.01	< 0.5	1.1	0.10	29.9
310007	< 0.01	< 0.5	3.2	0.20	34.5
310008	< 0.01	< 0.5	1.6	0.10	29.4
310009	< 0.01	< 0.5	< 0.2	0.08	8.63
310010	< 0.01	< 0.5	1.5	0.10	28.7
310011	< 0.01	< 0.5	1.0	0.10	33.2
310012	< 0.01	< 0.5	1.3	0.10	29.3
310013	< 0.01	< 0.5	2.6	0.20	22.8
310014	< 0.01	< 0.5	1.9	0.10	29.7
310015	< 0.01	< 0.5	1.1	0.10	30.9
310016	< 0.01	< 0.5	1.9	0.10	26.5
310017	< 0.01	< 0.5	1.0	0.10	33.9
310018	< 0.01	< 0.5	1.4	0.10	24.6
310019	< 0.01	< 0.5	1.5	0.10	26.9
310020	< 0.01	< 0.5	1.3	0.10	31.9
310021	< 0.01	< 0.5	1.9	0.10	30.8
310022	< 0.01	< 0.5	2.2	0.20	37.5
310023	< 0.01	< 0.5	3.2	0.20	27.1
310024	< 0.01	< 0.5	1.6	0.10	25.0

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
310025	< 0.01	< 0.5	1.6	0.10	34.8
310026	< 0.01	< 0.5	1.9	0.10	28.5
310027	< 0.01	< 0.5	2.3	0.10	28.4
310028	< 0.01	< 0.5	1.5	0.10	34.4
310029	< 0.01	< 0.5	1.6	0.10	28.3
310030	< 0.01	< 0.5	0.8	< 0.05	33.5
310031	< 0.01	< 0.5	1.3	0.10	30.9
310032	< 0.01	< 0.5	1.1	< 0.05	35.3
310033	< 0.01	< 0.5	1.8	0.10	30.2
310034	< 0.01	< 0.5	1.0	0.10	42.3
310035	< 0.01	< 0.5	1.2	0.10	30.7
310036	< 0.01	< 0.5	2.5	0.10	29.8
310037	< 0.01	< 0.5	4.9	0.95	5.12
310038	< 0.01	< 0.5	2.6	0.10	32.0
310039	< 0.01	< 0.5	1.8	0.10	29.6
310040	< 0.01	< 0.5	1.6	0.10	32.7
310041	< 0.01	< 0.5	1.2	0.10	38.7
310042	< 0.01	< 0.5	0.8	< 0.05	29.9
310043	< 0.01	< 0.5	1.6	0.10	31.8
310044	< 0.01	< 0.5	1.6	0.10	34.0
310045	< 0.01	< 0.5	3.3	0.10	33.2
310046	< 0.01	< 0.5	1.3	0.10	36.3
310047	< 0.01	< 0.5	1.1	0.10	29.0
310048	< 0.01	0.5	1.8	0.10	30.2
310049	< 0.01	< 0.5	< 0.2	< 0.05	29.2
310050	< 0.01	0.8	2.3	0.10	42.1
309401	< 0.01	< 0.5	1.6	0.10	33.1
309402	< 0.01	< 0.5	1.4	0.10	29.8
309403	< 0.01	< 0.5	1.1	0.10	31.9
309404	< 0.01	< 0.5	1.6	0.10	25.1
309405	< 0.01	< 0.5	1.5	0.10	28.0
309406	< 0.01	< 0.5	3.0	0.20	31.0
309407	< 0.01	< 0.5	2.8	0.10	26.2
309408	< 0.01	< 0.5	1.5	0.10	25.5
309409	< 0.01	< 0.5	1.3	0.10	21.7
309410	< 0.01	< 0.5	1.6	0.10	30.1
309411	< 0.01	< 0.5	1.2	0.10	20.9
309412	< 0.01	< 0.5	0.8	0.10	37.5
309413	< 0.01	< 0.5	1.4	0.10	24.3
309414	< 0.01	< 0.5	1.3	0.10	29.4
309415	< 0.01	< 0.5	1.2	0.10	33.1
309416	< 0.01	< 0.5	1.6	0.10	31.4

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
309417	< 0.01	< 0.5	1.1	0.10	34.0
309418	< 0.01	< 0.5	< 0.2	0.10	43.2
309419	< 0.01	< 0.5	< 0.2	< 0.05	42.2
309420	< 0.01	< 0.5	< 0.2	< 0.05	37.0
309421	< 0.01	< 0.5	< 0.2	< 0.05	41.7
309422	< 0.01	< 0.5	< 0.2	< 0.05	39.4
309423	< 0.01	< 0.5	1.6	0.10	29.3
309424	< 0.01	< 0.5	1.2	0.10	28.7
309425	< 0.01	< 0.5	2.6	0.20	24.4
309426	< 0.01	< 0.5	2.7	0.10	20.8
309427	< 0.01	< 0.5	1.3	< 0.05	23.4
309428	< 0.01	< 0.5	1.5	0.10	35.5
309429	< 0.01	< 0.5	1.9	0.10	29.2
309430	< 0.01	< 0.5	1.7	0.19	7.86
309431	< 0.01	< 0.5	2.3	0.10	33.4
309432	< 0.01	< 0.5	2.2	0.20	25.1
309433	< 0.01	< 0.5	1.1	0.10	31.4
309434	< 0.01	< 0.5	1.5	0.10	28.3
309435	< 0.01	< 0.5	1.3	0.10	26.8
309436	< 0.01	< 0.5	1.3	0.10	29.8
309437	< 0.01	< 0.5	1.4	0.10	27.5
309438	< 0.01	< 0.5	1.0	0.10	32.2
309439	< 0.01	< 0.5	0.9	0.10	28.2
309440	< 0.01	< 0.5	0.6	< 0.05	24.6
309441	< 0.01	< 0.5	0.6	< 0.05	32.8
309442	< 0.01	< 0.5	0.5	< 0.05	42.8
309443	< 0.01	< 0.5	0.7	< 0.05	26.9
309444	< 0.01	< 0.5	1.3	0.10	29.9
309445	< 0.01	< 0.5	0.6	< 0.05	29.6
309446	< 0.01	< 0.5	1.1	0.15	6.94
309447	0.10	< 0.5	0.8	< 0.05	33.2
309448	< 0.01	< 0.5	0.8	< 0.05	28.9
309449	< 0.01	< 0.5	0.7	0.10	26.4
309450	< 0.01	< 0.5	2.0	0.10	40.8
312851	< 0.01	< 0.5	1.2	0.10	37.9
312852	< 0.01	< 0.5	2.0	0.10	36.6
312853	< 0.01	< 0.5	1.4	0.10	36.5
312854	< 0.01	< 0.5	2.0	0.10	41.8
312855	0.10	< 0.5	0.9	0.10	38.8
312856	< 0.01	< 0.5	0.9	0.10	38.3
312857	< 0.01	< 0.5	2.3	0.10	43.9
312858	< 0.01	< 0.5	1.1	0.10	45.1

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
312859	< 0.01	< 0.5	1.6	0.10	34.0
312860	< 0.01	< 0.5	1.6	0.10	32.7
312861	< 0.01	< 0.5	1.8	0.10	34.6
312862	< 0.01	< 0.5	1.6	0.10	36.8
312863	< 0.01	< 0.5	1.8	0.10	34.5
312864	< 0.01	< 0.5	1.4	0.10	39.0
312865	< 0.01	< 0.5	1.2	0.10	32.3
312868	< 0.01	< 0.5	1.5	0.10	26.7
312869	< 0.01	< 0.5	2.0	0.10	26.5
312870	< 0.01	< 0.5	1.1	0.10	39.9
312871	< 0.01	< 0.5	1.4	0.10	36.7
312872	< 0.01	< 0.5	1.5	0.10	36.8
312873	< 0.01	< 0.5	1.3	0.10	38.4
312874	< 0.01	< 0.5	1.0	0.10	35.5
312875	< 0.01	< 0.5	1.6	0.10	38.9
312876	< 0.01	< 0.5	1.2	0.10	40.4
312877	< 0.01	< 0.5	1.3	0.22	6.15
312878	< 0.01	< 0.5	1.3	< 0.05	42.3
312879	< 0.01	< 0.5	4.7	0.20	29.2
312880	< 0.01	0.7	1.6	0.10	42.3
312881	< 0.01	< 0.5	1.5	0.10	31.5
312882	< 0.01	< 0.5	1.9	0.10	23.1
312883	< 0.01	< 0.5	1.9	0.10	32.2
312884	< 0.01	< 0.5	1.8	0.10	30.1
312885	< 0.01	< 0.5	2.3	0.10	30.9
312886	< 0.01	< 0.5	1.1	0.10	28.7
312887	< 0.01	< 0.5	1.2	0.10	28.6
312888	< 0.01	< 0.5	1.1	0.10	32.4
312889	< 0.01	< 0.5	1.5	0.32	6.54
312890	< 0.01	< 0.5	1.0	0.10	36.4
312891	< 0.01	< 0.5	1.6	0.40	5.95
312892	< 0.01	< 0.5	1.2	0.10	27.4
312893	< 0.01	< 0.5	1.2	0.10	38.2
312894	< 0.01	< 0.5	2.2	0.10	35.5
312895	< 0.01	< 0.5	1.2	0.10	32.7
312896	< 0.01	< 0.5	1.1	0.10	40.8
312897	< 0.01	< 0.5	1.6	0.10	30.4
312898	< 0.01	< 0.5	1.4	0.10	45.1
312899	< 0.01	< 0.5	0.2	< 0.05	39.6
312900	< 0.01	< 0.5	2.5	0.20	40.2
312551	< 0.01	< 0.5	1.5	0.10	31.0
312552	< 0.01	< 0.5	1.0	0.10	36.3

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
312553	< 0.01	< 0.5	1.1	0.10	26.9
312554	< 0.01	< 0.5	1.5	0.10	36.6
312555	< 0.01	< 0.5	1.1	0.10	42.4
312556	< 0.01	< 0.5	1.2	0.10	37.1
312557	< 0.01	< 0.5	2.8	0.10	28.4
312558	< 0.01	< 0.5	1.1	0.10	39.4
312559	< 0.01	< 0.5	0.9	0.10	32.6
312560	< 0.01	< 0.5	1.1	0.10	41.4
312561	< 0.01	< 0.5	0.9	0.10	39.7
312562	< 0.01	< 0.5	0.8	< 0.05	38.1
312563	< 0.01	0.6	2.6	0.20	32.1
312564	< 0.01	< 0.5	1.3	0.10	32.2
312565	< 0.01	< 0.5	1.2	0.10	33.7
312566	< 0.01	0.7	2.2	0.10	28.6
312567	< 0.01	< 0.5	1.6	0.10	26.1
312568	< 0.01	< 0.5	0.8	0.10	35.3
312569	< 0.01	< 0.5	1.3	0.10	32.2
312570	< 0.01	< 0.5	1.9	0.10	32.6
312571	< 0.01	< 0.5	0.9	0.10	33.5
312572	< 0.01	< 0.5	1.2	0.10	31.1
312573	< 0.01	< 0.5	1.4	0.10	25.3
312574	< 0.01	< 0.5	1.0	0.10	37.1
312575	< 0.01	< 0.5	1.3	0.10	28.3
312576	< 0.01	< 0.5	1.4	0.10	32.0
312577	< 0.01	< 0.5	1.1	0.10	27.8
312578	< 0.01	< 0.5	1.3	0.10	33.1
312579	< 0.01	< 0.5	1.6	0.20	22.5
312582	< 0.01	< 0.5	0.9	0.10	33.9
312583	< 0.01	< 0.5	1.5	0.10	24.6
312586	< 0.01	0.9	4.9	0.30	25.8
312587	< 0.01	< 0.5	1.3	0.10	21.5
312588	< 0.01	< 0.5	1.3	0.10	19.5
312590	< 0.01	< 0.5	1.6	0.10	31.4
312591	< 0.01	< 0.5	1.7	0.10	26.0
312592	< 0.01	< 0.5	1.2	0.10	29.8
312593	< 0.01	0.5	1.3	0.10	22.6
312594	< 0.01	< 0.5	1.6	0.10	25.9
312595	< 0.01	< 0.5	1.3	0.10	31.5
312596	< 0.01	0.5	1.2	0.10	31.7
312597	< 0.01	< 0.5	1.3	0.10	21.4
312598	< 0.01	< 0.5	1.4	0.10	26.6
312599	< 0.01	< 0.5	1.8	0.10	25.4

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
312600	0.10	< 0.5	2.7	0.10	34.4
309851	< 0.01	< 0.5	1.3	< 0.05	22.5
309852	< 0.01	< 0.5	1.4	0.10	27.7
309853	< 0.01	< 0.5	1.2	0.10	27.6
309854	< 0.01	< 0.5	1.4	0.10	24.3
309855	< 0.01	< 0.5	1.1	< 0.05	34.9
309856	< 0.01	< 0.5	1.5	< 0.05	25.1
309857	< 0.01	< 0.5	1.1	0.10	28.9
309858	< 0.01	< 0.5	1.3	0.10	26.8
309859	< 0.01	< 0.5	1.4	0.31	6.47
309860	< 0.01	< 0.5	1.5	< 0.05	25.6
309861	< 0.01	< 0.5	2.2	0.20	24.4
309862	< 0.01	< 0.5	1.5	0.10	19.9
309863	< 0.01	< 0.5	1.6	0.21	5.88
309864	< 0.01	< 0.5	1.4	0.10	33.9
309865	< 0.01	< 0.5	1.2	0.10	32.7
309866	< 0.01	< 0.5	1.1	0.10	27.2
309867	< 0.01	< 0.5	1.2	0.10	28.0
309868	< 0.01	< 0.5	1.5	0.10	28.6
309869	< 0.01	< 0.5	< 0.2	0.10	20.2
309870	< 0.01	< 0.5	2.0	0.10	28.7
309871	< 0.01	< 0.5	1.3	0.10	36.3
309872	< 0.01	< 0.5	0.9	< 0.05	37.6
309873	< 0.01	< 0.5	1.7	0.10	30.0
309874	< 0.01	0.8	1.4	0.10	24.2
309875	< 0.01	< 0.5	1.3	0.10	28.4
309876	< 0.01	< 0.5	1.4	0.10	27.9
309877	< 0.01	< 0.5	1.0	0.10	32.3
309878	< 0.01	< 0.5	1.0	0.10	20.8
309879	< 0.01	< 0.5	1.2	< 0.05	29.6
309880	< 0.01	< 0.5	1.3	0.19	7.85
309881	< 0.01	< 0.5	1.3	0.10	25.7
309882	< 0.01	< 0.5	1.1	0.10	34.9
309883	< 0.01	< 0.5	1.6	0.10	25.6
309884	< 0.01	< 0.5	1.5	0.10	26.8
309885	< 0.01	< 0.5	1.0	< 0.05	31.1
309886	< 0.01	< 0.5	1.6	0.10	27.6
309887	< 0.01	< 0.5	1.3	0.10	26.4
309888	< 0.01	< 0.5	1.5	0.10	30.2
309889	< 0.01	< 0.5	1.6	0.10	34.2
309890	< 0.01	0.8	1.8	0.10	19.1
309891	< 0.01	< 0.5	1.5	0.10	26.8

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
309892	< 0.01	< 0.5	1.4	0.10	30.4
309893	< 0.01	< 0.5	1.0	0.10	31.7
309894	< 0.01	0.7	1.7	0.10	35.1
309895	< 0.01	< 0.5	1.7	0.10	26.4
309896	< 0.01	< 0.5	1.3	0.10	34.5
309897	< 0.01	< 0.5	1.7	0.10	23.1
309898	< 0.01	1.1	4.2	0.20	23.7
309899	< 0.01	< 0.5	1.4	0.10	38.5
309900	< 0.01	< 0.5	2.8	0.10	35.5
312701	< 0.01	< 0.5	1.5	0.10	29.5
312702	< 0.01	< 0.5	1.5	0.10	30.3
312703	< 0.01	< 0.5	1.2	0.10	29.4
312704	< 0.01	< 0.5	1.4	0.10	29.4
312705	< 0.01	< 0.5	1.1	< 0.05	36.2
312706	< 0.01	< 0.5	1.2	0.10	31.1
312707	< 0.01	< 0.5	1.4	0.10	33.5
312708	< 0.01	< 0.5	1.4	0.10	35.5
312709	< 0.01	< 0.5	1.4	0.10	36.2
312710	< 0.01	< 0.5	1.3	< 0.05	41.6
312711	< 0.01	< 0.5	1.4	0.10	16.6
312712	< 0.01	< 0.5	1.6	0.10	23.2
312713	< 0.01	< 0.5	1.6	0.10	25.1
312714	< 0.01	< 0.5	1.5	0.10	23.9
312715	< 0.01	< 0.5	1.5	0.10	28.6
312716	< 0.01	< 0.5	1.5	0.10	26.8
312717	< 0.01	< 0.5	0.9	0.10	33.9
312718	< 0.01	< 0.5	1.1	< 0.05	30.6
312719	< 0.01	< 0.5	1.3	< 0.05	26.5
312720	< 0.01	< 0.5	1.5	0.10	33.1
312721	< 0.01	< 0.5	1.6	0.10	32.8
312722	< 0.01	< 0.5	5.3	0.40	26.3
312723	< 0.01	< 0.5	1.0	< 0.05	30.5
312724	< 0.01	< 0.5	1.4	0.10	32.8
312725	< 0.01	< 0.5	1.5	0.10	33.8
312726	< 0.01	< 0.5	1.6	0.10	35.0
312727	< 0.01	< 0.5	1.4	< 0.05	35.3
312951	< 0.01	< 0.5	0.3	0.07	8.57
312952	< 0.01	< 0.5	< 0.2	< 0.05	22.4
312953	< 0.01	< 0.5	1.4	0.10	26.6
312954	< 0.01	0.9	2.9	0.20	29.4
312955	< 0.01	< 0.5	1.3	0.10	22.6
312956	< 0.01	< 0.5	1.4	0.24	6.49

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
312957	< 0.01	< 0.5	1.8	0.10	22.5
312958	< 0.01	< 0.5	1.2	0.10	32.0
312959	< 0.01	< 0.5	1.1	< 0.05	25.3
312960	< 0.01	< 0.5	1.2	< 0.05	23.9
312961	0.10	< 0.5	2.2	0.20	19.0
312962	< 0.01	< 0.5	1.2	0.10	29.7
312963	< 0.01	< 0.5	1.3	0.10	26.4
312964	< 0.01	< 0.5	0.5	< 0.05	29.3
312965	< 0.01	< 0.5	2.3	0.10	18.4
312966	< 0.01	< 0.5	2.1	0.10	24.8
312967	< 0.01	< 0.5	1.3	0.10	30.0
312968	< 0.01	< 0.5	1.1	< 0.05	30.7
312969	< 0.01	< 0.5	0.9	< 0.05	40.8
311751	< 0.01	< 0.5	1.4	0.10	31.7
311752	< 0.01	< 0.5	1.2	0.10	32.0
311753	< 0.01	< 0.5	1.2	0.10	34.2
311754	< 0.01	< 0.5	1.0	< 0.05	30.6
311755	< 0.01	< 0.5	1.0	0.10	28.2
311756	< 0.01	< 0.5	2.6	0.20	26.8
311757	< 0.01	< 0.5	0.8	< 0.05	32.7
311758	< 0.01	< 0.5	1.1	0.10	31.7
311759	< 0.01	< 0.5	1.1	< 0.05	30.4
311760	< 0.01	< 0.5	1.3	0.10	27.9
311761	< 0.01	< 0.5	1.4	< 0.05	31.0
311762	< 0.01	< 0.5	2.8	0.20	29.2
311763	< 0.01	< 0.5	1.3	0.10	29.3
311764	< 0.01	< 0.5	0.5	< 0.05	24.1
311765	< 0.01	< 0.5	1.2	0.10	25.4
311766	< 0.01	< 0.5	1.7	0.20	26.6
311767	< 0.01	< 0.5	1.1	0.10	30.8
311768	< 0.01	< 0.5	1.3	0.10	28.1
311769	< 0.01	< 0.5	1.9	0.10	22.9
311770	0.10	< 0.5	3.3	0.20	31.8
311771	< 0.01	< 0.5	1.1	0.10	31.1
311772	< 0.01	< 0.5	1.8	0.10	27.7
311773	< 0.01	< 0.5	2.1	0.10	29.5
311774	< 0.01	< 0.5	1.4	0.10	25.5
311775	< 0.01	< 0.5	1.6	0.10	24.8
311776	< 0.01	< 0.5	1.5	< 0.05	29.4
311777	< 0.01	< 0.5	1.4	0.10	33.5
311778	< 0.01	< 0.5	2.7	0.10	39.2
311779	< 0.01	< 0.5	1.6	0.10	23.4

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
311780	< 0.01	< 0.5	2.0	0.10	35.5
311781	< 0.01	< 0.5	2.5	0.30	29.2
311782	< 0.01	< 0.5	3.5	0.20	31.9
311783	< 0.01	< 0.5	2.8	0.20	17.9
311784	< 0.01	< 0.5	2.1	0.10	28.6
311785	< 0.01	< 0.5	1.8	0.37	1.64
311786	< 0.01	< 0.5	1.2	0.10	36.2
311787	< 0.01	< 0.5	1.6	0.10	31.7
311788	< 0.01	< 0.5	1.2	0.10	30.0
311789	< 0.01	< 0.5	1.2	0.10	32.8
311790	< 0.01	< 0.5	1.3	0.10	32.1
311791	< 0.01	< 0.5	1.3	0.10	31.5
311792	< 0.01	< 0.5	0.7	< 0.05	33.0
311793	< 0.01	< 0.5	1.5	0.10	29.5
311794	< 0.01	< 0.5	1.1	0.10	35.0
311795	< 0.01	< 0.5	2.9	0.20	32.7
311796	< 0.01	< 0.5	< 0.2	< 0.05	7.77
311797	< 0.01	< 0.5	1.2	0.10	27.3
311798	< 0.01	< 0.5	0.9	0.10	31.3
311799	< 0.01	< 0.5	1.3	0.10	32.0
311800	< 0.01	0.7	2.5	0.10	38.6
311801	< 0.01	< 0.5	2.3	0.10	22.6
311802	< 0.01	< 0.5	1.3	< 0.05	24.1
311803	< 0.01	< 0.5	1.2	0.25	6.17
311804	< 0.01	< 0.5	1.6	0.10	34.7
311805	< 0.01	< 0.5	1.2	< 0.05	29.0
311806	< 0.01	< 0.5	0.9	0.10	32.4
311807	< 0.01	< 0.5	1.8	0.10	30.0
311808	< 0.01	0.8	2.3	0.10	28.0
311809	< 0.01	< 0.5	0.6	< 0.05	29.0
311810	< 0.01	< 0.5	1.8	0.10	27.3
311811	< 0.01	< 0.5	2.3	0.10	25.7
311812	< 0.01	< 0.5	2.2	0.10	33.0
311813	< 0.01	< 0.5	1.5	0.10	35.2
311814	< 0.01	< 0.5	2.0	0.10	26.7
311815	< 0.01	< 0.5	1.7	0.10	24.0
311816	< 0.01	< 0.5	0.6	< 0.05	25.3
311817	< 0.01	< 0.5	0.7	< 0.05	28.2
311818	< 0.01	< 0.5	1.0	< 0.05	28.5
311819	< 0.01	< 0.5	1.0	0.10	24.8
311820	< 0.01	< 0.5	1.6	< 0.05	24.5
311821	< 0.01	< 0.5	3.8	0.20	26.7

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
311822	< 0.01	< 0.5	4.1	0.30	25.7
311823	< 0.01	< 0.5	0.9	< 0.05	33.1
311824	< 0.01	0.7	2.6	0.20	25.0
311825	< 0.01	< 0.5	2.4	0.10	30.3
311826	< 0.01	< 0.5	2.0	0.10	31.0
311827	< 0.01	0.5	1.6	0.10	28.2
311828	< 0.01	0.5	1.0	0.10	40.4
311830	< 0.01	< 0.5	1.3	0.10	26.9
311831	< 0.01	< 0.5	1.1	0.10	26.1
311832	< 0.01	< 0.5	1.2	0.10	27.2
311833	< 0.01	< 0.5	2.2	0.10	29.8
311834	< 0.01	< 0.5	1.3	0.10	17.9
311835	< 0.01	< 0.5	1.5	0.10	27.0
311836	< 0.01	< 0.5	1.1	0.10	28.2
311837	< 0.01	< 0.5	1.2	0.10	31.1
311838	< 0.01	< 0.5	0.8	< 0.05	34.8
311839	< 0.01	< 0.5	1.2	0.10	32.0
311840	< 0.01	< 0.5	0.9	0.10	33.1
311841	< 0.01	< 0.5	1.1	0.10	24.1
311842	< 0.01	< 0.5	1.3	0.10	25.1
311843	< 0.01	< 0.5	1.0	0.05	5.97
311844	< 0.01	< 0.5	1.2	0.10	29.9
311845	< 0.01	< 0.5	0.9	< 0.05	32.5
311846	< 0.01	< 0.5	1.3	0.10	23.5
311847	< 0.01	< 0.5	0.9	< 0.05	31.2
311848	< 0.01	< 0.5	1.0	0.10	26.5
311849	< 0.01	< 0.5	1.4	0.10	21.0
311850	< 0.01	< 0.5	2.4	0.10	38.8
312601	< 0.01	< 0.5	2.9	0.20	32.3
312602	< 0.01	< 0.5	1.6	0.32	8.58
312603	< 0.01	< 0.5	1.3	0.10	33.4
312604	< 0.01	< 0.5	1.6	0.28	8.30
312605	< 0.01	< 0.5	1.8	0.26	8.59
309701	< 0.01	< 0.5	1.4	0.10	25.2
309702	< 0.01	< 0.5	1.0	< 0.05	31.8
309703	< 0.01	< 0.5	1.1	0.10	28.6
309704	< 0.01	< 0.5	1.2	0.10	27.3
309705	< 0.01	< 0.5	1.0	0.10	24.2
309706	< 0.01	< 0.5	1.2	0.10	32.2
309707	< 0.01	< 0.5	1.2	0.10	31.4
312866	< 0.01	0.6	1.3	0.10	29.0
312867	< 0.01	< 0.5	4.4	0.30	26.1

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas		31.5		1150	2.7	14	722	43		740		0.24	2.07			1	1370		0.88				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-1 Meas		32.4		1190	2.9	15	735	44		756		0.25	2.20			1	1400		0.90				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-1 Meas		30.0		1180	2.7	15	737	45		728		0.25	2.15			1	1380		0.88				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-1 Meas		29.4		1140	2.9	15	726	42		720		0.24	2.06			1	1350		0.87				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-4 Meas		3.5		6480	< 0.3	293	47	40		74		1.79	6.01			2	30		1.08				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-4 Meas		3.6		6490	0.4	294	49	44		74		1.80	5.90			2	25		1.09				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-4 Meas		5.0		6450	0.4	303	48	43		71		1.78	6.32			2	22		1.08				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-4 Meas		3.2		6300	0.4	299	46	40		69		1.74	6.27			2	17		1.06				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
SDC-1 Meas				30			18	36		98			7.50			3			1.09				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
SDC-1 Meas				29			19	36		98			7.47			3			1.11				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
SDC-1 Meas				32			22	37		97			7.91			3			1.09				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
SDC-1 Meas				32			22	36		96			7.87			3			1.09				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
GXR-6 Meas		0.5		69	< 0.3	< 1	90	28		125		0.02	11.5			1	< 2		0.18				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
GXR-6 Meas		0.5		73	< 0.3	1	97	28		132		0.03	12.2			1	< 2		0.20				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
GXR-6 Meas		0.4		69	< 0.3	1	88	27		120		0.02	13.8			1	< 2		0.22				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
GXR-6 Meas		0.3		65	< 0.3	< 1	88	26		120		0.02	13.4			1	< 2		0.22				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
DNC-1a Meas				96			< 3	247		56													
DNC-1a Cert				100			6.3	247		70													
DNC-1a Meas				108			< 3	251		56													
DNC-1a Cert				100			6.3	247		70													
DNC-1a Meas				98			< 3	242		54													
DNC-1a Cert				100			6.3	247		70													
DNC-1a Meas				97			< 3	243		54													
DNC-1a Cert				100			6.3	247		70													
SBC-1 Meas				33	0.4	2	28	86		176						3	< 2						
SBC-1 Cert					0.40	2.40	35.0	82.8		186.0						3.20	0.70						

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
				31.0000																			
SBC-1 Meas				33	0.5	2	24	88		187						3	< 2						
SBC-1 Cert				31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70						
SBC-1 Meas				32	< 0.3	2	24	83		171						3	< 2						
SBC-1 Cert				31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70						
SBC-1 Meas				31	0.4	2	26	85		170						3	< 2						
SBC-1 Cert				31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70						
SdAR-M2 (U.S.G.S.) Meas				238	5.2	11	827	53		779						8	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13.3	808	48.8		760						6.6	1.05						
SdAR-M2 (U.S.G.S.) Meas				245	5.5	12	858	57		805						7	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13.3	808	48.8		760						6.6	1.05						
SdAR-M2 (U.S.G.S.) Meas				246	5.7	10	876	55		795						7	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13.3	808	48.8		760						6.6	1.05						
SdAR-M2 (U.S.G.S.) Meas				238	5.5	7	856	54		785						8	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13.3	808	48.8		760						6.6	1.05						
DMMAS 120 Meas	665													1840	1430					45	165		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	680													1780	1310					51	133		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	780													1870	1090					47	149		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	687													1760	1210					49	139		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	727													1890	930					50	149		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	835													1870	1020					45	142		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	752													1830	970					46	151		

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	697													1820	840					45	146		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	710													1840	990					46	140		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	643													1820	840					44	135		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	783													1830	940					44	147		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	731													1910	1060					49	143		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	727													1830	960					49	152		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	827													1900	900					50	151		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	782													1830	900					47	146		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	765													1850	950					47	148		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	762													1850	1070					49	155		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	691													1830	1000					46	147		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	711													1850	940					47	138		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	786													1850	810					49	144		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	788													1900	1100					45	154		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	710													1770	1120					48	141		
DMMAS 120 Cert	727													1790	1270					47.0	138		

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
DMMAS 120 Meas	778													1710	900					48	139		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	707													1680	950					47	125		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	627													1730	1040					50	121		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	755													1750	1120					46	138		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	780													1870	1000					48	151		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	708													1840	710					48	149		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	716													1860	850					46	153		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	874													1800	880					47	135		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	754													1720	1300					50	141		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	756													1900	1270					53	138		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	821													1810	1120					51	143		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	708													1780	1140					49	129		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	774													1840	1060					51	136		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	724													1830	1370					51	140		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	677													1780	1130					48	140		
DMMAS 120 Cert	727													1790	1270					47.0	138		

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
DMMAS 120 Meas	707													1810	1110					49	126		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	729													1760	1150					52	137		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	697													1700	1020					47	128		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	716													1780	1050					52	137		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	721													1720	870					48	146		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	736													1780	1040					49	148		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	850													1660	790					45	139		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	733													1810	1180					48	155		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	844													1710	1120					45	151		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	790													1830	1090					49	147		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	711													1780	1100					46	149		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	809													1900	1030					48	150		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	678													1840	830					49	155		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	689													1800	880					47	146		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	835													1820	1300					46	142		
DMMAS 120 Cert	727													1790	1270					47.0	138		
309276 Orig		0.4		122	0.6	2	22	89		357		0.03	6.58			2	< 2		1.16				

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
309276 Dup		0.4		123	0.5	2	18	89		361		0.03	6.62			1	< 2		1.16				
309277 Orig		0.4		47	0.6	3	14	48		160		0.02	6.61			1	< 2		1.42				
309277 Dup		0.3		47	0.7	2	15	47		160		0.02	6.61			2	< 2		1.43				
309287 Orig	< 2		< 5						< 20		210			42.0	490			3.0		9	87	6	0.9
309287 Dup	< 2		< 5						80		170			42.0	390			3.0		9	85	4	0.5
309566 Orig		0.4		29	< 0.3	1	13	33		61		0.01	7.02			2	< 2		1.46				
309566 Dup		< 0.3		26	< 0.3	< 1	15	34		60		0.01	7.01			2	< 2		1.45				
309568 Orig		< 0.3		28	0.4	< 1	12	38		63		0.02	5.72			1	< 2		1.01				
309568 Dup		0.4		28	0.4	< 1	11	37		60		0.03	5.66			1	< 2		1.01				
309569 Orig	< 2		< 5						< 20		90			22.0	160			9.0		81	108	5	0.4
309569 Dup	< 2		< 5						< 20		80			23.0	530			12.0		80	120	7	0.7
309596 Orig		< 0.3		22	< 0.3	< 1	11	23		46		0.01	6.11			1	< 2		1.41				
309596 Dup		< 0.3		22	< 0.3	< 1	11	23		45		0.01	5.87			1	< 2		1.38				
312401 Orig	< 2		< 5						< 20		90			7.0	680			2.0		15	100	4	0.4
312401 Dup	13		< 5						< 20		100			9.0	630			2.0		13	88	5	0.4
312409 Orig		0.3		35	< 0.3	< 1	10	10		37		0.22	1.26			< 1	< 2		0.12				
312409 Dup		0.4		36	< 0.3	< 1	12	10		36		0.22	1.41			< 1	< 2		0.14				
312419 Orig		< 0.3		32	< 0.3	< 1	5	20		62		0.06	2.61			3	< 2		0.23				
312419 Dup		< 0.3		39	< 0.3	< 1	5	20		63		0.06	2.62			3	< 2		0.24				
312437 Orig		0.3		66	< 0.3	4	13	59		146		0.02	6.80			2	< 2		0.91				
312437 Dup		< 0.3		68	< 0.3	2	14	61		151		0.02	7.23			2	< 2		0.95				
312438 Orig	< 2		< 5						< 20		< 50			16.0	590			< 0.5		6	60	2	0.6
312438 Dup	< 2		< 5						< 20		< 50			14.0	560			2.0		6	62	2	0.6
310017 Orig		< 0.3		31	< 0.3	2	14	27		64		0.02	6.58			1	< 2		1.03				
310017 Dup		0.5		31	< 0.3	3	15	26		67		0.02	6.68			1	< 2		1.04				
310020 Orig	< 2	0.4	< 5	48	< 0.3	1	15	38	< 20	63	90	0.03	7.22	20.0	410	1	< 2	8.0	0.91	15	92	4	0.7
310020 Dup	5	0.4	< 5	48	< 0.3	2	14	37	< 20	64	< 50	0.03	7.13	20.0	320	1	< 2	9.0	0.89	14	98	3	0.5
309403 Orig	< 2		< 5						< 20		80			32.0	260			6.0		9	50	1	0.3
309403 Dup	< 2		< 5						< 20		< 50			29.0	270			4.0		8	44	2	0.2
309418 Orig		0.8		24	< 0.3	< 1	27	4		43		0.93	0.26			< 1	3		0.03				
309418 Dup		0.9		24	< 0.3	1	27	5		40		0.94	0.31			< 1	2		0.03				
309431 Orig		< 0.3		24	0.4	< 1	18	35		68		0.01	7.03			2	< 2		1.30				
309431 Dup		< 0.3		23	< 0.3	< 1	15	31		68		< 0.01	7.06			2	< 2		1.30				
309433 Orig		< 0.3		6	< 0.3	2	10	20		57		< 0.01	6.47			1	< 2		1.21				
309433 Dup		0.3		5	< 0.3	< 1	11	18		51		< 0.01	6.32			1	< 2		1.29				
309434 Orig	< 2		< 5						< 20		< 50			71.0	710			23.0		21	121	3	0.9
309434 Dup	< 2		< 5						< 20		< 50			50.0	460			16.0		15	80	< 1	0.6
309443 Orig		< 0.3		30	< 0.3	< 1	29	50		19		0.04	6.07			1	< 2		1.13				
309443 Dup		< 0.3		32	< 0.3	< 1	27	48		20		0.04	6.16			1	< 2		1.11				
312878 Orig	28		< 5						< 20		< 50			2.0	< 50			< 0.5		14	17	< 1	0.8
312878 Dup	34		< 5						< 20		80			2.0	< 50			< 0.5		15	18	< 1	0.7
312900 Orig		0.5		30	< 0.3	< 1	19	39		108		0.02	7.58			2	< 2		2.12				

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
312900 Dup		0.4		30	< 0.3	1	18	39		108		0.02	7.71			2	< 2		2.20				
312553 Orig		0.8		104	< 0.3	22	62	15		59		0.15	4.28			< 1	< 2		0.46				
312553 Dup		1.1		99	< 0.3	18	63	15		57		0.14	4.15			< 1	< 2		0.45				
312564 Orig	< 2		< 5						< 20		60			8.0	480			2.0		12	74	3	0.8
312564 Dup	< 2		< 5						< 20		< 50			5.0	640			< 0.5		14	72	4	1.0
312571 Orig		0.4		20	< 0.3	1	12	27		69		0.01	6.54			2	< 2		1.36				
312571 Dup		< 0.3		23	< 0.3	2	13	28		69		0.01	6.53			2	< 2		1.36				
312574 Orig		0.4		9	< 0.3	< 1	12	19		35		< 0.01	6.43			1	< 2		1.40				
312574 Dup		0.3		9	< 0.3	< 1	13	19		35		< 0.01	6.38			1	< 2		1.40				
309853 Orig	9		< 5						< 20		180			100	450			2.0		< 1	68	2	0.5
309853 Dup	14		< 5						< 20		100			112	460			< 0.5		7	70	3	0.6
309855 Orig		< 0.3		24	< 0.3	< 1	12	27		70		0.01	6.14			1	< 2		1.41				
309855 Dup		< 0.3		24	< 0.3	< 1	15	27		71		< 0.01	6.05			1	< 2		1.39				
309881 Orig		< 0.3		56	< 0.3	< 1	9	44		37		0.02	5.96			< 1	< 2		1.55				
309881 Dup		0.3		54	< 0.3	< 1	11	44		37		0.02	5.95			< 1	< 2		1.55				
309888 Orig	< 2	< 0.3	< 5	28	< 0.3	< 1	14	34	< 20	72	90	0.02	6.53	6.0	560	2	< 2	< 0.5	1.45	16	76	< 1	1.0
309888 Dup	< 2	0.4	< 5	27	< 0.3	< 1	14	34	< 20	76	70	0.02	6.58	7.0	470	2	< 2	2.0	1.47	16	68	2	1.0
312707 Orig		0.5		18	< 0.3	< 1	9	28		52		< 0.01	6.09			2	< 2		1.42				
312707 Dup		0.5		20	< 0.3	< 1	11	28		52		< 0.01	6.56			2	< 2		1.44				
312720 Orig	< 2		< 5						< 20		< 50			10.0	530			< 0.5		7	75	3	0.8
312720 Dup	< 2		< 5						< 20		70			9.0	650			< 0.5		15	76	3	0.8
312961 Orig		0.7		65	< 0.3	18	7	12		38		0.79	4.00			1	< 2		0.42				
312961 Dup		0.8		70	< 0.3	16	7	13		38		0.81	4.06			1	< 2		0.43				
312963 Orig		0.4		56	< 0.3	3	11	29		97		0.04	5.78			1	< 2		0.92				
312963 Dup		0.4		64	0.3	5	12	29		96		0.04	5.85			1	< 2		0.91				
311755 Orig	4		< 5						< 20		< 50			11.0	580			12.0		5	74	4	0.6
311755 Dup	< 2		< 5						< 20		< 50			12.0	550			11.0		4	76	4	0.5
311782 Orig		2.6		439	1.4	< 1	17	151		423		0.03	5.95			< 1	< 2		0.06				
311782 Dup		2.6		445	1.3	< 1	21	152		429		0.03	6.15			< 1	< 2		0.06				
311784 Orig		0.5		209	0.3	< 1	5	110		126		0.03	6.13			< 1	< 2		3.27				
311784 Dup		0.5		205	< 0.3	1	6	109		124		0.04	6.18			< 1	< 2		3.30				
311788 Orig	2		< 5						< 20		< 50			9.0	550			10.0		14	66	4	0.9
311788 Dup	< 2		< 5						< 20		< 50			11.0	480			11.0		14	72	4	0.9
311802 Orig		< 0.3		48	< 0.3	< 1	16	40		71		0.02	6.80			2	< 2		0.89				
311802 Dup		0.4		48	< 0.3	< 1	16	40		71		0.02	6.87			2	< 2		0.88				
311804 Orig		0.4			< 0.3	< 1	12	33		61		0.01	6.59			2	< 2		1.31				
311804 Dup		0.5			< 0.3	2	12	33		58		< 0.01	6.71			2	< 2		1.32				
311818 Orig	< 2		< 5						< 20		< 50			40.0	440			16.0		10	74	< 1	0.6
311818 Dup	< 2		< 5						< 20		< 50			38.0	440			15.0		8	67	1	0.5
309703 Orig	< 2	< 0.3	< 5	18	< 0.3	< 1	9	25	< 20	20	< 50	< 0.01	5.75	19.0	410	< 1	< 2	3.0	1.04	4	78	< 1	0.7
309703 Dup	< 2	0.8	< 5	14	< 0.3	< 1	10	25	< 20	21	< 50	< 0.01	5.84	17.0	390	< 1	< 2	5.0	1.05	4	70	< 1	0.6
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	0.04			< 1	< 2		< 0.01				

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
Method Blank		< 0.3		1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	0.05			< 1	< 2		< 0.01				
Method Blank		< 0.3		4	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		2	< 0.3	< 1	< 3	< 1		< 1		< 0.01	0.02			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		5	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		4	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		3	< 0.3	< 1	< 3	< 1		< 1		< 0.01	0.03			< 1	< 2		< 0.01				
Method Blank		< 0.3		2	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2
Method Blank				5																			
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
GXR-1 Meas					0.05	8	0.21	878		0.059					288		0.03			88		33	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-1 Meas					0.06	9	0.22	901		0.059					300		0.03			90		34	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-1 Meas					0.06	9	0.21	890		0.060					288		0.03			88		33	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-1 Meas					0.05	8	0.21	863		0.059					280		0.03			87		32	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-4 Meas					3.22	11	1.68	158		0.130					217		0.29			88		16	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
GXR-4 Meas					4.18	11	1.69	159		0.128					213		0.28			90		16	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
GXR-4 Meas					4.41	11	1.69	153		0.131					210		0.29			88		16	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
GXR-4 Meas					4.33	11	1.66	168		0.130					205		0.29			87		16	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
SDC-1 Meas					2.81	34	1.00	873		0.054					172		0.36			71			
SDC-1 Cert					2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00			
SDC-1 Meas					2.89	35	1.00	889		0.053					173		0.09			36			
SDC-1 Cert					2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00			
SDC-1 Meas					2.99	34	0.99	875		0.052					169		0.06			27			
SDC-1 Cert					2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00			
SDC-1 Meas					2.96	33	0.98	863		0.053					167		0.07			28			
SDC-1 Cert					2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00			
GXR-6 Meas					1.93	33	0.59	1070		0.036					39					183		15	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
GXR-6 Meas					2.01	35	0.63	1150		0.037					40					169		14	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
GXR-6 Meas					1.95	37	0.65	1030		0.034					45					137		13	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
GXR-6 Meas					1.88	36	0.63	994		0.033					44					117		13	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
DNC-1a Meas						5									129		0.28			138		17	
DNC-1a Cert						5.2									144		0.29			148		18.0	
DNC-1a Meas						5									133		0.29			143		18	
DNC-1a Cert						5.2									144		0.29			148		18.0	
DNC-1a Meas						5									125		0.29			139		17	
DNC-1a Cert						5.2									144		0.29			148		18.0	
DNC-1a Meas						4									125		0.29			139		17	
DNC-1a Cert						5.2									144		0.29			148		18.0	
SBC-1 Meas						161									178		0.49			216		37	
SBC-1 Cert						163.0									178.0		0.51			220.0		36.5	

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
SBC-1 Meas						167									185		0.53			221		38	
SBC-1 Cert						163.0									178.0		0.51			220.0		36.5	
SBC-1 Meas						161									173		0.54			216		36	
SBC-1 Cert						163.0									178.0		0.51			220.0		36.5	
SBC-1 Meas						160									175		0.54			218		37	
SBC-1 Cert						163.0									178.0		0.51			220.0		36.5	
SdAR-M2 (U.S.G.S.) Meas						17									142					26		30	
SdAR-M2 (U.S.G.S.) Cert						17.9									144					25.2		32.7	
SdAR-M2 (U.S.G.S.) Meas						18									143					28		29	
SdAR-M2 (U.S.G.S.) Cert						17.9									144					25.2		32.7	
SdAR-M2 (U.S.G.S.) Meas						18									147					26		30	
SdAR-M2 (U.S.G.S.) Cert						17.9									144					25.2		32.7	
SdAR-M2 (U.S.G.S.) Meas						17									142					21		29	
SdAR-M2 (U.S.G.S.) Cert						17.9									144					25.2		32.7	
DMMAS 120 Meas	3.44								2.01			5.9	6.2						12.7				16.5
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.69								2.17			7.1	6.4						14.6				15.6
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.70								2.09			7.0	6.5						12.6				16.9
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.78								2.18			7.3	6.5						12.0				15.9
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.77								2.15			7.4	6.7						11.9				16.3
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.87								2.14			7.0	6.6						15.4				16.0
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.65								2.09			7.4	6.4						16.2				16.2
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.64								2.06			8.1	6.5						11.3				17.3
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
DMMAS 120 Meas	3.84								2.09			7.8	6.7						14.8				18.1
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.74								2.01			7.7	6.6						14.2				17.8
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.84								2.01			7.3	6.5						11.1				18.5
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.75								2.11			6.6	6.6						12.7				16.8
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.84								2.11			4.1	6.6						12.9				16.6
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.76								2.17			7.9	6.7						13.8				17.7
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.66								2.07			7.2	6.5						11.8				17.1
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.48								2.06			6.9	6.4						12.1				17.1
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.84								2.15			6.5	6.8						10.5				16.4
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.62								2.08			7.4	6.4						12.8				16.0
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.54								2.09			7.0	6.4						10.3				16.9
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.75								2.10			6.8	6.6						11.3				17.2
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.62								2.02			7.1	6.5						10.6				16.9
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.73								2.18			5.9	6.4						10.6				16.0
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.71								2.15			5.9	6.3						12.2				16.0
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120	3.49								2.09			7.2	6.0						10.2				15.9

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
Meas																							
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.56								2.12			5.8	6.0						8.9				16.2
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.69								2.13			5.7	6.2						11.5				16.9
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.73								2.13			6.2	6.7						11.0				16.0
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.65								2.08			7.3	6.6						10.8				16.3
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.59								2.08			7.4	6.4						12.4				16.9
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.62								2.03			7.6	6.4						12.0				16.5
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.86								2.21			7.2	6.4						11.9				16.0
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.89								2.16			7.3	6.8						16.3				16.1
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.79								2.12			8.0	6.4						11.6				16.6
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.72								2.08			7.3	6.2						11.6				16.4
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.77								2.17			7.5	6.3						11.5				16.5
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.76								2.13			7.1	6.4						12.1				17.2
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.70								2.15			7.1	6.4						11.6				16.3
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.82								2.25			6.1	6.7						12.5				16.4
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.84								2.24			7.0	6.6						10.6				16.7

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.50								2.10			5.7	6.2						9.8				16.6
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.88								2.25			5.9	6.6						10.2				17.9
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.59								2.12			6.7	6.3						9.5				16.2
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.67								2.11			7.0	6.3						10.6				17.0
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.33								2.00			6.7	5.9						11.4				19.1
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.84								2.16			8.1	6.4						13.5				16.0
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.49								2.01			5.5	6.1						10.5				15.4
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.69								2.12			7.6	6.4						12.1				15.6
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.53								2.02			8.1	6.3						9.2				16.1
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.76								2.12			8.1	6.7						12.5				17.1
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.62								2.10			7.3	6.5						11.2				17.3
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.69								2.07			7.9	6.6						11.8				17.5
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.64								2.23			5.0	6.8						12.9				18.9
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
309276 Orig					1.99	27	1.08	929		0.047					188		0.30			107		21	
309276 Dup					2.00	27	1.08	941		0.048					189		0.31			108		21	
309277 Orig					2.35	21	0.97	692		0.075					235		0.32			88		16	
309277 Dup					2.33	22	0.97	663		0.074					234		0.31			88		15	
309287 Orig	11.6	6	< 1	< 5					1.51		173	2.8	10.0	< 3		< 0.5		9.4	4.1		< 1		24.3

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
309287 Dup	11.4	6	< 1	< 5					1.47		124	2.8	9.6	< 3		< 0.5		8.9	3.6		< 1		23.4
309566 Orig					2.62	21	0.99	654		0.074					274		0.30			76		14	
309566 Dup					2.59	21	0.99	647		0.063					272		0.18			52		14	
309568 Orig					2.51	27	1.01	2290		0.055					142		0.32			93		14	
309568 Dup					2.50	26	1.01	2320		0.060					143		0.32			94		14	
309569 Orig	6.32	3	< 1	< 5					0.97		114	0.6	13.0	< 3		< 0.5		3.8	3.2		< 1		18.3
309569 Dup	6.51	2	< 1	< 5					1.00		42	0.5	13.6	< 3		< 0.5		4.9	3.4		< 1		18.9
309596 Orig					2.18	10	0.82	390		0.041					219		0.23			72		10	
309596 Dup					2.09	10	0.80	380		0.035					212		0.31			95		10	
312401 Orig	7.07	6	< 1	< 5					1.96		148	0.6	10.9	< 3		< 0.5		7.8	5.2		< 1		25.9
312401 Dup	6.67	6	< 1	< 5					1.82		160	0.4	10.1	< 3		< 0.5		7.2	3.8		< 1		25.6
312409 Orig					0.31	< 1	1.85	11400		0.044					22		0.12			76		9	
312409 Dup					0.35	< 1	1.78	11800		0.047					25		0.12			79		10	
312419 Orig					0.86	2	2.25	1710		0.044					21		0.13			50		23	
312419 Dup					0.87	2	2.27	1730		0.044					22		0.13			51		23	
312437 Orig					2.60	27	1.07	2310		0.057					136		0.40			122		19	
312437 Dup					2.66	28	1.12	2280		0.052					143		0.39			121		20	
312438 Orig	4.85	11	< 1	< 5					1.88		86	1.0	8.6	< 3		< 0.5		8.1	3.2		< 1		22.2
312438 Dup	4.66	10	< 1	< 5					1.86		113	1.3	8.5	< 3		< 0.5		7.4	1.3		< 1		21.9
310017 Orig					2.05	22	1.00	576		0.038					188		0.31			107		11	
310017 Dup					2.08	22	1.01	581		0.043					190		0.31			110		10	
310020 Orig	7.01	6	< 1	< 5	1.90	28	1.33	644	1.82	0.020	62	0.5	15.0	< 3	151	< 0.5	0.43	8.8	2.6	147	< 1	11	20.9
310020 Dup	6.66	6	< 1	< 5	1.83	28	1.30	657	1.73	0.019	55	0.5	14.3	< 3	148	< 0.5	0.42	8.3	3.5	143	< 1	12	19.7
309403 Orig	5.40	4	< 1	< 5					0.63		37	0.9	11.2	< 3		< 0.5		3.3	2.4		< 1		9.4
309403 Dup	5.30	4	< 1	< 5					0.61		< 15	0.8	10.8	< 3		< 0.5		3.1	1.6		< 1		9.3
309418 Orig					0.11	< 1	0.02	40		0.598					7		0.02			191		< 1	
309418 Dup					0.11	< 1	0.02	41		0.611					9		0.02			195		< 1	
309431 Orig					2.69	24	0.97	651		0.056					251		0.25			54		16	
309431 Dup					2.70	24	0.97	643		0.054					250		0.27			59		16	
309433 Orig					2.32	20	0.78	409		0.034					238		0.19			54		12	
309433 Dup					2.35	17	0.73	424		0.037					244		0.24			67		11	
309434 Orig	6.66	10	< 1	< 5					2.30		80	1.3	14.3	< 3		< 0.5		7.6	< 0.5		< 1		19.1
309434 Dup	4.51	10	< 1	< 5					1.57		37	0.8	9.8	< 3		< 0.5		7.4	1.8		< 1		23.2
309443 Orig					2.27	11	0.97	236		0.035					190		0.14			31		9	
309443 Dup					2.32	11	0.95	266		0.034					196		0.13			33		9	
312878 Orig	14.9	< 1	< 1	< 5					0.03		< 15	0.2	1.1	< 3		< 0.5		0.4	0.7		< 1		10.1
312878 Dup	16.5	< 1	< 1	< 5					0.03		< 15	< 0.1	1.2	< 3		< 0.5		0.4	< 0.5		< 1		11.2
312900 Orig					2.33	34	1.25	817		0.044					287		0.30			129		27	
312900 Dup					2.41	34	1.27	805		0.044					290		0.36			144		27	
312553 Orig					1.47	8	0.45	298		0.101					85		0.27			142		9	
312553 Dup					1.46	8	0.45	290		0.107					84		0.30			141		8	
312564 Orig	4.08	6	< 1	< 5					2.02		146	0.5	9.5	< 3		< 0.5		11.1	2.8		< 1		32.4

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
312564 Dup	4.33	8	< 1	< 5					2.22		132	0.3	10.4	< 3		< 0.5		12.4	3.1		< 1		35.1
312571 Orig					2.23	18	0.81	520		0.047					266		0.25			69		11	
312571 Dup					2.23	19	0.82	539		0.039					265		0.26			70		11	
312574 Orig					2.46	16	0.79	361		0.053					283		0.25			64		12	
312574 Dup					2.43	16	0.78	354		0.047					281		0.25			63		12	
309853 Orig	10.1	5	< 1	< 5					1.45		< 15	4.4	8.1	< 3		< 0.5		6.0	2.0		< 1		19.1
309853 Dup	10.8	5	< 1	< 5					1.54		< 15	4.1	8.8	< 3		< 0.5		6.2	5.1		< 1		21.0
309855 Orig					2.31	17	0.84	809		0.062					247		0.28			69		14	
309855 Dup					2.27	17	0.83	765		0.056					242		0.22			59		13	
309881 Orig					1.62	12	1.25	419		0.026					192		0.24			86		9	
309881 Dup					1.63	12	1.23	413		0.028					195		0.21			74		9	
309888 Orig	4.27	6	< 1	< 5	2.47	23	0.89	699	2.26	0.066	85	0.3	9.8	< 3	258	< 0.5	0.28	10.6	3.0	66	< 1	17	36.2
309888 Dup	4.16	6	< 1	< 5	2.50	23	0.90	707	2.20	0.073	106	< 0.1	9.7	< 3	262	< 0.5	0.28	11.0	3.7	68	< 1	18	35.3
312707 Orig					2.52	25	1.00	532		0.081					244		0.32			78		17	
312707 Dup					2.56	26	1.02	520		0.080					252		0.33			78		18	
312720 Orig	4.85	5	< 1	< 5					2.25		117	0.3	10.8	< 3		< 0.5		10.2	2.0		< 1		34.3
312720 Dup	4.55	6	< 1	< 5					2.15		141	< 0.1	10.1	< 3		< 0.5		10.4	1.9		< 1		33.2
312961 Orig					0.83	8	0.65	433		0.052					44		0.39			292		18	
312961 Dup					0.85	8	0.66	423		0.049					45		0.35			285		18	
312963 Orig					1.68	19	0.95	1360		0.041					140		0.35			146		11	
312963 Dup					1.68	19	0.96	1380		0.043					136		0.36			151		11	
311755 Orig	8.75	8	< 1	< 5					1.77		129	0.4	9.3	< 3		< 0.5		10.3	3.4		< 1		20.4
311755 Dup	8.80	8	< 1	< 5					1.81		153	0.4	9.6	< 3		< 0.5		10.7	3.3		< 1		20.4
311782 Orig					0.22	58	1.87	1940		0.063					68		0.28			295		6	
311782 Dup					0.23	58	1.89	1910		0.064					69		0.23			292		6	
311784 Orig					0.41	12	2.87	1180		0.035					75		0.29			232		20	
311784 Dup					0.41	12	2.90	1200		0.038					76		0.45			267		21	
311788 Orig	4.08	6	< 1	< 5					1.95		158	0.3	9.5	< 3		< 0.5		8.4	1.6		< 1		32.5
311788 Dup	3.97	7	< 1	< 5					1.95		123	0.2	9.6	< 3		< 0.5		8.4	2.0		< 1		32.4
311802 Orig					2.17	32	1.25	1670		0.038					142		0.25			109		12	
311802 Dup					2.20	33	1.25	1780		0.044					139		0.34			118		12	
311804 Orig					2.38	25	1.09	783		0.056					240		0.32			93		17	
311804 Dup					2.43	25	1.10	779		0.054					246		0.33			97		16	
311818 Orig	4.00	8	< 1	< 5					1.73		62	0.1	9.2	< 3		< 0.5		6.3	1.5		< 1		19.2
311818 Dup	3.83	8	< 1	< 5					1.73		78	0.2	9.0	< 3		< 0.5		6.0	2.2		< 1		18.2
309703 Orig	3.40	10	< 1	< 5	1.77	8	0.77	257	1.59	0.010	< 15	0.7	10.9	< 3	183	< 0.5	0.33	7.4	2.9	89	< 1	11	22.2
309703 Dup	3.28	9	< 1	< 5	1.84	8	0.78	253	1.57	0.015	< 15	0.3	10.8	< 3	186	< 0.5	0.42	7.0	2.0	108	< 1	11	21.6
Method Blank					< 0.01	< 1	< 0.01			< 0.001					2		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5
Method Blank																							
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas								
GXR-1 Cert								
GXR-1 Meas								
GXR-1 Cert								
GXR-1 Meas								
GXR-1 Cert								
GXR-1 Meas								
GXR-1 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
SDC-1 Meas								
SDC-1 Cert								
SDC-1 Meas								
SDC-1 Cert								
SDC-1 Meas								
SDC-1 Cert								
SDC-1 Meas								
SDC-1 Cert								
GXR-6 Meas								
GXR-6 Cert								
GXR-6 Meas								
GXR-6 Cert								
GXR-6 Meas								
GXR-6 Cert								
GXR-6 Meas								
GXR-6 Cert								
DNC-1a Meas								
DNC-1a Cert								
DNC-1a Meas								
DNC-1a Cert								
DNC-1a Meas								
DNC-1a Cert								
DNC-1a Meas								
DNC-1a Cert								
SBC-1 Meas								
SBC-1 Cert								

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
SBC-1 Meas								
SBC-1 Cert								
SBC-1 Meas								
SBC-1 Cert								
SBC-1 Meas								
SBC-1 Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
DMMAS 120 Meas	29		2.3					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	33		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	29		2.7					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	39		2.7					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	37		2.7					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	33		2.4					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	26		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	37		2.7					
DMMAS 120 Cert	32.0		2.70					

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
DMMAS 120 Meas	36		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	32		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	34		2.8					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	33		2.6					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	35		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	29		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	35		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	31		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	35		3.1					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	33		2.6					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	34		2.6					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	30		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	34		2.8					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	36		2.6					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	37		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120	33		2.4					

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Meas								
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	29		2.4					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	37		2.2					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	39		2.7					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	33		2.6					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	31		2.4					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	31		2.4					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	33		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	35		2.3					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	25		2.6					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	31		2.3					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	29		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	31		2.3					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	35		2.4					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	33		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	39		2.6					

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	36		2.4					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	36		2.7					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	33		2.6					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	29		2.8					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	24		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	31		2.4					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	30		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	29		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	33		2.6					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	34		2.6					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	36		2.6					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	34		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	29		2.5					
DMMAS 120 Cert	32.0		2.70					
309276 Orig								
309276 Dup								
309277 Orig								
309277 Dup								
309287 Orig	55	18	3.2	< 0.01	< 0.5	1.4	0.10	27.3

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
309287 Dup	52	19	3.2	< 0.01	< 0.5	1.3	0.10	26.7
309566 Orig								
309566 Dup								
309568 Orig								
309568 Dup								
309569 Orig	38	26	2.9	< 0.01	< 0.5	1.2	0.10	18.1
309569 Dup	42	23	3.3	< 0.01	< 0.5	1.4	0.20	17.0
309596 Orig								
309596 Dup								
312401 Orig	48	20	3.2	< 0.01	< 0.5	1.1	0.10	27.0
312401 Dup	46	28	3.1	< 0.01	< 0.5	1.0	0.10	26.9
312409 Orig								
312409 Dup								
312419 Orig								
312419 Dup								
312437 Orig								
312437 Dup								
312438 Orig	50	12	2.8	< 0.01	< 0.5	1.4	0.10	35.3
312438 Dup	49	11	2.9	< 0.01	0.7	1.2	0.10	36.2
310017 Orig								
310017 Dup								
310020 Orig	52	15	3.1	< 0.01	< 0.5	1.4	0.10	32.8
310020 Dup	46	15	2.9	< 0.01	< 0.5	1.3	0.10	31.1
309403 Orig	17	9	1.2	< 0.01	< 0.5	1.1	0.10	31.1
309403 Dup	20	7	1.3	< 0.01	< 0.5	1.1	0.10	32.6
309418 Orig								
309418 Dup								
309431 Orig								
309431 Dup								
309433 Orig								
309433 Dup								
309434 Orig	49	18	4.1	< 0.01	< 0.5	1.8	0.10	28.4
309434 Dup	50	14	2.6	< 0.01	< 0.5	1.1	0.10	28.3
309443 Orig								
309443 Dup								
312878 Orig	20	12	1.8	< 0.01	< 0.5	1.2	< 0.05	43.9
312878 Dup	22	8	2.0	< 0.01	< 0.5	1.3	< 0.05	40.8
312900 Orig								
312900 Dup								
312553 Orig								
312553 Dup								
312564 Orig	73	30	4.7	< 0.01	< 0.5	1.4	0.10	32.3

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
312564 Dup	73	34	5.0	< 0.01	< 0.5	1.3	0.10	32.2
312571 Orig								
312571 Dup								
312574 Orig								
312574 Dup								
309853 Orig	43	17	2.5	< 0.01	< 0.5	1.1	0.10	30.5
309853 Dup	42	21	2.7	< 0.01	< 0.5	1.2	0.10	24.7
309855 Orig								
309855 Dup								
309881 Orig								
309881 Dup								
309888 Orig	79	28	5.4	< 0.01	< 0.5	1.6	0.10	30.0
309888 Dup	79	26	5.2	< 0.01	< 0.5	1.4	0.10	30.4
312707 Orig								
312707 Dup								
312720 Orig	74	20	4.8	< 0.01	< 0.5	1.3	0.10	34.6
312720 Dup	73	19	4.7	< 0.01	< 0.5	1.6	0.10	31.6
312961 Orig								
312961 Dup								
312963 Orig								
312963 Dup								
311755 Orig	47	14	3.0	< 0.01	< 0.5	1.1	0.10	29.1
311755 Dup	50	17	3.1	< 0.01	< 0.5	1.0	0.10	27.3
311782 Orig								
311782 Dup								
311784 Orig								
311784 Dup								
311788 Orig	62	23	4.3	< 0.01	< 0.5	1.1	0.10	29.6
311788 Dup	60	19	4.2	< 0.01	< 0.5	1.3	0.10	30.5
311802 Orig								
311802 Dup								
311804 Orig								
311804 Dup								
311818 Orig	43	17	2.8	< 0.01	< 0.5	1.1	< 0.05	28.1
311818 Dup	41	17	2.8	< 0.01	< 0.5	0.9	< 0.05	28.9
309703 Orig	48	14	2.9	< 0.01	< 0.5	1.1	0.10	28.2
309703 Dup	48	14	2.9	< 0.01	< 0.5	1.1	0.10	28.9
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	30.0
Method Blank	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	30.0
Method Blank	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	1.00
Method Blank								
Method Blank	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	10.0

2015 – CERTIFICATES: Osisko

2015 – Prospection : Osisko

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149730

Projet: KAN

Bon de commande #: KAN- 050

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149730

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
393131		<0.005	<0.5	1.22	<5	20	<0.5	<2	2.89	1.0	14	18	74	15.40	<10	0.26
393132		0.020	<0.5	0.37	<5	10	<0.5	3	4.69	0.8	9	10	44	18.10	<10	0.17
393133		0.008	<0.5	0.97	<5	40	<0.5	<2	2.19	1.1	16	25	49	25.9	<10	0.47
393134		0.030	<0.5	1.20	<5	40	<0.5	<2	1.80	0.7	9	24	67	26.2	<10	0.46
393135		0.910	<0.5	0.82	<5	20	<0.5	<2	3.55	0.9	27	9	45	14.20	<10	0.27
393136		0.564	0.6	0.78	<5	40	<0.5	<2	4.26	1.0	4	12	27	15.25	<10	0.30
393137		0.641	<0.5	0.86	<5	30	<0.5	<2	2.59	0.9	6	16	22	12.65	<10	0.27
393138		1.760	<0.5	1.29	<5	50	<0.5	<2	1.46	0.7	7	17	27	18.55	10	0.35
393139		0.742	0.6	0.68	<5	40	<0.5	<2	4.50	1.0	6	12	15	13.70	<10	0.21
393140		1.270	1.4	8.18	104	120	4.5	5	2.29	2.8	21	64	61	5.31	30	4.05
393141		0.946	<0.5	1.15	<5	90	<0.5	<2	4.38	0.8	8	27	47	19.90	<10	0.41
393142		1.995	0.5	0.36	<5	20	<0.5	<2	5.90	1.2	5	7	40	15.75	<10	0.11
393143		2.07	<0.5	0.39	<5	30	<0.5	<2	2.65	0.7	6	16	29	10.65	<10	0.12
393144		0.043	<0.5	0.39	<5	20	<0.5	<2	5.23	0.8	4	18	7	8.37	<10	0.10
393145		<0.005	<0.5	0.11	<5	270	<0.5	<2	16.8	<0.5	1	3	<1	0.29	<10	0.10
393146		0.079	<0.5	0.31	<5	20	<0.5	<2	5.35	0.6	4	16	3	7.27	<10	0.07
393147		0.084	<0.5	0.36	<5	10	<0.5	<2	2.68	1.1	8	12	19	21.4	<10	0.11
393148		0.499	<0.5	0.99	<5	40	<0.5	2	2.64	0.8	9	18	48	18.05	<10	0.27
393149		5.98	<0.5	0.38	<5	30	<0.5	<2	7.50	0.7	5	10	3	12.30	<10	0.17
393150		0.234	<0.5	0.33	5	20	<0.5	<2	10.70	1.0	5	9	3	15.10	<10	0.11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149730

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
393131		10	2.22	4490	<1	0.01	25	110	2	4.83	<5	2	90	<20	0.03	<10
393132		10	1.01	7740	<1	0.01	11	140	4	1.44	<5	1	102	<20	0.02	<10
393133		10	0.95	11950	<1	<0.01	15	640	6	0.49	<5	2	51	<20	0.07	<10
393134		10	1.73	10750	<1	0.01	19	690	2	2.51	<5	2	61	<20	0.07	10
393135		<10	1.63	4640	<1	0.01	10	90	4	2.86	<5	1	111	<20	0.01	<10
393136		<10	2.26	5940	<1	0.01	7	40	2	2.15	<5	1	134	<20	<0.01	10
393137		<10	1.56	4340	<1	0.01	4	90	2	1.69	<5	1	81	<20	0.01	<10
393138		10	2.14	5750	<1	0.01	8	220	2	2.29	<5	2	51	<20	0.04	<10
393139		10	2.45	6570	<1	<0.01	5	260	6	1.27	<5	1	116	<20	0.03	<10
393140		10	1.75	460	2	3.50	72	980	164	2.72	<5	5	268	<20	0.50	10
393141		10	2.63	9980	<1	<0.01	11	360	7	3.52	<5	2	137	<20	0.08	<10
393142		10	2.40	6090	<1	<0.01	11	230	2	2.46	<5	<1	137	<20	0.01	<10
393143		<10	1.39	3770	<1	<0.01	7	190	2	2.51	<5	1	74	<20	0.01	<10
393144		10	1.29	3020	<1	0.01	2	440	2	0.23	<5	1	153	<20	0.01	<10
393145		<10	12.00	411	<1	0.02	<1	60	3	0.02	<5	<1	137	<20	<0.01	<10
393146		<10	1.63	3720	<1	<0.01	<1	110	4	0.23	<5	<1	158	<20	0.01	<10
393147		10	3.05	7840	<1	<0.01	4	60	2	1.13	<5	<1	69	<20	<0.01	<10
393148		10	1.95	5610	<1	0.01	16	390	5	3.94	5	1	81	<20	0.02	<10
393149		<10	3.01	7610	<1	0.01	2	100	3	0.24	<5	1	142	<20	0.02	<10
393150		10	4.49	9460	<1	<0.01	2	370	7	0.21	<5	1	158	<20	0.03	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149730

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
393131		<10	41	<10	102	3.65
393132		<10	17	<10	49	2.26
393133		<10	43	<10	125	2.85
393134		<10	48	<10	114	1.55
393135		<10	28	<10	61	4.34
393136		<10	27	<10	58	3.97
393137		<10	33	<10	60	3.09
393138		<10	44	<10	113	4.94
393139		<10	26	<10	65	4.31
393140		<10	64	<10	234	0.05
393141		<10	46	<10	102	3.57
393142		<10	15	<10	25	2.40
393143		<10	15	<10	33	3.08
393144		<10	26	<10	48	1.48
393145		<10	3	<10	25	0.27
393146		<10	14	<10	18	1.93
393147		<10	14	<10	51	4.25
393148		<10	35	<10	65	3.89
393149		<10	18	<10	36	5.04
393150		<10	21	<10	33	5.10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149730

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149728

Projet: KAN

Bon de commande #: KAN- 049

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149728

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
393111		0.096	<0.5	0.18	<5	10	<0.5	<2	7.17	1.2	3	6	3	22.6	<10	0.09
393112		0.011	<0.5	0.25	<5	20	<0.5	<2	8.55	1.1	2	8	12	19.30	<10	0.13
393113		<0.005	<0.5	0.19	<5	10	<0.5	<2	10.20	1.1	3	5	2	17.10	<10	0.07
393114		0.038	<0.5	0.16	<5	10	<0.5	<2	8.48	1.4	3	5	5	18.95	<10	0.05
393115		<0.005	<0.5	0.08	13	<10	<0.5	<2	3.90	0.8	2	10	<1	14.35	<10	0.01
393116		0.149	<0.5	0.12	10	<10	<0.5	<2	1.32	0.8	4	5	2	19.65	<10	0.01
393117		0.628	<0.5	0.19	13	<10	<0.5	<2	0.67	0.6	5	9	4	22.3	<10	0.02
393118		0.165	<0.5	0.14	<5	<10	<0.5	<2	0.69	<0.5	2	7	1	19.20	<10	0.01
393119		1.370	<0.5	0.23	12	20	<0.5	<2	7.32	0.8	3	6	4	16.45	<10	0.07
393120		1.230	1.1	8.15	99	120	4.5	3	2.34	2.9	20	66	61	5.41	30	4.17
393121		0.327	<0.5	0.31	<5	30	<0.5	<2	9.61	0.7	2	6	4	16.50	<10	0.09
393122		<0.005	<0.5	0.24	<5	10	<0.5	<2	0.23	<0.5	2	31	11	2.87	<10	0.08
393123		0.009	<0.5	0.77	<5	10	<0.5	<2	1.52	0.5	5	17	41	10.25	<10	0.20
393124		0.009	<0.5	0.79	<5	20	<0.5	<2	0.50	<0.5	3	23	43	10.25	<10	0.29
393125		<0.005	<0.5	0.05	<5	310	<0.5	<2	16.7	<0.5	<1	3	1	0.18	<10	0.03
393126		<0.005	<0.5	1.41	<5	30	<0.5	<2	1.82	0.5	7	18	52	11.55	<10	0.36
393127		0.073	1.4	3.68	<5	190	2.0	<2	0.07	3.0	38	67	192	14.75	10	1.92
393128		0.044	0.9	4.74	<5	310	2.7	<2	0.06	<0.5	8	57	92	14.70	10	2.14
393129		<0.005	<0.5	0.73	<5	10	<0.5	<2	0.49	<0.5	4	14	28	6.14	<10	0.17
393130		<0.005	<0.5	0.35	<5	10	<0.5	<2	0.69	<0.5	6	18	24	4.28	<10	0.10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149728

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
393111		10	4.32	6920	<1	0.01	<1	460	7	0.47	<5	<1	92	<20	0.01	<10
393112		10	4.57	6690	<1	0.01	<1	460	6	1.13	<5	<1	117	<20	0.02	<10
393113		10	4.52	5490	<1	<0.01	<1	410	4	0.18	<5	<1	126	<20	0.01	<10
393114		10	4.25	6340	<1	<0.01	<1	390	4	0.41	<5	<1	118	<20	0.01	<10
393115		10	2.72	4620	<1	<0.01	<1	160	2	0.06	<5	<1	47	<20	<0.01	<10
393116		10	1.65	7660	<1	<0.01	1	230	5	0.17	<5	<1	18	<20	0.01	<10
393117		10	1.29	8860	<1	<0.01	<1	260	2	0.18	<5	<1	10	<20	0.02	<10
393118		10	0.96	7930	<1	<0.01	<1	650	2	0.06	<5	<1	9	<20	0.01	<10
393119		10	2.78	8160	<1	<0.01	<1	240	3	0.36	<5	<1	109	<20	0.01	<10
393120		10	1.78	465	1	3.60	71	980	151	2.77	<5	5	267	<20	0.51	<10
393121		10	3.65	8170	<1	0.01	<1	900	6	0.25	<5	<1	143	<20	0.01	<10
393122		<10	0.22	493	<1	0.01	2	70	<2	0.81	<5	1	7	<20	<0.01	<10
393123		<10	1.20	2310	<1	0.01	13	10	2	3.38	<5	2	55	<20	0.01	<10
393124		<10	1.04	2120	<1	0.01	10	40	<2	3.23	<5	1	18	<20	0.01	<10
393125		<10	12.40	379	<1	0.05	<1	20	4	0.04	<5	<1	131	<20	<0.01	<10
393126		<10	1.44	2670	<1	0.01	13	110	4	3.26	<5	2	63	<20	0.01	<10
393127		20	0.37	254	17	0.03	89	250	77	7.54	6	9	9	<20	0.11	<10
393128		40	0.36	132	16	0.61	17	240	135	2.10	6	12	33	<20	0.14	<10
393129		10	0.43	723	1	0.01	6	50	2	0.86	<5	2	9	<20	0.01	<10
393130		<10	0.44	1110	<1	0.01	8	40	3	1.25	<5	1	20	<20	<0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149728

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
393111		<10	13	<10	20	2.68
393112		<10	17	<10	27	2.93
393113		<10	13	<10	18	2.19
393114		<10	12	<10	18	1.80
393115		<10	8	<10	6	5.17
393116		<10	11	<10	8	4.14
393117		<10	12	<10	9	4.51
393118		<10	10	<10	9	4.59
393119		<10	10	<10	20	2.93
393120		<10	64	<10	243	0.04
393121		<10	14	<10	21	3.96
393122		<10	11	<10	14	3.34
393123		<10	34	<10	55	4.99
393124		<10	35	<10	48	5.29
393125		10	3	<10	54	0.21
393126		<10	57	<10	76	3.98
393127		<10	109	<10	608	2.62
393128		<10	134	<10	72	4.85
393129		<10	30	<10	46	2.22
393130		<10	14	<10	26	3.58

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149728

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149726

Projet: KAN

Bon de commande #: KAN- 048

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149726

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
393091		0.019	<0.5	0.28	8	40	<0.5	<2	3.40	<0.5	6	11	6	24.3	<10	0.05
393092		0.256	<0.5	0.32	26	10	<0.5	3	5.28	1.0	3	9	15	19.75	<10	0.05
393093		0.011	<0.5	0.08	9	10	<0.5	5	7.98	0.6	2	7	3	14.00	<10	0.01
393094		<0.005	<0.5	0.07	<5	10	<0.5	<2	7.43	0.6	<1	6	<1	17.25	<10	0.02
393095		<0.005	<0.5	0.05	<5	10	<0.5	<2	4.85	0.7	2	7	<1	19.75	<10	0.01
393096		0.104	<0.5	0.15	<5	10	<0.5	<2	1.43	<0.5	4	6	3	25.0	<10	0.01
393097		0.563	<0.5	0.42	<5	30	<0.5	3	9.90	0.9	2	8	4	14.40	<10	0.14
393098		0.336	<0.5	0.34	7	30	<0.5	4	8.58	0.6	2	7	3	15.85	<10	0.12
393099		0.044	<0.5	0.16	7	20	<0.5	2	11.00	0.6	<1	6	1	13.75	<10	0.05
393100		1.225	1.1	7.58	101	110	4.3	5	2.17	2.4	18	62	59	5.00	30	3.87
393101		0.105	<0.5	0.18	<5	20	<0.5	3	9.67	0.7	<1	5	1	14.45	<10	0.05
393102		<0.005	<0.5	0.17	<5	20	<0.5	4	11.55	0.8	1	5	<1	15.50	<10	0.05
393103		0.033	<0.5	0.21	<5	30	<0.5	2	10.60	0.7	2	5	1	17.45	<10	0.06
393104		0.026	<0.5	0.16	5	10	<0.5	2	1.44	0.5	6	9	<1	26.2	<10	0.04
393105		<0.005	<0.5	0.03	<5	70	<0.5	3	16.8	<0.5	<1	2	<1	0.24	<10	0.02
393106		1.520	<0.5	0.32	8	10	<0.5	<2	5.46	0.5	2	5	10	18.35	<10	0.03
393107		<0.005	<0.5	0.07	6	<10	<0.5	2	3.77	<0.5	4	11	<1	19.95	<10	0.02
393108		0.331	<0.5	0.34	9	10	<0.5	5	7.89	1.9	4	2	9	23.8	<10	0.06
393109		0.008	<0.5	0.15	<5	10	<0.5	3	7.81	1.9	2	5	1	23.2	<10	0.08
393110		0.365	<0.5	0.15	<5	10	<0.5	4	6.91	2.0	2	5	4	20.3	<10	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149726

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
393091		10	3.04	7870	1	0.01	7	330	11	0.25	7	1	56	<20	0.02	<10
393092		<10	3.09	7680	<1	<0.01	<1	200	4	0.78	<5	1	115	<20	0.01	<10
393093		<10	3.60	4880	<1	<0.01	<1	210	4	0.12	<5	<1	82	<20	<0.01	<10
393094		<10	3.92	5470	<1	<0.01	<1	120	6	0.01	<5	<1	78	<20	<0.01	<10
393095		<10	3.62	5880	<1	<0.01	<1	240	4	0.02	<5	<1	49	<20	<0.01	<10
393096		<10	3.45	7590	<1	<0.01	<1	260	4	0.21	<5	<1	30	<20	0.01	<10
393097		<10	3.26	5580	<1	0.01	<1	40	2	0.20	<5	1	174	<20	0.01	10
393098		10	3.82	5190	<1	<0.01	<1	130	4	0.21	<5	<1	138	<20	<0.01	<10
393099		<10	4.85	4470	<1	<0.01	<1	190	7	0.06	<5	<1	181	<20	<0.01	<10
393100		10	1.69	437	1	3.40	68	930	146	2.65	<5	5	246	<20	0.48	<10
393101		10	4.69	4480	<1	0.01	<1	120	5	0.10	<5	<1	147	<20	0.01	<10
393102		10	5.55	4550	<1	<0.01	<1	130	5	0.03	<5	<1	147	<20	0.01	<10
393103		10	5.28	5160	1	<0.01	<1	180	4	0.11	<5	<1	148	<20	0.01	<10
393104		10	3.60	8330	<1	<0.01	<1	520	2	0.07	<5	<1	27	<20	0.02	<10
393105		<10	12.35	468	<1	0.03	<1	20	9	<0.01	<5	<1	124	<20	<0.01	<10
393106		<10	3.70	5930	<1	<0.01	<1	110	3	0.52	<5	<1	91	<20	0.01	<10
393107		<10	3.62	6270	<1	<0.01	<1	160	4	0.07	<5	<1	59	<20	0.01	<10
393108		10	4.89	8290	<1	0.01	<1	630	3	0.52	<5	1	149	<20	0.01	<10
393109		10	5.08	9310	1	<0.01	<1	480	6	0.22	<5	1	119	<20	0.02	<10
393110		10	4.42	7340	<1	<0.01	<1	460	<2	0.47	<5	<1	89	<20	0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149726

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
393091		<10	24	<10	30	3.56
393092		<10	24	<10	21	4.23
393093		<10	7	<10	7	4.47
393094		<10	11	<10	8	4.81
393095		<10	9	<10	8	4.05
393096		<10	9	<10	24	2.33
393097		<10	20	<10	23	1.73
393098		<10	17	<10	23	3.85
393099		<10	11	<10	15	3.95
393100		<10	62	<10	228	0.04
393101		<10	13	<10	15	7.09
393102		<10	14	<10	13	4.99
393103		<10	16	<10	14	6.61
393104		<10	13	<10	12	7.00
393105		<10	3	<10	34	0.20
393106		<10	17	<10	21	5.20
393107		<10	9	<10	21	3.97
393108		<10	18	<10	27	3.92
393109		<10	12	<10	21	4.67
393110		<10	11	<10	22	4.57

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 18- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149726

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 11- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149724

Projet: KAN

Bon de commande #: KAN- 047

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149724

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
393071		0.087	<0.5	0.17	9	10	<0.5	<2	11.15	0.6	<1	6	5	13.95	<10	0.01
393072		0.016	<0.5	0.32	26	<10	<0.5	<2	8.76	0.9	3	7	39	15.75	<10	<0.01
393073		0.009	<0.5	0.34	27	10	<0.5	<2	10.50	0.9	10	4	46	17.35	<10	0.01
393074		0.010	<0.5	0.20	23	<10	<0.5	2	9.80	1.0	13	10	63	15.45	<10	<0.01
393075		1.030	<0.5	0.22	13	<10	<0.5	3	9.30	0.9	2	6	29	13.55	<10	<0.01
393076		0.032	<0.5	0.24	24	<10	<0.5	3	7.50	0.8	3	5	65	13.20	<10	<0.01
393077		0.153	<0.5	0.05	28	<10	<0.5	<2	3.14	0.8	2	3	16	13.60	<10	0.01
393078		0.163	<0.5	0.22	26	<10	<0.5	<2	5.64	0.5	6	10	80	15.60	<10	<0.01
393079		0.320	<0.5	0.23	12	<10	<0.5	<2	6.77	0.9	1	3	67	16.15	<10	<0.01
393080		1.350	1.2	7.57	95	120	4.5	5	2.14	2.5	18	66	61	5.05	30	4.13
393081		0.081	<0.5	0.20	<5	20	<0.5	<2	7.58	0.5	2	3	10	19.20	<10	0.06
393082		0.016	<0.5	0.10	<5	10	<0.5	4	8.42	0.7	1	4	3	17.60	<10	0.01
393083		0.020	<0.5	0.08	5	10	<0.5	4	8.46	0.7	3	3	7	17.35	<10	0.01
393084		3.14	<0.5	0.22	6	30	<0.5	<2	9.92	0.9	4	4	10	17.25	<10	0.03
393085		0.010	<0.5	0.04	<5	190	<0.5	<2	18.6	<0.5	<1	1	3	0.62	<10	0.02
393086		0.043	<0.5	0.07	5	10	<0.5	<2	7.98	0.8	2	3	6	16.25	<10	0.01
393087		<0.005	<0.5	0.26	5	10	<0.5	2	12.05	0.8	3	6	4	16.60	<10	<0.01
393088		0.018	<0.5	0.30	6	10	0.6	4	6.86	0.7	2	6	8	19.50	<10	0.01
393089		<0.005	<0.5	0.13	<5	10	<0.5	6	7.49	0.9	2	4	2	18.30	<10	0.01
393090		0.112	<0.5	0.73	<5	10	<0.5	<2	4.35	<0.5	3	10	16	11.85	<10	0.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149724

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
393071		10	4.77	5480	<1	<0.01	3	390	2	0.25	<5	<1	134	<20	<0.01	<10
393072		10	3.92	6290	<1	<0.01	12	400	4	1.80	<5	<1	137	<20	<0.01	<10
393073		10	4.60	6420	<1	<0.01	11	470	3	2.82	<5	<1	129	<20	<0.01	<10
393074		10	3.99	5400	<1	<0.01	21	280	7	3.61	<5	<1	143	<20	<0.01	<10
393075		10	4.00	5770	<1	<0.01	4	350	4	1.46	<5	<1	172	<20	<0.01	<10
393076		<10	2.84	3790	<1	<0.01	11	220	3	2.83	<5	<1	106	<20	<0.01	<10
393077		<10	2.13	4100	<1	<0.01	2	310	<2	0.74	<5	<1	41	<20	<0.01	<10
393078		<10	2.25	5570	<1	<0.01	17	330	4	0.85	<5	<1	88	<20	<0.01	<10
393079		<10	2.61	4380	<1	<0.01	18	380	4	3.26	<5	<1	103	<20	<0.01	<10
393080		10	1.68	442	<1	3.47	70	950	158	2.66	<5	5	253	<20	0.48	<10
393081		<10	3.85	5760	<1	<0.01	<1	320	4	0.60	<5	<1	92	<20	0.01	<10
393082		<10	4.15	5410	<1	<0.01	2	250	3	0.26	<5	<1	92	<20	<0.01	<10
393083		<10	4.58	5550	<1	<0.01	2	290	<2	0.20	<5	<1	78	<20	<0.01	<10
393084		10	4.81	5970	<1	<0.01	2	290	5	0.78	<5	<1	157	<20	0.01	<10
393085		<10	13.05	542	<1	0.04	<1	30	3	0.02	<5	<1	146	<20	<0.01	<10
393086		10	3.81	6110	<1	<0.01	1	500	3	0.14	<5	<1	99	<20	<0.01	<10
393087		10	5.35	6960	1	<0.01	3	390	4	0.25	<5	1	126	<20	0.01	<10
393088		10	3.66	6120	<1	<0.01	2	490	3	0.28	<5	1	68	<20	0.01	<10
393089		<10	3.60	4750	<1	<0.01	1	310	2	0.07	<5	<1	74	<20	0.01	<10
393090		<10	2.20	4170	<1	<0.01	5	180	<2	1.23	<5	<1	95	<20	<0.01	<10

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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149724

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
393071		<10	15	<10	22	5.29
393072		<10	19	<10	39	6.38
393073		<10	19	<10	35	4.81
393074		<10	12	<10	30	6.61
393075		<10	12	<10	30	5.33
393076		<10	14	<10	26	2.44
393077		<10	4	<10	21	3.88
393078		<10	11	<10	35	2.99
393079		<10	13	<10	25	3.46
393080		<10	62	<10	236	0.04
393081		<10	16	<10	17	4.40
393082		<10	12	<10	12	3.60
393083		<10	9	<10	16	4.64
393084		<10	17	<10	20	3.50
393085		<10	3	<10	103	0.25
393086		<10	9	<10	18	4.62
393087		<10	28	<10	20	4.02
393088		<10	29	<10	25	3.99
393089		<10	13	<10	17	5.08
393090		<10	36	<10	53	1.73

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Projet: KAN

CERTIFICAT D'ANALYSE VO15149724

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 18- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149723

Projet: KAN

Bon de commande #: KAN- 046

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 18- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149723

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
393051		<0.005	<0.5	0.40	6	<10	<0.5	2	9.25	0.6	<1	5	4	17.90	<10	<0.01
393052		<0.005	<0.5	0.24	<5	<10	<0.5	<2	6.65	1.2	2	5	8	21.7	<10	<0.01
393053		0.062	<0.5	0.23	<5	<10	<0.5	2	5.95	0.7	<1	8	10	13.65	<10	0.01
393054		0.073	<0.5	0.38	5	<10	<0.5	7	10.35	0.8	<1	14	8	12.15	<10	<0.01
393055		0.077	<0.5	0.30	<5	<10	<0.5	<2	11.30	1.0	1	6	3	17.00	<10	<0.01
393056		<0.005	<0.5	0.24	7	<10	<0.5	<2	13.7	1.0	1	6	3	13.75	<10	0.01
393057		0.338	<0.5	0.33	<5	10	<0.5	<2	9.13	0.9	1	6	6	14.45	<10	0.02
393058		0.029	<0.5	0.30	<5	10	<0.5	6	11.55	0.9	1	5	2	14.45	<10	0.03
393059		0.167	<0.5	0.19	19	10	<0.5	3	11.45	0.6	1	4	5	16.70	<10	0.01
393060		1.280	0.9	7.95	103	120	4.4	6	2.34	2.7	19	65	61	5.24	30	4.08
393061		0.018	<0.5	0.09	<5	10	<0.5	<2	9.06	0.5	1	3	6	15.00	<10	0.01
393062		0.078	<0.5	0.14	<5	10	<0.5	<2	5.09	1.1	1	2	4	17.85	<10	0.02
393063		0.106	<0.5	0.17	<5	10	<0.5	<2	6.83	1.0	2	4	6	14.60	<10	0.01
393064		0.014	<0.5	0.11	6	10	<0.5	3	6.90	0.7	1	8	2	17.45	<10	0.01
393065		<0.005	<0.5	0.02	<5	100	<0.5	4	18.8	<0.5	<1	2	<1	0.25	<10	0.01
393066		0.072	<0.5	0.14	<5	10	<0.5	2	7.02	1.1	<1	3	4	19.60	<10	0.02
393067		0.098	<0.5	0.16	<5	<10	<0.5	<2	10.60	1.3	<1	2	3	15.25	<10	0.01
393068		0.625	<0.5	0.20	<5	<10	<0.5	<2	7.42	1.1	2	2	14	21.5	<10	0.01
393069		0.098	<0.5	0.13	<5	<10	<0.5	<2	11.15	1.3	<1	1	2	18.25	<10	0.01
393070		0.081	<0.5	0.18	<5	<10	<0.5	2	12.9	1.2	<1	2	3	15.90	<10	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 18- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149723

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
393051		10	4.41	6230	1	<0.01	<1	400	3	0.31	<5	1	118	<20	0.01	<10
393052		10	2.84	7160	1	<0.01	1	470	<2	0.53	<5	1	100	<20	0.01	<10
393053		10	2.17	4860	<1	<0.01	<1	470	<2	0.37	<5	1	105	<20	<0.01	<10
393054		10	3.69	5320	<1	<0.01	2	240	<2	0.22	<5	1	162	<20	<0.01	10
393055		10	5.63	6390	1	<0.01	<1	460	<2	0.21	9	1	108	<20	0.01	<10
393056		10	5.51	6000	1	<0.01	<1	380	<2	0.21	<5	1	144	<20	0.01	<10
393057		10	4.12	5420	1	<0.01	<1	270	<2	0.42	<5	1	116	<20	0.01	<10
393058		10	4.87	5700	1	<0.01	2	320	3	0.26	<5	1	146	<20	0.01	<10
393059		10	5.07	5570	<1	<0.01	2	180	3	0.59	<5	1	138	<20	0.01	<10
393060		10	1.71	456	1	3.53	70	960	159	2.71	11	5	262	<20	0.49	<10
393061		10	4.16	4760	<1	<0.01	<1	210	<2	0.40	<5	1	85	<20	<0.01	<10
393062		<10	3.50	4910	<1	<0.01	<1	430	<2	0.34	<5	<1	66	<20	<0.01	<10
393063		10	3.63	4520	<1	<0.01	<1	350	<2	0.25	<5	<1	85	<20	<0.01	<10
393064		10	4.41	4770	<1	<0.01	<1	370	<2	0.32	<5	<1	78	<20	0.01	<10
393065		<10	13.25	490	<1	0.02	<1	40	2	<0.01	5	<1	123	<20	<0.01	<10
393066		10	4.74	5550	<1	<0.01	<1	280	<2	0.33	<5	<1	87	<20	0.01	<10
393067		10	4.44	6350	<1	<0.01	<1	280	3	0.18	<5	1	166	<20	<0.01	<10
393068		10	4.32	7400	<1	<0.01	1	560	2	1.06	<5	<1	120	<20	<0.01	<10
393069		10	5.24	6780	<1	<0.01	<1	390	<2	0.31	<5	<1	142	<20	<0.01	<10
393070		10	5.18	6320	<1	<0.01	<1	410	<2	0.20	<5	<1	156	<20	<0.01	<10

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Finalisée date: 18- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149723

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
393051		<10	32	<10	42	3.15
393052		<10	26	<10	44	2.68
393053		<10	16	<10	33	3.12
393054		<10	26	<10	31	2.98
393055		<10	30	<10	23	5.13
393056		<10	26	<10	20	4.09
393057		<10	28	<10	32	4.57
393058		<10	31	<10	25	6.16
393059		<10	21	<10	25	2.63
393060		<10	63	<10	245	0.04
393061		<10	14	<10	15	3.46
393062		<10	10	<10	21	3.26
393063		<10	13	<10	22	4.44
393064		<10	11	<10	12	4.79
393065		<10	3	<10	28	0.28
393066		<10	11	<10	22	4.33
393067		<10	13	<10	26	4.27
393068		<10	13	<10	45	2.68
393069		<10	12	<10	30	4.61
393070		<10	16	<10	27	4.60

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Finalisée date: 18- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149723

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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Finalisée date: 13- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149722

Projet: KAN

Bon de commande #: KAN- 044

Ce rapport s'applique aux 19 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149722

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
393011		0.084	<0.5	0.23	62	10	<0.5	<2	3.67	0.9	8	6	34	23.8	<10	0.10
393012		0.158	<0.5	0.17	44	10	<0.5	<2	1.77	1.2	6	6	5	26.6	<10	0.08
393013		0.117	<0.5	0.14	<5	10	<0.5	<2	2.15	0.8	4	5	12	21.8	<10	0.04
393014		0.193	<0.5	0.27	12	20	<0.5	<2	1.72	0.8	9	4	7	25.0	<10	0.07
393015		0.571	<0.5	0.27	<5	10	<0.5	3	1.14	0.6	8	3	4	25.6	<10	0.06
393016		0.016	<0.5	0.03	<5	<10	<0.5	<2	0.90	<0.5	6	14	3	14.80	<10	0.01
393017		0.005	<0.5	0.12	40	10	<0.5	<2	2.43	1.0	8	8	2	20.2	<10	0.04
393018		0.007	<0.5	0.08	42	10	<0.5	<2	1.87	1.1	10	8	2	18.80	<10	0.01
393019		0.319	<0.5	0.34	23	30	<0.5	<2	2.06	0.9	7	15	9	23.1	<10	0.13
393020		3.21	<0.5	7.80	<5	160	3.8	<2	2.92	<0.5	24	80	36	4.16	30	4.21
393021		0.692	<0.5	0.25	9	20	<0.5	<2	3.42	1.1	6	13	6	16.85	<10	0.08
393022		0.014	0.9	6.30	<5	470	4.1	<2	0.26	<0.5	11	147	53	10.60	20	3.67
393023		0.015	<0.5	0.84	<5	10	<0.5	2	4.00	0.7	7	8	84	13.95	<10	0.18
393024		0.014	0.5	1.06	<5	10	<0.5	<2	2.39	0.8	9	10	83	15.55	<10	0.10
393025		<0.005	<0.5	0.03	<5	60	<0.5	<2	15.8	<0.5	<1	1	<1	0.23	<10	0.02
393026		0.007	<0.5	0.39	<5	10	<0.5	<2	1.45	<0.5	5	13	28	6.55	<10	0.09
393027		0.016	0.9	0.41	<5	10	<0.5	<2	2.13	1.0	17	5	191	25.0	<10	0.09
393028		0.123	<0.5	0.37	<5	10	<0.5	<2	1.50	0.7	3	2	33	23.2	<10	0.10
393029		0.009	<0.5	0.09	<5	10	<0.5	<2	3.92	0.9	2	8	30	10.85	<10	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149722

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
393011		10	2.06	9290	<1	0.01	9	230	3	1.39	<5	<1	83	<20	0.01	<10
393012		10	3.01	9280	<1	<0.01	2	260	<2	0.40	<5	<1	38	<20	0.01	<10
393013		10	1.74	5480	<1	<0.01	<1	10	<2	0.44	<5	<1	59	<20	<0.01	<10
393014		10	3.00	7500	<1	<0.01	2	50	2	0.31	<5	<1	51	<20	<0.01	<10
393015		10	2.99	7120	<1	<0.01	<1	30	<2	0.25	<5	<1	34	<20	<0.01	<10
393016		<10	1.28	4400	<1	<0.01	1	40	<2	0.05	<5	<1	18	<20	<0.01	<10
393017		10	2.76	6580	<1	<0.01	2	110	2	0.16	<5	<1	56	<20	0.01	<10
393018		10	2.00	6260	<1	<0.01	2	110	3	0.07	<5	<1	37	<20	0.01	<10
393019		10	2.94	9970	<1	<0.01	5	340	<2	0.41	<5	1	39	<20	0.04	<10
393020		10	2.33	612	1	3.31	92	1310	40	0.02	<5	6	351	<20	0.68	<10
393021		<10	2.35	7420	<1	0.01	4	210	<2	0.22	<5	1	59	<20	0.02	<10
393022		50	1.38	679	68	0.05	16	460	99	2.50	<5	18	18	<20	0.26	<10
393023		<10	2.21	4820	<1	0.01	27	240	2	5.04	<5	1	122	<20	0.01	<10
393024		<10	2.08	4510	<1	0.01	31	160	<2	5.39	<5	1	70	<20	0.01	<10
393025		<10	11.85	365	<1	0.03	<1	40	4	0.03	<5	<1	116	<20	<0.01	<10
393026		<10	0.86	2030	<1	0.01	9	10	<2	1.90	<5	1	41	<20	<0.01	<10
393027		<10	1.44	3340	<1	<0.01	56	40	<2	>10.0	<5	<1	62	<20	<0.01	<10
393028		10	1.87	7100	<1	<0.01	7	40	<2	0.61	<5	<1	43	<20	<0.01	<10
393029		<10	1.35	4270	<1	<0.01	9	60	<2	2.12	<5	<1	97	<20	<0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149722

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
393011		<10	12	<10	55	2.84
393012		<10	13	<10	30	4.80
393013		<10	7	<10	24	2.61
393014		<10	12	<10	42	4.01
393015		<10	13	<10	39	2.84
393016		<10	4	<10	12	2.26
393017		<10	12	<10	18	3.63
393018		<10	10	<10	10	3.74
393019		<10	23	<10	36	6.45
393020		<10	82	<10	52	0.04
393021		<10	16	<10	16	5.11
393022		10	252	<10	82	1.60
393023		<10	32	<10	56	6.48
393024		<10	40	<10	84	3.18
393025		<10	2	<10	75	0.31
393026		<10	13	<10	30	4.33
393027		<10	14	<10	63	5.96
393028		<10	14	<10	65	1.94
393029		<10	5	<10	28	3.32

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QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149722

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149720

Projet: KAN

Bon de commande #: KAN- 043

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149720

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
311041		0.052	<0.5	0.16	<5	10	<0.5	7	6.85	0.6	<1	4	1	18.40	<10	0.02
311042		0.017	<0.5	0.14	<5	10	<0.5	3	9.49	0.5	3	4	1	17.90	<10	0.01
311043		0.019	<0.5	0.33	11	10	<0.5	<2	9.53	<0.5	3	6	4	18.75	<10	0.02
311044		<0.005	<0.5	0.19	8	10	<0.5	4	9.04	0.5	3	4	8	18.30	<10	0.01
311045		0.014	<0.5	0.12	<5	<10	<0.5	<2	4.03	<0.5	2	3	2	11.85	<10	0.01
311046		0.007	<0.5	0.73	<5	10	0.5	6	10.60	0.7	4	4	2	18.10	<10	0.01
311047		<0.005	<0.5	0.76	6	20	<0.5	<2	9.76	0.5	2	4	3	16.75	<10	0.03
311048		<0.005	<0.5	0.24	6	10	<0.5	<2	7.55	<0.5	2	2	2	13.55	<10	0.02
311049		0.910	<0.5	0.29	45	10	<0.5	<2	9.92	<0.5	<1	1	4	15.95	<10	0.02
311050		3.52	<0.5	8.20	<5	160	3.8	4	2.83	<0.5	24	84	34	3.93	20	4.13
393001		0.029	<0.5	0.15	12	10	<0.5	3	11.20	<0.5	2	1	4	14.80	<10	0.03
393002		0.024	<0.5	0.19	351	10	<0.5	<2	9.62	0.6	5	3	5	19.00	<10	0.02
393003		0.100	<0.5	0.20	25	20	<0.5	4	11.25	<0.5	2	2	7	15.90	<10	0.03
393004		<0.005	<0.5	0.52	<5	10	<0.5	4	9.83	<0.5	2	3	3	17.15	<10	0.02
393005		<0.005	<0.5	0.15	<5	230	<0.5	4	15.9	<0.5	<1	1	<1	0.32	<10	0.09
393006		<0.005	<0.5	0.58	<5	20	0.5	4	10.95	<0.5	4	2	1	15.90	<10	0.03
393007		0.097	<0.5	0.23	<5	10	<0.5	<2	7.57	<0.5	3	2	4	17.05	<10	0.01
393008		<0.005	<0.5	0.40	15	<10	<0.5	<2	6.21	<0.5	1	10	8	9.71	<10	0.03
393009		0.268	<0.5	0.28	<5	20	<0.5	2	4.66	<0.5	5	3	21	24.4	<10	0.08
393010		0.050	<0.5	0.41	41	10	<0.5	<2	4.45	0.7	5	3	39	17.80	<10	0.16

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149720

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
311041		<10	3.70	4650	<1	<0.01	<1	250	3	0.08	<5	<1	78	<20	0.01	<10
311042		<10	4.68	4260	<1	<0.01	<1	190	3	0.13	<5	<1	70	<20	0.01	<10
311043		<10	4.83	4140	<1	<0.01	1	260	3	0.32	<5	1	94	<20	0.02	<10
311044		<10	4.78	3940	<1	<0.01	1	240	6	0.35	<5	1	69	<20	0.01	<10
311045		<10	2.50	2630	<1	<0.01	<1	180	3	0.12	<5	<1	51	<20	<0.01	<10
311046		10	5.43	3950	<1	<0.01	1	370	4	0.12	<5	<1	126	<20	0.02	<10
311047		10	4.19	3850	<1	<0.01	<1	180	3	0.15	<5	<1	123	<20	0.01	<10
311048		10	2.83	3620	<1	<0.01	<1	460	5	0.10	<5	<1	76	<20	<0.01	<10
311049		<10	3.17	4170	<1	<0.01	<1	170	4	0.24	<5	<1	108	<20	<0.01	<10
311050		10	2.29	565	1	3.24	91	1290	36	0.02	<5	7	355	<20	0.68	<10
393001		<10	3.79	4120	<1	0.01	<1	220	6	0.17	<5	<1	110	<20	<0.01	<10
393002		10	3.89	4580	1	<0.01	<1	330	4	0.26	<5	<1	102	<20	0.01	<10
393003		<10	4.56	4290	<1	<0.01	<1	160	3	0.30	<5	<1	125	<20	<0.01	<10
393004		10	4.87	4010	<1	<0.01	<1	280	3	0.18	<5	<1	121	<20	0.01	<10
393005		<10	10.85	363	<1	0.07	<1	50	2	<0.01	<5	<1	155	<20	<0.01	<10
393006		10	4.76	3600	<1	<0.01	<1	320	5	0.09	<5	<1	160	<20	0.01	<10
393007		<10	4.27	3820	<1	<0.01	<1	260	4	0.30	<5	<1	85	<20	0.01	<10
393008		<10	2.50	3200	<1	0.01	<1	420	2	0.55	<5	1	140	<20	<0.01	<10
393009		10	3.75	7480	<1	<0.01	<1	500	5	1.12	<5	<1	59	<20	<0.01	10
393010		<10	1.59	8270	<1	0.01	7	240	3	0.79	<5	1	165	<20	0.01	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149720

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
311041		<10	11	<10	21	5.35
311042		<10	13	<10	11	4.86
311043		<10	34	<10	20	4.75
311044		<10	23	<10	18	5.83
311045		<10	7	<10	13	4.48
311046		<10	28	<10	34	5.23
311047		<10	27	<10	37	5.22
311048		<10	8	<10	22	4.32
311049		<10	13	<10	33	3.65
311050		<10	85	<10	51	0.04
393001		<10	8	<10	22	4.41
393002		<10	14	<10	24	4.09
393003		<10	9	<10	23	4.07
393004		<10	18	<10	28	3.70
393005		<10	3	<10	21	0.30
393006		<10	21	<10	26	3.17
393007		<10	14	<10	15	5.40
393008		<10	16	<10	39	3.94
393009		<10	17	<10	35	2.42
393010		<10	16	<10	52	4.47

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149720

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149716

Projet: KAN

Bon de commande #: KAN- 042

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149716

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
311021		<0.005	<0.5	0.14	<5	10	<0.5	3	2.92	<0.5	2	7	2	20.7	<10	0.02
311022		0.070	<0.5	0.19	<5	10	<0.5	<2	4.96	0.5	1	6	5	19.15	<10	0.03
311023		0.006	<0.5	0.20	5	10	<0.5	3	5.87	<0.5	1	6	2	20.5	<10	0.02
311024		0.034	<0.5	0.21	<5	10	<0.5	4	8.58	0.5	2	4	3	17.80	<10	0.02
311025		0.280	<0.5	0.18	<5	10	<0.5	<2	4.83	0.5	2	6	4	17.90	<10	0.02
311026		0.306	<0.5	0.28	<5	20	<0.5	2	7.85	0.5	2	6	6	18.35	<10	0.03
311027		0.107	<0.5	0.13	<5	10	<0.5	2	5.17	<0.5	2	10	2	13.15	<10	0.01
311028		<0.005	<0.5	0.15	<5	10	<0.5	4	4.44	<0.5	1	10	3	13.15	<10	0.02
311029		0.119	<0.5	0.19	10	20	<0.5	<2	10.55	0.5	5	4	3	18.35	<10	0.03
311030		3.50	<0.5	8.16	<5	160	4.0	4	2.89	<0.5	25	87	35	3.98	30	4.11
311031		0.098	<0.5	0.40	6	20	<0.5	4	7.45	0.5	3	7	4	14.40	<10	0.05
311032		0.016	<0.5	0.19	<5	10	<0.5	2	8.47	<0.5	1	7	3	18.25	<10	0.01
311033		0.026	<0.5	0.37	6	10	<0.5	3	9.82	<0.5	2	7	9	17.25	<10	0.02
311034		0.005	<0.5	0.44	5	10	<0.5	<2	9.63	0.6	5	10	10	17.45	<10	<0.01
311035		<0.005	<0.5	0.04	<5	310	<0.5	4	16.1	<0.5	<1	2	1	0.51	<10	0.03
311036		0.142	<0.5	0.48	<5	20	<0.5	2	4.96	<0.5	5	9	11	18.70	<10	0.04
311037		0.011	<0.5	0.17	5	10	<0.5	4	5.44	<0.5	3	7	3	19.65	<10	0.01
311038		0.038	<0.5	0.22	<5	10	<0.5	3	5.76	0.5	4	4	3	22.5	<10	0.01
311039		<0.005	<0.5	0.10	5	10	<0.5	<2	6.27	<0.5	3	4	<1	19.35	<10	0.01
311040		0.051	<0.5	0.12	<5	10	<0.5	3	5.99	<0.5	1	5	1	18.20	<10	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149716

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
311021		<10	2.86	6070	<1	<0.01	<1	240	4	0.22	<5	<1	34	<20	0.01	<10
311022		<10	3.67	5940	1	<0.01	<1	280	3	0.28	<5	<1	54	<20	0.01	<10
311023		<10	3.70	5680	<1	<0.01	<1	360	3	0.13	<5	<1	67	<20	0.01	<10
311024		<10	3.80	5640	<1	<0.01	<1	300	3	0.17	<5	<1	92	<20	0.01	<10
311025		<10	2.89	4700	<1	<0.01	<1	220	3	0.20	<5	<1	63	<20	<0.01	<10
311026		10	3.79	5310	1	<0.01	<1	250	5	0.25	<5	<1	96	<20	0.01	10
311027		<10	2.61	3540	<1	<0.01	<1	180	5	0.12	<5	<1	47	<20	0.01	<10
311028		<10	2.25	3450	<1	<0.01	<1	180	3	0.32	<5	<1	48	<20	<0.01	<10
311029		<10	4.91	4960	<1	<0.01	<1	270	3	0.14	<5	<1	109	<20	0.01	<10
311030		10	2.29	577	1	3.29	91	1320	37	0.02	<5	6	358	<20	0.69	<10
311031		10	3.15	4690	<1	0.01	<1	290	4	0.26	<5	<1	107	<20	0.01	<10
311032		<10	4.11	4090	<1	<0.01	<1	210	4	0.24	<5	<1	88	<20	0.01	<10
311033		10	4.56	4060	1	<0.01	1	320	4	0.40	<5	1	115	<20	0.02	<10
311034		<10	5.12	3750	1	<0.01	1	260	5	0.58	<5	1	83	<20	0.02	<10
311035		<10	12.00	469	<1	0.04	<1	70	7	0.02	<5	<1	120	<20	<0.01	<10
311036		<10	3.66	4230	1	<0.01	1	300	<2	0.56	<5	1	64	<20	0.02	<10
311037		<10	2.99	5000	<1	<0.01	<1	280	3	0.19	<5	<1	58	<20	0.01	<10
311038		<10	3.49	5240	<1	<0.01	<1	320	<2	0.14	<5	<1	63	<20	0.01	<10
311039		<10	4.19	4550	<1	<0.01	<1	230	2	0.04	<5	<1	59	<20	0.01	<10
311040		<10	3.51	4180	<1	<0.01	<1	300	<2	0.12	<5	<1	58	<20	<0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149716

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
311021		<10	16	<10	18	3.87
311022		<10	14	<10	22	5.30
311023		<10	14	<10	17	3.28
311024		<10	12	<10	20	4.64
311025		<10	11	<10	23	4.88
311026		<10	20	<10	32	3.97
311027		<10	9	<10	18	4.41
311028		<10	10	10	21	3.78
311029		<10	14	<10	21	4.82
311030		<10	86	<10	53	0.06
311031		<10	22	10	31	4.06
311032		<10	16	<10	19	5.30
311033		<10	33	<10	25	7.65
311034		<10	42	<10	26	6.16
311035		<10	3	<10	38	0.17
311036		<10	34	<10	33	5.77
311037		<10	12	<10	19	4.94
311038		<10	15	<10	18	4.02
311039		<10	9	<10	10	5.21
311040		<10	9	<10	15	4.33

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149716

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149715

Projet: KAN

Bon de commande #: KAN- 041

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149715

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
311001		0.018	<0.5	0.74	<5	10	<0.5	2	1.21	<0.5	4	6	5	26.2	<10	0.01
311002		<0.005	<0.5	0.16	<5	10	<0.5	4	9.20	0.6	<1	3	<1	13.30	<10	0.03
311003		<0.005	<0.5	0.11	7	<10	<0.5	<2	6.27	<0.5	<1	6	1	13.15	<10	<0.01
311004		<0.005	<0.5	0.06	<5	<10	<0.5	<2	5.36	<0.5	<1	5	<1	12.65	<10	<0.01
311005		<0.005	<0.5	0.03	<5	<10	<0.5	<2	2.71	<0.5	1	6	2	12.30	<10	<0.01
311006		<0.005	<0.5	0.08	<5	10	<0.5	4	7.15	<0.5	<1	4	2	19.45	<10	0.01
311007		<0.005	<0.5	0.08	9	<10	<0.5	5	8.98	<0.5	3	3	<1	14.75	<10	<0.01
311008		<0.005	<0.5	0.15	5	<10	<0.5	2	4.94	<0.5	1	5	<1	16.75	<10	<0.01
311009		<0.005	<0.5	0.18	<5	<10	<0.5	2	7.04	0.6	2	6	7	15.75	<10	<0.01
311010		3.17	<0.5	7.93	<5	160	3.8	2	2.87	<0.5	25	87	35	3.96	30	4.13
311011		0.008	<0.5	0.09	<5	<10	<0.5	<2	8.17	0.5	2	2	1	14.80	<10	0.01
311012		<0.005	<0.5	0.09	<5	<10	<0.5	5	9.21	<0.5	<1	3	<1	14.90	<10	<0.01
311013		<0.005	<0.5	0.23	13	<10	<0.5	<2	2.67	<0.5	2	7	<1	15.95	<10	<0.01
311014		<0.005	<0.5	0.21	19	<10	<0.5	2	1.01	<0.5	5	18	1	15.50	<10	<0.01
311015		<0.005	<0.5	0.03	<5	490	<0.5	2	17.9	<0.5	<1	4	<1	0.20	<10	0.02
311016		<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.26	<0.5	1	16	<1	4.77	<10	<0.01
311017		0.006	<0.5	0.09	<5	10	<0.5	3	2.74	<0.5	1	7	20	14.00	<10	0.03
311018		0.052	<0.5	0.14	<5	10	<0.5	3	8.38	0.8	2	4	5	19.75	<10	0.04
311019		0.020	<0.5	0.11	<5	10	<0.5	5	3.38	<0.5	2	6	6	17.95	<10	0.03
311020		0.407	<0.5	0.24	<5	30	<0.5	<2	2.34	<0.5	1	9	12	18.30	<10	0.04

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149715

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
311001		10	2.08	6870	<1	<0.01	1	380	<2	0.28	<5	<1	14	<20	0.02	<10
311002		10	4.00	5010	<1	<0.01	<1	180	<2	0.08	<5	<1	96	<20	<0.01	<10
311003		<10	3.53	3840	<1	<0.01	<1	340	2	0.17	<5	<1	51	<20	0.01	<10
311004		<10	2.14	3800	<1	<0.01	<1	310	3	0.04	<5	<1	45	<20	<0.01	<10
311005		<10	1.75	3930	<1	<0.01	<1	240	<2	0.19	<5	<1	28	<20	<0.01	10
311006		10	3.63	6950	<1	<0.01	<1	390	4	0.29	<5	<1	70	<20	<0.01	10
311007		10	4.62	5140	<1	<0.01	<1	240	4	0.13	<5	<1	52	<20	<0.01	<10
311008		<10	2.99	4750	<1	<0.01	<1	370	2	0.08	<5	<1	31	<20	0.01	<10
311009		<10	3.46	4700	1	<0.01	<1	240	3	0.17	<5	<1	39	<20	0.01	<10
311010		10	2.27	581	2	3.27	93	1310	36	0.02	<5	6	355	<20	0.69	<10
311011		<10	4.03	4110	<1	<0.01	<1	200	4	0.21	<5	<1	60	<20	<0.01	<10
311012		<10	4.79	4540	<1	<0.01	<1	310	4	0.13	<5	<1	55	<20	<0.01	10
311013		10	2.18	4980	<1	<0.01	<1	170	<2	0.07	<5	<1	15	<20	0.01	10
311014		<10	1.53	7880	<1	<0.01	1	330	3	0.08	<5	<1	10	<20	0.02	<10
311015		<10	12.50	409	<1	0.03	<1	40	4	0.01	<5	<1	167	<20	<0.01	10
311016		<10	0.47	2330	<1	<0.01	<1	220	2	0.02	<5	<1	2	<20	<0.01	<10
311017		<10	1.40	4150	<1	<0.01	2	270	2	0.40	<5	<1	21	<20	<0.01	<10
311018		10	3.90	6470	1	<0.01	<1	260	6	0.46	<5	<1	73	<20	0.01	10
311019		<10	2.59	5590	<1	<0.01	2	190	2	0.65	<5	<1	35	<20	<0.01	<10
311020		<10	2.49	5380	<1	<0.01	1	280	4	0.57	<5	<1	31	<20	0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149715

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
311001		<10	27	<10	20	4.36
311002		<10	12	<10	19	6.27
311003		<10	11	<10	7	4.30
311004		<10	7	<10	7	5.36
311005		<10	5	<10	9	4.13
311006		<10	11	<10	18	6.12
311007		<10	9	<10	7	4.01
311008		<10	14	<10	6	5.06
311009		<10	18	<10	10	5.97
311010		<10	87	<10	52	0.05
311011		<10	9	<10	13	3.58
311012		<10	11	<10	6	3.93
311013		<10	10	<10	7	4.28
311014		<10	13	<10	6	2.06
311015		<10	2	<10	47	0.25
311016		<10	3	<10	<2	3.77
311017		<10	8	<10	17	2.95
311018		<10	13	<10	19	4.45
311019		<10	12	<10	19	3.59
311020		<10	21	<10	18	4.39

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149715

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149713

Projet: KAN

Bon de commande #: KAN- 040

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149713

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
311631		0.173	<0.5	0.32	10	10	<0.5	<2	0.71	<0.5	3	15	2	14.05	<10	0.02
311632		1.055	<0.5	0.10	6	10	<0.5	<2	3.70	0.5	2	4	6	22.4	<10	0.03
311633		0.043	<0.5	0.16	33	10	<0.5	<2	3.01	0.5	2	5	3	23.0	<10	0.03
311634		<0.005	<0.5	0.10	<5	<10	0.5	<2	1.39	<0.5	1	4	2	22.3	<10	0.03
311635		0.005	<0.5	0.13	<5	<10	<0.5	<2	2.64	<0.5	3	6	3	21.2	<10	0.01
311636		0.019	<0.5	0.16	<5	<10	<0.5	<2	8.37	0.6	1	8	1	14.35	<10	0.01
311637		0.248	<0.5	0.26	<5	20	<0.5	<2	2.86	<0.5	2	5	5	15.35	<10	0.06
311638		0.604	<0.5	0.66	<5	40	<0.5	<2	3.27	0.8	3	5	17	17.70	<10	0.16
311639		1.070	<0.5	0.26	6	20	<0.5	<2	2.36	0.5	1	11	4	16.10	<10	0.07
311640		3.49	<0.5	7.78	<5	150	3.7	6	2.78	<0.5	24	86	36	3.85	30	3.97
311641		<0.005	<0.5	0.14	<5	10	<0.5	<2	10.45	0.7	2	4	8	14.50	<10	0.02
311642		0.140	<0.5	0.19	6	10	<0.5	<2	7.06	0.6	2	7	10	13.60	<10	0.04
311643		0.006	<0.5	0.22	5	10	<0.5	3	7.23	<0.5	1	9	14	11.15	<10	0.03
311644		0.011	<0.5	0.32	10	20	<0.5	<2	8.06	0.6	1	5	11	13.80	<10	0.09
311645		<0.005	<0.5	0.03	<5	120	<0.5	6	19.4	<0.5	<1	1	<1	0.33	<10	0.02
311646		0.035	<0.5	0.40	<5	30	<0.5	5	9.80	0.6	1	6	3	14.70	<10	0.10
311647		<0.005	<0.5	0.18	42	10	<0.5	<2	10.25	0.8	1	5	1	13.25	<10	0.03
311648		0.133	<0.5	0.19	91	10	<0.5	3	8.81	0.9	2	7	6	13.25	<10	0.03
311649		0.102	<0.5	0.16	25	10	<0.5	4	5.52	<0.5	2	6	4	12.75	<10	0.02
311650		0.183	<0.5	0.20	<5	10	<0.5	<2	3.13	<0.5	<1	16	8	5.30	<10	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149713

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
311631		10	0.75	5650	<1	<0.01	6	520	<2	0.09	<5	1	18	<20	0.02	<10
311632		<10	3.22	6250	<1	<0.01	<1	120	2	0.30	<5	<1	66	<20	<0.01	<10
311633		10	3.21	8170	<1	<0.01	1	320	<2	0.18	<5	<1	47	<20	0.01	<10
311634		<10	2.57	6400	<1	<0.01	3	230	<2	0.21	<5	<1	16	<20	0.01	<10
311635		10	2.87	9490	<1	<0.01	2	280	3	0.27	<5	<1	29	<20	0.02	<10
311636		<10	3.51	5550	<1	<0.01	3	180	<2	0.11	<5	<1	86	<20	0.01	<10
311637		<10	2.28	3870	<1	<0.01	1	30	2	0.32	<5	<1	49	<20	<0.01	<10
311638		<10	1.95	5780	<1	<0.01	5	40	<2	0.63	<5	<1	93	<20	<0.01	<10
311639		<10	2.01	4560	<1	<0.01	1	180	<2	0.22	<5	<1	48	<20	<0.01	<10
311640		10	2.22	557	1	3.18	89	1270	36	0.02	<5	6	347	<20	0.67	<10
311641		10	2.65	6100	<1	0.01	<1	120	5	0.28	<5	<1	230	<20	<0.01	<10
311642		10	2.67	5230	<1	<0.01	<1	100	4	0.33	<5	<1	146	<20	0.01	<10
311643		<10	1.60	4450	<1	0.01	1	80	5	0.41	<5	<1	172	<20	<0.01	<10
311644		<10	2.51	5200	<1	0.01	<1	70	5	0.32	<5	<1	176	<20	0.01	<10
311645		<10	12.35	429	<1	0.02	<1	30	6	<0.01	<5	<1	158	<20	<0.01	<10
311646		<10	3.29	5820	<1	0.01	<1	90	5	0.16	<5	1	209	<20	0.01	<10
311647		<10	4.10	5030	<1	<0.01	<1	50	5	0.18	<5	<1	211	<20	0.01	<10
311648		<10	3.04	5090	<1	<0.01	<1	90	4	0.41	<5	<1	196	<20	<0.01	<10
311649		<10	2.59	4480	<1	<0.01	<1	220	3	0.32	<5	<1	121	<20	<0.01	10
311650		<10	0.58	2420	<1	0.01	<1	100	3	0.26	<5	<1	80	<20	<0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149713

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
311631		<10	19	<10	10	0.94
311632		<10	12	<10	17	4.70
311633		<10	12	<10	14	3.93
311634		<10	12	<10	4	3.29
311635		<10	11	<10	6	5.00
311636		<10	12	<10	8	4.65
311637		<10	11	<10	21	1.41
311638		<10	26	<10	36	2.39
311639		<10	17	<10	20	1.62
311640		<10	84	<10	51	0.06
311641		<10	10	<10	26	2.41
311642		<10	13	<10	27	5.25
311643		<10	12	<10	34	3.90
311644		<10	20	<10	31	3.24
311645		<10	2	<10	31	0.26
311646		<10	23	<10	40	3.82
311647		<10	12	<10	24	4.90
311648		<10	11	<10	28	5.80
311649		<10	8	<10	37	5.44
311650		<10	9	<10	18	1.38

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300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149713

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149710

Projet: KAN

Bon de commande #: KAN- 039

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149710

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
311611		<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	<1	26	4	0.74	<10	0.01
311612		<0.005	<0.5	0.15	17	10	0.5	<2	1.71	0.9	3	11	1	24.9	<10	0.03
311613		<0.005	<0.5	0.14	36	10	0.7	2	1.11	0.5	5	5	1	27.4	<10	0.04
311614		<0.005	<0.5	0.16	21	<10	<0.5	<2	1.21	0.8	5	6	1	23.9	<10	0.01
311615		0.017	<0.5	0.12	5	<10	0.6	<2	1.77	<0.5	4	7	15	23.2	<10	0.01
311616		<0.005	<0.5	0.12	5	<10	<0.5	<2	2.00	<0.5	2	15	4	15.55	<10	0.01
311617		<0.005	<0.5	0.11	6	<10	<0.5	<2	4.21	0.6	3	7	2	19.85	<10	0.01
311618		<0.005	<0.5	0.18	<5	<10	<0.5	<2	6.20	0.6	1	8	1	17.00	<10	0.01
311619		1.065	<0.5	0.46	<5	30	<0.5	<2	2.86	0.6	2	9	16	16.35	<10	0.13
311620		3.50	<0.5	7.46	<5	150	3.6	<2	2.70	<0.5	24	82	35	3.81	30	4.10
311621		1.335	<0.5	0.15	<5	10	<0.5	2	5.82	0.6	1	3	13	19.75	<10	0.05
311622		7.31	0.6	0.51	5	20	<0.5	<2	4.64	0.7	3	4	26	20.9	<10	0.08
311623		0.178	<0.5	0.13	18	<10	<0.5	3	0.89	0.5	1	3	3	24.7	<10	0.02
311624		<0.005	<0.5	0.11	25	<10	<0.5	2	0.79	<0.5	2	6	1	23.0	<10	0.03
311625		0.015	<0.5	0.03	<5	110	<0.5	<2	16.0	<0.5	<1	2	1	0.61	<10	0.02
311626		<0.005	<0.5	0.15	13	<10	<0.5	<2	0.93	<0.5	3	9	1	22.7	<10	0.03
311627		0.049	<0.5	0.12	<5	<10	<0.5	<2	2.62	0.5	1	7	2	13.20	<10	0.03
311628		<0.005	<0.5	0.34	13	<10	<0.5	<2	1.83	0.5	4	13	2	18.90	<10	<0.01
311629		<0.005	<0.5	0.16	21	<10	<0.5	<2	1.94	<0.5	2	7	2	19.50	<10	0.01
311630		0.201	<0.5	0.26	7	10	<0.5	2	1.81	<0.5	5	13	3	20.5	<10	0.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149710

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
311611		<10	0.01	51	1	<0.01	<1	<10	<2	0.02	<5	<1	<1	<20	<0.01	<10
311612		<10	2.83	10200	<1	0.01	4	280	2	0.10	<5	<1	22	<20	0.01	<10
311613		10	3.16	11700	<1	<0.01	5	460	<2	0.29	<5	<1	10	<20	0.01	<10
311614		10	2.81	10400	<1	<0.01	5	390	<2	0.07	<5	<1	11	<20	0.01	10
311615		<10	1.62	8510	<1	<0.01	2	290	2	0.20	<5	<1	14	<20	0.01	<10
311616		<10	0.69	7570	<1	<0.01	3	220	2	0.12	<5	<1	17	<20	0.01	<10
311617		10	2.70	8700	<1	<0.01	1	990	3	0.06	<5	<1	39	<20	0.01	<10
311618		<10	2.76	7330	<1	<0.01	3	220	3	0.06	<5	<1	56	<20	0.02	<10
311619		<10	1.98	5290	<1	<0.01	3	30	4	0.89	<5	<1	73	<20	<0.01	<10
311620		10	2.19	542	1	3.24	89	1200	32	0.02	<5	6	339	<20	0.67	<10
311621		<10	3.14	7610	1	<0.01	2	280	2	0.80	<5	<1	110	<20	<0.01	<10
311622		10	1.77	8640	1	<0.01	4	250	<2	0.46	<5	<1	135	<20	0.01	<10
311623		10	2.54	8730	<1	<0.01	2	280	2	0.26	<5	<1	13	<20	0.01	<10
311624		10	2.21	9690	<1	<0.01	1	300	<2	0.12	<5	<1	8	<20	0.01	<10
311625		<10	11.50	573	<1	0.02	<1	50	6	0.01	5	<1	139	<20	<0.01	<10
311626		<10	2.19	10050	1	<0.01	2	260	<2	0.07	<5	<1	12	<20	0.01	<10
311627		<10	1.67	5650	<1	<0.01	<1	200	3	0.15	<5	<1	34	<20	0.01	<10
311628		10	1.98	13450	1	<0.01	4	460	<2	0.03	<5	1	19	<20	0.03	<10
311629		10	2.35	10600	1	<0.01	6	400	<2	0.04	<5	<1	20	<20	0.02	<10
311630		10	2.50	9240	<1	<0.01	6	460	<2	0.12	<5	1	26	<20	0.02	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149710

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
311611		<10	1	<10	<2	4.61
311612		<10	13	<10	4	3.60
311613		<10	12	<10	3	4.97
311614		<10	12	<10	4	3.56
311615		<10	11	<10	4	2.16
311616		<10	10	<10	3	0.52
311617		<10	9	<10	6	3.36
311618		<10	14	<10	6	2.11
311619		<10	21	<10	30	2.79
311620		<10	82	<10	49	0.04
311621		<10	9	<10	29	4.96
311622		<10	20	<10	33	2.30
311623		<10	12	<10	10	4.76
311624		<10	10	<10	3	3.30
311625		<10	3	<10	21	0.25
311626		<10	11	<10	5	1.33
311627		<10	9	<10	10	4.65
311628		<10	20	<10	10	1.79
311629		<10	14	<10	5	2.98
311630		<10	17	<10	10	2.40

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149710

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149708

Projet: KAN

Bon de commande #: KAN- 038

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149708

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
311491		0.037	<0.5	0.05	<5	<10	<0.5	3	1.34	0.7	4	3	1	31.7	<10	0.02
311492		<0.005	<0.5	0.03	<5	<10	<0.5	2	1.35	0.8	2	2	<1	26.9	<10	0.01
311493		0.294	0.6	0.37	<5	20	<0.5	3	6.63	1.2	5	6	29	13.25	<10	0.16
311494		3.39	<0.5	0.56	<5	20	<0.5	2	3.91	1.5	8	8	43	17.50	<10	0.21
311495		0.823	<0.5	0.29	14	20	<0.5	3	1.09	1.2	4	7	10	24.7	<10	0.09
311496		0.006	<0.5	0.07	<5	<10	<0.5	<2	2.45	<0.5	1	20	4	8.21	<10	0.01
311497		0.807	<0.5	0.19	<5	10	<0.5	3	1.36	0.8	5	3	24	25.7	<10	0.08
311498		3.47	<0.5	0.36	<5	20	<0.5	4	2.20	0.7	12	5	38	20.2	<10	0.15
311499		0.624	<0.5	0.45	63	20	<0.5	8	1.09	0.9	6	18	18	26.5	<10	0.18
311500		3.47	<0.5	7.67	<5	160	3.8	2	2.90	<0.5	26	88	37	4.06	30	4.33
311601		3.80	<0.5	0.51	29	20	<0.5	4	2.31	1.2	6	5	48	26.8	<10	0.14
311602		1.730	<0.5	0.09	<5	10	<0.5	5	9.19	1.8	30	4	46	19.75	<10	0.04
311603		2.69	<0.5	0.58	<5	20	<0.5	2	3.67	1.1	4	3	58	21.1	<10	0.24
311604		0.114	<0.5	0.13	<5	<10	<0.5	<2	0.01	<0.5	1	15	3	0.93	<10	0.03
311605		<0.005	<0.5	0.02	<5	70	<0.5	<2	16.3	<0.5	<1	3	1	0.17	<10	0.01
311606		0.005	<0.5	0.07	<5	<10	<0.5	<2	0.03	<0.5	<1	22	4	0.87	<10	0.03
311607		<0.005	<0.5	0.39	<5	10	<0.5	<2	0.01	<0.5	2	30	10	1.91	<10	0.14
311608		0.006	<0.5	0.43	<5	10	<0.5	<2	0.03	<0.5	6	28	16	2.35	<10	0.16
311609		<0.005	<0.5	2.57	6	50	0.5	<2	0.25	<0.5	4	50	35	7.93	10	0.53
311610		<0.005	<0.5	0.99	<5	10	<0.5	<2	0.02	<0.5	<1	24	14	3.67	<10	0.19

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149708

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
311491		10	2.41	6970	<1	<0.01	<1	170	2	0.10	<5	<1	25	<20	<0.01	<10
311492		10	2.91	5460	<1	<0.01	<1	190	<2	0.04	<5	<1	23	<20	<0.01	10
311493		<10	2.05	5170	<1	0.01	6	10	2	1.64	<5	1	152	<20	<0.01	<10
311494		10	2.25	5110	<1	0.01	10	170	4	3.09	5	1	86	<20	0.01	<10
311495		10	2.58	7200	2	0.01	4	300	3	0.72	<5	1	25	<20	0.01	<10
311496		<10	1.36	2830	<1	<0.01	1	60	<2	0.34	<5	<1	36	<20	<0.01	<10
311497		10	2.66	6540	<1	<0.01	5	100	2	1.57	<5	<1	36	<20	<0.01	<10
311498		10	2.53	7070	<1	0.01	7	210	<2	2.10	<5	1	67	<20	0.01	10
311499		10	3.18	12100	<1	0.01	5	580	3	1.18	<5	1	30	<20	0.02	<10
311500		10	2.30	589	1	3.40	98	1340	39	0.02	<5	6	359	<20	0.71	<10
311601		10	3.21	5370	<1	0.01	9	190	3	3.04	<5	1	69	<20	<0.01	<10
311602		10	4.35	4160	<1	<0.01	13	70	3	5.07	<5	<1	152	<20	<0.01	10
311603		10	2.31	6490	<1	0.01	19	50	5	3.19	<5	1	113	<20	<0.01	<10
311604		<10	0.06	96	1	0.01	<1	<10	<2	0.08	<5	<1	<1	<20	<0.01	<10
311605		<10	11.40	316	<1	0.01	<1	30	5	0.01	<5	<1	132	<20	<0.01	<10
311606		<10	0.02	102	<1	<0.01	<1	<10	2	0.09	<5	<1	1	<20	<0.01	<10
311607		<10	0.09	140	<1	0.01	<1	<10	<2	0.18	<5	<1	1	<20	<0.01	<10
311608		<10	0.12	255	<1	0.01	<1	10	<2	0.32	<5	<1	1	<20	<0.01	<10
311609		20	1.55	1030	15	0.03	12	370	2	1.54	<5	6	12	<20	0.05	<10
311610		10	0.59	368	4	0.01	3	40	<2	0.67	<5	1	2	<20	0.02	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149708

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
311491		<10	12	<10	14	2.54
311492		<10	11	<10	9	4.36
311493		<10	21	<10	39	4.10
311494		<10	30	<10	47	3.71
311495		<10	24	<10	43	4.70
311496		<10	7	<10	14	3.94
311497		<10	12	<10	33	3.14
311498		<10	19	<10	33	4.44
311499		<10	25	<10	52	5.43
311500		<10	87	<10	54	0.04
311601		<10	25	<10	30	4.49
311602		<10	10	<10	21	1.94
311603		<10	24	<10	49	1.36
311604		<10	5	<10	6	5.86
311605		10	3	<10	27	0.26
311606		<10	4	<10	2	5.40
311607		<10	16	<10	11	5.13
311608		<10	15	<10	14	3.96
311609		<10	110	<10	133	7.82
311610		<10	39	<10	56	6.84

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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149708

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149704

Projet: KAN

Bon de commande #: KAN- 037

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149704

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
311471		0.359	<0.5	0.06	<5	10	0.8	<2	1.28	0.8	3	7	<1	30.0	<10	0.02
311472		2.38	<0.5	0.25	<5	30	<0.5	<2	1.93	0.6	8	5	28	23.2	<10	0.07
311473		0.099	<0.5	0.10	8	10	<0.5	<2	0.94	<0.5	4	4	5	23.7	<10	0.04
311474		1.790	<0.5	0.07	34	10	<0.5	<2	0.92	0.5	3	5	6	24.3	<10	0.02
311475		0.085	<0.5	0.12	122	10	<0.5	<2	1.65	0.9	9	4	33	26.9	<10	0.04
311476		0.377	<0.5	0.72	5	20	<0.5	<2	4.76	1.5	6	2	47	27.3	10	0.12
311477		0.614	<0.5	0.30	<5	10	<0.5	<2	1.42	0.8	4	5	9	22.5	<10	0.08
311478		<0.005	<0.5	0.04	<5	10	<0.5	<2	1.45	0.7	3	3	1	25.1	<10	0.01
311479		0.668	<0.5	0.10	<5	10	<0.5	<2	1.05	0.7	3	2	5	28.1	<10	0.03
311480		3.35	<0.5	7.14	<5	150	3.8	<2	2.81	<0.5	26	91	36	3.97	20	4.26
311481		1.015	<0.5	0.25	6	20	<0.5	<2	1.71	0.9	2	9	16	20.1	<10	0.09
311482		1.620	<0.5	0.30	<5	10	<0.5	<2	2.45	1.0	8	4	39	23.8	<10	0.10
311483		0.829	<0.5	0.58	27	20	<0.5	<2	1.14	1.0	7	12	28	25.5	<10	0.11
311484		1.250	<0.5	0.60	<5	10	<0.5	<2	2.52	0.7	18	8	79	18.50	10	0.13
311485		<0.005	<0.5	0.05	<5	60	<0.5	<2	17.4	<0.5	<1	3	2	0.45	<10	0.03
311486		0.311	<0.5	0.11	<5	10	<0.5	<2	9.57	0.8	3	8	2	18.30	<10	0.03
311487		1.855	<0.5	0.16	<5	10	<0.5	<2	7.05	0.9	1	7	3	16.10	<10	0.04
311488		0.087	<0.5	0.19	6	10	<0.5	<2	7.84	0.7	3	7	3	14.50	<10	0.04
311489		1.755	<0.5	0.29	<5	20	<0.5	<2	7.39	0.9	3	8	14	13.60	10	0.08
311490		0.964	<0.5	0.18	6	10	<0.5	<2	2.32	0.9	6	9	53	22.4	<10	0.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149704

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
311471		10	2.71	6250	<1	<0.01	2	190	3	0.06	<5	<1	18	<20	<0.01	<10
311472		10	2.81	5140	<1	<0.01	9	130	<2	1.84	<5	<1	64	<20	<0.01	<10
311473		10	2.60	4880	<1	<0.01	2	130	3	0.36	<5	<1	20	<20	<0.01	<10
311474		10	2.64	5180	<1	<0.01	2	150	3	0.48	<5	<1	20	<20	<0.01	<10
311475		10	3.91	7080	<1	<0.01	10	120	2	1.91	<5	<1	35	<20	<0.01	<10
311476		10	4.24	6950	<1	0.01	14	170	6	2.44	<5	1	164	<20	<0.01	<10
311477		<10	2.52	5460	<1	<0.01	6	130	3	0.70	<5	<1	37	<20	<0.01	<10
311478		10	3.50	5130	<1	<0.01	1	90	<2	0.10	<5	<1	24	<20	<0.01	<10
311479		10	2.96	5950	<1	<0.01	3	100	<2	0.36	<5	<1	19	<20	<0.01	<10
311480		10	2.29	587	1	3.36	99	1310	36	0.02	<5	6	338	<20	0.70	<10
311481		10	2.78	5510	<1	0.01	6	120	<2	0.87	<5	<1	46	<20	<0.01	<10
311482		10	3.00	6470	<1	0.01	12	140	2	2.54	<5	<1	71	<20	<0.01	<10
311483		10	3.36	8940	1	0.01	5	330	<2	1.77	<5	1	31	<20	0.02	<10
311484		10	1.79	4060	1	0.01	25	40	<2	5.82	<5	1	73	<20	<0.01	<10
311485		<10	13.35	435	2	0.05	<1	30	3	0.10	5	<1	116	<20	<0.01	<10
311486		10	4.40	5340	1	<0.01	1	140	<2	0.10	<5	<1	101	<20	0.01	<10
311487		<10	3.49	4770	2	<0.01	2	90	3	0.25	<5	<1	106	<20	<0.01	<10
311488		10	3.63	4590	1	<0.01	<1	160	<2	0.24	<5	<1	120	<20	<0.01	<10
311489		10	3.36	4660	2	<0.01	3	210	3	0.97	<5	<1	156	<20	<0.01	<10
311490		10	2.34	5030	2	<0.01	17	150	<2	4.13	6	<1	54	<20	<0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149704

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
311471		<10	15	<10	11	4.07
311472		<10	14	<10	32	5.53
311473		<10	10	<10	22	4.23
311474		<10	9	<10	24	4.11
311475		<10	10	<10	52	4.58
311476		<10	31	<10	62	7.56
311477		<10	22	<10	26	3.38
311478		<10	9	<10	10	5.77
311479		<10	11	<10	26	4.28
311480		<10	85	<10	54	0.04
311481		<10	14	<10	41	4.08
311482		<10	15	<10	41	5.07
311483		<10	26	<10	63	5.05
311484		<10	26	<10	37	4.75
311485		<10	4	<10	31	0.25
311486		<10	10	<10	8	4.34
311487		<10	10	<10	11	4.36
311488		<10	10	<10	16	4.63
311489		<10	16	<10	23	4.19
311490		<10	11	<10	28	3.44

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149704

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149703

Projet: KAN

Bon de commande #: KAN- 036

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149703

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
311451		0.060	<0.5	0.19	<5	10	<0.5	<2	9.72	1.1	2	5	2	19.95	<10	0.04
311452		<0.005	<0.5	0.15	<5	10	<0.5	<2	9.66	1.4	3	4	<1	18.30	<10	0.04
311453		0.040	<0.5	0.07	5	20	<0.5	<2	6.27	1.0	1	4	1	17.65	<10	0.02
311454		0.086	<0.5	0.14	<5	10	<0.5	<2	6.17	1.2	1	6	2	21.4	<10	0.02
311455		0.439	<0.5	0.22	<5	20	<0.5	<2	7.47	1.3	1	4	6	18.75	<10	0.06
311456		0.151	<0.5	0.25	7	20	<0.5	<2	9.65	1.1	<1	3	4	16.00	<10	0.07
311457		1.705	<0.5	0.20	9	10	<0.5	<2	2.85	0.7	7	5	20	20.2	<10	0.05
311458		0.017	<0.5	0.14	63	<10	<0.5	<2	1.40	0.7	3	6	69	18.80	<10	0.03
311459		1.315	<0.5	0.20	<5	10	<0.5	<2	3.23	<0.5	3	20	23	9.44	<10	0.06
311460		3.43	<0.5	7.17	<5	150	3.8	2	2.80	<0.5	25	89	34	3.92	20	4.21
311461		0.125	<0.5	0.39	<5	10	<0.5	<2	6.47	1.2	1	3	32	17.05	<10	0.06
311462		0.514	<0.5	0.26	<5	10	<0.5	<2	3.66	0.8	6	8	19	12.70	<10	0.03
311463		0.454	<0.5	0.11	<5	10	<0.5	<2	8.85	1.0	2	4	3	15.40	<10	0.03
311464		0.258	<0.5	0.19	<5	10	<0.5	<2	4.06	0.5	1	18	8	9.08	<10	0.04
311465		<0.005	<0.5	0.04	<5	210	<0.5	<2	16.8	<0.5	<1	3	1	0.30	<10	0.04
311466		0.095	<0.5	0.39	<5	10	<0.5	<2	8.73	0.9	2	9	6	15.40	<10	0.10
311467		0.968	<0.5	0.15	<5	10	<0.5	<2	1.95	1.0	2	3	4	28.2	<10	0.06
311468		1.655	<0.5	0.28	<5	30	<0.5	<2	2.22	0.9	2	5	11	26.6	<10	0.08
311469		2.03	<0.5	0.32	<5	30	<0.5	<2	2.13	0.7	2	6	24	21.4	<10	0.14
311470		0.526	<0.5	0.11	<5	10	<0.5	<2	1.37	0.7	6	4	7	27.8	<10	0.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149703

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
311451		<10	4.70	6080	<1	<0.01	5	120	3	0.17	<5	<1	95	<20	0.01	<10
311452		<10	4.51	5570	<1	<0.01	1	90	4	0.09	<5	<1	123	<20	0.01	<10
311453		<10	3.40	5420	<1	<0.01	5	110	<2	0.14	<5	<1	67	<20	<0.01	<10
311454		<10	3.82	6230	<1	<0.01	5	110	<2	0.21	<5	<1	80	<20	0.01	<10
311455		<10	3.93	6220	<1	<0.01	5	140	4	0.46	<5	<1	152	<20	<0.01	<10
311456		<10	3.85	6200	<1	<0.01	2	80	5	0.31	<5	<1	219	<20	<0.01	<10
311457		10	2.29	5790	<1	<0.01	9	160	<2	1.74	<5	<1	65	<20	<0.01	<10
311458		10	2.23	6740	<1	<0.01	22	240	4	3.37	<5	<1	40	<20	<0.01	<10
311459		<10	1.22	3390	<1	<0.01	5	70	<2	0.77	<5	<1	60	<20	<0.01	<10
311460		10	2.27	575	1	3.36	98	1310	34	0.02	<5	6	339	<20	0.69	<10
311461		<10	2.94	7170	<1	0.01	9	80	7	1.15	<5	1	145	<20	<0.01	<10
311462		<10	2.11	4240	<1	<0.01	4	70	<2	0.55	<5	<1	69	<20	<0.01	<10
311463		<10	3.82	5080	<1	<0.01	1	90	4	0.16	<5	<1	139	<20	<0.01	<10
311464		<10	1.86	3050	<1	<0.01	2	40	2	0.50	<5	<1	75	<20	<0.01	<10
311465		<10	12.80	436	<1	0.05	2	60	5	0.01	<5	<1	152	<20	<0.01	<10
311466		10	3.79	5570	<1	0.01	4	170	3	0.34	<5	1	165	<20	0.01	<10
311467		10	3.86	5970	<1	<0.01	4	80	8	0.41	<5	<1	45	<20	<0.01	<10
311468		10	2.66	6570	<1	<0.01	5	90	2	0.69	<5	<1	59	<20	<0.01	<10
311469		<10	2.25	5180	<1	<0.01	7	70	7	1.32	<5	<1	66	<20	<0.01	<10
311470		10	3.32	6410	<1	<0.01	5	100	2	0.52	<5	<1	26	<20	<0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149703

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
311451		<10	15	<10	8	5.54
311452		<10	11	<10	10	4.14
311453		<10	6	<10	11	5.12
311454		<10	15	<10	12	5.06
311455		<10	12	<10	24	6.10
311456		<10	12	<10	33	5.12
311457		<10	10	<10	47	2.83
311458		<10	9	<10	60	4.83
311459		<10	11	<10	34	3.95
311460		<10	84	<10	53	0.05
311461		<10	17	<10	53	2.36
311462		<10	11	<10	59	2.32
311463		<10	8	<10	26	4.14
311464		<10	9	<10	35	3.19
311465		<10	3	<10	39	0.24
311466		<10	24	<10	47	3.62
311467		<10	13	<10	32	7.34
311468		<10	18	<10	35	2.99
311469		<10	16	<10	30	3.80
311470		<10	12	<10	16	3.61

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 10- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149703

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149701

Projet: KAN

Bon de commande #: KAN- 035

Ce rapport s'applique aux 3 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149701

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
311181		0.083	<0.5	0.08	<5	10	<0.5	<2	1.17	<0.5	7	5	1	26.5	<10	0.02
311182		0.197	<0.5	0.35	110	30	<0.5	<2	1.70	0.5	7	8	7	22.2	<10	0.11
311183		0.746	<0.5	0.32	<5	20	<0.5	<2	1.26	<0.5	6	16	32	7.70	<10	0.07

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149701

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
311181		<10	3.67	5090	<1	0.01	1	80	3	0.10	<5	<1	31	<20	<0.01	<10
311182		<10	3.09	5480	<1	0.07	2	30	2	0.43	<5	<1	64	<20	0.01	<10
311183		<10	0.78	1425	<1	0.04	3	10	2	1.53	<5	<1	56	<20	0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149701

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
311181		<10	9	<10	23	3.45
311182		<10	12	<10	31	4.25
311183		<10	10	<10	15	2.82

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 13- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149701

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15149699

Projet: KAN

Bon de commande #: KAN- 034

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
PUL- QC	Test concassage QC
CRU- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149699

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
311161		<0.005	<0.5	0.03	<5	<10	<0.5	3	1.25	0.9	2	9	1	21.8	<10	0.01
311162		<0.005	<0.5	0.05	<5	<10	<0.5	6	1.49	1.3	2	10	<1	27.8	<10	0.01
311163		<0.005	<0.5	0.05	<5	<10	0.6	3	2.02	0.9	5	8	1	13.60	<10	<0.01
311164		<0.005	<0.5	0.05	<5	<10	<0.5	3	2.89	1.1	3	10	1	19.25	<10	<0.01
311165		<0.005	<0.5	0.05	<5	<10	<0.5	6	0.78	1.0	3	6	<1	25.0	<10	0.01
311166		0.039	<0.5	0.09	<5	<10	<0.5	<2	3.25	1.1	3	10	4	15.05	<10	0.03
311167		1.795	<0.5	0.15	6	10	<0.5	<2	1.73	0.5	2	19	7	4.09	<10	0.04
311168		0.080	<0.5	0.11	<5	10	<0.5	4	2.19	1.1	3	9	2	22.5	<10	0.03
311169		0.208	<0.5	0.20	<5	10	<0.5	7	1.46	1.1	7	11	1	24.0	<10	0.05
311170		1.245	1.0	7.61	105	120	4.4	2	2.20	2.9	18	63	59	5.21	30	4.11
311171		<0.005	<0.5	0.14	5	10	<0.5	4	0.91	1.1	5	7	1	25.3	<10	0.04
311172		0.092	<0.5	0.20	5	10	<0.5	4	1.01	0.9	5	8	2	26.0	<10	0.05
311173		0.112	<0.5	0.17	<5	10	<0.5	3	1.30	1.1	3	4	6	21.5	<10	0.04
311174		1.005	<0.5	0.19	<5	20	<0.5	5	2.64	1.3	9	2	56	24.4	<10	0.07
311175		<0.005	<0.5	0.33	<5	370	<0.5	<2	16.2	<0.5	1	1	2	0.41	<10	0.22
311176		1.135	<0.5	0.22	<5	20	<0.5	3	2.00	1.2	6	1	13	28.1	<10	0.09
311177		0.496	<0.5	0.29	7	20	<0.5	<2	4.55	1.8	14	1	89	28.0	<10	0.07
311178		0.048	<0.5	0.03	30	<10	<0.5	4	1.43	1.2	1	3	1	25.4	<10	0.01
311179		0.447	<0.5	0.15	57	10	<0.5	5	1.80	1.0	4	2	6	26.1	<10	0.04
311180		0.166	<0.5	0.31	17	20	<0.5	6	6.10	2.0	20	2	159	25.7	<10	0.05

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149699

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
311161		10	2.89	4920	<1	<0.01	<1	90	2	0.11	<5	<1	20	<20	<0.01	<10
311162		10	3.63	5480	<1	<0.01	<1	100	<2	0.02	<5	<1	22	<20	<0.01	<10
311163		<10	1.96	3760	<1	<0.01	3	30	<2	0.05	<5	<1	23	<20	<0.01	<10
311164		<10	2.77	5860	<1	<0.01	1	90	<2	0.03	<5	<1	36	<20	<0.01	<10
311165		10	2.46	7000	<1	<0.01	<1	110	<2	0.01	<5	<1	13	<20	<0.01	<10
311166		10	2.03	4570	<1	<0.01	2	240	<2	0.07	<5	<1	69	<20	0.01	<10
311167		<10	0.27	2120	<1	0.01	1	440	<2	0.13	<5	<1	43	<20	<0.01	<10
311168		10	3.15	5130	<1	<0.01	<1	50	<2	0.12	<5	<1	55	<20	0.01	<10
311169		10	2.90	8200	<1	<0.01	2	320	5	0.18	<5	1	37	<20	0.03	<10
311170		10	1.73	455	1	3.53	72	960	161	2.84	<5	5	255	<20	0.51	<10
311171		<10	2.95	7040	<1	<0.01	2	230	2	0.07	<5	<1	20	<20	0.02	<10
311172		<10	2.94	6480	<1	<0.01	<1	240	<2	0.11	<5	<1	25	<20	0.02	<10
311173		<10	3.05	5760	<1	<0.01	<1	30	4	0.37	<5	<1	41	<20	<0.01	10
311174		10	2.34	6480	<1	<0.01	2	20	7	2.78	<5	<1	103	<20	<0.01	<10
311175		<10	12.45	422	<1	0.08	<1	40	6	0.01	<5	1	165	<20	0.02	10
311176		10	3.94	8250	<1	<0.01	<1	30	<2	0.71	<5	<1	70	<20	<0.01	<10
311177		10	2.52	6720	<1	<0.01	3	80	5	5.40	<5	<1	175	<20	<0.01	<10
311178		10	3.51	5630	<1	<0.01	<1	20	<2	0.08	<5	<1	27	<20	<0.01	<10
311179		10	3.66	6430	<1	<0.01	<1	20	<2	0.43	<5	<1	55	<20	<0.01	<10
311180		10	1.71	4650	<1	0.01	6	50	9	>10.0	<5	1	230	<20	0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149699

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
311161		<10	10	<10	10	4.80
311162		<10	16	<10	6	4.64
311163		<10	12	<10	4	3.87
311164		<10	14	<10	5	4.51
311165		<10	11	<10	7	2.22
311166		<10	10	<10	18	2.18
311167		<10	6	<10	8	1.82
311168		<10	12	<10	15	4.39
311169		<10	16	<10	16	4.75
311170		<10	63	<10	231	0.05
311171		<10	14	<10	14	3.95
311172		<10	15	<10	12	2.97
311173		<10	10	<10	31	2.84
311174		<10	12	<10	36	2.70
311175		<10	11	<10	29	0.24
311176		<10	13	<10	41	5.62
311177		<10	13	<10	33	2.58
311178		<10	7	<10	12	6.34
311179		<10	9	<10	30	6.76
311180		<10	10	<10	25	4.46

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15149699

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148874

Projet: KAN

Bon de commande #: KAN- 033

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % <75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148874

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
310891		5.67	0.011	<0.5	0.74	5	10	0.6	<2	0.97	0.5	4	20	<1	27.2	<10
310892		4.31	<0.005	<0.5	0.10	6	<10	0.7	<2	1.70	1.1	4	6	4	22.1	<10
310893		4.60	<0.005	<0.5	0.13	7	<10	0.5	<2	1.23	0.9	5	4	1	25.3	<10
310894		5.07	0.009	<0.5	0.48	6	<10	0.5	<2	0.85	0.9	8	16	1	23.2	<10
310895		5.38	<0.005	<0.5	0.15	5	<10	0.5	<2	1.74	1.0	5	8	1	24.7	<10
310896		3.51	<0.005	<0.5	0.06	<5	<10	<0.5	<2	1.04	0.7	4	4	1	21.2	<10
310897		4.28	0.105	<0.5	0.17	7	10	0.6	<2	1.67	0.8	5	11	<1	25.4	<10
310898		6.15	<0.005	<0.5	0.22	<5	20	<0.5	<2	1.95	1.2	7	13	1	26.5	<10
310899		3.26	0.075	<0.5	0.19	<5	10	<0.5	<2	2.68	1.3	3	10	3	21.5	<10
310900		0.05	1.265	1.1	7.87	116	120	4.5	2	2.28	2.5	19	64	60	5.20	20
311151		5.98	0.087	<0.5	0.26	<5	10	<0.5	<2	11.30	1.1	1	7	<1	12.50	<10
311152		6.05	<0.005	<0.5	0.27	<5	10	<0.5	<2	13.8	1.2	3	9	1	15.60	<10
311153		6.79	2.06	<0.5	0.15	5	10	<0.5	<2	6.00	1.4	3	7	3	16.80	<10
311154		4.76	0.612	<0.5	0.10	<5	10	<0.5	<2	6.91	1.0	5	9	2	15.55	<10
311155		0.24	<0.005	<0.5	0.04	<5	250	<0.5	<2	17.0	0.5	1	1	<1	0.32	<10
311156		3.90	2.36	<0.5	0.24	9	10	<0.5	<2	5.64	1.3	5	7	8	17.25	<10
311157		4.70	0.522	<0.5	0.12	5	10	<0.5	<2	5.55	1.0	3	9	<1	14.75	<10
311158		3.21	0.013	<0.5	0.03	<5	<10	<0.5	<2	2.34	0.7	2	12	1	10.45	<10
311159		3.07	0.185	<0.5	0.05	<5	<10	<0.5	<2	1.23	0.7	6	10	3	21.6	<10
311160		4.54	0.260	<0.5	0.12	<5	10	<0.5	<2	2.21	1.4	5	4	5	24.5	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148874

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
310891		0.01	10	2.18	9450	<1	<0.01	4	430	5	0.08	<5	1	14	<20	0.05
310892		<0.01	10	2.79	7970	<1	<0.01	4	300	6	0.04	5	<1	22	<20	0.01
310893		<0.01	<10	3.12	8780	<1	<0.01	1	270	2	0.08	<5	<1	14	<20	0.01
310894		0.01	10	2.49	8820	<1	<0.01	4	290	5	0.05	<5	1	12	<20	0.04
310895		0.01	10	3.08	8850	<1	<0.01	2	370	3	0.03	8	<1	23	<20	0.01
310896		0.01	<10	1.98	7160	<1	<0.01	1	210	<2	0.03	5	<1	11	<20	<0.01
310897		0.03	10	2.74	9870	<1	<0.01	2	670	4	0.03	<5	<1	28	<20	0.02
310898		0.07	10	2.98	10350	<1	<0.01	2	510	4	0.03	<5	1	31	<20	0.03
310899		0.05	10	2.49	7100	<1	<0.01	<1	260	3	0.10	6	<1	50	<20	0.02
310900		4.04	10	1.68	455	<1	3.47	69	970	143	2.75	6	5	253	<20	0.49
311151		0.06	10	3.75	6100	<1	0.02	<1	200	6	0.06	<5	1	189	<20	0.02
311152		0.03	10	4.98	6880	<1	0.01	<1	120	6	0.04	<5	1	174	<20	0.02
311153		0.04	10	3.04	7380	<1	<0.01	1	250	3	0.20	<5	<1	97	<20	0.01
311154		0.02	10	3.29	6470	<1	<0.01	<1	160	3	0.15	<5	<1	104	<20	0.01
311155		0.03	<10	12.05	448	<1	0.05	<1	70	8	0.01	<5	<1	149	<20	<0.01
311156		0.06	<10	2.37	7080	<1	<0.01	1	90	6	0.26	<5	<1	113	<20	0.01
311157		0.04	10	2.55	6490	<1	<0.01	<1	240	4	0.04	<5	<1	104	<20	0.01
311158		0.01	<10	1.52	3460	<1	<0.01	<1	80	<2	0.03	<5	<1	30	<20	<0.01
311159		0.02	<10	2.24	5310	<1	<0.01	<1	100	<2	0.08	5	<1	25	<20	<0.01
311160		0.03	10	3.37	5640	<1	<0.01	<1	60	3	0.34	6	<1	46	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148874

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
310891		<10	<10	52	<10	12
310892		<10	<10	12	<10	8
310893		<10	<10	12	<10	8
310894		<10	<10	32	<10	9
310895		<10	<10	14	<10	8
310896		<10	<10	8	<10	6
310897		<10	<10	14	<10	10
310898		<10	<10	18	<10	11
310899		<10	<10	15	<10	19
310900		<10	<10	63	<10	221
311151		<10	<10	15	<10	17
311152		<10	<10	21	<10	17
311153		<10	<10	13	<10	21
311154		<10	<10	9	<10	14
311155		<10	<10	3	40	69
311156		<10	<10	14	<10	18
311157		<10	<10	11	<10	13
311158		<10	<10	5	<10	9
311159		<10	<10	12	<10	23
311160		<10	<10	14	<10	18

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148874

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148872

Projet: KAN

Bon de commande #: KAN- 032

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148872

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
310871		4.60	5.58	<0.5	0.26	<5	20	<0.5	<2	1.51	0.7	4	13	10	11.45	<10
310872		5.25	0.228	<0.5	0.21	<5	10	<0.5	2	10.25	1.3	3	8	3	16.75	<10
310873		4.97	0.006	<0.5	0.22	<5	30	<0.5	<2	10.15	0.9	3	7	1	15.85	<10
310874		4.73	0.079	<0.5	0.25	<5	10	<0.5	<2	9.46	1.2	1	10	1	13.25	<10
310875		3.67	<0.005	<0.5	0.14	<5	10	<0.5	<2	9.68	1.0	2	7	<1	13.80	<10
310876		4.54	0.369	<0.5	0.09	<5	10	<0.5	<2	2.97	1.2	6	5	5	22.6	<10
310877		5.50	0.159	<0.5	0.09	<5	10	<0.5	<2	2.66	1.0	3	8	5	21.3	<10
310878		4.08	<0.005	<0.5	0.24	<5	<10	<0.5	<2	6.97	1.2	3	9	<1	17.85	<10
310879		4.24	<0.005	<0.5	0.18	<5	<10	<0.5	<2	1.62	0.6	4	11	<1	16.45	<10
310880		0.04	1.235	1.0	7.84	104	120	4.5	2	2.25	2.7	18	66	63	5.19	30
310881		4.25	<0.005	<0.5	0.07	<5	<10	<0.5	<2	0.84	0.6	4	4	<1	25.6	<10
310882		3.86	<0.005	<0.5	0.23	<5	<10	0.7	<2	0.64	0.5	6	7	<1	32.1	<10
310883		2.84	<0.005	<0.5	0.25	<5	<10	0.6	<2	0.62	0.5	8	6	2	25.3	<10
310884		3.69	<0.005	<0.5	0.17	26	<10	0.7	<2	1.07	<0.5	4	6	<1	22.2	<10
310885		0.24	<0.005	<0.5	0.03	<5	50	<0.5	<2	19.8	<0.5	<1	<1	<1	0.21	<10
310886		5.47	<0.005	<0.5	0.16	13	<10	0.8	<2	1.66	<0.5	7	8	1	19.65	<10
310887		3.71	<0.005	<0.5	0.23	8	<10	0.7	<2	1.61	0.5	6	7	<1	22.4	<10
310888		4.66	<0.005	<0.5	0.16	6	<10	0.6	<2	2.21	0.9	5	8	<1	21.0	<10
310889		4.16	<0.005	<0.5	0.10	<5	<10	<0.5	<2	5.75	1.0	4	4	<1	19.40	<10
310890		3.96	<0.005	<0.5	0.27	6	<10	0.5	<2	3.70	0.7	6	6	2	21.1	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148872

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
310871		0.05	<10	1.54	3570	<1	0.01	<1	30	<2	0.81	<5	<1	49	<20	<0.01
310872		0.03	10	3.80	5150	<1	0.01	1	100	3	0.39	<5	1	112	<20	0.01
310873		0.04	10	4.10	5040	<1	<0.01	<1	120	5	0.13	<5	<1	110	<20	0.01
310874		0.02	10	3.06	4370	<1	<0.01	1	80	4	0.19	<5	1	93	<20	0.02
310875		0.02	10	3.68	4430	<1	<0.01	<1	170	3	0.08	<5	<1	93	<20	0.01
310876		0.02	10	2.86	5330	<1	<0.01	2	240	2	0.72	<5	<1	46	<20	<0.01
310877		0.02	<10	2.91	5040	<1	<0.01	2	130	<2	0.56	<5	<1	39	<20	<0.01
310878		<0.01	10	3.26	9470	<1	<0.01	2	440	3	0.01	<5	1	83	<20	0.02
310879		<0.01	<10	1.61	5250	<1	<0.01	<1	90	<2	0.06	<5	<1	22	<20	0.01
310880		4.07	10	1.73	455	<1	3.49	70	990	156	2.82	<5	5	260	<20	0.51
310881		0.01	<10	2.37	8170	<1	<0.01	<1	130	2	0.02	<5	<1	14	<20	0.01
310882		0.01	10	1.15	14450	<1	<0.01	2	520	2	0.01	<5	1	13	<20	0.03
310883		<0.01	10	1.09	11300	<1	<0.01	3	360	6	0.03	<5	1	12	<20	0.02
310884		<0.01	10	1.56	10600	<1	<0.01	3	420	3	0.05	<5	<1	12	<20	0.02
310885		0.02	<10	12.75	427	<1	0.02	<1	20	2	<0.01	<5	<1	189	<20	<0.01
310886		<0.01	10	2.02	9390	<1	<0.01	1	440	4	0.09	<5	<1	17	<20	0.01
310887		0.01	10	1.83	9730	<1	<0.01	1	560	3	0.04	<5	1	18	<20	0.02
310888		0.01	10	1.99	7850	<1	<0.01	2	400	5	0.05	<5	<1	17	<20	0.01
310889		0.01	10	3.67	5920	<1	<0.01	<1	200	5	0.01	<5	<1	35	<20	0.01
310890		<0.01	10	2.79	6920	<1	<0.01	2	170	4	0.04	<5	<1	28	<20	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148872

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
310871		<10	<10	10	<10	22
310872		<10	<10	20	<10	10
310873		10	<10	21	<10	9
310874		<10	<10	23	<10	9
310875		<10	<10	13	<10	9
310876		10	<10	11	<10	12
310877		<10	<10	11	<10	15
310878		<10	<10	21	<10	7
310879		<10	<10	20	<10	8
310880		<10	<10	65	<10	234
310881		<10	<10	13	<10	8
310882		<10	<10	18	<10	12
310883		<10	<10	17	<10	9
310884		<10	<10	14	<10	7
310885		10	<10	2	<10	18
310886		<10	<10	13	<10	6
310887		<10	<10	16	<10	6
310888		<10	<10	13	<10	7
310889		<10	<10	11	<10	6
310890		<10	<10	22	<10	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148872

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148869

Projet: KAN

Bon de commande #: KAN- 031

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148869

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
310851		5.53	0.067		<0.5	0.06	339	10	<0.5	2	1.07	<0.5	44	4	3	28.0
310852		2.87	2.58		0.9	0.33	5	60	<0.5	2	3.30	1.3	6	6	10	24.0
310853		3.78	>10.0	13.90	<0.5	0.57	6	70	<0.5	4	2.40	1.1	8	3	30	26.6
310854		4.11	>10.0	14.70	<0.5	0.09	8	10	<0.5	3	1.08	0.5	5	8	5	25.3
310855		4.42	4.51		<0.5	0.53	48	20	<0.5	4	1.92	0.7	13	4	63	30.0
310856		4.78	>10.0	16.10	1.1	0.40	<5	30	<0.5	<2	2.81	0.7	11	7	43	23.3
310857		3.38	0.731		<0.5	0.31	37	20	<0.5	3	1.47	0.6	6	7	8	25.8
310858		4.37	4.14		<0.5	0.22	539	20	<0.5	6	1.01	<0.5	13	10	22	26.8
310859		4.74	0.483		<0.5	0.09	<5	10	<0.5	2	2.57	0.5	3	10	1	16.15
310860		0.04	1.330		1.2	7.95	98	120	4.8	3	2.29	2.6	20	68	62	5.28
310861		3.81	0.014		<0.5	0.17	8	10	<0.5	3	4.54	0.6	5	14	2	14.80
310862		4.78	0.033		<0.5	0.44	17	10	0.6	3	3.15	<0.5	8	15	2	23.3
310863		4.39	0.163		<0.5	0.12	11	10	0.7	2	2.38	0.6	3	12	2	19.85
310864		4.85	0.459		<0.5	0.11	5	10	<0.5	3	1.45	0.7	4	8	3	26.9
310865		0.19	<0.005		<0.5	0.03	5	1380	<0.5	<2	17.5	<0.5	<1	1	1	0.41
310866		5.14	0.539		<0.5	0.25	<5	10	<0.5	4	2.14	0.7	5	4	7	32.3
310867		5.75	7.75		0.5	0.29	7	10	<0.5	<2	1.39	0.6	9	16	29	16.05
310868		6.12	9.84		<0.5	0.31	5	20	<0.5	<2	1.46	0.5	8	15	29	15.60
310869		4.98	>10.0	19.65	1.3	0.56	5	20	<0.5	3	1.74	0.5	9	12	45	19.05
310870		3.46	5.41		<0.5	0.33	<5	20	<0.5	3	1.31	0.7	5	8	28	21.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148869

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
310851		<10	0.02	10	2.75	5960	2	<0.01	5	200	5	0.27	<5	<1	21	<20
310852		<10	0.11	10	2.73	6710	<1	<0.01	3	140	5	0.76	<5	1	123	<20
310853		<10	0.13	10	3.06	6040	<1	<0.01	5	310	2	2.31	<5	<1	88	<20
310854		<10	0.03	10	2.54	6220	<1	<0.01	1	150	<2	0.41	<5	<1	31	<20
310855		<10	0.14	10	3.05	6310	<1	0.01	13	200	6	4.89	<5	<1	66	<20
310856		<10	0.10	10	2.49	6150	<1	<0.01	8	110	7	3.56	<5	<1	91	<20
310857		<10	0.14	10	3.20	6950	<1	<0.01	2	190	<2	0.71	<5	<1	39	<20
310858		<10	0.07	<10	3.04	8760	<1	<0.01	8	310	4	1.84	<5	<1	26	<20
310859		<10	0.01	10	2.69	4730	<1	<0.01	2	60	<2	0.09	<5	<1	54	<20
310860		30	4.30	10	1.79	465	1	3.63	75	1020	149	2.77	<5	5	267	<20
310861		<10	0.03	<10	2.78	5800	<1	<0.01	3	120	4	0.10	<5	<1	65	<20
310862		<10	0.04	10	2.84	11100	<1	<0.01	7	710	2	0.10	<5	1	55	<20
310863		<10	0.03	10	2.77	7900	<1	<0.01	4	250	3	0.14	<5	<1	53	<20
310864		<10	0.02	<10	2.69	9450	<1	<0.01	3	230	4	0.23	<5	<1	30	<20
310865		<10	0.02	<10	13.10	504	<1	0.02	<1	60	7	0.04	<5	<1	195	<20
310866		<10	0.06	10	4.19	11000	<1	<0.01	4	220	4	0.52	<5	<1	47	<20
310867		<10	0.08	<10	1.69	3130	<1	0.01	8	60	<2	2.60	<5	<1	45	<20
310868		<10	0.07	<10	1.78	3430	<1	<0.01	9	60	<2	2.35	<5	<1	48	<20
310869		<10	0.09	<10	2.19	4480	<1	<0.01	7	60	3	2.59	<5	1	67	<20
310870		<10	0.07	10	2.50	4940	<1	<0.01	7	110	2	1.76	<5	<1	42	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148869

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
310851		<0.01	<10	<10	9	<10	15
310852		<0.01	<10	<10	16	<10	31
310853		<0.01	<10	<10	22	<10	40
310854		<0.01	<10	<10	9	<10	29
310855		<0.01	<10	<10	27	<10	48
310856		<0.01	<10	<10	17	<10	33
310857		0.01	<10	<10	23	<10	33
310858		0.02	<10	<10	14	<10	33
310859		<0.01	<10	<10	7	<10	14
310860		0.51	<10	<10	65	<10	240
310861		0.01	<10	<10	12	<10	9
310862		0.04	<10	<10	32	<10	10
310863		0.01	<10	<10	13	<10	6
310864		0.01	<10	<10	11	<10	11
310865		<0.01	<10	<10	3	<10	50
310866		0.01	<10	<10	21	<10	48
310867		<0.01	<10	<10	14	<10	25
310868		<0.01	<10	<10	16	<10	27
310869		<0.01	<10	<10	20	<10	33
310870		<0.01	<10	<10	16	<10	32

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148869

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148861

Projet: KAN

Bon de commande #: KAN- 030

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % <75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148861

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
311331		3.22	0.005	<0.5	0.20	14	10	<0.5	<2	0.90	0.5	6	15	4	15.50	<10
311332		1.68	0.010	<0.5	0.03	<5	<10	<0.5	<2	1.20	0.8	3	10	1	16.05	<10
311333		5.31	0.006	<0.5	0.21	<5	10	0.7	<2	6.04	0.7	4	9	<1	17.75	<10
311334		2.10	0.008	<0.5	0.10	<5	10	<0.5	<2	6.54	1.0	5	3	15	17.30	<10
311335		5.13	<0.005	<0.5	0.27	<5	<10	0.6	<2	1.69	1.2	9	13	4	24.1	<10
311336		4.15	<0.005	<0.5	0.33	<5	<10	0.5	<2	1.40	1.2	7	10	3	29.6	<10
311337		1.51	<0.005	<0.5	0.26	<5	<10	0.6	<2	0.35	0.8	7	10	3	27.2	<10
311338		3.79	<0.005	<0.5	0.19	<5	<10	0.5	<2	2.69	1.0	7	7	2	20.8	<10
311339		4.47	0.005	<0.5	0.20	<5	<10	0.5	<2	3.04	0.9	5	7	1	21.9	<10
311340		0.05	3.40	<0.5	7.95	<5	170	3.9	4	2.93	<0.5	27	89	38	4.06	30
311341		4.57	0.007	<0.5	0.27	24	<10	0.8	<2	2.20	0.9	9	7	2	23.1	<10
311342		1.93	0.008	<0.5	0.19	7	<10	0.7	<2	1.17	1.0	6	6	2	22.1	<10
311343		5.88	0.008	<0.5	0.09	<5	<10	0.5	<2	1.97	0.9	3	4	<1	20.6	<10
311344		5.12	0.009	<0.5	0.11	5	<10	0.9	<2	1.26	0.7	8	4	<1	27.3	<10
311345		0.26	<0.005	<0.5	0.04	<5	90	<0.5	<2	17.8	<0.5	<1	1	<1	0.31	<10
311346		4.36	0.010	<0.5	0.09	14	<10	0.8	<2	1.04	0.8	8	2	<1	29.8	<10
311347		5.06	0.005	<0.5	0.18	<5	<10	<0.5	<2	1.69	<0.5	5	4	1	24.8	<10
311348		5.67	0.010	<0.5	0.19	14	<10	<0.5	<2	2.12	0.6	4	6	<1	23.4	<10
311349		3.93	0.009	<0.5	0.12	16	<10	<0.5	<2	1.39	0.8	5	7	2	17.15	<10
311350		4.96	<0.005	<0.5	1.25	8	<10	<0.5	<2	1.43	<0.5	10	4	1	33.5	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148861

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
311331		0.08	<10	1.85	7230	<1	<0.01	6	260	3	0.05	6	1	18	<20	0.02
311332		0.01	<10	1.56	3870	<1	<0.01	1	70	4	0.04	<5	<1	23	<20	<0.01
311333		0.06	10	3.45	8820	<1	<0.01	<1	110	4	0.02	<5	1	82	<20	0.02
311334		0.05	<10	2.45	7610	<1	<0.01	1	50	4	0.05	<5	1	134	<20	0.01
311335		<0.01	10	2.72	11150	<1	<0.01	4	740	3	0.33	<5	1	22	<20	0.03
311336		<0.01	10	3.08	13050	<1	<0.01	3	650	4	0.14	7	1	22	<20	0.03
311337		<0.01	10	0.75	12850	<1	<0.01	2	530	4	0.05	<5	1	7	<20	0.03
311338		<0.01	10	2.06	8960	<1	<0.01	<1	320	4	0.06	<5	1	22	<20	0.02
311339		<0.01	10	2.54	9310	<1	<0.01	<1	400	<2	0.02	<5	1	23	<20	0.02
311340		4.28	10	2.36	599	1	3.37	96	1380	39	0.02	<5	6	359	<20	0.71
311341		<0.01	10	2.34	10400	<1	<0.01	2	490	5	0.03	<5	1	16	<20	0.03
311342		<0.01	10	1.60	9470	<1	<0.01	2	380	2	0.02	5	1	10	<20	0.02
311343		0.01	<10	2.84	6530	<1	<0.01	<1	150	2	0.01	<5	<1	14	<20	0.01
311344		<0.01	10	3.13	8020	<1	<0.01	2	720	6	0.04	5	<1	11	<20	0.01
311345		0.03	<10	12.95	460	<1	0.06	<1	40	3	<0.01	<5	<1	125	<20	<0.01
311346		0.01	10	2.75	8220	<1	<0.01	<1	410	5	0.07	9	<1	9	<20	<0.01
311347		<0.01	10	3.24	8040	<1	<0.01	1	120	3	0.07	8	<1	14	<20	0.01
311348		<0.01	10	2.94	7820	<1	<0.01	<1	260	2	0.03	5	<1	18	<20	0.01
311349		0.01	<10	1.47	5530	<1	<0.01	<1	140	<2	0.17	<5	<1	11	<20	0.01
311350		<0.01	30	3.00	8440	1	<0.01	<1	500	4	0.14	10	<1	16	<20	0.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148861

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
311331		<10	<10	16	<10	7
311332		<10	<10	4	<10	10
311333		<10	<10	18	<10	7
311334		<10	<10	8	<10	8
311335		<10	<10	19	<10	14
311336		<10	<10	22	<10	16
311337		<10	<10	19	<10	14
311338		<10	<10	13	<10	8
311339		<10	<10	13	<10	8
311340		<10	<10	90	<10	54
311341		<10	<10	17	<10	9
311342		<10	<10	15	<10	8
311343		<10	<10	11	<10	6
311344		<10	<10	14	<10	7
311345		<10	<10	3	<10	23
311346		<10	<10	12	<10	9
311347		<10	<10	22	<10	6
311348		<10	<10	23	<10	7
311349		<10	<10	9	<10	13
311350		<10	<10	23	<10	48

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148861

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 16- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148858

Projet: KAN

Bon de commande #: KAN- 028

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
LOG- 23	Entrée pulpe - Reçu avec code barre
WEI- 21	Poids échantillon reçu
PUL- QC	Test concassage QC
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148858

Description échantillon	Méthode élément unités L.D.	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01
310731		2.63	<0.5	0.04	<5	10	<0.5	3	0.17	<0.5	<1	10	1	9.79	<10	0.01
310732		0.117	<0.5	0.05	<5	<10	<0.5	2	0.18	<0.5	1	7	2	8.91	<10	0.01
310733		0.482	<0.5	0.14	<5	20	<0.5	3	3.80	0.6	1	9	10	19.20	<10	0.05
310734		2.54	<0.5	0.19	6	20	<0.5	<2	9.68	0.8	2	8	5	16.25	<10	0.05
310735		0.184	<0.5	0.19	<5	10	<0.5	<2	9.23	0.6	2	8	1	14.00	<10	0.05
310736		0.337	<0.5	0.16	13	10	<0.5	2	6.40	0.6	3	7	3	16.55	<10	0.05
310737		0.012	<0.5	0.08	5	10	<0.5	2	8.45	0.5	4	9	<1	16.05	<10	0.01
310738		0.175	<0.5	0.05	<5	<10	<0.5	2	10.85	0.5	2	7	<1	13.90	<10	0.01
310739		0.029	<0.5	0.06	5	10	<0.5	<2	4.73	0.6	3	8	1	15.80	<10	0.02
310740		3.23	<0.5	7.75	<5	150	3.8	<2	2.79	<0.5	24	84	35	3.89	30	4.14
310741		0.600	<0.5	0.14	<5	10	<0.5	<2	7.38	<0.5	3	11	1	13.50	<10	0.02
310742		<0.005	<0.5	0.10	7	10	<0.5	2	8.24	0.5	2	11	<1	15.65	<10	0.02
310743		0.063	<0.5	0.25	<5	20	<0.5	3	8.70	0.6	2	9	4	17.90	<10	0.07
310744		0.112	<0.5	0.10	<5	10	<0.5	<2	8.05	<0.5	2	7	<1	15.00	<10	0.03
310745		<0.005	<0.5	0.26	5	210	<0.5	3	16.8	<0.5	1	8	2	0.46	<10	0.03
310746		0.030	<0.5	0.10	<5	10	<0.5	5	7.11	<0.5	2	8	<1	15.95	<10	0.02
310747		0.020	<0.5	0.15	<5	10	<0.5	<2	7.27	0.5	3	10	<1	18.80	<10	0.03
310748		0.007	<0.5	0.07	<5	<10	<0.5	<2	5.85	<0.5	<1	10	<1	11.95	<10	0.01
310749		<0.005	<0.5	0.14	5	10	<0.5	<2	9.29	0.7	<1	8	<1	17.25	<10	0.04
310750		<0.005	<0.5	0.12	<5	10	<0.5	<2	9.80	0.5	<1	13	<1	17.70	<10	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148858

Description échantillon	Méthode élément unités L.D.	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
310731		<10	0.98	2650	<1	<0.01	1	90	<2	0.02	<5	<1	3	<20	<0.01	<10
310732		<10	0.99	2540	<1	<0.01	<1	100	<2	0.10	<5	<1	3	<20	<0.01	<10
310733		<10	3.29	5370	<1	<0.01	<1	140	<2	0.40	<5	<1	66	<20	<0.01	<10
310734		10	3.37	5180	<1	<0.01	1	80	5	0.22	<5	<1	154	<20	0.01	<10
310735		<10	4.37	4280	<1	<0.01	<1	90	3	0.14	<5	<1	162	<20	0.01	<10
310736		<10	2.70	5610	<1	<0.01	2	220	5	0.18	<5	<1	104	<20	0.01	<10
310737		<10	4.06	5430	<1	<0.01	<1	240	4	0.05	<5	<1	87	<20	0.01	<10
310738		10	4.17	4820	<1	<0.01	<1	520	5	0.03	<5	<1	100	<20	0.01	<10
310739		<10	3.01	5080	<1	<0.01	<1	130	3	0.06	<5	<1	49	<20	<0.01	<10
310740		10	2.26	561	1	3.22	91	1270	37	0.02	<5	6	346	<20	0.68	<10
310741		<10	3.27	4320	<1	<0.01	1	70	2	0.22	<5	<1	103	<20	0.01	<10
310742		10	3.96	4820	<1	<0.01	<1	150	6	0.08	<5	<1	85	<20	<0.01	<10
310743		<10	4.35	5930	<1	<0.01	1	90	4	0.33	<5	<1	153	<20	0.01	<10
310744		<10	3.77	4560	<1	<0.01	<1	90	2	0.06	<5	<1	118	<20	<0.01	<10
310745		<10	11.65	546	<1	0.12	<1	50	4	0.01	<5	1	147	<20	0.03	<10
310746		<10	3.36	4780	<1	<0.01	<1	140	3	0.05	<5	<1	91	<20	<0.01	<10
310747		<10	2.84	5700	<1	<0.01	1	70	4	0.11	<5	<1	74	<20	0.01	<10
310748		<10	2.75	3510	<1	<0.01	<1	40	<2	0.05	<5	<1	74	<20	<0.01	<10
310749		<10	4.26	5180	<1	<0.01	1	60	4	0.05	<5	<1	133	<20	<0.01	<10
310750		<10	4.32	5410	<1	<0.01	1	90	2	0.06	<5	<1	85	<20	0.01	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148858

Description échantillon	Méthode élément unités L.D.	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	WEI- 21 Poids reçu kg 0.02
310731		<10	6	<10	6	4.00
310732		<10	6	<10	9	1.81
310733		<10	9	<10	25	1.63
310734		<10	14	<10	16	2.39
310735		<10	13	<10	17	5.72
310736		<10	12	<10	15	4.98
310737		<10	6	<10	11	3.39
310738		<10	4	<10	8	4.52
310739		<10	6	<10	8	4.67
310740		<10	83	<10	51	0.05
310741		<10	11	<10	10	4.15
310742		<10	10	<10	7	3.92
310743		<10	18	<10	17	4.28
310744		<10	10	<10	8	4.69
310745		<10	7	<10	125	0.23
310746		<10	9	<10	9	4.12
310747		<10	14	<10	9	3.34
310748		<10	7	<10	6	5.29
310749		<10	11	<10	11	4.64
310750		<10	11	<10	8	4.47

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Page: Annexe 1
Total # les pages d'annexe: 1
Finalisée date: 16- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148858

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	LOG- 21	LOG- 23
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148856

Projet: KAN

Bon de commande #: KAN- 024

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148856

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
310711		1.58	0.390	<0.5	0.25	<5	20	<0.5	<2	10.10	1.6	1	5	10	14.40	<10
310712		4.52	0.022	<0.5	0.20	<5	10	<0.5	<2	10.30	1.4	2	4	3	15.70	<10
310713		5.73	0.040	<0.5	0.21	<5	10	<0.5	<2	9.85	1.5	1	4	4	16.60	<10
310714		5.35	0.021	<0.5	0.21	<5	20	<0.5	<2	6.08	1.1	3	8	4	14.90	<10
310715		5.58	3.46	<0.5	0.29	<5	30	<0.5	<2	8.51	1.5	<1	6	3	16.20	<10
310716		6.89	0.329	<0.5	0.20	<5	20	<0.5	<2	8.58	1.2	2	13	1	15.85	<10
310717		3.97	0.180	<0.5	0.30	<5	20	<0.5	<2	9.24	1.5	2	5	3	16.75	<10
310718		4.62	0.061	<0.5	0.34	<5	30	0.5	<2	11.40	1.6	2	6	3	18.40	<10
310719		2.75	0.542	<0.5	0.13	<5	10	<0.5	<2	5.84	1.3	1	4	6	15.50	<10
310720		0.05	3.00	<0.5	8.63	<5	160	4.3	<2	3.01	<0.5	26	89	36	4.19	30
310721		1.47	0.008	<0.5	0.10	<5	10	<0.5	<2	0.56	<0.5	<1	11	1	11.45	<10
310722		6.47	0.067	<0.5	0.08	<5	10	<0.5	<2	1.19	0.5	2	9	6	11.55	<10
310723		5.22	0.065	<0.5	0.05	<5	10	<0.5	<2	1.27	1.0	<1	8	1	20.2	<10
310724		5.98	0.013	<0.5	0.15	<5	10	<0.5	<2	8.66	1.4	1	10	1	18.45	<10
310725		0.25	<0.005	<0.5	0.19	7	100	<0.5	<2	17.4	<0.5	<1	2	<1	0.26	<10
310726		5.89	0.018	<0.5	0.09	<5	10	<0.5	<2	9.45	1.3	1	4	1	14.80	<10
310727		4.51	0.082	<0.5	0.24	6	20	<0.5	<2	9.60	1.5	3	6	10	17.45	<10
310728		4.69	0.021	<0.5	0.18	<5	10	<0.5	<2	7.88	1.7	2	5	2	19.85	<10
310729		4.41	0.429	<0.5	0.15	<5	10	<0.5	<2	5.40	1.0	1	12	4	11.95	<10
310730		5.50	0.608	<0.5	0.24	<5	20	<0.5	<2	8.33	1.5	2	7	4	17.00	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148856

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
310711		0.05	<10	4.31	4610	<1	0.01	3	180	3	0.58	<5	<1	163	<20	0.01
310712		0.04	10	4.98	4640	<1	<0.01	1	120	5	0.21	<5	<1	167	<20	<0.01
310713		0.05	10	5.14	4710	<1	<0.01	1	390	9	0.27	<5	<1	172	<20	<0.01
310714		0.05	<10	3.75	3980	<1	<0.01	1	100	3	0.29	<5	<1	108	<20	0.01
310715		0.12	<10	4.43	4560	<1	<0.01	2	110	4	0.19	<5	<1	156	<20	0.01
310716		0.06	10	4.54	4400	<1	<0.01	1	90	3	0.15	<5	<1	142	<20	0.01
310717		0.08	<10	4.39	4610	<1	<0.01	2	60	2	0.16	<5	<1	160	<20	0.01
310718		0.10	10	4.53	5220	<1	0.02	5	90	3	0.16	<5	<1	168	<20	0.01
310719		0.03	<10	2.52	4280	<1	0.01	2	130	2	0.33	<5	<1	108	<20	<0.01
310720		4.40	10	2.42	609	<1	3.48	99	1370	39	0.02	<5	7	390	<20	0.71
310721		0.03	<10	1.53	3410	<1	<0.01	2	60	<2	0.06	<5	<1	9	<20	<0.01
310722		0.03	<10	1.35	3330	<1	<0.01	3	90	<2	0.37	<5	<1	18	<20	0.01
310723		0.02	<10	2.46	5710	<1	<0.01	3	240	<2	0.07	<5	<1	19	<20	<0.01
310724		0.03	10	4.69	5370	<1	<0.01	2	120	4	0.09	<5	<1	139	<20	0.01
310725		0.10	<10	13.45	435	17	0.11	<1	40	3	<0.01	<5	<1	139	<20	0.01
310726		0.03	<10	3.91	5140	<1	<0.01	<1	90	<2	0.05	<5	<1	153	<20	<0.01
310727		0.10	<10	4.29	5490	<1	<0.01	1	160	5	0.44	<5	<1	164	<20	0.01
310728		0.04	10	3.76	6260	<1	<0.01	2	200	<2	0.09	<5	<1	135	<20	0.01
310729		0.04	<10	2.85	3450	<1	<0.01	<1	110	<2	0.25	<5	<1	102	<20	<0.01
310730		0.06	10	4.67	4750	<1	<0.01	1	100	3	0.23	<5	<1	156	<20	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148856

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
310711		<10	<10	15	<10	18
310712		<10	<10	14	<10	17
310713		<10	<10	14	<10	18
310714		<10	<10	14	<10	17
310715		<10	<10	19	<10	23
310716		<10	<10	16	<10	16
310717		<10	<10	23	<10	22
310718		<10	<10	23	<10	26
310719		<10	<10	8	<10	18
310720		10	<10	88	<10	56
310721		<10	<10	8	<10	8
310722		<10	<10	11	<10	6
310723		<10	<10	10	<10	11
310724		10	<10	13	<10	16
310725		<10	<10	3	<10	32
310726		<10	<10	7	<10	12
310727		<10	<10	13	<10	26
310728		<10	<10	14	<10	14
310729		<10	<10	9	<10	16
310730		<10	<10	17	<10	22

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 11- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148856

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148854

Projet: KAN

Bon de commande #: KAN- 020

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148854

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382981		4.11	<0.005	<0.5	0.16	<5	<10	<0.5	<2	0.07	<0.5	3	35	24	1.94	<10
382982		4.38	<0.005	<0.5	0.05	<5	<10	<0.5	<2	0.03	<0.5	<1	19	5	0.51	<10
382983		6.21	0.007	<0.5	0.15	<5	10	<0.5	<2	9.22	<0.5	<1	4	3	17.80	<10
382984		2.36	0.007	<0.5	0.07	<5	<10	<0.5	<2	2.23	<0.5	1	3	2	14.00	<10
382985		5.12	<0.005	<0.5	0.06	<5	<10	<0.5	<2	0.51	0.8	2	5	3	13.75	<10
382986		3.98	<0.005	<0.5	0.05	<5	<10	<0.5	<2	0.36	0.6	4	4	40	13.90	<10
382987		4.05	<0.005	<0.5	0.18	<5	<10	<0.5	<2	7.39	1.4	3	3	30	20.3	<10
382988		4.06	<0.005	<0.5	0.15	7	<10	<0.5	<2	3.86	1.0	3	6	23	13.35	<10
382989		3.90	<0.005	<0.5	0.30	<5	10	<0.5	<2	1.52	0.5	4	14	72	12.90	<10
382990		0.05	1.315	0.9	8.09	96	120	4.5	5	2.27	3.1	18	62	58	5.14	30
382991		4.08	0.022	1.2	5.88	<5	400	4.0	<2	0.03	<0.5	1	73	53	12.15	20
382992		2.75	0.397	2.8	4.06	23	250	2.3	<2	0.04	<0.5	<1	71	60	9.54	10
382993		3.78	0.227	4.1	2.28	11	130	1.2	<2	0.03	<0.5	<1	42	6	1.26	10
382994		3.19	<0.005	<0.5	0.27	<5	<10	<0.5	<2	0.50	<0.5	3	20	43	3.49	<10
382995		0.22	<0.005	<0.5	0.08	<5	190	<0.5	<2	17.9	<0.5	<1	2	1	0.21	<10
382996		4.37	0.434	<0.5	0.26	<5	10	<0.5	<2	1.34	0.6	4	15	8	21.7	<10
382997		4.69	0.321	<0.5	0.23	6	10	<0.5	<2	1.53	0.9	6	2	4	26.1	<10
382998		3.84	2.91	<0.5	0.16	<5	20	<0.5	<2	2.01	0.9	4	4	4	23.1	<10
382999		5.83	0.500	<0.5	0.12	<5	20	0.5	<2	1.59	0.6	3	37	10	24.8	<10
383000		4.42	0.593	<0.5	0.13	18	10	<0.5	<2	1.20	1.0	8	3	21	28.3	<10

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148854

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382981		0.01	10	0.13	74	13	0.01	12	230	2	0.97	<5	<1	2	<20	0.03
382982		0.02	<10	0.02	44	1	0.02	2	30	<2	0.10	<5	<1	1	<20	<0.01
382983		0.01	10	4.45	5480	<1	0.01	<1	160	8	0.21	<5	<1	91	<20	<0.01
382984		<0.01	<10	1.99	3900	<1	<0.01	<1	110	3	0.16	<5	<1	22	<20	<0.01
382985		0.01	<10	1.62	3770	<1	0.01	1	120	3	0.06	<5	<1	6	<20	<0.01
382986		<0.01	<10	1.45	4570	<1	<0.01	7	190	2	1.68	<5	<1	4	<20	<0.01
382987		0.01	10	3.80	6330	<1	0.01	8	110	6	1.62	8	1	78	<20	<0.01
382988		<0.01	10	1.41	4210	<1	0.01	4	230	<2	0.25	6	<1	40	<20	0.01
382989		0.04	10	0.99	2970	1	0.01	14	180	4	1.24	<5	1	27	<20	0.01
382990		4.16	10	1.72	446	1	3.47	70	970	150	2.68	<5	5	254	<20	0.50
382991		2.78	40	0.39	66	13	0.11	1	320	26	0.72	15	14	13	<20	0.26
382992		1.89	20	0.22	45	17	0.11	1	120	58	0.26	43	9	16	<20	0.12
382993		1.08	20	0.15	117	6	0.05	2	40	59	0.14	48	5	7	<20	0.15
382994		0.01	<10	0.29	266	<1	0.01	11	60	<2	1.60	<5	<1	7	<20	<0.01
382995		0.04	<10	12.65	359	<1	0.04	<1	30	15	0.02	<5	<1	134	<20	<0.01
382996		0.06	10	2.64	5240	<1	<0.01	1	90	3	0.47	<5	<1	32	<20	<0.01
382997		0.04	10	3.56	5680	<1	<0.01	<1	140	5	0.36	10	<1	38	<20	<0.01
382998		0.05	10	3.02	5330	<1	<0.01	<1	120	5	0.29	<5	<1	63	<20	<0.01
382999		0.03	10	3.25	4950	<1	<0.01	<1	160	3	0.50	<5	<1	40	<20	<0.01
383000		0.04	10	3.14	5900	<1	<0.01	1	150	3	1.12	<5	<1	30	<20	<0.01

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148854

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382981		<10	<10	7	<10	10
382982		<10	<10	1	<10	<2
382983		10	<10	12	<10	15
382984		<10	<10	5	<10	10
382985		<10	<10	6	<10	10
382986		<10	<10	7	<10	32
382987		<10	<10	17	<10	32
382988		<10	<10	15	<10	20
382989		<10	<10	20	<10	23
382990		<10	<10	64	<10	233
382991		<10	<10	162	<10	73
382992		<10	<10	111	<10	17
382993		<10	<10	81	<10	4
382994		<10	<10	18	<10	11
382995		<10	<10	4	<10	25
382996		<10	<10	18	<10	21
382997		<10	<10	16	<10	24
382998		<10	<10	11	<10	19
382999		<10	<10	14	<10	12
383000		<10	<10	11	<10	23

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CERTIFICAT D'ANALYSE VO15148854

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148850

Projet: KAN

Ce rapport s'applique aux 49 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148850

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
381659		0.59	<0.005	<0.5	3.03	<5	170	1.2	<2	0.24	<0.5	4	28	12	12.90	10
381660		0.81	<0.005	<0.5	6.62	<5	270	2.6	<2	0.20	<0.5	27	47	127	13.25	20
381661		0.59	0.006	<0.5	5.10	151	310	2.1	<2	0.48	<0.5	15	59	90	14.75	10
381662		0.88	0.009	<0.5	1.36	<5	160	0.8	<2	0.06	0.6	8	12	91	15.00	<10
381663		0.76	<0.005	<0.5	0.58	<5	40	<0.5	<2	0.21	<0.5	2	14	6	4.37	<10
381664		1.04	<0.005	<0.5	0.05	<5	10	<0.5	<2	0.35	<0.5	<1	22	6	0.65	<10
381816		0.59	0.107	<0.5	0.22	<5	20	<0.5	<2	12.60	1.5	3	8	1	16.55	<10
381817		0.62	0.327	<0.5	0.12	<5	10	<0.5	<2	4.22	1.2	5	7	5	17.15	<10
381818		0.71	0.006	<0.5	6.96	<5	230	0.6	2	6.72	0.6	26	134	60	9.62	20
381819		0.50	0.006	<0.5	5.53	<5	830	2.6	2	7.49	0.5	29	133	31	6.04	20
381820		0.34	0.018	<0.5	8.04	35	650	3.0	2	0.06	<0.5	4	71	43	2.46	20
381821		0.46	0.012	<0.5	0.89	<5	10	<0.5	<2	9.22	1.6	12	16	242	24.9	<10
381822		0.48	0.005	<0.5	7.45	15	580	1.7	2	0.50	<0.5	5	133	24	4.76	20
381823		0.45	0.006	<0.5	7.76	20	620	2.5	<2	0.14	<0.5	7	89	9	4.38	20
381824		0.50	<0.005	<0.5	8.37	<5	470	1.9	2	0.85	0.5	73	112	42	15.15	30
381825		0.67	0.051	3.5	2.50	60	170	3.1	<2	0.02	<0.5	1	66	45	1.12	10
381826		0.57	0.012	0.5	4.75	29	370	2.2	<2	0.02	<0.5	2	43	63	2.22	10
381827		0.59	0.006	<0.5	1.44	<5	50	0.5	2	1.00	<0.5	2	15	66	11.20	10
381828		0.34	<0.005	<0.5	0.20	<5	10	<0.5	<2	0.31	<0.5	4	96	54	5.12	<10
381829		0.56	<0.005	<0.5	0.23	<5	10	<0.5	3	1.34	<0.5	<1	3	8	12.55	<10
381830		0.53	0.005	<0.5	0.20	<5	10	<0.5	<2	0.34	<0.5	<1	3	6	13.05	<10
381831		0.29	0.005	<0.5	0.30	<5	20	<0.5	<2	1.15	<0.5	4	213	26	6.56	<10
381832		0.38	0.005	<0.5	0.27	<5	20	<0.5	2	1.14	<0.5	2	9	23	6.55	<10
381833		0.39	<0.005	<0.5	0.17	<5	10	<0.5	<2	3.10	0.5	<1	77	6	9.97	<10
381834		0.66	0.011	<0.5	0.06	<5	10	<0.5	5	7.82	0.7	17	2	139	22.2	<10
381835		0.69	<0.005	<0.5	0.01	<5	10	<0.5	<2	0.14	<0.5	<1	11	3	1.16	<10
381836		0.40	0.014	<0.5	4.83	<5	10	0.7	2	0.77	<0.5	38	34	41	17.00	20
381837		0.77	0.006	<0.5	0.17	<5	10	<0.5	<2	0.27	<0.5	14	23	79	3.11	<10
381838		0.50	<0.005	<0.5	0.18	<5	20	<0.5	<2	0.03	<0.5	<1	24	2	2.07	<10
381839		0.39	<0.005	<0.5	2.08	<5	110	<0.5	3	0.07	<0.5	15	151	45	2.78	<10
381840		1.65	0.132	<0.5	0.64	<5	60	<0.5	<2	1.91	<0.5	4	12	21	7.44	<10
381841		0.47	0.041	<0.5	0.78	<5	40	<0.5	<2	2.45	0.7	6	18	31	24.6	10
381842		1.09	0.380	<0.5	1.14	<5	60	<0.5	<2	1.54	<0.5	3	129	13	9.47	<10
381843		1.48	0.009	<0.5	0.56	<5	10	<0.5	<2	2.07	<0.5	6	16	18	15.95	<10
381844		2.26	<0.005	<0.5	0.28	<5	20	<0.5	<2	3.70	<0.5	1	11	2	9.17	<10
381845		0.50	0.044	0.8	0.11	<5	10	<0.5	7	0.36	<0.5	107	9	803	43.4	<10
381851		1.09	<0.005	<0.5	2.15	<5	220	1.0	2	0.29	<0.5	11	22	89	12.55	10
381852		0.50	0.442	<0.5	1.51	<5	130	0.7	<2	0.03	<0.5	3	13	190	17.40	10
381853		0.67	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.03	<0.5	<1	16	2	0.43	<10
381854		0.63	0.005	<0.5	0.54	<5	10	<0.5	<2	0.03	<0.5	1	157	16	1.70	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148850

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
381659		0.81	20	1.71	947	<1	0.01	7	90	2	0.22	<5	5	5	<20	0.09
381660		3.86	20	1.19	520	9	0.33	75	250	7	7.08	8	11	15	<20	0.21
381661		2.37	30	2.58	1640	<1	0.17	57	280	6	1.59	<5	10	13	<20	0.25
381662		0.61	10	0.33	2630	<1	0.24	5	230	15	0.65	<5	2	30	<20	0.05
381663		0.13	<10	0.18	1575	<1	0.02	1	170	2	0.03	<5	1	8	<20	0.02
381664		0.01	<10	0.02	331	<1	0.01	1	20	<2	0.04	<5	<1	6	<20	<0.01
381816		0.08	10	4.72	8030	<1	0.01	<1	70	6	0.06	6	<1	206	<20	0.01
381817		0.03	10	2.04	6400	<1	<0.01	2	670	3	0.22	8	<1	50	<20	0.01
381818		0.71	10	4.05	1225	<1	1.93	61	720	<2	0.64	<5	35	237	<20	1.00
381819		0.34	10	1.97	2720	<1	0.53	47	150	<2	0.03	11	18	330	<20	0.46
381820		3.50	50	0.69	152	19	1.41	32	310	20	0.07	<5	14	47	20	0.28
381821		0.01	<10	4.18	2650	<1	0.01	31	100	15	9.34	6	5	231	<20	0.13
381822		2.41	<10	1.26	606	<1	2.21	13	730	15	0.18	<5	17	104	<20	0.45
381823		3.00	20	1.46	298	<1	1.40	25	660	14	0.05	<5	16	64	<20	0.23
381824		2.04	30	1.72	813	<1	1.75	288	470	5	0.16	8	38	60	<20	1.59
381825		1.27	10	0.18	26	185	0.05	90	150	61	0.46	18	4	10	<20	0.13
381826		2.14	30	0.46	94	12	0.41	29	210	22	0.03	<5	8	11	<20	0.19
381827		0.34	20	1.68	1000	4	0.01	4	370	3	1.41	<5	3	11	<20	0.18
381828		0.03	<10	0.24	359	1	0.01	3	70	<2	1.30	<5	<1	5	<20	0.02
381829		0.03	<10	1.28	3180	<1	0.02	<1	150	2	0.23	<5	<1	12	<20	<0.01
381830		0.03	<10	0.50	3680	<1	0.02	<1	180	4	0.10	<5	<1	5	<20	0.01
381831		0.08	<10	0.42	1140	<1	0.08	13	90	3	1.75	<5	<1	19	<20	0.01
381832		0.07	<10	0.42	1115	1	0.07	15	80	3	1.72	<5	<1	18	<20	0.01
381833		0.01	10	1.42	3120	<1	0.01	1	390	3	0.25	5	<1	26	<20	0.01
381834		0.01	20	3.80	5740	<1	0.01	23	90	12	3.87	<5	<1	57	<20	<0.01
381835		<0.01	<10	0.10	300	<1	0.01	1	10	<2	0.15	<5	<1	1	<20	<0.01
381836		0.02	40	3.34	660	8	0.01	24	1840	8	4.59	5	9	9	<20	0.56
381837		0.08	<10	0.11	159	<1	0.01	29	10	4	1.46	<5	<1	26	<20	0.01
381838		0.08	<10	0.03	447	<1	0.03	<1	60	2	0.03	<5	<1	8	<20	0.01
381839		0.82	10	0.17	362	<1	0.40	11	30	2	0.65	<5	2	24	<20	0.06
381840		0.13	<10	0.60	3340	<1	0.01	5	80	4	0.34	<5	2	53	<20	0.03
381841		0.20	10	0.97	13550	<1	0.01	7	450	11	0.58	7	2	72	<20	0.08
381842		0.28	10	0.67	3520	<1	0.03	6	160	6	0.13	<5	5	37	<20	0.08
381843		0.03	10	1.23	3720	<1	0.01	4	360	6	0.76	6	2	38	<20	0.05
381844		0.04	<10	1.12	3080	<1	0.01	<1	260	4	0.22	<5	1	47	<20	0.02
381845		0.01	<10	0.34	707	<1	<0.01	144	60	14	>10.0	<5	<1	6	<20	0.01
381851		1.23	10	1.22	1255	<1	0.01	15	90	7	1.28	<5	4	6	<20	0.09
381852		0.33	10	0.18	1570	<1	0.47	<1	190	9	0.29	<5	2	46	<20	0.06
381853		0.01	<10	0.01	81	<1	0.01	<1	10	<2	0.01	<5	<1	1	<20	<0.01
381854		0.02	<10	0.07	136	<1	0.25	1	10	<2	0.04	<5	<1	5	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148850

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
381659		<10	<10	35	<10	79
381660		<10	<10	107	<10	81
381661		<10	<10	78	<10	275
381662		<10	<10	19	<10	68
381663		<10	<10	8	<10	40
381664		<10	<10	1	<10	4
381816		<10	<10	19	<10	23
381817		<10	<10	10	<10	10
381818		<10	<10	323	<10	92
381819		<10	<10	251	<10	90
381820		<10	10	209	<10	98
381821		<10	<10	39	<10	38
381822		<10	<10	127	<10	58
381823		<10	<10	114	<10	72
381824		<10	<10	417	<10	153
381825		<10	20	1270	<10	70
381826		<10	<10	132	<10	101
381827		10	<10	84	<10	29
381828		<10	<10	19	<10	6
381829		<10	<10	16	<10	22
381830		10	<10	14	<10	23
381831		<10	<10	11	<10	10
381832		<10	<10	10	<10	9
381833		<10	<10	11	<10	66
381834		10	<10	6	<10	52
381835		<10	<10	1	<10	5
381836		10	<10	122	<10	290
381837		<10	<10	2	<10	6
381838		<10	<10	2	<10	13
381839		<10	<10	22	<10	20
381840		<10	<10	25	<10	31
381841		10	<10	39	<10	58
381842		<10	<10	58	<10	48
381843		10	<10	32	<10	40
381844		<10	<10	16	<10	22
381845		10	<10	5	<10	10
381851		10	<10	25	<10	96
381852		10	<10	25	<10	67
381853		<10	<10	<1	<10	<2
381854		<10	<10	3	<10	11

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QUEBEC QC G1K 7R1

Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148850

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
381855		0.43	0.009	<0.5	8.00	<5	100	0.5	<2	5.03	<0.5	86	181	135	11.75	30
381856		0.26	0.011	<0.5	8.51	5	870	4.1	<2	0.10	<0.5	2	72	21	2.28	20
381857		0.73	<0.005	<0.5	1.13	<5	90	<0.5	<2	0.42	<0.5	3	27	16	1.32	<10
381858		0.37	0.005	<0.5	8.46	<5	320	2.0	<2	0.11	<0.5	28	113	61	13.25	30
381859		0.51	0.005	0.5	4.46	10	240	1.0	<2	0.07	<0.5	9	55	93	3.78	10
381860		0.42	0.011	<0.5	6.75	11	630	2.2	<2	0.20	<0.5	6	79	112	4.44	20
381861		0.53	<0.005	<0.5	0.12	<5	10	<0.5	<2	0.51	<0.5	1	186	22	1.31	<10
381862		0.57	<0.005	<0.5	2.57	<5	130	0.5	<2	0.45	<0.5	2	43	7	1.56	10
381863		0.56	<0.005	<0.5	0.40	<5	30	<0.5	2	0.06	<0.5	1	29	7	1.35	<10

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CERTIFICAT D'ANALYSE VO15148850

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
381855		0.23	10	3.72	1570	<1	1.11	125	780	5	0.24	8	33	531	<20	1.24
381856		4.24	40	0.97	198	6	0.52	16	260	16	0.03	10	7	28	<20	0.22
381857		0.35	10	0.13	321	<1	0.41	14	200	34	0.03	<5	2	55	<20	0.04
381858		2.81	20	1.49	599	1	0.43	34	490	12	0.69	6	37	41	<20	0.96
381859		1.27	30	0.65	466	4	1.17	25	370	109	0.12	5	9	43	<20	0.18
381860		2.83	<10	0.69	344	21	1.42	10	490	24	0.15	8	14	74	<20	0.34
381861		0.02	<10	0.17	144	<1	0.07	5	10	2	0.04	<5	<1	72	<20	0.01
381862		1.02	10	0.22	241	<1	0.58	5	60	2	0.02	5	3	67	<20	0.05
381863		0.21	<10	0.04	166	<1	0.02	2	230	3	0.01	<5	1	11	<20	0.02

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plus les pages d'annexe
Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148850

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
381855		<10	<10	436	<10	120
381856		<10	<10	60	<10	89
381857		<10	<10	16	<10	53
381858		<10	<10	372	<10	87
381859		<10	<10	84	<10	149
381860		<10	10	209	<10	70
381861		<10	<10	3	<10	4
381862		<10	<10	17	<10	16
381863		<10	<10	4	<10	21

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Finalisée date: 15- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148850

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148833

Projet: KAN

Bon de commande #: KAN- 029

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148833

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
311311		4.80	0.852		<0.5	0.34	117	30	<0.5	<2	1.67	0.8	7	6	9	24.0
311312		3.94	2.29		<0.5	0.35	13	40	<0.5	4	1.22	0.6	8	10	2	32.5
311313		3.42	>10.0	25.8	0.9	0.15	5	20	<0.5	<2	1.70	0.5	2	11	22	15.90
311314		4.37	4.36		<0.5	0.14	7	20	<0.5	<2	1.27	0.5	3	2	15	22.6
311315		3.01	0.596		<0.5	0.11	<5	10	<0.5	<2	0.08	<0.5	1	23	11	2.54
311316		1.87	5.95		<0.5	0.09	<5	10	<0.5	<2	0.35	<0.5	<1	16	3	1.80
311317		4.38	0.044		<0.5	0.13	<5	20	<0.5	<2	1.90	<0.5	2	13	18	4.94
311318		2.10	0.533		<0.5	0.16	30	20	<0.5	<2	0.71	<0.5	3	3	44	13.80
311319		1.84	0.617		<0.5	0.20	<5	10	<0.5	<2	0.67	<0.5	16	5	130	18.25
311320		0.05	3.47		<0.5	8.26	<5	170	4.1	<2	3.01	<0.5	26	89	37	4.33
311321		5.63	1.260		<0.5	0.27	<5	30	<0.5	<2	3.45	0.8	3	2	10	24.3
311322		5.20	0.929		<0.5	0.19	<5	20	<0.5	<2	2.15	0.7	5	3	9	23.8
311323		3.10	0.008		<0.5	1.06	<5	20	<0.5	<2	2.08	0.8	8	19	12	22.0
311324		3.40	0.007		<0.5	0.80	<5	30	0.5	<2	1.27	<0.5	7	16	5	18.05
311325		0.20	0.006		<0.5	0.02	<5	150	<0.5	<2	18.6	<0.5	<1	1	1	0.35
311326		3.35	0.007		<0.5	0.49	<5	10	0.6	<2	2.95	0.7	4	20	4	15.45
311327		3.28	0.007		<0.5	0.48	<5	10	0.5	2	2.17	<0.5	5	13	10	15.95
311328		6.36	<0.005		<0.5	0.45	<5	10	<0.5	<2	3.13	0.5	4	13	3	15.65
311329		2.93	0.005		<0.5	0.28	<5	10	0.5	<2	4.58	0.5	2	9	1	12.25
311330		4.78	<0.005		<0.5	0.33	5	10	0.5	<2	4.43	0.5	3	13	2	15.55

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Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148833

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
311311		<10	0.13	10	2.46	10100	<1	0.01	<1	540	8	0.48	<5	1	43	<20
311312		<10	0.14	10	2.65	12450	<1	<0.01	<1	590	9	0.15	<5	1	33	<20
311313		<10	0.07	<10	1.49	4700	<1	0.01	<1	50	4	1.17	<5	<1	54	<20
311314		<10	0.05	<10	2.54	5670	<1	<0.01	<1	170	6	0.87	<5	<1	35	<20
311315		<10	0.06	<10	0.17	361	<1	0.01	<1	10	<2	0.51	<5	<1	3	<20
311316		<10	0.04	<10	0.18	462	<1	0.01	<1	<10	<2	0.12	<5	<1	8	<20
311317		<10	0.06	<10	0.73	1455	<1	0.01	1	120	2	1.03	<5	<1	46	<20
311318		<10	0.05	10	0.57	2640	<1	<0.01	3	120	3	0.71	<5	<1	15	<20
311319		<10	0.03	<10	0.37	901	<1	<0.01	12	60	5	8.58	<5	<1	22	<20
311320		30	4.43	10	2.38	601	1	3.53	93	1370	42	0.04	<5	7	378	<20
311321		<10	0.12	10	3.51	6300	<1	0.01	<1	10	10	0.61	<5	<1	116	<20
311322		<10	0.08	10	3.32	4010	<1	<0.01	<1	40	5	0.38	<5	<1	62	<20
311323		10	0.34	10	3.13	16850	<1	<0.01	9	670	10	0.14	<5	3	57	<20
311324		10	0.32	10	2.16	12750	<1	0.02	5	500	5	0.05	<5	2	33	<20
311325		<10	0.02	<10	13.05	422	<1	0.03	<1	50	4	<0.01	<5	<1	150	<20
311326		<10	0.08	10	2.17	10400	<1	<0.01	4	300	7	0.05	<5	2	70	<20
311327		<10	0.06	<10	2.00	11800	<1	<0.01	5	280	5	0.07	<5	2	45	<20
311328		<10	0.08	10	2.24	11300	<1	<0.01	1	330	10	0.04	<5	1	64	<20
311329		<10	0.10	<10	2.30	8540	<1	<0.01	<1	240	8	0.02	<5	1	87	<20
311330		<10	0.07	10	2.68	9650	<1	0.01	2	320	8	0.03	<5	1	76	<20

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Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148833

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
311311		0.02	<10	<10	19	<10	31
311312		0.04	10	<10	26	<10	23
311313		<0.01	<10	<10	9	<10	15
311314		<0.01	10	<10	8	<10	18
311315		<0.01	<10	<10	6	<10	5
311316		<0.01	<10	<10	5	<10	11
311317		<0.01	<10	<10	7	<10	12
311318		<0.01	<10	<10	9	<10	15
311319		<0.01	<10	<10	8	<10	9
311320		0.72	<10	<10	91	<10	55
311321		<0.01	10	<10	17	<10	29
311322		<0.01	10	<10	21	<10	22
311323		0.11	10	<10	84	<10	34
311324		0.09	10	<10	62	<10	16
311325		<0.01	<10	<10	3	<10	28
311326		0.05	10	<10	36	<10	11
311327		0.05	10	<10	40	<10	12
311328		0.05	10	<10	37	<10	15
311329		0.04	10	<10	26	<10	6
311330		0.04	10	<10	31	<10	8

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148833

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148832

Projet: KAN

Bon de commande #: KAN- 027

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148832

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
310391		3.86	3.64	<0.5	0.36	5	20	<0.5	<2	1.10	0.5	7	17	50	15.10	<10
310392		3.10	0.702	<0.5	0.12	<5	10	<0.5	<2	1.47	0.7	2	3	9	18.10	<10
310393		3.39	0.066	<0.5	0.05	5	10	<0.5	<2	1.16	<0.5	4	5	21	14.80	<10
310394		3.22	0.427	<0.5	0.20	<5	20	<0.5	<2	2.40	0.6	3	14	37	13.80	<10
310395		3.07	4.04	<0.5	0.28	<5	10	<0.5	<2	2.13	<0.5	3	8	46	13.55	<10
310396		4.34	4.72	<0.5	0.31	<5	30	<0.5	<2	2.03	0.7	4	17	35	16.25	<10
310397		4.33	2.14	<0.5	0.35	<5	40	<0.5	<2	3.09	0.9	2	8	22	16.00	<10
310398		3.34	1.930	<0.5	0.15	5	10	<0.5	<2	2.58	0.7	4	5	12	23.5	<10
310399		2.18	0.055	<0.5	0.23	<5	20	<0.5	<2	2.85	1.1	6	6	3	25.5	<10
310400		0.04	1.290	1.1	7.76	106	110	4.4	2	2.17	2.6	17	60	55	5.08	20
311301		4.93	0.027	<0.5	0.24	<5	10	<0.5	3	4.49	1.0	5	6	1	21.3	<10
311302		3.58	2.20	<0.5	0.41	<5	40	<0.5	<2	0.95	0.6	2	12	33	17.50	<10
311303		3.82	0.523	<0.5	0.45	<5	40	<0.5	<2	3.31	1.0	5	10	22	22.6	<10
311304		3.33	0.019	<0.5	0.13	<5	10	<0.5	3	1.09	0.6	<1	5	4	21.3	<10
311305		0.21	<0.005	<0.5	0.10	6	310	<0.5	<2	19.2	0.6	<1	1	1	0.33	<10
311306		2.38	5.87	1.2	0.40	7	40	<0.5	3	2.31	1.0	7	4	87	27.0	<10
311307		3.59	0.150	<0.5	0.17	<5	20	<0.5	<2	8.20	0.8	2	6	17	15.55	<10
311308		3.38	0.005	<0.5	0.16	<5	10	<0.5	<2	9.11	0.8	2	7	6	13.45	<10
311309		4.07	0.660	<0.5	0.18	<5	20	<0.5	<2	6.60	0.8	1	7	5	15.00	<10
311310		4.13	0.364	<0.5	0.17	<5	30	<0.5	<2	8.64	0.7	<1	2	2	15.05	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148832

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
310391		0.11	10	1.63	3880	<1	<0.01	7	180	6	2.93	<5	1	28	<20	0.01
310392		0.04	10	2.02	4530	<1	<0.01	<1	180	5	0.37	<5	<1	36	<20	<0.01
310393		0.02	<10	1.16	3690	<1	<0.01	1	170	10	1.09	<5	<1	24	<20	<0.01
310394		0.08	<10	1.55	4620	<1	<0.01	1	150	8	1.54	<5	<1	63	<20	0.01
310395		0.08	<10	1.42	3690	<1	0.01	6	60	5	2.38	<5	<1	45	<20	<0.01
310396		0.13	<10	1.96	4990	<1	<0.01	<1	70	5	1.57	<5	<1	62	<20	<0.01
310397		0.18	<10	2.10	5260	<1	0.01	<1	50	3	1.19	<5	<1	87	<20	<0.01
310398		0.06	<10	2.61	5830	<1	<0.01	<1	270	9	0.75	<5	<1	58	<20	0.01
310399		0.07	10	1.82	8160	<1	<0.01	<1	480	6	0.16	<5	<1	55	<20	0.02
310400		3.97	10	1.63	449	<1	3.45	63	910	151	2.58	<5	5	254	<20	0.47
311301		0.06	10	3.27	8730	<1	<0.01	<1	440	8	0.07	<5	1	91	<20	0.02
311302		0.13	10	1.69	4780	<1	0.01	2	330	8	1.25	<5	1	24	<20	0.02
311303		0.15	10	3.27	6170	<1	<0.01	<1	400	12	1.00	<5	1	69	<20	0.03
311304		0.05	10	2.62	5700	<1	<0.01	<1	200	3	0.22	<5	<1	20	<20	<0.01
311305		0.12	<10	13.00	446	<1	0.02	<1	90	2	0.01	<5	<1	149	<20	<0.01
311306		0.15	10	2.53	6210	<1	0.01	5	290	10	2.63	<5	<1	56	<20	<0.01
311307		0.05	<10	3.47	4490	<1	<0.01	2	80	10	0.75	<5	<1	159	<20	<0.01
311308		0.03	10	3.47	4150	<1	<0.01	<1	80	7	0.34	<5	<1	174	<20	0.01
311309		0.05	10	2.31	4940	<1	<0.01	<1	130	7	0.23	<5	<1	98	<20	0.01
311310		0.06	10	3.33	5050	<1	<0.01	<1	70	8	0.16	<5	<1	159	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148832

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
310391		<10	<10	21	<10	29
310392		10	<10	9	<10	31
310393		<10	<10	6	<10	24
310394		<10	<10	12	<10	36
310395		<10	<10	15	<10	28
310396		10	<10	15	<10	32
310397		<10	<10	19	<10	33
310398		<10	<10	13	<10	24
310399		10	<10	17	<10	21
310400		<10	<10	60	<10	221
311301		10	<10	17	<10	11
311302		<10	<10	26	<10	40
311303		10	<10	35	<10	31
311304		10	<10	14	<10	32
311305		<10	<10	3	<10	62
311306		<10	<10	24	<10	33
311307		10	<10	14	<10	20
311308		10	<10	16	<10	12
311309		10	<10	14	<10	18
311310		10	<10	10	<10	16

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148832

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	CRU- QC	LOG- 21
	LOG- 23	PUL- 31	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148830

Projet: KAN

Bon de commande #: KAN- 026

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148830

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
310371		5.38	0.011	<0.5	0.04	<5	10	0.8	<2	7.01	0.8	3	6	18	13.15	<10
310372		5.06	<0.005	<0.5	0.03	7	<10	0.5	<2	2.52	<0.5	<1	7	6	11.35	<10
310373		4.11	<0.005	<0.5	0.03	<5	<10	<0.5	<2	3.27	<0.5	1	7	6	10.35	<10
310374		3.92	<0.005	<0.5	0.02	<5	10	<0.5	<2	2.58	0.5	<1	5	1	12.05	<10
310375		4.95	<0.005	<0.5	0.03	<5	<10	<0.5	<2	2.61	<0.5	1	5	7	11.50	<10
310376		5.95	<0.005	<0.5	0.06	<5	<10	<0.5	<2	3.67	0.6	1	4	6	14.10	<10
310377		4.59	<0.005	<0.5	0.08	<5	<10	<0.5	<2	5.15	0.9	<1	3	8	17.95	<10
310378		5.01	<0.005	<0.5	0.02	6	<10	<0.5	<2	3.23	<0.5	<1	5	3	12.20	<10
310379		6.79	<0.005	<0.5	0.02	<5	<10	<0.5	<2	9.34	0.9	6	2	64	16.75	<10
310380		0.06	1.300	1.1	7.99	110	120	4.6	4	2.29	2.6	20	63	60	5.26	30
310381		5.74	0.785	<0.5	0.34	<5	20	<0.5	2	6.91	0.7	1	4	8	14.15	<10
310382		6.45	0.105	<0.5	0.24	21	10	<0.5	<2	2.55	0.6	1	4	2	18.70	<10
310383		5.93	4.86	<0.5	0.18	<5	20	<0.5	<2	7.38	1.0	1	7	14	19.75	<10
310384		5.53	0.093	<0.5	0.13	<5	10	<0.5	<2	4.30	0.8	3	3	12	17.50	<10
310385		0.26	<0.005	<0.5	0.04	<5	340	<0.5	<2	18.6	<0.5	<1	<1	<1	0.36	<10
310386		3.07	0.092	<0.5	0.09	<5	10	<0.5	<2	3.23	0.8	2	4	11	15.80	<10
310387		2.99	9.01	1.0	0.47	<5	30	<0.5	3	1.94	0.7	4	9	58	17.05	<10
310388		2.71	0.013	<0.5	0.31	<5	10	<0.5	<2	0.68	<0.5	1	12	58	6.89	<10
310389		4.69	2.12	<0.5	0.32	<5	20	<0.5	<2	0.74	<0.5	9	8	81	18.15	<10
310390		4.88	0.402	<0.5	0.47	<5	30	<0.5	<2	1.18	0.5	5	16	97	16.80	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148830

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
310371		0.01	<10	3.46	3320	<1	<0.01	<1	90	5	1.14	<5	<1	42	<20	<0.01
310372		0.01	<10	1.99	2930	1	0.01	<1	110	7	0.32	<5	<1	13	<20	<0.01
310373		0.01	<10	2.01	2650	<1	<0.01	<1	70	6	0.28	<5	<1	20	<20	<0.01
310374		0.01	<10	1.87	3080	<1	<0.01	<1	60	5	0.05	<5	<1	17	<20	<0.01
310375		<0.01	<10	1.70	3250	<1	<0.01	<1	70	4	0.41	<5	<1	16	<20	<0.01
310376		<0.01	<10	2.59	3070	<1	<0.01	<1	70	4	0.33	<5	<1	22	<20	<0.01
310377		<0.01	<10	3.63	4000	<1	<0.01	<1	100	3	0.41	<5	<1	29	<20	<0.01
310378		<0.01	<10	2.16	2560	<1	<0.01	<1	140	4	0.28	<5	<1	16	<20	<0.01
310379		<0.01	<10	4.46	3450	<1	<0.01	7	280	7	2.63	<5	<1	67	<20	<0.01
310380		4.19	10	1.69	460	<1	3.60	62	950	157	2.68	<5	5	261	<20	0.49
310381		0.11	<10	2.82	4500	<1	0.01	<1	80	4	0.49	<5	<1	135	<20	<0.01
310382		0.03	10	2.12	6200	<1	<0.01	<1	200	6	0.14	<5	<1	46	<20	0.01
310383		0.07	10	3.66	6120	<1	<0.01	<1	150	9	0.73	<5	<1	136	<20	0.01
310384		0.03	<10	2.43	5070	<1	<0.01	<1	110	7	0.39	<5	<1	72	<20	<0.01
310385		0.02	<10	13.10	464	<1	0.03	<1	40	4	0.01	<5	<1	155	<20	<0.01
310386		0.02	10	2.09	4620	<1	<0.01	<1	100	5	0.22	<5	<1	55	<20	<0.01
310387		0.15	10	2.10	3980	<1	0.01	9	160	7	2.69	<5	1	58	<20	0.01
310388		0.10	<10	0.43	873	<1	0.01	10	50	<2	2.56	<5	<1	21	<20	<0.01
310389		0.06	10	1.57	5060	<1	0.01	9	170	4	3.03	<5	<1	20	<20	0.01
310390		0.14	10	1.86	4300	<1	0.01	13	210	2	3.50	<5	1	35	<20	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148830

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
310371		<10	<10	7	<10	21
310372		<10	<10	6	<10	32
310373		<10	<10	5	<10	23
310374		10	<10	4	<10	25
310375		<10	<10	5	<10	23
310376		<10	<10	9	<10	19
310377		<10	<10	11	<10	24
310378		<10	<10	7	<10	18
310379		10	<10	6	<10	16
310380		10	<10	62	<10	220
310381		10	<10	20	<10	28
310382		10	<10	18	<10	13
310383		10	<10	12	<10	31
310384		<10	<10	10	<10	28
310385		<10	<10	4	<10	28
310386		10	<10	7	<10	38
310387		10	<10	24	<10	36
310388		<10	<10	16	<10	12
310389		<10	<10	17	<10	41
310390		10	<10	25	<10	32

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148830

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148828

Projet: KAN

Bon de commande #: KAN- 015

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148828

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
382881		3.90	0.126		<0.5	0.17	<5	10	<0.5	<2	6.35	<0.5	<1	5	17	11.70
382882		4.97	2.10		<0.5	0.26	<5	20	<0.5	<2	6.96	0.7	1	15	7	11.20
382883		4.82	2.12		<0.5	0.18	<5	10	<0.5	<2	7.43	0.7	1	6	17	10.95
382884		4.73	1.100		<0.5	0.25	5	20	<0.5	<2	7.72	1.0	1	7	11	18.10
382885		4.73	0.460		<0.5	0.18	<5	20	<0.5	<2	4.80	1.0	<1	6	8	15.70
382886		1.52	>10.0	52.7	5.8	0.73	7	60	0.5	<2	2.05	0.8	7	8	17	23.3
382887		3.70	0.024		<0.5	0.51	6	30	<0.5	2	1.35	<0.5	3	7	1	25.8
382888		3.72	0.758		<0.5	0.30	<5	30	<0.5	2	1.84	0.9	5	7	15	21.4
382889		5.24	0.085		<0.5	0.61	<5	20	<0.5	<2	1.92	<0.5	4	8	5	24.6
382890		0.05	1.300		1.0	7.85	106	120	4.5	7	2.26	2.5	18	63	60	5.24
382891		5.21	2.09		0.5	0.34	5	30	<0.5	3	1.10	0.8	6	8	35	20.7
382892		3.07	0.084		<0.5	0.27	<5	20	<0.5	<2	0.99	0.5	2	12	4	17.45
382893		2.92	0.196		<0.5	0.11	6	20	<0.5	<2	2.95	0.6	2	4	3	17.45
382894		3.88	1.040		<0.5	0.11	<5	10	<0.5	<2	3.45	0.8	7	3	3	19.10
382895		0.21	<0.005		<0.5	0.02	<5	110	<0.5	<2	19.0	<0.5	<1	2	<1	0.23
382896		4.01	0.588		<0.5	0.07	<5	10	<0.5	<2	2.47	0.8	2	3	5	17.25
382897		5.37	0.014		<0.5	0.26	<5	40	<0.5	<2	2.57	0.6	5	9	3	21.9
382898		5.89	0.802		<0.5	0.26	<5	20	<0.5	<2	2.06	0.5	4	9	17	20.2
382899		4.40	0.612		<0.5	0.45	<5	30	<0.5	<2	3.27	1.0	5	5	17	26.2
382900		5.21	0.194		<0.5	0.21	24	20	<0.5	<2	6.60	1.2	1	4	6	21.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148828

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
382881		<10	0.05	<10	2.36	3870	<1	0.02	<1	120	<2	0.75	<5	<1	113	<20
382882		<10	0.12	<10	2.48	4340	<1	0.02	<1	80	5	0.42	<5	<1	141	<20
382883		<10	0.05	10	2.55	4180	<1	0.01	<1	70	6	0.45	<5	<1	139	<20
382884		<10	0.10	10	3.57	5830	<1	0.01	<1	150	8	0.64	<5	<1	146	<20
382885		<10	0.08	<10	2.66	5140	<1	0.01	<1	80	4	0.39	<5	<1	98	<20
382886		<10	0.17	20	2.49	6360	<1	<0.01	<1	750	8	0.80	<5	1	54	<20
382887		<10	0.05	10	2.11	7170	<1	<0.01	<1	290	8	0.12	<5	1	30	<20
382888		<10	0.07	10	2.41	6750	<1	<0.01	<1	160	5	0.65	<5	<1	39	<20
382889		<10	0.05	10	3.09	6950	<1	<0.01	<1	230	6	0.22	<5	1	40	<20
382890		20	4.10	10	1.67	448	<1	3.53	65	930	151	2.65	<5	5	259	<20
382891		<10	0.10	10	2.04	6150	<1	<0.01	2	140	6	1.82	<5	1	27	<20
382892		<10	0.07	10	1.63	5630	<1	<0.01	<1	150	7	0.31	<5	1	20	<20
382893		<10	0.04	10	1.89	6380	<1	<0.01	<1	330	9	0.19	<5	<1	50	<20
382894		<10	0.03	10	2.08	7270	<1	<0.01	<1	360	8	0.13	<5	<1	48	<20
382895		<10	0.01	<10	13.45	453	<1	0.02	<1	40	4	<0.01	<5	<1	212	<20
382896		<10	0.02	10	1.40	7260	<1	<0.01	<1	210	7	0.23	<5	<1	37	<20
382897		<10	0.07	10	2.37	7330	<1	<0.01	<1	190	7	0.24	<5	1	43	<20
382898		<10	0.09	10	1.78	7200	<1	<0.01	<1	310	9	0.83	<5	<1	36	<20
382899		<10	0.12	10	3.04	7680	<1	<0.01	<1	280	8	1.11	<5	1	72	<20
382900		<10	0.07	10	3.56	6660	<1	<0.01	<1	140	9	0.40	<5	<1	125	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148828

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382881		<0.01	10	<10	8	<10	23
382882		<0.01	<10	<10	13	<10	21
382883		<0.01	<10	<10	10	<10	25
382884		0.01	10	<10	15	<10	26
382885		<0.01	10	<10	11	<10	23
382886		0.03	10	<10	30	<10	26
382887		0.02	<10	<10	26	<10	17
382888		0.01	10	<10	20	<10	26
382889		0.02	10	<10	29	<10	26
382890		0.49	<10	<10	62	<10	222
382891		0.01	<10	<10	23	<10	29
382892		0.02	<10	<10	25	<10	16
382893		0.01	<10	<10	11	<10	20
382894		0.01	10	<10	13	<10	14
382895		<0.01	<10	10	3	<10	21
382896		<0.01	10	<10	7	<10	13
382897		0.01	<10	<10	25	<10	12
382898		0.01	10	<10	20	<10	16
382899		0.02	<10	<10	23	<10	36
382900		0.01	<10	<10	14	<10	28

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Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148828

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

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Finalisée date: 6- OCT- 2015
Compte: MINVIR

CERTIFICAT VO15148826

Projet: KAN

Bon de commande #: KAN- 014

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 30- SEPT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148826

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382861		2.75	<0.005	<0.5	0.36	<5	<10	<0.5	<2	10.75	0.6	2	5	7	14.35	<10
382862		2.68	0.039	<0.5	0.34	5	10	<0.5	<2	8.88	0.6	3	7	2	12.40	<10
382863		3.15	0.013	<0.5	0.16	7	20	<0.5	<2	6.71	<0.5	1	5	2	9.39	<10
382864		2.69	1.425	<0.5	0.16	<5	30	<0.5	<2	9.77	0.5	3	5	4	12.70	<10
382865		2.58	0.022	<0.5	0.06	<5	10	<0.5	2	10.20	0.6	<1	3	1	11.20	<10
382866		3.61	<0.005	<0.5	0.17	<5	10	<0.5	<2	8.54	<0.5	<1	6	1	13.20	<10
382867		3.03	<0.005	<0.5	0.24	<5	20	<0.5	<2	7.95	0.5	1	6	4	11.35	<10
382868		4.03	0.418	<0.5	0.18	<5	<10	<0.5	<2	9.94	0.9	3	5	3	14.30	<10
382869		1.98	0.008	<0.5	0.17	<5	10	<0.5	<2	10.50	0.9	8	7	29	16.40	<10
382870		0.05	1.325	1.1	8.23	106	120	4.6	3	2.31	2.6	18	62	60	5.29	30
382871		2.42	0.005	<0.5	0.94	5	<10	<0.5	<2	6.24	0.7	2	6	47	10.85	<10
382872		3.90	0.011	<0.5	0.05	<5	10	<0.5	<2	0.84	0.5	4	10	2	18.25	<10
382873		4.29	0.036	<0.5	0.26	<5	20	<0.5	<2	7.15	1.1	2	6	7	17.10	<10
382874		3.76	0.281	<0.5	0.23	<5	20	<0.5	<2	5.56	0.9	2	7	6	16.00	<10
382875		0.28	0.007	<0.5	0.03	<5	70	<0.5	<2	18.2	<0.5	<1	1	1	0.13	<10
382876		4.56	0.144	<0.5	0.13	<5	10	<0.5	<2	3.29	0.7	2	5	20	14.85	<10
382877		4.55	2.15	<0.5	0.34	<5	30	<0.5	<2	6.19	1.0	1	6	38	19.90	<10
382878		3.99	1.005	<0.5	0.50	10	40	<0.5	<2	3.23	0.5	3	10	63	13.05	<10
382879		5.12	0.341	<0.5	0.27	<5	10	<0.5	<2	5.73	0.5	1	8	26	9.06	<10
382880		2.37	0.342	<0.5	0.17	27	10	<0.5	<2	10.40	1.0	<1	2	8	16.20	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148826

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382861		0.01	10	5.50	6300	<1	<0.01	<1	480	7	0.29	<5	1	150	<20	0.01
382862		0.01	10	3.25	4240	<1	<0.01	<1	210	8	0.46	<5	1	72	<20	0.01
382863		0.02	<10	2.61	3480	<1	<0.01	<1	180	8	0.50	<5	<1	70	<20	0.01
382864		0.03	10	3.97	4630	<1	0.01	2	160	8	0.35	<5	<1	106	<20	0.01
382865		0.01	10	4.41	5090	<1	0.01	<1	1360	5	0.12	<5	<1	96	<20	<0.01
382866		<0.01	10	3.04	4770	<1	<0.01	<1	210	8	0.08	<5	<1	76	<20	0.01
382867		0.03	10	3.52	3100	<1	0.05	<1	140	8	0.14	<5	<1	40	<20	0.01
382868		<0.01	10	4.50	5850	<1	<0.01	<1	240	9	0.36	<5	<1	80	<20	0.01
382869		0.03	10	4.89	7380	1	0.01	<1	250	10	1.44	<5	1	162	<20	<0.01
382870		4.17	10	1.72	455	<1	3.62	65	940	146	2.64	<5	5	264	<20	0.49
382871		0.03	10	2.36	3220	<1	0.01	<1	280	6	2.06	<5	1	125	<20	0.01
382872		0.02	10	2.46	4490	<1	<0.01	<1	240	4	0.13	<5	<1	15	<20	<0.01
382873		0.07	10	3.93	4860	<1	<0.01	<1	90	4	0.21	<5	<1	174	<20	0.01
382874		0.06	10	3.49	4590	<1	<0.01	<1	70	6	0.30	<5	<1	115	<20	0.01
382875		0.03	<10	12.65	357	<1	0.04	<1	40	10	<0.01	<5	<1	141	<20	<0.01
382876		0.06	10	2.26	4310	1	<0.01	<1	110	5	0.83	<5	<1	57	<20	<0.01
382877		0.10	10	3.33	5490	<1	<0.01	3	130	11	2.29	<5	<1	139	<20	0.01
382878		0.17	<10	1.82	3060	<1	0.01	7	80	6	2.80	<5	<1	78	<20	<0.01
382879		0.06	<10	2.14	3410	<1	0.01	<1	20	4	1.29	<5	<1	124	<20	<0.01
382880		0.04	10	3.70	5610	<1	<0.01	<1	170	7	0.41	<5	<1	165	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148826

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382861		<10	<10	24	<10	56
382862		10	<10	25	<10	16
382863		<10	<10	12	<10	10
382864		10	<10	15	<10	10
382865		10	<10	6	<10	7
382866		10	<10	17	<10	8
382867		10	<10	20	<10	6
382868		<10	<10	16	<10	11
382869		10	<10	14	<10	63
382870		<10	<10	62	<10	224
382871		<10	<10	50	<10	53
382872		<10	<10	7	<10	20
382873		10	<10	20	<10	28
382874		10	<10	18	<10	23
382875		<10	<10	2	<10	29
382876		<10	<10	11	<10	23
382877		<10	<10	22	<10	29
382878		<10	<10	23	<10	29
382879		<10	<10	13	<10	20
382880		10	<10	11	<10	23

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 6- OCT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15148826

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15134784

Projet: KAN

Bon de commande #: KAN- 013

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 26- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15134784

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382841		2.38	<0.005	<0.5	0.32	<5	30	<0.5	<2	0.44	<0.5	3	16	6	15.90	<10
382842		5.31	0.030	<0.5	0.14	<5	10	<0.5	<2	0.70	2.3	3	19	6	13.65	<10
382843		2.25	<0.005	<0.5	0.13	<5	<10	<0.5	<2	11.35	0.7	<1	7	7	13.30	<10
382844		4.26	<0.005	<0.5	0.10	<5	<10	<0.5	<2	11.65	0.8	1	6	9	12.85	<10
382845		3.10	<0.005	<0.5	0.11	<5	<10	<0.5	<2	14.8	0.6	1	4	20	12.95	<10
382846		4.87	<0.005	<0.5	0.11	<5	<10	<0.5	2	10.00	0.6	1	3	20	16.45	<10
382847		4.16	0.018	<0.5	0.07	<5	<10	<0.5	<2	11.20	0.5	7	3	44	14.95	<10
382848		3.93	<0.005	<0.5	0.04	<5	10	0.6	<2	1.14	<0.5	1	12	1	13.50	<10
382849		5.23	<0.005	<0.5	0.08	<5	10	<0.5	4	8.65	0.5	2	7	1	16.75	<10
382850		0.06	1.290	1.0	8.03	104	120	4.5	<2	2.34	2.3	18	60	60	5.39	30
382851		3.91	0.016	<0.5	0.06	<5	10	<0.5	<2	7.73	0.5	3	5	2	15.00	<10
382852		3.77	0.034	<0.5	0.21	<5	<10	<0.5	<2	7.64	<0.5	3	9	5	14.60	<10
382853		2.65	<0.005	<0.5	0.13	<5	<10	<0.5	<2	3.39	<0.5	1	7	1	16.50	<10
382854		3.98	0.071	<0.5	0.12	<5	10	<0.5	<2	6.83	<0.5	2	8	2	15.35	<10
382855		0.37	<0.005	<0.5	0.05	<5	150	<0.5	<2	18.3	<0.5	<1	2	2	0.19	<10
382856		4.94	0.026	<0.5	0.05	<5	10	<0.5	<2	1.53	<0.5	1	11	1	16.40	<10
382857		5.67	0.048	<0.5	0.11	<5	10	<0.5	<2	12.00	0.5	2	6	2	14.10	<10
382858		3.19	0.008	<0.5	0.10	<5	<10	<0.5	<2	9.86	0.5	5	7	54	12.20	<10
382859		4.05	0.007	<0.5	0.17	<5	<10	<0.5	<2	11.55	<0.5	5	4	30	9.24	<10
382860		3.98	0.017	0.8	0.10	<5	<10	<0.5	2	13.30	0.6	18	4	100	17.20	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15134784

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382841		0.16	<10	1.60	7450	1	0.01	5	240	3	0.24	<5	1	2	<20	0.02
382842		0.06	<10	1.23	6110	<1	0.01	4	200	3	0.28	<5	<1	5	<20	0.01
382843		0.01	<10	4.98	6770	<1	0.01	3	440	6	0.20	<5	<1	147	<20	<0.01
382844		0.01	<10	4.54	6230	1	0.01	1	350	6	0.37	<5	<1	129	<20	<0.01
382845		0.01	10	5.77	6130	1	0.01	2	500	8	0.67	<5	<1	139	<20	<0.01
382846		0.01	<10	4.62	7000	1	<0.01	1	170	5	0.85	<5	<1	103	<20	<0.01
382847		0.01	<10	5.13	5140	1	0.01	3	240	8	1.81	<5	<1	95	<20	<0.01
382848		0.01	<10	1.30	3720	<1	<0.01	1	180	2	0.04	<5	<1	4	<20	<0.01
382849		0.01	10	4.49	5380	<1	<0.01	1	170	5	0.08	<5	<1	54	<20	<0.01
382850		4.18	10	1.79	454	1	3.58	70	930	157	2.76	6	5	259	<20	0.50
382851		0.01	10	3.52	6270	<1	0.01	3	240	5	0.08	<5	<1	40	<20	<0.01
382852		0.01	<10	3.66	6130	2	0.01	5	230	7	0.12	<5	1	49	<20	0.01
382853		0.01	<10	1.47	5830	1	<0.01	3	230	5	0.06	<5	<1	25	<20	0.01
382854		0.01	10	3.38	4070	1	<0.01	3	180	2	0.14	<5	<1	38	<20	0.01
382855		0.04	<10	13.90	390	1	0.05	1	80	9	<0.01	<5	<1	155	<20	<0.01
382856		0.02	<10	1.31	5030	1	0.01	3	290	<2	0.05	<5	<1	10	<20	<0.01
382857		0.01	10	4.56	5590	1	0.01	3	170	4	0.17	<5	<1	82	<20	0.01
382858		0.01	<10	4.00	4430	1	<0.01	2	220	4	2.13	<5	<1	110	<20	<0.01
382859		0.01	<10	4.96	3850	1	0.01	1	220	4	1.63	<5	<1	123	<20	<0.01
382860		0.01	<10	5.34	4800	2	0.01	6	300	7	6.27	<5	<1	160	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15134784

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382841		<10	<10	19	<10	137
382842		<10	<10	12	<10	345
382843		<10	<10	10	<10	69
382844		<10	<10	10	<10	48
382845		<10	<10	14	<10	36
382846		<10	<10	8	<10	43
382847		<10	<10	10	<10	29
382848		<10	<10	5	<10	3
382849		<10	<10	12	<10	6
382850		<10	<10	63	<10	229
382851		<10	<10	10	<10	6
382852		<10	<10	19	<10	10
382853		<10	<10	13	<10	9
382854		<10	<10	14	<10	8
382855		<10	<10	3	<10	22
382856		<10	<10	6	<10	4
382857		<10	<10	12	<10	8
382858		<10	<10	9	<10	26
382859		<10	<10	15	<10	22
382860		<10	<10	11	<10	24

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QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15134784

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15132408

Projet: KAN

Bon de commande #: KAN- 022

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 26- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15132408

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
310571		3.57	0.010	<0.5	0.25	<5	10	<0.5	6	7.80	<0.5	2	16	5	17.20	<10
310572		1.93	0.016	<0.5	0.17	<5	<10	<0.5	2	6.77	<0.5	<1	16	4	11.50	<10
310573		2.33	0.404	<0.5	0.32	<5	10	<0.5	2	6.88	<0.5	2	18	5	15.50	<10
310574		1.64	<0.005	<0.5	0.15	<5	10	<0.5	3	4.64	<0.5	2	20	4	9.01	<10
310575		2.25	2.02	<0.5	0.38	<5	10	<0.5	<2	7.81	<0.5	4	25	10	15.90	<10
310576		3.34	0.007	<0.5	0.05	<5	10	<0.5	<2	1.11	0.5	1	8	2	19.00	<10
310577		2.07	0.010	<0.5	0.03	<5	<10	<0.5	<2	0.91	0.5	2	9	3	18.15	<10
310578		2.31	<0.005	<0.5	0.05	<5	<10	<0.5	<2	1.19	0.6	2	5	3	21.6	<10
310579		3.09	<0.005	<0.5	0.06	<5	10	<0.5	<2	1.04	<0.5	3	9	1	18.20	<10
310580		0.05	3.30	<0.5	7.57	<5	160	3.9	<2	2.84	<0.5	25	83	37	4.04	20
310581		3.26	0.007	<0.5	0.09	<5	10	<0.5	<2	0.97	0.6	3	11	4	20.1	<10
310582		2.54	0.013	<0.5	0.05	<5	10	<0.5	3	1.32	0.7	2	4	3	20.6	<10
310583		3.21	<0.005	<0.5	0.06	<5	<10	<0.5	<2	0.90	0.6	4	5	2	22.6	<10
310584		3.14	0.006	<0.5	0.05	<5	10	<0.5	<2	1.45	<0.5	4	1	4	27.9	<10
310585		0.23	0.006	<0.5	0.27	<5	180	<0.5	3	14.1	<0.5	<1	1	19	0.45	<10
310586		5.79	1.540	<0.5	0.09	<5	10	<0.5	<2	1.32	0.6	2	1	5	21.4	<10
310587		2.84	0.474	<0.5	0.15	<5	10	<0.5	<2	1.66	0.6	4	3	6	24.1	<10
310588		3.66	<0.005	<0.5	0.07	<5	10	<0.5	<2	1.03	0.5	1	4	2	24.3	<10
310589		4.56	<0.005	<0.5	0.05	<5	10	<0.5	<2	1.22	0.8	4	3	2	27.6	<10
310590		3.11	<0.005	<0.5	0.05	<5	<10	<0.5	<2	1.16	0.8	2	3	5	27.2	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15132408

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
310571		0.02	<10	4.52	8890	1	0.01	6	320	4	0.09	<5	1	62	<20	0.03
310572		0.03	<10	2.10	5870	<1	0.01	2	410	2	0.06	<5	<1	114	<20	<0.01
310573		0.04	10	3.82	7630	<1	0.01	3	350	6	0.25	<5	1	101	<20	0.02
310574		0.04	<10	2.55	4670	<1	0.01	4	120	<2	0.05	<5	<1	36	<20	0.02
310575		0.02	10	3.53	9330	1	0.01	10	830	9	0.23	<5	1	94	<20	0.04
310576		0.02	<10	2.74	5620	<1	<0.01	3	70	<2	0.05	<5	<1	14	<20	<0.01
310577		0.01	<10	2.30	5120	<1	<0.01	2	90	<2	0.15	<5	<1	13	<20	<0.01
310578		0.02	<10	2.72	6210	<1	<0.01	2	110	<2	0.08	<5	<1	15	<20	<0.01
310579		0.03	<10	2.32	5050	<1	<0.01	1	100	<2	0.01	<5	<1	14	<20	<0.01
310580		4.28	10	2.31	573	<1	3.24	92	1330	39	0.02	<5	6	349	<20	0.70
310581		0.04	<10	2.44	5700	<1	0.01	2	110	2	0.12	<5	<1	14	<20	0.01
310582		0.02	<10	2.71	4370	<1	<0.01	2	70	2	0.09	<5	<1	16	<20	<0.01
310583		0.01	<10	2.73	4970	<1	<0.01	2	60	3	0.11	<5	<1	13	<20	<0.01
310584		0.01	<10	3.44	6700	<1	<0.01	3	70	4	0.07	<5	<1	22	<20	<0.01
310585		0.24	<10	10.85	375	<1	0.10	<1	70	6	<0.01	<5	<1	106	<20	0.01
310586		0.01	<10	2.85	5000	<1	<0.01	1	260	2	0.27	<5	<1	26	<20	<0.01
310587		0.02	<10	3.40	5510	<1	<0.01	3	100	2	0.29	<5	<1	33	<20	<0.01
310588		0.02	<10	3.85	5750	<1	<0.01	2	40	<2	0.09	<5	<1	14	<20	<0.01
310589		0.02	<10	4.16	6520	<1	<0.01	1	150	<2	0.03	<5	<1	17	<20	<0.01
310590		0.01	10	4.15	6570	<1	<0.01	4	70	3	0.04	<5	<1	13	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15132408

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
310571		<10	<10	17	<10	11
310572		<10	<10	12	<10	42
310573		<10	<10	20	<10	20
310574		<10	<10	12	<10	8
310575		<10	<10	21	<10	25
310576		<10	<10	6	<10	15
310577		<10	<10	8	<10	9
310578		<10	<10	9	<10	8
310579		<10	<10	10	<10	11
310580		<10	<10	86	<10	53
310581		<10	<10	10	<10	15
310582		<10	<10	8	<10	14
310583		<10	<10	8	<10	9
310584		10	<10	9	<10	11
310585		<10	<10	3	<10	36
310586		<10	<10	9	<10	20
310587		<10	10	13	<10	21
310588		<10	<10	10	<10	13
310589		<10	<10	9	<10	18
310590		<10	<10	9	<10	14

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15132408

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 15- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15130833

Projet: KAN

Bon de commande #: KAN- 025

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15130833

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
310351		6.23	0.005	<0.5	0.10	<5	<10	<0.5	<2	9.85	1.3	2	3	25	17.90	<10
310352		5.24	0.007	<0.5	0.06	<5	<10	<0.5	<2	6.22	0.6	3	4	5	13.40	<10
310353		3.99	0.005	<0.5	0.10	<5	<10	<0.5	5	5.33	0.9	3	4	10	12.70	<10
310354		4.11	<0.005	<0.5	0.02	<5	<10	<0.5	<2	3.10	0.8	2	6	1	14.55	<10
310355		4.22	0.005	<0.5	0.07	<5	<10	<0.5	<2	7.71	0.9	4	5	22	15.35	<10
310356		4.99	0.005	<0.5	0.03	<5	<10	<0.5	<2	5.03	1.0	3	4	7	14.60	<10
310357		4.39	<0.005	<0.5	0.02	<5	<10	<0.5	<2	5.70	0.8	2	6	4	13.40	<10
310358		3.96	0.010	<0.5	0.02	<5	<10	<0.5	2	2.77	0.6	2	5	9	14.30	<10
310359		5.36	<0.005	<0.5	0.03	<5	<10	<0.5	<2	4.71	0.9	4	5	4	15.25	<10
310360		0.08	1.325	1.1	7.80	98	120	4.6	2	2.27	2.9	20	63	65	5.30	30
310361		4.95	<0.005	<0.5	0.04	<5	10	<0.5	2	2.78	1.1	4	4	1	22.5	<10
310362		5.57	0.005	<0.5	0.03	<5	<10	<0.5	<2	4.96	1.0	4	4	5	22.2	<10
310363		4.52	0.006	<0.5	0.02	<5	<10	<0.5	<2	3.38	0.8	3	5	5	18.60	<10
310364		6.51	0.012	<0.5	0.05	<5	10	<0.5	<2	8.91	1.1	9	3	74	17.80	<10
310365		0.26	0.008	<0.5	0.21	<5	4390	<0.5	4	17.3	<0.5	1	3	6	0.61	<10
310366		6.71	0.006	<0.5	0.06	<5	10	<0.5	<2	8.52	1.2	5	4	53	15.35	<10
310367		5.92	<0.005	<0.5	0.03	<5	<10	<0.5	3	6.81	0.9	4	4	23	14.70	<10
310368		4.28	0.005	<0.5	0.02	<5	10	<0.5	<2	5.46	0.7	2	4	14	14.60	<10
310369		4.69	<0.005	<0.5	0.03	<5	<10	<0.5	<2	4.13	1.1	4	3	25	17.80	<10
310370		4.11	0.005	<0.5	0.04	<5	10	<0.5	<2	8.40	1.3	1	2	18	17.20	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15130833

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
310351		0.01	10	5.20	4130	<1	<0.01	<1	140	<2	1.03	<5	<1	80	<20	<0.01
310352		<0.01	<10	3.22	3720	<1	<0.01	<1	100	<2	0.34	<5	<1	42	<20	<0.01
310353		0.01	<10	2.88	3370	<1	<0.01	<1	170	<2	0.50	<5	<1	42	<20	0.01
310354		<0.01	<10	2.57	2620	<1	<0.01	<1	320	<2	0.13	<5	<1	18	<20	<0.01
310355		<0.01	10	4.22	4270	<1	<0.01	3	150	<2	0.98	<5	<1	46	<20	0.01
310356		<0.01	<10	3.22	3870	<1	<0.01	<1	180	<2	0.46	<5	<1	31	<20	<0.01
310357		<0.01	<10	3.46	3030	<1	<0.01	<1	210	<2	0.15	<5	<1	37	<20	<0.01
310358		<0.01	<10	2.41	3370	<1	<0.01	<1	230	<2	0.46	<5	<1	16	<20	<0.01
310359		<0.01	<10	3.38	3230	<1	<0.01	<1	210	<2	0.32	5	<1	30	<20	<0.01
310360		4.29	10	1.77	459	<1	3.58	71	980	148	2.76	<5	5	261	<20	0.49
310361		0.02	<10	3.56	4050	<1	0.01	<1	500	<2	0.15	<5	<1	18	<20	<0.01
310362		0.01	<10	4.35	4140	<1	<0.01	<1	420	<2	0.41	<5	<1	33	<20	<0.01
310363		0.01	<10	2.94	4350	<1	<0.01	<1	150	<2	0.44	<5	<1	19	<20	<0.01
310364		<0.01	10	4.44	3680	<1	<0.01	12	190	3	2.92	5	<1	76	<20	<0.01
310365		0.12	<10	12.40	446	<1	0.06	<1	60	2	0.20	<5	1	306	<20	0.01
310366		<0.01	<10	4.45	3260	<1	<0.01	7	170	3	1.96	<5	<1	82	<20	<0.01
310367		0.01	<10	3.89	3290	<1	<0.01	1	160	<2	1.12	<5	<1	44	<20	<0.01
310368		<0.01	<10	3.25	3200	<1	<0.01	<1	160	<2	0.75	<5	<1	33	<20	<0.01
310369		0.01	<10	3.14	3790	<1	<0.01	3	210	<2	1.26	<5	<1	25	<20	<0.01
310370		0.01	10	4.53	4210	<1	<0.01	<1	130	2	0.97	<5	<1	49	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15130833

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
310351		<10	<10	14	<10	24
310352		10	<10	6	<10	17
310353		10	<10	9	<10	19
310354		<10	<10	5	<10	25
310355		10	<10	10	<10	63
310356		<10	<10	6	<10	47
310357		10	<10	6	<10	45
310358		<10	<10	6	<10	44
310359		<10	<10	7	<10	31
310360		<10	<10	64	<10	233
310361		10	<10	7	<10	31
310362		10	<10	7	<10	28
310363		<10	<10	7	<10	27
310364		10	<10	7	<10	19
310365		<10	<10	6	<10	32
310366		<10	<10	9	<10	20
310367		10	<10	6	<10	19
310368		<10	<10	5	<10	20
310369		10	<10	7	<10	26
310370		10	<10	8	<10	28

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15130833

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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Finalisée date: 17- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129623

Projet: KAN

Ce rapport s'applique aux 4 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- XRF06	Roche totale - XRF	XRF
Ag- AA61	Trace Ag - direction quatre acides	AAS
Co- AA61	Trace Co - Digestion quatre acides	AAS
Cu- AA61	Trace Cu - Digestion quatre acides	AAS
Ni- AA61	Trace Ni - Digestion quatre acides	AAS
S- IR08	Soufre total (Leco)	LECO
PGM- ICP23	Pt, Pd et Au 30 g FA ICP	ICP- AES
OA- GRA06	Perte par calcination pour ME- XRF06	WST- SIM

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalisée date: 17- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129623

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Ag- AA61 Ag ppm 0.5	Co- AA61 Co ppm 5	Cu- AA61 Cu ppm 2	Ni- AA61 Ni ppm 5	PGM- ICP23 Au ppb 1	PGM- ICP23 Pt ppb 5	PGM- ICP23 Pd ppb 1	ME- XRF06 SiO2 % 0.01	ME- XRF06 Al2O3 % 0.01	ME- XRF06 Fe2O3 % 0.01	ME- XRF06 CaO % 0.01	ME- XRF06 MgO % 0.01	ME- XRF06 Na2O % 0.01	ME- XRF06 K2O % 0.01
382001		0.89	<0.5	100	246	605	1	<5	<1	34.29	2.30	18.33	12.22	18.44	0.08	0.02
382005		0.57	<0.5	89	242	831	1	<5	<1	31.78	2.87	19.18	2.70	28.11	0.08	0.02
382006		0.49	<0.5	152	106	1260	<1	<5	1	32.46	2.43	22.03	0.90	25.88	0.08	0.01
382064		0.44	<0.5	34	290	150	2	15	34	48.50	15.58	9.20	12.18	8.86	2.10	0.28

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129623

Description échantillon	Méthode élément unités L.D.	ME- XRF06 Cr2O3 % 0.01	ME- XRF06 TiO2 % 0.01	ME- XRF06 MnO % 0.01	ME- XRF06 P2O5 % 0.001	ME- XRF06 SrO % 0.01	ME- XRF06 BaO % 0.01	ME- XRF06 LOI % 0.01	ME- XRF06 Total % 0.01	S- IR08 S % 0.01
382001		0.07	3.40	0.18	0.367	<0.01	0.01	9.04	98.74	0.13
382005		0.11	3.44	0.22	0.444	<0.01	0.01	10.75	99.71	0.06
382006		0.17	4.78	0.15	0.475	<0.01	0.01	9.06	98.41	0.16
382064		0.08	0.53	0.15	0.031	0.01	0.01	2.74	100.25	0.10

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CERTIFICAT D'ANALYSE VO15129623

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

CRU- 31	CRU- QC	LOG- 21	PUL- 31
PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

Ag- AA61	Co- AA61	Cu- AA61	ME- XRF06
Ni- AA61	OA- GRA06	PGM- ICP23	S- IR08

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 15- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129620

Projet: KAN

Ce rapport s'applique aux 184 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
381601		0.87	<0.005	<0.5	0.35	6	10	1.0	<2	9.68	<0.5	2	8	<1	12.95	<10
381602		0.27	0.013	<0.5	0.41	<5	20	0.6	<2	0.64	<0.5	3	9	1	16.10	10
381603		0.92	<0.005	<0.5	0.13	5	10	0.8	<2	7.90	<0.5	<1	6	<1	17.00	<10
381604		0.74	0.008	<0.5	0.04	7	10	<0.5	<2	4.19	<0.5	1	10	<1	15.80	<10
381605		0.64	<0.005	<0.5	0.08	<5	10	<0.5	<2	0.66	<0.5	<1	18	2	4.33	<10
381606		0.72	<0.005	<0.5	0.03	<5	20	<0.5	<2	0.09	<0.5	1	4	<1	13.50	<10
381607		1.27	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.24	<0.5	<1	25	1	2.30	<10
381608		0.81	<0.005	<0.5	0.27	16	20	1.1	<2	5.48	<0.5	8	54	9	8.94	<10
381609		1.11	<0.005	<0.5	0.07	<5	<10	<0.5	<2	0.04	<0.5	<1	25	7	1.89	<10
381610		0.84	<0.005	<0.5	0.17	<5	10	<0.5	<2	0.03	<0.5	1	22	<1	1.24	<10
381611		1.16	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.37	<0.5	1	23	4	2.65	<10
381612		0.49	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.03	<0.5	1	34	1	1.07	<10
381613		1.14	<0.005	<0.5	0.02	8	10	<0.5	4	0.08	<0.5	1	5	<1	16.35	<10
381614		0.99	<0.005	<0.5	0.02	<5	<10	0.5	<2	0.07	<0.5	1	23	1	0.83	<10
381615		0.76	<0.005	<0.5	0.06	<5	10	<0.5	2	6.14	<0.5	1	14	1	9.10	<10
381616		0.64	<0.005	<0.5	0.03	<5	10	<0.5	2	0.02	<0.5	1	5	1	13.20	<10
381617		0.75	<0.005	<0.5	0.03	<5	<10	<0.5	<2	0.08	<0.5	<1	28	2	3.02	<10
381618		0.95	<0.005	<0.5	0.08	<5	10	<0.5	<2	0.03	<0.5	1	15	<1	3.36	<10
381619		0.77	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	<1	20	2	1.21	<10
381620		0.51	<0.005	<0.5	0.03	8	10	1.2	3	1.43	<0.5	3	9	2	14.20	<10
381621		0.72	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.55	<0.5	1	32	3	0.73	<10
381622		0.77	<0.005	<0.5	0.35	<5	<10	<0.5	<2	1.09	<0.5	2	27	2	3.58	<10
381623		0.50	<0.005	<0.5	0.05	9	<10	<0.5	4	2.00	<0.5	2	6	3	17.55	<10
381624		1.38	<0.005	<0.5	0.07	6	10	0.9	7	6.95	0.7	4	5	<1	23.0	<10
381625		0.71	0.014	<0.5	8.31	26	430	1.9	<2	0.02	<0.5	<1	114	2	1.47	30
381626		0.71	0.005	<0.5	0.04	<5	<10	<0.5	<2	1.86	<0.5	1	25	<1	2.20	<10
381627		0.62	<0.005	<0.5	0.16	5	20	<0.5	<2	0.07	<0.5	1	46	5	0.75	<10
381628		0.40	<0.005	<0.5	3.29	9	20	<0.5	<2	3.79	<0.5	18	69	12	4.05	10
381629		0.34	<0.005	<0.5	2.39	<5	20	<0.5	<2	2.32	<0.5	16	15	5	3.54	10
381630		0.28	<0.005	<0.5	7.19	<5	100	0.5	<2	1.71	<0.5	3	28	185	1.37	10
381631		0.38	<0.005	<0.5	3.15	15	40	<0.5	<2	0.48	<0.5	16	126	6	3.03	10
381632		0.33	<0.005	<0.5	0.06	6	10	<0.5	<2	0.07	<0.5	5	25	2	3.12	<10
381633		0.59	<0.005	<0.5	0.14	<5	30	0.7	5	6.17	<0.5	11	4	3	25.6	10
381634		0.48	0.020	<0.5	0.05	39	10	<0.5	<2	0.11	<0.5	10	28	6	3.90	<10
381635		0.73	<0.005	<0.5	0.04	5	10	<0.5	<2	0.02	<0.5	2	35	2	2.56	<10
381636		0.57	<0.005	<0.5	0.06	<5	20	0.5	3	5.51	<0.5	2	12	1	10.45	<10
381637		1.15	0.005	<0.5	0.16	46	20	<0.5	2	0.21	<0.5	47	25	32	7.20	<10
381638		0.48	0.005	<0.5	0.03	21	<10	<0.5	<2	0.02	<0.5	13	36	10	2.45	<10
381639		0.93	0.006	<0.5	0.03	12	<10	<0.5	<2	0.37	<0.5	7	51	4	3.57	<10
381640		0.54	0.007	<0.5	0.05	<5	10	<0.5	<2	0.43	<0.5	4	28	2	3.99	<10

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Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
381601		0.03	<10	3.85	7430	<1	0.06	4	200	13	<0.01	<5	1	66	<20	0.04
381602		0.05	<10	0.44	11200	<1	0.04	7	170	3	0.01	<5	2	14	<20	0.04
381603		0.01	<10	3.98	6370	<1	<0.01	4	110	<2	0.01	<5	<1	72	<20	0.01
381604		0.02	10	1.42	3580	<1	<0.01	8	380	<2	0.02	<5	<1	47	<20	<0.01
381605		0.03	<10	0.21	857	<1	<0.01	4	20	<2	0.06	<5	<1	9	<20	<0.01
381606		0.01	<10	0.22	2310	<1	<0.01	3	120	<2	0.01	<5	<1	1	<20	<0.01
381607		0.02	<10	0.14	1010	<1	<0.01	2	<10	<2	<0.01	<5	<1	7	<20	<0.01
381608		0.06	20	1.76	1255	<1	0.01	34	3350	6	0.10	<5	2	32	<20	0.15
381609		0.01	<10	0.05	199	<1	<0.01	7	30	<2	0.47	<5	<1	1	<20	<0.01
381610		0.01	<10	0.12	92	<1	<0.01	3	40	<2	0.05	<5	<1	<1	<20	0.01
381611		<0.01	<10	0.10	462	1	0.01	3	20	<2	0.01	<5	<1	6	<20	<0.01
381612		<0.01	<10	0.02	158	1	0.01	1	30	<2	0.01	<5	<1	2	<20	<0.01
381613		0.01	<10	0.26	1755	<1	<0.01	2	170	<2	<0.01	<5	<1	6	<20	<0.01
381614		0.01	<10	0.01	126	1	<0.01	1	270	<2	0.02	<5	<1	5	<20	<0.01
381615		0.03	<10	2.38	2500	1	<0.01	3	110	3	0.04	<5	<1	227	<20	<0.01
381616		0.01	10	0.20	2350	1	<0.01	2	100	<2	0.02	<5	<1	2	<20	<0.01
381617		0.01	<10	0.07	745	1	<0.01	3	50	<2	0.04	<5	<1	2	<20	<0.01
381618		0.01	<10	0.05	744	1	<0.01	2	50	<2	0.01	<5	<1	1	<20	<0.01
381619		0.01	<10	0.01	143	1	<0.01	1	10	<2	0.05	<5	<1	<1	<20	<0.01
381620		0.01	<10	2.23	2010	1	<0.01	2	280	<2	0.21	5	<1	16	<20	0.01
381621		<0.01	<10	0.04	110	1	<0.01	8	40	<2	0.03	<5	<1	10	<20	<0.01
381622		0.01	<10	0.31	2180	1	0.01	4	300	<2	<0.01	<5	1	16	<20	0.02
381623		0.02	<10	2.24	4060	1	<0.01	7	100	4	0.03	6	<1	31	<20	<0.01
381624		0.01	<10	5.33	3530	1	<0.01	2	270	<2	0.01	7	<1	60	<20	<0.01
381625		4.80	50	0.78	90	15	0.06	2	100	13	0.68	<5	11	9	<20	0.43
381626		0.02	<10	0.62	661	1	<0.01	1	60	<2	<0.01	<5	<1	18	<20	0.01
381627		0.07	10	0.03	64	4	0.01	3	370	2	0.15	<5	<1	5	<20	0.06
381628		0.05	<10	1.46	958	1	0.99	31	140	<2	<0.01	<5	18	33	<20	0.29
381629		0.06	<10	1.42	634	1	0.78	20	120	<2	<0.01	<5	17	20	<20	0.23
381630		0.49	10	0.36	187	1	4.25	10	120	2	0.03	<5	7	62	<20	0.40
381631		0.11	<10	1.90	695	1	0.77	38	50	2	<0.01	<5	20	25	<20	0.12
381632		<0.01	<10	0.10	1010	1	<0.01	1	<10	3	0.80	5	<1	2	<20	<0.01
381633		<0.01	20	4.56	25300	<1	0.01	5	30	11	1.03	5	1	44	<20	0.01
381634		<0.01	<10	0.14	908	3	<0.01	5	<10	8	2.57	<5	<1	3	<20	<0.01
381635		0.01	<10	0.12	905	2	<0.01	2	20	2	0.58	<5	<1	2	<20	<0.01
381636		0.03	10	2.35	12700	1	0.01	2	10	4	0.07	<5	<1	88	<20	<0.01
381637		0.04	<10	0.11	956	10	<0.01	13	10	30	6.11	9	<1	6	<20	<0.01
381638		<0.01	<10	0.02	196	3	<0.01	7	30	2	1.58	<5	<1	2	<20	<0.01
381639		<0.01	<10	0.14	971	3	<0.01	6	10	6	2.03	<5	<1	2	<20	<0.01
381640		0.01	10	0.34	4360	1	0.01	3	30	<2	0.12	<5	<1	20	<20	<0.01

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Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
381601		10	<10	38	<10	7
381602		10	<10	39	<10	9
381603		10	<10	10	<10	4
381604		10	<10	8	<10	8
381605		<10	<10	12	<10	16
381606		<10	<10	5	<10	9
381607		<10	<10	2	<10	<2
381608		10	<10	23	<10	4
381609		<10	<10	5	<10	18
381610		<10	<10	13	<10	<2
381611		<10	<10	3	<10	6
381612		<10	<10	<1	<10	<2
381613		<10	<10	5	<10	4
381614		<10	<10	2	<10	<2
381615		<10	<10	6	<10	9
381616		<10	<10	5	<10	13
381617		<10	<10	2	<10	2
381618		<10	<10	6	<10	4
381619		<10	<10	2	<10	3
381620		<10	<10	5	<10	3
381621		<10	<10	1	<10	<2
381622		<10	<10	26	<10	4
381623		10	<10	4	<10	5
381624		10	<10	10	<10	5
381625		<10	<10	398	10	21
381626		<10	<10	3	<10	<2
381627		<10	<10	10	<10	3
381628		<10	<10	130	<10	56
381629		<10	<10	130	<10	25
381630		<10	<10	51	<10	8
381631		<10	<10	72	<10	28
381632		<10	<10	4	<10	<2
381633		10	<10	30	<10	13
381634		<10	<10	3	<10	<2
381635		<10	<10	4	<10	<2
381636		<10	<10	10	<10	6
381637		<10	<10	12	<10	2
381638		<10	<10	2	<10	<2
381639		<10	<10	3	<10	<2
381640		<10	<10	8	<10	2

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Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
381641		0.51	<0.005	0.7	0.11	74	20	<0.5	14	3.32	<0.5	78	1	42	39.3	10
381642		0.83	<0.005	<0.5	1.72	<5	860	0.5	<2	0.15	<0.5	6	21	1	6.07	10
381643		0.58	<0.005	<0.5	0.09	<5	10	0.5	<2	5.95	<0.5	4	11	1	10.35	<10
381644		0.67	<0.005	<0.5	8.34	26	760	2.3	<2	0.48	<0.5	8	99	48	5.14	20
381645		0.86	<0.005	<0.5	7.48	10	840	1.6	<2	1.04	<0.5	11	80	26	3.17	20
381646		0.41	<0.005	<0.5	7.66	15	810	1.8	<2	1.30	<0.5	12	72	31	3.49	20
381647		1.02	0.005	<0.5	7.76	28	910	1.9	<2	0.44	<0.5	5	89	41	4.16	20
381648		0.77	<0.005	<0.5	4.53	9	400	1.0	<2	1.63	<0.5	10	53	32	2.98	10
381649		0.70	<0.005	<0.5	5.47	7	590	1.3	<2	0.73	<0.5	9	58	18	2.68	10
381650		0.68	<0.005	<0.5	0.39	<5	60	<0.5	<2	0.45	<0.5	<1	26	1	0.59	<10
381651		1.27	<0.005	<0.5	2.41	<5	340	1.2	<2	1.72	0.6	14	21	124	19.15	10
381951		0.80	0.024	<0.5	10.55	11	350	1.5	<2	0.01	<0.5	<1	179	<1	0.88	30
381952		0.95	0.006	<0.5	0.55	<5	<10	<0.5	<2	0.04	<0.5	10	13	98	11.50	<10
381953		0.84	0.010	<0.5	5.97	<5	330	2.7	<2	0.01	<0.5	<1	113	29	5.27	20
381954		0.39	<0.005	<0.5	0.12	<5	10	<0.5	<2	3.14	<0.5	2	12	14	10.10	<10
381955		0.92	<0.005	<0.5	8.46	17	20	<0.5	2	5.27	<0.5	50	294	36	13.45	30
381956		0.39	0.005	<0.5	3.24	5	40	<0.5	<2	0.16	<0.5	76	56	420	25.9	10
381957		0.59	0.205	0.7	0.52	48	10	<0.5	<2	0.74	5.0	32	30	271	10.70	10
381958		1.01	0.022	0.5	5.19	68	200	1.1	2	0.43	2.0	57	106	196	16.95	20
381959		0.64	0.011	<0.5	7.08	<5	130	0.8	<2	0.08	<0.5	3	78	40	12.70	20
381960		0.68	<0.005	<0.5	0.06	<5	10	0.6	2	0.34	<0.5	<1	5	<1	29.3	<10
381961		0.61	<0.005	<0.5	0.94	<5	80	0.7	<2	0.81	<0.5	5	24	<1	26.9	10
381962		0.51	0.008	0.6	5.81	141	240	1.6	3	0.15	<0.5	21	41	146	16.70	20
381963		0.75	0.010	<0.5	7.34	5	10	<0.5	4	6.37	<0.5	51	150	303	9.91	20
381964		0.60	0.006	<0.5	7.75	17	10	<0.5	2	8.72	<0.5	47	156	99	10.35	20
381965		0.47	<0.005	<0.5	7.14	<5	10	0.5	2	1.01	<0.5	26	161	115	8.62	20
381966		1.42	<0.005	<0.5	0.19	<5	<10	<0.5	2	11.85	0.6	<1	8	6	12.90	<10
381967		0.73	<0.005	<0.5	0.11	<5	<10	<0.5	<2	0.30	<0.5	1	17	16	2.55	<10
381968		0.49	<0.005	<0.5	0.05	<5	<10	<0.5	<2	1.94	<0.5	<1	20	3	2.89	<10
381969		1.17	0.026	<0.5	0.08	112	50	0.6	4	2.58	<0.5	1	15	1	23.0	<10
381970		1.79	<0.005	<0.5	0.09	<5	40	0.9	<2	0.34	<0.5	2	25	<1	26.5	<10
381971		0.87	<0.005	<0.5	0.21	5	70	1.2	3	1.72	0.5	<1	18	1	31.6	10
381972		0.80	0.005	<0.5	0.41	69	20	0.6	3	0.15	<0.5	42	13	5	22.4	<10
381973		0.90	<0.005	<0.5	0.36	8	10	<0.5	<2	0.62	<0.5	13	28	2	2.20	<10
381974		1.33	<0.005	<0.5	0.01	<5	10	0.5	3	1.20	0.5	<1	7	<1	24.9	<10
381975		0.54	<0.005	<0.5	0.01	5	10	<0.5	<2	2.06	<0.5	<1	42	<1	5.70	<10
381976		0.61	<0.005	<0.5	0.01	<5	30	0.7	<2	2.09	<0.5	<1	3	<1	23.0	<10
381977		0.74	<0.005	<0.5	8.64	13	1390	3.9	3	0.13	<0.5	7	35	23	8.04	20
381978		0.63	<0.005	<0.5	7.34	24	660	1.9	<2	0.09	<0.5	1	63	21	2.22	20
381979		0.50	<0.005	<0.5	7.41	10	910	2.1	<2	0.61	<0.5	7	81	45	3.71	20

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QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
381641		0.02	<10	1.39	6550	9	0.01	21	130	62	>10.0	13	1	12	<20	<0.01
381642		0.74	<10	0.73	2660	1	0.01	6	80	2	0.10	<5	1	22	<20	0.02
381643		0.04	<10	2.58	6650	<1	0.01	1	170	2	0.08	5	<1	134	<20	<0.01
381644		3.46	10	1.67	363	1	1.27	41	770	21	0.07	<5	19	111	<20	0.48
381645		2.15	30	0.97	412	1	3.11	28	990	18	0.02	<5	10	347	<20	0.37
381646		2.60	30	1.23	383	1	2.28	34	1020	15	0.02	<5	11	258	<20	0.38
381647		3.05	10	1.14	241	6	1.91	36	890	29	0.13	<5	15	190	<20	0.42
381648		1.35	20	0.85	412	1	1.26	29	450	14	0.02	<5	8	253	<20	0.21
381649		2.01	20	0.84	455	1	1.36	22	700	11	<0.01	<5	8	170	<20	0.26
381650		0.09	<10	0.08	87	<1	0.15	<1	30	2	<0.01	<5	<1	42	<20	0.01
381651		1.08	20	1.28	12400	<1	0.37	13	270	26	0.69	<5	5	63	<20	0.17
381951		5.38	30	0.48	38	3	0.23	<1	80	27	0.24	5	26	27	<20	0.96
381952		0.03	<10	0.69	1595	1	<0.01	73	160	3	1.71	<5	1	1	<20	0.01
381953		2.99	20	0.41	73	17	0.07	<1	170	6	0.53	<5	15	12	<20	0.25
381954		0.05	<10	2.11	2500	<1	<0.01	<1	160	3	0.67	<5	<1	46	<20	<0.01
381955		0.06	<10	4.74	1765	<1	0.02	178	560	5	0.03	<5	42	199	<20	1.27
381956		0.14	30	1.97	647	27	0.07	177	290	5	8.33	<5	11	10	<20	0.23
381957		0.09	<10	0.25	3710	24	0.02	37	610	9	1.23	<5	1	19	<20	0.01
381958		1.29	30	1.01	219	9	1.18	71	320	25	>10.0	6	12	26	<20	0.12
381959		0.76	10	1.65	2070	1	2.00	5	370	4	0.34	<5	9	63	<20	0.23
381960		0.01	<10	3.65	11750	<1	0.01	<1	520	4	0.02	<5	1	3	<20	0.01
381961		0.49	10	2.31	17850	<1	0.08	17	250	5	0.02	<5	3	16	<20	0.09
381962		2.43	20	0.51	100	16	0.13	61	400	43	>10.0	11	9	28	<20	0.11
381963		0.03	<10	4.03	1500	<1	1.77	96	350	<2	0.22	<5	45	90	<20	0.73
381964		0.03	<10	4.40	1590	<1	0.92	95	430	2	0.11	<5	48	198	<20	0.77
381965		0.03	<10	4.01	666	<1	3.08	75	370	3	1.99	<5	42	40	<20	0.76
381966		0.04	10	4.84	5310	<1	0.02	<1	40	5	0.25	<5	1	286	<20	0.01
381967		0.01	<10	0.12	260	<1	0.01	3	20	<2	0.79	<5	<1	7	<20	<0.01
381968		0.01	<10	0.59	913	<1	0.01	<1	160	2	0.16	<5	<1	43	<20	<0.01
381969		0.08	<10	1.42	14900	<1	<0.01	<1	60	7	5.53	<5	<1	28	<20	<0.01
381970		0.03	<10	0.15	1170	1	<0.01	<1	90	4	0.01	<5	<1	1	<20	<0.01
381971		0.12	<10	3.06	7470	<1	0.01	2	260	4	0.02	<5	1	10	<20	0.02
381972		0.15	10	2.54	8000	<1	0.01	8	320	3	0.11	<5	1	4	<20	0.05
381973		0.02	<10	0.27	737	1	0.01	1	330	<2	0.04	<5	2	12	<20	0.01
381974		<0.01	<10	2.10	9280	<1	<0.01	<1	110	<2	<0.01	<5	<1	10	<20	<0.01
381975		<0.01	<10	0.83	633	<1	0.01	1	30	3	0.01	<5	<1	9	<20	<0.01
381976		0.01	<10	1.24	4980	<1	<0.01	<1	30	4	0.05	<5	<1	16	<20	<0.01
381977		3.63	30	1.20	576	2	1.20	19	470	10	<0.01	<5	13	95	<20	0.40
381978		3.01	40	0.95	77	5	1.39	20	420	16	0.04	<5	13	48	20	0.32
381979		3.02	30	1.33	328	<1	1.75	32	840	12	0.02	<5	13	218	<20	0.38

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CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
381641		10	<10	5	<10	5
381642		<10	<10	10	<10	12
381643		<10	<10	3	<10	5
381644		<10	<10	143	10	83
381645		<10	<10	79	<10	74
381646		<10	<10	77	<10	92
381647		<10	<10	113	<10	64
381648		<10	<10	63	<10	102
381649		10	<10	55	<10	60
381650		<10	<10	3	<10	3
381651		<10	<10	28	<10	60
381951		10	10	264	10	14
381952		<10	<10	40	<10	80
381953		<10	<10	226	<10	25
381954		<10	<10	7	<10	14
381955		10	<10	578	<10	133
381956		<10	10	295	<10	69
381957		<10	10	88	<10	609
381958		<10	<10	132	<10	505
381959		<10	<10	121	<10	203
381960		<10	<10	15	<10	97
381961		<10	10	53	<10	30
381962		10	10	220	<10	329
381963		<10	<10	378	<10	112
381964		<10	<10	397	<10	110
381965		<10	<10	363	<10	180
381966		<10	<10	13	<10	22
381967		<10	<10	6	<10	6
381968		<10	<10	4	<10	6
381969		<10	<10	7	<10	10
381970		<10	<10	9	<10	<2
381971		<10	<10	17	<10	3
381972		<10	<10	28	<10	11
381973		<10	<10	3	<10	6
381974		<10	<10	4	<10	16
381975		<10	<10	2	<10	<2
381976		<10	<10	5	<10	11
381977		<10	<10	69	<10	61
381978		<10	<10	215	<10	30
381979		<10	<10	85	<10	98

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CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
381980		0.68	<0.005	<0.5	7.27	7	830	1.6	<2	1.11	<0.5	12	72	27	3.16	20
381981		0.50	<0.005	<0.5	8.20	14	690	2.3	<2	0.63	<0.5	12	91	68	4.06	20
381982		0.68	<0.005	<0.5	7.47	11	870	1.7	<2	1.09	<0.5	13	80	31	3.31	20
381983		0.71	<0.005	<0.5	7.49	14	850	1.7	<2	1.08	<0.5	14	79	39	3.26	20
381984		0.35	<0.005	<0.5	7.42	9	740	1.8	<2	0.69	<0.5	11	91	24	3.63	20
381985		0.43	<0.005	<0.5	7.97	34	1010	2.3	4	0.48	<0.5	10	81	53	3.99	20
381986		0.57	<0.005	<0.5	7.41	16	950	1.6	2	0.68	<0.5	7	87	30	3.11	20
381987		0.49	<0.005	<0.5	7.21	9	810	1.5	<2	0.67	<0.5	12	63	22	3.50	20
381988		0.44	<0.005	<0.5	7.50	23	890	2.0	<2	0.60	<0.5	7	83	46	3.57	20
382002		0.78	<0.005	<0.5	1.25	<5	70	0.9	<2	16.3	<0.5	72	334	164	5.72	10
382003		0.53	<0.005	<0.5	0.03	<5	10	<0.5	<2	0.24	<0.5	<1	21	1	0.77	<10
382004		0.41	<0.005	<0.5	0.49	<5	10	1.0	<2	0.04	<0.5	5	12	17	19.90	10
382007		0.75	<0.005	<0.5	8.99	<5	580	1.8	<2	0.05	<0.5	5	82	16	3.13	20
382008		0.39	<0.005	<0.5	0.33	6	750	<0.5	<2	0.03	<0.5	<1	24	1	0.95	<10
382009		3.42	<0.005	<0.5	1.85	<5	<10	<0.5	<2	3.53	<0.5	7	29	5	16.30	10
382010		4.92	<0.005	<0.5	0.54	<5	<10	<0.5	<2	4.91	<0.5	4	17	8	11.70	<10
382011		5.58	0.008	<0.5	0.45	<5	<10	<0.5	<2	9.50	0.6	4	16	4	13.55	<10
382012		3.18	0.122	<0.5	0.16	<5	<10	<0.5	<2	5.59	<0.5	1	16	4	10.00	<10
382013		5.69	<0.005	<0.5	0.49	<5	<10	<0.5	<2	8.06	<0.5	3	19	1	11.70	<10
382014		2.98	1.290	<0.5	0.37	<5	<10	<0.5	<2	3.22	<0.5	4	15	9	13.90	10
382015		4.01	<0.005	<0.5	0.69	<5	20	0.5	<2	2.22	<0.5	6	30	7	20.3	10
382016		4.53	0.032	<0.5	0.36	<5	20	<0.5	<2	2.30	<0.5	5	14	5	19.35	<10
382017		4.21	<0.005	<0.5	0.12	<5	<10	<0.5	<2	0.81	<0.5	1	26	1	7.32	<10
382018		5.58	0.306	<0.5	0.07	<5	10	<0.5	<2	8.01	0.5	<1	5	<1	14.25	<10
382019		4.22	0.006	<0.5	0.15	<5	20	<0.5	<2	3.84	<0.5	1	8	1	16.80	<10
382020		3.94	<0.005	<0.5	0.07	<5	<10	<0.5	4	6.79	0.5	1	4	<1	20.2	<10
382021		2.80	0.060	<0.5	0.55	<5	10	<0.5	<2	7.96	0.6	2	8	3	13.20	<10
382022		1.88	<0.005	<0.5	0.11	<5	10	<0.5	<2	8.86	0.5	2	9	<1	17.20	<10
382023		2.61	<0.005	<0.5	0.15	<5	10	<0.5	<2	8.19	0.5	<1	12	2	14.50	<10
382024		5.94	0.005	<0.5	0.21	<5	10	0.5	<2	8.15	0.5	1	7	<1	15.95	<10
382025		5.30	<0.005	<0.5	0.02	<5	<10	1.2	<2	5.37	<0.5	1	11	<1	15.10	<10
382026		3.21	<0.005	<0.5	0.08	<5	10	<0.5	<2	1.01	<0.5	<1	13	<1	17.55	<10
382027		3.53	<0.005	<0.5	0.12	<5	10	<0.5	<2	2.46	0.5	1	8	<1	16.20	<10
382051		0.80	<0.005	<0.5	0.22	6	10	<0.5	<2	0.08	<0.5	2	37	16	2.12	<10
382052		0.52	<0.005	<0.5	0.14	<5	<10	<0.5	<2	7.94	<0.5	<1	10	<1	9.74	<10
382053		0.80	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.04	<0.5	<1	51	<1	0.76	<10
382054		0.55	<0.005	<0.5	0.15	<5	340	<0.5	<2	15.9	<0.5	<1	6	1	0.45	<10
382055		0.72	<0.005	<0.5	4.08	<5	10	<0.5	<2	7.52	<0.5	21	407	3	4.00	10
382056		0.57	0.013	<0.5	3.84	<5	110	<0.5	3	4.27	<0.5	130	380	2520	18.50	10
382057		0.81	<0.005	<0.5	6.87	<5	50	0.6	<2	6.15	<0.5	11	8	6	7.32	30

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
381980		2.85	30	0.97	340	<1	2.19	26	860	22	0.01	<5	10	290	<20	0.32
381981		3.33	30	1.48	360	<1	1.71	46	840	15	0.01	<5	17	155	<20	0.42
381982		2.86	30	1.10	349	2	2.31	36	880	18	0.04	<5	12	221	<20	0.35
381983		2.90	30	1.10	286	2	2.15	36	800	22	0.18	<5	13	205	<20	0.35
381984		2.85	30	1.22	292	<1	2.10	36	910	13	0.02	<5	13	176	<20	0.39
381985		3.36	20	1.36	304	2	1.72	36	800	24	0.05	<5	15	174	<20	0.38
381986		2.79	30	0.78	300	3	2.51	25	860	31	0.03	<5	10	236	<20	0.35
381987		2.57	20	1.01	313	<1	2.36	30	640	11	0.02	<5	10	232	<20	0.30
381988		2.81	20	1.16	276	7	2.14	37	790	29	0.10	<5	13	229	<20	0.39
382002		0.86	40	6.47	1210	1	0.02	451	1380	4	0.15	<5	14	92	<20	0.76
382003		0.03	<10	0.12	41	1	0.01	<1	20	<2	0.23	<5	<1	1	<20	<0.01
382004		0.37	<10	1.39	7120	<1	0.01	4	320	3	0.09	<5	1	2	<20	0.05
382007		5.35	30	0.72	101	<1	0.04	16	190	3	0.02	<5	11	31	<20	0.34
382008		0.29	<10	0.01	49	1	0.02	1	100	2	0.51	<5	<1	4	<20	0.01
382009		0.01	<10	4.13	7760	<1	<0.01	13	340	4	0.06	<5	7	50	<20	0.12
382010		0.02	10	3.33	5770	<1	<0.01	3	680	3	0.11	<5	1	67	<20	0.07
382011		<0.01	10	4.61	12150	<1	<0.01	6	380	3	0.07	<5	1	143	<20	0.06
382012		<0.01	<10	2.49	8630	<1	<0.01	1	270	3	0.06	<5	1	136	<20	0.02
382013		0.02	<10	3.41	10000	<1	<0.01	4	210	4	<0.01	<5	1	73	<20	0.05
382014		0.01	<10	2.31	9520	<1	<0.01	3	390	3	0.26	<5	1	32	<20	0.02
382015		0.14	10	2.74	12850	<1	0.04	10	660	4	0.20	<5	2	19	<20	0.09
382016		0.09	10	2.58	12650	<1	0.04	4	530	2	0.16	<5	1	20	<20	0.03
382017		0.01	<10	0.97	3290	<1	<0.01	1	580	<2	0.05	<5	<1	8	<20	0.01
382018		0.01	<10	3.97	4740	<1	<0.01	<1	90	7	0.01	<5	<1	134	<20	<0.01
382019		0.04	10	2.88	5270	<1	<0.01	<1	240	2	0.12	<5	<1	59	<20	0.01
382020		0.01	10	4.43	5770	<1	<0.01	<1	290	4	0.01	<5	<1	111	<20	<0.01
382021		0.05	<10	3.63	4760	<1	0.01	<1	260	4	0.08	<5	<1	131	<20	0.01
382022		0.03	10	4.19	6090	<1	<0.01	<1	370	3	0.01	<5	<1	89	<20	0.01
382023		0.02	<10	2.80	5190	<1	0.01	1	190	3	0.01	<5	1	84	<20	0.01
382024		0.03	<10	4.31	6240	<1	<0.01	<1	180	3	0.03	<5	<1	41	<20	0.01
382025		0.01	<10	3.38	5130	<1	<0.01	<1	160	2	0.05	<5	<1	26	<20	<0.01
382026		0.02	<10	1.51	7630	<1	0.01	1	460	2	0.01	<5	<1	6	<20	<0.01
382027		0.02	<10	2.15	5270	<1	<0.01	<1	140	<2	0.04	<5	<1	19	<20	<0.01
382051		0.09	<10	0.08	138	4	0.01	6	170	3	0.91	<5	1	4	<20	0.03
382052		0.01	<10	3.70	4900	1	0.01	<1	300	2	0.01	<5	<1	122	<20	0.01
382053		0.01	<10	0.02	226	1	0.01	<1	30	<2	<0.01	<5	<1	2	<20	<0.01
382054		0.15	<10	9.79	356	<1	0.01	<1	420	<2	<0.01	<5	<1	62	<20	0.01
382055		0.06	<10	3.11	920	<1	0.46	70	300	<2	<0.01	<5	22	58	<20	0.17
382056		1.00	<10	6.64	1385	1	0.05	281	160	7	4.95	10	29	6	<20	0.67
382057		0.26	10	0.62	959	1	0.46	2	1010	19	0.01	5	20	261	<20	0.38

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CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
381980		<10	<10	70	<10	78
381981		<10	<10	109	<10	149
381982		<10	<10	84	<10	112
381983		<10	<10	85	<10	99
381984		<10	<10	90	<10	108
381985		<10	<10	111	<10	91
381986		10	<10	88	<10	74
381987		<10	<10	75	<10	84
381988		<10	<10	124	<10	63
382002		<10	<10	173	<10	96
382003		<10	<10	2	<10	<2
382004		<10	<10	50	<10	96
382007		<10	<10	61	<10	36
382008		<10	<10	2	<10	126
382009		<10	<10	102	<10	33
382010		<10	<10	34	<10	14
382011		<10	<10	33	<10	12
382012		<10	<10	12	<10	10
382013		10	<10	36	<10	9
382014		<10	<10	22	<10	17
382015		10	<10	42	<10	26
382016		<10	<10	20	<10	20
382017		<10	<10	7	<10	4
382018		10	<10	8	<10	9
382019		<10	10	13	<10	10
382020		<10	<10	11	<10	16
382021		<10	<10	30	<10	12
382022		<10	<10	12	<10	4
382023		<10	<10	14	<10	5
382024		<10	<10	18	<10	4
382025		<10	<10	5	<10	2
382026		<10	<10	8	<10	32
382027		<10	<10	13	<10	8
382051		<10	<10	37	<10	5
382052		<10	<10	9	<10	26
382053		<10	<10	1	<10	2
382054		<10	<10	2	<10	3
382055		<10	<10	142	<10	38
382056		<10	<10	590	<10	85
382057		<10	<10	14	<10	51

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CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382058		1.10	0.012	<0.5	0.72	<5	90	0.6	<2	1.19	<0.5	5	18	6	13.60	<10
382059		0.53	<0.005	<0.5	0.80	<5	20	<0.5	<2	1.70	<0.5	2	17	25	0.97	<10
382060		0.40	<0.005	<0.5	0.05	5	10	<0.5	<2	0.08	<0.5	4	20	6	0.57	<10
382061		0.37	<0.005	<0.5	1.17	<5	170	<0.5	<2	0.10	<0.5	2	15	3	1.17	<10
382062		0.27	<0.005	<0.5	0.58	<5	20	<0.5	<2	1.39	<0.5	4	70	2	0.92	<10
382063		1.16	<0.005	<0.5	5.45	11	60	<0.5	<2	8.66	<0.5	34	560	46	6.06	10
382065		0.63	<0.005	<0.5	0.07	<5	20	0.6	5	8.31	<0.5	3	14	1	10.40	<10
382066		0.68	<0.005	<0.5	0.08	13	10	0.5	<2	1.06	<0.5	8	11	3	14.50	<10
382067		1.00	<0.005	<0.5	0.09	8	<10	<0.5	<2	0.34	<0.5	7	31	5	3.34	<10
382501		0.48	0.029	1.2	5.02	10	140	1.2	5	0.42	1.0	11	85	171	19.90	20
382502		0.49	<0.005	0.7	2.94	170	70	0.7	4	1.40	0.9	342	31	128	18.55	10
382503		0.44	<0.005	<0.5	0.12	<5	10	<0.5	3	2.91	<0.5	3	6	1	13.40	<10
382504		0.33	0.005	<0.5	0.15	<5	10	<0.5	7	16.8	0.5	4	11	34	13.35	10
382505		0.58	0.061	2.0	0.05	7	<10	<0.5	8	8.57	<0.5	9	1	269	31.6	<10
382506		0.69	<0.005	<0.5	0.16	<5	<10	<0.5	2	5.11	<0.5	11	5	89	17.15	<10
382507		0.40	<0.005	<0.5	0.13	<5	10	<0.5	<2	3.96	<0.5	3	12	13	6.92	<10
382508		0.44	<0.005	1.3	0.02	<5	<10	15.4	8	3.44	<0.5	12	4	132	25.1	<10
382509		0.70	<0.005	<0.5	0.07	<5	<10	<0.5	<2	16.8	<0.5	12	5	45	12.05	<10
382510		0.88	3.67	0.5	1.40	5	70	<0.5	3	3.61	1.0	8	27	82	24.2	10
382511		1.04	0.005	<0.5	1.04	6	50	<0.5	<2	0.13	1.2	3	30	118	3.65	<10
382512		1.13	0.005	0.8	0.89	86	20	<0.5	<2	3.10	<0.5	22	26	331	19.45	10
382513		1.12	0.008	<0.5	0.14	14	<10	<0.5	<2	0.47	<0.5	9	16	160	6.69	<10
382514		1.09	<0.005	<0.5	0.12	6	10	<0.5	<2	3.71	<0.5	3	32	50	4.15	<10
382515		0.78	<0.005	<0.5	1.23	<5	30	<0.5	<2	6.35	<0.5	4	32	87	15.15	10
382516		0.94	<0.005	<0.5	0.95	11	40	0.5	<2	3.27	0.6	2	14	204	13.65	10
382517		0.80	0.013	<0.5	3.19	298	110	0.6	5	0.51	<0.5	18	55	329	19.70	10
382518		0.42	<0.005	<0.5	0.23	<5	60	<0.5	<2	1.07	<0.5	1	24	5	0.50	<10
382519		0.96	0.007	<0.5	0.92	<5	150	<0.5	3	4.54	<0.5	11	24	77	15.55	10
382520		0.99	<0.005	<0.5	0.71	6	160	<0.5	<2	15.1	<0.5	1	7	4	1.62	<10
382521		0.56	<0.005	<0.5	0.18	<5	10	0.5	3	1.95	<0.5	6	9	2	16.55	<10
382522		0.98	<0.005	<0.5	0.16	24	<10	<0.5	<2	11.85	<0.5	4	6	2	14.10	<10
382523		0.73	<0.005	<0.5	0.51	5	30	0.7	2	9.71	<0.5	4	15	3	8.27	<10
382524		0.56	<0.005	<0.5	1.15	5	20	<0.5	<2	0.07	<0.5	<1	31	9	2.22	10
382525		1.01	<0.005	<0.5	0.81	5	50	<0.5	<2	0.21	<0.5	3	26	7	3.65	<10
382526		0.51	<0.005	<0.5	2.26	7	10	<0.5	<2	0.21	0.6	32	21	319	14.60	10
382527		0.85	0.050	<0.5	2.44	<5	130	0.5	<2	0.06	<0.5	7	37	67	10.15	10
382528		1.19	<0.005	<0.5	1.29	<5	80	<0.5	3	0.38	0.6	19	20	294	11.35	<10
382529		0.62	<0.005	<0.5	4.16	<5	230	1.3	<2	0.69	<0.5	16	32	67	14.80	10
382530		0.46	<0.005	<0.5	0.03	<5	<10	<0.5	2	0.01	<0.5	<1	18	2	0.63	<10
382531		0.50	<0.005	<0.5	2.33	<5	250	1.0	<2	0.63	0.5	13	31	74	14.20	<10

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CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382058		0.29	10	1.55	1905	<1	0.04	7	880	3	0.04	5	1	13	<20	0.02
382059		0.10	<10	0.20	564	1	0.33	5	110	77	0.04	<5	<1	94	<20	0.01
382060		0.02	<10	0.01	54	1	0.01	9	270	2	0.13	<5	<1	7	<20	<0.01
382061		0.60	<10	0.14	94	1	0.12	5	380	6	0.03	<5	1	10	<20	0.03
382062		0.07	<10	0.45	218	1	0.02	13	20	3	<0.01	<5	3	5	<20	0.02
382063		0.26	<10	5.73	1300	<1	1.28	114	170	6	<0.01	<5	42	60	<20	0.29
382065		0.01	<10	3.62	9940	<1	0.01	<1	50	2	0.23	<5	1	31	<20	<0.01
382066		<0.01	30	1.40	13400	1	<0.01	3	110	8	0.80	<5	1	21	<20	<0.01
382067		<0.01	<10	0.33	2500	2	0.01	3	10	2	0.57	<5	<1	5	<20	<0.01
382501		1.44	30	1.72	549	16	0.06	97	330	32	>10.0	5	10	21	<20	0.11
382502		0.35	20	1.65	784	5	0.03	82	3150	15	>10.0	<5	5	47	<20	0.03
382503		0.01	<10	2.35	3970	<1	<0.01	1	140	6	0.08	<5	<1	36	<20	<0.01
382504		0.04	<10	5.70	7410	3	0.01	2	420	10	1.10	<5	1	219	<20	0.01
382505		0.01	<10	2.93	3950	3	<0.01	17	110	19	>10.0	11	1	101	<20	<0.01
382506		0.08	<10	2.05	1950	<1	<0.01	11	80	5	5.73	6	1	105	<20	<0.01
382507		0.04	<10	1.38	1805	1	<0.01	4	130	4	1.03	<5	<1	28	<20	<0.01
382508		<0.01	<10	1.30	1480	11	<0.01	29	150	11	>10.0	<5	<1	25	<20	<0.01
382509		0.01	10	5.78	5870	2	0.01	3	330	7	2.25	6	1	133	<20	<0.01
382510		0.16	20	3.02	10050	3	0.04	59	920	5	1.77	<5	3	85	<20	0.04
382511		0.47	10	0.10	181	8	0.07	16	210	6	0.34	6	2	11	<20	0.04
382512		0.28	10	1.12	6080	30	0.02	189	3480	23	>10.0	10	2	59	<20	0.02
382513		0.02	<10	0.64	1640	1	<0.01	81	80	4	3.19	<5	<1	8	<20	<0.01
382514		0.01	<10	1.34	1670	1	<0.01	32	50	2	1.31	<5	<1	54	<20	<0.01
382515		0.55	10	4.08	8220	1	0.03	70	370	8	3.08	5	3	233	<20	0.02
382516		0.36	10	1.95	3250	2	0.02	221	200	5	6.82	8	2	81	<20	0.01
382517		1.59	20	2.13	5660	24	0.03	116	670	19	9.98	7	8	24	<20	0.10
382518		0.17	<10	0.58	96	1	<0.01	2	110	<2	0.06	<5	<1	10	<20	0.01
382519		0.55	10	1.90	5570	1	<0.01	17	580	6	3.46	<5	3	101	<20	0.10
382520		0.51	10	9.16	1085	1	0.01	5	160	3	0.14	5	1	131	<20	0.02
382521		0.12	<10	2.27	10050	<1	0.01	2	230	3	0.01	7	1	47	<20	0.02
382522		<0.01	<10	6.12	7930	1	<0.01	5	190	5	0.07	<5	1	68	<20	0.01
382523		0.13	<10	4.11	6500	1	0.01	6	550	<2	0.03	5	1	61	<20	0.03
382524		0.17	10	0.71	121	5	0.01	2	90	<2	0.04	<5	2	3	<20	0.03
382525		0.27	<10	0.45	249	1	<0.01	7	40	8	0.10	<5	1	3	<20	0.04
382526		0.02	<10	0.96	498	<1	0.01	73	70	12	5.25	<5	2	3	<20	0.01
382527		0.47	10	1.10	358	<1	<0.01	12	130	3	0.47	<5	4	3	<20	0.11
382528		0.26	10	0.62	2420	<1	0.06	10	570	3	1.75	<5	2	20	<20	0.04
382529		1.34	30	2.34	3610	<1	0.01	27	240	43	0.55	<5	7	26	<20	0.15
382530		0.01	<10	0.01	60	<1	<0.01	<1	<10	<2	0.01	<5	<1	1	<20	0.01
382531		0.80	20	1.50	1645	<1	0.01	19	340	5	0.51	<5	4	18	<20	0.11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382058		<10	<10	13	<10	33
382059		<10	<10	4	<10	13
382060		<10	<10	1	<10	<2
382061		<10	<10	10	<10	8
382062		<10	<10	20	<10	7
382063		<10	<10	204	<10	54
382065		<10	<10	1	<10	6
382066		10	<10	15	<10	7
382067		<10	<10	5	<10	3
382501		<10	<10	132	<10	518
382502		10	<10	104	<10	227
382503		<10	<10	7	<10	5
382504		10	<10	16	<10	38
382505		10	<10	8	<10	22
382506		10	<10	9	<10	17
382507		<10	<10	14	<10	4
382508		<10	<10	3	<10	4
382509		<10	<10	17	<10	25
382510		<10	<10	58	<10	131
382511		<10	<10	100	<10	330
382512		10	20	454	<10	66
382513		<10	<10	15	<10	55
382514		<10	<10	10	<10	11
382515		<10	<10	44	<10	68
382516		<10	<10	143	<10	129
382517		10	<10	102	<10	43
382518		<10	<10	3	<10	17
382519		<10	<10	83	<10	10
382520		<10	<10	5	<10	7
382521		<10	<10	15	<10	7
382522		<10	<10	19	<10	5
382523		<10	<10	36	<10	6
382524		<10	<10	56	<10	43
382525		<10	<10	11	<10	18
382526		<10	<10	32	<10	57
382527		<10	<10	33	<10	44
382528		10	<10	16	<10	44
382529		<10	<10	69	<10	82
382530		<10	<10	1	<10	<2
382531		10	<10	31	<10	67

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382532		0.52	<0.005	<0.5	0.33	<5	30	<0.5	<2	1.03	0.5	1	16	7	3.27	<10
382533		0.65	<0.005	<0.5	1.78	7	230	1.2	<2	0.56	1.3	6	24	<1	21.7	<10
382534		0.68	0.016	<0.5	1.44	25	180	0.7	<2	0.53	0.6	7	19	172	18.45	<10
382535		0.97	<0.005	<0.5	0.87	<5	120	1.2	<2	1.13	0.6	3	20	2	13.10	<10
382536		0.57	<0.005	<0.5	3.68	<5	200	<0.5	4	0.71	<0.5	4	21	1	1.13	10
382537		0.59	<0.005	<0.5	1.01	<5	100	<0.5	<2	0.18	<0.5	1	41	7	0.56	<10
382538		0.94	<0.005	<0.5	6.00	<5	20	0.7	<2	1.98	<0.5	16	6	6	8.30	20
382539		0.83	<0.005	<0.5	1.43	8	150	1.4	<2	1.13	0.8	14	19	394	25.7	<10
382540		0.64	<0.005	<0.5	0.03	13	140	1.1	<2	0.02	<0.5	1	52	<1	16.45	<10
382541		1.08	<0.005	<0.5	0.07	<5	10	<0.5	<2	0.03	0.6	4	10	<1	14.50	<10
382542		0.75	<0.005	<0.5	11.20	<5	650	2.9	<2	0.04	<0.5	11	90	67	9.21	30
382543		1.10	<0.005	0.5	4.63	<5	190	1.4	<2	0.66	0.8	20	55	159	14.35	10
382544		1.12	<0.005	<0.5	5.96	<5	220	2.3	<2	0.24	0.6	16	65	129	15.00	10
382545		1.64	0.007	0.6	3.95	47	40	0.7	<2	0.54	0.5	9	52	69	15.40	10
382546		0.72	<0.005	<0.5	6.82	18	10	<0.5	<2	8.44	0.8	37	648	92	6.81	10
382547		0.45	<0.005	<0.5	2.16	<5	290	<0.5	<2	0.20	<0.5	2	26	1	1.24	<10
382548		1.09	<0.005	<0.5	2.39	<5	250	1.4	<2	0.22	0.9	23	26	94	20.4	10
382549		0.95	<0.005	<0.5	2.48	<5	250	1.1	<2	0.21	<0.5	14	24	104	17.95	10
382550		1.01	<0.005	<0.5	2.35	<5	210	1.2	<2	0.60	0.5	12	26	11	9.07	10
382551		0.92	<0.005	<0.5	7.39	21	1010	1.9	<2	0.37	<0.5	13	81	44	4.30	20
382552		0.59	<0.005	<0.5	7.21	15	920	1.5	2	0.85	<0.5	10	71	24	3.00	10
382553		0.62	<0.005	<0.5	7.97	29	800	2.0	<2	0.49	<0.5	8	93	49	4.61	20
382554		0.66	0.005	<0.5	1.43	<5	190	<0.5	2	3.37	<0.5	5	12	6	2.42	<10
382555		0.93	<0.005	<0.5	3.10	<5	300	0.7	<2	4.77	<0.5	6	49	8	2.50	10

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382532		0.07	<10	0.23	544	<1	0.01	1	10	3	0.05	<5	1	31	<20	0.01
382533		0.77	10	2.51	2370	<1	0.05	7	1980	<2	<0.01	<5	2	14	<20	0.06
382534		0.70	10	1.59	1950	<1	0.05	4	830	<2	0.98	<5	2	16	<20	0.05
382535		0.44	10	1.68	2720	<1	0.01	7	1440	<2	0.03	<5	2	13	<20	0.03
382536		1.09	10	0.08	328	<1	1.14	3	910	11	0.02	<5	2	72	<20	0.05
382537		0.33	<10	0.03	63	<1	0.37	<1	670	3	0.01	<5	<1	28	<20	0.02
382538		0.04	10	0.83	1180	<1	2.65	<1	1040	<2	0.05	<5	24	62	<20	0.52
382539		0.53	20	2.39	2240	<1	0.05	13	4330	<2	3.33	6	3	13	<20	0.06
382540		0.01	10	0.02	228	1	<0.01	3	80	<2	0.03	<5	<1	3	<20	<0.01
382541		0.01	<10	0.64	5420	<1	0.01	1	100	<2	0.02	<5	<1	1	<20	<0.01
382542		4.07	40	1.12	231	<1	0.50	20	490	11	0.21	<5	16	215	20	0.12
382543		1.15	20	2.13	1450	4	0.68	59	1170	5	5.58	<5	8	42	<20	0.17
382544		0.95	20	1.38	652	3	2.99	51	470	31	4.73	<5	11	62	<20	0.22
382545		0.26	10	1.93	1365	3	0.10	28	1100	48	2.90	<5	6	24	<20	0.16
382546		0.07	<10	5.98	1280	<1	1.36	150	180	2	0.05	<5	45	85	<20	0.31
382547		0.79	10	0.14	174	<1	0.70	3	180	7	0.02	<5	1	36	<20	0.06
382548		0.66	20	1.56	10150	<1	0.11	17	280	3	0.39	<5	4	15	<20	0.12
382549		1.29	20	1.90	8930	<1	0.04	13	160	2	0.55	<5	5	4	<20	0.12
382550		1.72	10	1.38	3990	<1	0.01	13	190	<2	0.23	<5	5	23	<20	0.13
382551		2.84	30	1.18	397	6	1.69	43	750	12	0.08	11	14	193	<20	0.38
382552		2.39	40	0.85	325	<1	2.63	22	900	13	0.03	<5	9	325	<20	0.33
382553		3.24	30	1.35	308	2	1.54	41	800	21	0.16	<5	17	149	<20	0.44
382554		0.32	10	0.66	399	<1	0.11	6	80	41	<0.01	<5	1	200	<20	0.03
382555		0.93	10	0.76	321	<1	0.69	18	270	11	<0.01	<5	7	262	<20	0.17

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382532		<10	<10	4	<10	12
382533		<10	<10	25	<10	45
382534		10	<10	14	<10	42
382535		<10	<10	30	<10	66
382536		<10	<10	18	<10	22
382537		<10	<10	6	<10	3
382538		<10	<10	21	<10	114
382539		10	<10	25	<10	47
382540		<10	<10	21	<10	<2
382541		10	<10	9	<10	16
382542		<10	<10	87	<10	99
382543		<10	<10	128	<10	175
382544		<10	<10	139	<10	111
382545		<10	<10	126	<10	181
382546		10	<10	232	<10	65
382547		<10	<10	12	<10	8
382548		10	<10	31	<10	139
382549		10	<10	30	<10	52
382550		<10	<10	33	<10	44
382551		<10	<10	103	<10	85
382552		<10	<10	73	<10	72
382553		<10	<10	126	<10	76
382554		<10	<10	8	<10	28
382555		<10	<10	54	<10	53

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Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129620

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	CRU- QC	LOG- 21
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129611

Projet: KAN

Ce rapport s'applique aux 154 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % <2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % <75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- OG62	Teneur marchande éléments - quatre acides	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES
Zn- OG62	Teneur marchande Zn - quatre acides	VARIABLE

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
381652		1.01	0.078	<0.5	1.20	<5	140	0.6	<2	0.71	<0.5	5	20	29	15.75	<10
381653		0.59	0.037	<0.5	4.44	<5	50	0.7	<2	0.74	<0.5	15	53	193	20.5	10
381654		0.91	<0.005	<0.5	0.49	<5	10	<0.5	<2	0.08	<0.5	<1	16	37	4.34	<10
381655		1.09	0.013	0.7	5.22	7	390	2.5	<2	0.23	<0.5	22	62	142	18.75	10
381656		0.92	<0.005	<0.5	0.52	<5	70	0.7	<2	0.45	<0.5	4	12	8	9.66	<10
381657		1.26	0.009	0.8	4.38	<5	320	1.9	<2	0.29	<0.5	19	48	154	22.9	10
381658		0.82	0.008	0.7	3.40	<5	160	1.9	<2	0.20	<0.5	19	38	136	14.90	10
381751		1.06	0.011	<0.5	0.90	7	30	<0.5	<2	0.32	112.5	2	30	52	3.49	<10
381752		0.60	0.007	<0.5	0.20	<5	10	2.1	<2	0.25	<0.5	17	3	69	33.5	<10
381753		0.96	<0.005	<0.5	0.15	<5	<10	<0.5	<2	0.15	<0.5	1	22	7	1.61	<10
381754		1.06	<0.005	<0.5	0.06	<5	<10	<0.5	<2	0.53	<0.5	<1	41	<1	1.54	<10
381755		0.93	<0.005	<0.5	1.15	<5	<10	<0.5	<2	0.02	<0.5	4	46	9	4.11	<10
381756		0.86	<0.005	<0.5	0.15	5	10	<0.5	<2	0.40	<0.5	5	22	1	8.97	<10
381757		0.62	0.006	<0.5	0.07	<5	10	<0.5	<2	3.29	<0.5	6	6	13	13.45	<10
381758		0.52	0.531	<0.5	0.09	<5	10	<0.5	<2	1.77	<0.5	3	19	<1	6.97	<10
381759		0.52	0.011	<0.5	0.05	<5	10	0.5	2	1.34	<0.5	2	8	<1	4.79	<10
381760		0.48	<0.005	<0.5	0.12	<5	10	<0.5	<2	0.11	<0.5	4	10	15	0.87	<10
381761		0.45	<0.005	<0.5	0.03	<5	<10	<0.5	<2	2.20	<0.5	<1	11	<1	2.56	<10
381762		0.55	1.795	<0.5	0.02	<5	<10	<0.5	<2	0.36	<0.5	<1	15	<1	1.44	<10
381763		0.78	0.012	<0.5	0.57	5	<10	<0.5	<2	1.07	<0.5	10	23	119	8.30	<10
381764		0.80	<0.005	<0.5	0.03	<5	<10	<0.5	<2	0.02	<0.5	4	8	25	1.58	<10
381765		0.66	<0.005	<0.5	0.11	<5	10	<0.5	<2	0.01	<0.5	1	10	6	0.82	<10
381766		1.33	0.010	<0.5	0.02	<5	<10	<0.5	<2	0.32	<0.5	20	21	125	9.62	<10
381767		1.20	<0.005	<0.5	0.25	<5	10	<0.5	<2	4.61	<0.5	1	16	<1	6.01	<10
381768		1.40	0.015	<0.5	0.11	<5	20	<0.5	<2	10.45	<0.5	2	4	<1	16.35	<10
381769		1.23	<0.005	<0.5	0.04	<5	<10	<0.5	<2	1.11	<0.5	1	19	<1	5.30	<10
381770		1.39	<0.005	<0.5	0.02	<5	<10	<0.5	<2	5.14	<0.5	3	8	<1	12.90	<10
381771		0.53	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.55	<0.5	1	13	<1	2.02	<10
381772		0.55	<0.005	<0.5	0.08	<5	<10	<0.5	<2	4.10	<0.5	5	9	3	8.68	<10
381773		0.69	<0.005	<0.5	0.28	<5	10	<0.5	<2	0.44	<0.5	1	19	1	2.32	<10
381774		0.88	0.012	<0.5	0.04	<5	<10	<0.5	<2	0.97	<0.5	1	19	4	1.15	<10
381775		0.88	0.020	0.6	0.01	<5	<10	<0.5	<2	0.08	<0.5	53	20	105	15.25	<10
381776		0.95	0.010	0.8	0.18	<5	20	<0.5	2	8.63	0.6	4	6	125	20.4	<10
381777		1.27	<0.005	<0.5	0.78	<5	<10	<0.5	<2	15.5	0.6	1	16	20	11.25	10
381778		0.83	<0.005	<0.5	0.10	<5	10	<0.5	<2	2.23	<0.5	1	11	4	2.89	<10
381779		1.26	0.016	1.4	0.07	<5	10	<0.5	<2	6.10	0.9	136	3	59	29.5	<10
381780		0.48	0.006	<0.5	0.26	<5	10	<0.5	<2	12.10	0.7	3	6	12	17.60	<10
381781		1.01	<0.005	1.0	0.02	<5	10	<0.5	<2	4.53	<0.5	15	1	163	37.6	<10
381782		0.81	<0.005	<0.5	0.57	<5	70	1.0	<2	3.76	0.5	3	6	26	13.30	10
381783		0.68	0.331	<0.5	0.08	<5	<10	<0.5	<2	1.57	<0.5	2	3	4	15.50	<10

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
381652		0.52	10	1.52	1725	<1	0.07	6	1000	<2	0.05	<5	2	19	<20	0.05
381653		0.18	20	2.19	1045	<1	0.14	54	1440	2	3.56	<5	7	24	<20	0.21
381654		0.02	<10	0.21	187	<1	0.01	1	60	<2	0.11	<5	1	4	<20	0.02
381655		1.64	30	1.41	502	3	0.46	71	910	<2	7.24	<5	9	17	<20	0.18
381656		0.19	<10	1.47	1730	<1	0.02	5	210	<2	0.16	<5	1	6	<20	0.02
381657		2.54	10	1.58	536	<1	0.03	110	1340	<2	>10.0	<5	7	7	<20	0.16
381658		1.98	10	1.10	526	3	0.03	71	930	5	8.10	<5	6	7	<20	0.13
381751		0.14	<10	0.42	1810	3	0.02	8	400	<2	1.14	<5	1	12	<20	0.01
381752		0.09	10	1.70	7080	<1	0.01	29	510	<2	9.31	<5	<1	7	<20	0.01
381753		0.03	<10	0.12	263	<1	0.01	2	210	<2	0.32	<5	1	7	<20	<0.01
381754		0.03	<10	0.08	1710	<1	0.01	<1	100	<2	0.07	<5	<1	14	<20	<0.01
381755		0.03	<10	0.37	1055	<1	0.01	7	70	<2	0.06	<5	2	3	<20	0.09
381756		0.05	<10	0.57	3770	<1	0.01	5	270	<2	0.03	<5	<1	8	<20	0.01
381757		0.02	<10	2.60	2910	<1	0.01	<1	80	<2	0.48	<5	<1	18	<20	<0.01
381758		0.02	<10	0.98	2940	<1	0.02	<1	110	<2	0.05	<5	<1	41	<20	<0.01
381759		0.01	<10	0.36	2920	<1	0.01	<1	140	<2	0.02	<5	<1	38	<20	<0.01
381760		0.06	<10	0.03	116	<1	0.01	9	260	<2	0.23	<5	<1	7	<20	0.01
381761		0.01	<10	0.57	1180	<1	0.01	<1	260	<2	0.01	<5	<1	24	<20	<0.01
381762		0.01	<10	0.08	512	<1	0.01	<1	80	<2	0.01	<5	<1	7	<20	<0.01
381763		0.03	10	0.55	1145	2	<0.01	10	240	<2	3.54	<5	1	35	<20	0.07
381764		0.01	<10	0.01	50	<1	<0.01	2	<10	<2	0.80	<5	<1	2	<20	<0.01
381765		0.05	<10	0.01	49	<1	0.01	1	10	<2	0.15	<5	<1	3	<20	<0.01
381766		0.01	<10	0.09	238	<1	<0.01	12	20	<2	5.56	<5	<1	6	<20	<0.01
381767		0.03	<10	2.06	2010	<1	<0.01	<1	<10	<2	0.05	<5	1	37	<20	<0.01
381768		0.03	10	4.31	6510	<1	0.04	<1	140	<2	0.04	<5	<1	109	<20	<0.01
381769		0.01	<10	0.64	1365	<1	<0.01	<1	30	<2	0.02	<5	<1	9	<20	<0.01
381770		0.02	<10	3.68	4630	<1	<0.01	<1	130	<2	<0.01	<5	<1	24	<20	<0.01
381771		0.02	<10	0.23	1110	<1	<0.01	<1	150	<2	0.01	<5	<1	5	<20	<0.01
381772		<0.01	<10	1.76	3030	<1	<0.01	3	170	2	0.50	<5	<1	21	<20	<0.01
381773		0.06	<10	0.30	790	<1	<0.01	2	70	2	0.03	<5	<1	3	<20	0.01
381774		0.01	<10	0.37	701	<1	<0.01	<1	120	<2	0.08	<5	<1	5	<20	<0.01
381775		0.01	<10	0.05	601	1	<0.01	185	30	<2	9.20	<5	<1	1	<20	<0.01
381776		0.08	<10	3.13	4010	<1	<0.01	17	320	13	>10.0	<5	1	49	<20	0.01
381777		0.01	10	6.07	5340	1	0.01	4	940	15	0.84	<5	2	171	<20	0.01
381778		0.05	<10	0.72	2090	<1	0.01	2	280	<2	0.09	<5	<1	11	<20	0.02
381779		0.02	<10	1.63	2630	14	0.01	11	130	21	>10.0	<5	1	54	<20	<0.01
381780		0.07	10	5.46	4370	1	0.01	6	190	9	2.38	<5	1	131	<20	0.01
381781		0.01	<10	1.67	1580	11	<0.01	20	70	15	>10.0	<5	<1	35	<20	<0.01
381782		0.42	<10	2.71	2380	1	0.01	4	40	7	2.87	<5	1	31	<20	0.02
381783		0.04	<10	1.54	4060	1	<0.01	3	300	4	0.52	<5	<1	17	<20	<0.01

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Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
381652		<10	<10	27	<10	37	
381653		<10	<10	115	10	110	
381654		<10	<10	15	<10	12	
381655		<10	<10	133	<10	93	
381656		<10	<10	20	<10	52	
381657		<10	<10	117	<10	170	
381658		<10	<10	112	<10	118	
381751		<10	<10	179	20	>10000	1.175
381752		<10	<10	24	<10	115	
381753		<10	<10	7	<10	16	
381754		<10	<10	3	<10	24	
381755		<10	<10	32	<10	36	
381756		<10	<10	10	<10	22	
381757		<10	<10	6	<10	10	
381758		<10	<10	4	<10	9	
381759		<10	<10	3	<10	8	
381760		10	<10	2	<10	3	
381761		10	<10	2	<10	<2	
381762		<10	<10	1	<10	<2	
381763		<10	<10	28	<10	38	
381764		<10	<10	1	<10	<2	
381765		<10	<10	5	<10	<2	
381766		<10	<10	2	<10	3	
381767		<10	<10	17	<10	13	
381768		<10	<10	6	<10	9	
381769		<10	<10	5	<10	8	
381770		<10	<10	7	<10	<2	
381771		<10	<10	3	<10	<2	
381772		<10	<10	9	<10	3	
381773		<10	<10	17	<10	2	
381774		<10	<10	4	<10	<2	
381775		<10	<10	1	<10	5	
381776		<10	<10	14	<10	9	
381777		<10	<10	46	<10	68	
381778		<10	<10	6	<10	3	
381779		<10	10	7	<10	13	
381780		<10	<10	21	<10	30	
381781		<10	10	4	<10	3	
381782		<10	<10	44	<10	17	
381783		<10	<10	8	<10	12	

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Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
381784		0.74	<0.005	<0.5	0.08	<5	<10	<0.5	<2	4.35	0.7	1	5	31	9.88	<10
381785		1.05	0.015	2.3	0.01	63	10	<0.5	<2	1.33	<0.5	3	<1	165	44.2	<10
381786		0.79	<0.005	<0.5	0.15	<5	10	<0.5	<2	2.81	<0.5	<1	13	5	8.49	<10
381787		0.46	0.010	1.6	0.13	<5	10	<0.5	<2	1.33	<0.5	29	7	170	37.7	<10
381788		0.42	<0.005	<0.5	0.18	<5	10	<0.5	<2	6.60	<0.5	<1	10	11	8.91	<10
381789		0.94	<0.005	<0.5	0.05	<5	<10	<0.5	<2	1.69	<0.5	1	10	9	19.15	<10
381790		0.68	0.005	<0.5	0.17	<5	20	<0.5	2	5.43	<0.5	<1	6	3	15.60	<10
381791		0.41	<0.005	<0.5	0.09	<5	10	<0.5	<2	5.00	0.5	<1	4	8	16.55	<10
381792		0.58	0.022	1.1	0.06	<5	10	<0.5	<2	4.88	0.7	60	6	253	24.7	<10
381801		0.76	0.005	0.5	0.48	8	10	<0.5	<2	1.61	<0.5	8	37	132	16.15	<10
381802		1.48	<0.005	<0.5	0.24	<5	10	<0.5	<2	0.52	<0.5	8	8	22	16.90	<10
381803		0.89	0.007	<0.5	7.61	<5	270	2.3	<2	0.17	1.4	25	186	98	10.10	20
381804		0.80	<0.005	<0.5	0.34	<5	30	<0.5	<2	0.03	<0.5	4	26	25	2.40	<10
381805		0.89	<0.005	<0.5	0.28	<5	20	<0.5	<2	0.49	<0.5	14	35	174	13.95	<10
381806		1.18	0.008	1.0	0.17	<5	10	<0.5	<2	0.03	<0.5	44	7	221	23.1	<10
381807		0.48	0.008	<0.5	0.22	<5	10	<0.5	<2	2.73	0.6	29	8	484	26.6	<10
381808		0.43	<0.005	<0.5	3.71	<5	10	<0.5	<2	0.05	<0.5	10	70	10	9.42	10
381809		0.88	<0.005	<0.5	0.58	<5	<10	<0.5	<2	0.08	<0.5	3	27	17	2.89	<10
381810		0.42	<0.005	<0.5	2.14	<5	10	<0.5	<2	3.89	<0.5	10	77	6	3.12	<10
381811		0.49	<0.005	<0.5	0.18	<5	10	<0.5	<2	1.04	<0.5	2	24	16	5.98	<10
381812		0.39	<0.005	<0.5	0.05	5	10	<0.5	3	0.03	<0.5	1	5	1	12.90	<10
381813		0.53	<0.005	<0.5	0.03	<5	<10	<0.5	<2	0.06	<0.5	<1	14	2	0.70	<10
381814		0.52	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.03	<0.5	1	17	1	8.22	<10
381815		0.57	<0.005	<0.5	0.01	<5	<10	<0.5	<2	0.02	<0.5	<1	15	1	5.22	<10
381989		0.45	<0.005	<0.5	7.67	7	1010	1.5	<2	0.88	<0.5	9	58	24	3.52	20
381990		0.81	0.005	<0.5	7.75	27	890	1.9	<2	0.53	<0.5	5	86	38	4.21	20
381991		0.48	<0.005	<0.5	7.30	16	840	1.5	<2	1.02	<0.5	12	62	28	3.20	20
381992		0.89	<0.005	<0.5	7.84	30	900	1.8	<2	0.68	<0.5	7	88	40	4.08	20
381993		0.67	<0.005	<0.5	7.96	28	860	1.9	<2	0.51	<0.5	5	86	42	4.40	20
381994		0.85	<0.005	<0.5	8.15	27	890	1.7	<2	0.79	<0.5	10	87	57	3.93	20
381995		0.81	0.005	<0.5	7.91	22	920	1.8	<2	0.56	<0.5	4	76	36	3.94	20
381996		1.35	<0.005	<0.5	0.07	<5	20	1.0	<2	9.80	0.8	<1	3	1	18.85	<10
381997		0.81	<0.005	<0.5	0.10	<5	630	<0.5	<2	0.47	<0.5	5	51	2	2.33	<10
381998		1.44	<0.005	<0.5	0.04	7	30	0.7	<2	2.45	0.7	1	14	1	22.9	<10
381999		0.88	<0.005	<0.5	0.36	28	20	0.9	<2	0.33	0.5	13	7	7	31.9	<10
382000		0.62	0.008	<0.5	0.03	<5	20	<0.5	<2	1.85	<0.5	16	16	3	8.03	<10
382068		0.31	<0.005	<0.5	0.02	<5	<10	<0.5	2	0.03	<0.5	<1	19	1	0.44	<10
382069		0.54	<0.005	<0.5	5.04	10	110	0.7	<2	9.34	0.5	36	367	44	8.41	20
382070		0.44	0.005	<0.5	5.84	<5	30	<0.5	<2	1.88	<0.5	6	71	172	5.76	10
382071		0.43	<0.005	<0.5	8.61	<5	290	0.5	<2	6.00	<0.5	30	131	92	6.51	20

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CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
381784		0.07	<10	2.03	2170	<1	<0.01	3	40	9	3.82	<5	<1	96	<20	<0.01
381785		0.01	<10	0.48	601	19	<0.01	30	110	33	>10.0	<5	<1	21	<20	<0.01
381786		0.04	<10	1.39	2920	1	<0.01	3	120	4	0.33	<5	<1	26	<20	0.01
381787		0.06	<10	0.48	867	1	0.01	38	170	13	>10.0	<5	<1	17	<20	<0.01
381788		0.09	<10	2.69	3220	2	0.01	3	340	5	1.15	<5	<1	63	<20	0.01
381789		0.01	<10	2.19	7200	<1	<0.01	3	240	5	0.53	<5	<1	14	<20	<0.01
381790		0.04	<10	2.89	4460	2	0.02	3	310	4	0.19	<5	<1	37	<20	0.01
381791		0.03	10	2.66	4180	<1	<0.01	1	480	3	0.46	<5	<1	51	<20	<0.01
381792		0.02	<10	1.64	1575	7	<0.01	34	150	13	>10.0	7	<1	61	<20	<0.01
381801		0.05	10	0.69	2540	2	0.01	47	270	18	4.33	<5	2	48	<20	0.01
381802		0.04	<10	3.00	2860	<1	<0.01	18	60	4	0.18	<5	11	7	<20	<0.01
381803		4.41	10	1.03	214	12	0.04	104	610	12	7.53	<5	24	17	<20	0.43
381804		0.18	<10	0.06	322	<1	0.02	5	70	11	0.62	<5	1	5	<20	0.02
381805		0.06	<10	0.44	865	<1	0.01	86	80	<2	6.93	<5	1	8	<20	0.01
381806		0.04	<10	0.10	254	<1	<0.01	98	40	3	>10.0	<5	1	<1	<20	0.01
381807		0.05	10	1.64	3520	2	<0.01	46	320	11	8.91	<5	1	42	<20	0.02
381808		0.03	10	2.20	528	<1	0.01	31	240	<2	0.14	<5	16	2	<20	0.49
381809		0.02	10	0.31	441	<1	0.01	5	<10	2	0.73	<5	2	1	<20	<0.01
381810		0.01	<10	0.92	756	<1	0.67	21	90	3	0.11	<5	7	23	<20	0.19
381811		0.03	<10	0.28	1280	1	<0.01	16	720	2	2.36	<5	1	22	<20	0.01
381812		0.01	<10	0.72	3230	<1	<0.01	<1	70	<2	0.04	<5	<1	<1	<20	<0.01
381813		<0.01	<10	0.01	79	<1	0.01	<1	20	<2	0.01	<5	<1	<1	<20	<0.01
381814		<0.01	<10	0.78	1805	<1	<0.01	<1	20	2	0.02	<5	<1	<1	<20	<0.01
381815		<0.01	<10	0.51	1035	<1	<0.01	2	20	<2	0.03	<5	<1	<1	<20	<0.01
381989		2.71	30	1.15	402	<1	2.42	30	910	17	0.01	<5	9	315	<20	0.33
381990		3.16	20	1.31	249	5	1.76	33	810	26	0.14	<5	14	179	<20	0.45
381991		2.65	30	1.12	329	<1	2.29	29	800	35	0.01	<5	10	268	<20	0.33
381992		3.16	20	1.33	296	3	1.78	37	900	25	0.40	9	15	171	<20	0.43
381993		3.05	10	1.42	321	4	1.96	38	830	23	0.16	8	16	175	<20	0.44
381994		3.42	20	1.46	333	8	1.77	34	870	29	0.07	5	15	194	<20	0.44
381995		3.55	20	1.26	316	20	1.72	19	920	21	0.07	<5	13	205	<20	0.39
381996		0.03	<10	4.44	3820	<1	0.02	1	90	<2	<0.01	<5	<1	112	<20	<0.01
381997		0.07	<10	0.22	1980	<1	<0.01	6	30	<2	0.37	<5	<1	11	<20	<0.01
381998		0.02	<10	0.95	4320	1	0.01	2	40	7	0.30	<5	<1	24	<20	<0.01
381999		0.14	<10	2.58	15700	<1	0.01	4	250	7	0.13	<5	1	7	<20	0.05
382000		<0.01	10	0.72	4690	<1	<0.01	15	100	4	4.65	<5	<1	25	<20	<0.01
382068		<0.01	<10	0.02	82	<1	0.01	1	10	<2	0.01	<5	<1	<1	<20	<0.01
382069		0.40	30	4.88	1715	2	0.80	190	1420	7	0.10	<5	25	149	<20	0.92
382070		0.13	10	1.22	430	2	2.31	12	220	6	0.53	<5	17	142	<20	0.26
382071		1.06	<10	3.25	968	<1	2.85	45	410	8	0.41	<5	35	221	<20	0.52

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
381784		<10	<10	7	<10	16	
381785		<10	10	3	<10	5	
381786		<10	<10	16	<10	14	
381787		<10	10	11	<10	9	
381788		<10	<10	17	<10	21	
381789		<10	<10	6	<10	50	
381790		<10	<10	14	<10	8	
381791		<10	<10	8	<10	33	
381792		<10	10	6	<10	19	
381801		<10	<10	18	<10	55	
381802		<10	<10	24	<10	74	
381803		<10	10	260	<10	148	
381804		<10	<10	5	<10	13	
381805		<10	<10	14	<10	18	
381806		<10	<10	8	<10	8	
381807		<10	<10	52	<10	29	
381808		<10	<10	203	<10	183	
381809		<10	<10	21	<10	33	
381810		<10	<10	84	<10	41	
381811		<10	<10	28	<10	9	
381812		<10	<10	2	<10	24	
381813		<10	<10	2	<10	4	
381814		<10	<10	1	<10	22	
381815		<10	<10	2	<10	17	
381989		<10	<10	75	<10	75	
381990		<10	10	110	<10	44	
381991		<10	<10	71	<10	76	
381992		<10	<10	173	<10	54	
381993		<10	<10	117	<10	53	
381994		<10	10	114	<10	100	
381995		<10	<10	112	<10	52	
381996		<10	<10	4	<10	5	
381997		<10	<10	4	<10	3	
381998		<10	<10	6	<10	6	
381999		<10	<10	28	<10	8	
382000		<10	<10	7	<10	3	
382068		<10	<10	1	<10	<2	
382069		<10	<10	206	<10	107	
382070		<10	<10	123	<10	33	
382071		<10	<10	234	<10	68	

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Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382072		0.78	<0.005	<0.5	6.95	<5	320	0.8	2	4.98	0.5	50	296	349	11.00	20
382073		0.61	<0.005	<0.5	8.55	<5	220	1.3	5	4.70	<0.5	28	4	361	9.14	30
382074		0.93	<0.005	<0.5	0.45	<5	40	<0.5	<2	0.03	<0.5	1	32	6	0.83	<10
382075		0.77	<0.005	<0.5	0.06	<5	10	<0.5	2	0.22	<0.5	5	33	102	3.69	<10
382076		0.81	<0.005	<0.5	6.33	<5	110	0.6	<2	5.94	<0.5	71	5	84	15.45	20
382077		0.44	<0.005	<0.5	0.51	<5	60	<0.5	2	0.11	<0.5	5	17	13	1.34	<10
382078		0.71	0.014	0.6	0.22	<5	20	<0.5	<2	0.01	<0.5	20	20	341	9.50	<10
382079		0.93	0.057	1.0	5.04	365	170	0.8	4	0.01	<0.5	2	82	20	17.00	10
382080		0.69	<0.005	<0.5	5.61	<5	420	1.7	3	0.30	<0.5	9	56	19	5.73	10
382081		0.67	<0.005	<0.5	3.60	<5	200	0.7	2	0.16	0.5	5	48	61	7.17	10
382082		1.07	<0.005	<0.5	1.51	9	20	0.6	2	1.32	<0.5	8	30	41	30.3	<10
382083		1.21	0.010	<0.5	0.39	<5	<10	<0.5	2	0.14	<0.5	7	13	116	12.35	<10
382084		1.20	<0.005	<0.5	0.10	<5	10	<0.5	<2	0.23	<0.5	5	35	33	1.99	<10
382085		0.73	<0.005	<0.5	1.52	<5	130	<0.5	<2	0.64	<0.5	2	27	10	1.44	<10
382086		0.61	0.006	<0.5	8.24	<5	540	2.0	2	0.07	1.6	27	83	77	5.37	20
382087		1.35	<0.005	<0.5	0.07	<5	10	<0.5	<2	0.02	<0.5	9	38	25	1.64	<10
382088		0.62	<0.005	<0.5	5.75	<5	90	1.3	2	0.55	0.5	<1	48	30	5.65	20
382089		0.98	<0.005	<0.5	0.04	<5	<10	<0.5	<2	0.03	<0.5	<1	40	<1	0.56	<10
382090		0.59	<0.005	<0.5	1.76	<5	30	<0.5	<2	0.09	<0.5	12	19	3	11.80	10
382091		1.59	<0.005	<0.5	5.01	<5	360	1.0	2	3.22	<0.5	23	113	2	20.5	20
382092		1.69	<0.005	<0.5	1.30	<5	10	<0.5	3	0.01	<0.5	6	26	26	4.85	<10
382093		1.03	0.011	<0.5	2.62	<5	30	<0.5	3	0.10	<0.5	111	18	887	14.05	10
382094		1.22	0.012	2.2	2.53	12	70	0.6	7	0.01	4.9	24	39	490	35.0	10
382095		0.73	0.008	<0.5	2.83	<5	220	0.9	6	0.21	<0.5	11	35	112	11.70	10
382096		0.69	0.007	<0.5	0.11	<5	10	<0.5	<2	0.82	<0.5	14	5	279	20.3	<10
382097		0.74	<0.005	<0.5	0.04	<5	<10	<0.5	2	2.65	<0.5	6	12	141	8.42	<10
382098		0.63	<0.005	<0.5	5.34	<5	<10	<0.5	2	0.13	<0.5	3	8	7	13.50	20
382099		0.86	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.24	5.5	18	18	137	8.14	<10
382100		1.12	<0.005	<0.5	0.13	<5	<10	<0.5	<2	0.25	<0.5	<1	24	13	1.09	<10
382556		1.57	0.034	<0.5	0.16	<5	10	0.8	7	1.81	<0.5	<1	3	1	37.2	<10
382557		1.18	<0.005	<0.5	0.61	11	130	1.3	3	1.51	<0.5	4	12	4	33.9	<10
382558		1.16	<0.005	<0.5	0.02	<5	110	<0.5	2	1.10	<0.5	<1	17	<1	16.40	<10
382559		1.07	<0.005	<0.5	0.09	<5	20	<0.5	<2	0.95	<0.5	<1	25	7	3.67	<10
382560		0.85	0.005	<0.5	0.06	<5	20	<0.5	<2	0.08	<0.5	3	41	2	4.45	<10
382561		0.92	<0.005	<0.5	0.05	6	60	<0.5	<2	0.17	<0.5	3	51	4	3.96	<10
382562		0.89	0.006	<0.5	8.08	27	870	1.9	<2	0.14	<0.5	9	93	44	4.53	20
382563		0.71	<0.005	<0.5	8.02	20	990	2.0	<2	0.66	<0.5	11	79	55	3.54	20
382564		1.01	<0.005	<0.5	7.20	5	310	<0.5	3	5.67	<0.5	24	39	229	7.33	20
382565		0.42	<0.005	<0.5	8.23	<5	80	0.7	<2	5.45	<0.5	15	21	88	4.08	20
382566		0.63	<0.005	<0.5	2.95	<5	150	<0.5	<2	4.67	<0.5	16	51	7	3.00	10

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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382072		1.24	10	4.06	1345	6	1.93	215	800	4	1.66	<5	26	189	<20	0.90
382073		0.25	20	0.70	953	<1	3.21	59	5780	11	3.28	<5	20	646	<20	1.77
382074		0.24	<10	0.04	111	<1	0.02	2	30	3	0.10	<5	1	8	<20	0.01
382075		0.02	<10	0.08	207	<1	0.01	51	<10	5	2.11	<5	<1	30	<20	<0.01
382076		1.18	<10	3.39	2280	<1	1.38	20	490	<2	0.38	<5	61	99	<20	1.64
382077		0.37	<10	0.25	129	<1	0.03	<1	40	<2	0.04	<5	1	5	<20	0.08
382078		0.10	<10	0.02	71	<1	0.01	86	10	3	6.38	<5	<1	2	<20	0.01
382079		2.46	40	0.23	479	144	0.05	75	620	101	0.41	15	12	16	<20	0.14
382080		2.72	10	1.11	5030	1	0.04	22	320	2	1.73	<5	7	21	<20	0.16
382081		1.70	10	0.90	5210	<1	0.04	36	450	<2	1.61	<5	4	18	<20	0.07
382082		0.18	20	4.82	6670	<1	0.01	17	520	<2	0.94	7	3	21	<20	0.11
382083		0.01	<10	0.31	1470	<1	<0.01	9	110	3	3.44	<5	1	3	<20	0.01
382084		0.04	<10	0.08	173	<1	0.03	12	20	8	0.77	<5	<1	30	<20	0.01
382085		0.82	10	0.27	436	<1	0.06	7	240	<2	0.26	<5	2	68	<20	0.04
382086		3.90	30	0.83	170	2	0.44	51	150	86	1.06	<5	11	55	<20	0.25
382087		0.04	<10	0.04	239	<1	0.01	15	<10	<2	0.63	<5	<1	5	<20	<0.01
382088		3.32	<10	5.94	3090	42	0.23	10	680	11	0.20	<5	16	59	<20	0.48
382089		0.02	<10	0.01	208	<1	0.01	<1	10	<2	0.01	<5	<1	1	<20	<0.01
382090		0.08	<10	1.08	2190	<1	0.01	17	30	<2	0.02	<5	9	5	<20	<0.01
382091		1.65	<10	4.80	4280	<1	0.02	73	200	3	0.05	<5	21	62	<20	0.48
382092		0.05	<10	0.72	171	<1	0.01	13	10	<2	1.12	<5	4	1	<20	0.02
382093		0.23	20	1.28	1780	1	0.01	49	380	22	6.20	<5	3	3	<20	0.05
382094		1.17	20	0.17	46	10	0.05	402	170	43	>10.0	<5	5	8	<20	0.07
382095		1.08	30	1.34	2140	13	0.04	20	540	7	2.64	<5	6	12	<20	0.31
382096		0.02	10	1.01	2850	<1	<0.01	29	310	4	5.41	<5	<1	16	<20	<0.01
382097		0.01	<10	0.74	964	<1	0.01	12	150	5	3.08	<5	<1	40	<20	<0.01
382098		0.04	10	2.95	936	<1	<0.01	3	490	<2	0.11	7	2	7	<20	0.02
382099		0.01	<10	0.05	179	<1	<0.01	74	20	<2	4.27	<5	<1	2	<20	<0.01
382100		0.03	<10	0.11	262	<1	<0.01	<1	<10	<2	0.20	<5	<1	6	<20	<0.01
382556		0.01	<10	4.60	7800	<1	0.01	4	220	5	0.02	<5	<1	10	<20	0.01
382557		0.24	<10	3.31	4850	<1	0.01	13	250	2	0.13	<5	2	11	<20	0.05
382558		0.01	<10	1.06	3460	<1	<0.01	<1	40	<2	0.03	<5	<1	6	<20	<0.01
382559		0.02	<10	0.41	3350	<1	<0.01	<1	30	<2	0.04	<5	<1	10	<20	<0.01
382560		<0.01	<10	0.28	3580	1	<0.01	2	10	4	0.93	<5	<1	2	<20	<0.01
382561		0.01	<10	0.12	1065	5	<0.01	3	50	3	1.92	<5	<1	3	<20	<0.01
382562		3.11	30	1.27	267	9	1.67	47	710	21	0.06	8	17	100	<20	0.43
382563		3.20	30	1.11	277	<1	2.04	34	890	25	0.37	5	14	239	<20	0.39
382564		0.59	10	1.01	727	3	2.83	70	410	3	3.15	<5	32	103	<20	0.40
382565		0.38	<10	1.48	938	<1	2.94	13	1150	3	0.02	<5	18	316	<20	0.37
382566		0.33	<10	1.55	733	<1	0.87	23	310	4	<0.01	5	15	200	<20	0.16

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CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
382072		<10	10	221	<10	160	
382073		<10	<10	73	<10	60	
382074		<10	<10	4	<10	6	
382075		<10	<10	1	<10	5	
382076		<10	<10	898	<10	145	
382077		<10	<10	33	<10	13	
382078		<10	<10	3	<10	2	
382079		<10	10	2190	<10	370	
382080		<10	<10	61	<10	35	
382081		<10	<10	48	<10	137	
382082		<10	<10	59	<10	23	
382083		<10	<10	20	<10	10	
382084		<10	<10	1	<10	9	
382085		<10	<10	20	<10	14	
382086		<10	<10	123	<10	386	
382087		<10	<10	1	<10	3	
382088		20	20	2210	<10	176	
382089		<10	<10	5	<10	<2	
382090		<10	<10	82	<10	52	
382091		10	<10	259	<10	169	
382092		<10	<10	60	<10	56	
382093		<10	<10	28	<10	70	
382094		20	10	70	<10	1465	
382095		<10	<10	155	<10	85	
382096		<10	<10	12	<10	18	
382097		<10	<10	3	<10	12	
382098		<10	<10	76	<10	247	
382099		<10	<10	1	<10	959	
382100		<10	<10	6	<10	19	
382556		<10	<10	39	<10	9	
382557		<10	<10	54	<10	9	
382558		<10	<10	5	<10	3	
382559		<10	<10	4	<10	4	
382560		<10	<10	6	<10	2	
382561		<10	<10	2	<10	<2	
382562		<10	<10	118	<10	86	
382563		<10	<10	99	<10	80	
382564		<10	<10	244	<10	97	
382565		<10	<10	139	<10	53	
382566		<10	10	87	<10	33	

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382567		0.50	<0.005	<0.5	0.13	<5	10	<0.5	<2	0.04	<0.5	1	20	24	0.56	<10
382568		0.44	0.006	<0.5	7.68	6	50	<0.5	2	6.53	<0.5	25	164	8	4.86	20
382569		0.57	0.006	2.6	2.79	<5	50	<0.5	2	3.01	15.8	24	57	410	18.15	10
382570		0.38	<0.005	<0.5	0.11	5	10	1.6	<2	0.14	<0.5	4	6	1	26.6	<10
382571		0.56	0.007	<0.5	0.18	8	10	2.3	2	0.37	<0.5	16	3	49	34.7	<10
382572		0.58	0.005	4.6	1.08	<5	80	<0.5	13	0.26	5.3	30	29	43	2.87	<10
382573		0.51	<0.005	<0.5	0.60	6	20	1.0	<2	0.08	<0.5	3	8	156	32.1	<10
382574		0.65	0.014	<0.5	0.64	<5	60	<0.5	<2	0.35	<0.5	5	23	25	1.66	<10
382575		0.51	<0.005	<0.5	1.94	<5	130	0.5	<2	0.05	<0.5	4	27	19	2.82	10
382576		0.31	0.010	0.6	0.18	6	10	1.4	<2	0.12	<0.5	30	3	150	36.1	<10
382577		0.66	<0.005	<0.5	0.97	<5	60	<0.5	<2	0.01	<0.5	3	36	12	2.18	<10
382578		0.41	<0.005	<0.5	0.15	<5	20	1.9	<2	0.12	<0.5	2	7	<1	30.4	<10
382579		0.41	0.006	1.0	0.04	<5	10	<0.5	2	0.01	<0.5	22	16	205	24.7	<10
382580		0.46	<0.005	<0.5	0.10	6	10	2.1	<2	0.05	<0.5	1	4	2	28.9	<10
382581		0.35	<0.005	0.5	0.07	<5	10	<0.5	<2	0.01	<0.5	7	13	56	8.35	<10
382582		0.92	0.005	<0.5	0.26	9	20	0.5	<2	0.37	<0.5	3	6	18	30.7	10
382583		0.64	<0.005	0.6	0.03	<5	10	<0.5	<2	0.06	<0.5	9	10	23	8.25	<10
382584		0.50	<0.005	<0.5	0.50	6	50	0.9	<2	0.22	<0.5	8	14	11	35.5	10
382585		0.87	<0.005	<0.5	0.13	6	10	<0.5	<2	0.02	<0.5	6	21	22	10.45	<10
382586		0.71	0.009	<0.5	0.02	<5	<10	<0.5	<2	0.06	<0.5	66	24	202	6.52	<10
382587		0.77	<0.005	<0.5	0.60	<5	50	<0.5	<2	0.02	<0.5	3	21	7	3.06	<10
382588		0.50	<0.005	<0.5	2.29	<5	10	<0.5	<2	0.01	<0.5	5	19	32	4.96	10
382589		0.73	0.019	<0.5	0.13	<5	10	<0.5	<2	0.02	<0.5	7	18	45	4.18	<10
382590		0.74	<0.005	2.3	0.05	<5	<10	<0.5	5	0.10	<0.5	<1	31	5	0.61	<10
382591		0.83	<0.005	<0.5	0.36	<5	30	<0.5	<2	0.04	<0.5	10	18	32	5.47	<10
382592		0.97	<0.005	<0.5	0.23	<5	10	<0.5	2	8.74	1.0	8	5	24	25.2	<10
382593		0.41	<0.005	<0.5	0.07	<5	10	<0.5	<2	1.00	<0.5	5	11	46	7.77	<10
382594		0.44	0.008	<0.5	0.10	<5	10	<0.5	<2	2.47	<0.5	25	5	121	22.7	<10
382595		0.33	<0.005	<0.5	0.02	<5	<10	<0.5	<2	0.99	<0.5	4	6	58	11.10	<10
382596		0.33	<0.005	<0.5	0.02	<5	<10	<0.5	<2	3.90	<0.5	<1	2	3	9.95	<10
382597		0.42	<0.005	<0.5	<0.01	<5	<10	<0.5	<2	0.15	<0.5	<1	28	13	1.62	<10
382598		0.70	<0.005	<0.5	0.04	<5	<10	<0.5	<2	1.19	<0.5	<1	17	4	1.35	<10
382599		0.84	<0.005	<0.5	0.03	<5	10	<0.5	<2	0.05	<0.5	<1	26	3	0.69	<10
382600		0.47	<0.005	<0.5	0.33	<5	20	<0.5	<2	0.87	<0.5	4	14	<1	9.21	<10

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382567		0.05	<10	0.03	56	<1	0.02	2	60	2	0.05	<5	<1	3	<20	0.03
382568		0.24	<10	2.59	1135	<1	2.38	52	50	<2	0.01	<5	31	159	<20	0.44
382569		0.09	20	1.48	11300	116	0.11	255	2040	26	>10.0	<5	6	163	<20	0.10
382570		0.03	10	3.36	8490	<1	0.01	3	290	3	0.05	<5	<1	4	<20	0.02
382571		0.05	10	3.01	12050	<1	0.01	9	740	7	2.40	<5	<1	8	<20	0.01
382572		0.49	<10	0.09	2120	<1	0.05	12	40	881	0.76	<5	2	39	<20	0.03
382573		0.11	<10	3.16	3230	<1	0.02	4	230	8	1.21	<5	1	3	<20	0.02
382574		0.33	<10	0.11	787	<1	0.02	13	690	12	0.24	<5	1	58	<20	0.02
382575		1.02	10	0.13	272	<1	0.04	9	50	5	0.06	<5	3	12	<20	0.06
382576		0.04	10	2.60	8780	<1	0.02	13	430	14	4.50	<5	1	3	<20	0.02
382577		0.48	<10	0.09	209	<1	0.07	7	50	2	0.06	<5	1	9	<20	0.03
382578		0.06	<10	1.76	11450	<1	0.01	3	470	<2	0.03	<5	1	6	<20	0.02
382579		0.02	<10	0.02	275	<1	0.01	26	10	<2	>10.0	<5	<1	1	<20	<0.01
382580		0.04	<10	3.78	3350	<1	0.01	1	<10	4	0.30	<5	<1	2	<20	<0.01
382581		0.03	<10	0.02	184	<1	0.01	9	10	<2	4.26	<5	<1	2	<20	<0.01
382582		0.10	10	2.80	23500	<1	0.05	5	350	3	1.77	<5	<1	6	<20	0.01
382583		0.01	<10	0.02	282	<1	0.01	8	10	3	5.07	<5	<1	2	<20	<0.01
382584		0.16	10	2.16	4770	6	0.07	5	890	<2	0.29	<5	2	15	<20	0.03
382585		0.02	<10	1.14	1890	<1	0.01	7	30	2	0.82	<5	<1	2	<20	0.02
382586		0.01	<10	0.02	105	<1	0.01	35	10	4	4.56	<5	<1	10	<20	<0.01
382587		0.29	<10	0.08	2440	<1	0.02	11	60	7	0.08	<5	1	11	<20	0.02
382588		0.17	<10	1.24	716	<1	0.03	19	10	3	0.14	<5	1	1	<20	0.02
382589		0.07	<10	0.24	606	<1	0.01	11	<10	6	0.17	<5	<1	2	<20	0.01
382590		0.03	<10	0.04	111	<1	0.01	1	30	1065	0.03	<5	<1	11	<20	<0.01
382591		0.19	<10	0.68	965	<1	0.02	14	30	10	0.34	<5	1	6	<20	0.02
382592		0.03	30	5.36	5310	<1	<0.01	20	1110	7	1.84	<5	1	77	<20	0.02
382593		0.02	<10	0.74	1305	<1	0.01	16	40	5	1.67	<5	<1	10	<20	<0.01
382594		0.01	<10	1.15	2480	<1	<0.01	74	230	<2	6.85	<5	<1	22	<20	0.01
382595		<0.01	<10	0.43	1570	<1	<0.01	8	80	<2	2.31	<5	<1	8	<20	<0.01
382596		<0.01	<10	1.78	1965	<1	<0.01	1	50	<2	0.13	<5	<1	29	<20	<0.01
382597		<0.01	<10	0.09	284	<1	<0.01	<1	10	<2	0.32	<5	<1	2	<20	<0.01
382598		0.02	<10	0.27	1335	<1	0.01	1	60	5	0.02	<5	<1	36	<20	0.01
382599		0.02	<10	0.01	86	<1	0.01	1	30	5	0.01	<5	<1	4	<20	<0.01
382600		0.10	<10	1.59	4220	<1	0.03	8	150	3	<0.01	<5	1	25	<20	0.02

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2	Zn- OG62 Zn % 0.001
382567		<10	<10	2	<10	3	
382568		<10	<10	201	<10	63	
382569		<10	60	1015	<10	1865	
382570		<10	<10	10	<10	32	
382571		<10	<10	28	<10	30	
382572		<10	<10	13	<10	231	
382573		<10	<10	55	<10	35	
382574		<10	<10	9	<10	9	
382575		<10	<10	16	<10	26	
382576		<10	<10	44	<10	25	
382577		<10	<10	8	<10	16	
382578		<10	<10	16	<10	75	
382579		<10	<10	1	<10	<2	
382580		<10	<10	5	<10	126	
382581		<10	<10	1	<10	3	
382582		<10	<10	16	<10	72	
382583		<10	<10	<1	<10	<2	
382584		<10	<10	43	<10	66	
382585		<10	<10	9	<10	29	
382586		<10	<10	<1	<10	18	
382587		<10	<10	5	<10	33	
382588		<10	<10	21	<10	99	
382589		<10	<10	2	<10	27	
382590		<10	<10	1	<10	5	
382591		<10	<10	3	<10	50	
382592		<10	<10	23	<10	52	
382593		<10	<10	6	<10	15	
382594		<10	<10	14	<10	32	
382595		<10	<10	3	<10	27	
382596		<10	<10	4	<10	19	
382597		<10	<10	<1	<10	9	
382598		<10	<10	3	<10	6	
382599		<10	<10	<1	<10	2	
382600		<10	<10	21	<10	12	

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Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129611

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61	ME- OG62	Zn- OG62

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129610

Projet: KAN

Bon de commande #: KAN- 023

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 12- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129610

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
310591		3.34	<0.005	<0.5	0.07	<5	10	<0.5	<2	1.63	0.9	5	4	<1	25.5	<10
310592		3.21	<0.005	<0.5	0.34	<5	20	<0.5	<2	1.67	<0.5	2	10	2	15.10	<10
310593		4.52	<0.005	<0.5	0.05	<5	10	0.5	<2	1.73	0.5	5	5	<1	21.1	<10
310594		3.52	0.054	<0.5	0.04	<5	10	<0.5	<2	1.26	0.7	4	8	<1	22.9	<10
310595		2.47	0.311	<0.5	0.07	<5	10	<0.5	<2	1.31	0.5	5	10	<1	25.1	<10
310596		4.25	0.131	<0.5	0.16	<5	10	0.5	<2	1.07	<0.5	8	6	5	27.1	<10
310597		3.37	0.115	<0.5	0.04	<5	10	<0.5	<2	1.24	0.5	4	3	2	24.3	<10
310598		3.57	0.023	<0.5	0.06	<5	10	<0.5	<2	1.71	<0.5	7	4	<1	23.0	<10
310599		2.69	0.026	<0.5	0.06	<5	10	<0.5	3	1.36	0.6	3	4	<1	23.1	<10
310600		0.05	3.46	<0.5	7.67	<5	160	3.8	5	2.84	<0.5	25	86	36	4.04	20
310701		2.81	0.100	<0.5	0.13	9	10	<0.5	<2	0.94	<0.5	8	7	1	25.5	<10
310702		3.24	0.006	<0.5	0.27	5	<10	0.6	<2	1.27	0.6	5	11	2	20.5	<10
310703		3.36	0.006	<0.5	0.04	<5	10	0.5	<2	1.25	<0.5	3	3	1	21.8	<10
310704		1.96	0.006	<0.5	0.06	<5	10	<0.5	<2	1.59	<0.5	8	2	10	26.4	<10
310705		0.23	0.005	<0.5	0.09	<5	180	<0.5	<2	18.2	<0.5	<1	1	<1	0.30	<10
310706		4.45	0.006	<0.5	0.04	<5	10	<0.5	2	1.16	<0.5	6	3	6	25.8	<10
310707		3.45	0.025	<0.5	0.07	5	10	0.9	5	1.28	<0.5	6	4	1	26.6	<10
310708		2.12	0.865	<0.5	0.14	<5	10	<0.5	<2	1.49	<0.5	6	12	6	14.35	<10
310709		3.62	0.013	<0.5	0.08	<5	10	0.9	5	1.27	<0.5	5	7	<1	21.9	<10
310710		2.65	<0.005	<0.5	0.03	<5	10	<0.5	<2	1.20	<0.5	4	7	<1	20.1	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129610

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
310591		0.02	<10	3.73	5540	<1	<0.01	<1	90	<2	0.02	<5	<1	29	<20	<0.01
310592		0.04	10	2.05	3290	<1	<0.01	<1	50	<2	0.02	<5	<1	28	<20	<0.01
310593		0.01	<10	3.20	4450	<1	<0.01	1	80	<2	0.01	<5	<1	21	<20	<0.01
310594		0.02	<10	3.31	4730	<1	<0.01	<1	80	<2	0.12	<5	<1	17	<20	<0.01
310595		0.03	10	3.04	6790	<1	<0.01	<1	180	<2	0.07	<5	<1	19	<20	0.01
310596		0.05	10	3.03	9560	<1	0.01	6	280	10	0.10	<5	<1	14	<20	0.01
310597		0.01	<10	3.57	6090	<1	<0.01	<1	70	<2	0.03	<5	<1	17	<20	<0.01
310598		0.02	<10	3.58	3780	<1	<0.01	<1	100	<2	0.03	<5	<1	25	<20	<0.01
310599		0.02	<10	3.15	5250	<1	<0.01	<1	100	<2	0.04	<5	<1	21	<20	<0.01
310600		4.11	10	2.29	571	<1	3.28	92	1350	33	0.02	<5	6	350	<20	0.68
310701		0.05	10	2.90	8300	<1	0.01	3	390	<2	0.07	<5	<1	10	<20	0.01
310702		<0.01	10	2.14	11300	<1	<0.01	1	440	<2	0.05	<5	1	10	<20	0.03
310703		0.02	<10	2.47	5120	<1	<0.01	<1	90	<2	0.08	<5	<1	14	<20	<0.01
310704		0.02	<10	2.29	5260	<1	0.01	1	110	<2	0.65	<5	<1	23	<20	<0.01
310705		0.05	<10	12.30	375	<1	0.08	2	40	2	<0.01	<5	<1	137	<20	<0.01
310706		0.02	<10	2.99	6760	<1	<0.01	1	110	<2	0.18	<5	<1	13	<20	<0.01
310707		0.02	10	3.51	6710	<1	0.01	1	100	<2	0.23	<5	<1	20	<20	<0.01
310708		0.02	<10	1.59	3230	<1	0.01	<1	90	<2	0.73	<5	<1	39	<20	<0.01
310709		0.01	<10	2.97	3740	<1	<0.01	1	60	5	0.08	<5	<1	22	<20	<0.01
310710		0.01	<10	2.23	3390	<1	<0.01	<1	70	<2	0.01	<5	<1	17	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129610

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
310591		<10	<10	10	<10	11
310592		<10	<10	37	<10	15
310593		<10	<10	8	<10	6
310594		<10	<10	8	<10	13
310595		<10	<10	9	<10	12
310596		<10	<10	17	<10	13
310597		<10	<10	8	<10	11
310598		<10	<10	9	<10	10
310599		<10	<10	8	<10	10
310600		10	<10	84	<10	51
310701		<10	<10	12	<10	4
310702		<10	<10	19	<10	5
310703		<10	<10	8	<10	3
310704		<10	<10	10	<10	6
310705		<10	10	3	<10	21
310706		<10	<10	10	<10	11
310707		<10	<10	11	<10	12
310708		<10	<10	11	<10	21
310709		<10	<10	7	<10	12
310710		<10	<10	6	<10	5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129610

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129609

Projet: KAN

Bon de commande #: KAN- 021

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	MATHIEU SAVARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129609

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
310551		3.41	0.011	<0.5	0.14	<5	<10	<0.5	2	9.61	0.9	<1	9	2	14.70	<10
310552		2.72	0.007	<0.5	0.25	<5	10	<0.5	4	3.87	0.5	1	12	2	18.20	<10
310553		4.07	0.005	<0.5	0.34	<5	10	<0.5	3	5.50	<0.5	3	15	1	12.05	<10
310554		3.64	<0.005	<0.5	0.23	<5	10	<0.5	4	6.66	<0.5	3	11	1	12.90	<10
310555		2.62	0.006	<0.5	0.11	<5	10	<0.5	<2	4.61	<0.5	2	13	<1	11.65	<10
310556		6.79	<0.005	<0.5	0.19	<5	10	<0.5	2	7.08	0.5	1	8	1	13.55	<10
310557		2.87	<0.005	<0.5	0.13	<5	10	0.5	<2	6.84	0.6	1	8	<1	15.45	<10
310558		3.20	<0.005	<0.5	0.08	<5	10	<0.5	<2	5.44	0.5	2	10	1	11.10	<10
310559		4.30	<0.005	<0.5	0.17	<5	10	<0.5	<2	5.57	<0.5	3	11	2	12.35	<10
310560		0.05	3.57	<0.5	7.92	<5	160	3.9	5	2.86	<0.5	26	88	37	4.13	20
310561		4.78	<0.005	<0.5	0.20	<5	<10	<0.5	<2	9.00	<0.5	<1	14	<1	10.05	<10
310562		3.54	<0.005	<0.5	0.25	<5	<10	<0.5	3	10.95	<0.5	<1	61	<1	11.10	<10
310563		5.30	<0.005	<0.5	0.30	<5	10	<0.5	<2	7.28	0.6	3	11	3	14.10	<10
310564		3.54	0.035	<0.5	0.22	<5	10	<0.5	<2	9.58	0.6	2	8	1	14.70	<10
310565		0.27	<0.005	<0.5	0.05	<5	60	<0.5	<2	16.8	<0.5	<1	2	<1	0.35	<10
310566		3.82	0.677	<0.5	0.34	<5	10	<0.5	<2	7.42	0.7	5	12	5	15.70	<10
310567		4.65	0.019	<0.5	0.32	<5	<10	<0.5	<2	5.57	0.9	5	27	3	17.40	<10
310568		4.03	<0.005	<0.5	0.13	<5	10	<0.5	<2	5.77	0.6	4	13	2	11.85	<10
310569		3.55	<0.005	<0.5	0.25	<5	20	<0.5	<2	8.78	0.6	4	13	1	13.50	<10
310570		3.19	0.015	<0.5	0.16	<5	20	<0.5	<2	3.49	0.5	4	17	4	11.40	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129609

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
310551		0.01	<10	4.51	6570	<1	<0.01	1	330	4	0.08	<5	<1	105	<20	0.01
310552		0.02	10	2.49	8810	<1	<0.01	3	480	<2	0.08	<5	1	32	<20	0.02
310553		0.04	10	2.91	6320	<1	<0.01	2	530	<2	0.02	<5	1	37	<20	0.01
310554		0.05	10	3.29	6880	<1	<0.01	4	420	5	0.05	<5	1	44	<20	0.01
310555		0.02	<10	2.45	5800	<1	<0.01	1	540	<2	0.04	<5	<1	29	<20	0.01
310556		0.03	<10	3.52	6650	<1	<0.01	5	260	2	0.08	<5	<1	83	<20	0.01
310557		0.02	10	3.57	7410	<1	<0.01	1	340	3	0.05	<5	<1	50	<20	0.01
310558		0.02	<10	2.84	5600	<1	<0.01	1	310	3	0.08	<5	<1	34	<20	0.01
310559		0.02	<10	3.11	6070	<1	<0.01	2	230	2	0.08	<5	<1	38	<20	0.02
310560		4.25	10	2.34	580	<1	3.40	93	1350	37	0.02	<5	7	360	<20	0.69
310561		0.01	<10	4.19	6140	<1	<0.01	2	210	<2	0.01	<5	1	100	<20	0.02
310562		0.01	<10	4.94	8080	<1	<0.01	3	190	5	<0.01	<5	1	144	<20	0.02
310563		0.01	10	4.02	10450	<1	<0.01	4	370	3	0.06	<5	1	60	<20	0.02
310564		0.04	<10	4.27	7310	<1	<0.01	2	330	3	0.08	<5	<1	123	<20	0.01
310565		0.05	<10	12.30	414	<1	0.07	<1	40	4	<0.01	<5	<1	112	<20	<0.01
310566		0.05	<10	3.60	7680	1	<0.01	4	330	3	0.15	5	1	94	<20	0.02
310567		0.02	<10	3.07	8680	<1	<0.01	5	520	2	0.09	<5	1	53	<20	0.03
310568		0.01	<10	2.49	5960	<1	<0.01	2	370	<2	0.04	5	<1	36	<20	0.01
310569		0.03	<10	4.18	7000	<1	<0.01	3	290	4	0.03	<5	1	75	<20	0.03
310570		0.02	<10	2.30	4800	<1	<0.01	3	300	3	0.10	<5	<1	25	<20	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129609

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
310551		<10	<10	14	<10	23
310552		<10	<10	18	<10	25
310553		<10	<10	21	<10	10
310554		<10	<10	15	<10	8
310555		<10	<10	7	<10	4
310556		<10	<10	15	<10	16
310557		<10	<10	11	<10	15
310558		<10	<10	7	<10	6
310559		<10	<10	11	<10	4
310560		<10	<10	87	<10	53
310561		<10	<10	14	<10	5
310562		<10	<10	16	<10	7
310563		<10	<10	17	<10	6
310564		<10	<10	16	<10	11
310565		<10	<10	3	<10	26
310566		<10	<10	22	<10	14
310567		<10	<10	19	<10	29
310568		<10	<10	8	<10	6
310569		<10	<10	17	<10	7
310570		<10	<10	11	<10	5

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129609

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129608

Projet: KAN

Bon de commande #: KAN- 019

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129608

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382961		4.66	<0.005	<0.5	0.34	7	20	1.0	<2	0.91	<0.5	7	14	2	23.0	<10
382962		4.47	<0.005	<0.5	0.22	<5	10	0.6	<2	1.17	<0.5	5	8	1	26.2	<10
382963		3.54	0.127	<0.5	0.07	<5	10	<0.5	<2	0.32	<0.5	2	7	6	11.05	<10
382964		3.80	0.133	<0.5	0.12	<5	10	<0.5	<2	1.01	<0.5	4	6	2	26.5	<10
382965		3.68	2.40	<0.5	0.11	<5	10	<0.5	2	0.97	<0.5	3	11	6	16.20	<10
382966		2.40	0.007	<0.5	0.13	11	10	<0.5	<2	1.29	0.5	4	7	3	22.5	<10
382967		4.08	2.46	<0.5	0.04	<5	<10	<0.5	3	1.19	<0.5	<1	10	<1	14.35	<10
382968		4.50	0.052	<0.5	0.21	<5	20	0.7	<2	2.26	<0.5	4	9	1	23.4	<10
382969		1.74	0.217	<0.5	0.08	<5	<10	<0.5	<2	0.26	<0.5	2	14	6	8.26	<10
382970		0.05	1.310	0.7	8.09	97	120	4.5	3	2.31	2.7	18	61	60	5.15	30
382971		3.75	<0.005	<0.5	0.16	<5	10	0.6	<2	1.76	<0.5	3	20	3	18.65	<10
382972		2.77	<0.005	<0.5	0.11	<5	10	<0.5	<2	1.74	<0.5	3	6	3	17.55	<10
382973		4.86	<0.005	<0.5	0.05	<5	<10	<0.5	<2	0.02	<0.5	1	24	7	1.26	<10
382974		5.36	0.005	<0.5	0.09	<5	<10	<0.5	<2	0.01	<0.5	1	36	12	1.56	<10
382975		0.38	<0.005	<0.5	0.04	<5	100	<0.5	<2	17.8	<0.5	<1	4	1	0.24	<10
382976		1.59	<0.005	<0.5	6.17	5	100	1.1	4	0.05	<0.5	10	57	42	11.30	20
382977		2.69	0.025	<0.5	7.45	<5	510	3.4	2	0.01	<0.5	1	102	43	5.37	30
382978		2.98	<0.005	<0.5	0.08	<5	<10	<0.5	<2	0.04	<0.5	<1	24	17	1.58	<10
382979		4.09	<0.005	<0.5	0.06	<5	<10	<0.5	<2	0.04	<0.5	2	30	27	1.97	<10
382980		3.54	<0.005	<0.5	0.07	<5	<10	<0.5	<2	0.03	<0.5	3	36	18	1.94	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129608

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382961		0.07	10	2.66	11200	<1	0.01	6	450	5	0.12	<5	1	14	<20	0.03
382962		0.07	10	3.30	10550	<1	0.01	4	450	4	0.11	<5	1	15	<20	0.02
382963		0.02	<10	0.36	3520	<1	<0.01	3	210	2	0.13	<5	<1	7	<20	<0.01
382964		0.03	10	2.43	9720	<1	<0.01	3	340	5	0.13	<5	<1	15	<20	0.01
382965		0.02	<10	1.28	5230	<1	<0.01	4	210	6	0.43	<5	<1	21	<20	<0.01
382966		0.03	10	2.21	7690	<1	<0.01	4	310	6	0.29	<5	<1	18	<20	0.01
382967		0.02	<10	1.88	3720	<1	<0.01	2	80	3	<0.01	<5	<1	15	<20	<0.01
382968		0.08	<10	2.97	7190	<1	0.02	4	210	5	0.06	<5	<1	32	<20	0.01
382969		0.01	10	0.38	2860	<1	0.01	3	210	<2	0.04	<5	<1	7	<20	<0.01
382970		4.25	10	1.72	447	1	3.62	66	950	144	2.70	12	5	261	<20	0.49
382971		0.05	10	1.90	6100	<1	0.01	5	1320	4	0.19	<5	<1	28	<20	0.01
382972		0.02	<10	2.18	4520	<1	0.01	3	130	2	0.40	6	<1	25	<20	<0.01
382973		0.01	<10	0.03	110	<1	0.01	2	90	<2	0.17	<5	<1	3	<20	<0.01
382974		0.01	<10	0.06	124	1	0.01	4	10	<2	0.31	<5	<1	2	<20	<0.01
382975		0.03	<10	12.80	386	<1	0.04	<1	50	3	<0.01	<5	<1	155	<20	<0.01
382976		0.56	90	4.50	492	21	0.03	10	470	8	0.62	7	9	7	<20	0.15
382977		3.28	50	0.95	117	22	0.13	4	180	23	1.09	15	15	17	<20	0.26
382978		0.02	<10	0.06	97	2	0.01	5	90	<2	0.47	<5	<1	1	<20	<0.01
382979		0.01	<10	0.05	133	3	0.01	8	<10	<2	0.71	<5	<1	2	<20	<0.01
382980		0.01	<10	0.04	118	8	0.01	10	110	<2	0.69	<5	<1	2	<20	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129608

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382961		<10	<10	22	<10	4
382962		<10	<10	17	<10	5
382963		<10	<10	7	<10	5
382964		<10	<10	11	<10	10
382965		<10	<10	9	<10	20
382966		<10	<10	12	<10	9
382967		<10	<10	7	<10	4
382968		<10	<10	15	<10	6
382969		<10	<10	6	<10	14
382970		<10	<10	63	<10	232
382971		<10	<10	15	<10	10
382972		<10	<10	9	<10	7
382973		<10	<10	2	<10	<2
382974		<10	<10	3	<10	4
382975		<10	<10	3	<10	33
382976		<10	<10	227	10	192
382977		<10	<10	287	10	36
382978		<10	<10	4	<10	3
382979		<10	<10	3	<10	2
382980		<10	<10	4	<10	4

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129608

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129607

Projet: KAN

Bon de commande #: KAN- 018

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129607

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382941		2.63	2.09	<0.5	0.64	<5	40	<0.5	<2	0.09	<0.5	4	27	38	6.18	<10
382942		2.43	5.83	<0.5	0.04	<5	10	<0.5	<2	0.02	<0.5	<1	28	9	1.00	<10
382943		1.75	2.77	<0.5	0.04	<5	10	<0.5	<2	0.06	<0.5	<1	23	8	1.00	<10
382944		4.75	0.073	<0.5	0.23	<5	30	0.5	3	1.93	<0.5	2	6	2	25.1	<10
382945		2.86	<0.005	<0.5	0.60	<5	60	0.6	<2	2.99	<0.5	2	10	<1	37.0	10
382946		4.37	0.007	<0.5	0.22	<5	20	<0.5	<2	4.69	1.2	4	5	2	18.30	<10
382947		2.69	2.16	4.0	0.26	<5	20	<0.5	2	2.28	0.7	6	8	14	23.0	<10
382948		5.30	0.762	<0.5	0.44	<5	20	<0.5	<2	0.43	0.6	4	9	23	28.9	<10
382949		2.61	0.832	1.6	0.74	<5	30	<0.5	2	0.21	<0.5	6	16	77	28.9	10
382950		0.07	0.487	1.1	7.57	101	120	4.3	<2	2.20	2.5	20	62	63	5.02	30
382951		3.64	5.52	0.9	0.94	<5	30	<0.5	7	0.23	0.5	14	17	164	25.9	10
382952		4.92	0.057	<0.5	0.93	<5	20	<0.5	4	2.58	<0.5	17	17	134	24.1	10
382953		2.90	0.009	<0.5	0.41	96	<10	<0.5	<2	3.39	<0.5	9	8	65	13.15	<10
382954		2.17	0.015	<0.5	1.84	<5	10	<0.5	<2	0.18	<0.5	9	8	105	16.30	<10
382955		0.37	0.006	<0.5	0.04	<5	60	<0.5	3	17.4	<0.5	<1	1	3	0.22	<10
382956		2.77	<0.005	<0.5	0.55	<5	<10	<0.5	<2	3.99	<0.5	9	6	149	17.50	10
382957		4.53	0.225	<0.5	0.46	<5	20	<0.5	3	2.12	0.9	7	10	83	20.0	<10
382958		5.02	7.69	<0.5	0.62	<5	20	<0.5	5	2.65	0.8	4	9	52	24.7	10
382959		5.62	2.18	<0.5	0.42	<5	10	<0.5	7	1.44	0.5	7	8	45	24.1	<10
382960		5.31	5.99	0.6	0.54	<5	10	<0.5	6	0.63	0.5	11	9	93	27.1	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129607

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382941		0.07	<10	0.17	644	<1	0.06	6	230	3	0.23	<5	1	7	<20	0.02
382942		0.01	<10	0.01	114	<1	<0.01	1	30	3	0.07	<5	<1	1	<20	<0.01
382943		0.01	<10	0.01	82	<1	<0.01	<1	20	<2	0.15	<5	<1	2	<20	<0.01
382944		0.11	10	1.70	10250	<1	0.02	2	390	<2	0.33	<5	<1	26	<20	0.02
382945		0.29	10	1.56	5280	<1	0.05	6	430	<2	0.02	<5	1	45	<20	0.04
382946		0.11	10	1.72	8170	<1	0.01	<1	420	3	0.24	<5	<1	72	<20	0.01
382947		0.08	10	1.72	8780	<1	<0.01	3	300	3	0.72	<5	1	36	<20	0.02
382948		0.08	10	1.70	10100	<1	<0.01	7	580	2	0.79	<5	1	7	<20	0.03
382949		0.11	10	0.84	6230	<1	<0.01	10	970	2	0.76	<5	1	6	<20	0.05
382950		4.02	10	1.68	445	1	3.46	72	930	158	2.64	7	5	251	<20	0.48
382951		0.15	10	1.36	5340	<1	<0.01	28	850	11	3.03	<5	2	6	<20	0.05
382952		0.13	10	1.76	6440	<1	<0.01	29	380	10	7.93	5	2	54	<20	0.04
382953		0.01	10	1.02	5800	<1	<0.01	13	320	6	4.59	<5	1	75	<20	0.01
382954		0.01	<10	0.85	1020	<1	<0.01	22	30	<2	6.51	<5	4	5	<20	0.01
382955		0.03	<10	12.90	383	<1	0.03	<1	40	4	0.05	<5	<1	130	<20	<0.01
382956		<0.01	10	0.64	5310	<1	<0.01	18	270	6	4.51	<5	1	62	<20	0.01
382957		0.11	10	1.70	8040	<1	<0.01	14	480	9	4.07	<5	1	41	<20	0.03
382958		0.12	10	2.33	6910	<1	<0.01	9	540	6	3.56	<5	1	50	<20	0.04
382959		0.05	10	1.67	6490	<1	<0.01	7	410	8	2.85	<5	1	27	<20	0.02
382960		0.06	10	1.40	5720	<1	<0.01	22	430	7	5.19	<5	1	11	<20	0.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129607

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382941		<10	<10	8	<10	51
382942		<10	<10	1	<10	3
382943		<10	<10	1	<10	2
382944		<10	<10	22	<10	88
382945		<10	<10	103	<10	113
382946		<10	<10	6	<10	91
382947		<10	<10	8	<10	131
382948		<10	<10	28	<10	148
382949		<10	<10	59	<10	137
382950		<10	<10	62	<10	233
382951		<10	<10	76	<10	157
382952		<10	<10	66	<10	106
382953		<10	<10	17	<10	36
382954		<10	<10	68	<10	101
382955		<10	<10	3	<10	26
382956		<10	<10	28	<10	41
382957		<10	<10	30	<10	102
382958		<10	<10	33	<10	158
382959		<10	<10	27	<10	166
382960		<10	<10	40	<10	142

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Finalisée date: 18- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129607

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129602

Projet: KAN

Bon de commande #: KAN- 017

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129602

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382921		4.39	<0.005	<0.5	0.34	<5	20	0.5	<2	0.79	0.5	6	17	3	14.80	<10
382922		4.41	0.006	<0.5	0.42	<5	10	0.5	<2	2.30	0.5	7	18	3	18.50	<10
382923		5.68	<0.005	<0.5	0.27	<5	10	<0.5	<2	4.42	0.5	5	12	2	14.70	<10
382924		5.09	0.005	<0.5	0.20	<5	10	<0.5	<2	5.36	0.5	3	8	1	14.15	<10
382925		2.09	0.006	<0.5	0.32	<5	10	<0.5	<2	3.50	0.5	6	12	4	13.00	<10
382926		3.07	<0.005	<0.5	0.30	<5	10	<0.5	<2	2.99	0.5	5	13	3	14.45	<10
382927		2.81	0.005	<0.5	0.34	<5	10	<0.5	<2	1.10	<0.5	6	11	2	16.35	<10
382928		1.41	<0.005	<0.5	0.36	<5	20	0.6	<2	0.65	<0.5	9	12	3	18.85	<10
382929		3.67	<0.005	<0.5	0.81	17	20	0.9	<2	2.46	0.6	18	25	7	15.50	<10
382930		0.07	1.225	1.2	8.01	103	120	4.5	4	2.33	2.5	20	61	63	5.34	20
382931		4.03	<0.005	<0.5	0.35	<5	<10	<0.5	<2	9.80	0.7	7	12	3	12.50	<10
382932		3.59	<0.005	<0.5	0.98	<5	<10	<0.5	<2	10.60	0.8	8	21	10	15.95	<10
382933		1.83	<0.005	<0.5	0.95	7	<10	<0.5	<2	4.34	0.5	7	16	3	12.50	<10
382934		3.87	<0.005	<0.5	0.34	<5	10	<0.5	<2	12.65	0.6	5	12	2	12.25	<10
382935		0.40	0.007	<0.5	0.06	<5	100	<0.5	<2	18.1	<0.5	1	1	1	0.39	<10
382936		2.64	0.011	<0.5	0.35	<5	40	<0.5	<2	0.05	<0.5	<1	19	5	1.79	<10
382937		Not Recvd														
382938		0.97	0.202	<0.5	1.46	<5	100	<0.5	<2	0.12	<0.5	6	26	35	14.25	10
382939		3.22	0.008	<0.5	0.03	<5	<10	<0.5	<2	0.05	<0.5	<1	45	2	0.96	<10
382940		1.96	0.535	<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	2	26	16	1.21	<10

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Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129602

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382921		0.10	<10	1.75	11050	<1	0.01	5	430	<2	0.05	<5	1	7	<20	0.04
382922		0.08	<10	2.58	13000	<1	<0.01	5	430	<2	0.04	<5	1	15	<20	0.05
382923		0.09	<10	3.13	9050	<1	<0.01	2	260	5	0.03	<5	1	27	<20	0.04
382924		0.10	<10	3.37	9120	<1	0.01	1	300	2	0.02	5	1	33	<20	0.03
382925		0.11	<10	1.88	10250	<1	0.01	4	380	<2	0.03	<5	1	23	<20	0.04
382926		0.06	<10	1.83	10050	<1	0.01	3	300	<2	0.03	<5	1	20	<20	0.04
382927		0.06	<10	1.77	10250	<1	0.02	3	340	2	0.03	5	1	13	<20	0.05
382928		0.11	<10	1.00	13200	<1	0.01	4	400	2	0.03	<5	1	11	<20	0.05
382929		0.25	10	3.52	3630	<1	<0.01	20	640	2	0.05	<5	3	24	<20	0.11
382930		4.37	10	1.82	464	<1	3.72	72	1000	155	2.77	8	5	272	<20	0.50
382931		0.03	<10	4.94	4730	<1	0.01	5	300	2	0.02	6	2	100	<20	0.04
382932		0.03	10	5.81	6430	<1	0.01	4	840	5	0.04	<5	3	128	<20	0.10
382933		0.01	<10	2.89	4540	<1	0.01	5	470	<2	0.02	5	1	57	<20	0.05
382934		0.13	<10	5.89	9160	<1	0.01	3	440	7	0.01	<5	1	71	<20	0.05
382935		0.03	<10	12.85	514	<1	0.04	<1	60	26	<0.01	<5	<1	150	<20	<0.01
382936		0.14	<10	0.14	143	<1	0.01	1	30	<2	0.10	<5	<1	2	<20	0.02
382937																
382938		0.27	<10	0.58	1605	<1	0.10	8	340	5	0.05	<5	2	13	<20	0.04
382939		0.01	<10	0.04	131	<1	<0.01	<1	10	<2	0.01	<5	<1	1	<20	<0.01
382940		0.01	<10	0.01	67	<1	<0.01	2	30	<2	0.36	<5	<1	<1	<20	<0.01

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129602

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382921		<10	<10	26	<10	7
382922		<10	<10	34	<10	9
382923		<10	<10	24	<10	6
382924		<10	<10	19	<10	7
382925		<10	<10	29	<10	8
382926		<10	<10	26	<10	8
382927		<10	<10	24	<10	8
382928		<10	<10	28	<10	9
382929		<10	<10	59	<10	13
382930		<10	<10	64	<10	238
382931		<10	<10	32	<10	11
382932		<10	<10	65	<10	23
382933		<10	<10	62	<10	14
382934		<10	<10	27	<10	7
382935		<10	<10	3	<10	29
382936		<10	<10	9	<10	12
382937						
382938		<10	<10	22	<10	87
382939		<10	<10	1	<10	<2
382940		<10	<10	1	<10	<2

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Projet: KAN

CERTIFICAT D'ANALYSE VO15129602

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129580

Projet: KAN

Bon de commande #: KAN- 016

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
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BUREAU 200
QUEBEC QC G1K 7R1

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Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129580

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382901		3.89	0.014	<0.5	0.32	<5	10	<0.5	4	5.77	<0.5	3	21	3	8.49	<10
382902		2.77	0.006	<0.5	0.70	<5	10	0.5	2	9.79	0.5	3	16	2	16.70	<10
382903		4.05	<0.005	<0.5	0.43	<5	10	<0.5	3	11.75	<0.5	3	12	<1	12.60	<10
382904		4.17	<0.005	<0.5	0.27	<5	10	<0.5	5	9.24	<0.5	<1	11	<1	9.82	<10
382905		3.46	0.005	<0.5	0.20	<5	10	<0.5	<2	7.13	<0.5	<1	13	<1	8.31	<10
382906		4.47	<0.005	<0.5	0.16	<5	<10	<0.5	<2	5.15	<0.5	<1	11	1	8.91	<10
382907		3.11	<0.005	<0.5	0.27	<5	10	<0.5	<2	7.28	<0.5	<1	18	<1	7.49	<10
382908		4.38	0.007	<0.5	0.51	<5	10	<0.5	6	3.75	<0.5	6	21	5	15.20	<10
382909		4.25	<0.005	<0.5	0.42	5	10	0.6	<2	4.16	<0.5	7	17	43	17.85	<10
382910		0.06	1.315	0.8	7.28	96	110	4.4	9	2.21	2.7	18	62	59	5.22	20
382911		2.87	0.009	<0.5	0.24	56	10	<0.5	<2	6.30	<0.5	27	13	5	10.25	<10
382912		1.78	0.006	<0.5	0.30	<5	20	0.5	<2	6.80	<0.5	3	10	3	13.15	<10
382913		2.54	<0.005	<0.5	0.26	<5	20	0.5	6	8.31	<0.5	1	14	2	13.80	<10
382914		3.36	<0.005	<0.5	0.21	<5	10	<0.5	5	2.77	<0.5	2	14	2	9.94	<10
382915		0.37	<0.005	<0.5	0.04	<5	150	<0.5	<2	16.7	<0.5	<1	3	<1	0.38	<10
382916		3.18	<0.005	<0.5	0.32	<5	10	<0.5	9	6.00	<0.5	3	15	4	14.80	<10
382917		1.98	0.012	<0.5	0.36	<5	20	236	4	7.20	<0.5	1	19	4	11.50	<10
382918		3.17	0.028	<0.5	0.16	6	10	<0.5	7	2.09	<0.5	2	12	3	13.10	<10
382919		3.69	0.005	<0.5	0.12	<5	10	<0.5	<2	0.48	<0.5	2	18	1	8.35	<10
382920		3.99	0.017	<0.5	0.17	<5	10	0.7	<2	1.05	<0.5	2	17	1	12.65	<10

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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129580

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382901		0.04	<10	2.92	2680	<1	<0.01	3	290	2	0.04	<5	1	58	<20	0.04
382902		0.11	10	5.44	6900	1	<0.01	8	560	3	0.02	<5	2	83	<20	0.07
382903		0.06	<10	5.55	3890	<1	<0.01	5	270	4	<0.01	<5	1	102	<20	0.04
382904		0.04	<10	4.07	3680	<1	<0.01	2	220	4	<0.01	<5	1	112	<20	0.03
382905		0.04	<10	3.10	3410	<1	<0.01	3	230	2	<0.01	<5	1	70	<20	0.02
382906		0.01	<10	2.60	4740	<1	<0.01	2	180	5	0.01	<5	1	48	<20	0.02
382907		0.05	<10	3.20	3560	<1	<0.01	2	180	<2	<0.01	<5	1	53	<20	0.03
382908		0.14	<10	3.28	6130	<1	0.01	9	490	5	0.03	<5	3	24	<20	0.07
382909		0.16	10	4.00	5890	<1	0.01	11	500	6	0.23	<5	1	25	<20	0.07
382910		4.12	10	1.71	436	<1	3.54	67	930	140	2.67	<5	5	241	<20	0.48
382911		0.10	<10	3.02	10050	1	0.03	45	290	4	0.09	<5	1	34	<20	0.03
382912		0.12	10	3.42	10050	<1	0.02	6	430	3	0.06	<5	1	31	<20	0.04
382913		0.12	<10	4.12	9620	<1	0.02	5	390	7	0.05	<5	1	37	<20	0.04
382914		0.06	<10	1.91	5920	<1	<0.01	3	240	<2	0.03	<5	<1	16	<20	0.03
382915		0.04	<10	12.25	394	<1	0.06	<1	80	2	<0.01	<5	<1	115	<20	<0.01
382916		0.10	<10	3.12	10700	<1	<0.01	7	410	3	0.04	<5	1	28	<20	0.04
382917		0.15	40	2.51	8110	<1	0.01	6	290	3	0.01	<5	1	37	<20	0.03
382918		0.06	<10	1.45	9130	<1	0.01	5	260	5	0.07	<5	<1	10	<20	0.03
382919		0.06	<10	0.86	5660	<1	<0.01	1	110	4	0.02	<5	<1	2	<20	0.02
382920		0.06	<10	1.48	8910	<1	<0.01	4	200	4	0.03	<5	1	6	<20	0.02

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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129580

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382901		<10	<10	24	<10	6
382902		<10	<10	61	<10	12
382903		<10	<10	39	<10	10
382904		<10	<10	24	<10	10
382905		<10	<10	18	<10	7
382906		<10	<10	14	<10	9
382907		<10	<10	23	<10	5
382908		<10	<10	42	<10	13
382909		<10	<10	34	<10	13
382910		<10	<10	61	<10	228
382911		<10	<10	18	<10	8
382912		<10	<10	22	<10	7
382913		<10	<10	18	<10	5
382914		<10	<10	12	<10	3
382915		10	<10	3	<10	24
382916		<10	<10	26	<10	6
382917		<10	<10	25	<10	4
382918		<10	<10	12	<10	5
382919		<10	<10	8	<10	2
382920		<10	<10	11	<10	4

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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129580

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129578

Projet: KAN

Bon de commande #: KAN- 012

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129578

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382821		4.69	0.007	<0.5	0.05	<5	10	0.5	<2	4.40	<0.5	1	9	1	14.85	<10
382822		4.33	<0.005	<0.5	0.11	5	10	<0.5	<2	4.05	<0.5	1	11	2	11.80	<10
382823		3.23	<0.005	<0.5	0.12	<5	10	<0.5	<2	8.13	<0.5	2	8	1	13.40	<10
382824		4.34	<0.005	<0.5	0.11	<5	10	<0.5	<2	6.76	<0.5	1	9	2	12.90	<10
382825		4.38	<0.005	<0.5	0.04	<5	10	0.5	<2	1.55	<0.5	<1	9	1	13.70	<10
382826		4.85	<0.005	<0.5	0.09	<5	10	<0.5	<2	7.63	<0.5	3	5	2	20.2	<10
382827		4.53	0.028	<0.5	0.22	5	<10	<0.5	<2	9.50	0.5	2	9	4	13.30	10
382828		3.77	0.011	<0.5	0.14	<5	<10	<0.5	<2	6.80	<0.5	2	9	4	13.65	<10
382829		3.30	0.006	<0.5	0.17	<5	10	<0.5	2	2.14	<0.5	2	8	4	18.30	<10
382830		0.05	1.360	0.8	7.55	99	120	4.3	7	2.21	2.3	18	62	57	5.01	30
382831		5.26	0.094	<0.5	0.25	<5	10	0.6	<2	1.85	<0.5	2	12	3	19.20	<10
382832		2.48	0.005	<0.5	0.27	<5	10	<0.5	<2	6.92	0.5	5	9	6	18.65	<10
382833		5.61	0.027	<0.5	0.06	5	10	<0.5	<2	5.54	<0.5	2	11	2	12.85	<10
382834		3.19	0.061	<0.5	0.11	<5	10	<0.5	<2	8.32	0.5	2	4	2	18.25	<10
382835		0.38	0.005	<0.5	0.05	<5	180	<0.5	<2	17.8	<0.5	<1	2	4	0.27	<10
382836		6.46	0.036	<0.5	0.16	<5	10	<0.5	<2	6.84	<0.5	2	10	4	12.95	<10
382837		2.10	0.007	<0.5	0.09	<5	10	<0.5	<2	1.01	<0.5	2	11	3	11.70	<10
382838		3.92	<0.005	<0.5	0.07	<5	10	0.6	2	1.42	<0.5	3	9	2	14.30	<10
382839		3.01	<0.005	<0.5	0.12	<5	10	<0.5	<2	4.94	<0.5	2	9	3	15.60	<10
382840		4.46	0.029	<0.5	0.44	<5	10	<0.5	<2	3.96	0.9	4	10	7	20.6	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129578

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382821		0.01	10	2.88	3630	<1	0.01	3	320	4	0.07	<5	<1	20	<20	<0.01
382822		0.02	<10	2.11	2850	<1	0.01	4	180	<2	0.06	<5	<1	20	<20	0.01
382823		0.02	<10	3.98	3880	<1	0.01	4	150	5	0.15	<5	<1	44	<20	0.01
382824		0.02	<10	3.44	3580	<1	0.01	4	140	6	0.24	<5	<1	32	<20	0.01
382825		0.01	<10	1.53	4410	<1	<0.01	3	220	2	0.05	<5	<1	8	<20	<0.01
382826		0.01	10	4.21	7810	<1	<0.01	4	270	5	0.13	<5	<1	45	<20	0.01
382827		0.01	10	3.62	5470	<1	<0.01	4	220	3	0.09	<5	1	65	<20	0.01
382828		<0.01	<10	3.34	5030	<1	<0.01	4	180	3	0.15	<5	<1	50	<20	0.01
382829		0.01	<10	1.55	6170	1	<0.01	4	350	5	0.10	<5	<1	15	<20	0.01
382830		4.02	10	1.70	435	2	3.51	68	920	145	2.64	9	5	247	<20	0.48
382831		0.02	10	1.77	6790	1	0.01	5	470	5	0.10	<5	1	15	<20	0.01
382832		0.01	10	3.58	6040	1	0.01	6	360	6	0.78	<5	1	51	<20	0.02
382833		0.01	<10	2.70	4400	<1	<0.01	2	280	4	0.13	<5	<1	46	<20	<0.01
382834		0.01	10	3.67	7190	<1	<0.01	2	350	5	0.05	<5	<1	66	<20	0.01
382835		0.02	<10	13.70	422	<1	0.03	2	40	7	<0.01	8	<1	151	<20	<0.01
382836		0.01	10	3.11	4930	<1	<0.01	2	290	6	0.10	<5	<1	55	<20	0.01
382837		0.01	<10	0.96	4380	<1	<0.01	2	260	<2	0.09	<5	<1	6	<20	<0.01
382838		0.02	<10	1.29	4350	<1	<0.01	3	240	3	0.02	<5	<1	9	<20	<0.01
382839		0.02	10	2.47	6840	<1	<0.01	2	370	5	0.10	<5	<1	35	<20	<0.01
382840		0.03	10	2.99	8510	<1	<0.01	8	770	7	0.21	<5	1	38	<20	0.02

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129578

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382821		<10	<10	5	<10	3
382822		<10	<10	10	<10	4
382823		<10	<10	13	<10	5
382824		<10	<10	14	<10	4
382825		<10	<10	5	<10	5
382826		<10	<10	10	<10	8
382827		<10	<10	23	<10	7
382828		<10	<10	14	<10	8
382829		<10	<10	14	<10	11
382830		<10	<10	61	<10	222
382831		<10	<10	20	<10	16
382832		<10	<10	22	<10	9
382833		<10	<10	6	<10	7
382834		<10	<10	13	<10	15
382835		<10	<10	3	<10	24
382836		<10	<10	14	<10	9
382837		<10	<10	7	<10	8
382838		<10	<10	7	<10	7
382839		<10	<10	10	<10	7
382840		<10	<10	29	<10	85

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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129578

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129575

Projet: KAN

Bon de commande #: KAN- 011

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129575

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
382801		5.17	2.56		<0.5	0.21	<5	10	<0.5	<2	1.79	<0.5	4	22	24	8.27
382802		1.57	0.043		<0.5	0.16	<5	10	<0.5	<2	1.15	0.5	6	14	2	15.90
382803		1.70	0.005		<0.5	0.18	<5	10	<0.5	<2	4.06	<0.5	1	13	1	13.75
382804		1.62	0.005		<0.5	0.13	<5	10	<0.5	<2	4.71	<0.5	2	10	1	12.20
382805		5.07	0.021		<0.5	0.22	<5	10	<0.5	<2	8.27	0.5	2	9	1	13.60
382806		3.74	0.905		<0.5	0.26	<5	10	<0.5	<2	11.20	0.8	3	12	4	12.00
382807		3.76	0.077		<0.5	0.12	<5	10	<0.5	<2	7.12	0.7	1	8	7	9.96
382808		3.10	0.010		<0.5	0.13	<5	10	<0.5	<2	3.13	<0.5	<1	12	1	7.04
382809		4.85	0.186		<0.5	0.32	<5	10	<0.5	<2	8.54	0.6	1	13	5	13.85
382810		0.05	1.070		1.0	7.59	93	120	4.4	6	2.22	2.6	18	62	56	5.10
382811		7.30	0.008		<0.5	0.24	<5	10	<0.5	<2	15.5	0.6	1	8	1	11.85
382812		6.04	0.314		<0.5	0.01	<5	<10	<0.5	<2	0.05	<0.5	<1	39	2	1.24
382813		3.59	>10.0	9.83	1.6	0.20	<5	<10	<0.5	2	0.33	<0.5	8	31	44	5.34
382814		2.60	6.04		0.5	0.34	<5	10	<0.5	<2	0.86	<0.5	3	14	28	9.63
382815		0.44	0.021		<0.5	0.04	<5	540	<0.5	<2	17.8	<0.5	<1	2	<1	0.30
382816		5.19	0.681		<0.5	0.25	<5	10	<0.5	<2	1.45	<0.5	3	18	11	14.40
382817		5.63	0.098		<0.5	0.24	<5	10	<0.5	<2	6.13	<0.5	2	13	3	9.53
382818		6.24	0.008		<0.5	0.19	<5	10	<0.5	<2	4.25	<0.5	3	12	<1	16.60
382819		3.43	0.013		<0.5	0.26	<5	10	<0.5	<2	9.23	<0.5	4	11	3	12.65
382820		4.55	1.430		<0.5	0.12	<5	10	<0.5	<2	4.51	<0.5	1	10	1	11.70

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129575

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
382801		<10	0.05	<10	0.98	3200	<1	<0.01	1	340	<2	1.05	<5	<1	45	<20
382802		<10	0.02	<10	1.74	6780	<1	<0.01	4	250	<2	0.16	<5	<1	16	<20
382803		<10	0.01	10	2.87	5660	<1	<0.01	3	250	<2	0.12	<5	<1	48	<20
382804		<10	0.03	<10	3.13	5190	<1	<0.01	<1	240	<2	0.08	<5	<1	75	<20
382805		<10	0.05	<10	4.11	6070	<1	<0.01	<1	230	<2	0.08	<5	<1	169	<20
382806		<10	0.04	10	4.87	5730	<1	<0.01	4	320	4	0.16	<5	1	256	<20
382807		<10	0.02	<10	3.09	4490	<1	<0.01	<1	330	2	0.19	<5	<1	89	<20
382808		<10	0.04	<10	1.41	2720	<1	<0.01	<1	460	<2	0.03	<5	<1	53	<20
382809		<10	0.04	10	4.44	6500	<1	<0.01	4	540	5	0.17	<5	<1	179	<20
382810		20	3.96	10	1.69	444	<1	3.41	67	960	140	2.67	<5	5	250	<20
382811		<10	0.05	10	6.48	5760	<1	0.01	5	400	5	0.02	<5	1	278	<20
382812		<10	<0.01	<10	0.02	133	<1	<0.01	1	<10	<2	0.02	<5	<1	2	<20
382813		<10	0.01	<10	0.29	736	<1	<0.01	8	60	<2	1.82	<5	<1	10	<20
382814		<10	0.03	<10	0.44	2440	<1	<0.01	3	140	<2	0.35	<5	<1	28	<20
382815		<10	0.02	<10	12.35	432	<1	0.03	<1	30	<2	0.01	<5	<1	143	<20
382816		<10	0.05	10	1.64	7120	<1	<0.01	4	460	<2	0.32	<5	1	24	<20
382817		<10	0.04	10	2.89	4960	<1	<0.01	3	470	<2	0.17	<5	<1	125	<20
382818		<10	0.02	10	2.29	5830	1	<0.01	<1	310	4	0.11	<5	<1	32	<20
382819		<10	0.01	10	3.86	4830	<1	<0.01	3	270	3	1.03	<5	<1	99	<20
382820		<10	0.01	<10	2.41	4270	<1	<0.01	1	350	<2	0.19	<5	<1	35	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129575

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382801		0.01	<10	<10	10	<10	14
382802		0.01	<10	<10	14	<10	10
382803		0.01	<10	<10	17	<10	10
382804		0.01	<10	<10	11	<10	11
382805		0.02	<10	<10	16	<10	18
382806		0.02	<10	<10	17	<10	27
382807		<0.01	<10	<10	7	<10	14
382808		<0.01	<10	<10	8	<10	18
382809		0.01	<10	<10	18	<10	38
382810		0.48	<10	<10	61	<10	225
382811		0.01	<10	<10	18	<10	24
382812		<0.01	<10	<10	1	<10	<2
382813		<0.01	<10	<10	8	<10	17
382814		0.01	<10	<10	16	<10	33
382815		<0.01	<10	<10	3	<10	31
382816		0.02	<10	<10	15	<10	35
382817		0.02	<10	<10	14	<10	21
382818		0.01	<10	<10	17	<10	14
382819		0.01	<10	<10	21	<10	11
382820		<0.01	<10	<10	12	<10	6

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 15- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129575

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129574

Projet: KAN

Bon de commande #: KAN- 010

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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North Vancouver BC V7H 0A7
Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129574

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382781		4.79	0.046	<0.5	0.25	<5	10	<0.5	3	8.72	<0.5	2	15	5	15.90	<10
382782		5.21	<0.005	<0.5	0.11	<5	10	<0.5	2	5.30	<0.5	1	11	1	11.40	<10
382783		4.73	0.024	<0.5	0.05	<5	10	<0.5	3	3.29	<0.5	2	13	2	9.86	<10
382784		4.04	<0.005	<0.5	0.07	<5	10	<0.5	<2	6.25	<0.5	2	8	1	12.60	<10
382785		5.68	<0.005	<0.5	0.08	<5	10	<0.5	2	6.21	<0.5	2	11	1	12.35	<10
382786		5.44	<0.005	<0.5	0.09	<5	10	<0.5	<2	8.79	<0.5	2	11	1	12.80	<10
382787		6.84	<0.005	<0.5	0.18	<5	10	<0.5	2	9.48	<0.5	2	9	2	15.15	<10
382788		4.47	<0.005	<0.5	0.12	<5	<10	<0.5	<2	7.70	<0.5	3	7	1	15.00	10
382789		4.42	<0.005	<0.5	0.17	<5	10	<0.5	<2	10.25	0.5	3	10	2	15.50	<10
382790		0.08	3.53	<0.5	8.23	<5	160	3.9	4	3.06	<0.5	26	89	39	4.11	30
382791		2.19	0.008	<0.5	0.11	<5	<10	<0.5	<2	5.52	0.5	2	8	4	14.40	<10
382792		2.39	<0.005	<0.5	0.13	<5	10	<0.5	<2	8.00	0.5	3	9	1	13.90	<10
382793		3.19	0.265	<0.5	0.14	<5	10	<0.5	4	11.65	<0.5	3	6	2	13.75	<10
382794		3.38	0.008	<0.5	0.14	<5	10	<0.5	5	11.30	0.5	2	6	2	11.55	<10
382795		0.35	<0.005	<0.5	0.06	<5	120	<0.5	<2	17.4	<0.5	<1	2	1	0.25	<10
382796		4.38	0.012	<0.5	0.33	<5	10	<0.5	<2	9.42	0.5	3	11	4	13.65	<10
382797		4.48	0.394	<0.5	0.24	<5	10	<0.5	<2	8.96	0.5	2	10	5	14.50	<10
382798		4.52	0.043	<0.5	0.16	<5	10	<0.5	<2	14.00	0.6	1	7	2	13.30	<10
382799		4.35	0.005	<0.5	0.08	<5	<10	<0.5	<2	10.30	0.5	<1	5	1	11.10	<10
382800		4.33	<0.005	<0.5	0.14	<5	<10	<0.5	2	11.55	0.5	1	8	1	12.05	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129574

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382781		0.03	10	4.57	7880	1	0.01	9	330	9	0.24	<5	1	121	<20	0.02
382782		0.03	<10	2.58	5180	<1	<0.01	5	160	3	0.03	<5	<1	63	<20	0.01
382783		0.01	10	2.04	3940	<1	<0.01	4	250	<2	0.03	<5	<1	26	<20	<0.01
382784		0.02	<10	3.53	5080	<1	<0.01	3	230	3	0.03	<5	<1	48	<20	0.01
382785		0.02	10	3.39	5440	1	<0.01	2	330	4	0.03	<5	<1	49	<20	0.01
382786		0.03	<10	4.34	5710	<1	<0.01	7	220	4	0.02	<5	<1	64	<20	0.01
382787		0.03	10	4.92	7140	1	<0.01	4	410	5	0.04	<5	1	66	<20	0.01
382788		0.02	<10	4.14	6920	<1	<0.01	5	270	5	0.04	5	<1	59	<20	0.01
382789		0.04	10	5.02	7190	<1	<0.01	3	520	6	0.04	<5	<1	97	<20	0.02
382790		4.39	10	2.39	595	1	3.46	97	1360	37	0.02	<5	7	372	<20	0.70
382791		0.02	<10	3.37	6060	<1	<0.01	4	130	2	0.17	<5	<1	42	<20	0.01
382792		0.03	<10	4.34	6560	<1	<0.01	5	310	<2	0.05	7	<1	80	<20	0.01
382793		0.02	<10	5.21	7260	<1	<0.01	4	190	4	0.06	<5	<1	130	<20	0.01
382794		0.03	10	4.87	6580	<1	<0.01	4	260	4	0.07	<5	<1	140	<20	0.01
382795		0.04	<10	13.10	409	<1	0.07	1	30	5	<0.01	<5	<1	129	<20	<0.01
382796		0.06	10	4.01	7110	<1	<0.01	7	220	6	0.34	<5	1	130	<20	0.01
382797		0.03	10	4.33	7870	<1	<0.01	6	340	10	0.22	<5	1	123	<20	0.01
382798		0.04	<10	5.87	6290	<1	<0.01	3	150	8	0.08	<5	1	190	<20	0.01
382799		0.02	<10	4.46	5740	<1	<0.01	2	380	5	0.03	6	<1	125	<20	<0.01
382800		0.02	<10	4.89	6070	<1	<0.01	3	180	9	0.01	5	<1	167	<20	<0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129574

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382781		<10	<10	17	<10	12
382782		<10	<10	9	<10	5
382783		<10	<10	7	<10	3
382784		<10	<10	7	<10	3
382785		<10	<10	12	<10	4
382786		<10	<10	14	<10	4
382787		<10	<10	19	<10	7
382788		<10	<10	12	<10	12
382789		<10	<10	14	<10	19
382790		<10	<10	88	<10	54
382791		<10	<10	10	<10	19
382792		<10	<10	11	<10	20
382793		<10	<10	12	<10	16
382794		<10	<10	11	<10	9
382795		<10	<10	3	<10	26
382796		<10	<10	24	<10	30
382797		<10	<10	22	<10	20
382798		<10	<10	16	<10	20
382799		<10	<10	7	<10	11
382800		<10	<10	12	<10	22

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129574

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129572

Projet: KAN

Bon de commande #: KAN- 009

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129572

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382761		2.72	0.007	<0.5	0.29	<5	10	<0.5	4	10.05	<0.5	<1	6	1	15.30	<10
382762		4.03	<0.005	<0.5	0.12	<5	<10	<0.5	6	11.90	<0.5	<1	4	<1	13.65	<10
382763		2.68	<0.005	<0.5	0.09	<5	<10	<0.5	5	11.10	<0.5	<1	5	1	13.00	<10
382764		4.27	0.039	<0.5	0.19	<5	<10	<0.5	4	11.15	<0.5	<1	5	1	14.25	<10
382765		4.19	<0.005	<0.5	0.14	<5	10	<0.5	<2	11.30	<0.5	<1	4	1	14.00	<10
382766		3.73	0.019	<0.5	0.20	<5	<10	<0.5	5	8.58	<0.5	1	11	1	11.00	<10
382767		0.97	<0.005	<0.5	0.23	<5	<10	<0.5	9	8.14	<0.5	1	7	2	16.00	<10
382768		1.24	0.014	<0.5	0.41	<5	<10	<0.5	7	3.41	<0.5	6	10	10	22.5	<10
382769		3.96	0.014	<0.5	0.13	<5	<10	<0.5	2	3.41	<0.5	1	6	<1	16.85	<10
382770		0.06	3.41	<0.5	7.68	<5	150	3.8	3	2.83	<0.5	24	82	36	4.00	30
382771		3.95	<0.005	<0.5	0.10	<5	10	0.7	3	3.56	<0.5	3	8	<1	15.00	<10
382772		4.92	0.005	<0.5	0.07	<5	10	0.6	<2	3.61	<0.5	3	6	<1	14.70	<10
382773		4.50	<0.005	<0.5	0.13	<5	10	0.7	<2	4.44	<0.5	3	6	<1	15.95	<10
382774		4.32	<0.005	<0.5	0.05	<5	10	0.5	3	3.62	<0.5	<1	7	<1	12.40	<10
382775		0.36	<0.005	<0.5	0.03	<5	370	<0.5	<2	18.2	<0.5	<1	1	<1	0.16	<10
382776		5.16	0.005	<0.5	0.14	<5	10	<0.5	6	8.40	<0.5	<1	7	1	11.80	<10
382777		4.09	0.026	<0.5	0.13	<5	10	<0.5	3	6.92	<0.5	2	5	1	13.30	<10
382778		2.50	0.005	<0.5	0.11	<5	10	<0.5	<2	9.06	<0.5	2	7	<1	12.35	<10
382779		6.40	<0.005	<0.5	0.13	<5	10	<0.5	5	10.30	<0.5	<1	4	<1	11.50	<10
382780		3.23	0.019	<0.5	0.22	<5	20	<0.5	2	9.20	<0.5	2	4	4	16.85	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 10- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129572

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382761		0.01	<10	3.94	7780	1	0.01	1	220	5	0.10	<5	<1	122	<20	0.01
382762		0.02	<10	4.26	7350	<1	<0.01	2	200	<2	0.01	<5	<1	128	<20	<0.01
382763		0.02	<10	4.09	7140	<1	<0.01	2	190	4	0.07	<5	<1	135	<20	<0.01
382764		0.02	<10	4.74	7250	<1	<0.01	2	150	4	0.05	<5	<1	118	<20	0.01
382765		0.02	<10	4.97	6770	<1	<0.01	1	190	4	0.04	<5	<1	106	<20	0.01
382766		0.02	<10	3.54	5790	<1	<0.01	<1	330	<2	0.17	<5	<1	126	<20	<0.01
382767		0.02	<10	3.40	7940	<1	<0.01	5	330	2	0.09	<5	<1	119	<20	0.01
382768		0.02	10	2.69	11400	<1	<0.01	9	600	<2	0.54	<5	1	40	<20	0.02
382769		0.02	10	2.41	9600	<1	<0.01	3	330	3	0.08	<5	<1	33	<20	0.01
382770		4.09	10	2.26	558	<1	3.25	91	1340	35	0.02	<5	6	345	<20	0.67
382771		0.02	10	2.17	7000	<1	<0.01	1	360	3	0.03	<5	<1	26	<20	0.01
382772		0.01	<10	2.32	7390	<1	<0.01	5	360	<2	0.03	<5	<1	25	<20	0.01
382773		0.02	10	2.85	7870	<1	<0.01	7	510	<2	0.04	<5	<1	30	<20	0.01
382774		0.01	<10	2.22	6660	<1	<0.01	3	320	2	0.03	<5	<1	23	<20	<0.01
382775		0.02	<10	12.65	408	<1	0.02	<1	30	3	<0.01	<5	<1	162	<20	<0.01
382776		0.02	<10	3.97	4730	<1	<0.01	4	230	<2	0.10	<5	<1	64	<20	0.01
382777		0.03	10	3.48	6220	<1	<0.01	1	250	2	0.12	<5	<1	74	<20	0.01
382778		0.02	10	3.76	6840	<1	<0.01	1	400	3	0.03	<5	<1	86	<20	0.01
382779		0.02	<10	4.63	5670	<1	<0.01	1	240	4	0.02	<5	<1	109	<20	<0.01
382780		0.04	10	4.51	8930	<1	<0.01	3	640	3	0.26	<5	<1	105	<20	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129572

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382761		<10	<10	21	<10	48
382762		<10	<10	13	<10	30
382763		<10	<10	11	<10	28
382764		<10	<10	17	<10	25
382765		<10	<10	14	<10	17
382766		<10	<10	16	<10	33
382767		<10	<10	17	<10	41
382768		<10	<10	28	<10	57
382769		<10	<10	15	<10	25
382770		<10	<10	82	<10	50
382771		<10	<10	12	<10	9
382772		<10	<10	10	<10	7
382773		<10	<10	12	<10	9
382774		<10	<10	7	<10	6
382775		<10	<10	2	<10	23
382776		<10	<10	14	<10	10
382777		<10	<10	12	<10	12
382778		<10	<10	12	<10	7
382779		<10	<10	12	<10	6
382780		<10	<10	17	<10	11

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 10- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129572

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129568

Projet: KAN

Bon de commande #: KAN- 008

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129568

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
382741		2.70	0.312		<0.5	0.33	<5	10	<0.5	2	7.01	0.9	4	22	11	11.60
382742		4.23	0.178		<0.5	0.31	<5	10	<0.5	2	6.59	1.0	9	14	7	15.85
382743		4.14	>10.0	16.50	<0.5	0.16	<5	10	<0.5	2	0.57	<0.5	2	18	8	3.32
382744		3.19	>10.0	16.95	0.5	0.13	<5	<10	<0.5	<2	5.09	0.5	4	18	33	6.10
382745		3.85	>10.0	21.9	2.3	0.10	<5	<10	<0.5	<2	3.37	<0.5	3	19	16	4.43
382746		1.92	5.15		<0.5	0.31	<5	10	<0.5	2	3.82	0.7	3	18	11	7.10
382747		3.39	6.18		0.5	0.18	<5	<10	<0.5	2	6.34	0.6	4	14	10	10.10
382748		5.19	2.37		<0.5	0.35	<5	10	<0.5	<2	1.62	0.6	10	18	15	16.65
382749		5.41	0.336		<0.5	0.26	<5	<10	<0.5	4	1.02	<0.5	7	12	9	18.80
382750		0.06	3.48		<0.5	7.39	<5	160	3.9	<2	2.84	<0.5	27	88	37	4.01
382751		4.23	0.341		<0.5	0.21	<5	<10	<0.5	2	0.73	<0.5	5	13	11	14.90
382752		2.81	7.35		<0.5	0.30	<5	10	<0.5	<2	0.98	<0.5	5	22	40	10.95
382753		1.52	4.93		<0.5	0.02	<5	<10	<0.5	<2	0.02	<0.5	<1	22	8	1.15
382754		2.96	0.101		<0.5	0.15	<5	<10	<0.5	<2	9.42	0.9	<1	10	4	15.35
382755		0.36	0.008		<0.5	0.09	<5	140	<0.5	<2	17.2	<0.5	<1	2	4	0.27
382756		4.02	<0.005		<0.5	0.24	<5	10	<0.5	<2	8.46	0.7	3	9	4	15.35
382757		3.82	0.006		<0.5	0.16	<5	<10	<0.5	<2	8.72	0.7	2	6	7	15.95
382758		3.97	0.006		<0.5	0.25	<5	<10	<0.5	<2	9.48	<0.5	4	10	5	15.15
382759		4.25	0.675		<0.5	0.14	<5	<10	<0.5	<2	8.37	0.8	3	6	6	14.25
382760		3.70	<0.005		<0.5	0.21	<5	<10	<0.5	<2	10.25	0.6	<1	7	7	12.10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129568

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
382741		<10	0.03	10	3.60	8970	<1	0.02	4	210	5	0.18	<5	1	123	<20
382742		<10	0.03	10	3.84	12350	<1	0.01	6	670	<2	0.14	<5	1	114	<20
382743		<10	0.03	<10	0.37	1375	<1	0.01	1	40	3	0.22	<5	<1	17	<20
382744		<10	0.02	<10	1.58	3680	<1	0.01	1	70	8	0.71	<5	<1	152	<20
382745		<10	0.02	<10	1.10	2700	<1	<0.01	<1	70	<2	0.46	<5	<1	107	<20
382746		<10	0.11	<10	1.42	4700	<1	0.01	1	130	<2	0.41	<5	1	114	<20
382747		<10	0.04	10	2.69	6400	<1	<0.01	1	190	<2	0.30	<5	1	168	<20
382748		<10	0.02	10	2.26	11100	<1	0.01	5	500	2	0.62	<5	1	24	<20
382749		<10	0.02	10	2.17	12300	<1	0.01	2	500	2	0.32	<5	1	15	<20
382750		20	4.31	10	2.29	603	<1	3.40	95	1350	37	0.02	<5	6	359	<20
382751		<10	0.02	<10	1.55	9460	<1	0.01	4	340	<2	0.34	5	1	11	<20
382752		<10	0.03	<10	1.30	5630	<1	<0.01	9	290	4	1.50	<5	1	21	<20
382753		<10	0.01	<10	0.03	191	<1	0.01	2	10	<2	0.05	<5	<1	<1	<20
382754		<10	0.02	<10	4.36	7470	1	<0.01	4	210	5	0.05	<5	1	137	<20
382755		<10	0.05	<10	13.00	414	<1	0.03	1	40	7	0.01	<5	<1	114	<20
382756		<10	0.04	10	4.34	7060	<1	<0.01	5	390	6	0.07	<5	1	92	<20
382757		<10	0.02	<10	4.22	7410	1	<0.01	4	350	4	0.03	<5	<1	79	<20
382758		<10	0.01	10	4.81	7050	1	<0.01	5	440	4	0.11	<5	1	83	<20
382759		<10	0.03	<10	4.12	6670	1	<0.01	4	290	8	0.14	<5	<1	110	<20
382760		<10	0.03	<10	3.88	6530	<1	<0.01	2	180	8	0.08	<5	<1	163	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129568

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382741		0.05	<10	<10	22	<10	24
382742		0.04	10	<10	22	<10	26
382743		0.01	<10	<10	7	<10	26
382744		0.02	<10	<10	7	<10	23
382745		0.01	<10	<10	5	<10	12
382746		0.02	<10	<10	18	<10	48
382747		0.02	10	<10	12	<10	22
382748		0.05	<10	<10	27	<10	29
382749		0.04	10	<10	21	<10	27
382750		0.69	10	<10	89	<10	53
382751		0.03	<10	<10	17	<10	22
382752		0.03	<10	<10	17	<10	30
382753		<0.01	<10	<10	1	<10	6
382754		0.01	<10	<10	13	<10	36
382755		<0.01	<10	<10	4	<10	43
382756		0.02	<10	<10	17	<10	33
382757		0.01	<10	<10	12	<10	21
382758		0.01	<10	<10	17	<10	26
382759		0.01	<10	<10	11	<10	22
382760		0.01	<10	<10	16	<10	34

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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129568

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 23	PUL- 31	PUL- QC
	SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129565

Projet: KAN

Bon de commande #: KAN- 007

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129565

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
382721		5.58	3.29		<0.5	0.10	<5	10	<0.5	<2	3.77	<0.5	2	11	4	13.45
382722		2.75	0.389		<0.5	0.20	<5	<10	<0.5	<2	5.22	<0.5	4	9	12	12.10
382723		2.59	4.29		<0.5	0.50	<5	10	<0.5	<2	1.90	<0.5	2	9	19	10.65
382724		4.45	0.029		<0.5	0.02	<5	<10	<0.5	<2	0.02	<0.5	<1	25	3	0.48
382725		3.09	0.008		<0.5	0.03	<5	10	<0.5	<2	0.03	<0.5	3	21	4	0.78
382726		1.89	1.975		<0.5	0.16	<5	<10	<0.5	<2	1.21	<0.5	3	13	9	12.35
382727		2.16	1.510		<0.5	0.02	<5	<10	<0.5	<2	0.01	<0.5	<1	15	4	0.53
382728		2.68	0.033		<0.5	0.01	<5	<10	<0.5	2	0.01	<0.5	1	21	7	1.05
382729		3.75	7.38		<0.5	0.19	<5	10	<0.5	<2	2.23	<0.5	3	16	17	5.72
382730		0.08	3.58		<0.5	7.63	<5	160	3.6	2	2.69	<0.5	26	84	35	3.80
382731		3.76	2.38		<0.5	0.04	<5	<10	<0.5	<2	0.15	<0.5	1	22	2	1.08
382732		2.92	1.095		<0.5	0.03	<5	<10	<0.5	<2	0.05	<0.5	1	22	5	0.83
382733		4.13	>10.0	24.0	0.7	0.11	<5	<10	<0.5	<2	1.53	<0.5	2	16	16	5.35
382734		4.35	4.47		<0.5	0.03	<5	<10	<0.5	<2	0.12	<0.5	<1	26	3	0.76
382735		0.37	0.021		<0.5	0.21	<5	110	<0.5	<2	16.8	<0.5	2	5	3	0.54
382736		2.71	1.255		<0.5	0.01	<5	<10	<0.5	<2	0.02	<0.5	<1	19	3	0.48
382737		3.58	>10.0	10.85	<0.5	0.03	5	<10	<0.5	<2	0.05	<0.5	<1	20	2	0.68
382738		3.74	>10.0	10.95	<0.5	0.22	<5	<10	<0.5	<2	2.92	<0.5	6	21	43	7.59
382739		4.12	0.032		<0.5	1.28	<5	10	<0.5	<2	5.82	0.9	12	36	29	20.2
382740		4.26	1.245		<0.5	0.29	<5	<10	<0.5	<2	5.72	0.6	4	10	3	12.25

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129565

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
382721		<10	0.02	<10	2.68	5500	<1	0.01	<1	150	<2	0.20	<5	<1	61	<20
382722		<10	0.02	10	2.63	6970	<1	0.01	<1	330	<2	0.44	<5	<1	122	<20
382723		<10	0.02	<10	1.53	3880	<1	0.01	<1	130	<2	1.16	<5	<1	57	<20
382724		<10	0.01	<10	0.01	59	<1	0.01	<1	10	<2	0.11	<5	<1	1	<20
382725		<10	0.02	<10	0.01	67	<1	0.01	1	<10	<2	0.37	<5	<1	2	<20
382726		<10	<0.01	10	1.57	5330	<1	0.01	3	370	<2	0.52	<5	<1	13	<20
382727		<10	0.01	<10	0.01	81	<1	0.01	<1	10	<2	0.02	<5	<1	1	<20
382728		<10	0.01	<10	0.02	125	<1	0.01	<1	<10	<2	0.40	<5	<1	<1	<20
382729		<10	0.03	<10	0.97	3410	<1	0.01	<1	120	<2	0.63	<5	<1	74	<20
382730		20	4.07	10	2.14	566	<1	3.19	88	1320	35	0.02	<5	6	344	<20
382731		<10	0.01	<10	0.07	349	<1	0.01	1	30	<2	0.05	<5	<1	3	<20
382732		<10	0.01	<10	0.02	158	<1	0.01	<1	10	<2	0.19	<5	<1	2	<20
382733		<10	0.02	<10	0.85	3230	<1	0.01	1	170	2	0.71	<5	<1	43	<20
382734		<10	0.01	<10	0.03	270	<1	0.01	<1	10	<2	0.05	<5	<1	4	<20
382735		<10	0.05	<10	11.50	447	<1	0.08	<1	110	3	0.01	<5	1	131	<20
382736		<10	0.01	<10	0.01	85	<1	0.01	1	<10	<2	0.01	<5	<1	<1	<20
382737		<10	0.01	<10	0.03	161	<1	0.01	2	20	<2	0.05	<5	<1	1	<20
382738		<10	0.03	<10	1.17	3680	<1	<0.01	8	140	9	1.65	<5	<1	98	<20
382739		10	0.03	10	3.90	13000	<1	<0.01	14	480	4	0.69	<5	4	118	<20
382740		<10	0.01	10	3.16	9860	<1	<0.01	2	330	<2	0.12	<5	1	90	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129565

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382721		0.01	<10	<10	7	<10	13
382722		0.01	<10	<10	11	<10	31
382723		<0.01	<10	<10	19	<10	32
382724		<0.01	<10	<10	<1	<10	<2
382725		<0.01	<10	<10	2	<10	<2
382726		0.02	<10	<10	9	<10	11
382727		<0.01	<10	<10	1	<10	6
382728		<0.01	<10	<10	1	<10	2
382729		0.02	<10	<10	8	<10	20
382730		0.68	<10	<10	83	<10	51
382731		<0.01	<10	<10	2	<10	5
382732		<0.01	<10	<10	1	<10	<2
382733		<0.01	<10	<10	5	<10	23
382734		<0.01	<10	<10	1	<10	6
382735		0.07	<10	<10	18	<10	33
382736		<0.01	<10	<10	1	<10	5
382737		<0.01	<10	<10	2	<10	4
382738		0.02	<10	<10	11	<10	37
382739		0.18	<10	<10	80	<10	72
382740		0.04	<10	<10	21	<10	20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 12- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129565

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode: ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129552

Projet: KAN

Bon de commande #: KAN- 006

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129552

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382701		3.88	0.925	<0.5	0.11	<5	10	<0.5	<2	1.27	<0.5	1	17	3	12.25	<10
382702		5.12	0.515	<0.5	0.19	<5	10	<0.5	<2	3.33	<0.5	2	11	6	14.45	<10
382703		2.98	0.716	<0.5	0.21	5	10	<0.5	<2	3.33	<0.5	1	12	6	13.30	<10
382704		4.54	4.26	<0.5	0.23	<5	10	<0.5	<2	5.37	<0.5	1	12	8	13.75	<10
382705		5.13	0.030	<0.5	0.14	<5	<10	<0.5	<2	4.11	<0.5	<1	7	4	13.55	<10
382706		4.24	1.800	<0.5	0.19	<5	10	<0.5	<2	3.00	<0.5	3	17	10	15.85	<10
382707		5.22	0.090	<0.5	0.13	<5	10	<0.5	<2	2.26	<0.5	3	11	2	16.30	<10
382708		6.14	0.566	<0.5	0.16	<5	10	<0.5	<2	4.16	<0.5	3	11	5	15.60	<10
382709		3.51	0.040	<0.5	0.29	<5	10	<0.5	<2	3.97	<0.5	3	12	3	17.95	<10
382710		0.06	3.42	<0.5	7.93	<5	160	3.8	<2	2.86	<0.5	25	87	35	4.07	20
382711		3.44	1.445	<0.5	0.48	<5	<10	<0.5	2	1.68	<0.5	3	14	8	19.95	<10
382712		4.62	0.612	<0.5	0.16	<5	<10	<0.5	<2	2.06	<0.5	2	11	4	11.75	<10
382713		3.08	0.030	<0.5	0.07	<5	<10	<0.5	<2	0.67	<0.5	2	16	1	8.81	<10
382714		4.10	0.100	<0.5	0.07	<5	<10	<0.5	<2	3.87	<0.5	<1	11	1	13.50	<10
382715		0.38	<0.005	<0.5	0.15	<5	90	<0.5	<2	16.8	<0.5	<1	2	1	0.30	<10
382716		3.95	1.230	<0.5	0.06	<5	<10	<0.5	<2	3.96	<0.5	2	7	2	13.30	<10
382717		2.85	0.021	<0.5	0.13	<5	<10	<0.5	<2	7.17	0.6	<1	4	1	13.85	<10
382718		3.42	<0.005	<0.5	0.17	<5	<10	<0.5	<2	8.62	<0.5	<1	7	<1	9.77	<10
382719		4.34	0.083	<0.5	0.12	<5	<10	<0.5	<2	7.90	<0.5	1	5	1	10.55	<10
382720		3.25	1.420	<0.5	0.15	<5	20	<0.5	<2	3.95	<0.5	3	8	10	13.30	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129552

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382701		0.02	<10	1.68	5310	<1	0.01	1	170	<2	0.20	<5	<1	20	<20	0.01
382702		0.01	<10	2.69	6840	<1	<0.01	1	230	2	0.33	<5	<1	65	<20	0.01
382703		0.02	<10	2.50	6030	<1	<0.01	2	220	<2	0.38	<5	<1	69	<20	0.01
382704		0.03	10	3.23	6900	<1	<0.01	2	320	2	0.45	<5	<1	135	<20	0.01
382705		0.02	10	2.84	6810	<1	<0.01	1	370	<2	0.30	<5	<1	83	<20	0.01
382706		0.04	<10	2.20	7500	<1	<0.01	<1	360	<2	0.57	<5	<1	65	<20	0.01
382707		0.02	10	1.91	7320	<1	<0.01	1	380	<2	0.13	<5	<1	40	<20	0.01
382708		0.01	<10	2.74	6250	<1	<0.01	<1	230	2	0.31	<5	<1	69	<20	0.01
382709		0.01	10	1.89	8210	<1	<0.01	3	260	2	0.19	<5	1	65	<20	0.02
382710		4.29	10	2.31	573	<1	3.33	93	1300	33	0.02	5	6	359	<20	0.70
382711		0.02	10	1.41	9670	1	<0.01	1	770	3	0.08	<5	1	25	<20	0.03
382712		<0.01	<10	1.37	6290	<1	<0.01	1	360	<2	0.15	<5	<1	21	<20	0.01
382713		0.01	<10	0.93	4620	<1	<0.01	<1	160	<2	0.06	<5	<1	7	<20	0.01
382714		0.01	<10	2.59	5060	<1	<0.01	<1	130	<2	0.08	<5	<1	59	<20	<0.01
382715		0.09	<10	12.65	429	<1	0.09	<1	40	5	<0.01	<5	<1	120	<20	<0.01
382716		0.01	<10	2.34	4640	<1	<0.01	<1	50	<2	0.11	<5	<1	61	<20	<0.01
382717		0.01	<10	3.98	5830	<1	<0.01	<1	260	4	0.08	<5	<1	136	<20	<0.01
382718		0.02	<10	3.64	4300	<1	<0.01	<1	40	4	0.01	<5	<1	167	<20	<0.01
382719		0.02	<10	3.68	4560	<1	<0.01	<1	80	4	0.05	<5	<1	159	<20	<0.01
382720		0.04	<10	2.64	5460	<1	<0.01	<1	160	5	0.46	<5	<1	62	<20	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129552

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382701		<10	<10	9	<10	14
382702		<10	<10	13	<10	20
382703		<10	<10	14	<10	18
382704		<10	<10	15	<10	24
382705		10	<10	13	<10	21
382706		<10	<10	15	<10	22
382707		<10	<10	12	<10	11
382708		<10	<10	12	<10	11
382709		10	<10	19	<10	14
382710		10	<10	84	<10	51
382711		<10	<10	29	<10	27
382712		<10	<10	11	<10	8
382713		<10	<10	5	<10	7
382714		10	<10	7	<10	12
382715		<10	10	3	<10	30
382716		<10	<10	5	<10	9
382717		<10	<10	7	<10	16
382718		10	<10	9	<10	23
382719		<10	<10	8	<10	17
382720		<10	<10	11	<10	10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129552

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

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Téléphone: +1 (604) 984 0221 Télécopieur: +1 (604) 984 0218
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129534

Projet: KAN

Bon de commande #: KAN- 005

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129534

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01
382681		2.86	4.36		<0.5	0.46	<5	<10	<0.5	2	2.03	0.6	5	13	44	18.35
382682		3.08	2.81		<0.5	0.25	<5	<10	<0.5	<2	2.48	0.6	3	6	17	14.60
382683		4.51	1.420		<0.5	0.14	<5	10	<0.5	<2	5.54	0.6	<1	7	13	13.35
382684		3.99	0.011		<0.5	0.09	<5	10	<0.5	<2	7.74	0.5	<1	6	<1	12.40
382685		2.35	0.090		<0.5	0.06	<5	10	<0.5	<2	5.85	<0.5	1	5	2	12.10
382686		4.55	0.006		<0.5	0.09	<5	10	<0.5	2	6.58	0.5	1	7	1	13.90
382687		4.05	0.102		<0.5	0.14	<5	10	<0.5	<2	7.23	0.5	2	7	1	16.35
382688		3.70	2.92		<0.5	0.17	<5	10	<0.5	<2	5.63	<0.5	4	8	2	15.80
382689		3.98	6.64		<0.5	0.67	<5	<10	<0.5	<2	1.72	0.6	7	15	32	24.3
382690		0.06	3.70		<0.5	7.93	<5	160	3.9	<2	2.86	<0.5	26	86	36	4.15
382691		5.18	2.46		0.8	0.32	<5	<10	<0.5	<2	0.71	<0.5	4	22	42	10.35
382692		4.49	>10.0	8.42	<0.5	0.18	<5	10	<0.5	<2	0.88	<0.5	4	21	25	5.76
382693		4.85	5.42		<0.5	0.49	<5	<10	<0.5	<2	2.24	<0.5	2	12	22	8.88
382694		4.09	5.63		<0.5	0.64	<5	<10	<0.5	2	1.20	<0.5	3	18	23	9.00
382695		0.32	0.011		<0.5	0.03	<5	180	<0.5	<2	17.8	<0.5	<1	2	<1	0.22
382696		3.74	>10.0	28.5	1.1	0.75	<5	<10	<0.5	<2	1.35	0.5	6	15	59	23.1
382697		4.00	9.48		1.9	0.70	<5	<10	<0.5	<2	2.78	0.5	3	11	25	12.35
382698		5.75	6.37		<0.5	0.30	<5	<10	<0.5	2	4.45	0.6	2	15	21	16.45
382699		3.07	4.94		<0.5	0.25	<5	<10	<0.5	<2	2.14	0.5	1	9	21	11.15
382700		6.03	3.51		<0.5	0.20	<5	<10	<0.5	3	2.13	<0.5	3	16	11	13.70

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129534

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ga ppm 10	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20
382681		<10	0.01	10	2.19	9690	<1	<0.01	4	590	<2	1.62	<5	1	57	<20
382682		<10	0.02	10	2.02	8250	<1	<0.01	1	330	<2	0.82	<5	<1	47	<20
382683		<10	0.03	10	2.72	6710	<1	<0.01	2	320	<2	0.71	<5	<1	108	<20
382684		<10	0.02	<10	3.88	5430	<1	<0.01	<1	100	3	0.03	<5	<1	136	<20
382685		<10	0.01	<10	2.80	5150	<1	<0.01	<1	110	<2	0.04	<5	<1	98	<20
382686		<10	0.01	<10	3.30	6210	<1	<0.01	1	210	<2	0.05	<5	<1	90	<20
382687		<10	0.03	<10	4.08	8680	<1	<0.01	<1	380	2	0.06	<5	<1	90	<20
382688		<10	0.01	10	3.04	9060	<1	<0.01	2	500	4	0.13	<5	<1	65	<20
382689		<10	0.01	10	3.25	11300	<1	<0.01	6	540	3	2.05	<5	1	39	<20
382690		30	4.26	10	2.36	582	1	3.41	94	1350	39	0.02	<5	7	361	<20
382691		<10	0.01	<10	1.04	3610	<1	<0.01	6	210	<2	2.64	<5	1	16	<20
382692		<10	0.02	<10	0.79	2300	<1	0.01	6	110	3	1.64	<5	<1	24	<20
382693		<10	0.01	<10	1.65	4170	<1	<0.01	1	230	2	1.33	<5	<1	61	<20
382694		<10	0.01	<10	1.40	3430	<1	<0.01	1	110	<2	1.45	<5	<1	36	<20
382695		<10	0.03	<10	12.15	390	<1	0.05	<1	30	3	0.01	<5	<1	179	<20
382696		<10	0.01	10	1.37	10250	<1	<0.01	6	780	<2	0.81	<5	1	45	<20
382697		<10	0.01	<10	2.03	5330	<1	<0.01	2	280	<2	1.22	<5	1	83	<20
382698		<10	<0.01	<10	3.19	7930	<1	<0.01	2	260	3	1.04	<5	<1	107	<20
382699		<10	0.01	<10	1.97	5690	<1	<0.01	1	170	2	0.96	<5	<1	57	<20
382700		<10	0.01	10	2.19	6270	<1	<0.01	3	280	<2	0.74	<5	<1	48	<20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129534

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382681		0.01	<10	<10	27	<10	63
382682		<0.01	<10	<10	13	<10	33
382683		0.01	<10	<10	10	<10	17
382684		<0.01	<10	<10	5	<10	12
382685		<0.01	10	<10	5	<10	10
382686		0.01	<10	<10	9	<10	11
382687		0.01	<10	<10	15	<10	10
382688		0.01	<10	<10	15	<10	11
382689		0.02	<10	<10	44	<10	78
382690		0.70	<10	<10	87	<10	52
382691		0.01	<10	<10	19	<10	32
382692		0.01	<10	<10	8	<10	21
382693		<0.01	<10	<10	21	<10	41
382694		0.01	<10	<10	25	<10	50
382695		<0.01	<10	<10	2	<10	24
382696		0.01	<10	<10	37	<10	80
382697		0.01	<10	<10	28	<10	59
382698		0.01	<10	<10	17	<10	49
382699		<0.01	<10	<10	13	<10	38
382700		0.01	<10	<10	14	<10	25

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129534

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	Au- GRA21	CRU- 31	CRU- QC
	LOG- 21	LOG- 23	PUL- 31	PUL- QC
	SPL- 21	WEI- 21		

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

ALS Canada Ltd.
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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129532

Projet: KAN

Bon de commande #: KAN- 004

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129532

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382661		4.40	0.007	<0.5	0.19	<5	10	<0.5	<2	9.81	0.6	3	9	1	17.55	<10
382662		2.60	<0.005	<0.5	0.20	<5	10	<0.5	<2	5.82	<0.5	4	9	2	16.30	<10
382663		3.32	<0.005	<0.5	0.19	<5	10	0.5	<2	8.79	0.7	3	6	<1	16.85	<10
382664		3.99	0.008	<0.5	0.20	<5	10	<0.5	<2	7.39	0.5	3	7	<1	17.45	<10
382665		4.21	0.008	<0.5	0.25	<5	10	0.7	2	5.23	0.6	4	11	1	18.90	<10
382666		3.36	0.006	<0.5	0.19	<5	10	1.0	<2	3.60	0.6	3	7	<1	18.00	<10
382667		3.84	<0.005	<0.5	0.05	<5	10	<0.5	4	4.90	0.7	1	10	<1	17.05	<10
382668		3.90	0.007	<0.5	0.05	<5	10	<0.5	<2	3.77	0.6	2	9	<1	17.10	<10
382669		6.89	0.006	<0.5	0.05	9	10	0.5	<2	3.77	0.5	2	9	<1	16.65	<10
382670		0.05	1.350	0.9	8.07	105	120	4.5	5	2.26	2.6	18	60	60	5.25	30
382671		5.33	0.005	<0.5	0.05	16	10	<0.5	2	6.86	<0.5	1	6	<1	17.75	<10
382672		5.20	0.005	<0.5	0.20	5	10	0.6	<2	1.90	<0.5	2	14	3	16.00	<10
382673		1.94	<0.005	<0.5	0.25	<5	20	<0.5	<2	1.07	<0.5	2	18	4	19.15	<10
382674		2.49	0.006	<0.5	0.40	<5	<10	<0.5	<2	2.78	0.6	2	29	17	13.95	<10
382675		0.44	0.006	<0.5	0.03	<5	210	<0.5	<2	16.2	<0.5	<1	3	<1	0.34	<10
382676		3.97	0.006	<0.5	0.19	<5	10	<0.5	<2	1.13	<0.5	1	17	1	11.55	<10
382677		3.79	<0.005	<0.5	0.13	<5	10	<0.5	2	6.94	0.5	1	11	<1	14.45	<10
382678		4.24	<0.005	<0.5	0.15	<5	10	<0.5	<2	7.90	<0.5	<1	14	<1	15.25	<10
382679		7.38	2.29	<0.5	0.02	<5	<10	<0.5	<2	0.69	<0.5	<1	25	2	2.13	<10
382680		2.32	7.47	<0.5	0.39	<5	<10	<0.5	<2	7.06	0.9	2	16	30	12.05	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129532

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382661		0.02	<10	4.69	6110	<1	0.01	3	170	3	0.07	<5	1	111	<20	0.02
382662		0.01	10	2.70	5500	<1	<0.01	1	340	2	0.12	<5	<1	50	<20	0.01
382663		0.03	10	3.44	5990	<1	<0.01	2	270	2	0.03	<5	<1	56	<20	0.01
382664		0.03	10	4.01	6440	<1	<0.01	1	250	3	0.07	<5	<1	43	<20	0.01
382665		0.01	<10	3.17	6830	<1	<0.01	1	260	<2	0.10	<5	<1	33	<20	0.01
382666		0.03	10	2.79	7050	<1	<0.01	3	260	4	0.04	<5	<1	24	<20	0.01
382667		0.02	<10	3.55	5560	<1	<0.01	<1	190	<2	0.05	<5	<1	26	<20	<0.01
382668		0.02	<10	3.46	4930	<1	<0.01	<1	190	<2	0.03	<5	<1	17	<20	<0.01
382669		0.02	<10	3.23	4840	<1	<0.01	<1	190	<2	0.03	<5	<1	17	<20	<0.01
382670		4.10	10	1.76	450	<1	3.60	69	980	154	2.75	6	5	265	<20	0.50
382671		0.02	<10	4.30	5780	<1	<0.01	<1	190	<2	0.03	<5	<1	32	<20	<0.01
382672		0.04	10	1.92	7210	<1	<0.01	1	300	<2	0.12	<5	<1	11	<20	0.01
382673		0.06	10	1.62	10250	<1	<0.01	3	520	<2	0.10	<5	1	8	<20	0.02
382674		0.02	10	2.25	7820	1	<0.01	7	570	2	0.31	<5	1	27	<20	0.06
382675		0.03	<10	11.65	406	<1	0.03	<1	30	5	<0.01	<5	<1	128	<20	<0.01
382676		0.04	<10	1.09	6190	<1	<0.01	1	440	<2	0.03	<5	1	7	<20	0.02
382677		0.02	10	3.40	5100	<1	<0.01	<1	190	<2	0.04	<5	<1	68	<20	0.01
382678		0.02	<10	3.59	5440	<1	<0.01	1	260	3	0.04	<5	<1	79	<20	0.01
382679		0.01	<10	0.29	699	<1	<0.01	<1	60	<2	0.07	<5	<1	9	<20	<0.01
382680		0.01	10	1.51	7070	<1	<0.01	2	550	2	0.18	<5	1	235	<20	0.01

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129532

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382661		<10	<10	20	<10	5
382662		<10	<10	17	<10	5
382663		<10	<10	18	<10	4
382664		<10	<10	18	<10	3
382665		<10	<10	20	<10	3
382666		<10	<10	16	<10	4
382667		10	<10	6	<10	<2
382668		<10	<10	5	<10	<2
382669		<10	<10	5	<10	<2
382670		10	<10	63	<10	233
382671		<10	<10	6	<10	<2
382672		<10	<10	13	<10	4
382673		<10	<10	18	<10	9
382674		10	<10	21	<10	12
382675		<10	<10	2	<10	41
382676		<10	<10	12	<10	4
382677		<10	<10	14	<10	4
382678		<10	<10	16	<10	4
382679		<10	<10	2	<10	2
382680		<10	<10	22	<10	44

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129532

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	CRU- QC	LOG- 21
	LOG- 23	PUL- 31	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129531

Projet: KAN

Bon de commande #: KAN- 003

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129531

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382641		5.39	<0.005	<0.5	0.14	<5	10	0.5	<2	0.37	<0.5	4	36	2	12.05	<10
382642		5.93	<0.005	<0.5	0.16	<5	10	0.7	<2	0.42	<0.5	3	23	2	16.10	<10
382643		5.14	0.007	<0.5	0.15	<5	<10	0.5	<2	0.42	<0.5	4	24	1	15.60	<10
382644		2.86	<0.005	<0.5	0.16	<5	10	<0.5	<2	0.82	<0.5	3	25	3	11.90	<10
382645		7.06	<0.005	<0.5	0.15	<5	10	<0.5	2	0.98	<0.5	3	37	3	9.59	<10
382646		2.54	0.027	<0.5	0.09	<5	10	<0.5	<2	8.73	0.5	3	8	1	12.10	<10
382647		5.13	0.075	<0.5	0.10	<5	10	<0.5	<2	5.63	0.6	1	12	1	15.25	<10
382648		2.61	0.015	<0.5	0.10	<5	20	<0.5	<2	4.28	<0.5	2	8	1	18.55	<10
382649		3.01	0.042	<0.5	0.12	<5	10	<0.5	<2	3.98	<0.5	4	10	2	17.25	<10
382650		0.05	1.345	1.1	7.87	101	120	4.4	5	2.28	2.6	19	61	62	5.06	30
382651		3.48	0.015	<0.5	0.15	<5	10	<0.5	<2	4.23	<0.5	3	10	2	18.40	<10
382652		4.28	0.374	<0.5	0.18	<5	<10	<0.5	<2	9.08	<0.5	1	8	7	15.50	<10
382653		7.51	0.147	<0.5	0.29	<5	10	<0.5	3	7.69	0.5	2	15	6	16.60	<10
382654		4.32	1.115	<0.5	0.18	<5	<10	<0.5	<2	7.47	<0.5	<1	19	2	12.15	<10
382655		0.29	<0.005	<0.5	0.15	<5	460	<0.5	<2	16.9	<0.5	<1	2	1	0.33	<10
382656		2.93	0.044	<0.5	0.43	<5	<10	<0.5	<2	6.66	<0.5	2	10	3	15.15	<10
382657		2.08	0.047	<0.5	0.39	<5	20	<0.5	5	2.49	<0.5	3	15	5	22.2	<10
382658		5.59	<0.005	<0.5	0.07	<5	10	<0.5	3	7.94	<0.5	<1	9	1	16.55	<10
382659		4.80	0.013	<0.5	0.07	<5	10	<0.5	<2	8.80	<0.5	2	23	<1	17.10	<10
382660		4.12	<0.005	<0.5	0.21	<5	10	<0.5	3	9.09	<0.5	<1	14	1	15.85	<10

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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129531

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382641		0.02	<10	1.36	4640	<1	<0.01	6	190	<2	0.06	<5	<1	3	<20	0.01
382642		0.03	<10	1.79	6230	1	<0.01	6	110	3	0.04	<5	<1	3	<20	0.02
382643		0.02	<10	1.60	6080	<1	<0.01	5	320	<2	0.04	<5	<1	4	<20	0.02
382644		0.03	<10	1.28	4960	<1	<0.01	5	340	2	0.05	<5	<1	6	<20	0.01
382645		0.03	10	1.23	4330	<1	<0.01	6	520	<2	0.08	<5	<1	8	<20	0.01
382646		0.01	<10	4.07	3700	<1	<0.01	2	50	3	0.01	<5	<1	122	<20	<0.01
382647		0.03	10	2.84	4750	<1	<0.01	3	170	4	0.03	<5	<1	69	<20	0.01
382648		0.03	10	2.81	5600	<1	<0.01	3	250	3	0.04	<5	<1	53	<20	0.01
382649		0.03	<10	2.77	5370	<1	<0.01	4	200	7	0.06	<5	<1	58	<20	0.01
382650		4.22	10	1.72	442	<1	3.59	67	950	162	2.71	12	5	256	<20	0.49
382651		0.04	<10	3.11	5650	<1	<0.01	4	100	5	0.08	<5	<1	57	<20	0.01
382652		0.01	<10	4.34	5630	1	<0.01	5	200	9	0.25	<5	<1	178	<20	<0.01
382653		0.03	<10	4.23	5490	1	<0.01	2	360	7	0.39	<5	<1	178	<20	0.01
382654		0.02	<10	3.37	4470	<1	<0.01	2	140	4	0.17	<5	<1	193	<20	<0.01
382655		0.15	<10	12.90	389	<1	0.05	<1	70	7	<0.01	<5	<1	148	<20	<0.01
382656		0.01	<10	3.69	5010	<1	<0.01	3	40	4	0.20	<5	<1	173	<20	<0.01
382657		0.05	10	2.52	8080	1	<0.01	7	440	6	0.14	<5	1	28	<20	0.02
382658		0.02	<10	4.46	5780	<1	<0.01	4	270	5	0.08	<5	<1	73	<20	<0.01
382659		0.01	10	4.42	5960	<1	<0.01	4	390	3	0.09	<5	<1	78	<20	<0.01
382660		0.02	<10	4.51	5400	<1	<0.01	5	200	6	0.09	<5	<1	94	<20	0.01

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Finalisée date: 16- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129531

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382641		<10	<10	9	<10	3
382642		<10	<10	12	<10	3
382643		<10	<10	10	<10	3
382644		<10	<10	10	<10	4
382645		<10	<10	8	<10	5
382646		<10	<10	7	<10	10
382647		<10	<10	10	<10	8
382648		<10	<10	12	<10	8
382649		<10	<10	12	<10	10
382650		<10	<10	63	<10	231
382651		<10	<10	15	<10	9
382652		<10	<10	11	<10	33
382653		<10	<10	14	<10	33
382654		<10	<10	10	<10	27
382655		<10	<10	3	230	44
382656		<10	<10	20	<10	39
382657		<10	<10	33	<10	14
382658		<10	<10	9	<10	6
382659		<10	<10	9	<10	6
382660		<10	<10	20	<10	6

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Finalisée date: 16- SEPT- 2015
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CERTIFICAT D'ANALYSE VO15129531

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	LOG- 21	LOG- 23
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

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À: EXPLORATION OSISKO – BAIE JAMES INC.
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Finalisée date: 8- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129528

Projet: KAN

Bon de commande #: KAN- 002

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

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Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
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Projet: KAN

CERTIFICAT D'ANALYSE VO15129528

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382621		6.44	0.011	<0.5	0.29	<5	10	<0.5	<2	8.86	<0.5	3	11	1	11.15	<10
382622		5.63	<0.005	<0.5	0.68	<5	10	0.6	<2	8.01	0.6	6	20	3	16.20	<10
382623		3.94	0.005	<0.5	0.56	<5	20	0.7	<2	1.59	<0.5	7	21	6	19.50	<10
382624		5.36	<0.005	<0.5	0.37	<5	10	<0.5	2	1.35	<0.5	4	14	4	17.60	<10
382625		7.30	0.285	<0.5	0.34	<5	<10	<0.5	<2	2.01	<0.5	3	18	4	14.45	<10
382626		2.91	0.010	<0.5	0.23	<5	<10	<0.5	<2	1.15	<0.5	3	18	2	11.25	<10
382627		5.24	0.066	<0.5	0.30	<5	<10	<0.5	<2	1.23	<0.5	4	18	4	16.65	<10
382628		2.89	0.007	<0.5	0.09	<5	10	<0.5	<2	1.02	<0.5	2	9	8	15.50	<10
382629		5.13	0.008	<0.5	0.19	<5	10	<0.5	2	1.64	<0.5	5	12	3	20.6	<10
382630		0.06	1.400	1.1	8.09	98	120	4.5	3	2.25	2.4	17	62	59	5.20	30
382631		5.98	0.291	<0.5	0.31	<5	<10	<0.5	4	5.90	<0.5	2	15	1	16.65	<10
382632		4.37	0.008	<0.5	0.37	<5	<10	<0.5	3	6.77	0.5	3	19	2	15.50	<10
382633		4.73	0.015	<0.5	0.25	<5	<10	<0.5	2	7.15	0.6	4	11	4	17.35	<10
382634		2.72	<0.005	<0.5	0.17	<5	<10	<0.5	<2	2.38	<0.5	2	13	1	11.90	<10
382635		0.42	<0.005	<0.5	0.03	<5	120	<0.5	<2	17.7	<0.5	<1	2	<1	0.34	<10
382636		4.48	0.006	<0.5	0.27	<5	10	<0.5	3	0.31	<0.5	2	18	1	13.70	<10
382637		3.35	<0.005	<0.5	0.16	<5	<10	<0.5	<2	0.66	<0.5	3	19	1	12.15	<10
382638		6.51	0.049	<0.5	0.09	<5	<10	<0.5	<2	1.14	<0.5	<1	14	2	13.30	<10
382639		4.33	0.005	<0.5	0.14	<5	<10	<0.5	<2	0.54	<0.5	1	10	<1	13.50	<10
382640		4.95	<0.005	<0.5	0.17	<5	10	0.6	<2	0.52	<0.5	3	14	<1	13.20	<10

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Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129528

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382621		0.08	<10	4.12	9030	<1	<0.01	1	220	2	0.02	<5	1	73	<20	0.04
382622		0.06	10	4.17	13600	<1	<0.01	4	390	4	0.03	<5	2	72	<20	0.09
382623		0.11	10	2.38	15450	<1	<0.01	8	610	2	0.09	<5	2	18	<20	0.07
382624		0.05	10	1.93	13250	<1	<0.01	4	360	<2	0.05	<5	1	14	<20	0.05
382625		0.02	<10	2.19	10500	<1	<0.01	3	270	3	0.09	<5	1	18	<20	0.05
382626		0.01	<10	1.39	8050	<1	<0.01	3	260	2	0.05	<5	1	9	<20	0.03
382627		0.01	10	2.25	11750	<1	<0.01	6	460	2	0.08	<5	1	11	<20	0.06
382628		0.02	<10	1.59	10500	<1	<0.01	2	340	<2	0.16	<5	<1	9	<20	0.01
382629		0.05	10	2.50	13800	<1	<0.01	4	550	<2	0.14	<5	1	14	<20	0.02
382630		4.07	10	1.70	482	<1	3.55	65	950	153	2.66	6	5	262	<20	0.48
382631		0.02	<10	3.53	10250	<1	0.01	3	260	<2	0.06	<5	1	52	<20	0.03
382632		0.01	<10	3.54	9660	<1	<0.01	3	300	4	0.10	<5	1	57	<20	0.04
382633		0.02	10	3.91	10950	<1	<0.01	3	380	4	0.15	<5	1	59	<20	0.02
382634		0.03	<10	1.55	7460	<1	<0.01	2	550	<2	0.06	<5	1	20	<20	0.02
382635		0.01	<10	12.60	499	<1	0.02	<1	50	3	<0.01	<5	<1	188	<20	<0.01
382636		0.03	<10	1.53	7660	<1	<0.01	3	130	<2	0.07	<5	1	2	<20	0.03
382637		0.02	<10	1.44	6550	<1	<0.01	2	430	<2	0.07	<5	<1	6	<20	0.02
382638		0.01	<10	1.62	6530	<1	<0.01	1	230	<2	0.13	<5	<1	8	<20	0.01
382639		0.01	<10	0.89	5590	<1	<0.01	3	120	<2	0.03	<5	<1	4	<20	0.01
382640		0.02	<10	1.63	5270	<1	<0.01	3	110	<2	0.04	<5	<1	4	<20	0.02

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Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129528

Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382621		10	<10	24	<10	6
382622		<10	10	48	<10	13
382623		10	<10	43	<10	16
382624		10	<10	31	<10	13
382625		<10	<10	26	<10	13
382626		<10	<10	15	<10	10
382627		<10	<10	24	<10	16
382628		<10	<10	10	<10	15
382629		<10	<10	19	<10	18
382630		<10	<10	62	<10	226
382631		<10	<10	20	<10	17
382632		<10	<10	25	<10	19
382633		<10	<10	19	<10	19
382634		<10	<10	12	<10	12
382635		<10	10	3	<10	37
382636		<10	<10	15	<10	13
382637		<10	<10	10	<10	9
382638		<10	<10	8	<10	11
382639		<10	<10	10	<10	4
382640		<10	<10	12	<10	3

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CERTIFICAT D'ANALYSE VO15129528

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	LOG- 21	LOG- 23
	PUL- 31	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP61

ALS Canada Ltd.
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www.alsglobal.com

À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 8- SEPT- 2015
Compte: MINVIR

CERTIFICAT VO15129527

Projet: KAN

Bon de commande #: KAN- 001

Ce rapport s'applique aux 20 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 25- AOUT- 2015.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30 g fini FA- AA	AAS
ME- ICP61	33 éléments, quatre acides ICP- AES	ICP- AES

À: EXPLORATION OSISKO – BAIE JAMES INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICAT D'ANALYSE VO15129527

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP61 Ag ppm 0.5	ME- ICP61 Al % 0.01	ME- ICP61 As ppm 5	ME- ICP61 Ba ppm 10	ME- ICP61 Be ppm 0.5	ME- ICP61 Bi ppm 2	ME- ICP61 Ca % 0.01	ME- ICP61 Cd ppm 0.5	ME- ICP61 Co ppm 1	ME- ICP61 Cr ppm 1	ME- ICP61 Cu ppm 1	ME- ICP61 Fe % 0.01	ME- ICP61 Ga ppm 10
382601		3.67	0.008	<0.5	0.36	8	10	<0.5	4	7.17	0.5	3	11	4	16.75	<10
382602		4.52	0.142	<0.5	0.52	<5	20	<0.5	<2	7.66	0.6	4	17	9	13.05	<10
382603		4.18	0.006	<0.5	0.22	5	10	<0.5	<2	7.61	<0.5	4	14	2	9.54	<10
382604		5.96	<0.005	<0.5	0.29	<5	<10	<0.5	<2	3.24	0.5	4	9	3	15.60	<10
382605		3.16	0.426	<0.5	0.45	<5	10	<0.5	<2	7.29	0.6	9	16	24	16.30	<10
382606		3.99	0.015	<0.5	0.41	<5	<10	<0.5	<2	7.38	<0.5	4	9	5	16.10	<10
382607		3.16	<0.005	<0.5	0.22	<5	<10	<0.5	<2	6.32	0.5	3	8	<1	12.55	<10
382608		3.79	<0.005	<0.5	0.30	<5	<10	<0.5	<2	6.85	<0.5	3	10	2	13.25	<10
382609		4.24	<0.005	<0.5	0.74	<5	<10	<0.5	2	8.69	0.6	5	16	6	16.90	<10
382610		0.06	1.295	1.1	7.24	93	100	4.2	<2	2.11	2.4	17	63	60	4.85	20
382611		4.56	<0.005	<0.5	0.32	<5	<10	<0.5	<2	6.98	<0.5	2	11	5	14.15	<10
382612		4.10	0.007	<0.5	0.72	<5	<10	0.5	<2	8.98	0.5	5	16	5	15.65	<10
382613		4.53	0.008	<0.5	0.49	<5	10	0.5	2	7.72	0.5	8	17	14	17.40	<10
382614		2.97	0.005	<0.5	0.29	<5	10	<0.5	<2	5.48	<0.5	4	12	5	12.15	<10
382615		0.30	0.006	<0.5	0.13	<5	160	<0.5	<2	17.8	<0.5	<1	5	1	0.27	<10
382616		4.15	<0.005	<0.5	0.41	<5	10	<0.5	<2	7.68	<0.5	2	14	3	11.05	<10
382617		3.74	0.239	<0.5	0.58	<5	10	<0.5	3	3.63	0.5	4	15	12	17.50	<10
382618		5.35	0.015	<0.5	0.57	<5	<10	<0.5	<2	5.61	0.5	5	12	8	17.95	<10
382619		6.23	0.005	<0.5	0.33	<5	<10	<0.5	<2	8.65	<0.5	3	11	<1	10.90	<10
382620		6.90	0.005	<0.5	0.26	<5	10	<0.5	<2	8.90	<0.5	3	9	1	11.50	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: EXPLORATION OSISKO – BAIE JAMES INC.
300, RUE ST- PAUL
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Finalisée date: 8- SEPT- 2015
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO15129527

Description échantillon	Méthode élément unités L.D.	ME- ICP61 K % 0.01	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01
382601		0.03	10	4.71	10850	<1	<0.01	6	500	5	0.06	<5	1	111	<20	0.05
382602		0.06	10	4.06	7380	<1	<0.01	3	370	4	0.14	<5	2	144	<20	0.06
382603		0.03	<10	3.28	5900	<1	<0.01	6	400	2	0.04	<5	1	146	<20	0.02
382604		0.01	10	3.11	9730	<1	<0.01	2	350	2	0.07	<5	1	60	<20	0.04
382605		0.01	10	4.68	9310	<1	<0.01	12	590	8	0.48	<5	1	161	<20	0.10
382606		0.01	10	4.81	8480	<1	<0.01	3	700	3	0.11	<5	1	91	<20	0.07
382607		<0.01	<10	3.42	10100	<1	<0.01	1	340	3	0.01	<5	1	81	<20	0.03
382608		0.01	10	3.47	11400	<1	<0.01	2	360	5	0.02	<5	1	83	<20	0.04
382609		0.01	10	4.83	14150	<1	<0.01	6	420	5	0.07	<5	2	107	<20	0.08
382610		3.86	10	1.66	428	<1	3.32	63	880	138	2.47	<5	5	238	<20	0.46
382611		0.02	<10	3.83	12200	<1	<0.01	2	340	3	0.05	<5	1	84	<20	0.04
382612		0.03	10	4.32	13150	<1	<0.01	6	360	3	0.05	<5	2	94	<20	0.07
382613		0.10	10	4.64	14650	<1	<0.01	16	480	6	0.19	<5	2	82	<20	0.07
382614		0.05	<10	3.02	10700	<1	<0.01	8	260	4	0.08	<5	1	47	<20	0.04
382615		0.08	<10	12.10	475	<1	0.08	<1	70	11	<0.01	<5	<1	157	<20	<0.01
382616		0.04	10	3.64	5250	<1	<0.01	<1	480	4	0.05	<5	1	167	<20	0.06
382617		0.04	10	4.16	4490	<1	<0.01	<1	570	4	0.21	5	1	54	<20	0.08
382618		0.02	10	4.36	7770	<1	<0.01	2	560	5	0.13	<5	1	101	<20	0.08
382619		0.02	<10	4.04	8920	<1	<0.01	3	220	3	0.01	<5	1	81	<20	0.04
382620		0.06	<10	4.06	9540	<1	<0.01	<1	230	3	0.01	<5	1	75	<20	0.03

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Description échantillon	Méthode élément unités L.D.	ME- ICP61 Tl ppm 10	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
382601		10	<10	24	<10	16
382602		<10	<10	31	<10	17
382603		<10	<10	14	<10	11
382604		<10	<10	17	<10	13
382605		<10	<10	28	<10	18
382606		10	<10	26	<10	16
382607		10	<10	17	<10	7
382608		<10	<10	22	<10	8
382609		<10	<10	51	<10	13
382610		<10	<10	58	<10	224
382611		10	<10	24	<10	10
382612		<10	<10	46	<10	11
382613		10	<10	40	<10	12
382614		<10	<10	21	<10	11
382615		<10	<10	3	<10	17
382616		<10	<10	24	<10	15
382617		<10	<10	33	<10	20
382618		10	<10	34	<10	19
382619		<10	<10	26	<10	8
382620		10	<10	22	<10	7

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COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP61

Quality Analysis ... *Innovative Technologies*

Date Submitted: 25-Aug-15
Invoice No.: A15-06972
Invoice Date: 02-Oct-15
Your Reference: KAN

Exploration Osisko Baie-James
300 Rue St-Paul
Suite 200
Quebec QC G1K 7R1
Canada

ATTN: Pascal Simard (Inv)

CERTIFICATE OF ANALYSIS

336 Soil samples were submitted for analysis.

The following analytical package was requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A15-06972**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

FOOTNOTE: 307911 insufficient material for INAA analysis.

CERTIFIED BY:



Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
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Results

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
307301	< 2	0.3	13	< 0.3	3	15	17	48	< 0.01	6.62	2.4	570	1	< 2	< 0.5	1.29	6	40	< 1	0.4	6.97	6	< 1
307302	< 2	1.0	63	0.6	14	19	33	99	0.06	2.77	67.7	< 50	< 1	3	11.9	1.10	9	48	< 1	0.5	12.5	2	< 1
307303	< 2	0.5	69	< 0.3	6	24	39	159	0.05	6.71	40.4	520	1	2	7.1	0.97	12	76	< 1	0.2	8.50	4	< 1
307304	45	0.9	14	< 0.3	31	42	4	43	0.10	7.70	176	320	2	4	< 0.5	0.15	3	162	3	< 0.2	8.67	5	< 1
307305	< 2	0.5	98	< 0.3	2	16	56	134	0.03	6.85	29.3	510	1	< 2	5.6	0.83	32	94	< 1	0.7	6.78	4	< 1
307306	< 2	0.8	30	< 0.3	2	7	12	72	0.02	0.86	163	< 50	< 1	6	5.2	0.12	4	18	1	0.3	14.8	< 1	< 1
307307	30	< 0.3	13	< 0.3	< 1	3	3	20	0.02	0.45	6.5	< 50	< 1	4	2.6	0.09	3	6	< 1	0.2	11.9	< 1	< 1
307308	92	< 0.3	12	0.3	< 1	8	13	53	0.05	1.40	12.7	< 50	< 1	7	19.8	0.71	12	28	< 1	0.6	21.1	1	< 1
307309	< 2	1.0	52	0.4	3	17	32	73	0.08	1.31	31.4	< 50	< 1	4	21.5	1.02	13	36	< 1	0.9	23.3	< 1	< 1
307310	< 2	0.9	78	< 0.3	8	34	41	182	0.04	6.39	43.7	600	1	< 2	7.6	0.89	14	64	< 1	< 0.2	8.02	5	< 1
307311	< 2	0.4	30	0.5	< 1	14	42	125	< 0.01	7.32	7.4	900	2	< 2	< 0.5	1.18	15	77	4	1.1	4.85	5	< 1
307312	20	0.5	54	0.6	< 1	8	23	155	0.05	1.85	23.5	< 50	< 1	2	17.6	0.77	12	32	< 1	0.7	20.2	1	1
307313	13	< 0.3	27	< 0.3	2	13	19	56	0.02	0.75	200	< 50	< 1	6	2.7	0.13	15	28	< 1	0.3	22.8	< 1	< 1
307314	< 2	0.4	114	< 0.3	2	23	76	123	0.03	8.10	11.0	460	2	3	< 0.5	0.88	24	110	2	1.1	8.03	3	< 1
307315	< 2	< 0.3	56	< 0.3	2	21	46	229	0.02	6.55	19.2	400	2	2	8.2	1.10	14	73	2	1.0	9.61	4	< 1
307316	< 2	< 0.3	32	< 0.3	< 1	15	43	112	0.02	7.36	7.7	660	2	< 2	< 0.5	1.29	19	82	2	1.2	5.01	5	< 1
307317	< 2	< 0.3	30	< 0.3	< 1	16	36	95	< 0.01	7.38	6.6	490	2	< 2	1.0	1.34	16	69	4	1.0	4.89	4	< 1
307318	< 2	0.4	20	0.9	< 1	7	14	52	0.02	1.08	1.8	290	< 1	6	8.2	0.31	6	17	1	< 0.2	39.9	< 1	< 1
307319	353	< 0.3	67	0.3	< 1	8	13	15	0.03	0.43	1.6	< 50	< 1	6	10.2	0.29	7	14	< 1	0.6	23.8	< 1	< 1
307320	< 2	< 0.3	22	< 0.3	< 1	15	32	65	< 0.01	6.95	7.5	650	2	< 2	< 0.5	1.19	12	76	2	1.0	4.47	5	< 1
307321	< 2	0.6	74	< 0.3	8	49	44	211	0.07	6.45	49.0	580	1	3	6.2	0.69	11	78	4	0.8	10.6	4	< 1
307322	< 2	0.4	76	< 0.3	7	47	41	185	0.09	6.93	35.4	530	1	3	< 0.5	0.85	14	72	2	0.9	7.75	4	< 1
307323	< 2	< 0.3	28	< 0.3	< 1	12	32	59	< 0.01	7.30	7.1	690	2	< 2	< 0.5	1.27	11	73	2	0.8	4.07	5	< 1
307324	< 2	< 0.3	23	< 0.3	< 1	15	29	64	< 0.01	6.99	6.0	600	2	< 2	< 0.5	1.27	12	65	1	0.8	3.90	5	< 1
307325	< 2	< 0.3	32	< 0.3	< 1	21	40	100	0.01	7.32	10.5	690	2	< 2	1.6	1.06	13	68	4	0.9	4.96	5	< 1
307326	17	0.6	112	0.3	13	42	40	212	0.05	6.92	51.8	500	1	< 2	5.5	0.95	22	57	< 1	0.6	8.81	4	< 1
307327	< 2	0.4	141	< 0.3	3	21	15	96	0.33	1.12	16.7	< 50	< 1	6	4.8	0.07	5	32	1	0.2	21.5	1	< 1
307328	< 2	0.5	42	0.9	< 1	33	43	421	0.01	7.57	7.7	730	2	< 2	< 0.5	1.14	19	77	3	0.8	4.69	5	< 1
307329	< 2	< 0.3	32	< 0.3	< 1	21	34	80	< 0.01	7.18	5.1	750	2	3	< 0.5	1.22	13	70	< 1	0.8	4.30	6	< 1
307330	< 2	1.4	67	< 0.3	5	19	35	112	0.05	6.37	19.0	220	1	2	4.0	0.87	9	126	< 1	0.3	9.48	2	< 1
307331	61	2.1	240	0.9	45	32	47	235	0.06	5.15	57.8	< 50	< 1	4	8.6	0.59	16	73	< 1	0.8	15.0	3	< 1
307332	30	< 0.3	114	< 0.3	16	31	49	292	0.07	6.63	53.6	480	1	2	< 0.5	0.79	12	73	< 1	0.6	10.4	4	< 1
307333	< 2	< 0.3	40	< 0.3	< 1	16	41	85	< 0.01	7.49	11.4	550	2	< 2	< 0.5	1.21	18	77	2	0.9	5.49	5	< 1
307334	< 2	< 0.3	20	< 0.3	< 1	13	31	61	< 0.01	7.36	3.8	600	2	< 2	5.5	1.14	13	76	< 1	0.8	4.76	4	< 1
307335	< 2	2.1	113	< 0.3	12	36	40	127	0.59	5.70	66.5	< 50	< 1	3	12.3	0.75	11	78	< 1	0.4	13.2	3	< 1
307336	< 2	0.4	47	< 0.3	< 1	14	33	86	0.03	7.03	6.9	680	2	< 2	< 0.5	1.30	12	74	3	0.9	5.20	5	< 1
307337	66	0.6	71	< 0.3	30	26	38	197	0.19	7.20	68.2	520	2	3	11.7	0.81	14	86	4	0.8	11.9	4	< 1
307338	33	1.9	145	1.7	13	41	43	286	0.05	6.16	96.9	410	1	< 2	7.2	0.69	21	85	< 1	0.7	15.1	3	< 1
307339	< 2	< 0.3	32	< 0.3	< 1	13	41	136	< 0.01	7.20	6.9	610	2	< 2	< 0.5	1.15	13	64	4	1.0	4.95	4	< 1
307340	< 2	< 0.3	41	< 0.3	2	19	33	79	0.07	7.05	10.2	460	1	< 2	2.9	1.00	14	75	3	0.9	6.82	5	< 1
307341	< 2	< 0.3	192	0.8	9	14	103	137	0.04	6.77	1.9	< 50	2	3	< 0.5	0.33	32	28	< 1	2.5	12.0	7	< 1
307342	37	1.0	92	0.3	22	38	47	197	0.11	6.91	79.3	350	1	2	5.8	0.85	12	77	2	0.8	11.4	4	< 1
307343	< 2	< 0.3	29	< 0.3	2	16	37	80	0.01	7.36	13.5	720	2	< 2	< 0.5	1.25	17	83	4	0.8	5.63	6	< 1
307344	< 2	< 0.3	42	< 0.3	< 1	15	48	143	0.03	7.43	9.5	560	2	2	7.8	1.21	18	101	3	1.0	7.02	3	< 1
307345	< 2	0.5	31	< 0.3	< 1	15	39	128	0.02	7.16	7.9	710	2	3	< 0.5	1.37	15	68	4	1.0	6.09	6	< 1
307346	11	0.6	101	0.5	9	28	58	219	0.04	6.21	33.1	400	1	< 2	8.8	0.99	29	82	2	0.6	11.9	4	< 1
307347	203	< 0.3	12	< 0.3	< 1	4	6	29	0.02	0.28	20.8	< 50	< 1	< 2	9.1	0.23	5	6	< 1	0.2	15.9	< 1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
307348	< 2	< 0.3	4	< 0.3	< 1	3	5	13	0.02	0.31	6.1	< 50	< 1	< 2	9.7	0.38	4	13	< 1	0.2	12.9	< 1	< 1
307349	< 2	0.5	49	< 0.3	10	22	26	146	0.02	6.08	41.8	490	1	< 2	6.5	0.95	7	60	1	0.6	9.18	4	< 1
307350	13	0.3	95	< 0.3	8	34	35	183	0.03	6.41	60.4	510	1	< 2	4.8	0.93	15	55	< 1	0.3	9.28	5	< 1
307451	24	< 0.3	60	< 0.3	3	18	37	116	0.02	6.79	45.7	350	1	3	9.9	0.73	18	84	< 1	0.6	8.22	4	< 1
307452	< 2	< 0.3	27	< 0.3	< 1	16	35	66	< 0.01	7.53	7.1	510	2	< 2	< 0.5	1.32	16	79	2	0.9	4.69	5	< 1
307453	< 2	0.7	57	< 0.3	2	63	39	202	0.03	7.26	104	620	1	< 2	7.2	0.87	13	81	3	0.3	7.95	6	< 1
307454	18	0.5	46	< 0.3	9	47	33	156	0.03	7.06	65.0	490	1	3	8.1	0.74	8	79	3	0.5	9.09	4	< 1
307455	< 2	0.5	35	< 0.3	< 1	16	40	78	0.01	7.99	8.1	770	2	< 2	< 0.5	1.33	14	75	2	0.9	4.94	4	< 1
307456	< 2	0.3	30	< 0.3	< 1	16	41	84	0.01	8.05	6.9	590	2	< 2	< 0.5	1.31	16	84	3	1.1	4.97	4	< 1
307457	< 2	0.7	114	0.5	1	11	33	60	0.16	0.46	26.4	< 50	< 1	4	6.5	0.62	16	16	< 1	0.8	30.0	< 1	< 1
307458	< 2	0.5	54	< 0.3	4	18	41	155	0.02	7.18	44.9	390	1	< 2	2.7	0.81	14	79	2	0.5	7.08	4	< 1
307459	< 2	< 0.3	50	< 0.3	< 1	17	48	144	0.01	7.45	9.8	540	2	< 2	< 0.5	1.20	18	86	4	1.0	5.87	5	< 1
307460	14	2.0	49	< 0.3	3	26	31	79	0.02	5.26	24.5	530	1	< 2	5.9	1.08	13	69	< 1	0.6	11.3	8	< 1
307461	98	6.2	338	0.8	7	133	102	187	0.06	3.46	164	< 50	< 1	9	20.7	0.58	42	71	< 1	0.5	24.8	3	< 1
307462	< 2	< 0.3	24	< 0.3	< 1	14	33	65	< 0.01	7.19	8.7	610	2	< 2	< 0.5	1.19	12	72	2	0.6	4.57	5	< 1
307463	< 2	0.4	88	< 0.3	6	22	56	173	0.04	6.88	22.8	490	1	< 2	2.9	1.11	15	68	1	0.8	7.74	5	< 1
307464	34	1.0	73	0.5	31	44	46	254	0.21	6.20	79.5	220	2	< 2	7.8	0.82	13	97	< 1	0.7	14.8	3	< 1
307465	< 2	0.5	118	< 0.3	7	37	100	100	0.04	6.56	63.9	< 50	< 1	5	4.5	0.15	87	132	< 1	0.5	15.6	2	< 1
307466	< 2	1.2	331	0.6	< 1	31	36	64	0.07	0.65	9.5	< 50	< 1	4	20.1	0.70	15	39	< 1	0.9	37.0	< 1	< 1
307467	42	2.9	75	0.5	14	47	11	84	0.06	1.93	15.4	< 50	< 1	5	8.7	0.20	3	38	< 1	0.2	22.7	3	< 1
307468	< 2	< 0.3	82	< 0.3	2	20	45	141	0.01	7.09	19.7	310	1	< 2	< 0.5	1.14	22	69	< 1	0.5	5.50	5	< 1
307469	< 2	< 0.3	21	< 0.3	< 1	15	30	62	0.09	7.26	4.4	840	2	< 2	< 0.5	1.40	14	58	< 1	0.5	4.54	5	< 1
307470	< 2	< 0.3	65	0.6	< 1	18	44	153	0.02	7.61	18.1	480	2	< 2	< 0.5	1.02	21	90	3	0.4	6.25	5	< 1
307471	< 2	< 0.3	14	< 0.3	< 1	4	9	30	0.06	0.32	4.8	< 50	< 1	< 2	6.8	0.55	6	10	< 1	0.2	12.5	< 1	< 1
307472	< 2	< 0.3	15	0.3	< 1	6	8	34	0.02	0.13	4.3	< 50	< 1	8	3.9	0.15	4	4	< 1	0.5	18.5	< 1	< 1
307473	70	< 0.3	12	< 0.3	< 1	5	7	23	0.03	0.60	21.5	< 50	< 1	< 2	10.9	0.38	5	15	3	0.2	12.4	< 1	< 1
307474	< 2	0.9	104	1.7	22	31	47	484	0.05	5.52	94.2	550	1	< 2	11.7	0.99	18	73	< 1	0.4	11.1	5	< 1
307475	< 2	0.4	63	< 0.3	3	22	32	111	0.07	6.94	30.3	400	1	< 2	2.8	0.98	10	73	2	< 0.2	7.49	6	< 1
307476	< 2	1.1	33	< 0.3	2	16	34	69	0.02	7.74	14.0	560	2	< 2	8.9	0.90	13	85	4	0.3	6.52	5	< 1
307477	620	< 0.3	60	0.4	< 1	8	33	42	0.03	0.49	5.3	< 50	< 1	8	8.1	0.15	7	12	< 1	0.4	23.0	< 1	< 1
307478	764	0.3	228	< 0.3	< 1	9	24	28	0.09	0.42	106	< 50	< 1	5	6.9	0.09	7	34	< 1	0.3	26.1	< 1	< 1
307479	18	1.6	115	0.4	2	12	16	32	0.28	1.73	8.4	190	< 1	5	11.1	0.35	< 1	35	< 1	0.2	31.2	4	< 1
307480	< 2	0.5	110	1.2	2	15	96	173	0.06	6.52	7.8	< 50	< 1	2	12.0	0.38	68	126	< 1	0.7	14.7	1	< 1
307481	< 2	0.8	58	< 0.3	35	29	34	138	0.20	7.04	48.7	520	1	< 2	< 0.5	0.83	11	81	3	0.3	8.50	4	< 1
307482	68	< 0.3	8	< 0.3	1	9	7	36	0.04	0.43	4.4	< 50	< 1	9	21.4	1.22	6	27	< 1	0.2	19.6	< 1	< 1
307483	48	0.5	182	1.8	1	30	96	294	0.15	2.50	10.3	< 50	< 1	< 2	27.2	3.09	62	36	< 1	0.5	10.6	1	< 1
307484	47	< 0.3	5	< 0.3	< 1	8	4	24	0.04	0.25	3.7	< 50	< 1	4	10.4	7.70	4	11	< 1	0.3	15.6	< 1	< 1
307485	122	< 0.3	10	0.4	< 1	11	12	27	0.04	2.31	6.8	< 50	1	7	21.6	0.96	7	36	< 1	0.6	26.4	3	< 1
307486	15	< 0.3	23	< 0.3	2	5	15	16	0.13	1.10	40.8	< 50	1	5	34.3	2.00	10	36	< 1	0.6	17.2	1	< 1
307487	< 2	< 0.3	21	< 0.3	< 1	8	20	14	0.03	0.74	8.7	< 50	1	4	15.6	0.46	12	32	< 1	0.6	22.6	< 1	< 1
307488	14	0.5	36	< 0.3	< 1	7	26	29	0.06	2.73	15.6	< 50	2	3	33.6	1.00	17	71	2	0.7	20.4	3	< 1
307489	28	< 0.3	100	< 0.3	< 1	5	17	31	0.05	1.25	6.2	< 50	< 1	2	29.7	0.96	11	32	< 1	0.7	17.0	< 1	< 1
307490	< 2	< 0.3	35	0.3	< 1	8	30	26	0.06	2.35	23.2	< 50	2	5	31.8	0.80	18	70	< 1	0.8	22.6	2	< 1
307491	< 2	< 0.3	29	< 0.3	< 1	6	21	23	0.06	1.40	11.6	< 50	1	3	40.0	1.19	12	30	< 1	0.7	19.5	2	< 1
307492	< 2	< 0.3	23	0.4	< 1	5	22	21	0.04	1.58	7.3	< 50	< 1	5	12.5	0.50	14	46	< 1	0.9	28.8	1	< 1
307493	58	< 0.3	34	< 0.3	< 1	7	14	18	0.10	1.03	9.0	< 50	< 1	6	42.4	2.19	6	27	< 1	0.4	14.3	< 1	< 1
307494	300	< 0.3	14	0.3	< 1	9	11	39	0.04	0.83	4.4	< 50	< 1	3	22.2	0.83	7	18	< 1	0.4	20.5	< 1	< 1
307495	54	< 0.3	13	0.4	< 1	8	11	27	0.05	0.80	11.3	< 50	< 1	3	23.9	1.69	9	15	2	0.4	22.7	< 1	< 1
307496	1340	< 0.3	17	< 0.3	2	13	10	48	0.05	1.20	4.9	< 50	< 1	8	25.8	1.00	9	11	< 1	0.8	24.3	1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
307497	18100	2.2	48	0.6	< 1	16	11	47	0.04	0.49	6.4	< 50	< 1	4	24.0	0.75	13	8	< 1	0.7	42.7	< 1	< 1
307498	767	< 0.3	13	0.3	< 1	8	11	28	0.05	0.73	5.7	< 50	< 1	6	26.5	1.08	7	25	9	0.3	28.5	< 1	< 1
307499	18	< 0.3	14	< 0.3	< 1	8	11	34	0.05	1.22	11.0	< 50	< 1	5	34.9	0.82	9	24	< 1	0.4	20.6	1	< 1
307500	10	< 0.3	13	0.3	< 1	7	14	15	0.04	0.75	16.2	< 50	1	5	18.3	0.35	9	49	< 1	1.3	23.4	< 1	< 1
307751	< 2	0.4	31	< 0.3	< 1	16	36	92	0.01	7.41	7.0	770	2	< 2	< 0.5	1.42	15	76	2	0.6	5.05	7	< 1
307752	< 2	0.3	25	< 0.3	< 1	15	36	95	0.01	7.44	6.6	1090	2	< 2	7.8	1.34	13	79	5	0.6	6.02	7	< 1
307753	40	1.8	88	< 0.3	23	44	26	147	0.06	5.90	33.9	610	2	2	7.4	0.69	8	82	< 1	0.7	15.2	2	< 1
307754	83	8.9	118	0.3	7	77	12	73	0.10	3.70	71.9	200	< 1	6	13.2	0.33	6	57	< 1	0.4	29.1	4	< 1
307755	96	0.6	24	0.7	< 1	14	18	90	0.04	1.13	10.2	< 50	< 1	7	33.3	0.62	11	34	< 1	0.9	42.0	< 1	< 1
307756	76	1.2	133	0.9	8	31	68	420	0.04	6.69	67.7	620	1	< 2	14.0	1.10	22	72	6	0.6	11.7	4	< 1
307757	< 2	1.1	47	< 0.3	5	25	28	114	0.03	6.84	37.1	740	1	< 2	8.6	0.96	9	66	< 1	0.6	8.82	5	< 1
307758	< 2	0.6	120	< 0.3	3	12	75	189	0.02	7.21	12.4	520	1	< 2	< 0.5	1.15	32	73	< 1	0.9	5.88	4	< 1
307759	< 2	< 0.3	31	< 0.3	< 1	15	40	110	< 0.01	7.72	5.6	650	2	< 2	< 0.5	1.24	16	96	4	1.0	5.07	4	< 1
307760	288	0.7	185	0.3	3	20	77	127	0.07	6.41	154	< 50	< 1	5	9.3	0.31	58	129	< 1	0.9	19.4	3	< 1
307761	23	0.6	57	0.4	14	23	40	249	0.05	6.27	69.4	420	1	< 2	9.7	1.10	12	59	1	0.4	9.64	4	< 1
307762	< 2	0.6	17	< 0.3	1	13	24	56	0.01	7.22	4.0	600	1	< 2	< 0.5	1.44	11	60	3	0.8	4.62	9	< 1
307763	300	< 0.3	9	< 0.3	< 1	4	4	18	0.05	0.24	12.9	< 50	< 1	< 2	3.7	0.15	5	3	< 1	0.3	9.87	< 1	< 1
307764	32	0.6	93	< 0.3	9	33	39	213	0.04	5.96	57.4	460	1	4	4.6	0.77	10	66	< 1	0.6	14.3	4	< 1
307765	< 2	0.7	115	< 0.3	4	38	59	185	0.03	6.55	51.1	310	1	< 2	8.1	0.94	21	79	2	0.5	10.8	4	< 1
307766	57	1.5	66	0.4	19	47	39	203	0.05	6.24	110	470	1	< 2	3.8	0.80	17	75	< 1	0.4	14.1	5	< 1
307767	59	1.1	90	< 0.3	27	81	32	117	0.07	3.80	373	< 50	< 1	6	5.8	0.09	17	91	3	0.3	18.0	2	< 1
307768	197	< 0.3	13	< 0.3	2	6	15	30	0.04	1.11	32.4	< 50	1	7	13.8	0.39	12	25	6	0.7	22.5	1	< 1
307769	1490	0.4	19	< 0.3	< 1	6	7	22	0.03	0.28	5.2	< 50	< 1	4	14.4	0.27	5	8	5	0.5	23.4	< 1	< 1
307770	12	< 0.3	55	< 0.3	3	< 3	12	20	0.03	0.48	2.3	< 50	1	4	6.4	0.09	5	16	< 1	0.5	17.0	< 1	< 1
307771	22	0.7	85	< 0.3	14	36	38	162	0.04	6.53	55.3	360	1	3	8.2	0.97	12	66	< 1	0.6	9.55	5	< 1
307772	< 2	< 0.3	30	< 0.3	< 1	16	41	73	0.01	7.48	7.9	710	2	< 2	< 0.5	1.45	18	78	3	0.8	5.39	5	< 1
307773	< 2	< 0.3	35	0.3	2	17	49	112	0.01	7.51	9.1	690	2	< 2	< 0.5	1.34	21	88	6	1.2	5.77	5	< 1
307774	54	1.3	90	< 0.3	13	39	30	167	0.08	5.59	143	220	< 1	5	6.9	0.44	10	93	< 1	0.4	17.1	3	< 1
307775	1690	1.0	83	0.3	< 1	8	19	92	0.04	1.03	38.2	< 50	< 1	6	4.3	0.07	11	16	< 1	0.5	32.0	< 1	< 1
307776	< 2	0.3	348	0.9	< 1	5	225	670	0.03	5.23	17.4	< 50	< 1	6	3.3	1.17	125	138	< 1	1.6	21.2	2	< 1
307777	59	0.9	94	0.3	37	57	22	161	0.48	5.18	133	410	1	< 2	3.6	0.47	5	89	< 1	0.7	17.3	3	< 1
307778	< 2	< 0.3	24	< 0.3	3	7	74	162	0.02	7.14	91.2	< 50	< 1	3	< 0.5	0.27	66	186	< 1	0.4	12.7	2	< 1
307779	53	1.9	162	0.7	4	46	52	293	0.09	1.41	31.0	< 50	< 1	6	41.3	0.49	21	62	< 1	0.6	40.0	< 1	< 1
307780	100	1.6	315	5.2	28	41	140	1270	0.84	4.45	156	940	1	4	13.4	0.65	45	46	< 1	1.4	16.2	4	< 1
307781	38	4.1	45	< 0.3	13	36	22	81	0.05	4.17	47.6	< 50	1	< 2	6.3	0.64	7	56	< 1	0.7	14.8	3	< 1
307782	55	1.0	253	1.4	13	43	81	637	0.06	4.06	41.4	< 50	1	4	6.3	0.66	47	65	< 1	0.2	21.1	3	< 1
307783	< 2	< 0.3	54	< 0.3	3	10	18	95	0.12	1.38	15.0	< 50	1	< 2	40.0	1.66	11	19	< 1	< 0.2	18.9	< 1	< 1
307784	48	0.4	96	0.4	< 1	5	11	48	0.06	0.10	8.5	< 50	< 1	5	< 0.5	0.50	14	13	< 1	0.2	27.8	< 1	< 1
307785	240	0.4	20	0.4	1	7	22	80	0.03	1.28	27.8	< 50	< 1	5	5.6	0.18	12	34	< 1	0.8	21.1	< 1	< 1
307786	< 2	1.1	124	1.3	3	15	61	261	0.05	3.10	19.8	< 50	< 1	5	3.4	0.33	27	56	< 1	1.0	21.6	1	< 1
307787	< 2	< 0.3	19	< 0.3	< 1	12	27	64	< 0.01	7.16	10.3	< 50	1	< 2	< 0.5	1.17	12	69	3	0.5	4.43	6	< 1
307788	< 2	< 0.3	103	< 0.3	2	31	75	195	0.04	6.83	47.8	< 50	< 1	3	< 0.5	0.59	63	191	< 1	0.3	11.8	3	< 1
307789	139	< 0.3	15	< 0.3	< 1	4	9	19	0.03	0.14	10.2	< 50	< 1	< 2	7.2	1.58	4	8	< 1	0.3	10.8	< 1	< 1
307790	19	0.7	94	0.5	< 1	17	38	32	0.06	0.62	7.1	< 50	< 1	6	16.5	0.39	36	22	< 1	1.0	33.9	< 1	< 1
307791	23	< 0.3	118	6.6	< 1	8	285	884	0.09	2.21	35.7	< 50	2	7	36.5	0.99	92	32	< 1	2.2	34.4	< 1	< 1
307792	< 2	7.0	198	0.5	13	45	24	69	0.08	2.35	23.4	< 50	< 1	6	12.6	0.67	9	49	< 1	0.6	30.4	3	< 1
307793	101	3.0	76	< 0.3	32	74	12	108	0.31	7.42	159	< 50	2	6	< 0.5	0.09	< 1	107	< 1	1.2	17.6	3	< 1
307794	42	1.9	130	0.6	13	108	46	113	0.06	5.46	82.9	< 50	1	< 2	13.1	0.84	20	76	< 1	0.7	16.4	4	< 1
307795	17	5.0	176	0.3	24	97	9	88	0.24	3.31	79.7	< 50	1	4	6.1	0.06	5	67	< 1	0.4	36.7	4	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
307796	15	1.6	192	0.7	11	36	7	45	0.13	1.21	18.3	< 50	< 1	6	7.7	0.12	2	49	< 1	< 0.2	40.1	< 1	< 1
307797	39	0.4	24	< 0.3	2	12	15	17	0.05	0.89	102	< 50	< 1	7	22.9	0.46	18	28	< 1	0.9	29.6	< 1	< 1
307798	33	1.0	96	0.4	9	25	43	163	0.04	6.13	67.9	590	1	< 2	12.6	0.77	18	99	< 1	< 0.2	13.6	4	< 1
307799	21	< 0.3	65	< 0.3	4	17	35	77	0.09	7.17	18.8	790	1	< 2	< 0.5	1.04	25	101	< 1	0.8	7.46	4	< 1
307800	37	0.5	46	1.3	1	12	22	140	0.07	0.92	7.1	< 50	< 1	4	31.5	1.59	9	34	< 1	0.8	29.0	< 1	< 1
307151	55	0.7	92	0.5	7	26	28	102	0.04	5.87	49.5	700	1	2	5.8	0.83	17	70	< 1	0.4	11.6	4	< 1
307152	< 2	1.7	100	0.4	18	41	16	71	0.17	4.12	195	240	1	< 2	1.2	0.21	< 1	56	< 1	0.8	16.0	4	< 1
307153	912	< 0.3	13	0.6	3	8	21	72	0.03	0.90	64.0	< 50	< 1	2	7.8	0.53	15	26	< 1	0.5	19.7	< 1	< 1
307154	73	0.9	81	< 0.3	59	47	47	225	0.96	6.53	113	320	2	3	8.8	0.39	11	113	< 1	1.3	15.4	2	< 1
307155	3070	0.7	94	0.6	< 1	8	29	49	0.06	0.38	7.5	< 50	< 1	4	4.5	0.40	12	13	< 1	0.7	34.8	< 1	< 1
307156	29	0.7	67	0.4	21	39	23	317	0.07	7.05	149	480	1	< 2	6.5	0.70	12	123	< 1	0.8	11.1	5	< 1
307157	43	0.9	91	< 0.3	54	104	20	154	0.54	3.81	146	150	1	4	< 0.5	0.17	6	69	< 1	1.1	21.9	2	< 1
307158	63	1.2	122	< 0.3	10	60	15	55	0.15	3.65	83.5	540	< 1	3	6.4	0.55	5	59	< 1	0.2	21.5	4	< 1
307159	< 2	0.4	90	< 0.3	8	23	29	105	0.05	5.90	38.5	520	1	< 2	1.5	0.75	12	70	< 1	0.8	10.2	5	< 1
307160	< 2	< 0.3	67	< 0.3	1	21	33	82	0.12	7.42	10.1	1030	1	< 2	< 0.5	0.73	15	93	3	0.4	6.58	7	< 1
307161	36	0.6	125	< 0.3	9	26	42	141	0.06	6.62	123	290	1	< 2	4.9	1.02	15	139	5	0.5	12.3	5	< 1
307162	144	3.6	151	< 0.3	8	358	23	327	0.21	4.53	1060	190	< 1	6	11.1	0.36	10	105	< 1	0.2	18.0	5	2
307163	57	0.4	65	0.5	< 1	8	17	77	0.20	0.47	6.3	< 50	< 1	7	< 0.5	0.11	9	11	< 1	0.5	26.3	< 1	< 1
307164	4070	0.6	45	< 0.3	< 1	10	7	38	0.21	0.77	54.9	< 50	< 1	< 2	2.1	1.73	14	18	5	0.3	21.4	< 1	< 1
307165	676	0.3	22	0.3	< 1	8	8	47	0.06	0.40	44.6	< 50	< 1	3	7.1	0.45	8	7	2	0.2	25.0	< 1	< 1
307166	16	0.5	140	0.3	< 1	11	77	302	0.02	6.82	88.0	260	1	< 2	6.0	0.70	39	95	< 1	1.0	9.08	4	< 1
307167	92	2.2	105	0.5	59	137	54	201	0.21	4.78	305	< 50	1	6	9.4	0.46	12	75	< 1	0.2	17.8	4	< 1
307168	42	1.3	181	0.4	16	16	80	159	0.07	5.94	38.8	260	1	5	8.0	0.46	53	97	< 1	0.7	16.0	4	< 1
307169	203	0.9	88	< 0.3	10	31	31	127	0.08	3.32	62.3	< 50	< 1	7	7.7	0.68	13	65	< 1	0.6	17.1	3	< 1
307170	123	0.9	117	0.7	27	39	50	377	0.05	5.45	33.4	670	1	3	10.6	0.84	18	78	3	0.8	11.8	5	< 1
307171	< 2	0.7	188	1.4	3	27	52	464	0.06	7.16	669	< 50	< 1	6	1.6	0.11	29	185	< 1	0.2	19.1	3	1
307172	87	2.7	72	< 0.3	23	43	20	162	0.54	5.25	161	380	1	6	11.5	0.41	6	74	< 1	0.6	18.7	6	< 1
307173	38	2.2	105	< 0.3	24	44	21	119	0.40	5.02	95.7	230	< 1	< 2	2.9	0.41	8	85	2	0.9	17.7	5	< 1
307174	33	2.6	214	0.8	9	93	51	313	0.15	2.04	67.3	330	< 1	5	28.7	0.30	22	62	< 1	0.5	39.6	3	< 1
307175	< 2	1.5	252	0.8	7	32	13	208	0.44	0.64	44.6	< 50	< 1	5	11.5	0.09	4	37	< 1	< 0.2	45.7	1	< 1
307176	251	2.5	130	0.6	12	177	16	389	0.22	1.86	72.7	< 50	< 1	4	25.1	0.25	13	44	< 1	0.3	34.9	2	< 1
307177	31	0.7	274	3.4	5	22	121	460	0.12	3.06	54.3	170	< 1	4	16.6	0.25	130	44	< 1	1.2	25.3	2	< 1
307178	< 2	0.5	122	12.3	1	12	199	703	0.15	2.74	15.7	230	1	5	16.7	0.20	481	31	< 1	1.3	31.9	< 1	< 1
307179	28	5.4	135	0.3	72	45	40	368	0.11	4.44	77.1	230	1	< 2	5.2	0.42	8	74	< 1	0.9	16.8	4	< 1
307180	265	1.1	144	< 0.3	35	43	37	281	0.07	4.53	363	320	1	5	8.8	0.38	12	74	< 1	0.8	23.4	5	< 1
307181	14	0.5	86	< 0.3	8	25	30	178	0.03	6.47	52.8	390	1	< 2	4.8	0.70	11	78	2	0.6	10.6	5	< 1
307182	< 2	< 0.3	36	< 0.3	3	16	37	103	0.02	7.30	18.0	720	2	< 2	5.0	1.07	13	77	2	0.8	6.14	6	< 1
307183	< 2	0.4	81	< 0.3	2	15	57	194	0.02	8.22	10.0	830	2	< 2	10.3	0.72	22	107	6	0.5	6.65	4	< 1
307184	230	1.0	115	< 0.3	3	17	125	499	0.10	6.25	77.4	590	2	4	27.6	0.87	27	82	4	2.2	14.4	3	< 1
307185	16	0.5	61	0.4	11	16	63	359	0.06	6.91	27.2	570	2	3	13.1	0.78	23	92	5	0.9	12.1	6	< 1
307186	255	2.3	146	< 0.3	20	59	16	232	0.31	2.70	150	< 50	< 1	5	1.9	0.02	3	41	< 1	0.2	28.9	4	< 1
307187	2530	0.6	135	0.6	< 1	13	22	310	0.43	0.51	337	< 50	< 1	2	9.7	0.04	6	10	< 1	< 0.2	26.4	< 1	< 1
307188	65	0.5	24	0.3	1	5	8	32	0.03	0.24	14.0	< 50	< 1	5	8.0	0.24	10	7	< 1	0.3	18.5	< 1	< 1
307189	49	1.1	100	2.1	15	30	70	358	0.05	6.36	46.5	410	2	< 2	9.1	0.74	33	56	4	0.8	9.44	4	< 1
307190	65	10.5	182	0.5	16	80	4	140	0.43	1.49	20.5	< 50	< 1	5	1.6	0.03	< 1	39	< 1	< 0.2	37.0	2	< 1
307191	23	1.6	219	0.6	8	29	13	94	0.47	0.96	105	< 50	< 1	6	2.5	0.05	< 1	32	< 1	0.4	39.5	2	< 1
307192	19	0.9	91	0.5	4	23	38	175	0.04	5.90	34.1	730	1	< 2	10.1	0.81	18	64	2	1.0	12.3	4	< 1
307193	< 2	1.4	53	< 0.3	7	16	25	126	0.13	6.30	34.5	680	1	< 2	4.3	0.95	11	80	< 1	< 0.2	9.94	4	< 1
307194	29	4.5	47	< 0.3	5	19	29	93	0.10	7.26	23.5	680	1	< 2	10.1	0.76	11	95	1	0.2	9.78	5	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
307195	< 2	0.7	109	0.3	< 1	30	186	182	0.04	5.05	300	< 50	< 1	< 2	10.5	0.23	36	133	2	< 0.2	19.0	2	< 1
307196	15	1.7	185	0.5	18	49	45	225	0.10	5.08	57.0	430	1	3	13.7	0.78	21	88	3	0.7	17.0	3	< 1
307197	< 2	0.9	11	< 0.3	9	8	5	22	0.05	6.76	114	200	1	< 2	< 0.5	0.12	< 1	173	< 1	0.6	9.59	3	< 1
307198	1140	1.6	90	0.3	46	80	27	216	0.28	5.14	103	< 50	1	2	< 0.5	0.46	7	70	< 1	0.3	16.7	4	< 1
307199	< 2	1.9	78	< 0.3	16	31	15	136	0.10	5.81	70.9	190	1	4	5.3	0.62	6	77	< 1	< 0.2	14.7	3	< 1
307200	45	0.9	135	1.1	20	41	66	476	0.17	4.30	82.0	< 50	< 1	8	8.5	0.52	12	69	1	0.5	22.5	4	< 1
307901	25	0.7	23	< 0.3	< 1	11	26	68	0.03	6.10	5.6	660	1	< 2	5.0	2.31	13	58	< 1	0.7	7.02	5	< 1
307902	743	< 0.3	52	0.8	2	15	49	248	0.06	3.81	9.4	250	< 1	4	27.6	1.41	16	72	< 1	0.7	19.4	3	< 1
307903	43	< 0.3	19	< 0.3	1	11	21	44	0.02	6.25	5.7	690	1	< 2	4.5	1.42	10	50	< 1	0.8	7.19	4	< 1
307904	1970	< 0.3	26	0.5	1	12	15	65	0.06	0.79	< 0.5	< 50	< 1	6	4.7	0.35	8	31	< 1	0.8	28.9	< 1	< 1
307905	14	< 0.3	5	< 0.3	< 1	7	9	17	0.03	0.18	2.1	< 50	< 1	7	< 0.5	2.30	4	24	< 1	0.2	16.9	< 1	< 1
307906	68	< 0.3	9	0.4	< 1	9	10	26	0.03	1.04	3.3	< 50	3	5	15.3	0.99	7	23	< 1	0.6	24.3	< 1	< 1
307907	1020	< 0.3	22	< 0.3	< 1	13	25	62	0.02	6.77	4.4	750	1	< 2	5.4	1.59	12	54	< 1	0.7	5.09	5	< 1
307908	< 2	< 0.3	18	0.3	< 1	9	27	28	0.03	2.02	4.0	< 50	1	< 2	15.0	0.86	14	58	< 1	0.8	23.5	2	< 1
307909	< 2	0.4	19	< 0.3	< 1	12	27	44	0.05	5.05	4.6	720	1	< 2	21.7	1.57	14	67	< 1	0.9	12.3	5	< 1
307910	< 2	< 0.3	12	0.3	< 1	10	16	21	0.05	0.76	2.2	< 50	1	3	23.3	0.83	10	25	< 1	0.7	28.0	< 1	< 1
307911		2.9	24	< 0.3	1	9	9	31	0.03	0.21			< 1	5		9.28							
307912	236	4.3	13	0.4	< 1	12	10	38	0.04	0.78	4.6	< 50	< 1	7	20.1	0.95	7	16	< 1	0.8	27.5	< 1	< 1
307913	131	< 0.3	6	< 0.3	< 1	7	4	34	0.03	0.31	4.4	< 50	< 1	8	10.8	8.60	5	6	< 1	0.4	20.5	< 1	< 1
307914	84	< 0.3	27	< 0.3	< 1	10	19	22	0.03	1.42	8.7	< 50	1	5	8.3	0.46	10	33	< 1	0.5	20.3	1	< 1
307915	23	< 0.3	49	0.4	< 1	6	28	28	0.09	1.69	42.8	< 50	3	3	54.9	1.16	19	87	< 1	1.1	24.2	< 1	< 1
307916	38	< 0.3	101	< 0.3	< 1	< 3	79	82	0.02	6.45	< 0.5	< 50	< 1	6	6.9	0.72	47	214	< 1	0.5	16.4	2	< 1
307917	61	< 0.3	31	< 0.3	< 1	13	19	35	0.05	3.31	5.5	< 50	< 1	< 2	26.6	1.33	12	61	< 1	0.5	12.7	3	< 1
307918	< 2	< 0.3	32	< 0.3	1	10	18	27	0.07	2.02	11.4	< 50	< 1	3	37.6	1.32	8	44	< 1	0.7	16.0	3	< 1
307919	< 2	< 0.3	27	0.4	< 1	7	21	16	0.03	1.26	23.8	< 50	3	5	10.4	0.43	16	35	< 1	0.7	33.6	< 1	< 1
307920	< 2	< 0.3	49	0.3	< 1	8	34	23	0.04	1.77	39.5	< 50	4	9	17.3	0.41	26	99	< 1	1.1	32.0	1	< 1
307921	< 2	< 0.3	267	< 0.3	< 1	< 3	118	86	0.03	7.25	< 0.5	< 50	< 1	4	< 0.5	1.34	68	320	4	< 0.2	12.5	2	< 1
307922	< 2	0.4	34	< 0.3	2	6	8	10	0.05	1.33	18.1	< 50	1	3	< 0.5	0.17	3	52	1	0.2	16.2	1	< 1
307923	< 2	0.3	8	< 0.3	1	7	9	17	0.03	0.53	8.6	< 50	< 1	4	15.8	8.33	8	21	< 1	0.4	24.9	< 1	< 1
307924	23	< 0.3	13	< 0.3	< 1	3	3	9	0.02	0.17	0.7	< 50	< 1	2	5.8	0.28	2	3	< 1	< 0.2	12.0	< 1	< 1
307925	< 2	1.4	19	< 0.3	< 1	7	11	30	0.06	0.73	5.3	< 50	< 1	< 2	24.9	0.90	8	20	< 1	< 0.2	23.7	< 1	< 1
307926	< 2	< 0.3	24	0.4	< 1	19	78	35	0.04	1.74	40.0	< 50	1	3	23.9	2.44	36	43	< 1	0.8	33.9	2	< 1
308051	< 2	< 0.3	32	< 0.3	< 1	< 3	5	24	0.19	0.07	24.1	< 50	< 1	< 2	< 0.5	0.77	3	< 2	< 1	< 0.2	12.6	< 1	< 1
308052	19	1.0	65	< 0.3	9	41	25	129	0.08	6.22	62.8	560	1	2	5.4	0.58	4	71	2	0.6	11.6	4	< 1
308053	88	< 0.3	8	< 0.3	< 1	4	4	16	0.02	0.19	5.1	< 50	< 1	3	6.1	1.21	5	< 2	< 1	0.3	14.4	< 1	< 1
308054	2260	< 0.3	6	< 0.3	< 1	< 3	1	10	0.02	0.17	50.5	< 50	< 1	< 2	4.0	0.21	5	< 2	< 1	< 0.2	6.58	< 1	< 1
308055	47	< 0.3	15	0.3	< 1	7	16	10	0.03	0.41	< 0.5	< 50	1	5	6.5	0.13	16	16	< 1	0.6	22.7	< 1	< 1
308056	116	3.0	62	< 0.3	47	176	4	161	0.29	3.28	172	< 50	< 1	5	7.9	0.05	< 1	59	< 1	0.7	24.1	3	< 1
308057	< 2	< 0.3	8	< 0.3	< 1	7	7	29	0.04	0.60	4.3	< 50	1	6	19.2	0.50	6	< 2	< 1	0.7	21.4	< 1	< 1
308058	46	0.8	25	0.4	< 1	< 3	26	41	0.06	0.58	5.6	< 50	< 1	< 2	27.7	0.88	6	18	< 1	1.1	13.8	1	< 1
308059	22	1.3	147	0.7	21	31	54	259	0.13	4.18	85.2	< 50	1	4	10.5	0.65	11	72	3	0.8	20.8	3	< 1
308060	95	3.6	98	< 0.3	32	25	25	224	0.13	4.19	84.9	< 50	1	< 2	5.8	0.21	6	89	5	0.6	22.1	2	< 1
308061	62	1.0	99	< 0.3	46	34	25	271	0.11	4.07	120	< 50	1	5	3.4	0.16	10	84	5	0.6	23.4	2	< 1
308062	70	4.0	50	< 0.3	46	71	12	184	0.16	6.40	257	< 50	2	8	< 0.5	0.03	< 1	113	< 1	0.9	19.2	6	< 1
308063	31	1.6	81	0.3	32	39	21	250	0.18	6.22	63.3	580	2	< 2	6.3	0.54	< 1	57	4	< 0.2	12.4	4	< 1
308064	< 2	2.9	255	0.6	3	11	31	92	0.07	1.93	13.6	< 50	< 1	3	13.1	0.50	11	55	< 1	0.6	20.2	2	< 1
308065	68	1.5	77	3.7	18	28	49	283	0.05	2.30	27.3	< 50	1	5	15.9	0.31	19	49	< 1	1.0	21.4	< 1	< 1
308066	< 2	0.8	29	< 0.3	3	13	44	36	0.13	5.90	11.5	620	1	< 2	23.4	0.88	< 1	50	4	< 0.2	5.36	6	< 1
308067	19	1.9	96	0.5	69	56	18	68	0.13	5.58	150	480	3	3	4.6	0.08	< 1	93	< 1	0.9	17.6	6	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
308068	20	0.7	93	< 0.3	8	26	57	326	0.06	7.66	143	< 50	1	4	10.4	0.17	36	178	< 1	0.8	15.3	4	< 1
308069	24	1.5	74	< 0.3	25	36	21	243	0.08	5.79	130	< 50	1	< 2	13.5	0.46	7	70	< 1	< 0.2	15.3	6	< 1
308070	< 2	0.7	57	< 0.3	4	14	42	111	0.03	7.81	17.0	1000	2	< 2	7.7	0.86	25	86	4	< 0.2	6.56	6	< 1
308071	46	0.3	76	< 0.3	26	30	23	231	0.09	7.03	81.0	< 50	2	< 2	15.0	0.36	4	80	5	1.1	11.9	4	< 1
308072	< 2	< 0.3	19	< 0.3	1	12	10	53	0.02	8.26	9.1	500	2	< 2	4.5	0.30	6	99	8	< 0.2	4.66	4	< 1
308073	< 2	0.4	38	< 0.3	< 1	18	10	46	0.02	6.99	14.4	730	1	< 2	< 0.5	0.40	< 1	76	3	1.0	4.76	9	< 1
308074	< 2	0.4	40	< 0.3	< 1	10	41	109	0.02	10.3	30.1	< 50	2	< 2	< 0.5	0.04	13	104	< 1	1.5	7.99	5	< 1
308075	70	29.1	172	1.0	69	99	39	183	0.09	5.59	313	320	2	5	9.6	0.20	< 1	78	7	0.8	24.3	3	< 1
308076	36	4.7	137	< 0.3	36	38	33	314	0.16	5.35	67.0	500	2	2	< 0.5	0.25	8	80	< 1	0.7	18.6	3	< 1
308077	28	1.4	106	< 0.3	43	30	26	249	0.15	4.74	75.8	< 50	2	3	8.0	0.28	7	70	4	< 0.2	18.0	4	< 1
308078	18	1.2	73	0.7	41	23	41	372	0.06	4.40	52.5	< 50	1	< 2	11.6	0.87	12	61	< 1	0.7	12.5	4	< 1
308079	45	17.7	1350	2.8	82	40	144	321	0.11	2.96	558	1430	1	2	37.4	1.33	70	45	< 1	4.2	17.7	3	< 1
308080	20	0.3	52	1.1	6	21	60	339	0.04	3.71	28.8	< 50	1	2	19.3	0.82	28	55	4	0.9	16.6	3	< 1
308081	< 2	< 0.3	15	0.7	< 1	7	15	59	0.04	0.62	72.3	< 50	< 1	5	8.5	0.25	11	27	< 1	1.1	20.4	< 1	< 1
308082	< 2	0.3	39	< 0.3	< 1	7	12	54	0.49	0.25	5.6	< 50	< 1	5	5.6	4.65	9	9	< 1	0.4	22.9	< 1	< 1
308083	< 2	< 0.3	46	0.3	< 1	6	12	58	0.05	0.35	4.7	< 50	< 1	6	5.6	0.27	7	13	< 1	0.6	20.9	< 1	< 1
308084	43	9.6	429	3.3	159	96	41	360	0.35	1.23	192	< 50	< 1	6	22.9	0.12	19	29	< 1	1.5	28.8	< 1	< 1
308085	54	1.1	81	1.7	37	98	67	239	0.12	8.91	104	< 50	4	2	14.1	0.48	26	112	6	1.2	7.12	4	< 1
308086	< 2	0.4	62	< 0.3	8	42	25	94	0.02	7.93	18.8	240	2	< 2	7.8	0.35	6	73	3	0.9	7.09	3	< 1
308087	< 2	< 0.3	53	< 0.3	7	32	25	91	0.04	7.70	55.4	260	2	< 2	3.5	0.42	7	76	3	1.0	12.1	5	< 1
308088	< 2	< 0.3	13	3.9	3	< 3	12	208	0.05	0.33	6.6	< 50	< 1	< 2	7.4	0.59	3	5	< 1	< 0.2	8.02	< 1	< 1
308089	105	0.3	124	5.7	< 1	7	84	338	0.07	1.51	10.7	< 50	< 1	7	20.8	0.65	20	46	< 1	1.3	19.8	< 1	< 1
308090	122	3.8	61	0.4	108	182	5	262	0.24	7.29	18.7	< 50	5	6	< 0.5	0.07	< 1	187	< 1	1.1	18.6	3	< 1
308201	< 2	2.3	99	0.5	18	21	32	208	0.08	1.50	45.2	< 50	< 1	10	12.2	0.45	10	43	< 1	0.8	34.0	< 1	< 1
308202	48	1.4	75	0.7	45	54	57	360	0.18	3.68	96.9	< 50	1	3	25.0	0.72	18	68	3	0.4	23.8	2	< 1
308203	44	2.5	74	< 0.3	50	69	5	78	0.46	6.54	46.0	340	4	< 2	3.8	0.23	< 1	110	< 1	1.5	13.9	3	< 1
308204	< 2	< 0.3	6	< 0.3	< 1	4	7	13	0.03	0.26	6.3	< 50	< 1	5	12.2	0.62	6	11	< 1	0.4	18.1	< 1	< 1
308205	75	0.8	74	0.7	1	10	29	38	0.04	0.30	77.4	< 50	1	5	7.4	0.06	29	6	< 1	0.7	37.4	< 1	< 1
308206	35	4.5	135	0.9	< 1	17	59	158	0.07	1.91	12.2	180	< 1	3	29.0	0.78	14	42	< 1	0.6	26.6	1	< 1
308207	81	1.1	55	0.5	27	34	39	215	0.43	6.70	98.1	480	2	< 2	14.8	0.35	29	97	3	0.6	14.2	2	< 1
308208	58	0.7	47	0.3	69	42	37	308	0.17	6.13	140	< 50	2	< 2	8.6	0.30	10	105	18	1.7	15.6	4	< 1
308209	62	1.2	82	2.8	17	24	43	422	0.10	5.68	49.2	530	1	< 2	17.9	1.15	15	67	4	0.8	11.9	6	< 1
308210	< 2	< 0.3	56	0.4	2	14	41	139	0.02	7.36	19.7	660	2	< 2	< 0.5	1.27	18	89	2	1.0	5.51	4	< 1
308211	14	0.8	75	0.5	21	38	27	227	0.06	5.44	71.5	310	1	< 2	7.2	0.64	8	71	< 1	0.4	15.4	4	< 1
308212	9	1.4	181	< 0.3	7	61	56	57	0.20	3.35	80.6	< 50	3	5	< 0.5	0.15	20	57	1	1.5	17.5	2	< 1
308213	47	1.1	88	< 0.3	58	44	45	510	0.91	5.50	197	450	1	3	11.1	0.57	9	60	3	0.8	14.0	3	< 1
308214	47	4.3	86	< 0.3	55	72	59	491	0.20	5.40	188	< 50	1	2	< 0.5	0.39	7	64	< 1	0.6	18.5	3	< 1
308215	38	1.3	150	0.3	21	34	32	339	0.11	4.67	69.7	220	1	5	10.8	0.68	13	52	< 1	0.2	19.9	2	< 1
308216	120	2.5	67	0.5	58	79	13	542	0.14	4.55	7.9	< 50	1	6	7.9	0.51	< 1	78	< 1	0.7	18.2	2	< 1
308217	< 2	0.3	32	< 0.3	2	13	40	107	0.02	7.73	7.1	580	2	< 2	2.8	1.49	11	80	2	1.3	4.67	6	< 1
308218	< 2	0.5	52	< 0.3	2	15	48	130	0.03	7.77	13.7	580	2	< 2	< 0.5	1.37	14	74	2	1.2	6.11	5	< 1
308219	36	1.9	97	0.6	19	29	40	247	0.10	4.47	55.6	270	1	3	9.0	0.90	14	64	4	0.7	16.6	3	< 1
308220	29	1.7	163	1.5	28	24	34	543	0.09	3.77	171	< 50	1	3	7.6	0.68	11	58	2	0.2	22.0	3	< 1
308221	43	1.4	148	1.9	27	49	84	988	0.09	4.54	117	200	1	7	9.0	0.95	20	51	3	0.8	18.6	2	1
308222	14	0.7	103	1.2	12	34	66	472	0.06	6.50	44.6	450	2	2	7.8	0.86	21	63	1	0.9	11.3	3	< 1
308223	< 2	< 0.3	36	0.6	3	17	44	167	0.07	5.72	17.3	420	1	< 2	9.5	1.17	28	182	4	0.5	7.70	4	< 1
308224	< 2	< 0.3	203	1.1	3	17	44	192	0.11	4.48	14.3	510	1	< 2	22.6	2.38	28	51	< 1	0.9	7.85	4	< 1
308225	< 2	< 0.3	4	< 0.3	< 1	< 3	7	27	0.03	0.11	15.1	< 50	< 1	< 2	4.9	0.56	5	7	< 1	< 0.2	5.87	< 1	< 1
308226	< 2	2.4	298	1.4	12	44	71	177	0.32	1.31	130	< 50	< 1	5	17.7	0.91	45	33	< 1	0.6	33.5	< 1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
308227	63	3.7	109	1.2	47	106	73	421	0.90	5.81	284	< 50	2	4	17.6	0.80	14	65	6	0.8	17.1	3	< 1
308228	< 2	< 0.3	27	0.7	6	11	30	212	0.05	3.38	24.6	300	1	< 2	11.3	0.62	11	48	4	0.3	10.1	2	< 1
308229	10	0.5	55	1.0	4	14	32	179	0.03	5.15	19.3	270	1	< 2	10.5	1.23	15	59	4	0.6	10.8	4	< 1
307601	144	< 0.3	7	< 0.3	< 1	8	10	24	0.03	0.57	7.1	< 50	< 1	5	11.6	5.46	7	14	< 1	0.4	27.2	< 1	< 1
307602	37	< 0.3	12	0.4	2	7	10	70	0.05	0.61	5.1	< 50	< 1	4	17.1	5.89	9	17	< 1	0.6	30.8	< 1	< 1
307603	< 2	< 0.3	24	0.5	< 1	3	25	20	0.02	1.27	15.7	< 50	1	3	9.0	0.22	16	43	< 1	0.6	27.0	1	< 1
307604	93	< 0.3	29	< 0.3	1	12	28	81	0.05	5.70	10.6	190	2	< 2	13.8	1.45	12	72	3	0.8	9.75	5	< 1
307605	24	< 0.3	52	0.5	< 1	4	20	40	0.05	1.21	7.2	< 50	< 1	4	28.1	0.85	20	40	< 1	0.8	32.4	< 1	< 1
307606	7	< 0.3	14	0.3	1	6	13	32	0.03	0.85	13.2	< 50	< 1	5	10.7	0.50	9	31	< 1	0.5	23.5	< 1	< 1
307607	< 2	< 0.3	25	0.4	< 1	6	19	42	0.04	1.36	6.6	< 50	< 1	3	19.4	0.70	12	36	< 1	0.6	19.6	1	< 1
307608	< 2	2.3	31	< 0.3	5	20	27	109	0.04	6.42	26.6	630	1	< 2	< 0.5	0.96	6	71	< 1	0.6	8.36	7	< 1
307609	16	1.6	57	< 0.3	6	17	23	60	0.10	5.13	19.3	340	< 1	< 2	23.1	0.70	9	63	< 1	0.5	9.86	4	< 1
307610	61	5.0	65	< 0.3	58	54	6	86	0.30	6.18	378	390	2	3	6.2	0.15	< 1	71	< 1	1.3	14.1	4	< 1
307611	58	18.1	197	< 0.3	122	63	21	198	0.34	1.71	69.3	< 50	< 1	3	29.2	0.26	4	56	< 1	0.9	22.5	1	< 1
307612	122	8.3	69	< 0.3	576	440	15	370	0.66	1.56	84.9	< 50	1	3	12.6	0.06	< 1	48	< 1	2.5	21.4	< 1	< 1
307613	92	4.5	119	< 0.3	257	192	41	260	0.19	2.63	670	< 50	1	2	11.8	0.20	5	63	< 1	1.4	22.2	2	< 1
307614	< 2	< 0.3	20	0.4	2	5	17	47	0.04	0.54	7.4	< 50	< 1	< 2	6.4	0.22	15	19	< 1	0.4	21.8	< 1	< 1
307615	1750	0.5	103	2.2	3	10	120	458	0.07	3.18	178	< 50	< 1	2	20.3	0.43	37	33	< 1	0.7	20.3	< 1	< 1
307616	92	1.1	56	< 0.3	44	50	7	157	0.30	6.12	25.8	190	4	5	< 0.5	0.01	< 1	138	< 1	0.7	16.7	3	< 1
307617	< 2	0.5	85	0.6	1	7	131	106	0.03	0.18	5.3	< 50	< 1	3	7.0	0.12	18	14	< 1	0.9	25.3	< 1	< 1
307618	808	0.9	114	1.1	< 1	10	205	202	0.05	1.36	38.2	< 50	< 1	4	9.4	0.32	16	20	< 1	0.6	33.3	< 1	< 1
307619	164	0.3	84	0.8	< 1	17	16	74	0.32	0.30	22.2	< 50	< 1	4	7.9	0.04	7	24	< 1	0.4	37.1	< 1	< 1
307620	< 2	0.5	35	< 0.3	3	12	31	85	0.02	6.75	14.7	590	1	< 2	< 0.5	1.05	13	61	2	0.5	5.62	4	< 1
307621	< 2	< 0.3	263	2.5	< 1	11	148	501	0.03	5.28	37.3	< 50	< 1	< 2	2.5	0.09	93	120	< 1	1.2	16.0	1	< 1
307622	29	0.9	90	< 0.3	30	56	28	193	0.08	4.22	58.4	450	1	3	7.1	0.42	5	54	1	0.4	20.1	3	< 1
307623	697	3.9	75	0.7	3	22	38	104	0.09	1.50	15.4	< 50	< 1	3	18.5	0.71	27	36	< 1	1.6	33.2	1	< 1
307624	40	< 0.3	165	1.5	2	13	68	269	0.17	3.60	16.5	< 50	1	3	25.2	0.53	56	48	< 1	0.7	27.3	3	< 1
307625	< 2	< 0.3	7	< 0.3	< 1	4	10	41	0.06	0.75	22.5	< 50	2	< 2	26.6	0.65	9	20	6	0.4	16.7	< 1	< 1
307626	17	0.4	71	3.1	2	10	213	541	0.07	5.19	47.8	520	2	< 2	19.8	1.04	44	57	1	2.0	13.0	2	< 1
307627	26	1.4	127	2.4	7	13	149	627	0.15	5.72	49.7	510	2	3	21.1	0.98	38	75	4	1.6	12.7	3	< 1
307628	25	1.2	170	1.8	10	18	225	970	0.13	6.36	41.0	610	2	< 2	19.8	0.78	40	88	2	1.8	14.1	4	< 1
307629	11	0.3	90	1.4	19	31	94	512	0.12	5.49	34.0	340	2	< 2	11.8	0.85	26	74	4	1.1	9.79	3	< 1
307630	38	2.8	64	0.9	75	63	15	215	0.49	5.67	148	280	1	2	4.4	0.19	< 1	72	2	1.8	12.7	5	< 1
307631	9	< 0.3	11	< 0.3	< 1	4	18	27	0.04	0.88	49.6	< 50	4	< 2	11.4	0.48	15	38	< 1	0.9	18.3	1	< 1
307632	1960	< 0.3	36	< 0.3	< 1	18	13	40	0.10	0.23	6.5	< 50	< 1	3	6.2	0.43	25	5	2	0.5	15.5	< 1	< 1
307633	< 2	1.0	64	0.3	6	25	32	152	0.07	5.69	44.5	300	1	2	5.7	0.55	11	67	4	0.8	10.4	5	< 1
307634	133	2.6	109	< 0.3	42	205	14	123	0.19	4.47	338	< 50	1	4	< 0.5	0.03	4	96	< 1	0.8	20.3	2	< 1
307635	78	3.6	78	< 0.3	81	89	44	396	0.48	5.18	268	180	1	< 2	7.2	0.25	7	71	< 1	0.7	17.0	4	< 1
307636	< 2	0.3	56	< 0.3	2	16	74	120	0.03	10.2	13.1	620	2	< 2	< 0.5	0.05	19	108	8	1.1	7.58	5	< 1
307637	36	1.9	95	0.3	40	34	16	276	0.16	5.76	134	< 50	2	2	1.1	0.06	3	93	< 1	1.0	22.1	4	< 1
307638	410	< 0.3	149	0.4	1	7	62	77	0.14	1.04	14.2	< 50	< 1	3	3.8	0.02	5	43	< 1	0.7	21.7	1	< 1
307639	1220	0.8	65	1.0	< 1	5	74	132	0.04	0.78	212	< 50	< 1	4	7.6	0.28	12	39	1	0.6	31.8	1	< 1
307640	28	0.7	87	< 0.3	36	29	31	296	0.16	3.83	123	110	1	< 2	4.3	0.27	8	62	< 1	0.8	20.5	3	< 1
307641	685	0.7	65	< 0.3	26	35	28	152	0.14	5.16	129	200	1	< 2	2.8	0.66	8	73	< 1	0.5	16.5	6	< 1

Results

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
307301	< 5	2.23	12	0.63	657	2.19	0.046	92	0.4	6.5	< 3	275	< 0.5	0.23	6.6	3.6	65	< 1	14	23.3	43	20	3.1
307302	< 5	0.77	7	0.59	5820	0.63	0.082	< 15	2.2	6.0	< 3	75	< 0.5	0.15	3.5	6.9	107	< 1	10	14.5	24	11	1.9
307303	< 5	2.01	18	0.99	453	1.77	0.049	145	2.0	11.9	< 3	177	< 0.5	0.30	4.7	2.8	132	< 1	11	20.7	32	21	2.9
307304	< 5	2.71	14	0.57	106	0.56	0.037	252	8.0	17.9	16	54	< 0.5	0.48	4.2	3.4	224	< 1	9	9.7	20	6	2.3
307305	< 5	1.88	34	1.27	1060	1.48	0.047	< 15	1.1	14.1	< 3	170	< 0.5	0.34	8.7	1.4	110	< 1	13	24.8	48	17	3.9
307306	< 5	0.26	2	0.18	2540	0.16	0.033	< 15	0.7	1.7	< 3	21	< 0.5	0.05	1.2	< 0.5	28	< 1	6	7.4	12	< 5	1.0
307307	< 5	0.08	< 1	0.19	3340	0.07	0.039	< 15	< 0.1	0.7	< 3	13	< 0.5	0.02	0.4	< 0.5	18	< 1	10	5.1	8	< 5	0.8
307308	< 5	0.30	3	0.51	9150	0.27	0.086	< 15	0.3	2.3	< 3	49	< 0.5	0.11	2.0	1.8	43	< 1	11	13.4	26	7	1.9
307309	< 5	0.18	8	0.64	8130	0.17	0.081	< 15	1.3	4.3	< 3	35	< 0.5	0.07	2.6	5.1	65	< 1	17	16.5	27	14	2.6
307310	< 5	1.93	16	0.80	579	1.81	0.057	70	1.5	10.3	< 3	194	< 0.5	0.31	6.7	3.5	108	< 1	9	19.8	38	13	2.7
307311	< 5	2.30	30	1.17	930	1.91	0.073	166	< 0.1	10.8	< 3	218	< 0.5	0.33	10.5	< 0.5	78	< 1	18	37.2	63	26	5.0
307312	< 5	0.32	8	0.58	7230	0.19	0.080	< 15	0.2	4.8	< 3	45	< 0.5	0.12	1.6	< 0.5	67	< 1	10	12.6	23	8	1.8
307313	< 5	0.10	8	0.34	12500	0.08	0.035	< 15	0.8	1.8	< 3	13	< 0.5	0.04	1.6	1.0	45	< 1	7	8.2	14	< 5	1.1
307314	< 5	2.21	40	1.22	1100	1.69	0.057	< 15	0.8	20.0	< 3	191	< 0.5	0.40	7.5	1.7	185	< 1	17	32.7	50	19	4.7
307315	< 5	2.16	24	0.94	2190	1.58	0.058	154	1.1	9.2	< 3	199	< 0.5	0.30	8.0	3.2	78	< 1	20	35.8	47	28	4.3
307316	< 5	2.35	32	1.11	922	1.90	0.060	112	0.6	10.4	< 3	229	< 0.5	0.28	9.4	3.3	65	< 1	20	41.8	71	24	5.1
307317	< 5	2.59	29	1.10	768	2.02	0.066	194	0.4	9.8	< 3	240	< 0.5	0.22	10.8	2.9	59	< 1	18	36.1	60	17	4.2
307318	< 5	0.33	3	0.21	9020	0.25	0.024	< 15	< 0.1	2.2	< 3	35	< 0.5	0.05	1.8	5.9	17	< 1	14	18.9	22	< 5	1.1
307319	< 5	0.03	2	0.54	7150	0.03	0.033	< 15	< 0.1	1.4	< 3	11	< 0.5	0.03	0.6	0.8	53	< 1	12	9.4	12	< 5	1.4
307320	< 5	2.54	24	1.02	613	2.06	0.050	254	< 0.1	9.4	< 3	233	< 0.5	0.34	9.5	< 0.5	70	< 1	16	34.7	59	18	4.3
307321	< 5	1.80	17	0.95	461	1.42	0.090	182	1.5	12.0	< 3	146	< 0.5	0.38	7.4	5.0	148	< 1	10	24.8	42	12	2.7
307322	< 5	2.21	22	0.98	704	1.69	0.046	106	1.2	11.0	< 3	187	< 0.5	0.37	7.0	4.8	118	< 1	13	28.9	48	25	3.5
307323	< 5	2.34	26	1.07	583	1.94	0.051	189	< 0.1	9.6	< 3	239	< 0.5	0.28	8.0	1.0	59	< 1	17	32.3	53	17	4.1
307324	< 5	2.46	23	0.99	686	2.04	0.068	163	0.4	9.2	< 3	246	< 0.5	0.30	7.9	< 0.5	63	< 1	17	33.8	56	22	4.2
307325	< 5	2.43	26	1.08	771	1.80	0.049	155	0.5	10.3	< 3	217	< 0.5	0.21	9.0	1.8	53	< 1	16	34.3	55	23	4.0
307326	< 5	2.09	13	0.66	1160	1.50	0.070	29	2.0	10.0	< 3	205	< 0.5	0.28	5.4	6.0	154	< 1	11	19.4	35	13	2.8
307327	< 5	0.31	4	0.27	1310	0.18	0.054	< 15	2.1	4.4	< 3	13	< 0.5	0.06	1.9	1.6	81	< 1	3	7.8	14	< 5	0.9
307328	< 5	2.69	26	1.13	934	1.96	0.078	123	0.2	10.8	< 3	233	< 0.5	0.33	10.2	4.9	78	< 1	15	29.3	57	21	3.7
307329	< 5	2.56	26	1.07	759	1.90	0.060	134	< 0.1	9.6	< 3	240	< 0.5	0.25	9.0	1.9	52	< 1	18	34.0	57	19	4.1
307330	< 5	1.73	15	0.96	367	1.38	0.070	28	0.6	10.1	< 3	169	< 0.5	0.36	2.7	< 0.5	118	< 1	8	16.8	31	8	1.9
307331	< 5	1.15	22	0.82	2070	1.00	0.101	< 15	3.3	12.5	< 3	106	< 0.5	0.27	3.2	17.2	303	< 1	12	16.5	27	8	2.7
307332	< 5	2.01	17	0.93	616	1.67	0.096	67	1.8	12.8	< 3	174	< 0.5	0.31	5.7	4.2	169	< 1	9	19.8	34	9	2.8
307333	< 5	2.49	28	1.17	793	1.98	0.052	161	0.6	12.2	< 3	229	< 0.5	0.19	10.0	0.8	52	< 1	17	35.0	66	19	4.4
307334	< 5	2.40	27	1.06	566	2.01	0.051	154	< 0.1	11.1	< 3	225	< 0.5	0.25	9.9	1.2	57	< 1	16	36.4	65	23	4.3
307335	< 5	1.37	15	1.05	494	1.28	0.092	50	2.6	16.7	< 3	124	< 0.5	0.32	4.3	4.7	184	< 1	11	18.1	34	8	2.7
307336	< 5	2.37	25	1.04	790	1.89	0.074	118	0.8	10.2	< 3	236	< 0.5	0.32	9.1	4.1	72	< 1	18	35.8	68	26	4.3
307337	< 5	2.27	34	1.15	747	1.12	0.097	146	5.2	13.7	< 3	137	< 0.5	0.37	8.6	7.8	249	< 1	16	32.4	60	20	4.0
307338	< 5	1.69	21	0.90	462	1.27	0.091	59	7.0	13.3	< 3	131	< 0.5	0.28	6.4	1.5	147	< 1	11	18.0	38	12	2.5
307339	< 5	2.38	28	1.03	460	1.93	0.038	104	< 0.1	9.9	< 3	237	< 0.5	0.21	8.8	1.3	36	< 1	19	37.5	68	24	4.5
307340	< 5	2.30	21	1.15	610	1.71	0.042	150	1.0	11.0	< 3	201	< 0.5	0.21	9.8	1.1	69	< 1	12	27.3	55	20	2.9
307341	< 5	1.68	14	0.30	765	2.33	0.100	< 15	< 0.1	10.1	< 3	49	< 0.5	0.29	14.6	16.1	148	< 1	39	71.9	122	38	10.4
307342	< 5	2.23	23	1.14	632	1.39	0.077	122	5.3	13.8	< 3	146	< 0.5	0.35	5.7	7.0	214	< 1	13	27.6	46	12	3.6
307343	< 5	2.45	27	1.11	750	2.09	0.064	70	0.9	11.9	< 3	227	< 0.5	0.30	9.9	2.8	80	< 1	17	37.0	70	28	4.7
307344	< 5	2.35	35	1.41	1320	1.73	0.068	222	0.8	13.7	< 3	194	< 0.5	0.38	10.4	1.9	103	< 1	18	36.1	70	30	5.1
307345	< 5	2.45	27	1.04	743	1.97	0.077	170	< 0.1	10.2	< 3	241	< 0.5	0.33	9.4	0.9	74	< 1	18	34.3	64	23	4.8
307346	< 5	1.57	24	0.98	1310	1.39	0.072	148	2.4	13.9	< 3	161	< 0.5	0.27	5.9	3.9	170	< 1	12	21.2	41	13	3.5
307347	< 5	0.06	1	0.26	4890	0.05	0.034	< 15	< 0.1	0.5	< 3	14	< 0.5	0.01	< 0.2	0.8	12	< 1	7	4.4	7	5	0.6
307348	< 5	0.05	< 1	0.29	5520	0.07	0.036	< 15	< 0.1	0.9	< 3	13	< 0.5	0.03	0.8	< 0.5	24	< 1	9	5.4	11	< 5	0.9
307349	< 5	1.73	12	0.59	501	1.77	0.043	92	1.9	8.3	< 3	198	< 0.5	0.27	4.5	2.6	128	< 1	10	17.0	28	9	2.5

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
307350	< 5	1.93	13	0.63	491	1.70	0.050	36	4.6	8.4	< 3	210	< 0.5	0.27	5.3	3.5	110	< 1	8	16.6	33	9	2.1
307451	< 5	1.71	25	1.01	685	1.35	0.046	142	0.8	13.3	< 3	152	< 0.5	0.32	6.5	2.3	135	< 1	9	17.8	39	13	2.5
307452	< 5	2.27	26	1.11	759	2.10	0.065	122	0.4	10.5	< 3	247	< 0.5	0.22	10.2	1.6	57	< 1	18	35.9	67	35	5.0
307453	< 5	1.90	21	1.07	539	1.62	0.042	< 15	0.9	12.0	< 3	172	< 0.5	0.32	7.4	3.9	111	< 1	11	23.3	49	9	3.0
307454	< 5	1.92	19	0.97	364	1.54	0.045	95	2.0	14.2	< 3	154	< 0.5	0.36	4.8	2.4	167	< 1	10	19.4	36	13	2.8
307455	< 5	2.74	29	1.26	915	1.98	0.079	163	0.6	10.5	< 3	254	< 0.5	0.38	10.4	< 0.5	90	< 1	19	37.5	72	30	5.3
307456	< 5	2.83	32	1.28	1020	2.03	0.083	144	0.5	11.1	< 3	252	< 0.5	0.39	11.4	1.3	92	< 1	22	43.5	78	30	5.8
307457	< 5	0.05	6	0.54	8100	0.04	0.047	< 15	0.2	1.5	< 3	17	< 0.5	0.02	< 0.2	1.2	38	< 1	15	11.7	18	8	1.8
307458	< 5	2.19	25	0.97	737	1.55	0.043	134	1.3	12.0	< 3	188	< 0.5	0.35	7.9	2.1	116	< 1	13	26.8	26	24	3.7
307459	< 5	2.62	34	1.27	951	1.85	0.060	189	0.6	11.8	< 3	218	< 0.5	0.23	10.7	3.7	61	< 1	19	37.0	67	34	5.2
307460	< 5	1.54	10	0.65	586	1.68	0.058	125	1.3	8.2	< 3	187	< 0.5	0.30	7.6	2.1	97	< 1	11	22.9	46	19	3.2
307461	< 5	0.65	14	0.43	1470	0.75	0.123	< 15	4.7	16.0	< 3	67	< 0.5	0.13	4.8	1.5	124	< 1	7	12.6	20	18	3.0
307462	< 5	2.35	26	1.06	644	1.92	0.054	111	0.6	9.8	< 3	228	< 0.5	0.27	9.9	1.9	54	< 1	17	34.2	64	24	4.6
307463	< 5	2.18	20	1.03	948	1.75	0.046	139	1.4	11.4	< 3	201	< 0.5	0.33	8.4	2.5	104	< 1	11	22.5	43	12	3.0
307464	< 5	1.74	30	1.40	723	0.89	0.115	163	6.3	15.7	< 3	85	< 0.5	0.40	5.4	5.1	278	< 1	12	23.7	48	19	3.6
307465	< 5	0.37	60	1.81	2650	1.52	0.049	< 15	69.3	36.8	< 3	103	< 0.5	0.16	< 0.2	< 0.5	271	< 1	8	7.6	20	9	3.4
307466	< 5	0.09	< 1	0.22	2550	0.10	0.086	< 15	0.3	4.9	< 3	26	< 0.5	0.03	4.2	16.1	17	< 1	13	15.9	32	18	2.3
307467	< 5	0.49	10	0.43	611	0.34	0.169	< 15	8.9	3.8	< 3	45	< 0.5	0.12	5.0	2.4	124	< 1	5	14.2	33	9	1.7
307468	< 5	2.11	24	1.08	757	1.83	0.037	96	1.0	11.0	< 3	215	< 0.5	0.33	10.6	1.2	87	< 1	16	32.4	67	25	4.4
307469	< 5	2.49	23	0.98	1120	2.15	0.067	114	< 0.1	9.0	< 3	264	< 0.5	0.32	9.6	< 0.5	67	< 1	17	35.1	86	28	4.8
307470	< 5	2.43	26	1.10	1330	1.88	0.059	52	1.0	12.2	< 3	216	< 0.5	0.19	12.1	5.6	48	< 1	15	30.2	78	9	3.9
307471	< 5	0.04	2	0.33	3400	0.04	0.029	< 15	0.3	0.8	< 3	13	< 0.5	0.02	0.8	< 0.5	33	< 1	8	5.5	14	< 5	0.8
307472	< 5	< 0.01	2	0.30	6390	0.02	0.020	< 15	< 0.1	0.6	< 3	8	< 0.5	< 0.01	0.9	0.8	14	< 1	13	8.2	16	5	1.1
307473	< 5	0.08	< 1	0.28	4310	0.09	0.043	< 15	< 0.1	1.1	< 3	17	< 0.5	0.05	1.0	< 0.5	26	< 1	9	7.2	18	< 5	1.0
307474	< 5	1.61	14	0.76	2000	1.20	0.086	42	2.4	9.3	< 3	150	< 0.5	0.27	5.8	8.2	215	< 1	12	23.6	56	30	3.3
307475	< 5	2.24	21	1.02	498	1.69	0.051	38	1.0	10.0	< 3	205	< 0.5	0.33	8.2	4.8	99	< 1	10	24.3	57	19	2.5
307476	< 5	2.32	30	1.16	456	1.61	0.040	132	0.9	10.0	< 3	202	< 0.5	0.36	10.9	1.5	92	< 1	11	24.6	54	10	2.7
307477	< 5	0.04	7	0.39	8310	0.05	0.040	< 15	0.4	1.1	< 3	16	< 0.5	0.01	0.7	< 0.5	33	< 1	11	7.3	10	< 5	1.0
307478	< 5	0.08	2	0.16	4500	0.05	0.048	< 15	0.1	1.5	< 3	8	< 0.5	0.02	0.6	< 0.5	27	< 1	5	9.9	16	< 5	1.0
307479	< 5	0.57	1	0.16	151	0.44	0.122	< 15	< 0.1	3.1	< 3	62	< 0.5	0.11	4.3	5.3	41	< 1	4	8.9	17	< 5	0.8
307480	< 5	0.32	35	0.78	2200	2.18	0.104	< 15	1.8	37.7	< 3	89	< 0.5	0.15	0.8	2.2	274	< 1	9	9.1	23	12	3.1
307481	< 5	2.56	21	0.93	517	1.37	0.080	172	4.1	10.1	< 3	179	< 0.5	0.36	8.0	9.2	217	< 1	12	26.5	64	17	2.6
307482	< 5	0.08	2	0.64	7680	0.06	0.051	< 15	0.2	0.9	< 3	38	< 0.5	0.02	0.5	< 0.5	26	< 1	11	6.2	9	< 5	0.9
307483	< 5	0.60	8	0.98	3210	0.49	0.157	< 15	0.3	4.8	< 3	108	< 0.5	0.19	4.6	1.8	54	< 1	15	16.4	40	< 5	2.3
307484	< 5	0.07	2	2.83	6400	0.05	0.031	< 15	< 0.1	0.7	< 3	89	< 0.5	0.01	< 0.2	< 0.5	15	< 1	8	4.9	10	< 5	0.7
307485	< 5	0.56	6	0.72	9940	0.66	0.068	< 15	< 0.1	3.7	< 3	91	< 0.5	0.10	3.1	< 0.5	58	< 1	18	17.1	39	21	2.6
307486	< 5	0.08	4	0.83	7930	0.08	0.142	< 15	0.1	2.4	< 3	22	< 0.5	0.15	0.6	< 0.5	69	< 1	11	11.6	14	7	1.7
307487	< 5	0.04	2	0.56	15700	0.03	0.057	< 15	0.2	2.4	< 3	13	< 0.5	0.12	0.5	< 0.5	75	< 1	9	8.0	18	< 5	1.7
307488	< 5	0.70	9	0.93	10100	0.47	0.089	50	0.5	5.8	< 3	69	< 0.5	0.30	3.3	< 0.5	135	< 1	11	18.5	49	10	3.1
307489	< 5	0.11	4	0.76	7530	0.10	0.078	< 15	< 0.1	4.5	< 3	27	< 0.5	0.14	2.9	< 0.5	89	< 1	10	9.0	22	7	1.8
307490	< 5	0.27	10	0.74	10200	0.30	0.125	< 15	< 0.1	6.7	< 3	42	< 0.5	0.28	3.8	< 0.5	157	< 1	16	15.7	40	14	3.2
307491	< 5	0.21	3	0.45	8550	0.22	0.115	< 15	< 0.1	4.0	< 3	32	< 0.5	0.18	2.4	< 0.5	75	< 1	10	12.2	27	15	2.4
307492	< 5	0.09	6	1.01	16800	0.08	0.061	< 15	< 0.1	4.1	< 3	17	< 0.5	0.28	3.3	< 0.5	105	< 1	14	15.3	38	16	2.7
307493	< 5	0.16	2	0.75	3790	0.15	0.129	< 15	0.2	2.2	< 3	39	< 0.5	0.07	1.8	< 0.5	35	< 1	10	8.6	15	< 5	1.4
307494	< 5	0.11	2	0.41	9850	0.11	0.074	< 15	< 0.1	1.8	< 3	27	< 0.5	0.05	1.1	< 0.5	45	< 1	12	8.9	23	< 5	1.4
307495	< 5	0.12	2	0.91	9540	0.13	0.071	17	< 0.1	1.6	< 3	40	< 0.5	0.05	1.7	< 0.5	38	< 1	11	9.7	20	11	1.4
307496	< 5	0.31	3	0.58	9680	0.28	0.056	< 15	0.3	1.8	< 3	70	< 0.5	0.05	2.1	0.8	33	< 1	15	12.3	29	7	2.0
307497	< 5	0.11	2	0.61	12500	0.08	0.042	< 15	< 0.1	1.1	< 3	49	< 0.5	0.01	< 0.2	< 0.5	31	< 1	14	11.9	18	9	1.9
307498	< 5	0.11	1	1.04	11200	0.08	0.058	< 15	< 0.1	1.5	< 3	43	< 0.5	0.04	1.1	< 0.5	41	< 1	12	11.5	24	6	1.5
307499	< 5	0.21	3	0.55	9030	0.23	0.082	< 15	< 0.1	2.5	< 3	36	< 0.5	0.09	3.0	< 0.5	42	< 1	12	13.2	31	< 5	1.9

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
307500	< 5	0.06	2	0.36	15400	0.08	0.076	< 15	0.4	2.9	< 3	15	< 0.5	0.16	2.9	1.9	58	< 1	17	16.7	32	8	3.3
307751	< 5	2.48	27	1.09	700	2.04	0.073	144	0.3	10.4	< 3	250	< 0.5	0.32	11.9	1.9	75	< 1	19	35.6	71	23	4.6
307752	< 5	2.46	28	1.13	1170	2.06	0.058	121	0.4	10.8	< 3	242	< 0.5	0.36	12.6	1.0	77	< 1	17	36.0	84	35	4.7
307753	< 5	2.22	25	0.71	1450	0.77	0.077	89	12.7	9.7	< 3	122	< 0.5	0.27	7.3	2.6	138	< 1	11	28.0	63	24	3.2
307754	< 5	1.24	8	0.30	329	0.70	0.084	< 15	9.1	6.8	< 3	92	< 0.5	0.19	8.6	3.2	81	< 1	7	16.1	40	6	2.1
307755	< 5	0.23	6	0.85	10300	0.15	0.057	< 15	0.6	2.5	< 3	37	< 0.5	0.06	2.4	< 0.5	74	< 1	23	17.2	44	10	2.7
307756	< 5	1.94	20	0.94	1170	1.58	0.062	51	1.9	11.4	< 3	188	< 0.5	0.29	9.7	6.3	136	< 1	15	26.1	60	10	3.8
307757	< 5	2.03	18	0.87	377	1.75	0.045	< 15	1.1	10.0	< 3	195	< 0.5	0.28	5.4	1.5	112	< 1	8	17.1	41	15	2.2
307758	< 5	1.86	21	1.09	1360	1.99	0.051	36	0.5	12.3	< 3	209	< 0.5	0.34	7.9	4.0	99	< 1	14	25.3	62	16	3.8
307759	< 5	2.63	33	1.25	773	2.03	0.059	193	0.4	11.6	< 3	234	< 0.5	0.23	11.5	2.8	61	< 1	18	37.8	74	33	5.0
307760	< 5	0.74	48	1.05	2360	1.10	0.044	< 15	1.4	31.5	< 3	108	< 0.5	0.33	2.4	3.0	258	< 1	13	14.9	32	10	3.9
307761	< 5	1.81	14	0.86	722	1.56	0.048	< 15	2.5	10.8	< 3	176	< 0.5	0.32	4.3	2.8	162	< 1	10	18.7	34	13	2.6
307762	< 5	2.42	18	0.89	457	2.20	0.079	126	0.3	8.2	< 3	276	< 0.5	0.31	9.4	1.9	76	< 1	17	31.9	61	22	4.4
307763	< 5	0.05	< 1	0.19	4460	0.05	0.030	26	< 0.1	0.5	< 3	13	< 0.5	0.02	< 0.2	< 0.5	12	< 1	7	5.8	9	< 5	0.8
307764	< 5	1.64	20	0.73	1070	1.26	0.098	125	1.7	9.2	< 3	148	< 0.5	0.29	4.7	3.8	129	< 1	10	18.3	34	11	2.4
307765	< 5	1.67	25	0.99	1730	1.58	0.055	117	1.1	13.5	< 3	182	< 0.5	0.28	5.8	3.7	134	< 1	12	18.2	33	9	2.8
307766	< 5	1.80	17	0.83	538	1.71	0.092	70	5.2	13.3	< 3	163	< 0.5	0.29	5.8	3.2	167	< 1	8	18.0	33	17	2.6
307767	< 5	0.76	21	0.37	1290	0.73	0.118	< 15	48.8	14.0	19	45	< 0.5	0.16	2.5	5.4	258	< 1	9	14.1	35	11	3.0
307768	< 5	0.26	< 1	0.43	6000	0.27	0.051	< 15	0.7	2.6	< 3	34	< 0.5	0.10	2.1	< 0.5	41	< 1	16	16.6	29	15	2.5
307769	< 5	0.05	< 1	0.43	5450	0.04	0.037	< 15	0.5	0.8	< 3	12	< 0.5	0.01	< 0.2	< 0.5	24	< 1	12	9.2	16	11	1.4
307770	< 5	0.08	5	0.22	3490	0.04	0.035	< 15	0.5	1.4	< 3	5	< 0.5	0.01	0.4	< 0.5	42	< 1	12	9.4	18	< 5	1.5
307771	< 5	1.86	19	0.86	666	1.64	0.059	32	2.2	11.1	< 3	190	< 0.5	0.30	4.4	2.7	140	< 1	10	18.5	38	11	2.4
307772	< 5	2.64	34	1.33	785	1.96	0.067	187	< 0.1	11.4	< 3	247	< 0.5	0.28	11.1	3.8	73	< 1	19	41.7	75	29	5.4
307773	< 5	2.57	32	1.28	864	2.13	0.066	126	0.5	12.5	< 3	242	< 0.5	0.19	12.4	1.4	57	< 1	20	47.4	90	28	6.0
307774	< 5	1.39	19	0.99	630	1.30	0.109	34	2.9	14.7	< 3	111	< 0.5	0.29	4.1	2.0	192	< 1	8	16.8	33	13	2.2
307775	< 5	0.20	5	0.39	9570	0.07	0.058	< 15	0.5	2.5	< 3	11	< 0.5	0.04	0.4	1.5	49	< 1	11	12.8	19	< 5	1.6
307776	< 5	0.66	46	1.42	2570	0.84	0.048	< 15	0.9	38.1	< 3	47	< 0.5	0.23	< 0.2	1.3	253	< 1	6	9.6	23	10	4.9
307777	< 5	2.04	22	0.87	362	0.80	0.100	61	15.0	11.4	< 3	80	< 0.5	0.33	6.1	3.8	251	< 1	9	34.6	65	18	4.1
307778	< 5	0.06	60	3.89	1890	1.18	0.043	< 15	1.2	41.9	< 3	23	< 0.5	0.37	0.6	< 0.5	341	< 1	8	2.9	15	< 5	1.6
307779	< 5	0.28	2	0.21	1350	0.29	0.108	< 15	2.2	5.1	< 3	41	< 0.5	0.05	5.6	23.0	34	< 1	15	26.4	44	10	4.2
307780	< 5	1.51	10	0.43	1290	1.15	0.057	91	3.5	5.7	< 3	114	< 0.5	0.11	7.1	12.4	135	< 1	15	32.5	51	26	4.2
307781	< 5	1.34	16	0.48	899	1.14	0.046	< 15	7.0	6.8	< 3	119	< 0.5	0.20	5.6	< 0.5	112	< 1	14	24.5	41	< 5	3.4
307782	< 5	1.32	15	0.66	1930	0.89	0.048	< 15	7.3	6.5	< 3	104	< 0.5	0.16	4.7	8.3	100	< 1	13	23.3	37	21	3.0
307783	< 5	0.32	4	0.91	5940	0.31	0.116	< 15	< 0.1	2.9	< 3	69	< 0.5	0.08	2.6	< 0.5	50	< 1	15	13.1	18	11	2.0
307784	< 5	0.03	< 1	0.74	8480	0.03	0.011	< 15	< 0.1	0.5	< 3	25	< 0.5	< 0.01	< 0.2	< 0.5	15	< 1	6	11.5	19	< 5	1.2
307785	< 5	0.09	9	0.55	10900	0.11	0.065	< 15	0.9	2.7	< 3	18	< 0.5	0.19	1.0	< 0.5	77	< 1	14	14.2	24	< 5	2.3
307786	< 5	0.50	17	0.66	7410	0.47	0.080	< 15	1.5	8.9	< 3	51	< 0.5	0.17	2.8	2.9	88	< 1	21	16.2	25	9	2.7
307787	< 5	2.35	24	1.00	592	2.29	0.052	89	< 0.1	9.6	< 3	239	< 0.5	0.31	7.5	< 0.5	70	< 1	14	30.5	45	28	4.4
307788	< 5	0.44	42	2.68	1510	1.80	0.065	< 15	2.3	32.4	< 3	73	< 0.5	0.36	2.8	< 0.5	276	< 1	17	10.3	28	< 5	2.6
307789	< 5	0.02	1	0.72	2540	0.05	0.043	< 15	0.5	0.9	< 3	32	< 0.5	0.03	0.6	1.3	11	< 1	11	9.0	23	9	1.5
307790	< 5	0.08	2	0.31	6440	0.12	0.063	< 15	< 0.1	2.4	< 3	26	< 0.5	0.05	< 0.2	< 0.5	40	< 1	16	17.8	27	< 5	2.6
307791	< 5	0.16	25	0.70	16200	0.21	0.100	< 15	0.3	5.8	< 3	45	< 0.5	0.04	2.6	7.7	45	< 1	49	42.6	76	50	7.6
307792	< 5	0.61	10	0.26	665	0.41	0.112	< 15	8.9	5.6	< 3	54	< 0.5	0.09	3.6	4.5	91	< 1	8	17.1	36	9	2.0
307793	< 5	3.62	28	0.62	125	0.30	0.071	157	22.0	32.5	< 3	33	< 0.5	0.32	6.1	5.1	266	< 1	12	38.9	73	40	5.2
307794	< 5	2.05	16	0.56	2970	0.64	0.087	48	13.7	9.8	< 3	84	< 0.5	0.23	5.1	7.4	160	< 1	9	28.8	54	12	3.5
307795	< 5	1.41	10	0.22	137	0.17	0.120	< 15	10.7	7.6	< 3	17	< 0.5	0.16	4.7	7.5	116	< 1	5	18.3	25	< 5	2.1
307796	< 5	0.34	2	0.10	238	0.16	0.122	< 15	6.3	3.1	< 3	19	< 0.5	0.06	2.5	< 0.5	60	< 1	3	10.0	20	< 5	1.1
307797	< 5	0.15	2	0.38	4340	0.19	0.075	< 15	0.6	2.0	< 3	32	< 0.5	0.05	1.3	< 0.5	42	< 1	17	22.7	32	10	2.7
307798	< 5	1.81	19	0.97	856	1.37	0.047	< 15	2.6	14.2	< 3	146	< 0.5	0.32	7.2	6.5	150	< 1	12	26.3	47	< 5	3.5
307799	< 5	2.21	25	0.90	716	2.12	0.045	45	0.4	12.7	< 3	244	< 0.5	0.30	10.0	2.0	88	< 1	11	27.1	58	6	3.4

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
307800	< 5	0.21	4	0.46	7390	0.24	0.114	< 15	0.3	2.3	< 3	53	< 0.5	0.04	2.4	< 0.5	35	< 1	13	14.0	23	23	2.2
307151	< 5	1.73	16	0.68	589	1.40	0.066	70	2.1	8.7	< 3	160	< 0.5	0.26	6.6	4.8	110	< 1	10	18.3	46	14	2.5
307152	< 5	1.68	16	0.55	807	0.39	0.067	28	8.2	7.1	10	48	< 0.5	0.22	5.5	2.9	165	< 1	9	29.3	57	28	3.5
307153	< 5	0.11	2	0.62	8850	0.11	0.051	26	0.3	2.8	< 3	36	< 0.5	0.09	2.2	1.6	50	< 1	13	12.4	27	9	1.7
307154	< 5	2.20	27	1.25	773	1.01	0.137	67	9.8	13.3	< 3	98	< 0.5	0.31	5.5	5.7	399	3	13	30.6	58	16	4.1
307155	< 5	0.08	4	0.43	9430	0.03	0.032	< 15	0.5	0.9	< 3	39	< 0.5	< 0.01	< 0.2	< 0.5	20	< 1	12	7.9	6	< 5	1.4
307156	< 5	1.76	15	0.55	1200	2.13	0.075	76	13.6	14.3	< 3	132	< 0.5	0.25	5.5	5.1	173	< 1	10	16.9	35	10	2.7
307157	< 5	1.49	15	0.49	574	0.40	0.112	65	17.0	7.2	18	48	< 0.5	0.18	5.4	6.8	325	< 1	10	33.1	64	27	4.1
307158	< 5	1.40	8	0.42	243	0.82	0.086	103	6.4	6.8	< 3	99	< 0.5	0.23	4.6	1.1	100	< 1	5	12.3	21	10	1.5
307159	< 5	1.83	16	0.82	876	1.51	0.057	82	2.1	10.2	< 3	165	< 0.5	0.31	7.8	3.1	110	< 1	9	19.0	39	17	2.4
307160	< 5	2.36	22	1.02	670	1.86	0.051	128	0.3	13.0	< 3	202	< 0.5	0.28	11.2	6.0	76	< 1	10	25.3	63	23	2.8
307161	< 5	1.89	23	1.24	826	1.53	0.076	155	2.8	14.3	< 3	156	< 0.5	0.32	8.8	2.2	139	< 1	11	22.3	51	21	2.9
307162	< 5	1.32	20	0.93	709	0.89	0.096	123	5.7	13.4	< 3	94	< 0.5	0.24	8.8	2.7	120	< 1	7	17.0	31	10	2.8
307163	< 5	0.08	3	0.50	7880	0.02	0.006	< 15	0.4	0.6	< 3	19	< 0.5	< 0.01	< 0.2	< 0.5	27	< 1	8	6.3	8	< 5	0.9
307164	< 5	0.21	3	0.80	11200	0.14	0.016	< 15	0.5	0.9	< 3	72	< 0.5	0.03	0.6	< 0.5	21	< 1	8	8.6	17	< 5	1.1
307165	< 5	0.09	2	0.73	7830	0.04	0.036	39	0.2	0.8	< 3	41	< 0.5	0.01	0.4	1.5	23	< 1	9	7.5	12	< 5	1.0
307166	< 5	1.47	29	1.40	832	1.65	0.026	99	1.4	20.8	< 3	149	< 0.5	0.26	4.1	2.3	163	< 1	9	16.2	41	12	3.1
307167	< 5	1.62	18	0.65	513	0.81	0.107	69	25.5	10.9	< 3	88	< 0.5	0.27	8.1	6.7	216	< 1	12	23.6	49	20	3.3
307168	< 5	1.48	19	0.64	1600	1.34	0.057	69	2.4	20.8	< 3	111	< 0.5	0.31	6.6	5.8	199	< 1	12	18.6	44	21	4.0
307169	< 5	0.97	10	0.59	1400	0.68	0.090	66	4.5	8.0	< 3	71	< 0.5	0.18	4.9	4.0	114	< 1	8	15.6	29	19	2.3
307170	< 5	1.58	22	0.86	1310	1.31	0.069	80	5.7	10.2	< 3	140	< 0.5	0.27	8.3	10.8	178	< 1	14	22.3	43	22	3.2
307171	< 5	0.84	63	3.27	742	1.09	0.061	71	4.9	39.4	< 3	36	< 0.5	0.16	0.7	< 0.5	339	< 1	4	3.7	6	< 5	1.7
307172	< 5	2.04	16	0.73	291	0.88	0.084	96	12.4	11.3	< 3	91	< 0.5	0.25	5.5	5.3	225	< 1	8	21.8	38	22	2.8
307173	< 5	1.82	14	0.64	277	0.89	0.134	101	5.1	10.9	< 3	99	< 0.5	0.27	7.8	3.7	227	< 1	10	30.9	68	19	4.7
307174	< 5	0.49	5	0.26	1790	0.28	0.116	< 15	5.5	11.4	< 3	33	< 0.5	0.09	6.4	12.2	76	< 1	9	14.5	40	11	3.2
307175	< 5	0.18	1	0.06	302	0.07	0.054	29	2.7	1.7	< 3	9	< 0.5	0.04	3.7	3.9	57	< 1	2	3.8	5	< 5	0.5
307176	< 5	0.74	6	0.20	1100	0.11	0.059	34	13.3	3.9	< 3	20	< 0.5	0.07	5.9	4.2	69	< 1	4	13.1	26	13	1.9
307177	< 5	0.58	11	0.32	14400	0.28	0.051	< 15	2.0	8.9	< 3	35	< 0.5	0.08	6.4	9.2	64	< 1	19	29.0	103	52	5.1
307178	< 5	0.53	10	0.13	25800	0.07	0.077	< 15	0.8	4.3	< 3	16	< 0.5	0.06	4.1	18.5	42	< 1	17	19.9	158	20	4.2
307179	< 5	1.58	12	0.45	1180	0.72	0.191	89	7.8	6.4	< 3	98	< 0.5	0.22	6.5	6.8	345	< 1	10	27.5	57	31	4.2
307180	< 5	1.44	16	0.61	1560	0.70	0.101	88	6.0	9.4	< 3	75	< 0.5	0.24	6.3	5.7	211	< 1	9	24.8	52	31	3.4
307181	< 5	2.08	15	0.68	351	1.52	0.055	106	2.2	9.8	< 3	164	< 0.5	0.27	6.0	1.7	123	< 1	7	19.6	44	15	2.6
307182	< 5	2.38	27	1.07	566	1.84	0.049	100	1.2	9.8	< 3	238	< 0.5	0.31	9.0	2.4	88	< 1	12	28.3	66	22	3.8
307183	< 5	2.44	46	1.35	1720	1.49	0.056	94	1.0	12.2	< 3	175	< 0.5	0.37	14.0	2.2	91	< 1	15	31.9	76	47	4.3
307184	< 5	1.44	38	0.63	2160	0.83	0.138	69	2.0	12.2	< 3	129	< 0.5	0.21	9.0	26.6	69	< 1	37	50.9	83	62	7.5
307185	< 5	2.18	28	0.91	2040	1.24	0.102	118	1.9	9.9	< 3	164	< 0.5	0.31	12.3	5.6	112	< 1	15	28.8	74	18	3.6
307186	< 5	1.29	9	0.22	579	0.07	0.042	55	23.5	4.8	8	10	< 0.5	0.12	4.4	4.7	117	< 1	5	13.1	20	11	1.4
307187	< 5	0.07	< 1	0.16	2750	0.05	0.050	< 15	0.5	1.1	< 3	7	< 0.5	0.03	2.3	1.1	28	< 1	3	6.0	6	< 5	0.7
307188	< 5	0.06	< 1	0.40	7230	0.05	0.033	< 15	0.4	0.5	< 3	21	< 0.5	0.01	0.3	< 0.5	13	< 1	8	6.9	13	< 5	0.8
307189	< 5	1.78	15	0.56	1940	1.22	0.059	50	3.1	8.1	< 3	161	< 0.5	0.24	5.8	11.1	126	< 1	15	18.9	39	13	2.6
307190	< 5	0.67	6	0.13	110	0.07	0.068	< 15	12.7	2.3	< 3	9	< 0.5	0.07	2.5	1.4	75	< 1	2	7.4	8	8	0.8
307191	< 5	0.37	4	0.15	616	0.07	0.121	42	7.0	2.7	< 3	10	< 0.5	0.06	4.1	4.0	65	< 1	3	8.9	14	11	0.8
307192	< 5	1.92	14	0.77	1100	1.36	0.042	104	1.4	8.5	< 3	165	< 0.5	0.27	7.6	3.5	100	< 1	9	16.8	38	10	1.9
307193	< 5	2.08	16	0.86	405	1.60	0.053	< 15	1.6	9.7	< 3	194	< 0.5	0.30	4.9	4.4	112	< 1	11	20.6	32	< 5	2.6
307194	< 5	2.20	26	1.01	382	1.56	0.056	< 15	2.0	9.8	< 3	184	< 0.5	0.33	7.0	1.5	97	< 1	10	22.9	38	8	2.9
307195	< 5	0.15	52	3.48	1210	0.37	0.060	< 15	0.3	21.6	< 3	22	< 0.5	0.09	0.8	1.6	224	< 1	5	4.6	< 3	< 5	1.7
307196	< 5	1.61	16	0.75	1160	0.98	0.101	< 15	3.3	12.4	< 3	121	< 0.5	0.23	7.1	14.3	144	< 1	11	19.7	32	26	3.2
307197	< 5	1.74	12	0.22	86	1.02	0.032	< 15	13.9	15.6	18	74	< 0.5	0.34	2.3	2.1	166	< 1	7	13.7	22	10	2.5
307198	< 5	2.01	16	0.64	635	0.84	0.099	110	9.8	8.6	< 3	105	< 0.5	0.27	4.6	7.1	302	< 1	10	25.3	35	23	3.2
307199	< 5	2.06	15	0.53	355	1.01	0.094	53	4.4	9.1	< 3	124	< 0.5	0.29	4.5	4.7	125	< 1	8	20.6	33	< 5	2.5

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
307200	< 5	1.50	12	0.61	790	0.81	0.110	< 15	4.2	9.6	< 3	98	< 0.5	0.26	5.3	6.2	175	< 1	10	18.3	29	17	2.5
307901	< 5	2.01	15	1.02	1890	1.90	0.076	< 15	< 0.1	7.2	< 3	233	< 0.5	0.28	7.1	0.8	68	< 1	14	25.8	42	15	3.8
307902	< 5	0.91	10	1.16	9160	0.87	0.089	30	< 0.1	6.7	< 3	124	< 0.5	0.27	4.5	< 0.5	105	< 1	14	25.1	52	20	3.8
307903	< 5	1.87	15	0.67	2250	2.05	0.028	121	< 0.1	6.0	< 3	267	< 0.5	0.25	3.6	< 0.5	62	< 1	13	20.5	35	11	3.3
307904	< 5	0.07	4	0.61	14300	0.06	0.039	< 15	< 0.1	1.9	< 3	40	< 0.5	0.03	1.1	0.8	53	< 1	13	13.4	23	8	2.1
307905	< 5	0.05	1	1.04	8440	0.02	0.047	< 15	< 0.1	0.6	< 3	25	< 0.5	0.02	0.5	< 0.5	17	< 1	8	5.4	4	< 5	0.6
307906	< 5	0.22	3	0.69	10800	0.18	0.055	< 15	< 0.1	2.0	< 3	50	< 0.5	0.06	1.5	< 0.5	40	< 1	12	10.2	19	7	1.6
307907	< 5	2.17	15	0.88	1500	1.87	0.070	83	0.5	7.4	< 3	262	< 0.5	0.26	5.3	< 0.5	58	< 1	15	26.2	52	17	3.9
307908	< 5	0.39	9	1.04	13200	0.30	0.064	< 15	< 0.1	4.8	< 3	56	< 0.5	0.18	2.8	1.4	82	< 1	12	13.7	30	11	2.4
307909	< 5	1.36	20	1.09	5030	1.29	0.075	83	< 0.1	7.6	< 3	181	< 0.5	0.25	7.6	1.1	76	< 1	15	28.6	61	22	4.1
307910	< 5	0.14	3	0.69	20200	0.04	0.087	< 15	< 0.1	2.1	< 3	24	< 0.5	0.10	0.8	1.9	61	< 1	13	9.5	16	5	1.7
307911		0.04	2	2.12	6490		0.029					98		0.01			15		8				
307912	< 5	0.15	3	0.48	7490	0.14	0.076	< 15	0.2	1.8	< 3	39	< 0.5	0.04	1.3	1.6	38	< 1	15	11.4	30	< 5	1.8
307913	< 5	0.06	3	2.74	7900	0.03	0.032	< 15	< 0.1	0.7	< 3	129	< 0.5	0.01	< 0.2	< 0.5	20	< 1	10	5.7	14	< 5	0.9
307914	< 5	0.19	3	0.40	10300	0.16	0.068	< 15	0.1	3.5	< 3	26	< 0.5	0.17	2.0	< 0.5	88	< 1	11	11.9	21	12	2.0
307915	< 5	0.12	5	0.86	11300	0.14	0.148	< 15	< 0.1	5.5	< 3	26	< 0.5	0.26	4.1	< 0.5	117	< 1	13	20.1	34	25	2.9
307916	< 5	0.12	32	3.31	1770	1.07	0.038	< 15	< 0.1	35.3	< 3	26	< 0.5	0.61	< 0.2	0.9	359	< 1	20	5.8	12	< 5	2.1
307917	< 5	0.87	12	0.74	5020	0.84	0.099	< 15	< 0.1	6.0	< 3	113	< 0.5	0.18	5.3	2.3	62	< 1	11	18.7	30	13	2.3
307918	< 5	0.37	6	0.54	8980	0.42	0.123	< 15	< 0.1	4.4	< 3	64	< 0.5	0.16	4.2	1.7	57	< 1	11	14.5	21	18	1.9
307919	< 5	0.11	3	0.91	20600	0.08	0.052	< 15	0.3	3.6	< 3	22	< 0.5	0.17	1.5	< 0.5	110	< 1	12	13.0	21	8	2.2
307920	< 5	0.09	6	0.82	19400	0.10	0.073	< 15	< 0.1	5.7	< 3	19	< 0.5	0.34	3.4	< 0.5	154	< 1	13	18.0	27	16	2.9
307921	< 5	0.61	32	4.65	2040	1.07	0.017	< 15	< 0.1	47.5	< 3	24	< 0.5	0.50	< 0.2	3.0	404	< 1	19	4.0	7	< 5	2.5
307922	< 5	0.32	2	0.17	3610	0.34	0.036	< 15	1.4	2.2	< 3	32	< 0.5	0.14	1.6	< 0.5	57	< 1	4	7.9	9	< 5	0.9
307923	< 5	0.03	2	3.20	6660	0.02	0.063	< 15	< 0.1	1.4	< 3	51	< 0.5	0.05	0.9	< 0.5	37	< 1	10	8.2	9	< 5	1.1
307924	< 5	0.03	< 1	0.21	7260	0.03	0.028	< 15	< 0.1	0.4	< 3	14	< 0.5	< 0.01	< 0.2	< 0.5	11	< 1	4	2.8	< 3	6	0.4
307925	< 5	0.10	2	0.45	8210	0.11	0.093	< 15	< 0.1	2.0	< 3	23	< 0.5	0.05	1.9	< 0.5	36	< 1	10	8.8	19	< 5	1.5
307926	< 5	0.29	6	1.64	13500	0.29	0.063	< 15	< 0.1	4.0	< 3	80	< 0.5	0.11	2.6	4.2	63	< 1	16	16.4	36	9	2.6
308051	< 5	0.01	< 1	0.34	3450	< 0.01	0.015	< 15	0.2	0.2	< 3	17	< 0.5	< 0.01	< 0.2	< 0.5	8	< 1	4	1.3	< 3	< 5	0.3
308052	< 5	2.16	14	0.67	308	1.29	0.062	154	4.6	8.2	< 3	155	< 0.5	0.31	7.6	2.8	110	< 1	8	21.0	42	< 5	2.6
308053	< 5	0.04	< 1	0.41	4950	0.02	0.022	< 15	< 0.1	0.3	< 3	29	< 0.5	0.02	< 0.2	< 0.5	13	< 1	9	7.8	16	9	1.1
308054	< 5	0.02	1	0.20	3060	0.01	0.011	< 15	< 0.1	0.2	< 3	10	< 0.5	< 0.01	< 0.2	< 0.5	12	< 1	7	2.5	< 3	< 5	0.5
308055	< 5	0.03	< 1	0.31	8220	0.03	0.040	< 15	< 0.1	0.8	< 3	11	< 0.5	0.06	1.2	1.6	40	< 1	17	10.7	23	12	1.6
308056	< 5	1.07	32	0.94	281	0.09	0.057	< 15	19.2	6.6	21	18	< 0.5	0.14	6.2	3.6	193	< 1	8	24.0	55	7	3.2
308057	< 5	0.15	1	0.40	7430	0.14	0.065	< 15	< 0.1	1.1	< 3	29	< 0.5	0.03	< 0.2	< 0.5	23	< 1	13	9.9	24	7	2.0
308058	< 5	0.07	2	0.41	6150	0.05	0.082	< 15	< 0.1	1.7	< 3	28	< 0.5	0.07	1.1	3.2	28	< 1	11	8.0	24	9	1.5
308059	< 5	1.40	20	0.85	1800	0.53	0.125	116	3.5	9.1	< 3	70	< 0.5	0.28	6.9	8.4	153	< 1	13	24.6	42	12	4.0
308060	< 5	1.48	17	0.50	777	0.55	0.142	< 15	3.2	8.7	< 3	56	< 0.5	0.25	8.9	9.0	243	< 1	9	27.5	63	10	3.2
308061	< 5	1.47	17	0.48	1290	0.41	0.140	< 15	4.2	7.7	< 3	40	< 0.5	0.22	4.9	5.6	279	< 1	9	27.3	53	22	3.0
308062	< 5	2.52	19	0.32	199	0.17	0.051	86	13.3	13.3	10	27	< 0.5	0.24	8.4	7.9	271	< 1	12	51.8	102	29	5.5
308063	< 5	2.39	18	0.57	410	0.94	0.076	112	3.1	9.1	< 3	129	< 0.5	0.26	6.8	7.1	238	< 1	10	26.6	50	19	3.0
308064	< 5	0.48	6	0.34	3500	0.42	0.131	< 15	0.5	3.5	< 3	65	< 0.5	0.10	3.2	4.5	53	< 1	9	14.0	34	< 5	2.1
308065	< 5	0.53	9	0.31	8160	0.39	0.126	< 15	2.3	5.1	< 3	54	< 0.5	0.09	3.9	3.2	180	< 1	16	25.9	45	14	3.6
308066	< 5	2.22	13	0.50	238	0.99	0.095	88	0.9	7.1	< 3	138	< 0.5	0.20	12.9	3.8	65	< 1	9	29.0	53	29	2.6
308067	< 5	2.23	26	0.50	385	0.14	0.069	126	4.8	11.6	< 3	25	< 0.5	0.25	13.9	8.5	332	< 1	14	54.0	110	47	5.5
308068	< 5	2.50	21	0.76	1640	0.52	0.118	154	1.8	26.7	< 3	52	< 0.5	0.57	9.9	5.2	270	< 1	8	23.3	61	< 5	3.0
308069	< 5	2.10	13	0.40	236	1.04	0.083	225	3.1	8.0	< 3	125	< 0.5	0.29	8.9	4.2	155	< 1	8	29.2	63	20	3.0
308070	< 5	2.22	32	1.16	769	1.74	0.050	108	0.4	11.2	< 3	198	< 0.5	0.37	13.8	2.9	96	< 1	12	30.0	61	20	3.2
308071	< 5	2.55	22	0.55	285	0.80	0.078	154	3.5	9.1	< 3	101	< 0.5	0.31	12.7	6.2	193	< 1	9	35.1	85	24	3.3
308072	< 5	2.77	25	0.59	128	0.64	0.030	171	1.4	10.7	< 3	85	< 0.5	0.12	14.0	< 0.5	52	< 1	20	51.4	103	44	6.2
308073	< 5	2.51	12	0.41	183	0.75	0.050	100	1.2	9.3	< 3	111	< 0.5	0.17	13.0	3.0	89	< 1	10	43.9	103	33	4.3

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
308074	< 5	3.58	33	0.66	257	0.26	0.049	85	1.2	11.6	< 3	42	< 0.5	0.35	25.4	3.2	84	< 1	10	71.6	150	41	5.8
308075	< 5	2.44	16	0.30	184	0.23	0.191	113	18.0	9.6	< 3	35	< 0.5	0.20	5.8	6.6	347	< 1	8	33.3	67	26	3.6
308076	< 5	2.01	21	0.57	1400	0.61	0.152	248	4.5	9.0	< 3	56	< 0.5	0.28	7.6	7.4	266	< 1	12	26.3	59	22	3.0
308077	< 5	1.63	17	0.48	1010	0.62	0.181	66	4.8	7.8	< 3	70	< 0.5	0.24	7.9	6.8	278	< 1	11	26.6	57	12	3.1
308078	< 5	1.30	12	0.52	2940	0.94	0.111	< 15	2.4	5.9	< 3	133	< 0.5	0.20	7.4	6.7	156	< 1	14	24.4	55	20	3.5
308079	< 5	0.54	9	0.22	9540	0.52	0.390	< 15	4.1	6.5	12	95	< 0.5	0.09	4.3	107	243	< 1	110	40.2	87	45	8.8
308080	< 5	1.17	14	0.51	6540	0.71	0.073	< 15	1.6	8.0	< 3	87	< 0.5	0.20	5.0	4.2	87	< 1	19	24.8	58	20	3.5
308081	< 5	0.09	3	0.39	7430	0.07	0.066	< 15	< 0.1	1.9	< 3	18	< 0.5	0.08	3.0	< 0.5	35	< 1	17	12.2	20	< 5	2.1
308082	< 5	0.03	4	1.37	5690	0.03	0.053	< 15	0.3	3.2	< 3	49	< 0.5	0.01	< 0.2	< 0.5	28	< 1	12	13.0	34	12	1.8
308083	< 5	0.05	2	0.27	5320	0.04	0.089	< 15	0.4	0.7	< 3	13	< 0.5	0.02	< 0.2	< 0.5	25	< 1	16	7.8	9	< 5	1.3
308084	< 5	0.34	3	0.07	2290	0.09	0.320	< 15	12.6	3.5	50	19	< 0.5	0.04	3.7	55.9	496	< 1	45	17.9	41	26	4.3
308085	< 5	2.08	39	0.61	986	0.38	0.101	163	16.5	16.2	< 3	58	< 0.5	0.39	12.1	10.8	289	< 1	15	49.9	93	24	6.1
308086	< 5	2.08	31	0.84	185	0.84	0.054	87	1.5	10.5	< 3	95	< 0.5	0.38	16.5	1.7	146	< 1	10	43.1	85	27	4.7
308087	< 5	3.00	26	0.83	210	0.55	0.060	46	2.4	9.1	< 3	85	< 0.5	0.30	12.7	6.2	101	< 1	31	43.0	95	32	7.4
308088	< 5	0.08	< 1	0.22	1570	0.07	0.064	< 15	< 0.1	0.6	< 3	23	< 0.5	0.02	< 0.2	1.9	10	< 1	6	4.7	12	< 5	0.6
308089	< 5	0.26	6	0.38	5920	0.22	0.129	< 15	< 0.1	3.8	< 3	44	< 0.5	0.16	4.7	16.6	58	< 1	33	22.8	49	15	4.6
308090	< 5	3.06	31	0.60	107	0.15	0.121	130	30.3	16.0	< 3	27	< 0.5	0.44	9.6	2.4	216	< 1	7	49.3	116	23	5.9
308201	< 5	0.44	10	0.41	4250	0.18	0.105	< 15	2.0	4.0	< 3	28	< 0.5	0.08	2.4	7.2	118	< 1	13	14.9	30	23	2.1
308202	< 5	1.47	16	0.50	1070	0.39	0.105	< 15	5.9	8.0	< 3	56	< 0.5	0.18	6.4	8.4	298	< 1	11	27.2	60	14	3.6
308203	< 5	3.11	35	0.72	129	0.14	0.032	167	21.4	11.9	< 3	23	< 0.5	0.33	8.8	9.5	358	< 1	8	38.3	88	26	4.2
308204	< 5	0.03	3	0.47	8200	0.04	0.027	< 15	0.5	0.7	< 3	21	< 0.5	0.03	0.7	< 0.5	24	< 1	10	8.3	22	< 5	1.3
308205	< 5	0.03	< 1	0.51	12900	0.03	0.064	< 15	0.4	1.2	< 3	14	< 0.5	< 0.01	1.2	< 0.5	15	< 1	7	10.7	20	< 5	1.6
308206	< 5	0.29	12	0.47	5270	0.24	0.090	< 15	0.3	2.9	< 3	50	< 0.5	0.06	3.4	3.3	48	< 1	16	15.4	34	9	2.1
308207	< 5	2.77	29	0.67	4600	0.74	0.072	196	7.8	10.9	< 3	83	1.7	0.30	11.5	4.1	199	< 1	10	30.4	72	23	3.7
308208	< 5	2.50	24	0.62	738	0.53	0.153	176	9.6	12.3	< 3	65	2.0	0.30	10.2	9.2	493	< 1	13	42.7	99	25	5.6
308209	< 5	1.97	17	0.71	2360	0.90	0.098	85	3.1	9.6	< 3	121	< 0.5	0.32	10.4	4.1	122	< 1	18	33.4	92	17	5.3
308210	< 5	2.19	29	1.12	1140	1.90	0.055	117	0.4	11.2	< 3	218	< 0.5	0.31	12.1	5.2	77	< 1	18	32.2	66	29	4.8
308211	< 5	2.04	17	0.58	457	0.93	0.075	98	4.6	8.5	< 3	118	< 0.5	0.26	8.5	7.4	146	< 1	10	28.2	60	9	3.4
308212	< 5	1.48	21	0.25	1350	0.09	0.443	55	4.2	7.9	< 3	38	< 0.5	0.09	9.7	9.4	253	< 1	22	36.1	108	16	5.8
308213	< 5	2.49	16	0.48	718	0.92	0.074	159	8.4	8.7	< 3	141	< 0.5	0.28	5.2	10.9	279	< 1	12	30.8	74	14	3.3
308214	< 5	2.10	18	0.44	582	0.65	0.080	143	11.2	8.6	12	85	< 0.5	0.21	5.8	9.0	261	< 1	10	29.0	74	16	3.0
308215	< 5	1.67	16	0.51	880	0.71	0.108	35	6.1	6.6	< 3	101	< 0.5	0.20	6.4	4.0	127	< 1	10	20.2	49	16	2.3
308216	< 5	2.27	21	0.44	561	0.10	0.076	130	22.6	8.4	< 3	24	< 0.5	0.18	3.6	4.2	146	< 1	9	20.6	48	10	2.2
308217	< 5	2.49	29	1.17	740	1.86	0.087	189	0.6	9.8	< 3	245	< 0.5	0.35	9.8	2.5	79	< 1	22	39.7	85	26	4.9
308218	< 5	2.38	30	1.20	1330	1.85	0.068	165	0.4	10.5	< 3	241	< 0.5	0.38	10.9	4.3	92	< 1	22	42.1	99	29	5.2
308219	< 5	1.53	27	0.66	2720	0.66	0.095	46	3.5	6.8	< 3	104	< 0.5	0.24	5.4	7.3	151	< 1	11	24.1	63	14	2.9
308220	< 5	1.32	12	0.47	1520	0.74	0.117	67	3.7	6.2	< 3	96	< 0.5	0.21	4.7	7.2	132	< 1	11	17.1	47	5	2.3
308221	< 5	1.68	16	0.57	1990	0.65	0.088	84	7.0	7.2	< 3	100	< 0.5	0.21	6.1	12.7	208	< 1	15	26.1	66	23	3.4
308222	< 5	2.30	22	0.72	885	1.07	0.052	234	3.4	9.0	< 3	135	< 0.5	0.31	9.5	8.3	136	< 1	14	32.6	82	22	3.6
308223	< 5	2.30	22	0.79	1810	1.04	0.104	41	0.4	12.9	< 3	131	< 0.5	0.31	7.4	< 0.5	111	< 1	12	26.9	52	22	3.6
308224	< 5	1.54	11	0.80	2690	0.96	0.119	38	0.6	11.7	< 3	146	< 0.5	0.34	5.9	7.7	219	< 1	18	29.9	43	34	4.4
308225	< 5	0.03	< 1	0.16	1220	0.01	0.029	< 15	0.2	0.4	< 3	8	< 0.5	0.01	0.2	1.2	7	< 1	4	2.4	3	< 5	0.3
308226	< 5	0.18	9	0.39	1310	0.04	0.401	< 15	3.0	3.5	17	37	0.9	0.02	3.3	13.2	146	< 1	16	12.8	25	7	2.6
308227	< 5	2.57	20	0.47	1000	0.51	0.119	48	12.5	10.6	16	115	< 0.5	0.23	6.0	15.8	231	< 1	15	35.1	54	14	4.5
308228	< 5	1.39	14	0.48	5590	0.42	0.064	112	0.8	5.0	< 3	63	< 0.5	0.18	3.6	4.5	94	< 1	7	14.2	26	10	1.8
308229	< 5	1.57	15	0.63	3580	1.10	0.048	30	0.7	7.9	< 3	153	< 0.5	0.29	7.7	5.0	95	< 1	15	22.5	36	18	3.0
307601	< 5	0.04	4	2.23	11000	0.03	0.041	< 15	< 0.1	1.0	< 3	56	< 0.5	0.03	0.7	< 0.5	41	< 1	12	8.6	10	< 5	1.2
307602	< 5	0.14	2	1.64	11100	0.11	0.047	< 15	< 0.1	1.5	< 3	99	< 0.5	0.03	1.3	< 0.5	36	< 1	12	11.7	20	5	1.7
307603	< 5	0.17	5	0.40	14500	0.16	0.078	< 15	0.4	4.0	< 3	9	< 0.5	0.22	2.0	< 0.5	116	< 1	10	13.3	< 3	11	2.2
307604	< 5	1.58	19	1.06	1240	1.59	0.099	67	0.3	8.8	< 3	191	< 0.5	0.28	8.1	1.8	87	< 1	16	29.4	49	21	4.2

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
307605	< 5	0.06	4	0.91	12400	0.06	0.079	< 15	0.3	4.2	< 3	30	< 0.5	0.11	1.9	< 0.5	101	< 1	14	12.7	20	< 5	2.4
307606	< 5	0.14	2	0.54	8800	0.11	0.070	< 15	0.3	2.3	< 3	21	< 0.5	0.12	2.2	< 0.5	62	< 1	7	13.0	23	12	2.0
307607	< 5	0.18	5	0.64	12500	0.15	0.079	< 15	0.3	3.3	< 3	30	< 0.5	0.11	1.8	< 0.5	75	< 1	10	11.5	20	9	1.9
307608	< 5	1.66	16	0.82	489	1.59	0.042	< 15	1.4	10.2	< 3	179	< 0.5	0.35	6.0	2.4	157	< 1	11	14.5	31	11	2.0
307609	< 5	1.50	13	0.73	404	0.95	0.052	23	1.1	8.4	< 3	135	< 0.5	0.27	4.3	2.0	118	< 1	10	17.0	33	13	2.2
307610	< 5	2.11	20	0.41	95	0.51	0.085	52	12.6	11.5	22	56	< 0.5	0.32	5.3	4.7	319	< 1	11	42.1	76	23	5.8
307611	< 5	0.53	6	0.20	209	0.16	0.351	< 15	10.2	2.9	31	38	< 0.5	0.09	4.3	23.4	463	< 1	14	17.9	33	13	3.6
307612	< 5	0.76	10	0.14	193	0.04	0.531	< 15	48.3	3.6	82	46	< 0.5	0.12	6.9	22.9	1770	9	18	58.9	84	35	10.5
307613	< 5	1.11	9	0.21	556	0.26	0.277	< 15	40.1	5.4	72	47	< 0.5	0.16	4.6	18.4	950	< 1	13	35.1	60	38	5.2
307614	< 5	0.06	5	0.31	10400	0.05	0.046	< 15	0.4	1.8	< 3	16	< 0.5	0.03	0.8	< 0.5	40	< 1	8	9.6	16	10	1.5
307615	< 5	0.70	19	0.45	6880	0.47	0.066	< 15	0.6	5.7	< 3	66	< 0.5	0.10	6.7	7.2	61	< 1	18	26.6	36	12	3.6
307616	< 5	2.31	39	0.49	208	0.10	0.056	198	30.0	15.1	24	17	1.1	0.21	5.1	4.3	245	< 1	8	27.8	53	19	3.3
307617	< 5	0.03	1	0.20	9120	0.01	0.024	< 15	0.4	1.2	< 3	8	< 0.5	< 0.01	0.7	1.4	24	< 1	12	12.2	24	7	1.6
307618	< 5	0.16	23	0.48	12300	0.04	0.027	< 15	0.7	1.6	< 3	22	< 0.5	0.01	1.5	4.3	55	< 1	15	14.2	22	15	1.8
307619	< 5	0.04	1	0.19	6000	0.03	0.061	< 15	1.0	1.6	< 3	5	< 0.5	0.04	2.2	2.3	34	< 1	6	11.1	18	6	1.4
307620	< 5	1.77	18	0.85	646	1.97	0.046	105	0.9	10.1	< 3	229	< 0.5	0.30	7.9	2.9	91	< 1	10	21.1	39	14	2.5
307621	< 5	0.34	57	0.40	3300	1.40	0.030	< 15	0.4	43.9	< 3	93	< 0.5	0.24	< 0.2	6.3	244	< 1	9	7.8	19	6	3.9
307622	< 5	1.51	11	0.36	396	0.72	0.111	33	4.4	6.6	< 3	87	< 0.5	0.19	3.9	5.4	176	< 1	7	19.0	32	12	2.2
307623	< 5	0.32	10	0.55	11200	0.16	0.074	< 15	2.3	5.8	< 3	50	< 0.5	0.05	2.0	1.9	60	< 1	26	15.7	38	10	3.1
307624	< 5	0.51	24	0.31	5200	0.55	0.087	< 15	0.7	4.8	< 3	74	< 0.5	0.10	2.8	7.2	47	< 1	14	17.9	40	11	2.6
307625	< 5	0.16	1	0.49	6110	0.13	0.071	< 15	0.3	1.6	< 3	29	< 0.5	0.06	1.0	< 0.5	33	< 1	11	10.2	17	15	1.4
307626	< 5	1.09	54	0.77	12600	0.81	0.093	38	0.6	7.9	< 3	111	< 0.5	0.17	7.5	6.5	88	< 1	34	40.2	99	57	7.4
307627	< 5	1.68	34	0.78	4100	0.61	0.138	< 15	2.9	10.7	< 3	86	< 0.5	0.21	8.5	11.9	110	< 1	33	44.1	77	38	7.2
307628	< 5	1.52	31	0.75	5390	0.97	0.153	56	2.0	13.3	< 3	119	< 0.5	0.20	12.1	19.5	111	< 1	33	48.1	83	50	7.7
307629	< 5	1.43	37	0.87	3350	0.94	0.126	48	2.4	9.2	< 3	118	< 0.5	0.23	9.5	9.2	168	< 1	18	27.1	54	29	4.6
307630	< 5	1.52	18	0.40	144	0.44	0.112	103	10.1	11.7	< 3	73	< 0.5	0.33	7.0	5.2	422	< 1	11	36.1	70	49	5.7
307631	< 5	0.10	4	0.55	7390	0.11	0.061	24	0.6	1.9	< 3	27	< 0.5	0.12	2.3	1.9	51	< 1	13	15.0	29	14	2.5
307632	< 5	0.05	< 1	0.36	6650	0.04	0.022	< 15	0.3	0.6	< 3	16	< 0.5	< 0.01	0.6	< 0.5	12	< 1	10	8.5	17	6	1.2
307633	< 5	1.83	18	0.70	582	1.01	0.056	40	1.8	9.1	< 3	128	< 0.5	0.31	7.3	4.3	122	< 1	9	21.7	44	21	3.0
307634	< 5	1.58	22	0.61	209	0.57	0.102	78	40.3	13.4	14	19	< 0.5	0.21	4.6	1.9	229	< 1	7	24.1	49	14	3.6
307635	< 5	2.29	16	0.34	853	0.56	0.093	156	15.3	8.9	17	76	< 0.5	0.23	6.3	5.9	436	2	11	27.9	56	16	4.2
307636	< 5	2.14	36	0.70	256	0.46	0.031	192	1.6	11.2	< 3	36	0.9	0.23	21.4	2.1	92	< 1	8	46.9	91	45	5.3
307637	< 5	2.42	19	0.35	240	0.13	0.068	104	21.9	11.3	< 3	19	2.6	0.20	9.0	10.0	234	< 1	10	33.4	53	26	3.7
307638	< 5	0.05	18	0.68	4650	0.02	0.051	< 15	0.8	3.6	< 3	3	< 0.5	0.02	2.8	0.8	90	< 1	7	18.1	28	11	2.2
307639	< 5	0.10	14	0.54	11000	0.03	0.072	40	0.6	2.8	< 3	25	< 0.5	0.02	1.3	2.7	40	< 1	14	12.8	20	9	1.6
307640	< 5	1.42	18	0.45	1300	0.28	0.124	71	5.6	6.8	< 3	34	< 0.5	0.19	5.5	7.7	320	< 1	11	24.6	41	11	3.0
307641	< 5	1.75	14	0.61	2450	1.16	0.064	< 15	4.9	8.5	< 3	135	< 0.5	0.24	6.8	5.0	155	< 1	10	22.6	40	18	2.9

Results

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
307301	< 0.01	< 0.5	1.1	0.07	40.7
307302	< 0.01	< 0.5	1.5	0.11	25.6
307303	< 0.01	< 0.5	1.2	0.09	29.3
307304	< 0.01	< 0.5	1.8	0.09	24.9
307305	< 0.01	< 0.5	1.8	0.06	27.0
307306	< 0.01	< 0.5	0.8	< 0.05	34.8
307307	< 0.01	< 0.5	0.7	< 0.05	37.3
307308	< 0.01	< 0.5	0.8	0.06	26.1
307309	< 0.01	< 0.5	1.7	0.11	21.4
307310	< 0.01	< 0.5	1.1	0.08	29.3
307311	< 0.01	< 0.5	1.6	0.09	26.5
307312	< 0.01	< 0.5	1.2	0.07	25.4
307313	< 0.01	< 0.5	0.8	0.07	36.0
307314	< 0.01	< 0.5	2.2	0.10	27.2
307315	< 0.01	< 0.5	1.6	0.13	26.0
307316	< 0.01	< 0.5	1.8	0.10	23.8
307317	< 0.01	< 0.5	1.7	0.11	30.7
307318	< 0.01	< 0.5	0.8	0.06	25.0
307319	< 0.01	< 0.5	1.3	0.10	29.4
307320	< 0.01	< 0.5	1.0	0.08	28.9
307321	< 0.01	< 0.5	1.4	0.06	27.8
307322	< 0.01	< 0.5	1.4	0.11	28.8
307323	< 0.01	< 0.5	1.2	0.07	30.1
307324	< 0.01	< 0.5	1.1	0.09	33.2
307325	< 0.01	< 0.5	1.2	0.08	25.3
307326	< 0.01	< 0.5	1.5	0.11	31.7
307327	< 0.01	< 0.5	0.7	0.05	33.9
307328	< 0.01	< 0.5	1.4	0.08	27.4
307329	< 0.01	< 0.5	1.2	0.10	29.9
307330	< 0.01	< 0.5	0.6	0.05	27.8
307331	< 0.01	< 0.5	2.1	0.20	30.0
307332	< 0.01	< 0.5	1.3	0.11	33.1
307333	< 0.01	< 0.5	1.7	0.08	27.9
307334	< 0.01	< 0.5	1.4	0.08	27.8
307335	< 0.01	< 0.5	1.5	0.10	23.2
307336	< 0.01	< 0.5	1.5	0.08	27.7
307337	< 0.01	< 0.5	2.1	0.12	25.4
307338	< 0.01	< 0.5	1.4	0.08	29.2
307339	< 0.01	< 0.5	1.5	0.09	29.1
307340	< 0.01	< 0.5	1.1	0.05	28.3
307341	< 0.01	< 0.5	3.9	0.28	30.7
307342	< 0.01	< 0.5	1.6	0.11	27.7
307343	< 0.01	< 0.5	1.4	0.06	29.0
307344	< 0.01	< 0.5	1.7	0.06	24.3
307345	< 0.01	< 0.5	1.5	0.11	25.7
307346	< 0.01	< 0.5	1.7	0.11	26.6
307347	< 0.01	< 0.5	0.6	< 0.05	36.4
307348	< 0.01	< 0.5	0.6	< 0.05	34.2
307349	< 0.01	< 0.5	1.3	0.08	35.7

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
307350	< 0.01	< 0.5	1.0	0.05	34.0
307451	< 0.01	< 0.5	1.3	0.06	27.3
307452	< 0.01	< 0.5	1.7	0.08	28.0
307453	< 0.01	< 0.5	1.6	0.06	24.1
307454	< 0.01	< 0.5	1.5	0.07	26.1
307455	< 0.01	< 0.5	1.4	0.07	29.8
307456	< 0.01	< 0.5	1.4	0.06	28.0
307457	< 0.01	< 0.5	1.5	0.07	29.7
307458	< 0.01	< 0.5	1.1	0.05	27.1
307459	< 0.01	< 0.5	1.6	0.09	28.1
307460	< 0.01	< 0.5	1.4	0.05	29.6
307461	< 0.01	< 0.5	1.1	0.06	25.3
307462	< 0.01	< 0.5	1.5	0.07	28.0
307463	< 0.01	< 0.5	1.2	0.06	27.7
307464	< 0.01	< 0.5	1.8	0.11	22.6
307465	< 0.01	< 0.5	2.9	0.23	28.0
307466	< 0.01	< 0.5	2.0	0.15	20.3
307467	< 0.01	< 0.5	1.4	0.08	22.5
307468	< 0.01	< 0.5	1.3	0.12	28.5
307469	< 0.01	< 0.5	1.2	0.07	28.4
307470	< 0.01	< 0.5	0.6	0.09	26.6
307471	< 0.01	< 0.5	0.3	< 0.05	35.4
307472	< 0.01	< 0.5	1.3	0.07	35.4
307473	< 0.01	< 0.5	0.8	< 0.05	30.9
307474	< 0.01	< 0.5	2.0	0.17	24.5
307475	< 0.01	< 0.5	1.4	0.12	27.6
307476	< 0.01	< 0.5	1.0	< 0.05	24.8
307477	< 0.01	< 0.5	0.9	0.06	35.9
307478	< 0.01	< 0.5	0.7	0.05	33.6
307479	< 0.01	< 0.5	0.3	0.05	23.8
307480	< 0.01	< 0.5	2.4	0.11	27.0
307481	< 0.01	< 0.5	1.8	0.11	25.4
307482	< 0.01	< 0.5	0.8	0.05	27.2
307483	< 0.01	< 0.5	1.0	0.08	17.2
307484	< 0.01	< 0.5	0.6	< 0.05	32.9
307485	< 0.01	< 0.5	1.5	0.09	25.0
307486	< 0.01	< 0.5	1.1	0.06	18.5
307487	< 0.01	< 0.5	1.1	0.07	28.9
307488	< 0.01	< 0.5	1.7	0.10	26.1
307489	< 0.01	< 0.5	1.3	0.08	26.1
307490	< 0.01	< 0.5	1.7	0.09	23.6
307491	< 0.01	< 0.5	1.4	0.06	20.8
307492	< 0.01	< 0.5	1.8	0.09	29.8
307493	< 0.01	< 0.5	1.1	< 0.05	18.4
307494	< 0.01	< 0.5	1.1	0.08	25.0
307495	< 0.01	< 0.5	0.9	0.05	25.5
307496	< 0.01	< 0.5	1.4	0.06	24.9
307497	< 0.01	< 0.5	1.6	0.08	21.4
307498	< 0.01	< 0.5	1.2	0.07	25.9
307499	< 0.01	< 0.5	0.9	< 0.05	27.7

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
307500	< 0.01	< 0.5	1.9	0.12	25.5
307751	< 0.01	< 0.5	1.4	0.07	28.9
307752	< 0.01	< 0.5	1.4	0.08	25.0
307753	< 0.01	< 0.5	1.4	0.08	26.3
307754	< 0.01	< 0.5	0.8	0.05	24.1
307755	< 0.01	< 0.5	2.0	0.12	23.9
307756	< 0.01	< 0.5	1.9	0.10	28.0
307757	< 0.01	< 0.5	0.9	0.06	29.4
307758	< 0.01	< 0.5	1.2	0.06	31.2
307759	< 0.01	< 0.5	1.3	0.08	27.5
307760	< 0.01	< 0.5	2.8	0.17	28.7
307761	< 0.01	< 0.5	1.3	0.05	31.6
307762	< 0.01	< 0.5	1.4	0.07	41.0
307763	< 0.01	< 0.5	0.5	< 0.05	42.2
307764	< 0.01	< 0.5	1.2	0.08	27.9
307765	< 0.01	< 0.5	1.4	0.06	26.0
307766	< 0.01	< 0.5	1.6	0.08	24.1
307767	< 0.01	< 0.5	2.8	0.18	26.5
307768	< 0.01	< 0.5	1.5	0.06	24.6
307769	< 0.01	< 0.5	1.1	0.08	31.1
307770	< 0.01	< 0.5	1.1	0.07	32.8
307771	< 0.01	< 0.5	1.0	0.07	29.2
307772	< 0.01	< 0.5	1.6	0.11	23.7
307773	< 0.01	< 0.5	1.8	0.09	20.7
307774	< 0.01	< 0.5	1.3	0.09	22.7
307775	< 0.01	< 0.5	1.5	0.08	31.7
307776	< 0.01	0.9	4.1	0.18	23.6
307777	< 0.01	< 0.5	1.5	0.09	21.6
307778	< 0.01	< 0.5	3.4	0.18	24.6
307779	< 0.01	< 0.5	2.8	0.24	16.9
307780	< 0.01	< 0.5	1.5	0.16	34.0
307781	< 0.01	< 0.5	1.9	0.10	24.6
307782	< 0.01	< 0.5	1.7	0.07	31.3
307783	< 0.01	< 0.5	1.1	0.09	21.9
307784	< 0.01	< 0.5	1.1	< 0.05	36.4
307785	< 0.01	< 0.5	1.9	0.08	29.0
307786	< 0.01	< 0.5	1.8	0.13	25.4
307787	< 0.01	< 0.5	1.5	0.05	28.1
307788	< 0.01	< 0.5	2.3	0.15	24.0
307789	< 0.01	< 0.5	0.6	< 0.05	31.8
307790	< 0.01	< 0.5	1.9	0.09	28.1
307791	< 0.01	< 0.5	4.2	0.27	22.4
307792	< 0.01	< 0.5	1.5	0.12	22.8
307793	< 0.01	< 0.5	2.8	0.22	23.4
307794	< 0.01	< 0.5	1.6	0.06	20.5
307795	< 0.01	< 0.5	1.2	0.09	20.7
307796	< 0.01	< 0.5	< 0.2	< 0.05	24.5
307797	< 0.01	< 0.5	2.0	0.09	27.0
307798	< 0.01	< 0.5	2.0	0.11	22.1
307799	< 0.01	< 0.5	1.7	0.08	27.9

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
307800	< 0.01	< 0.5	1.4	0.11	20.9
307151	< 0.01	< 0.5	1.3	0.05	22.9
307152	< 0.01	< 0.5	1.5	0.08	25.9
307153	< 0.01	< 0.5	1.1	0.05	32.3
307154	< 0.01	< 0.5	2.7	0.14	17.3
307155	< 0.01	< 0.5	1.5	0.06	27.7
307156	< 0.01	< 0.5	2.4	0.11	23.4
307157	< 0.01	< 0.5	2.3	0.15	23.8
307158	< 0.01	< 0.5	0.7	< 0.05	27.9
307159	< 0.01	< 0.5	1.2	0.08	25.7
307160	< 0.01	< 0.5	1.2	< 0.05	23.1
307161	< 0.01	< 0.5	1.5	0.07	23.2
307162	< 0.01	< 0.5	1.5	0.08	21.4
307163	< 0.01	< 0.5	1.0	0.05	36.1
307164	< 0.01	< 0.5	0.8	0.05	38.9
307165	< 0.01	< 0.5	1.0	0.05	26.2
307166	< 0.01	< 0.5	1.7	0.08	27.2
307167	< 0.01	< 0.5	1.8	0.12	21.3
307168	< 0.01	< 0.5	1.9	0.12	25.1
307169	< 0.01	< 0.5	1.2	0.09	25.8
307170	< 0.01	0.6	2.0	0.16	23.2
307171	< 0.01	< 0.5	2.9	0.10	24.6
307172	< 0.01	< 0.5	1.5	0.08	26.1
307173	< 0.01	< 0.5	3.2	0.21	17.9
307174	< 0.01	< 0.5	1.3	0.16	19.6
307175	< 0.01	< 0.5	< 0.2	0.05	24.6
307176	< 0.01	< 0.5	0.3	0.06	24.7
307177	< 0.01	< 0.5	1.8	0.12	26.0
307178	< 0.01	< 0.5	2.0	0.16	21.2
307179	< 0.01	< 0.5	2.3	0.19	25.3
307180	< 0.01	< 0.5	1.8	0.12	23.2
307181	< 0.01	< 0.5	1.0	0.06	29.7
307182	< 0.01	< 0.5	1.5	0.07	26.8
307183	< 0.01	< 0.5	1.3	< 0.05	17.0
307184	< 0.01	< 0.5	3.0	0.23	16.4
307185	< 0.01	< 0.5	1.6	0.10	21.5
307186	< 0.01	< 0.5	0.6	0.05	28.7
307187	< 0.01	< 0.5	0.3	< 0.05	27.9
307188	< 0.01	< 0.5	0.8	< 0.05	36.8
307189	< 0.01	< 0.5	1.3	0.13	27.1
307190	< 0.01	< 0.5	0.2	< 0.05	26.3
307191	< 0.01	< 0.5	0.5	< 0.05	24.8
307192	< 0.01	< 0.5	1.0	0.05	25.0
307193	< 0.01	< 0.5	1.3	0.11	26.5
307194	< 0.01	< 0.5	1.4	0.06	21.6
307195	< 0.01	< 0.5	3.0	0.25	24.0
307196	< 0.01	< 0.5	1.6	0.25	19.5
307197	< 0.01	< 0.5	1.5	0.12	26.1
307198	< 0.01	< 0.5	2.0	0.17	26.2
307199	< 0.01	< 0.5	1.1	0.09	24.5

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
307200	< 0.01	< 0.5	1.4	0.25	27.8
307901	< 0.01	< 0.5	1.1	0.08	28.1
307902	< 0.01	< 0.5	1.7	0.13	23.9
307903	< 0.01	< 0.5	1.4	0.13	33.4
307904	< 0.01	< 0.5	1.5	0.18	27.4
307905	< 0.01	< 0.5	0.6	0.08	8.64
307906	< 0.01	< 0.5	0.8	0.12	26.0
307907	< 0.01	< 0.5	1.1	0.09	30.3
307908	< 0.01	< 0.5	1.1	0.14	25.1
307909	< 0.01	< 0.5	1.2	0.13	23.6
307910	< 0.01	< 0.5	0.9	0.08	22.9
307911					
307912	< 0.01	< 0.5	1.0	0.09	24.9
307913	< 0.01	< 0.5	0.6	0.06	32.7
307914	< 0.01	< 0.5	1.0	0.13	29.0
307915	< 0.01	< 0.5	2.1	0.34	20.3
307916	< 0.01	< 0.5	2.2	0.16	21.6
307917	< 0.01	< 0.5	0.8	0.12	21.3
307918	< 0.01	< 0.5	0.9	0.19	22.5
307919	< 0.01	< 0.5	1.3	0.18	29.0
307920	< 0.01	< 0.5	1.9	0.36	25.1
307921	< 0.01	< 0.5	1.8	0.39	22.3
307922	< 0.01	< 0.5	0.6	0.05	35.1
307923	< 0.01	< 0.5	0.7	0.12	30.5
307924	< 0.01	< 0.5	0.2	< 0.05	35.3
307925	< 0.01	< 0.5	0.9	0.21	20.0
307926	< 0.01	< 0.5	1.3	0.26	22.6
308051	< 0.01	< 0.5	0.3	< 0.05	43.6
308052	< 0.01	< 0.5	1.0	0.11	28.0
308053	< 0.01	< 0.5	0.7	0.09	37.7
308054	< 0.01	< 0.5	0.4	0.08	41.5
308055	< 0.01	< 0.5	1.0	0.17	41.3
308056	< 0.01	< 0.5	1.7	0.37	24.3
308057	< 0.01	< 0.5	1.3	0.23	23.7
308058	< 0.01	< 0.5	0.9	0.20	21.4
308059	< 0.01	< 0.5	1.7	0.59	24.5
308060	< 0.01	< 0.5	1.7	0.15	21.3
308061	< 0.01	< 0.5	1.7	0.12	27.8
308062	< 0.01	< 0.5	2.0	0.14	23.6
308063	< 0.01	< 0.5	1.7	0.10	22.9
308064	< 0.01	< 0.5	0.9	0.06	21.5
308065	< 0.01	< 0.5	2.5	0.22	22.0
308066	< 0.01	< 0.5	1.4	0.06	15.1
308067	< 0.01	< 0.5	2.1	0.15	19.3
308068	< 0.01	< 0.5	2.3	0.20	19.5
308069	< 0.01	< 0.5	1.1	0.07	27.7
308070	< 0.01	< 0.5	1.0	0.12	21.1
308071	< 0.01	< 0.5	1.8	0.10	23.5
308072	< 0.01	< 0.5	2.1	0.11	18.8
308073	< 0.01	< 0.5	1.4	0.18	16.8

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
308074	< 0.01	< 0.5	1.0	0.08	20.2
308075	< 0.01	< 0.5	1.4	0.09	22.8
308076	< 0.01	< 0.5	1.4	0.17	23.3
308077	< 0.01	< 0.5	2.0	0.17	20.7
308078	< 0.01	< 0.5	1.9	0.20	24.5
308079	< 0.01	< 0.5	7.7	0.90	16.0
308080	< 0.01	< 0.5	2.0	0.13	23.9
308081	< 0.01	< 0.5	1.5	0.08	23.6
308082	< 0.01	< 0.5	1.5	0.12	25.4
308083	< 0.01	< 0.5	1.0	0.07	28.4
308084	< 0.01	< 0.5	4.0	0.56	19.2
308085	< 0.01	< 0.5	2.1	0.12	15.0
308086	< 0.01	< 0.5	1.7	0.07	19.9
308087	< 0.01	< 0.5	2.6	0.13	20.3
308088	< 0.01	< 0.5	0.4	< 0.05	25.9
308089	< 0.01	< 0.5	3.1	0.28	17.7
308090	< 0.01	< 0.5	1.4	0.13	18.7
308201	< 0.01	< 0.5	1.9	0.18	21.2
308202	< 0.01	< 0.5	2.6	0.18	20.9
308203	< 0.01	< 0.5	1.7	0.13	20.4
308204	< 0.01	< 0.5	0.9	0.05	26.8
308205	< 0.01	< 0.5	0.9	0.07	34.9
308206	< 0.01	< 0.5	1.5	0.09	24.1
308207	< 0.01	< 0.5	1.2	0.10	23.4
308208	< 0.01	< 0.5	3.0	0.24	17.7
308209	< 0.01	< 0.5	2.8	0.18	20.9
308210	< 0.01	< 0.5	1.6	0.09	24.8
308211	< 0.01	< 0.5	1.3	0.10	25.9
308212	< 0.01	< 0.5	2.9	0.26	26.4
308213	< 0.01	< 0.5	1.9	0.16	26.6
308214	< 0.01	< 0.5	1.6	0.13	27.1
308215	< 0.01	< 0.5	1.2	0.08	27.9
308216	< 0.01	< 0.5	1.4	0.10	24.0
308217	< 0.01	< 0.5	1.6	0.07	28.7
308218	< 0.01	< 0.5	1.5	0.12	27.1
308219	< 0.01	< 0.5	1.5	0.07	24.9
308220	< 0.01	< 0.5	1.3	0.14	29.4
308221	< 0.01	< 0.5	2.1	0.18	25.8
308222	< 0.01	< 0.5	1.6	0.10	26.2
308223	< 0.01	< 0.5	1.5	0.05	17.5
308224	< 0.01	< 0.5	1.2	0.08	18.0
308225	< 0.01	< 0.5	0.2	< 0.05	33.7
308226	< 0.01	< 0.5	1.8	0.14	22.3
308227	< 0.01	< 0.5	1.7	0.14	23.3
308228	< 0.01	< 0.5	0.7	0.08	28.5
308229	< 0.01	< 0.5	1.2	0.08	23.8
307601	< 0.01	< 0.5	0.8	< 0.05	26.6
307602	< 0.01	< 0.5	1.0	< 0.05	28.9
307603	< 0.01	< 0.5	1.1	0.07	30.7
307604	< 0.01	< 0.5	1.5	0.07	25.7

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
307605	< 0.01	< 0.5	1.4	0.07	22.4
307606	< 0.01	< 0.5	1.0	0.05	25.4
307607	< 0.01	< 0.5	1.1	0.06	26.3
307608	< 0.01	< 0.5	1.2	0.07	27.1
307609	< 0.01	< 0.5	0.9	0.05	26.7
307610	< 0.01	< 0.5	1.8	0.12	30.0
307611	< 0.01	< 0.5	2.7	0.31	23.4
307612	< 0.01	< 0.5	12.5	0.93	23.9
307613	< 0.01	< 0.5	5.2	0.44	26.2
307614	< 0.01	< 0.5	1.1	0.06	28.9
307615	< 0.01	< 0.5	1.4	0.11	27.3
307616	< 0.01	< 0.5	1.7	0.12	28.5
307617	< 0.01	< 0.5	1.1	0.08	35.4
307618	< 0.01	< 0.5	1.6	0.10	32.4
307619	< 0.01	< 0.5	0.8	0.05	27.3
307620	< 0.01	< 0.5	1.1	0.05	32.0
307621	< 0.01	< 0.5	3.7	0.19	27.0
307622	< 0.01	< 0.5	1.2	0.07	29.6
307623	< 0.01	< 0.5	2.6	0.13	22.8
307624	< 0.01	< 0.5	1.3	0.11	22.3
307625	< 0.01	< 0.5	0.9	0.05	29.8
307626	< 0.01	< 0.5	3.5	0.30	22.5
307627	< 0.01	< 0.5	3.1	0.21	20.8
307628	< 0.01	< 0.5	3.4	0.23	19.6
307629	< 0.01	< 0.5	3.2	0.23	19.4
307630	< 0.01	< 0.5	2.6	0.17	24.5
307631	< 0.01	< 0.5	1.9	0.15	28.7
307632	< 0.01	< 0.5	0.7	0.05	29.0
307633	< 0.01	< 0.5	1.3	0.07	25.1
307634	< 0.01	< 0.5	2.5	0.16	30.2
307635	< 0.01	< 0.5	2.6	0.22	25.1
307636	< 0.01	< 0.5	1.4	0.10	22.0
307637	< 0.01	< 0.5	1.8	0.11	25.5
307638	< 0.01	< 0.5	1.3	0.09	35.3
307639	< 0.01	< 0.5	1.4	0.12	31.0
307640	< 0.01	< 0.5	2.2	0.23	26.6
307641	< 0.01	< 0.5	1.5	0.13	28.0

QC

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas		32.8		1150	2.6	15	731	43		748		0.25	2.00			1	1450		0.98				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-1 Meas		30.8		1100	2.2	16	716	40		712		0.23	2.15			1	1350		0.86				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-1 Meas		31.3		1070	2.1	14	673	36		671		0.22	4.90			1	1370		0.88				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-1 Meas		30.7		1060	2.2	14	668	37		669		0.22	4.83			1	1370		0.88				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-4 Meas		3.6		6750	0.4	319	46	45		72		1.88	6.37			2	14		1.20				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-4 Meas		3.4		6150	< 0.3	304	41	39		69		1.71	6.77			2	13		1.04				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-4 Meas		3.7		6560	0.7	320	43	40		75		1.81	7.01			2	30		1.05				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-4 Meas		3.9		6790	0.3	332	46	41		75		1.85	7.16			2	30		1.08				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
SDC-1 Meas				28			22	38		101			8.00			3			1.22				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
SDC-1 Meas				28			20	36		101			8.10			3			1.13				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
SDC-1 Meas				28			20	34		101			7.79			3			1.09				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
SDC-1 Meas				45			22	35		101			7.72			3			1.07				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
GXR-6 Meas		0.3		70	0.6	< 1	94	29		134		0.02	12.8			1	< 2		0.20				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
GXR-6 Meas		0.4		65	< 0.3	1	88	27		126		0.02	12.9			1	< 2		0.19				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
GXR-6 Meas		< 0.3		61	< 0.3	2	81	23		116		0.02	14.3			1	2		0.25				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
GXR-6 Meas		< 0.3		70	0.3	1	81	23		118		0.02	14.2			1	2		0.25				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
DNC-1a Meas				91			< 3	257		58													
DNC-1a Cert				100.00			6.3	247		70.0													
DNC-1a Meas				88			< 3	248		56													
DNC-1a Cert				100.00			6.3	247		70.0													
DNC-1a Meas				98			4	254		63													
DNC-1a Cert				100.00			6.3	247		70.0													
DNC-1a Meas				108			4	243		63													
DNC-1a Cert				100.00			6.3	247		70.0													
SBC-1 Meas				30	0.4	2	28	89		185						3	3						
SBC-1 Cert				31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70						
SBC-1 Meas				26	< 0.3	2	27	85		182						3	< 2						
SBC-1 Cert				31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70						
SBC-1 Meas				34	< 0.3	2	29	88		185						3	3						
SBC-1 Cert				31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70						
SBC-1 Meas				41	0.3	3	28	85		178						3	3						
SBC-1 Cert				31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70						
OREAS 45d (4-Acid)				378		4	18	260		46		0.05	7.85			< 1	2		0.22				

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
Meas																							
OREAS 45d (4-Acid) Cert				371.0		2.500	21.8	231.0		45.7		0.049	8.150			0.79	0.31		0.185				
SdAR-M2 (U.S.G.S.) Meas				244	5.4	10	831	56		819						8	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13.3	808	48.8		760						6.6	1.05						
SdAR-M2 (U.S.G.S.) Meas				234	5.0	13	818	53		781						7	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13.3	808	48.8		760						6.6	1.05						
SdAR-M2 (U.S.G.S.) Meas				266	5.6	12	885	54		853						8	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13.3	808	48.8		760						6.6	1.05						
SdAR-M2 (U.S.G.S.) Meas				277	5.8	13	861	52		833						7	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13.3	808	48.8		760						6.6	1.05						
DMMAS 118 Meas	1770													1760	1200					48	86		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1670													1710	1320					46	82		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1760													1730	1190					47	74		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1620													1630	1210					47	78		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1660													1700	1030					46	72		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1700													1700	1120					46	78		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1620													1710	1320					42	77		
DMMAS 118 Cert	1729													1661	1264					45	83		
307326 Orig		0.5		113	0.3	13	49	41		221		0.04	6.99			1	< 2		0.96				
307326 Dup		0.7		111	0.3	14	35	40		202		0.06	6.86			1	< 2		0.95				
307327 Orig		0.5		140	< 0.3	3	20	14		94		0.32	1.11			< 1	6		0.07				
307327 Dup		0.3		142	< 0.3	3	21	15		97		0.33	1.13			< 1	6		0.07				
307466 Orig		1.3		335	0.7	< 1	32	37		64		0.07	0.67			< 1	5		0.71				
307466 Dup		1.1		327	0.5	< 1	30	36		64		0.07	0.64			< 1	4		0.70				
307468 Orig		< 0.3		85	< 0.3	1	21	47		144		0.01	7.25			2	< 2		1.17				
307468 Dup		0.4		80	< 0.3	3	19	44		137		0.01	6.94			1	< 2		1.11				
307759 Orig		< 0.3		30	< 0.3	< 1	15	38		140		< 0.01	7.70			2	< 2		1.23				
307759 Dup		< 0.3		31	< 0.3	< 1	15	41		81		< 0.01	7.74			2	< 2		1.25				
307769 Orig		0.5		21	< 0.3	< 1	6	7		22		0.03	0.28			< 1	4		0.27				
307769 Dup		0.4		17	< 0.3	< 1	5	6		23		0.03	0.29			< 1	5		0.28				
307787 Orig		0.5		22	< 0.3	3	12	25		61		< 0.01	6.90			1	< 2		1.13				
307787 Dup		< 0.3		16	< 0.3	< 1	13	28		67		< 0.01	7.41			2	< 2		1.21				
307161 Orig		0.5		115	< 0.3	9	26	42		140		0.06	6.57			1	3		1.01				
307161 Dup		0.6		135	< 0.3	10	26	42		142		0.06	6.66			1	< 2		1.02				
307164 Orig		0.4		34	< 0.3	< 1	11	7		38		0.20	0.77			< 1	4		1.73				
307164 Dup		0.9		57	< 0.3	< 1	8	7		38		0.21	0.76			< 1	< 2		1.74				
307182 Orig		< 0.3		36	< 0.3	3	16	37		102		0.02	7.27			2	< 2		1.07				
307182 Dup		< 0.3		36	< 0.3	3	16	37		103		0.02	7.32			2	< 2		1.07				

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
307912 Orig		< 0.3		14	0.4	< 1	12	8		38		0.05	0.79			< 1	5		0.97				
307912 Dup		8.4		12	0.3	< 1	13	11		38		0.04	0.78			< 1	9		0.93				
307925 Orig		2.7		14	< 0.3	< 1	8	12		32		0.06	0.75			< 1	< 2		0.92				
307925 Dup		< 0.3		23	0.5	< 1	6	10		27		0.06	0.71			< 1	2		0.87				
308051 Orig		< 0.3		32	< 0.3	1	3	5		25		0.19	0.08			< 1	< 2		0.79				
308051 Dup		< 0.3		31	< 0.3	< 1	< 3	5		24		0.18	0.06			< 1	< 2		0.75				
308061 Orig		1.1		102	0.5	46	33	25		277		0.11	4.17			1	8		0.16				
308061 Dup		0.9		97	< 0.3	46	35	24		264		0.11	3.98			1	3		0.15				
308226 Orig		2.3		300	1.5	13	43	72		178		0.32	1.29			< 1	7		0.91				
308226 Dup		2.4		296	1.2	12	45	70		176		0.31	1.33			< 1	2		0.90				
308229 Orig		0.5		58	1.0	5	16	34		186		0.03	5.33			1	< 2		1.26				
308229 Dup		0.5		52	1.0	3	13	31		172		0.03	4.97			1	< 2		1.20				
307618 Orig		0.9		114	1.1	1	9	205		202		0.05	1.35			< 1	4		0.32				
307618 Dup		0.9		115	1.0	< 1	11	206		202		0.05	1.38			< 1	5		0.32				
307621 Orig		< 0.3		260	2.4	< 1	12	148		502		0.03	5.31			< 1	3		0.09				
307621 Dup		< 0.3		265	2.5	< 1	11	148		500		0.03	5.25			< 1	< 2		0.08				
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		1	< 0.3	< 1	< 3	1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		0.02	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	0.04			< 1	< 2		< 0.01				

QC

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
GXR-1 Meas					0.04	8	0.22	882		0.061					302		0.03			91		34	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-1 Meas					0.04	8	0.21	864		0.056					278		0.03			85		32	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-1 Meas					0.06	12	0.33	818		0.054					267		0.03			79		30	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-1 Meas					0.06	12	0.33	820		0.054					264		0.03			78		30	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-4 Meas					4.08	12	1.81	149		0.138					231		0.30			96		17	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
GXR-4 Meas					3.58	12	1.63	161		0.125					209		0.28			88		15	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
GXR-4 Meas					3.40	11	1.67	175		0.133					216		0.29			88		17	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
GXR-4 Meas					3.42	12	1.71	178		0.138					218		0.29			91		17	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
SDC-1 Meas					2.82	36	1.05	870		0.054					185		0.12			46			
SDC-1 Cert					2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00			
SDC-1 Meas					2.03	35	1.01	906		0.053					176		0.10			41			
SDC-1 Cert					2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00			
SDC-1 Meas					2.12	33	1.01	910		0.051					173		0.15			43			
SDC-1 Cert					2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00			
SDC-1 Meas					2.47	33	0.99	818		0.053					169		0.10			32			
SDC-1 Cert					2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00			
GXR-6 Meas					1.88	35	0.64	1090		0.037					42					130		14	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
GXR-6 Meas					1.07	35	0.62	1090		0.036					41					168		14	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
GXR-6 Meas					1.54	39	0.67	965		0.035					50					153		13	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
GXR-6 Meas					1.61	39	0.67	972		0.034					49					145		13	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
DNC-1a Meas						5									133		0.27			138		17	
DNC-1a Cert						5.20									144.0		0.29			148.0000		18.0	
DNC-1a Meas						4									125		0.27			137		17	
DNC-1a Cert						5.20									144.0		0.29			148.0000		18.0	
DNC-1a Meas						4									137		0.31			147		19	
DNC-1a Cert						5.20									144.0		0.29			148.0000		18.0	
DNC-1a Meas						4									134		0.30			143		18	
DNC-1a Cert						5.20									144.0		0.29			148.0000		18.0	
SBC-1 Meas						154									183		0.53			225		36	
SBC-1 Cert						163.0									178.0		0.51			220.0		36.5	
SBC-1 Meas						148									171		0.44			214		36	
SBC-1 Cert						163.0									178.0		0.51			220.0		36.5	
SBC-1 Meas						149									179		0.56			228		38	
SBC-1 Cert						163.0									178.0		0.51			220.0		36.5	
SBC-1 Meas						141									172		0.55			214		36	
SBC-1 Cert						163.0									178.0		0.51			220.0		36.5	
OREAS 45d (4-Acid) Meas					0.40	23	0.25	499		0.036					33		0.20			118		14	
OREAS 45d (4-Acid) Cert					0.412	21.50	0.245	490.000		0.042					31.30		0.773			235.0		9.53	
SdAR-M2 (U.S.G.S.) Meas						19									156					27		32	
SdAR-M2 (U.S.G.S.) Cert						17.9									144					25.2		32.7	
SdAR-M2 (U.S.G.S.) Meas						18									142					27		30	
SdAR-M2 (U.S.G.S.) Cert						17.9									144					25.2		32.7	
SdAR-M2 (U.S.G.S.) Meas						18									152					29		32	
SdAR-M2 (U.S.G.S.)						17.9									144					25.2		32.7	

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
Cert																							
SdAR-M2 (U.S.G.S.) Meas						18									156					28		31	
SdAR-M2 (U.S.G.S.) Cert						17.9									144					25.2		32.7	
DMMAS 118 Meas	3.33								2.09			7.0	6.1						17.4				17.6
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.22								2.09			7.0	5.9						15.1				16.2
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.23								2.06			6.5	5.9						16.3				16.3
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.38								2.11			6.4	6.1						14.1				16.8
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.38								2.16			6.4	5.9						15.4				17.1
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.38								2.12			6.6	5.9						15.5				16.8
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.29								2.22			7.0	6.2						16.1				16.1
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
307326 Orig					2.11	13	0.67	1170		0.068					204		0.28			154		11	
307326 Dup					2.06	13	0.66	1150		0.073					205		0.27			153		11	
307327 Orig					0.31	4	0.27	1300		0.054					13		0.06			80		3	
307327 Dup					0.31	4	0.27	1330		0.054					13		0.06			82		3	
307466 Orig					0.09	< 1	0.22	2580		0.087					27		0.03			18		13	
307466 Dup					0.09	< 1	0.21	2520		0.086					26		0.02			17		13	
307468 Orig					2.16	25	1.11	757		0.033					219		0.31			80		17	
307468 Dup					2.06	23	1.06	756		0.041					211		0.36			94		16	
307759 Orig					2.62	33	1.24	795		0.062					234		0.31			77		18	
307759 Dup					2.65	33	1.26	752		0.057					234		0.15			44		19	
307769 Orig					0.05	< 1	0.42	5340		0.037					12		0.01			24		12	
307769 Dup					0.05	< 1	0.44	5560		0.038					13		0.01			24		12	
307787 Orig					2.30	23	0.97	584		0.056					229		0.30			70		13	
307787 Dup					2.39	25	1.04	600		0.049					248		0.32			70		14	
307161 Orig					1.88	23	1.23	832		0.075					156		0.32			137		11	
307161 Dup					1.89	23	1.24	820		0.077					157		0.32			141		11	
307164 Orig					0.21	3	0.79	11200		0.016					70		0.02			20		8	
307164 Dup					0.21	2	0.80	11200		0.015					73		0.03			22		8	
307182 Orig					2.39	27	1.07	568		0.050					238		0.32			90		12	
307182 Dup					2.38	28	1.07	564		0.048					238		0.31			86		12	
307912 Orig					0.15	3	0.49	7530		0.076					39		0.04			38		15	
307912 Dup					0.15	3	0.48	7450		0.076					39		0.04			37		15	
307925 Orig					0.11	2	0.47	8460		0.096					24		0.06			37		10	
307925 Dup					0.10	2	0.44	7960		0.091					22		0.05			35		10	
308051 Orig					0.01	< 1	0.34	3470		0.015					19		< 0.01			8		4	
308051 Dup					0.01	< 1	0.33	3430		0.015					16		< 0.01			8		3	
308061 Orig					1.50	17	0.49	1310		0.143					41		0.23			284		10	
308061 Dup					1.43	16	0.46	1260		0.137					39		0.21			274		9	
308226 Orig					0.17	9	0.38	1310		0.406					37		0.02			146		16	
308226 Dup					0.18	10	0.40	1320		0.396					37		0.02			146		16	

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
308229 Orig					1.64	15	0.65	3650		0.048					158		0.29			98		15	
308229 Dup					1.51	15	0.61	3510		0.048					148		0.29			92		14	
307618 Orig					0.16	23	0.48	12200		0.027					22		0.01			55		15	
307618 Dup					0.16	23	0.49	12300		0.028					22		0.01			55		16	
307621 Orig					0.35	57	0.40	3300		0.029					93		0.26			246		9	
307621 Dup					0.34	57	0.40	3300		0.031					92		0.22			242		9	
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5
Method Blank					< 0.01	< 1	< 0.01			0.002					1		< 0.01			< 2		< 1	

QC

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas								
GXR-1 Cert								
GXR-1 Meas								
GXR-1 Cert								
GXR-1 Meas								
GXR-1 Cert								
GXR-1 Meas								
GXR-1 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
SDC-1 Meas								
SDC-1 Cert								
SDC-1 Meas								
SDC-1 Cert								
SDC-1 Meas								
SDC-1 Cert								
SDC-1 Meas								
SDC-1 Cert								

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-6 Meas								
GXR-6 Cert								
GXR-6 Meas								
GXR-6 Cert								
GXR-6 Meas								
GXR-6 Cert								
GXR-6 Meas								
GXR-6 Cert								
DNC-1a Meas								
DNC-1a Cert								
DNC-1a Meas								
DNC-1a Cert								
DNC-1a Meas								
DNC-1a Cert								
DNC-1a Meas								
DNC-1a Cert								
SBC-1 Meas								
SBC-1 Cert								
SBC-1 Meas								
SBC-1 Cert								
SBC-1 Meas								
SBC-1 Cert								
SBC-1 Meas								
SBC-1 Cert								
OREAS 45d (4-Acid) Meas								
OREAS 45d (4-Acid) Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
DMMAS 118 Meas	32		2.1					
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	33		2.3					
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	27		2.3					
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	25		2.3					

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	28		2.3					
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	27		2.3					
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	33		2.0					
DMMAS 118 Cert	30		2.2					
307326 Orig								
307326 Dup								
307327 Orig								
307327 Dup								
307466 Orig								
307466 Dup								
307468 Orig								
307468 Dup								
307759 Orig								
307759 Dup								
307769 Orig								
307769 Dup								
307787 Orig								
307787 Dup								
307161 Orig								
307161 Dup								
307164 Orig								
307164 Dup								
307182 Orig								
307182 Dup								
307912 Orig								
307912 Dup								
307925 Orig								
307925 Dup								
308051 Orig								
308051 Dup								
308061 Orig								
308061 Dup								
308226 Orig								
308226 Dup								
308229 Orig								
308229 Dup								
307618 Orig								
307618 Dup								
307621 Orig								
307621 Dup								
Method Blank	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	20.1
Method Blank								
Method Blank								
Method Blank								
Method Blank								

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	10.0
Method Blank								

Quality Analysis ... *Innovative Technologies*

Date Submitted: 28-Aug-15
Invoice No.: A15-07092
Invoice Date: 28-Oct-15
Your Reference: KAN

Exploration Osisko Baie-James
300 Rue St-Paul
Suite 200
Quebec QC G1K 7R1
Canada

ATTN: Pascal Simard (Inv)

CERTIFICATE OF ANALYSIS

258 Soil samples were submitted for analysis.

The following analytical package was requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A15-07092**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
308801	31	0.6	84	0.7	9	51	48	282	0.05	5.96	88.0	580	1	< 2	12.4	0.78	20	114	< 1	0.9	13.0	7	< 1
308802	25	0.7	91	0.5	3	28	61	251	0.03	6.45	41.1	690	1	< 2	13.1	1.14	28	91	< 1	0.2	8.33	6	< 1
308803	281	< 0.3	18	1.3	< 1	14	16	24	0.03	0.83	23.0	< 50	1	< 2	7.9	0.09	14	26	9	1.2	33.0	< 1	< 1
308804	< 2	0.6	92	0.6	6	45	81	445	0.02	7.26	49.3	280	1	< 2	< 0.5	0.86	31	91	< 1	0.4	9.04	6	< 1
308805	48	2.5	68	1.0	6	39	37	332	0.07	5.76	86.7	< 50	2	< 2	17.9	0.48	21	94	3	0.6	13.2	6	< 1
308806	754	0.4	15	1.4	1	17	16	58	0.05	0.49	9.2	< 50	< 1	3	22.3	0.63	13	20	< 1	0.9	33.3	< 1	< 1
308807	< 2	< 0.3	5	0.6	< 1	10	6	11	0.02	0.17	2.9	< 50	1	2	5.6	0.22	5	8	< 1	0.8	18.4	< 1	< 1
308808	< 2	0.6	186	0.7	14	22	81	187	0.03	5.03	47.6	< 50	1	< 2	10.3	0.56	35	121	< 1	0.4	16.6	4	< 1
308809	28	0.6	98	0.6	6	36	53	245	0.05	5.52	72.5	< 50	< 1	< 2	8.1	0.64	23	95	4	< 0.2	11.3	6	< 1
308810	< 2	0.5	124	1.3	7	23	78	462	0.07	6.19	36.6	530	1	< 2	8.6	0.82	21	72	< 1	0.8	7.80	6	< 1
308811	< 2	0.4	77	0.7	2	16	68	164	0.04	5.90	114	< 50	< 1	< 2	5.7	0.59	46	147	< 1	< 0.2	14.3	4	< 1
308812	958	< 0.3	16	1.1	< 1	12	10	18	0.03	0.22	< 0.5	< 50	3	< 2	12.1	1.31	16	22	< 1	0.5	35.8	< 1	< 1
308813	159	0.4	16	1.1	< 1	18	19	32	0.04	0.96	15.2	< 50	1	3	18.4	1.63	12	46	3	1.0	39.1	< 1	< 1
308814	< 2	0.6	77	0.9	10	81	55	690	0.06	6.04	75.2	340	1	< 2	20.8	0.80	14	81	< 1	0.4	14.5	5	< 1
308815	< 2	< 0.3	29	0.4	4	53	27	228	0.03	6.42	28.2	530	1	< 2	8.4	0.99	10	103	< 1	0.4	7.81	7	< 1
308816	126	1.1	213	4.1	6	47	91	668	0.09	3.95	57.7	< 50	1	< 2	33.6	1.04	33	72	< 1	0.9	22.6	3	< 1
308817	29	0.4	41	< 0.3	4	19	46	252	0.02	7.19	25.1	340	2	< 2	17.9	1.13	15	91	< 1	0.8	6.97	6	< 1
308818	< 2	< 0.3	6	1.9	1	12	13	16	0.03	0.60	7.6	< 50	1	< 2	16.9	1.64	8	47	< 1	1.0	24.1	< 1	< 1
308819	102	< 0.3	11	0.4	< 1	10	11	32	0.07	1.45	32.6	< 50	2	< 2	47.7	1.16	11	43	< 1	0.5	20.7	2	< 1
308820	< 2	1.0	52	0.4	4	21	25	90	0.10	5.72	29.4	540	1	< 2	7.3	0.93	11	81	< 1	0.3	10.1	8	< 1
308821	< 2	0.5	37	0.4	8	79	26	89	0.03	5.41	66.2	440	1	< 2	< 0.5	0.62	7	88	< 1	0.2	10.3	5	< 1
308822	228	< 0.3	11	0.4	< 1	13	18	35	0.03	3.90	15.8	470	2	4	23.5	0.84	9	53	3	1.0	15.1	4	< 1
308823	1380	< 0.3	22	1.7	< 1	24	12	45	0.06	0.36	19.2	< 50	1	5	18.6	0.69	16	32	< 1	1.8	41.0	< 1	< 1
308824	< 2	1.0	67	0.6	9	48	66	195	0.03	6.71	58.3	440	1	< 2	12.3	0.97	10	117	3	0.3	11.2	5	< 1
308825	< 2	1.0	63	0.3	5	28	28	109	0.04	6.26	40.9	430	1	< 2	8.3	0.83	9	78	< 1	0.3	10.9	6	< 1
308826	7890	0.6	47	1.3	< 1	20	15	39	0.05	0.36	24.9	< 50	2	3	7.8	0.14	25	26	< 1	1.6	43.8	< 1	< 1
308827	952	235	188	1.7	6	> 5000	25	1310	3.04	2.61	4960	< 50	< 1	11	14.4	0.34	8	56	< 1	< 0.2	22.6	2	21
308828	< 2	3.1	69	0.5	4	359	23	229	0.07	6.54	63.0	540	1	< 2	18.6	0.91	6	68	1	0.6	9.98	8	< 1
308829	< 2	0.7	69	0.5	8	69	32	117	0.04	6.57	28.2	460	1	< 2	8.7	0.90	9	75	< 1	0.2	10.4	6	< 1
308830	66	0.4	13	1.0	< 1	34	17	37	0.07	1.15	17.2	< 50	1	< 2	28.9	1.16	9	33	< 1	0.8	26.0	1	< 1
308831	< 2	0.6	15	< 0.3	1	29	21	65	0.02	6.92	12.5	570	1	< 2	14.0	1.01	9	75	< 1	0.9	5.70	8	< 1
308832	35	0.5	15	1.2	< 1	58	14	27	0.04	0.39	11.8	< 50	1	3	22.8	0.52	16	32	< 1	0.6	36.9	< 1	< 1
308833	< 2	< 0.3	9	1.1	< 1	34	9	27	0.04	0.22	7.8	< 50	< 1	< 2	10.6	0.37	8	21	< 1	0.9	35.6	< 1	< 1
308834	22	0.6	41	0.6	< 1	48	15	25	0.04	0.35	9.6	< 50	< 1	< 2	8.6	0.61	33	9	< 1	0.6	28.7	< 1	< 1
308835	22	2.5	60	< 0.3	14	45	24	169	0.08	5.70	92.5	320	1	< 2	8.7	0.66	7	82	< 1	0.4	13.8	7	< 1
308836	331	< 0.3	13	1.2	< 1	20	13	83	0.03	1.40	23.5	< 50	< 1	< 2	20.0	0.84	12	30	< 1	0.7	30.9	2	< 1
308837	47	0.7	98	2.6	4	45	39	238	0.06	0.85	21.5	< 50	< 1	< 2	28.0	0.69	10	35	< 1	0.9	33.7	< 1	< 1
308838	< 2	< 0.3	48	1.3	< 1	18	25	91	0.05	1.49	552	< 50	< 1	2	21.8	0.71	17	49	< 1	1.0	29.5	< 1	< 1
308839	< 2	0.8	106	0.7	7	28	68	212	0.04	6.18	41.2	510	1	< 2	9.0	0.99	17	73	< 1	0.8	7.69	6	< 1
308840	< 2	< 0.3	26	0.4	2	15	33	118	0.05	5.67	18.5	600	2	< 2	12.6	1.61	15	65	5	0.5	8.18	7	< 1
308841	< 2	< 0.3	28	0.4	2	15	33	82	0.02	5.15	21.7	450	2	< 2	6.1	1.31	15	50	< 1	1.0	8.12	6	< 1
308842	< 2	4.8	21	0.7	< 1	11	19	50	0.05	1.73	12.0	< 50	2	2	20.7	0.76	14	63	< 1	0.7	19.9	2	< 1
308843	< 2	< 0.3	15	0.4	2	7	11	13	0.02	0.19	6.2	< 50	< 1	< 2	12.5	0.29	3	13	< 1	0.6	13.5	< 1	< 1
308844	< 2	< 0.3	7	< 0.3	3	8	10	20	0.03	0.17	6.5	< 50	< 1	< 2	3.2	0.37	3	2	< 1	< 0.2	4.59	< 1	< 1
308845	< 2	< 0.3	7	0.6	1	7	13	21	0.04	0.49	12.5	< 50	1	2	14.8	0.96	6	19	< 1	0.3	14.3	< 1	< 1
308846	< 2	< 0.3	17	< 0.3	2	7	19	24	0.03	0.87	16.3	< 50	< 1	2	7.9	0.30	7	46	< 1	1.1	12.8	< 1	< 1
308847	< 2	< 0.3	6	0.5	< 1	8	16	14	0.03	0.82	11.3	< 50	< 1	4	12.8	0.46	6	18	< 1	0.5	15.1	1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
308848	< 2	< 0.3	19	1.2	< 1	14	24	20	0.05	1.51	16.6	< 50	2	3	25.8	0.99	18	51	< 1	0.8	31.3	< 1	< 1
308849	< 2	< 0.3	5	0.3	1	6	15	8	0.03	0.19	12.2	< 50	< 1	< 2	11.6	0.63	6	20	< 1	0.6	11.3	< 1	< 1
308850	< 2	< 0.3	11	0.4	< 1	12	18	21	0.05	0.25	10.1	< 50	2	5	23.6	1.37	8	13	< 1	0.3	18.2	< 1	< 1
308651	< 2	< 0.3	172	1.0	11	30	122	298	0.07	6.47	109	< 50	1	< 2	7.5	0.82	55	104	< 1	0.9	15.2	3	< 1
308652	32	< 0.3	30	0.9	< 1	15	11	31	0.04	0.34	10.7	< 50	1	< 2	15.6	0.49	13	17	< 1	0.5	31.6	< 1	< 1
308653	< 2	0.6	69	0.8	4	30	28	89	0.03	4.94	33.0	320	1	< 2	13.2	0.93	8	71	< 1	0.4	12.0	4	< 1
308654	12	0.6	13	0.4	< 1	11	34	184	0.02	6.51	8.7	460	2	< 2	11.2	1.44	17	74	< 1	1.0	6.76	9	< 1
308655	< 2	< 0.3	44	< 0.3	1	19	42	142	< 0.01	7.20	9.9	400	2	< 2	< 0.5	1.10	18	72	< 1	0.8	4.64	6	< 1
308656	243	< 0.3	20	1.4	< 1	23	26	125	0.07	1.69	8.9	< 50	2	< 2	42.8	0.94	10	28	< 1	1.9	34.4	2	< 1
308657	66	7.9	64	2.4	4	4170	17	933	0.06	1.12	177	< 50	1	< 2	20.1	0.27	10	30	< 1	0.6	28.4	2	2
308658	12	< 0.3	9	1.0	< 1	26	9	28	0.04	0.62	7.8	< 50	1	2	22.5	3.96	5	20	< 1	1.0	31.0	< 1	< 1
308659	124	< 0.3	33	0.8	< 1	22	17	32	0.09	0.14	6.3	< 50	3	2	21.3	0.46	40	12	< 1	0.4	30.7	< 1	< 1
308660	< 2	1.3	55	< 0.3	3	33	17	48	0.04	5.37	32.3	380	< 1	< 2	7.8	0.71	6	64	4	0.6	10.8	7	< 1
308661	< 2	1.0	46	< 0.3	2	17	32	68	0.02	7.09	7.2	550	1	< 2	< 0.5	1.05	16	73	< 1	0.8	4.63	7	< 1
308662	< 2	1.7	87	0.6	8	22	20	179	0.06	4.20	48.0	310	< 1	< 2	17.2	1.15	8	54	< 1	0.2	20.0	4	< 1
308663	31	< 0.3	17	0.5	1	11	10	29	0.04	1.15	15.8	< 50	< 1	< 2	8.9	0.23	9	16	< 1	0.2	14.2	1	< 1
308664	27	0.6	480	1.2	2	21	523	391	0.04	6.47	188	< 50	1	< 2	34.5	1.00	116	114	< 1	2.2	14.1	4	< 1
308665	4000	0.6	37	1.3	1	26	21	31	0.08	1.13	8.6	< 50	2	< 2	37.6	0.86	20	31	< 1	1.4	28.4	1	< 1
308666	< 2	0.6	68	< 0.3	1	28	39	101	0.04	6.71	24.3	210	1	< 2	12.8	0.84	13	60	< 1	0.8	7.38	5	1
308667	< 2	0.4	180	0.6	3	12	135	169	0.05	6.69	11.4	< 50	< 1	< 2	12.6	0.26	96	149	< 1	1.1	18.4	3	< 1
308668	21	0.7	24	0.5	4	19	20	131	0.02	5.46	28.5	430	< 1	< 2	< 0.5	0.81	7	75	5	0.6	8.87	9	< 1
308669	245	< 0.3	41	1.3	< 1	22	13	62	0.05	1.06	36.1	< 50	2	2	20.9	0.34	13	74	< 1	0.9	33.2	< 1	< 1
308670	477	< 0.3	10	0.8	1	18	10	22	0.05	0.87	3.5	< 50	1	< 2	24.5	0.75	9	35	< 1	0.7	29.5	< 1	< 1
308671	< 2	0.4	55	0.3	2	19	25	88	0.03	6.34	16.8	590	1	< 2	2.2	0.85	11	92	< 1	0.6	9.22	6	< 1
308672	40	0.9	95	0.4	9	50	47	136	0.04	5.78	57.0	400	1	< 2	1.5	0.54	9	351	< 1	0.5	13.8	6	< 1
308673	663	0.3	42	1.1	< 1	16	14	20	0.04	0.46	< 0.5	< 50	< 1	< 2	12.4	0.17	11	14	< 1	0.2	29.1	< 1	< 1
308674	170	< 0.3	11	0.6	< 1	15	13	26	0.05	0.59	12.7	< 50	1	< 2	16.5	0.61	12	29	< 1	0.9	32.3	< 1	< 1
308675	< 2	0.4	228	0.5	1	13	164	146	0.02	6.59	43.3	520	1	< 2	< 0.5	1.06	56	84	< 1	2.0	9.92	5	< 1
308676	12	5.6	58	0.3	15	127	18	65	0.06	6.19	25.8	680	1	< 2	8.2	0.99	5	57	< 1	0.4	8.41	8	< 1
308677	< 2	1.5	44	< 0.3	11	30	23	112	0.04	6.04	38.0	520	1	< 2	6.1	0.74	6	73	< 1	< 0.2	9.39	10	< 1
308678	< 2	1.0	28	0.3	4	22	21	56	0.10	6.87	21.8	710	1	< 2	1.9	0.99	7	86	< 1	0.5	7.67	9	< 1
308679	47	< 0.3	77	1.2	< 1	17	28	107	0.03	1.72	2.8	< 50	< 1	2	11.3	0.36	16	29	< 1	2.1	33.9	< 1	< 1
308680	31	0.9	153	0.9	6	62	14	35	0.12	3.51	5.9	< 50	< 1	< 2	9.1	0.43	3	79	< 1	< 0.2	24.6	8	< 1
308681	28	< 0.3	11	< 0.3	1	21	17	44	0.03	4.52	12.8	290	1	< 2	12.5	0.99	12	63	4	0.5	15.5	6	< 1
308682	< 2	0.5	32	< 0.3	2	28	23	57	0.03	6.76	17.1	760	1	< 2	4.4	1.12	12	63	2	0.7	4.99	8	< 1
308683	18	0.9	46	0.5	12	32	25	101	0.04	6.24	35.4	470	1	< 2	9.6	1.08	8	71	3	0.4	8.73	6	< 1
308684	< 2	0.8	49	< 0.3	3	17	29	68	0.02	7.40	7.6	640	1	< 2	6.7	1.22	12	74	2	0.9	4.08	7	< 1
308685	< 2	0.5	41	< 0.3	2	15	44	78	0.03	7.41	48.3	480	1	3	< 0.5	0.35	20	141	2	< 0.2	8.83	6	< 1
308686	< 2	1.4	265	< 0.3	5	332	39	90	0.04	8.67	< 0.5	610	1	< 2	< 0.5	0.27	8	102	< 1	4.4	4.51	8	< 1
308687	< 2	0.6	84	< 0.3	5	30	71	208	0.03	7.65	25.4	530	2	< 2	7.0	0.48	23	70	9	1.0	8.29	7	< 1
308688	< 2	< 0.3	116	0.3	< 1	11	121	101	0.03	6.66	33.7	< 50	< 1	< 2	9.3	0.44	76	186	< 1	0.6	12.6	2	< 1
308689	< 2	< 0.3	81	0.4	< 1	11	73	89	0.02	6.76	75.8	< 50	< 1	< 2	6.8	0.44	46	202	< 1	0.4	13.1	2	< 1
308690	46	< 0.3	123	1.2	< 1	20	23	74	0.03	1.03	30.9	< 50	1	< 2	14.8	0.46	14	42	3	1.6	27.5	< 1	< 1
308691	294	0.3	50	1.0	< 1	19	14	46	0.05	0.55	10.5	< 50	< 1	< 2	15.0	0.66	10	19	< 1	0.7	29.6	< 1	< 1
308692	29	< 0.3	18	0.8	< 1	14	15	35	0.05	1.38	8.4	< 50	1	3	16.0	0.81	9	32	< 1	0.5	28.7	2	< 1
308693	51	< 0.3	25	0.9	< 1	14	12	28	0.04	0.32	8.1	< 50	1	2	9.4	0.31	15	22	< 1	0.7	30.7	< 1	< 1
308694	28	0.7	230	3.6	< 1	12	79	342	0.11	3.16	22.2	< 50	1	< 2	18.7	0.63	45	43	12	1.4	24.1	4	< 1
308695	< 2	< 0.3	165	0.4	< 1	11	125	106	0.03	7.38	31.1	< 50	< 1	< 2	8.6	1.31	65	188	< 1	0.2	10.1	4	< 1
308696	< 2	< 0.3	154	0.8	< 1	13	81	88	0.13	4.84	46.1	< 50	< 1	< 2	20.2	2.38	62	155	5	0.6	10.3	4	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
308697	< 2	0.4	59	0.3	4	13	25	80	0.04	5.52	154	520	< 1	< 2	11.8	0.96	20	85	9	1.0	11.5	7	< 1
308698	< 2	0.5	173	0.4	6	17	29	87	0.03	6.21	3.9	250	1	< 2	2.0	0.15	14	98	15	0.3	11.4	4	< 1
308699	< 2	0.5	49	< 0.3	< 1	44	42	82	0.02	8.56	1.3	610	2	< 2	2.3	0.04	13	77	7	0.7	5.47	10	< 1
308700	< 2	0.6	121	1.3	10	27	66	317	0.07	4.56	70.7	< 50	1	< 2	20.4	1.26	26	73	6	0.7	15.6	5	< 1
308091	< 2	< 0.3	19	0.4	< 1	8	17	26	0.06	1.38	11.4	< 50	< 1	< 2	20.2	1.20	16	32	< 1	0.6	20.8	2	< 1
308092	< 2	< 0.3	176	0.5	< 1	4	100	65	0.04	6.73	50.0	740	< 1	3	17.2	0.67	67	169	5	1.6	12.6	1	< 1
308093	9	< 0.3	20	0.8	< 1	14	24	19	0.06	1.34	2.6	< 50	2	< 2	21.8	0.97	19	34	< 1	1.0	25.9	1	< 1
308094	2720	1.2	64	1.3	2	17	13	44	0.04	0.18	< 0.5	< 50	< 1	3	9.2	0.37	17	11	< 1	0.7	31.3	< 1	< 1
308095	< 2	< 0.3	14	1.8	< 1	16	11	58	0.07	0.80	1.7	< 50	1	< 2	18.7	0.94	3	20	< 1	0.6	23.4	2	< 1
308096	< 2	< 0.3	180	1.6	< 1	14	50	87	0.04	2.92	1.6	120	< 1	< 2	12.1	1.38	49	55	< 1	1.1	25.5	1	< 1
308097	11	0.6	38	< 0.3	3	11	41	106	0.02	6.97	33.0	690	1	< 2	6.3	1.34	19	70	< 1	1.3	5.22	8	< 1
308098	< 2	< 0.3	7	0.6	< 1	13	13	33	0.04	2.98	6.1	160	1	< 2	15.8	0.96	10	35	< 1	1.0	20.9	4	< 1
308099	207	0.4	34	1.1	< 1	23	25	75	0.04	1.04	< 0.5	< 50	< 1	3	8.8	1.47	21	39	< 1	0.7	32.1	1	< 1
308100	8	< 0.3	17	1.0	2	20	21	40	0.07	0.78	2.0	< 50	2	< 2	24.2	0.88	14	47	< 1	1.1	28.1	< 1	< 1
308230	< 2	< 0.3	54	0.6	< 1	9	31	30	0.06	2.12	4.9	< 50	< 1	< 2	15.3	3.85	23	69	< 1	0.8	19.6	1	< 1
308231	19	< 0.3	79	1.0	< 1	11	32	34	0.09	1.68	5.7	< 50	1	< 2	26.9	3.39	27	43	< 1	0.6	19.9	1	< 1
308232	23	< 0.3	13	1.0	< 1	12	15	25	0.04	0.49	7.1	< 50	< 1	< 2	13.8	6.96	10	24	< 1	0.5	19.7	< 1	< 1
308233	100	< 0.3	9	1.0	< 1	14	13	17	0.06	0.38	3.5	< 50	2	2	17.2	0.69	7	27	< 1	0.8	24.2	< 1	< 1
308234	51	< 0.3	20	1.3	< 1	17	12	66	0.06	0.67	2.2	< 50	< 1	3	23.0	1.11	10	25	< 1	0.7	25.6	< 1	< 1
308235	59	< 0.3	16	0.9	2	20	13	27	0.03	1.30	4.9	< 50	1	3	12.5	0.59	12	40	< 1	1.0	33.6	2	1
308236	32	0.3	23	1.0	2	20	13	28	0.06	1.11	5.5	< 50	< 1	< 2	13.1	0.50	10	33	< 1	0.5	31.4	< 1	< 1
308237	169	< 0.3	10	0.7	< 1	11	8	22	0.05	0.18	4.5	< 50	< 1	< 2	8.6	3.55	7	9	< 1	0.4	19.8	< 1	< 1
308238	9	< 0.3	26	0.9	< 1	13	27	23	0.05	1.65	10.2	< 50	2	< 2	13.9	1.22	17	44	< 1	0.6	21.0	< 1	< 1
308239	< 2	< 0.3	79	1.3	< 1	6	33	23	0.05	1.95	15.0	< 50	< 1	3	12.4	7.95	21	49	7	0.6	15.2	1	< 1
308240	< 2	< 0.3	149	0.5	< 1	8	82	63	0.05	3.95	282	< 50	1	3	21.5	1.14	70	90	3	1.4	18.6	3	< 1
308241	31	< 0.3	12	0.8	1	16	16	22	0.05	0.79	2.8	< 50	2	2	18.1	1.05	8	31	< 1	0.7	30.7	< 1	< 1
308242	< 2	< 0.3	15	1.9	2	14	15	26	0.05	1.58	4.9	< 50	2	< 2	12.9	0.85	10	34	< 1	0.8	20.2	2	< 1
308243	146	0.4	55	1.7	3	22	25	77	0.05	0.81	< 0.5	< 50	< 1	2	12.6	1.04	14	24	< 1	0.8	36.3	< 1	< 1
308244	37	< 0.3	13	1.0	2	18	19	28	0.07	2.03	3.2	< 50	1	2	19.9	1.81	11	54	< 1	0.9	33.6	3	< 1
308245	12	0.5	20	0.8	1	11	13	25	0.09	1.06	3.4	< 50	1	< 2	21.8	1.28	9	21	< 1	0.8	25.6	3	< 1
308246	37	0.4	17	1.1	1	27	15	11	0.04	0.18	9.2	< 50	1	3	14.6	0.58	10	19	< 1	0.9	33.5	< 1	< 1
308247	< 2	0.3	78	1.4	< 1	26	16	84	0.06	1.11	4.8	< 50	< 1	3	23.8	0.85	12	31	< 1	1.0	36.5	2	< 1
308248	< 2	< 0.3	87	1.2	2	22	33	14	0.03	0.48	46.2	< 50	2	2	9.0	5.67	33	30	< 1	0.8	35.1	< 1	< 1
308249	228	< 0.3	15	1.4	< 1	13	16	55	0.05	0.70	2.9	< 50	< 1	2	10.3	4.58	9	34	< 1	0.5	25.7	< 1	< 1
308250	< 2	< 0.3	29	0.7	< 1	8	17	22	0.11	1.24	15.6	< 50	< 1	3	27.7	11.2	14	35	< 1	0.4	14.9	1	< 1
308951	16	0.8	112	0.4	8	25	83	178	0.05	6.31	57.3	370	< 1	< 2	9.4	0.94	28	90	4	0.6	12.1	6	< 1
308952	22	0.8	135	1.1	13	34	47	165	0.05	6.14	91.5	180	1	< 2	9.4	0.65	45	90	< 1	1.1	14.5	6	< 1
308953	< 2	< 0.3	20	2.9	1	13	89	380	0.06	2.95	8.5	< 50	2	2	26.5	0.90	30	57	< 1	1.3	22.1	3	< 1
308954	59	2.3	88	1.0	308	175	40	415	0.15	4.56	827	< 50	2	< 2	9.4	0.17	6	81	6	0.8	20.2	5	< 1
308955	29	2.4	58	0.4	14	55	25	84	0.04	5.51	54.1	510	1	< 2	3.5	0.87	5	83	< 1	0.3	9.14	8	< 1
308956	25	0.6	52	< 0.3	14	26	23	132	0.04	5.91	48.2	320	1	< 2	10.2	0.85	7	75	< 1	< 0.2	9.58	6	< 1
308957	449	< 0.3	38	1.2	2	15	21	99	0.09	1.02	30.5	< 50	1	2	36.2	1.11	14	44	< 1	0.7	24.7	< 1	< 1
308958	13	0.4	47	2.1	6	31	35	112	0.06	2.37	22.7	< 50	1	< 2	19.9	1.58	14	57	< 1	0.7	24.3	2	< 1
308959	< 2	0.4	74	0.8	5	21	42	151	0.06	4.28	45.0	< 50	1	< 2	11.0	0.77	25	96	10	0.5	20.2	3	< 1
308960	62	< 0.3	31	0.6	1	12	29	64	0.06	1.55	24.9	< 50	2	< 2	12.4	1.79	18	38	< 1	0.9	17.7	1	< 1
308961	70	0.3	48	1.0	1	15	26	84	0.07	1.22	94.4	< 50	< 1	< 2	12.3	5.70	21	48	< 1	0.8	21.0	< 1	< 1
308962	148	1.0	59	0.9	15	35	29	122	0.03	4.02	70.5	< 50	1	< 2	15.7	0.80	8	54	< 1	0.3	18.5	5	< 1
308963	89	1.1	58	0.8	12	32	34	91	0.04	4.12	70.2	210	1	< 2	27.0	0.83	14	48	< 1	< 0.2	17.3	5	< 1
308964	< 2	0.8	76	0.5	13	25	40	164	0.03	5.90	46.7	560	1	< 2	4.1	0.67	10	73	< 1	0.4	10.9	6	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
308965	< 2	0.8	207	1.1	1	19	20	41	0.06	0.19	21.5	< 50	< 1	3	14.4	1.35	19	17	< 1	0.2	35.3	< 1	< 1
308966	< 2	0.8	68	0.6	9	24	35	148	0.06	5.02	51.5	180	1	< 2	12.1	0.49	16	84	< 1	0.2	15.3	4	< 1
308967	< 2	< 0.3	24	1.1	< 1	15	11	50	0.14	0.80	15.7	< 50	< 1	< 2	26.6	3.92	10	39	4	1.2	24.0	< 1	< 1
308968	< 2	0.7	102	1.3	4	22	44	60	0.08	0.53	16.1	< 50	< 1	< 2	13.0	1.43	17	21	< 1	0.9	31.5	< 1	< 1
308969	< 2	< 0.3	6	0.3	2	14	13	18	0.01	4.12	7.0	370	< 1	< 2	2.7	0.66	5	43	< 1	0.4	9.09	6	< 1
307927	< 2	< 0.3	162	0.4	2	5	121	87	0.04	7.42	< 0.5	< 50	< 1	< 2	9.6	1.55	64	231	10	< 0.2	11.8	1	< 1
307928	< 2	< 0.3	104	1.0	2	9	38	20	0.08	0.91	19.3	< 50	2	3	48.7	1.00	27	45	< 1	1.2	35.6	< 1	< 1
307929	< 2	< 0.3	21	0.9	< 1	13	15	17	0.05	0.71	5.9	< 50	1	< 2	21.0	0.83	11	36	< 1	0.4	25.4	< 1	< 1
307930	< 2	< 0.3	37	1.2	4	20	21	86	0.05	2.46	6.8	< 50	< 1	< 2	22.3	1.01	10	45	< 1	1.2	31.6	3	< 1
307931	< 2	0.4	24	0.4	1	16	31	48	0.03	6.06	12.1	430	2	< 2	18.7	1.43	16	70	< 1	1.1	9.94	5	< 1
307932	< 2	0.5	33	< 0.3	< 1	17	28	60	0.05	5.50	11.2	760	1	< 2	15.0	1.67	14	50	< 1	0.8	10.7	6	< 1
307933	29	0.5	21	1.0	6	70	30	202	0.06	1.16	78.9	< 50	1	< 2	14.5	0.39	12	29	< 1	0.7	28.6	< 1	< 1
307934	< 2	9.4	17	0.6	2	17	21	17	0.02	0.41	3.1	< 50	2	< 2	8.1	0.16	16	13	< 1	0.7	35.0	< 1	< 1
307935	16	0.8	161	1.7	3	25	17	77	0.06	0.50	4.8	< 50	< 1	2	15.0	10.4	9	13	< 1	0.8	31.5	< 1	< 1
307936	< 2	0.3	19	0.4	< 1	15	13	17	0.05	0.61	4.8	< 50	< 1	3	14.9	0.40	7	25	< 1	0.7	16.1	< 1	< 1
307937	< 2	< 0.3	22	0.9	< 1	13	13	23	0.08	0.66	8.4	< 50	1	< 2	34.7	1.24	9	43	< 1	0.4	22.4	< 1	< 1
307938	< 2	< 0.3	36	0.5	< 1	10	22	21	0.04	1.11	11.4	< 50	1	< 2	21.3	2.33	18	38	< 1	0.8	21.9	1	< 1
307939	< 2	< 0.3	45	0.5	< 1	6	32	30	0.04	2.09	12.3	< 50	1	4	12.1	6.51	26	64	< 1	0.6	22.0	< 1	< 1
307940	< 2	< 0.3	35	0.5	< 1	12	25	23	0.10	1.10	15.0	< 50	1	< 2	25.7	8.14	16	24	< 1	0.3	19.3	< 1	< 1
307941	< 2	< 0.3	39	0.6	< 1	14	27	37	0.04	3.49	3.4	< 50	2	< 2	24.3	1.02	13	55	< 1	0.7	19.6	3	< 1
307942	20	0.5	63	2.7	2	32	24	116	0.03	0.27	3.9	< 50	< 1	5	18.7	0.55	9	20	< 1	1.4	40.5	< 1	< 1
307943	411	< 0.3	23	1.2	< 1	20	13	34	0.09	1.02	5.5	< 50	< 1	< 2	37.1	1.06	11	23	< 1	0.9	29.4	< 1	< 1
307944	< 2	< 0.3	9	0.9	1	12	12	21	0.04	0.89	< 0.5	< 50	1	< 2	38.4	0.66	10	25	< 1	0.5	30.7	< 1	< 1
307945	< 2	< 0.3	16	0.6	2	9	17	28	0.11	2.31	5.9	270	< 1	3	40.5	4.40	12	42	< 1	0.7	19.0	3	< 1
307946	< 2	0.5	163	0.5	2	15	93	55	0.05	4.69	23.7	730	1	< 2	13.9	1.39	39	231	< 1	2.2	12.1	6	< 1
307947	< 2	0.4	24	0.9	< 1	14	10	25	0.05	0.68	< 0.5	< 50	< 1	2	20.8	0.71	7	11	< 1	0.6	26.4	1	< 1
307948	< 2	0.5	27	< 0.3	1	15	37	44	0.04	5.80	8.4	360	2	< 2	32.6	1.37	17	167	< 1	0.8	11.6	6	< 1
307949	57	< 0.3	26	0.4	1	13	13	39	0.07	1.38	4.8	< 50	< 1	< 2	27.5	0.96	9	35	< 1	0.4	18.8	2	< 1
307950	< 2	< 0.3	15	1.0	1	16	21	42	0.05	1.02	6.4	< 50	1	< 2	23.1	0.70	11	33	< 1	0.7	27.9	< 1	< 1
307642	< 2	< 0.3	55	0.4	< 1	59	35	51	0.07	1.80	19.0	< 50	2	< 2	32.4	1.09	20	78	< 1	0.9	19.3	< 1	< 1
307643	13	0.7	101	0.9	6	53	66	388	0.04	6.86	68.2	610	1	< 2	2.5	0.99	19	88	< 1	0.9	10.1	5	< 1
307644	< 2	< 0.3	49	0.7	< 1	5	89	163	0.02	7.16	55.3	< 50	< 1	< 2	9.6	0.68	66	105	< 1	0.6	11.6	5	< 1
307645	41	< 0.3	6	0.6	< 1	11	11	31	0.02	1.55	31.5	< 50	2	< 2	< 0.5	0.28	8	48	6	1.1	23.7	4	< 1
307646	< 2	0.3	81	0.8	6	19	10	30	0.10	2.29	15.6	310	< 1	< 2	6.2	0.30	3	73	< 1	0.2	24.5	5	< 1
307647	< 2	< 0.3	8	1.3	1	19	12	70	0.04	0.99	2.4	< 50	2	< 2	< 0.5	0.15	9	22	< 1	1.2	31.7	< 1	< 1
307648	< 2	0.9	197	3.4	8	44	206	997	0.04	7.06	35.2	290	2	< 2	6.2	0.79	36	99	< 1	1.6	13.6	5	< 1
307649	< 2	0.6	101	0.8	7	23	94	286	0.02	6.74	33.9	540	1	< 2	4.7	0.94	16	69	< 1	0.7	8.94	4	< 1
307650	< 2	0.4	93	0.5	4	19	75	274	0.02	7.13	25.7	550	1	< 2	4.2	1.08	28	90	< 1	1.0	7.66	6	< 1
309101	< 2	< 0.3	24	0.7	< 1	11	28	25	0.06	1.74	13.6	< 50	3	< 2	38.3	0.56	16	78	< 1	0.9	22.1	1	< 1
309102	< 2	< 0.3	9	0.5	1	15	13	35	0.05	0.98	7.5	< 50	1	< 2	17.7	1.00	8	32	< 1	0.6	25.5	< 1	< 1
309103	< 2	< 0.3	25	0.8	< 1	13	32	48	0.08	1.85	21.5	< 50	2	< 2	43.8	1.21	16	55	< 1	0.5	27.2	1	< 1
309104	< 2	< 0.3	6	1.4	< 1	14	11	18	0.05	0.41	5.8	< 50	1	3	9.0	1.19	6	15	< 1	0.7	23.7	< 1	< 1
309105	< 2	< 0.3	13	0.6	< 1	12	18	37	0.05	2.53	9.5	< 50	1	< 2	21.2	1.32	8	40	< 1	1.5	15.8	3	< 1
309106	< 2	< 0.3	8	0.7	< 1	14	15	19	0.08	0.25	12.6	< 50	1	< 2	13.4	5.21	6	12	< 1	0.2	25.3	< 1	< 1
309107	< 2	< 0.3	8	0.7	< 1	16	14	19	0.04	0.56	12.6	< 50	1	< 2	18.3	1.59	6	25	< 1	0.6	29.3	< 1	< 1
309108	< 2	< 0.3	11	0.7	< 1	12	18	39	0.03	0.60	12.6	< 50	2	< 2	12.2	0.41	8	27	< 1	1.1	29.0	< 1	< 1
309109	< 2	< 0.3	7	0.3	< 1	24	19	5	0.18	0.11	9.7	< 50	< 1	< 2	2.9	1.88	8	13	< 1	0.4	11.6	< 1	< 1
309110	< 2	< 0.3	7	1.2	< 1	14	9	20	0.04	0.49	8.2	< 50	1	3	20.3	1.27	5	19	< 1	0.8	29.6	< 1	< 1
309111	< 2	< 0.3	6	0.3	1	7	10	30	0.05	0.39	2.8	< 50	< 1	< 2	14.1	0.92	6	9	< 1	1.0	18.9	< 1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
309112	< 2	< 0.3	45	0.5	4	16	23	32	0.04	1.50	23.6	< 50	1	< 2	15.4	0.62	9	17	< 1	0.9	17.4	1	< 1
309113	< 2	< 0.3	8	0.7	1	11	16	29	0.05	0.53	8.7	< 50	2	< 2	15.5	2.25	6	15	< 1	0.9	19.8	< 1	< 1
309114	< 2	< 0.3	6	< 0.3	1	< 3	5	6	0.02	0.25	3.5	< 50	< 1	3	5.8	0.16	3	12	1	0.5	9.46	< 1	< 1
309115	< 2	< 0.3	8	0.6	< 1	12	12	43	0.05	0.65	11.6	< 50	1	< 2	22.2	1.23	8	16	< 1	0.7	21.0	< 1	< 1
309116	< 2	< 0.3	4	< 0.3	< 1	5	8	4	0.02	0.07	9.4	< 50	< 1	< 2	< 0.5	0.03	3	< 2	< 1	0.5	9.69	< 1	< 1
309117	< 2	< 0.3	17	0.4	< 1	6	9	17	0.03	1.88	10.8	< 50	< 1	2	8.2	0.57	4	27	< 1	0.2	8.43	2	< 1
309118	< 2	< 0.3	13	0.5	< 1	13	21	21	0.04	0.36	9.8	< 50	< 1	< 2	10.2	6.69	9	29	< 1	1.4	21.4	< 1	< 1
309119	28	0.4	148	0.8	15	165	10	94	0.44	2.11	8.1	< 50	< 1	2	7.4	0.30	4	35	< 1	< 0.2	33.6	3	1
309120	16	0.4	21	< 0.3	< 1	14	19	57	0.02	6.78	13.2	430	1	< 2	< 0.5	0.81	10	68	3	0.8	4.72	7	< 1
309121	< 2	< 0.3	33	1.0	< 1	11	23	90	0.05	2.31	11.3	< 50	1	< 2	14.9	1.14	9	39	< 1	0.8	13.2	3	< 1
309122	< 2	< 0.3	24	< 0.3	< 1	4	10	5	0.02	0.09	13.9	< 50	< 1	< 2	2.9	0.24	3	10	< 1	0.4	8.80	< 1	< 1
309123	< 2	0.5	24	< 0.3	1	16	15	50	0.02	6.32	8.7	760	1	< 2	4.0	0.87	7	82	< 1	0.6	4.15	9	< 1
309124	< 2	< 0.3	6	< 0.3	< 1	9	18	24	0.03	0.58	9.6	< 50	< 1	3	8.2	1.52	7	33	< 1	< 0.2	13.2	< 1	< 1
309125	< 2	< 0.3	3	< 0.3	< 1	4	19	9	0.02	0.20	23.0	< 50	< 1	< 2	4.3	0.22	10	10	< 1	0.4	11.4	< 1	< 1
309126	< 2	0.5	45	0.6	8	13	20	25	0.24	0.27	4.8	< 50	< 1	< 2	5.1	0.02	3	20	< 1	0.6	28.8	< 1	< 1
309127	< 2	< 0.3	2	< 0.3	< 1	6	5	15	0.02	0.18	1.6	< 50	< 1	< 2	2.6	0.06	3	7	< 1	0.3	8.13	< 1	< 1
309128	< 2	< 0.3	8	0.4	< 1	6	22	6	0.03	0.24	10.3	< 50	< 1	< 2	10.6	4.76	12	70	2	1.4	15.4	< 1	< 1
309129	< 2	< 0.3	10	0.6	< 1	10	13	20	0.03	0.68	10.7	< 50	1	< 2	12.1	2.78	6	18	< 1	< 0.2	23.4	< 1	< 1
309130	< 2	< 0.3	10	0.5	1	12	27	30	0.03	3.74	11.7	< 50	2	< 2	12.3	0.93	13	106	< 1	2.3	17.2	7	< 1
309131	< 2	< 0.3	7	0.8	< 1	12	15	67	0.04	0.57	6.7	< 50	1	< 2	22.4	3.18	8	13	< 1	0.9	22.6	< 1	< 1
FAV2015-001-F	< 2	0.6	6	< 0.3	< 1	10	13	29	< 0.01	6.79	4.7	980	1	< 2	< 0.5	1.68	8	49	< 1	0.7	2.83	10	< 1
FAV2015-002-F	< 2	0.5	17	< 0.3	< 1	14	19	42	< 0.01	6.73	9.8	930	2	< 2	< 0.5	1.48	10	49	< 1	0.9	3.52	7	< 1
FAV2015-003-F	< 2	0.7	6	< 0.3	< 1	10	12	28	< 0.01	6.43	4.0	1090	1	< 2	< 0.5	1.70	8	56	< 1	1.1	2.93	12	< 1
FAV2015-004-F	< 2	0.7	4	< 0.3	< 1	11	12	22	< 0.01	6.14	2.9	860	1	< 2	3.8	1.66	6	54	< 1	1.0	3.02	14	< 1
FAV2015-005-F	< 2	< 0.3	58	< 0.3	< 1	12	35	45	0.02	6.92	< 0.5	730	2	< 2	9.7	1.74	14	108	4	1.1	3.34	8	< 1
FAV2015-006-F	< 2	< 0.3	7	< 0.3	< 1	< 3	315	72	< 0.01	5.65	56.0	< 50	1	< 2	< 0.5	6.77	51	1040	< 1	0.6	6.67	1	< 1
FAV2015-007-F	< 2	< 0.3	43	< 0.3	< 1	18	30	48	< 0.01	7.00	4.4	520	2	< 2	< 0.5	1.96	15	80	2	1.6	3.56	8	< 1
FAV2015-008-F	< 2	< 0.3	55	< 0.3	1	16	38	91	< 0.01	6.95	9.1	770	2	< 2	< 0.5	1.84	16	81	< 1	1.8	4.09	7	< 1
308970	31	1.2	57	0.6	29	32	31	199	0.04	5.58	103	480	1	< 2	5.3	0.68	8	67	< 1	0.3	12.7	7	< 1
308971	29	0.5	108	0.6	14	30	25	151	0.05	3.92	94.9	580	< 1	< 2	4.6	0.51	5	56	< 1	0.9	20.5	6	< 1
308972	21	1.0	66	0.9	21	24	54	135	0.03	5.42	296	510	1	< 2	7.9	0.97	8	129	< 1	0.8	9.87	8	< 1
308973	40	1.7	59	0.5	65	60	16	90	0.08	4.45	148	< 50	< 1	< 2	7.2	0.40	< 1	69	< 1	0.9	18.5	9	< 1
308974	< 2	1.0	60	0.5	6	15	30	159	0.04	6.37	36.7	460	1	< 2	8.0	1.29	16	72	< 1	0.8	6.72	9	< 1
308975	< 2	1.2	155	0.8	10	25	85	71	0.09	3.57	37.5	< 50	1	5	31.7	0.55	13	46	< 1	0.9	15.4	4	< 1
308976	18	8.4	341	1.2	17	82	37	95	0.29	2.16	69.5	< 50	< 1	3	39.3	0.09	5	105	< 1	1.5	31.7	3	< 1
308977	< 2	0.8	80	0.5	8	27	35	158	0.04	5.76	54.3	470	1	< 2	12.0	0.99	15	65	< 1	0.9	10.8	10	< 1
308978	< 2	0.9	62	< 0.3	16	34	24	128	0.04	5.88	73.6	440	1	< 2	7.2	0.84	6	84	< 1	0.7	11.6	8	< 1
308979	< 2	1.3	68	0.5	11	18	21	112	0.03	6.26	26.6	430	1	< 2	10.5	1.12	9	84	< 1	0.8	8.33	10	< 1
308980	< 2	0.8	91	0.5	10	19	38	154	0.08	6.22	45.5	630	1	< 2	3.6	0.89	9	86	< 1	1.4	9.96	6	< 1
308981	28	0.9	78	< 0.3	13	37	21	127	0.13	5.34	56.2	500	1	< 2	4.2	0.65	7	75	< 1	< 0.2	15.1	6	< 1
308982	< 2	0.8	52	0.6	13	29	20	84	0.04	4.07	34.5	< 50	1	< 2	21.2	0.87	16	74	< 1	< 0.2	16.4	9	< 1
308983	24	1.6	77	0.3	22	36	25	153	0.08	5.86	78.5	660	1	< 2	14.1	0.70	6	84	< 1	0.4	12.4	7	< 1
308984	36	4.8	190	1.0	12	158	15	50	0.28	2.11	17.6	< 50	< 1	< 2	38.1	0.18	4	45	< 1	< 0.2	35.0	14	< 1
308985	< 2	< 0.3	19	0.4	< 1	9	8	26	0.18	0.35	< 0.5	< 50	< 1	3	12.8	3.69	10	6	< 1	< 0.2	18.3	< 1	< 1
308986	19	0.8	76	0.8	16	35	23	134	0.12	4.27	44.9	< 50	1	< 2	8.9	0.52	10	72	< 1	1.3	16.8	5	< 1
308987	13	0.7	68	0.4	20	32	20	124	0.08	5.67	67.8	260	1	< 2	4.1	0.68	6	75	3	0.4	13.5	6	< 1
308988	14	1.2	73	0.4	22	34	22	134	0.06	5.64	57.7	410	1	< 2	4.7	0.71	7	77	< 1	< 0.2	13.7	5	< 1
308989	< 2	0.7	227	1.3	7	25	163	207	0.03	9.03	163	1060	2	2	9.8	0.64	84	236	< 1	1.1	10.3	3	< 1
308990	44	0.8	63	< 0.3	16	34	31	147	0.04	6.01	85.4	580	1	< 2	6.7	0.75	9	99	< 1	1.0	12.6	6	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
308501	< 2	0.6	156	0.8	< 1	33	46	76	0.02	7.27	75.6	< 50	< 1	< 2	< 0.5	0.50	24	231	9	0.8	10.5	4	< 1
308502	< 2	< 0.3	46	0.7	1	8	77	126	0.03	6.22	29.0	< 50	3	2	9.0	0.76	56	226	15	1.0	20.6	2	< 1
308503	< 2	0.5	215	0.5	2	10	87	104	0.12	6.10	43.8	< 50	< 1	< 2	28.5	1.60	35	150	11	1.1	11.3	3	< 1
308504	< 2	0.4	143	1.0	5	20	33	109	0.08	3.13	19.3	< 50	< 1	4	30.8	1.40	19	62	9	1.1	15.2	3	< 1
308505	< 2	0.5	210	0.8	6	19	99	155	0.05	5.88	50.4	580	1	< 2	15.4	1.22	58	88	3	1.0	8.75	4	< 1
308506	20	0.9	36	0.4	19	30	20	114	0.05	6.15	67.8	300	1	< 2	5.0	0.72	6	67	< 1	0.6	9.95	5	< 1
308507	15	1.1	360	1.3	< 1	24	67	94	0.08	0.29	1.5	< 50	1	4	12.3	0.91	31	30	< 1	1.4	43.6	< 1	< 1
308508	< 2	1.1	57	0.3	16	45	16	83	0.03	5.16	37.2	470	1	< 2	6.3	0.78	7	74	< 1	0.6	9.44	8	< 1
308509	13	1.6	115	0.5	36	32	16	138	0.12	4.93	94.8	< 50	1	< 2	< 0.5	0.59	< 1	75	< 1	< 0.2	15.2	10	< 1
308510	13	1.0	26	< 0.3	3	16	17	51	0.02	6.21	11.6	640	1	< 2	5.0	1.22	9	62	< 1	1.0	4.84	9	< 1
308511	25	1.1	164	0.5	19	28	21	114	0.06	5.56	52.1	460	1	< 2	5.4	0.73	9	88	< 1	0.8	12.1	6	< 1
308512	43	3.2	88	1.6	16	24	27	209	0.05	5.13	51.0	640	1	< 2	5.9	0.70	9	84	1	0.3	13.3	7	< 1
308513	23	0.6	175	1.1	3	38	114	122	0.57	4.75	< 0.5	< 50	1	< 2	25.1	1.30	62	71	8	4.5	11.9	< 1	< 1

Results

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
308801	< 5	1.17	20	1.05	441	1.48	0.050	< 15	3.2	14.4	< 3	126	< 0.5	0.39	8.9	6.0	153	< 1	11	25.1	54	27	3.0
308802	< 5	1.43	26	1.16	622	1.75	0.048	< 15	2.0	13.6	< 3	179	< 0.5	0.35	10.6	5.0	104	< 1	13	28.2	58	8	3.5
308803	< 5	0.19	1	0.75	7430	0.16	0.060	< 15	< 0.1	2.5	< 3	16	< 0.5	0.05	2.7	2.1	60	< 1	28	23.5	41	9	3.3
308804	< 5	1.28	29	1.21	793	1.58	0.043	< 15	2.3	14.2	< 3	174	< 0.5	0.41	9.4	2.7	136	< 1	13	23.1	71	20	3.4
308805	< 5	0.99	29	0.63	595	0.91	0.085	< 15	1.6	9.1	< 3	100	< 0.5	0.29	11.0	5.1	93	< 1	8	17.8	43	< 5	2.1
308806	< 5	0.08	3	0.63	9420	0.08	0.049	< 15	< 0.1	1.7	< 3	27	< 0.5	0.03	1.7	< 0.5	37	< 1	17	14.9	20	< 5	2.3
308807	< 5	0.04	< 1	0.35	4370	0.02	0.028	< 15	< 0.1	0.5	< 3	6	< 0.5	0.01	< 0.2	< 0.5	20	< 1	12	11.0	23	19	1.5
308808	< 5	1.03	20	0.70	1020	0.83	0.055	< 15	2.0	13.9	< 3	99	< 0.5	0.26	6.2	7.1	146	< 1	9	19.0	40	20	2.6
308809	< 5	1.07	16	0.88	549	1.40	0.071	< 15	1.9	14.5	< 3	131	< 0.5	0.35	8.3	5.4	142	< 1	8	15.9	44	< 5	2.0
308810	< 5	0.96	27	0.73	664	1.70	0.069	< 15	2.3	12.1	< 3	184	< 0.5	0.31	9.9	11.0	82	< 1	14	28.6	80	21	4.4
308811	< 5	0.91	30	1.46	1400	2.33	0.067	< 15	1.7	18.3	< 3	98	< 0.5	0.24	5.0	1.9	160	< 1	6	12.6	36	< 5	2.3
308812	< 5	0.06	1	0.67	8230	0.03	0.035	< 15	0.6	0.4	< 3	29	< 0.5	0.01	< 0.2	< 0.5	21	< 1	13	16.5	28	< 5	2.1
308813	< 5	0.09	9	1.01	11800	0.11	0.044	< 15	< 0.1	2.5	< 3	25	< 0.5	0.04	4.1	< 0.5	79	< 1	25	18.4	30	< 5	2.8
308814	< 5	1.45	17	0.79	545	1.39	0.097	40	3.3	11.9	< 3	133	< 0.5	0.35	7.2	5.1	130	< 1	12	18.9	43	12	2.4
308815	< 5	1.75	21	0.97	460	1.79	0.046	< 15	1.5	10.5	< 3	195	< 0.5	0.35	8.2	2.3	88	< 1	10	22.6	56	18	2.8
308816	< 5	0.78	11	0.60	2880	0.73	0.108	< 15	5.4	8.6	< 3	85	< 0.5	0.13	11.6	8.5	61	< 1	19	27.4	58	14	3.9
308817	< 5	1.62	35	1.02	982	1.72	0.041	< 15	1.2	11.2	< 3	215	< 0.5	0.38	11.3	4.1	100	< 1	18	31.4	70	26	4.0
308818	< 5	0.05	2	0.84	10400	0.07	0.077	< 15	1.3	1.7	< 3	18	< 0.5	0.09	2.4	< 0.5	40	< 1	25	22.8	44	12	2.6
308819	< 5	0.34	4	0.64	7160	0.30	0.107	< 15	0.4	3.2	< 3	46	< 0.5	0.11	4.1	1.2	40	< 1	17	15.7	37	8	2.2
308820	< 5	1.70	14	0.67	335	1.65	0.078	61	1.2	8.1	< 3	193	< 0.5	0.32	11.1	4.3	79	< 1	9	22.9	51	18	2.3
308821	< 5	1.35	14	0.81	265	1.46	0.078	< 15	2.4	10.2	< 3	143	< 0.5	0.40	6.3	1.6	126	< 1	8	17.5	41	9	1.9
308822	< 5	1.01	9	0.69	3200	1.14	0.065	< 15	0.4	6.4	< 3	137	< 0.5	0.20	7.8	< 0.5	57	< 1	20	23.2	46	16	3.4
308823	< 5	0.05	2	0.67	15700	0.06	0.049	< 15	0.7	1.4	< 3	39	< 0.5	0.04	1.1	< 0.5	40	< 1	27	34.4	62	26	4.2
308824	< 5	1.52	18	0.98	498	1.51	0.059	41	3.9	13.0	< 3	171	< 0.5	0.40	5.8	3.0	135	< 1	10	19.9	50	13	2.4
308825	< 5	1.67	16	0.85	344	1.69	0.090	< 15	2.7	12.4	< 3	171	< 0.5	0.37	7.1	< 0.5	120	< 1	8	19.6	40	< 5	2.4
308826	< 5	0.06	2	0.44	14700	0.02	0.041	< 15	0.7	0.6	< 3	26	< 0.5	0.02	< 0.2	< 0.5	35	< 1	24	23.5	33	< 5	3.2
308827	< 5	1.01	7	0.55	282	0.45	0.083	< 15	464	9.4	< 3	44	< 0.5	0.21	5.2	< 0.5	105	< 1	5	11.1	< 3	< 5	1.1
308828	< 5	1.72	13	0.64	260	1.94	0.081	< 15	2.6	8.9	< 3	214	< 0.5	0.30	9.8	3.0	73	< 1	8	23.1	53	< 5	2.6
308829	< 5	1.93	19	0.84	513	1.73	0.054	< 15	4.1	10.7	< 3	179	< 0.5	0.33	10.1	6.3	95	< 1	11	25.9	61	23	3.1
308830	< 5	0.23	4	0.73	8610	0.26	0.092	< 15	0.5	3.4	< 3	47	< 0.5	0.07	2.8	< 0.5	49	< 1	16	17.3	34	18	2.5
308831	< 5	1.56	20	0.79	354	2.05	0.039	< 15	0.4	10.5	< 3	236	< 0.5	0.31	9.8	1.8	66	< 1	11	27.6	61	26	3.5
308832	< 5	0.03	1	0.75	10300	0.06	0.062	< 15	0.6	1.4	< 3	18	< 0.5	0.03	< 0.2	< 0.5	45	< 1	20	20.3	40	14	2.3
308833	< 5	0.03	< 1	0.49	8230	0.04	0.069	< 15	< 0.1	0.9	< 3	10	< 0.5	0.02	< 0.2	< 0.5	22	< 1	27	19.6	28	< 5	2.6
308834	< 5	0.04	2	0.59	8660	0.04	0.031	< 15	0.2	1.1	< 3	9	< 0.5	0.02	< 0.2	< 0.5	31	< 1	12	10.3	15	< 5	1.8
308835	< 5	2.00	14	0.66	302	1.59	0.086	< 15	3.0	11.5	< 3	160	< 0.5	0.31	8.9	3.2	124	< 1	8	25.1	50	12	2.8
308836	< 5	0.41	6	0.69	7800	0.44	0.052	< 15	< 0.1	3.2	< 3	61	< 0.5	0.08	2.2	1.3	34	< 1	15	17.1	44	19	2.4
308837	< 5	0.14	3	0.47	13300	0.19	0.097	< 15	1.3	2.4	< 3	31	< 0.5	0.04	1.2	5.8	46	< 1	20	13.4	26	17	2.2
308838	< 5	0.11	7	0.93	10600	0.12	0.106	< 15	1.3	4.6	< 3	23	< 0.5	0.14	3.3	1.3	86	< 1	20	22.1	49	18	3.4
308839	< 5	2.00	24	0.95	740	1.86	0.057	< 15	1.8	14.0	< 3	215	< 0.5	0.31	7.8	4.2	103	< 1	10	22.8	48	12	3.0
308840	< 5	1.46	23	1.08	2020	1.38	0.090	< 15	1.1	9.4	< 3	165	< 0.5	0.29	9.4	3.1	84	< 1	18	30.9	67	20	4.0
308841	< 5	1.52	16	0.84	2520	1.63	0.067	86	0.7	7.7	< 3	200	< 0.5	0.25	8.4	1.0	71	< 1	17	28.0	72	22	3.9
308842	< 5	0.23	15	0.63	10300	0.15	0.082	< 15	0.4	5.5	< 3	30	< 0.5	0.12	3.4	< 0.5	129	< 1	13	14.8	37	19	2.4
308843	< 5	0.06	1	0.20	2040	0.07	0.029	< 15	0.4	0.6	< 3	11	< 0.5	0.02	0.4	< 0.5	11	< 1	14	8.2	20	5	1.4
308844	< 5	0.04	2	0.19	1900	0.02	0.014	< 15	0.3	0.4	< 3	8	< 0.5	< 0.01	< 0.2	1.2	7	< 1	4	1.9	< 3	< 5	0.3
308845	< 5	0.09	3	0.37	6720	0.10	0.055	< 15	0.5	1.3	< 3	29	< 0.5	0.04	1.4	1.2	31	< 1	13	7.4	14	16	1.1
308846	< 5	0.20	3	0.18	2000	0.23	0.053	< 15	0.6	2.2	< 3	32	< 0.5	0.08	2.8	4.6	25	< 1	16	25.7	59	23	3.3
308847	< 5	0.13	4	0.38	4370	0.17	0.051	< 15	0.4	1.7	< 3	24	< 0.5	0.04	1.5	< 0.5	43	< 1	13	11.8	28	< 5	1.8
308848	< 5	0.27	10	0.73	15700	0.09	0.097	< 15	0.4	4.3	< 3	24	< 0.5	0.19	2.4	< 0.5	107	< 1	18	20.3	39	22	2.9
308849	< 5	0.06	1	0.22	2990	0.04	0.047	< 15	0.3	0.8	< 3	16	< 0.5	0.05	0.7	1.0	13	< 1	12	9.8	22	8	1.4

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
308850	< 5	0.05	2	0.51	4560	0.05	0.048	< 15	0.2	1.1	< 3	33	< 0.5	0.02	0.7	1.2	23	< 1	11	7.7	19	< 5	1.1
308651	< 5	1.38	38	1.68	1570	1.22	0.059	< 15	3.6	19.9	< 3	81	< 0.5	0.34	4.8	2.0	188	< 1	17	21.1	49	12	4.1
308652	< 5	0.08	1	0.63	7240	0.10	0.055	< 15	0.8	1.1	< 3	19	< 0.5	0.03	< 0.2	< 0.5	26	< 1	15	11.9	25	6	1.7
308653	< 5	1.24	16	0.96	1460	1.33	0.043	< 15	1.8	12.4	< 3	116	< 0.5	0.34	5.2	3.2	137	< 1	10	19.0	43	16	2.2
308654	< 5	2.15	32	0.96	1060	2.01	0.056	< 15	0.2	9.0	< 3	251	< 0.5	0.34	9.6	1.8	71	< 1	20	37.8	88	23	5.1
308655	< 5	2.52	28	1.18	698	1.94	0.038	105	0.3	10.5	< 3	226	< 0.5	0.23	8.6	2.2	53	< 1	14	28.5	68	16	3.7
308656	< 5	0.45	9	0.69	9590	0.39	0.090	< 15	0.3	3.2	< 3	64	< 0.5	0.07	1.9	< 0.5	54	< 1	37	26.0	61	24	4.2
308657	< 5	0.28	4	0.23	3100	0.25	0.118	< 15	10.5	2.7	< 3	28	< 0.5	0.07	3.0	1.4	38	< 1	8	17.1	34	8	2.1
308658	< 5	0.19	3	1.35	9510	0.19	0.066	< 15	0.2	1.4	< 3	45	< 0.5	0.03	0.9	0.7	31	< 1	23	20.0	41	17	2.9
308659	< 5	0.03	< 1	0.62	7650	0.03	0.034	< 15	0.5	0.6	< 3	19	< 0.5	0.01	0.3	< 0.5	22	< 1	11	11.2	17	< 5	1.4
308660	< 5	1.52	12	0.62	238	1.46	0.067	120	3.4	8.1	< 3	167	< 0.5	0.33	7.3	5.0	73	< 1	7	22.4	44	16	2.2
308661	< 5	1.79	25	0.98	592	1.98	0.057	< 15	0.8	10.1	< 3	219	< 0.5	0.31	10.5	3.2	65	< 1	12	28.8	59	20	3.2
308662	< 5	1.41	11	0.63	525	0.96	0.077	< 15	2.8	5.8	< 3	126	< 0.5	0.20	6.7	5.0	62	< 1	8	16.6	29	6	1.9
308663	< 5	0.29	2	0.29	3990	0.32	0.065	< 15	0.5	2.0	< 3	34	< 0.5	0.07	2.0	< 0.5	28	< 1	11	10.7	21	11	1.4
308664	< 5	1.29	32	1.81	2990	1.65	0.065	< 15	2.0	27.8	< 3	136	< 0.5	0.29	6.5	< 0.5	152	< 1	20	28.3	56	21	5.5
308665	< 5	0.22	2	0.43	8910	0.27	0.117	< 15	0.8	2.6	< 3	35	< 0.5	0.06	2.7	< 0.5	36	< 1	26	14.9	30	16	2.7
308666	< 5	2.05	30	0.98	1430	1.50	0.064	< 15	0.8	8.9	< 3	169	< 0.5	0.33	9.5	3.0	78	< 1	13	25.8	47	14	3.0
308667	< 5	1.03	14	0.24	2370	3.40	0.121	< 15	1.5	32.4	< 3	95	< 0.5	0.23	2.5	< 0.5	258	< 1	10	9.7	27	16	3.8
308668	< 5	1.77	10	0.57	474	1.72	0.043	83	1.4	9.5	< 3	184	< 0.5	0.38	8.1	1.5	104	< 1	9	27.5	55	9	3.0
308669	< 5	0.15	3	0.54	9050	0.13	0.137	< 15	< 0.1	2.5	< 3	23	< 0.5	0.13	2.5	< 0.5	64	< 1	27	32.1	58	19	3.9
308670	< 5	0.15	2	0.62	8090	0.18	0.082	< 15	< 0.1	2.5	< 3	29	< 0.5	0.06	1.7	< 0.5	50	< 1	20	17.6	23	< 5	2.3
308671	< 5	2.06	20	0.94	554	1.82	0.060	53	1.0	9.8	< 3	194	< 0.5	0.35	12.5	1.2	88	< 1	8	21.3	36	16	2.4
308672	< 5	1.72	14	0.62	272	1.46	0.076	< 15	4.2	10.8	< 3	147	< 0.5	0.32	5.7	2.8	125	< 1	8	18.6	30	19	2.3
308673	< 5	0.02	< 1	0.40	6480	0.02	0.061	< 15	0.5	0.9	< 3	8	< 0.5	0.03	< 0.2	< 0.5	30	< 1	9	10.3	16	< 5	1.2
308674	< 5	0.09	1	0.60	9960	0.09	0.077	< 15	< 0.1	2.0	< 3	24	< 0.5	0.06	1.5	< 0.5	40	< 1	20	18.4	27	< 5	2.6
308675	< 5	1.84	31	1.53	1090	1.88	0.073	< 15	1.1	22.2	< 3	214	< 0.5	0.29	6.6	< 0.5	125	< 1	18	33.0	51	11	6.0
308676	< 5	2.52	12	0.60	245	1.79	0.056	< 15	1.9	6.8	< 3	252	< 0.5	0.26	9.0	3.7	93	< 1	9	23.0	37	18	2.5
308677	< 5	2.46	13	0.63	309	1.41	0.076	< 15	2.7	8.7	< 3	183	< 0.5	0.33	8.0	2.7	99	< 1	8	22.8	39	16	2.6
308678	< 5	2.61	17	0.88	301	2.09	0.077	< 15	1.2	8.9	< 3	250	< 0.5	0.33	9.5	1.4	78	< 1	9	27.4	38	18	3.0
308679	< 5	0.30	12	0.79	7430	0.21	0.059	< 15	0.3	2.7	< 3	35	< 0.5	0.06	1.4	< 0.5	62	< 1	23	16.4	29	8	2.7
308680	< 5	1.34	6	0.39	428	0.69	0.092	< 15	2.2	6.9	< 3	94	< 0.5	0.24	8.0	3.2	89	< 1	7	21.4	33	7	2.5
308681	< 5	1.30	13	0.59	2780	1.28	0.063	< 15	< 0.1	6.7	< 3	154	< 0.5	0.27	7.2	< 0.5	84	< 1	11	26.7	40	18	2.8
308682	< 5	1.75	16	0.84	348	2.04	0.037	< 15	< 0.1	8.8	< 3	260	< 0.5	0.31	9.6	2.3	68	< 1	10	27.8	43	18	3.0
308683	< 5	2.56	15	0.73	318	1.75	0.077	< 15	2.2	8.3	< 3	223	< 0.5	0.32	6.8	4.3	117	< 1	8	24.3	30	21	2.5
308684	< 5	2.58	23	0.97	384	1.96	0.051	< 15	0.4	9.1	< 3	266	< 0.5	0.30	11.6	< 0.5	66	< 1	14	33.5	57	16	3.7
308685	< 5	2.90	21	0.80	632	1.66	0.057	152	0.6	26.8	< 3	107	< 0.5	0.62	5.8	1.9	281	< 1	6	13.3	20	8	1.7
308686	< 5	3.13	43	0.76	187	0.65	0.025	< 15	0.4	11.2	< 3	64	< 0.5	0.40	16.8	8.6	122	< 1	21	159	265	149	18.5
308687	< 5	3.28	51	1.26	705	1.06	0.060	105	0.9	16.0	< 3	81	< 0.5	0.41	16.8	6.1	100	< 1	17	43.1	82	30	5.0
308688	< 5	0.29	44	3.53	2160	1.21	0.032	< 15	< 0.1	35.8	< 3	45	< 0.5	0.39	1.1	< 0.5	389	< 1	13	7.3	15	< 5	2.1
308689	< 5	0.40	41	3.51	1610	1.09	0.020	< 15	1.0	35.1	< 3	53	< 0.5	0.47	2.0	< 0.5	381	< 1	12	6.0	8	8	1.4
308690	< 5	0.08	2	0.92	11000	0.04	0.063	< 15	< 0.1	4.2	< 3	24	< 0.5	0.15	1.2	0.7	77	< 1	23	14.1	24	12	2.8
308691	< 5	0.09	2	0.64	13300	0.08	0.080	< 15	< 0.1	1.5	< 3	34	< 0.5	0.04	2.1	< 0.5	31	< 1	20	19.4	32	12	2.2
308692	< 5	0.37	3	0.52	7850	0.32	0.072	< 15	0.7	2.7	< 3	45	< 0.5	0.08	3.1	< 0.5	40	< 1	18	16.0	30	15	2.1
308693	< 5	0.05	< 1	0.45	12000	0.02	0.061	< 15	0.2	1.0	< 3	15	< 0.5	0.04	0.4	< 0.5	34	< 1	17	15.6	26	9	2.0
308694	< 5	0.53	17	0.78	8090	0.41	0.158	< 15	0.7	7.9	< 3	50	< 0.5	0.15	4.5	12.2	89	< 1	27	26.4	38	21	4.6
308695	< 5	0.86	46	3.48	2010	1.07	0.042	< 15	0.9	27.4	< 3	96	< 0.5	0.43	5.1	< 0.5	326	< 1	17	10.9	26	9	2.3
308696	< 5	0.28	25	2.24	2270	0.70	0.143	< 15	1.0	21.0	< 3	87	< 0.5	0.35	1.8	< 0.5	270	< 1	16	7.5	18	8	2.2
308697	< 5	1.34	18	1.15	1880	1.08	0.075	149	1.5	14.9	< 3	123	< 0.5	0.35	9.3	1.3	118	< 1	11	18.0	31	13	2.9
308698	< 5	2.03	26	1.05	638	0.24	0.042	< 15	1.5	9.8	< 3	35	< 0.5	0.43	8.9	3.1	143	< 1	8	10.3	19	< 5	1.3
308699	< 5	3.03	37	0.92	373	0.25	0.023	182	1.9	9.9	< 3	22	< 0.5	0.25	13.9	4.0	99	< 1	10	13.8	27	8	2.0

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
308700	< 5	1.29	17	1.08	2430	0.98	0.082	< 15	2.9	12.4	< 3	112	< 0.5	0.26	7.2	7.0	125	< 1	14	19.5	34	16	2.8
308091	< 5	0.22	6	0.88	12500	0.18	0.083	< 15	< 0.1	3.7	< 3	44	< 0.5	0.11	2.8	< 0.5	77	< 1	9	11.1	24	12	1.8
308092	< 5	1.84	50	2.91	5460	0.85	0.033	< 15	< 0.1	43.8	< 3	18	< 0.5	0.51	2.1	< 0.5	350	< 1	15	6.0	15	< 5	3.8
308093	< 5	0.18	6	0.85	11400	0.14	0.092	< 15	0.3	3.0	< 3	31	< 0.5	0.09	2.0	1.4	79	< 1	19	21.2	35	17	2.9
308094	< 5	0.04	< 1	0.46	9470	0.01	0.036	< 15	0.2	0.8	< 3	17	< 0.5	0.02	< 0.2	1.4	21	< 1	11	13.0	21	14	1.5
308095	< 5	0.18	3	0.52	5310	0.19	0.084	< 15	< 0.1	1.8	< 3	34	< 0.5	0.04	1.9	0.5	37	< 1	18	10.1	17	13	1.7
308096	< 5	0.26	17	1.98	8310	0.11	0.068	< 15	< 0.1	15.1	< 3	41	< 0.5	0.16	1.2	1.0	145	< 1	16	14.4	29	12	3.3
308097	< 5	2.08	25	1.31	978	2.35	0.075	< 15	1.2	10.2	< 3	180	< 0.5	0.34	11.1	1.3	120	< 1	17	30.6	55	26	4.5
308098	< 5	0.73	13	0.68	5680	0.80	0.071	< 15	< 0.1	4.8	< 3	95	< 0.5	0.16	6.9	1.5	55	< 1	23	23.9	46	30	3.5
308099	< 5	0.29	4	0.81	13000	0.22	0.056	< 15	0.3	2.1	< 3	66	< 0.5	0.06	2.7	1.7	48	< 1	13	21.6	33	16	2.5
308100	< 5	0.08	4	0.76	13800	0.08	0.104	< 15	0.2	2.4	< 3	25	< 0.5	0.07	1.8	< 0.5	75	< 1	18	21.7	35	16	3.1
308230	< 5	0.14	12	2.26	13200	0.32	0.069	< 15	0.4	10.6	< 3	37	< 0.5	0.19	1.1	< 0.5	137	< 1	11	10.0	18	9	2.1
308231	< 5	0.13	9	2.13	13600	0.21	0.075	< 15	0.3	7.1	< 3	33	< 0.5	0.17	1.7	< 0.5	108	< 1	11	10.3	20	11	1.9
308232	< 5	0.07	3	1.94	14100	0.06	0.060	< 15	< 0.1	2.2	< 3	137	< 0.5	0.06	1.1	0.7	40	< 1	11	8.7	18	9	1.3
308233	< 5	0.05	< 1	0.36	13100	0.06	0.086	< 15	0.7	2.0	< 3	26	< 0.5	0.02	< 0.2	1.8	38	< 1	16	7.0	13	8	1.5
308234	< 5	0.11	2	0.54	11100	0.12	0.081	< 15	< 0.1	2.6	< 3	45	< 0.5	0.05	0.8	1.9	33	< 1	17	10.8	16	15	1.6
308235	< 5	0.29	5	0.60	13900	0.30	0.060	< 15	< 0.1	3.1	< 3	56	< 0.5	0.07	1.7	1.0	49	< 1	22	14.5	22	18	2.4
308236	< 5	0.17	4	0.37	11300	0.18	0.077	< 15	< 0.1	3.1	< 3	29	< 0.5	0.09	1.4	5.5	67	< 1	12	10.6	17	6	1.2
308237	< 5	0.05	1	0.86	10800	0.03	0.041	< 15	< 0.1	0.9	< 3	58	< 0.5	0.02	< 0.2	< 0.5	18	< 1	10	7.2	12	5	1.1
308238	< 5	0.46	7	0.85	15300	0.15	0.070	< 15	0.2	4.2	< 3	37	< 0.5	0.14	2.7	1.1	77	< 1	13	14.3	24	9	2.3
308239	< 5	0.57	9	1.63	9020	0.10	0.053	< 15	0.3	8.4	< 3	42	< 0.5	0.22	3.0	< 0.5	115	< 1	7	7.8	14	10	1.6
308240	< 5	1.35	20	1.33	9900	0.41	0.077	< 15	< 0.1	29.2	< 3	46	< 0.5	0.39	3.4	< 0.5	195	< 1	11	13.9	27	15	3.3
308241	< 5	0.13	3	0.80	13800	0.12	0.082	< 15	< 0.1	2.6	< 3	28	< 0.5	0.06	1.7	1.3	55	< 1	22	17.5	28	13	2.3
308242	< 5	0.31	5	0.41	11400	0.33	0.089	< 15	< 0.1	3.4	< 3	45	< 0.5	0.10	3.8	1.6	52	< 1	20	17.9	30	11	2.5
308243	< 5	0.16	4	0.80	13300	0.16	0.084	< 15	< 0.1	2.5	< 3	54	< 0.5	0.04	2.2	3.1	48	< 1	20	18.5	25	17	2.5
308244	< 5	0.42	9	1.30	7240	0.39	0.072	< 15	0.4	4.2	< 3	65	< 0.5	0.11	5.4	< 0.5	76	< 1	24	16.8	29	15	2.8
308245	< 5	0.29	4	0.62	5610	0.28	0.086	< 15	< 0.1	2.4	< 3	52	< 0.5	0.07	5.2	< 0.5	40	< 1	16	14.5	29	13	2.2
308246	< 5	0.03	1	0.53	13800	0.03	0.037	< 15	0.4	2.5	< 3	20	< 0.5	0.01	< 0.2	4.5	60	< 1	28	20.6	27	18	2.3
308247	< 5	0.22	4	0.70	14800	0.24	0.090	< 15	0.2	3.8	< 3	60	< 0.5	0.06	3.4	3.1	46	< 1	21	12.7	22	10	2.2
308248	< 5	0.16	4	1.00	18400	0.04	0.080	< 15	0.2	1.7	< 3	55	< 0.5	0.05	2.3	< 0.5	35	< 1	21	19.1	38	18	2.5
308249	< 5	0.06	4	1.61	15900	0.03	0.076	< 15	< 0.1	1.9	< 3	86	< 0.5	0.05	1.8	< 0.5	51	< 1	13	11.4	18	13	1.5
308250	< 5	0.24	8	2.16	7700	0.06	0.097	< 15	< 0.1	3.5	< 3	91	< 0.5	0.15	1.7	< 0.5	86	< 1	8	8.5	18	17	1.4
308951	< 5	1.67	27	2.11	1270	1.47	0.050	< 15	2.2	21.2	< 3	142	< 0.5	0.34	7.9	3.9	172	< 1	11	18.3	34	14	2.7
308952	< 5	1.46	29	1.08	1570	1.15	0.058	39	2.5	16.4	< 3	108	< 0.5	0.36	7.8	5.1	167	< 1	15	20.6	44	22	3.7
308953	< 5	0.70	13	0.67	7290	0.74	0.094	< 15	1.3	5.8	< 3	88	< 0.5	0.14	4.8	1.2	76	< 1	24	30.0	42	15	4.3
308954	< 5	1.79	16	0.22	629	0.35	0.105	< 15	35.9	7.6	52	49	< 0.5	0.27	4.1	< 0.5	997	< 1	10	26.8	50	< 5	3.8
308955	< 5	2.02	11	0.80	409	1.34	0.066	< 15	2.8	9.6	< 3	161	< 0.5	0.37	5.5	4.0	157	< 1	10	22.6	35	< 5	2.8
308956	< 5	1.59	10	0.59	299	1.59	0.082	< 15	2.7	7.3	< 3	198	< 0.5	0.34	8.7	3.1	102	< 1	7	20.3	34	20	2.2
308957	< 5	0.18	2	0.70	12500	0.12	0.115	< 15	0.6	2.6	< 3	36	< 0.5	0.08	1.3	< 0.5	53	< 1	21	18.3	36	< 5	2.7
308958	< 5	0.75	12	1.00	7780	0.40	0.060	< 15	1.8	5.1	< 3	72	< 0.5	0.14	3.6	3.8	82	< 1	20	21.8	31	18	2.9
308959	< 5	1.41	19	1.45	5160	0.63	0.050	< 15	2.6	9.2	< 3	73	< 0.5	0.30	6.3	3.0	116	< 1	16	22.9	36	26	3.2
308960	< 5	0.20	8	1.13	13600	0.07	0.063	< 15	0.9	3.7	< 3	26	< 0.5	0.25	2.9	< 0.5	122	< 1	14	18.3	27	12	2.8
308961	< 5	0.20	7	1.70	11100	0.10	0.071	< 15	0.7	2.5	< 3	61	< 0.5	0.13	1.5	1.6	65	< 1	13	17.0	28	16	2.3
308962	< 5	1.29	10	0.63	3070	0.92	0.060	< 15	4.4	8.1	< 3	92	< 0.5	0.24	4.1	1.3	122	< 1	12	19.3	27	7	2.6
308963	< 5	1.35	11	0.56	3060	0.95	0.065	< 15	3.2	7.8	< 3	107	< 0.5	0.22	4.8	3.6	103	< 1	11	18.9	31	18	2.5
308964	< 5	2.15	15	0.83	528	1.43	0.057	< 15	2.4	11.9	< 3	149	< 0.5	0.33	6.6	1.7	122	< 1	9	20.3	34	< 5	2.7
308965	< 5	0.06	< 1	0.88	7230	0.04	0.028	< 15	1.3	0.8	< 3	21	< 0.5	0.01	< 0.2	< 0.5	22	< 1	15	12.2	19	< 5	1.6
308966	< 5	1.34	19	0.85	2670	1.07	0.068	< 15	2.8	11.5	< 3	97	< 0.5	0.33	6.5	7.8	130	< 1	9	22.3	44	19	3.0
308967	< 5	0.20	3	1.04	10200	0.09	0.067	< 15	< 0.1	1.6	< 3	97	< 0.5	0.06	< 0.2	< 0.5	39	< 1	13	13.0	31	< 5	2.0
308968	< 5	0.16	3	0.83	9150	0.08	0.053	< 15	1.6	1.4	< 3	31	< 0.5	0.03	< 0.2	< 0.5	32	< 1	15	14.7	27	9	2.5

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
308969	< 5	1.14	11	0.45	1120	1.15	0.022	< 15	< 0.1	5.1	< 3	136	< 0.5	0.25	4.7	2.1	64	< 1	9	20.7	37	7	2.6
307927	< 5	0.96	50	5.08	1700	1.36	0.017	< 15	1.1	51.0	< 3	32	< 0.5	0.44	< 0.2	< 0.5	363	< 1	14	4.0	10	< 5	1.8
307928	< 5	0.34	4	0.69	20900	0.04	0.086	< 15	0.3	4.5	< 3	38	< 0.5	0.17	2.0	< 0.5	132	< 1	14	19.4	41	15	3.8
307929	< 5	0.11	3	0.67	13800	0.07	0.074	< 15	< 0.1	1.9	< 3	22	< 0.5	0.07	1.4	1.6	49	< 1	14	9.3	23	11	1.5
307930	< 5	0.54	9	0.87	14300	0.65	0.067	< 15	0.7	4.9	< 3	110	< 0.5	0.13	3.9	2.1	57	< 1	20	19.5	42	8	3.2
307931	< 5	2.16	19	1.03	2330	1.64	0.049	84	< 0.1	9.2	< 3	204	< 0.5	0.29	9.1	< 0.5	78	< 1	18	40.4	74	26	5.8
307932	< 5	2.12	14	0.93	2060	1.76	0.038	< 15	< 0.1	8.0	< 3	212	< 0.5	0.25	7.2	< 0.5	61	< 1	16	31.1	56	20	4.8
307933	< 5	0.18	4	0.40	3930	0.12	0.067	< 15	2.2	3.2	< 3	19	< 0.5	0.07	2.3	3.7	59	< 1	25	16.3	28	8	2.9
307934	< 5	0.03	2	0.48	8980	0.04	0.019	< 15	< 0.1	1.2	< 3	5	< 0.5	0.03	1.4	2.2	38	< 1	20	13.7	24	< 5	1.8
307935	< 5	0.03	5	1.15	14300	0.03	0.085	< 15	0.3	1.7	< 3	61	< 0.5	0.02	3.0	2.0	41	< 1	13	8.8	18	< 5	1.5
307936	< 5	0.05	2	0.23	8820	0.06	0.057	< 15	< 0.1	1.8	< 3	16	< 0.5	0.04	1.4	2.9	38	< 1	21	17.7	35	9	2.1
307937	< 5	0.13	2	0.51	13300	0.10	0.096	< 15	< 0.1	1.7	< 3	28	< 0.5	0.06	1.5	3.1	32	< 1	14	9.5	21	< 5	1.3
307938	< 5	0.34	6	1.16	13500	0.06	0.070	< 15	0.7	3.2	< 3	28	< 0.5	0.16	1.8	< 0.5	109	< 1	9	12.3	33	13	2.1
307939	< 5	0.66	14	2.45	14700	0.15	0.090	< 15	< 0.1	8.2	< 3	47	< 0.5	0.27	1.8	< 0.5	148	< 1	9	10.9	28	< 5	2.0
307940	< 5	0.42	7	2.95	14700	0.07	0.096	< 15	< 0.1	3.0	< 3	54	< 0.5	0.14	2.2	< 0.5	90	< 1	12	11.6	24	12	1.9
307941	< 5	0.70	13	0.67	9800	0.62	0.098	< 15	< 0.1	6.5	< 3	88	< 0.5	0.23	6.7	< 0.5	116	< 1	18	21.7	42	21	3.4
307942	< 5	0.04	< 1	0.80	23400	0.05	0.063	< 15	< 0.1	4.6	< 3	59	< 0.5	0.02	1.8	1.8	37	< 1	28	18.8	35	28	3.0
307943	< 5	0.21	4	0.72	8280	0.24	0.078	< 15	< 0.1	2.6	< 3	48	< 0.5	0.06	2.3	< 0.5	48	< 1	24	37.9	53	12	3.2
307944	< 5	0.20	3	0.57	7020	0.08	0.056	< 15	< 0.1	2.3	< 3	28	< 0.5	0.05	1.5	2.4	40	< 1	18	5.5	24	11	1.6
307945	< 5	0.72	8	1.60	4810	0.64	0.108	< 15	0.4	4.2	< 3	106	< 0.5	0.12	3.4	< 0.5	54	< 1	14	19.4	35	23	2.2
307946	< 5	1.24	18	0.91	2290	1.09	0.098	< 15	0.7	15.6	< 3	127	< 0.5	0.44	11.0	8.0	139	< 1	22	67.6	115	34	6.6
307947	< 5	0.16	2	0.47	6840	0.15	0.065	< 15	< 0.1	1.2	< 3	31	< 0.5	0.04	1.3	< 0.5	24	< 1	15	12.1	21	10	1.6
307948	< 5	1.38	33	1.10	2560	1.93	0.055	< 15	< 0.1	10.6	< 3	176	< 0.5	0.28	11.2	< 0.5	87	< 1	20	39.9	72	34	4.9
307949	< 5	0.32	4	0.43	6090	0.45	0.082	37	< 0.1	3.0	< 3	57	< 0.5	0.08	2.2	< 0.5	37	< 1	12	13.9	22	8	1.5
307950	< 5	0.07	5	0.97	16100	0.06	0.064	< 15	< 0.1	2.8	< 3	32	< 0.5	0.14	1.5	< 0.5	90	< 1	16	14.8	28	14	1.9
307642	< 5	0.44	8	0.71	13500	0.16	0.090	< 15	< 0.1	7.4	< 3	25	< 0.5	0.14	1.5	< 0.5	127	< 1	12	11.8	22	8	2.0
307643	< 5	2.09	26	1.14	582	1.69	0.055	74	1.6	13.2	< 3	195	< 0.5	0.36	9.9	9.8	115	< 1	14	12.3	43	12	3.2
307644	< 5	0.21	44	4.16	1680	2.24	0.059	< 15	1.0	29.0	< 3	36	< 0.5	0.41	5.9	4.9	309	< 1	15	35.7	54	17	2.2
307645	< 5	0.45	2	0.51	6510	0.36	0.067	< 15	0.4	2.6	< 3	49	< 0.5	0.13	5.5	< 0.5	49	< 1	14	23.6	42	41	2.9
307646	< 5	0.98	4	0.26	494	0.46	0.126	< 15	1.1	4.9	< 3	61	< 0.5	0.23	4.5	< 0.5	90	< 1	6	21.3	41	16	2.4
307647	< 5	0.29	3	0.30	5860	0.24	0.127	< 15	0.9	2.2	< 3	33	< 0.5	0.08	3.5	< 0.5	52	< 1	18	39.9	82	22	5.5
307648	< 5	2.62	25	1.13	1780	1.23	0.056	< 15	4.4	28.4	< 3	135	< 0.5	0.42	8.2	10.1	153	< 1	32	46.1	55	26	6.2
307649	< 5	2.61	22	0.93	702	1.69	0.054	< 15	2.9	11.3	< 3	189	< 0.5	0.35	8.5	3.8	113	< 1	12	24.9	40	32	3.7
307650	< 5	2.33	28	1.27	1040	2.03	0.049	68	0.8	13.8	< 3	201	< 0.5	0.37	7.0	5.1	115	< 1	15	28.1	59	24	4.8
309101	< 5	0.14	9	0.72	14600	0.12	0.099	< 15	< 0.1	5.8	< 3	26	< 0.5	0.25	2.7	2.1	126	< 1	20	14.8	23	11	2.9
309102	< 5	0.21	5	0.53	9090	0.17	0.074	< 15	0.7	2.3	< 3	31	< 0.5	0.09	1.7	< 0.5	55	< 1	19	12.4	20	14	2.0
309103	< 5	0.17	13	0.81	15700	0.20	0.136	< 15	0.4	5.4	< 3	47	< 0.5	0.18	2.2	0.6	127	< 1	16	12.8	21	14	2.2
309104	< 5	0.10	1	0.59	10900	0.10	0.074	< 15	< 0.1	1.3	< 3	31	< 0.5	0.03	0.6	< 0.5	24	< 1	19	12.3	15	9	2.0
309105	< 5	0.65	14	0.54	5760	0.56	0.074	< 15	< 0.1	3.6	< 3	90	< 0.5	0.15	3.8	1.3	55	< 1	19	18.0	30	13	2.8
309106	< 5	0.09	1	1.79	6150	0.07	0.043	< 15	< 0.1	0.6	< 3	79	< 0.5	0.02	< 0.2	< 0.5	16	< 1	14	6.6	9	< 5	1.2
309107	< 5	0.11	5	0.80	11600	0.09	0.060	< 15	< 0.1	1.5	< 3	46	< 0.5	0.04	1.7	< 0.5	35	< 1	28	14.2	23	15	2.3
309108	< 5	0.09	4	0.52	6850	0.08	0.050	< 15	0.4	1.8	< 3	27	< 0.5	0.05	1.8	1.2	53	< 1	33	20.1	28	9	3.5
309109	< 5	0.06	2	0.85	1830	0.01	0.022	< 15	0.2	0.5	< 3	107	< 0.5	0.02	< 0.2	< 0.5	15	< 1	5	5.0	8	9	0.8
309110	< 5	0.11	2	0.65	10100	0.16	0.075	< 15	< 0.1	1.6	< 3	47	< 0.5	0.03	0.9	< 0.5	25	< 1	30	17.2	27	15	2.4
309111	< 5	0.12	1	0.27	4000	0.10	0.056	< 15	< 0.1	1.0	< 3	25	< 0.5	0.02	< 0.2	< 0.5	12	< 1	19	12.9	27	< 5	2.2
309112	< 5	0.26	5	0.38	4640	0.29	0.079	< 15	0.6	3.0	< 3	46	< 0.5	0.08	2.6	< 0.5	48	< 1	18	15.1	25	< 5	2.5
309113	< 5	0.08	4	1.17	5530	0.07	0.060	< 15	< 0.1	1.5	< 3	39	< 0.5	0.04	1.2	1.7	48	< 1	20	14.0	20	< 5	2.0
309114	< 5	0.08	< 1	0.18	1450	0.06	0.024	< 15	< 0.1	0.6	< 3	9	< 0.5	0.02	0.5	< 0.5	10	< 1	14	6.7	11	< 5	1.3
309115	< 5	0.13	3	0.47	7560	0.13	0.069	< 15	0.2	1.8	< 3	44	< 0.5	0.04	1.8	< 0.5	31	< 1	20	12.0	11	8	1.9
309116	< 5	0.03	< 1	0.12	1200	0.01	0.022	< 15	< 0.1	0.5	< 3	2	< 0.5	0.01	< 0.2	< 0.5	9	< 1	11	4.6	7	< 5	1.1

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
309117	< 5	0.59	8	0.31	2080	0.43	0.049	< 15	0.1	2.3	< 3	75	< 0.5	0.10	1.6	2.1	29	< 1	11	9.8	15	13	1.4
309118	< 5	0.04	5	2.48	5460	0.02	0.051	< 15	< 0.1	1.1	< 3	155	< 0.5	0.03	< 0.2	< 0.5	33	< 1	21	17.4	36	21	2.5
309119	< 5	0.95	5	0.28	334	0.49	0.140	< 15	10.0	3.4	< 3	68	< 0.5	0.17	2.4	< 0.5	70	< 1	3	14.4	23	17	1.4
309120	< 5	2.41	25	0.87	482	1.65	0.035	< 15	< 0.1	9.7	< 3	172	< 0.5	0.28	8.9	2.9	70	< 1	13	29.8	50	18	4.1
309121	< 5	0.54	8	0.56	6030	0.68	0.081	< 15	0.2	4.6	< 3	86	< 0.5	0.14	3.4	2.6	39	< 1	18	22.8	43	13	3.1
309122	< 5	0.03	< 1	0.17	1530	0.03	0.016	< 15	0.4	0.5	< 3	9	< 0.5	0.02	< 0.2	0.9	8	< 1	12	7.7	13	< 5	1.3
309123	< 5	2.38	15	0.60	367	1.67	0.024	62	1.3	9.9	< 3	194	< 0.5	0.20	8.6	2.1	56	< 1	10	27.0	50	16	3.1
309124	< 5	0.17	2	0.56	2650	0.13	0.052	< 15	< 0.1	1.1	< 3	39	< 0.5	0.09	1.5	< 0.5	22	< 1	12	10.2	19	< 5	1.8
309125	< 5	0.04	< 1	0.14	1530	0.07	0.043	< 15	0.2	0.6	< 3	8	< 0.5	0.01	< 0.2	< 0.5	15	< 1	10	9.6	17	< 5	1.1
309126	< 5	0.02	< 1	0.14	1690	0.05	0.021	< 15	0.3	1.8	< 3	2	< 0.5	0.05	1.1	3.0	51	< 1	7	15.7	27	10	1.7
309127	< 5	0.03	< 1	0.06	1200	0.06	0.028	< 15	0.2	0.9	< 3	4	< 0.5	0.01	0.8	2.7	12	< 1	10	4.7	9	< 5	0.9
309128	< 5	0.04	7	1.87	3190	0.02	0.045	< 15	< 0.1	1.0	< 3	51	< 0.5	0.15	1.2	1.8	30	< 1	13	14.4	33	12	2.2
309129	< 5	0.12	10	1.31	5340	0.07	0.041	< 15	< 0.1	0.9	< 3	41	< 0.5	0.07	< 0.2	< 0.5	40	< 1	15	11.2	21	< 5	1.5
309130	< 5	0.85	19	0.72	4150	1.01	0.073	< 15	0.4	6.6	< 3	135	< 0.5	0.26	10.0	5.1	67	< 1	52	84.4	123	34	9.1
309131	< 5	0.13	3	1.00	6690	0.09	0.060	< 15	< 0.1	1.1	< 3	86	< 0.5	0.04	< 0.2	< 0.5	48	< 1	16	13.4	32	< 5	1.9
FAV2015-001-F	< 5	2.71	10	0.62	361	2.45	0.082	84	0.7	6.9	< 3	331	< 0.5	0.29	6.6	1.0	54	< 1	13	18.5	41	13	3.0
FAV2015-002-F	< 5	2.64	15	0.74	449	2.53	0.076	< 15	0.4	8.3	< 3	296	< 0.5	0.31	10.3	0.7	52	< 1	15	26.2	64	16	3.9
FAV2015-003-F	< 5	2.20	8	0.57	406	2.60	0.079	66	0.4	7.1	< 3	318	< 0.5	0.29	6.4	2.5	54	< 1	14	21.2	44	8	3.3
FAV2015-004-F	< 5	1.56	8	0.52	349	2.46	0.078	< 15	0.3	6.8	< 3	311	< 0.5	0.28	6.9	< 0.5	50	< 1	15	24.1	49	10	4.0
FAV2015-005-F	< 5	1.49	23	1.14	341	2.18	0.082	< 15	< 0.1	13.9	< 3	228	< 0.5	0.25	11.4	3.6	57	< 1	20	45.7	62	24	6.5
FAV2015-006-F	< 5	0.30	19	8.44	1310	1.01	0.119	< 15	0.2	25.4	< 3	90	< 0.5	0.28	1.5	< 0.5	164	< 1	17	4.9	18	8	2.4
FAV2015-007-F	< 5	1.47	18	0.93	518	2.40	0.111	< 15	< 0.1	11.6	< 3	279	< 0.5	0.23	15.8	3.7	52	< 1	27	58.9	81	28	9.0
FAV2015-008-F	< 5	1.47	20	0.99	513	2.22	0.098	57	< 0.1	11.2	< 3	260	< 0.5	0.18	15.0	4.9	45	< 1	24	50.9	77	26	7.4
308970	< 5	2.17	11	0.60	374	1.45	0.095	63	4.6	7.9	< 3	169	< 0.5	0.29	7.6	3.7	132	< 1	7	20.0	34	14	2.3
308971	< 5	1.61	8	0.37	495	0.98	0.095	< 15	2.4	6.5	< 3	117	< 0.5	0.22	5.8	3.6	98	< 1	7	16.3	20	18	2.1
308972	< 5	1.88	12	0.50	521	1.32	0.065	< 15	2.9	7.7	< 3	174	< 0.5	0.30	9.2	3.5	120	< 1	10	29.2	44	18	3.4
308973	< 5	1.60	10	0.33	704	0.83	0.085	< 15	26.0	6.1	< 3	95	< 0.5	0.26	8.9	2.4	209	< 1	7	22.8	44	< 5	2.6
308974	< 5	1.70	16	0.66	923	1.78	0.073	< 15	1.1	7.2	< 3	238	< 0.5	0.28	8.4	3.4	73	< 1	12	23.2	39	17	3.2
308975	< 5	0.84	17	0.41	4680	0.63	0.108	< 15	2.2	6.2	< 3	75	< 0.5	0.19	5.5	6.6	101	< 1	13	20.7	27	10	3.0
308976	< 5	0.55	10	0.40	153	0.36	0.321	< 15	8.7	11.9	< 3	19	< 0.5	0.13	94.6	19.4	133	< 1	5	15.9	34	< 5	3.8
308977	< 5	1.88	16	0.61	1210	1.55	0.061	< 15	1.8	8.8	< 3	184	< 0.5	0.31	9.4	4.3	98	< 1	9	20.7	35	6	2.8
308978	< 5	2.04	12	0.59	342	1.72	0.090	< 15	2.4	8.5	< 3	189	< 0.5	0.32	7.5	5.0	146	< 1	7	21.2	34	13	2.1
308979	< 5	2.10	15	0.60	498	1.94	0.053	< 15	1.6	8.4	< 3	225	< 0.5	0.31	7.0	3.4	82	< 1	10	24.4	49	22	3.1
308980	< 5	2.43	12	0.62	634	1.91	0.077	< 15	2.0	9.3	< 3	217	< 0.5	0.34	8.8	5.3	101	< 1	10	23.7	35	14	2.5
308981	< 5	2.35	13	0.54	314	1.33	0.116	65	3.8	7.2	< 3	160	< 0.5	0.33	7.9	3.7	116	< 1	6	18.0	29	10	2.0
308982	< 5	1.01	14	0.52	1560	1.12	0.065	< 15	2.9	7.8	< 3	126	< 0.5	0.27	8.1	4.2	104	< 1	8	21.9	41	< 5	2.8
308983	< 5	1.32	11	0.54	279	1.49	0.108	< 15	3.1	8.4	< 3	166	< 0.5	0.32	7.1	3.6	131	< 1	7	19.6	31	10	2.2
308984	< 5	0.75	4	0.19	206	0.19	0.187	< 15	8.2	4.3	< 3	31	< 0.5	0.15	11.1	10.1	61	< 1	6	16.6	40	38	1.9
308985	< 5	0.07	1	1.19	6230	0.07	0.058	< 15	< 0.1	0.7	< 3	52	< 0.5	0.03	< 0.2	< 0.5	20	< 1	14	9.4	16	< 5	1.6
308986	< 5	1.87	8	0.38	2840	0.95	0.075	< 15	4.9	7.1	< 3	103	< 0.5	0.23	4.8	2.3	116	< 1	12	23.9	43	22	3.4
308987	< 5	2.47	11	0.53	282	1.46	0.105	< 15	4.3	7.9	< 3	172	< 0.5	0.32	6.9	2.4	121	< 1	7	22.0	42	8	2.4
308988	< 5	2.27	14	0.65	292	1.39	0.102	< 15	4.1	8.8	3	161	< 0.5	0.31	6.3	3.2	124	< 1	7	19.1	35	7	2.2
308989	< 5	5.06	29	0.87	1360	0.38	0.055	90	3.2	53.0	< 3	52	< 0.5	0.49	2.0	< 0.5	430	< 1	13	11.5	32	< 5	3.7
308990	< 5	2.27	16	0.86	413	1.56	0.064	< 15	5.0	11.9	< 3	156	< 0.5	0.34	6.7	1.5	143	< 1	7	18.9	29	18	2.3
308501	< 5	2.11	44	3.67	587	0.43	0.017	< 15	0.8	46.3	< 3	49	< 0.5	0.39	3.2	< 0.5	309	< 1	7	14.6	27	< 5	3.5
308502	< 5	1.66	59	3.59	5070	0.10	0.047	95	1.7	37.9	< 3	28	< 0.5	0.79	1.1	4.0	341	< 1	8	9.0	18	< 5	2.9
308503	< 5	1.07	30	2.30	2340	1.14	0.093	< 15	1.5	32.3	< 3	102	< 0.5	0.42	4.9	5.1	198	< 1	24	22.6	30	13	5.0
308504	< 5	0.86	8	0.96	6750	0.55	0.102	< 15	2.4	9.8	< 3	90	< 0.5	0.21	3.2	3.2	99	< 1	11	17.2	26	29	3.0
308505	< 5	1.80	17	0.75	1550	1.38	0.077	< 15	1.7	16.6	< 3	161	< 0.5	0.35	7.3	5.8	128	< 1	13	22.1	34	18	3.7
308506	< 5	1.94	12	0.60	264	1.63	0.079	< 15	4.8	9.0	< 3	185	< 0.5	0.34	6.2	2.9	118	< 1	7	25.2	38	22	3.2

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
308507	< 5	0.08	2	0.46	10600	0.06	0.049	< 15	2.4	1.6	< 3	31	< 0.5	0.04	0.4	< 0.5	44	< 1	25	18.5	32	14	3.4
308508	< 5	2.20	9	0.46	928	1.21	0.062	< 15	5.8	8.2	< 3	145	< 0.5	0.35	7.7	< 0.5	135	< 1	9	28.6	50	14	4.0
308509	< 5	2.06	9	0.41	284	1.09	0.148	< 15	3.7	6.7	< 3	140	< 0.5	0.28	9.5	6.9	180	< 1	8	26.1	51	< 5	2.9
308510	< 5	2.43	11	0.68	322	2.18	0.040	44	0.8	8.3	< 3	248	< 0.5	0.29	7.8	< 0.5	72	< 1	9	22.5	38	6	3.4
308511	< 5	2.22	10	0.54	301	1.46	0.099	< 15	3.9	7.7	< 3	175	< 0.5	0.31	7.5	3.0	121	< 1	7	24.3	42	21	3.0
308512	< 5	2.23	12	0.56	528	1.21	0.110	112	2.8	7.8	< 3	152	< 0.5	0.31	6.6	5.5	111	< 1	8	21.8	40	19	2.7
308513	< 5	1.59	30	0.56	1090	0.19	0.143	< 15	2.0	8.1	< 3	59	< 0.5	0.22	20.1	5.8	73	< 1	26	216	297	124	20.1

Results

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
308801	< 0.01	< 0.5	1.9	0.09	19.9
308802	< 0.01	< 0.5	1.3	0.08	25.1
308803	< 0.01	< 0.5	2.8	0.18	26.1
308804	< 0.01	< 0.5	1.5	0.12	24.5
308805	< 0.01	< 0.5	1.1	0.06	19.0
308806	< 0.01	< 0.5	2.0	0.10	22.9
308807	< 0.01	< 0.5	1.1	< 0.05	7.58
308808	< 0.01	< 0.5	1.5	0.08	21.9
308809	< 0.01	< 0.5	1.1	0.08	27.9
308810	< 0.01	< 0.5	1.7	0.12	27.1
308811	< 0.01	< 0.5	2.0	0.07	22.6
308812	< 0.01	< 0.5	1.6	0.07	7.50
308813	< 0.01	< 0.5	2.1	0.14	20.6
308814	< 0.01	< 0.5	1.4	0.10	29.0
308815	< 0.01	< 0.5	1.0	< 0.05	26.7
308816	< 0.01	< 0.5	1.8	0.16	29.4
308817	< 0.01	< 0.5	1.6	0.09	29.5
308818	< 0.01	< 0.5	1.4	0.06	24.6
308819	< 0.01	< 0.5	0.9	0.06	24.0
308820	< 0.01	< 0.5	1.1	0.05	25.2
308821	< 0.01	< 0.5	0.9	0.05	26.9
308822	< 0.01	< 0.5	1.8	0.10	26.1
308823	< 0.01	< 0.5	2.1	0.13	22.3
308824	< 0.01	< 0.5	1.4	0.08	28.7
308825	< 0.01	< 0.5	1.2	0.06	28.1
308826	< 0.01	< 0.5	3.2	0.16	7.04
308827	< 0.01	< 0.5	< 0.2	0.08	26.5
308828	< 0.01	< 0.5	0.5	0.06	21.2
308829	< 0.01	< 0.5	1.2	0.07	25.6
308830	< 0.01	< 0.5	1.5	0.08	25.5
308831	< 0.01	< 0.5	1.5	0.06	27.7
308832	< 0.01	< 0.5	2.1	0.11	25.0
308833	< 0.01	< 0.5	1.7	0.18	6.34
308834	< 0.01	< 0.5	1.4	0.07	25.5
308835	< 0.01	< 0.5	1.2	0.09	25.8
308836	< 0.01	< 0.5	1.4	0.09	22.7
308837	< 0.01	< 0.5	1.6	0.12	23.9
308838	< 0.01	< 0.5	1.8	0.12	25.5
308839	< 0.01	< 0.5	1.4	0.08	30.2
308840	< 0.01	< 0.5	1.1	0.07	24.5
308841	< 0.01	< 0.5	1.3	0.11	32.3
308842	< 0.01	< 0.5	1.3	0.07	26.6
308843	< 0.01	< 0.5	1.1	0.06	32.8
308844	< 0.01	< 0.5	0.3	< 0.05	42.2
308845	< 0.01	< 0.5	0.9	0.06	25.6
308846	< 0.01	< 0.5	1.0	0.08	31.3
308847	< 0.01	< 0.5	1.2	0.07	25.3
308848	< 0.01	< 0.5	1.4	0.11	24.1
308849	< 0.01	< 0.5	1.1	0.06	36.4

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
308850	< 0.01	< 0.5	1.0	0.05	25.9
308651	< 0.01	< 0.5	2.2	0.11	24.2
308652	< 0.01	< 0.5	1.2	0.06	24.2
308653	< 0.01	0.5	1.5	0.07	26.0
308654	< 0.01	0.5	1.5	0.11	32.7
308655	< 0.01	< 0.5	1.1	0.05	30.9
308656	< 0.01	< 0.5	3.2	0.17	24.1
308657	< 0.01	< 0.5	1.4	0.05	25.6
308658	< 0.01	< 0.5	2.4	0.08	27.3
308659	< 0.01	< 0.5	1.1	< 0.05	33.2
308660	< 0.01	< 0.5	1.0	< 0.05	26.7
308661	< 0.01	< 0.5	1.1	0.05	29.3
308662	< 0.01	< 0.5	0.9	0.08	23.8
308663	< 0.01	< 0.5	0.9	< 0.05	28.9
308664	< 0.01	< 0.5	2.6	0.15	24.3
308665	< 0.01	< 0.5	2.2	0.15	20.0
308666	< 0.01	< 0.5	1.2	< 0.05	25.3
308667	< 0.01	< 0.5	4.0	0.14	26.8
308668	< 0.01	< 0.5	1.3	0.06	25.4
308669	< 0.01	< 0.5	3.1	0.22	6.42
308670	< 0.01	< 0.5	2.1	0.16	25.2
308671	< 0.01	< 0.5	1.0	0.08	28.3
308672	< 0.01	< 0.5	1.2	0.10	28.0
308673	< 0.01	< 0.5	0.9	0.06	35.7
308674	< 0.01	< 0.5	1.6	0.11	23.0
308675	< 0.01	< 0.5	2.1	0.11	30.5
308676	< 0.01	< 0.5	0.8	0.09	32.6
308677	< 0.01	< 0.5	1.2	0.12	29.2
308678	< 0.01	< 0.5	1.1	0.07	27.9
308679	< 0.01	< 0.5	1.9	0.13	26.6
308680	< 0.01	< 0.5	1.4	0.06	24.7
308681	< 0.01	< 0.5	1.2	0.08	26.7
308682	< 0.01	< 0.5	1.0	0.07	28.4
308683	< 0.01	< 0.5	1.2	0.09	27.8
308684	< 0.01	< 0.5	1.0	0.05	28.9
308685	< 0.01	< 0.5	1.9	0.08	24.8
308686	< 0.01	< 0.5	1.9	0.22	21.5
308687	< 0.01	< 0.5	1.8	0.17	24.0
308688	< 0.01	< 0.5	1.6	0.13	23.8
308689	< 0.01	< 0.5	1.3	< 0.05	24.6
308690	< 0.01	< 0.5	1.7	0.11	26.9
308691	< 0.01	< 0.5	1.6	0.10	26.8
308692	< 0.01	< 0.5	1.4	0.10	26.6
308693	< 0.01	< 0.5	1.6	0.12	28.0
308694	< 0.01	< 0.5	2.3	0.19	22.8
308695	< 0.01	< 0.5	1.4	0.12	27.8
308696	< 0.01	< 0.5	1.7	0.08	19.0
308697	< 0.01	< 0.5	1.8	0.18	23.5
308698	< 0.01	< 0.5	1.8	0.12	22.5
308699	< 0.01	< 0.5	1.7	0.12	23.9

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
308700	< 0.01	< 0.5	1.5	0.12	22.7
308091	< 0.01	< 0.5	1.2	0.05	22.0
308092	< 0.01	< 0.5	4.0	0.28	24.5
308093	< 0.01	< 0.5	2.4	0.16	26.0
308094	< 0.01	< 0.5	1.1	0.10	29.3
308095	< 0.01	< 0.5	1.7	0.14	24.4
308096	< 0.01	< 0.5	3.2	0.20	25.1
308097	< 0.01	< 0.5	1.8	0.13	29.4
308098	< 0.01	< 0.5	1.8	0.15	23.9
308099	< 0.01	< 0.5	1.9	0.13	28.9
308100	< 0.01	< 0.5	1.7	0.14	23.2
308230	< 0.01	< 0.5	1.5	0.07	26.5
308231	< 0.01	< 0.5	1.2	0.05	26.6
308232	< 0.01	< 0.5	1.0	< 0.05	30.1
308233	< 0.01	< 0.5	1.4	0.11	23.5
308234	< 0.01	< 0.5	1.3	0.10	22.1
308235	< 0.01	< 0.5	1.9	0.14	23.2
308236	< 0.01	< 0.5	1.2	0.09	19.0
308237	< 0.01	< 0.5	0.9	< 0.05	25.7
308238	< 0.01	< 0.5	1.1	0.07	23.6
308239	< 0.01	< 0.5	1.1	0.07	27.8
308240	< 0.01	< 0.5	2.6	0.19	25.8
308241	< 0.01	< 0.5	1.9	0.13	20.5
308242	< 0.01	< 0.5	1.4	0.09	23.7
308243	< 0.01	< 0.5	2.0	0.11	23.7
308244	< 0.01	< 0.5	1.8	0.09	22.7
308245	< 0.01	< 0.5	1.4	0.10	24.8
308246	< 0.01	< 0.5	3.0	0.22	23.5
308247	< 0.01	< 0.5	1.8	0.10	21.8
308248	< 0.01	< 0.5	1.3	< 0.05	24.5
308249	< 0.01	< 0.5	1.0	< 0.05	29.3
308250	< 0.01	< 0.5	0.6	< 0.05	23.3
308951	< 0.01	< 0.5	1.4	0.05	25.7
308952	< 0.01	< 0.5	1.9	0.09	27.6
308953	< 0.01	< 0.5	2.3	0.13	26.8
308954	< 0.01	< 0.5	5.1	0.24	5.86
308955	< 0.01	< 0.5	1.7	0.05	24.5
308956	< 0.01	< 0.5	0.5	< 0.05	30.7
308957	< 0.01	< 0.5	1.9	0.08	24.7
308958	< 0.01	< 0.5	1.6	0.07	27.8
308959	< 0.01	< 0.5	1.8	0.09	29.0
308960	< 0.01	< 0.5	1.2	0.06	29.5
308961	< 0.01	< 0.5	1.1	< 0.05	31.3
308962	< 0.01	< 0.5	1.5	0.08	29.7
308963	< 0.01	< 0.5	1.5	0.06	28.0
308964	< 0.01	< 0.5	1.3	0.06	29.8
308965	< 0.01	< 0.5	1.1	0.07	28.2
308966	< 0.01	< 0.5	1.5	0.09	26.1
308967	< 0.01	< 0.5	1.3	0.07	5.01
308968	< 0.01	< 0.5	1.6	0.07	29.9

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
308969	< 0.01	< 0.5	1.1	0.05	29.0
307927	< 0.01	< 0.5	1.5	0.11	23.4
307928	< 0.01	< 0.5	2.0	0.10	19.3
307929	< 0.01	< 0.5	0.9	0.06	24.7
307930	< 0.01	< 0.5	1.8	0.10	22.9
307931	< 0.01	< 0.5	1.7	0.05	29.0
307932	< 0.01	< 0.5	1.4	0.09	29.1
307933	< 0.01	< 0.5	2.0	0.15	28.5
307934	< 0.01	< 0.5	1.4	0.13	27.6
307935	< 0.01	< 0.5	0.9	< 0.05	23.2
307936	< 0.01	< 0.5	1.3	0.09	30.9
307937	< 0.01	< 0.5	0.7	< 0.05	23.6
307938	< 0.01	< 0.5	1.2	0.07	27.8
307939	< 0.01	< 0.5	1.3	0.08	24.7
307940	< 0.01	< 0.5	1.1	< 0.05	27.3
307941	< 0.01	< 0.5	1.3	0.07	26.4
307942	< 0.01	< 0.5	1.9	0.11	21.5
307943	< 0.01	< 0.5	2.4	0.12	24.7
307944	< 0.01	< 0.5	1.6	0.08	23.6
307945	< 0.01	< 0.5	1.4	0.06	22.9
307946	< 0.01	< 0.5	1.8	0.10	22.1
307947	< 0.01	< 0.5	1.4	0.07	30.0
307948	< 0.01	< 0.5	1.8	0.10	27.2
307949	< 0.01	< 0.5	1.5	0.08	27.8
307950	< 0.01	< 0.5	1.0	0.08	23.8
307642	< 0.01	< 0.5	1.3	0.10	22.5
307643	< 0.01	< 0.5	1.3	0.12	30.6
307644	< 0.01	< 0.5	1.7	0.15	25.0
307645	< 0.01	< 0.5	1.8	0.10	6.53
307646	< 0.01	< 0.5	0.9	0.06	25.2
307647	< 0.01	< 0.5	3.1	0.24	5.82
307648	< 0.01	2.1	2.8	0.26	32.2
307649	< 0.01	< 0.5	1.3	0.09	29.1
307650	< 0.01	< 0.5	2.1	0.09	30.8
309101	< 0.01	< 0.5	1.8	0.13	27.0
309102	< 0.01	< 0.5	1.4	0.10	25.5
309103	< 0.01	< 0.5	1.4	0.06	24.5
309104	< 0.01	< 0.5	1.4	0.09	20.7
309105	< 0.01	< 0.5	1.7	0.13	25.4
309106	< 0.01	< 0.5	0.8	< 0.05	22.7
309107	< 0.01	< 0.5	1.3	0.11	23.9
309108	< 0.01	< 0.5	2.6	0.20	25.2
309109	< 0.01	< 0.5	0.5	< 0.05	40.7
309110	< 0.01	< 0.5	2.3	0.10	22.3
309111	< 0.01	< 0.5	2.1	0.09	5.60
309112	< 0.01	< 0.5	1.7	0.07	28.0
309113	< 0.01	< 0.5	1.6	0.06	23.5
309114	< 0.01	< 0.5	1.3	0.08	37.4
309115	< 0.01	< 0.5	1.6	< 0.05	24.2
309116	< 0.01	< 0.5	1.1	< 0.05	31.1

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
309117	< 0.01	< 0.5	1.1	< 0.05	28.7
309118	< 0.01	< 0.5	1.8	0.09	6.13
309119	< 0.01	< 0.5	0.7	< 0.05	25.9
309120	< 0.01	< 0.5	1.7	0.08	22.8
309121	< 0.01	< 0.5	1.7	0.17	23.5
309122	< 0.01	< 0.5	0.9	0.08	36.1
309123	< 0.01	< 0.5	1.6	0.07	25.5
309124	< 0.01	< 0.5	1.1	< 0.05	6.06
309125	< 0.01	< 0.5	0.6	0.06	32.5
309126	0.05	< 0.5	1.3	0.09	25.0
309127	0.02	< 0.5	0.6	0.06	33.8
309128	< 0.01	< 0.5	0.9	< 0.05	7.14
309129	< 0.01	< 0.5	1.1	< 0.05	5.77
309130	< 0.01	< 0.5	4.8	0.41	23.0
309131	< 0.01	< 0.5	1.2	0.07	6.44
FAV2015-001-F	< 0.01	< 0.5	0.9	0.07	39.4
FAV2015-002-F	< 0.01	< 0.5	1.5	0.07	36.5
FAV2015-003-F	< 0.01	< 0.5	1.1	0.08	42.0
FAV2015-004-F	< 0.01	< 0.5	1.3	0.11	43.4
FAV2015-005-F	< 0.01	< 0.5	2.2	0.16	26.3
FAV2015-006-F	< 0.01	< 0.5	1.6	0.08	35.5
FAV2015-007-F	< 0.01	< 0.5	4.0	0.25	39.4
FAV2015-008-F	< 0.01	< 0.5	2.8	0.30	34.9
308970	< 0.01	< 0.5	1.0	0.11	30.6
308971	< 0.01	< 0.5	0.9	0.17	32.0
308972	< 0.01	< 0.5	1.1	0.14	26.2
308973	< 0.01	< 0.5	2.5	0.14	5.57
308974	< 0.01	< 0.5	1.3	0.08	27.6
308975	< 0.01	< 0.5	2.0	0.24	20.0
308976	< 0.01	< 0.5	< 0.2	0.20	16.0
308977	< 0.01	< 0.5	1.6	0.13	26.7
308978	< 0.01	< 0.5	1.1	0.32	30.8
308979	< 0.01	< 0.5	1.3	0.21	29.1
308980	< 0.01	< 0.5	1.0	0.35	32.0
308981	< 0.01	< 0.5	0.7	0.24	30.6
308982	< 0.01	< 0.5	1.4	0.15	5.44
308983	< 0.01	< 0.5	0.7	0.17	31.2
308984	< 0.01	< 0.5	< 0.2	< 0.05	3.59
308985	< 0.01	< 0.5	1.1	< 0.05	6.83
308986	< 0.01	< 0.5	1.7	0.43	23.4
308987	< 0.01	< 0.5	1.0	0.13	28.8
308988	< 0.01	< 0.5	1.1	0.17	29.7
308989	< 0.01	1.0	3.2	0.71	22.6
308990	< 0.01	< 0.5	1.3	0.11	24.2
308501	< 0.01	< 0.5	3.7	0.56	20.9
308502	< 0.01	< 0.5	2.7	0.46	26.5
308503	< 0.01	< 0.5	2.9	0.80	23.4
308504	< 0.01	< 0.5	1.9	0.40	19.4
308505	< 0.01	< 0.5	2.4	0.53	23.6
308506	< 0.01	< 0.5	1.0	0.16	30.3

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
308507	< 0.01	< 0.5	4.0	0.78	25.3
308508	< 0.01	< 0.5	1.8	0.37	21.0
308509	< 0.01	< 0.5	2.2	0.14	5.92
308510	< 0.01	< 0.5	1.4	0.22	33.2
308511	< 0.01	< 0.5	1.3	0.32	29.3
308512	< 0.01	< 0.5	1.1	0.19	26.6
308513	< 0.01	< 0.5	1.9	0.30	17.3

QC

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas		31.9		1090	2.6	17	754	42		772		0.26	2.24			1	1380		0.91				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-1 Meas		30.5		1050	3.0	16	712	41		734		0.24	2.18			1	1320		0.89				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-4 Meas		3.1		5640	0.4	313	40	39		68		1.78	6.18			2	17		1.03				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-4 Meas		2.9		5460	0.3	304	40	33		67		1.69	5.91			2	19		1.00				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-6 Meas		0.4		66	0.3	1	96	26		131		0.02	13.1			1	< 2		0.20				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
DNC-1a Meas				98			< 3	249		60													
DNC-1a Cert				100.00			6.3	247		70.0													
DNC-1a Meas				94			< 3	241		59													
DNC-1a Cert				100.00			6.3	247		70.0													
SBC-1 Meas				31	0.6	2	29	81		179						3	< 2						
SBC-1 Cert				31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70						
SBC-1 Meas				28	0.4	3	27	75		168						3	< 2						
SBC-1 Cert				31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70						
SdAR-M2 (U.S.G.S.) Meas				210	5.2	11	789	48		743						7	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13.3	808	48.8		760						6.6	1.05						
SdAR-M2 (U.S.G.S.) Meas				198	5.0	11	750	44		705						7	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13.3	808	48.8		760						6.6	1.05						
DMMAS 118 Meas	1790													1710	1090					45	81		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1710													1750	1250					46	85		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1610													1700	1160					45	83		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1690													1740	1010					46	77		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1630													1760	1160					46	75		
DMMAS 118 Cert	1729													1661	1264					45	83		
DMMAS 118 Meas	1730													1730	1200					45	87		
DMMAS 118 Cert	1729													1661	1264					45	83		
308826 Orig		0.8		47	1.2	1	22	14		34		0.05	0.37			2	3		0.14				
308826 Dup		< 0.3		47	1.4	< 1	19	17		43		0.05	0.35			2	3		0.14				
308827 Orig		> 100		189	1.5	6	> 5000	23		1300		3.04	2.61			< 1	10		0.34				
308827 Dup		> 100		187	2.0	6	> 5000	26		1320		3.04	2.62			< 1	11		0.34				
308666 Orig		0.6		68	< 0.3	2	30	39		103		0.04	6.64			1	< 2		0.84				
308666 Dup		0.7		68	< 0.3	1	27	39		100		0.04	6.77			1	< 2		0.85				
308696 Orig		< 0.3		154	0.9	< 1	15	81		90		0.13	4.85			< 1	< 2		2.43				
308696 Dup		0.3		154	0.8	1	11	82		87		0.12	4.82			< 1	< 2		2.33				
308091 Orig	< 2		< 5						< 20		< 50			11.4	< 50			20.1		15	29	< 1	0.6
308091 Dup	< 2		< 5						< 20		< 50			11.3	< 50			20.3		16	34	< 1	0.6
308099 Orig		0.4		35	1.2	2	22	26		72		0.04	1.07			< 1	3		1.50				
308099 Dup		0.4		33	1.0	< 1	23	25		77		0.04	1.02			< 1	3		1.43				

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
308238 Orig		< 0.3		24	1.0	< 1	14	27		22		0.05	1.61			2	< 2		1.21				
308238 Dup		< 0.3		27	0.9	< 1	12	27		23		0.05	1.68			2	< 2		1.24				
308956 Orig		0.8		51	< 0.3	14	24	22		134		0.04	5.84			1	< 2		0.85				
308956 Dup		0.5		53	< 0.3	14	27	23		129		0.04	5.98			1	< 2		0.85				
307937 Orig		< 0.3		16	0.6	< 1	13	14		22		0.08	0.66			1	< 2		1.23				
307937 Dup		< 0.3		28	1.3	< 1	13	12		23		0.08	0.66			1	< 2		1.24				
307940 Orig		< 0.3		35	0.5	< 1	13	24		24		0.10	1.10			1	< 2		8.12				
307940 Dup		< 0.3		36	0.5	< 1	11	27		22		0.10	1.09			1	2		8.16				
309129 Orig		< 0.3		13	0.6	< 1	12	14		21		0.03	0.69			1	< 2		2.84				
309129 Dup		< 0.3		7	0.7	< 1	9	11		19		0.03	0.68			1	< 2		2.71				
308972 Orig		1.0		67	0.9	21	24	55		135		0.03	5.49			1	< 2		0.98				
308972 Dup		1.0		65	1.0	20	25	53		134		0.02	5.34			1	< 2		0.96				
308974 Orig		1.0		40	0.5	7	13	30		156		0.04	6.36			1	< 2		1.27				
308974 Dup		1.0		80	0.5	5	17	30		162		0.04	6.38			1	< 2		1.30				
308984 Orig		4.8		191	0.7	10	160	15		53		0.28	2.10			< 1	< 2		0.17				
308984 Dup		4.8		189	1.2	13	156	15		47		0.27	2.11			< 1	< 2		0.18				
Method Blank		< 0.3		3	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		2	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2

QC

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
GXR-1 Meas					0.06	9	0.21	926		0.061					298		0.03			86		34	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-1 Meas					0.07	9	0.22	905		0.060					287		0.03			83		33	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-4 Meas					2.74	11	1.68	163		0.123					208		0.29			82		16	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
GXR-4 Meas					2.59	11	1.63	165		0.125					202		0.28			80		15	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
GXR-6 Meas					2.16	35	0.65	1080		0.038					43					139		15	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
DNC-1a Meas						5									143		0.32			147		19	
DNC-1a Cert						5.20									144.0		0.29			148.0000		18.0	
DNC-1a Meas						5									138		0.31			143		18	
DNC-1a Cert						5.20									144.0		0.29			148.0000		18.0	
SBC-1 Meas						167									180		0.49			202		37	
SBC-1 Cert						163.0									178.0		0.51			220.0		36.5	
SBC-1 Meas						157									171		0.51			193		36	
SBC-1 Cert						163.0									178.0		0.51			220.0		36.5	
SdAR-M2 (U.S.G.S.) Meas						17									142					24		29	
SdAR-M2 (U.S.G.S.) Cert						17.9									144					25.2		32.7	

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
SdAR-M2 (U.S.G.S.) Meas						16									129					23		25	
SdAR-M2 (U.S.G.S.) Cert						17.9									144					25.2		32.7	
DMMAS 118 Meas	3.43								2.15			6.1	6.0						16.8				16.7
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.41								2.22			7.1	6.1						16.1				16.4
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.44								2.19			6.9	6.0						16.9				16.3
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.32								2.20			6.3	6.3						15.3				17.4
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.38								2.16			6.5	6.3						14.5				16.4
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
DMMAS 118 Meas	3.36								2.16			6.8	6.1						16.1				17.8
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
308826 Orig					0.06	2	0.44	14700		0.041					26		0.02			34		23	
308826 Dup					0.06	2	0.44	14700		0.041					25		0.02			37		24	
308827 Orig					0.98	7	0.54	295		0.083					44		0.21			105		5	
308827 Dup					1.04	7	0.55	269		0.083					44		0.21			104		5	
308666 Orig					2.01	30	0.97	1390		0.063					168		0.33			77		13	
308666 Dup					2.08	30	0.98	1460		0.064					171		0.33			78		13	
308696 Orig					0.28	25	2.27	2270		0.145					88		0.35			272		16	
308696 Dup					0.28	25	2.21	2270		0.141					87		0.35			268		16	
308091 Orig	20.7	2	< 1	< 5					0.18		< 15	< 0.1	3.6	< 3		< 0.5		2.7	< 0.5		< 1		10.9
308091 Dup	21.0	2	< 1	< 5					0.18		< 15	< 0.1	3.7	< 3		< 0.5		2.8	< 0.5		< 1		11.3
308099 Orig					0.29	4	0.83	13300		0.057					67		0.06			49		13	
308099 Dup					0.28	4	0.79	12700		0.055					65		0.05			47		13	
308238 Orig					0.44	6	0.83	15200		0.069					36		0.14			75		13	
308238 Dup					0.47	7	0.87	15300		0.071					38		0.14			79		13	
308956 Orig					1.50	10	0.58	299		0.086					196		0.34			103		7	
308956 Dup					1.68	10	0.59	299		0.078					200		0.33			102		8	
307937 Orig					0.12	2	0.50	13100		0.096					28		0.06			32		14	
307937 Dup					0.13	2	0.51	13400		0.096					28		0.06			31		15	
307940 Orig					0.41	7	2.93	14700		0.095					54		0.14			90		12	
307940 Dup					0.42	7	2.96	14700		0.096					54		0.14			90		12	
309129 Orig					0.12	10	1.34	5470		0.042					42		0.07			41		16	
309129 Dup					0.12	10	1.28	5220		0.040					40		0.06			39		15	
308972 Orig					1.93	12	0.50	515		0.066					176		0.30			121		10	
308972 Dup					1.84	12	0.49	528		0.064					172		0.29			118		9	
308974 Orig					1.54	16	0.67	918		0.073					237		0.28			73		12	
308974 Dup					1.86	16	0.66	928		0.073					238		0.28			72		12	
308984 Orig					0.75	4	0.19	204		0.187					29		0.14			59		6	
308984 Dup					0.75	4	0.19	208		0.186					33		0.15			63		6	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5

QC

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas								
GXR-1 Cert								
GXR-1 Meas								
GXR-1 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-6 Meas								
GXR-6 Cert								
DNC-1a Meas								
DNC-1a Cert								
DNC-1a Meas								
DNC-1a Cert								
SBC-1 Meas								
SBC-1 Cert								
SBC-1 Meas								
SBC-1 Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
DMMAS 118 Meas	29		2.4					
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	30		2.4					
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	28		2.3					
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	30		2.1					
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	28		2.3					
DMMAS 118 Cert	30		2.2					
DMMAS 118 Meas	29		2.0					
DMMAS 118 Cert	30		2.2					
308826 Orig								
308826 Dup								
308827 Orig								
308827 Dup								
308666 Orig								
308666 Dup								
308696 Orig								
308696 Dup								
308091 Orig	25	13	1.7	< 0.01	< 0.5	1.2	0.05	23.5

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
308091 Dup	22	11	1.8	< 0.01	< 0.5	1.2	0.05	20.6
308099 Orig								
308099 Dup								
308238 Orig								
308238 Dup								
308956 Orig								
308956 Dup								
307937 Orig								
307937 Dup								
307940 Orig								
307940 Dup								
309129 Orig								
309129 Dup								
308972 Orig								
308972 Dup								
308974 Orig								
308974 Dup								
308984 Orig								
308984 Dup								
Method Blank								
Method Blank								
Method Blank								
Method Blank	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	30.0
Method Blank	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	10.0

2014 – CERTIFICATES: Osisko

2014 – Prospection : Osisko

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2014
Compte: MINVIR

CERTIFICAT VO14137096

Projet: KAN

Ce rapport s'applique aux 77 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- SEPT- 2014.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP41	Aqua regia ICP- AES 35 éléments	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: MINES VIRGINIA INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137096

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
378501		0.69	0.074	<0.2	0.06	<2	<10	<10	<0.5	2	3.76	<0.5	4	6	10	5.97
378502		0.95	<0.005	<0.2	0.12	<2	<10	10	<0.5	3	13.4	0.7	2	1	1	15.3
378503		0.83	<0.005	<0.2	0.04	2	<10	<10	<0.5	<2	5.03	<0.5	<1	4	<1	9.91
378504		0.44	<0.005	<0.2	0.01	<2	<10	<10	<0.5	<2	0.05	<0.5	1	15	<1	0.45
378505		0.57	<0.005	<0.2	0.46	<2	<10	10	<0.5	3	13.8	<0.5	2	8	<1	16.3
378506		0.52	0.057	<0.2	0.23	<2	<10	<10	<0.5	3	2.20	<0.5	10	15	14	13.35
378507		0.60	<0.005	<0.2	0.11	23	<10	10	<0.5	<2	6.36	<0.5	3	7	<1	15.8
378508		0.94	0.013	<0.2	1.75	2	<10	<10	0.8	5	1.01	<0.5	14	31	17	28.8
378509		0.53	<0.005	<0.2	0.03	<2	<10	<10	<0.5	<2	1.26	<0.5	1	17	8	5.69
378510		0.43	0.051	<0.2	0.02	<2	<10	<10	<0.5	2	0.21	<0.5	1	10	<1	2.89
378511		0.58	0.078	0.9	0.29	5	<10	20	<0.5	3	0.01	<0.5	<1	4	1	0.45
378512		0.43	0.057	<0.2	0.38	4	<10	10	<0.5	3	1.72	<0.5	<1	7	17	23.9
378513		0.47	0.017	0.2	0.30	<2	<10	30	<0.5	<2	0.01	<0.5	<1	7	2	0.64
378514		1.01	0.104	<0.2	0.23	<2	<10	10	<0.5	3	2.77	<0.5	3	12	19	9.23
378515		1.32	<0.005	<0.2	1.64	4	<10	10	<0.5	3	1.09	<0.5	4	42	23	23.3
378516		1.00	0.039	<0.2	0.07	4	<10	<10	<0.5	7	1.62	<0.5	4	2	<1	28.3
378517		0.63	4.26	2.5	0.02	<2	<10	<10	<0.5	<2	0.35	<0.5	3	8	4	1.88
378518		0.88	5.21	1.0	0.03	<2	<10	<10	<0.5	<2	0.14	<0.5	2	16	2	2.28
378519		1.39	1.325	<0.2	0.15	<2	<10	<10	<0.5	<2	0.65	<0.5	3	9	2	6.84
378520		0.58	0.356	<0.2	0.08	<2	<10	<10	<0.5	<2	4.01	<0.5	<1	9	<1	8.15
378521		0.98	0.007	<0.2	0.40	3	<10	30	<0.5	<2	1.29	<0.5	3	10	3	21.9
378522		0.76	0.012	<0.2	0.13	<2	<10	10	<0.5	<2	7.05	<0.5	1	4	1	10.85
378523		0.81	0.067	<0.2	0.11	<2	<10	10	<0.5	<2	0.44	<0.5	5	21	3	3.30
378524		0.90	0.010	<0.2	0.03	<2	<10	<10	<0.5	2	0.53	<0.5	2	22	3	2.62
378525		0.08	0.579	1.0	1.55	100	<10	60	0.8	3	0.75	2.4	21	54	73	4.92
378526		0.85	<0.005	<0.2	0.24	21	<10	10	1.0	3	9.8	0.5	5	8	2	17.8
378527		0.87	0.007	<0.2	0.05	2	<10	<10	<0.5	2	0.29	<0.5	1	12	5	2.97
378528		1.04	0.144	0.6	1.95	2	<10	10	<0.5	5	0.16	<0.5	16	1	135	36.6
378529		0.96	0.023	<0.2	1.64	3	<10	<10	<0.5	3	0.07	<0.5	11	3	88	16.8
378530		0.62	0.023	<0.2	3.23	2	<10	<10	<0.5	3	0.01	<0.5	<1	5	61	14.8
378531		0.77	0.006	<0.2	0.86	3	<10	20	<0.5	2	0.07	<0.5	4	17	79	23.1
378532		0.89	0.024	<0.2	0.03	<2	<10	<10	<0.5	<2	0.02	<0.5	<1	11	9	2.93
378533		1.13	0.010	<0.2	0.27	5	<10	30	<0.5	3	0.74	0.5	4	5	2	29.0
378534		1.17	0.119	<0.2	0.14	4	<10	10	<0.5	2	2.48	<0.5	3	5	9	18.1
378535		0.68	<0.005	<0.2	0.91	<2	<10	<10	<0.5	<2	0.01	<0.5	<1	8	1	4.19
378536		0.77	0.235	<0.2	0.60	3	<10	30	<0.5	3	0.35	<0.5	1	12	12	26.0
378537		0.67	1.240	0.9	1.01	5	<10	40	<0.5	5	0.10	<0.5	17	20	147	30.4
378538		0.79	0.035	<0.2	0.24	<2	<10	<10	<0.5	<2	1.22	<0.5	3	7	39	8.27
378539		1.00	0.462	<0.2	0.34	4	<10	10	<0.5	3	2.56	0.8	1	7	35	18.1
378540		0.75	0.006	<0.2	0.14	4	<10	20	<0.5	5	0.36	0.5	2	5	9	29.2

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ALS Canada Ltd.
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À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137096

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
378501		<10	1	0.01	<10	1.61	2020	<1	<0.01	<1	50	<2	0.53	<2	<1	63
378502		<10	2	0.01	<10	5.95	5600	<1	0.01	<1	80	7	0.07	<2	<1	204
378503		<10	1	<0.01	<10	2.43	2790	<1	<0.01	<1	110	2	0.03	<2	<1	38
378504		<10	1	<0.01	<10	0.02	112	<1	<0.01	1	20	<2	0.01	<2	<1	1
378505		<10	1	0.01	10	5.73	8550	1	0.01	5	540	9	0.02	<2	1	327
378506		<10	1	0.01	<10	1.20	9330	<1	<0.01	16	350	3	0.15	<2	1	28
378507		<10	1	0.02	<10	3.69	3830	<1	0.01	<1	150	3	0.02	<2	<1	54
378508		<10	2	0.01	10	3.68	23700	<1	<0.01	19	1030	7	0.18	<2	5	23
378509		<10	1	0.01	<10	0.77	1780	<1	<0.01	<1	50	2	<0.01	<2	<1	12
378510		<10	1	<0.01	<10	0.11	1085	<1	<0.01	1	250	<2	<0.01	<2	<1	2
378511		<10	2	0.21	40	0.02	56	1	0.01	1	50	4	0.31	10	<1	2
378512		<10	2	<0.01	<10	1.84	5620	<1	<0.01	7	250	6	0.52	<2	1	19
378513		<10	1	0.22	30	0.02	36	6	0.01	1	60	<2	0.95	3	1	2
378514		<10	2	0.02	<10	1.28	4580	<1	<0.01	3	230	4	1.44	2	1	52
378515		<10	2	0.08	10	2.22	9500	<1	<0.01	6	1050	11	1.15	<2	4	20
378516		<10	2	0.01	<10	3.22	5620	<1	<0.01	<1	110	5	0.07	<2	<1	30
378517		<10	1	<0.01	<10	0.14	330	<1	0.01	<1	<10	<2	0.50	<2	<1	10
378518		<10	1	<0.01	<10	0.10	391	<1	0.01	1	20	<2	0.45	<2	<1	3
378519		<10	1	0.01	<10	0.75	1430	<1	0.01	<1	50	<2	0.47	<2	<1	15
378520		<10	1	<0.01	<10	1.62	2460	<1	<0.01	<1	20	3	0.03	<2	<1	60
378521		<10	2	0.09	<10	2.26	5610	<1	0.01	2	170	4	0.44	<2	1	13
378522		<10	2	0.01	<10	3.19	3280	<1	0.01	<1	20	4	0.13	<2	<1	82
378523		<10	2	0.01	<10	0.23	464	<1	0.01	3	20	<2	0.81	<2	<1	7
378524		<10	1	0.01	<10	0.20	546	<1	<0.01	1	40	<2	0.27	<2	<1	10
378525		10	1	0.32	10	1.64	441	<1	0.56	85	1040	114	2.26	2	1	185
378526		<10	1	0.03	<10	4.65	6670	<1	0.01	<1	160	6	0.06	<2	1	55
378527		<10	1	0.03	<10	0.15	654	<1	0.01	1	10	<2	0.36	<2	<1	5
378528		<10	2	0.01	<10	1.23	3820	<1	<0.01	17	<10	6	8.26	<2	2	1
378529		10	<1	0.01	<10	0.85	480	<1	<0.01	23	20	5	8.11	<2	2	1
378530		10	1	0.01	<10	1.66	732	<1	<0.01	1	140	4	0.31	<2	3	1
378531		<10	1	0.12	<10	0.97	3750	<1	0.01	10	340	7	0.78	<2	2	2
378532		<10	<1	0.01	<10	0.03	425	<1	<0.01	4	30	2	0.28	<2	<1	1
378533		<10	2	0.15	<10	2.04	10400	<1	0.01	2	170	7	0.24	<2	1	9
378534		<10	1	0.06	<10	1.23	6370	<1	<0.01	<1	300	6	0.39	<2	1	40
378535		<10	<1	<0.01	<10	0.27	478	<1	<0.01	<1	20	<2	0.07	<2	1	1
378536		<10	1	0.14	10	1.34	8110	<1	<0.01	5	350	7	0.45	<2	1	7
378537		<10	1	0.16	<10	0.94	4740	<1	<0.01	29	480	12	2.84	<2	2	3
378538		<10	1	0.02	<10	0.42	2550	<1	<0.01	6	260	4	2.21	<2	1	27
378539		<10	<1	0.07	<10	1.73	6650	<1	0.01	5	440	6	2.80	<2	1	51
378540		<10	<1	0.07	<10	1.48	11600	<1	<0.01	<1	320	6	0.71	<2	<1	5

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Finalisée date: 29- SEPT- 2014
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Projet: KAN

CERTIFICAT D'ANALYSE VO14137096

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378501		<20	<0.01	<10	<10	4	<10	13	<10
378502		<20	<0.01	<10	<10	9	<10	31	<10
378503		<20	<0.01	<10	<10	5	<10	8	<10
378504		<20	<0.01	<10	<10	<1	<10	<2	<10
378505		<20	<0.01	<10	<10	30	<10	35	<10
378506		<20	0.01	<10	<10	12	<10	11	<10
378507		<20	<0.01	<10	<10	9	<10	4	<10
378508		<20	0.03	<10	<10	162	<10	21	<10
378509		<20	<0.01	<10	<10	5	<10	8	<10
378510		<20	<0.01	<10	<10	2	<10	<2	<10
378511		<20	<0.01	<10	<10	10	<10	2	<10
378512		<20	<0.01	<10	<10	50	<10	25	<10
378513		<20	<0.01	<10	<10	10	<10	2	<10
378514		<20	0.01	<10	<10	22	<10	12	<10
378515		<20	0.04	<10	<10	93	<10	40	<10
378516		<20	<0.01	<10	<10	13	<10	7	<10
378517		<20	<0.01	<10	<10	2	<10	14	<10
378518		<20	<0.01	<10	<10	2	<10	10	<10
378519		<20	<0.01	<10	<10	12	<10	11	<10
378520		<20	<0.01	<10	<10	9	<10	4	<10
378521		<20	0.02	<10	<10	40	<10	9	<10
378522		<20	<0.01	<10	<10	8	<10	8	<10
378523		<20	<0.01	<10	<10	9	<10	56	<10
378524		<20	<0.01	<10	<10	5	<10	18	<10
378525		<20	0.42	<10	<10	55	<10	200	<10
378526		<20	<0.01	<10	<10	32	<10	2	<10
378527		<20	<0.01	<10	<10	2	<10	22	<10
378528		<20	<0.01	<10	<10	49	<10	114	<10
378529		<20	<0.01	<10	<10	54	<10	78	<10
378530		<20	0.01	<10	<10	123	<10	137	<10
378531		<20	0.01	<10	<10	67	<10	120	<10
378532		<20	<0.01	<10	<10	3	<10	9	<10
378533		<20	<0.01	<10	<10	9	<10	98	<10
378534		<20	<0.01	<10	<10	4	<10	97	<10
378535		<20	<0.01	<10	<10	56	<10	56	<10
378536		<20	0.02	<10	<10	20	<10	174	<10
378537		<20	0.03	10	<10	106	<10	135	<10
378538		<20	<0.01	<10	<10	13	<10	22	<10
378539		<20	0.01	<10	<10	19	<10	100	<10
378540		<20	<0.01	<10	<10	14	<10	62	<10

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Projet: KAN

CERTIFICAT D'ANALYSE VO14137096

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
378541		0.63	0.008	0.2	0.01	3	<10	<10	<0.5	<2	0.02	<0.5	3	7	17	7.99
378542		0.66	<0.005	<0.2	0.90	5	<10	30	0.9	<2	0.33	<0.5	14	4	102	32.4
378543		1.01	0.016	<0.2	0.04	3	<10	10	0.9	3	5.69	0.6	<1	5	2	16.7
378544		0.58	0.753	<0.2	0.09	2	<10	10	<0.5	<2	0.58	<0.5	1	7	7	4.93
378545		0.74	0.017	<0.2	0.27	3	<10	30	<0.5	5	0.37	<0.5	4	4	24	30.7
378546		0.56	0.017	<0.2	0.55	3	<10	10	<0.5	<2	1.10	<0.5	6	8	64	15.9
378547		0.74	0.612	<0.2	0.18	2	<10	10	<0.5	2	0.26	<0.5	8	6	79	16.5
378548		0.57	0.011	<0.2	0.23	4	<10	20	1.2	7	0.42	<0.5	<1	3	7	26.7
378549		0.57	2.09	<0.2	0.04	3	<10	10	0.8	4	1.79	<0.5	<1	2	7	24.0
378550		0.10	0.553	0.8	1.44	96	<10	50	0.7	3	0.72	2.3	20	50	72	4.94
378551		1.31	3.82	<0.2	0.05	3	<10	10	<0.5	<2	3.27	<0.5	1	5	4	6.91
378552		0.80	0.448	<0.2	0.01	2	<10	<10	<0.5	<2	0.66	<0.5	<1	12	3	1.38
378553		0.64	<0.005	<0.2	<0.01	<2	<10	<10	<0.5	<2	0.03	<0.5	<1	8	<1	1.40
378554		0.79	<0.005	<0.2	<0.01	<2	<10	<10	<0.5	<2	2.10	<0.5	<1	12	<1	2.13
378555		0.60	0.079	<0.2	0.04	2	<10	<10	<0.5	<2	1.09	<0.5	1	12	8	3.16
378556		0.47	<0.005	<0.2	0.81	3	<10	<10	<0.5	<2	0.03	<0.5	2	25	25	4.58
378557		0.54	<0.005	<0.2	0.01	<2	<10	<10	<0.5	<2	0.01	<0.5	<1	11	<1	0.42
378558		0.72	0.020	0.7	0.47	15	<10	20	<0.5	2	0.13	3.1	61	13	122	14.7
378559		0.64	<0.005	<0.2	0.09	2	<10	<10	0.6	<2	5.72	<0.5	3	5	2	8.08
378560		0.61	0.041	1.3	0.95	3	<10	10	<0.5	3	2.01	12.4	15	18	159	17.6
378561		0.70	<0.005	<0.2	0.03	3	<10	<10	<0.5	<2	0.02	<0.5	1	9	18	2.06
378562		0.74	<0.005	<0.2	0.01	<2	<10	<10	<0.5	<2	0.06	<0.5	<1	9	1	3.61
378563		0.97	<0.005	<0.2	0.15	4	<10	<10	<0.5	4	0.98	<0.5	2	2	4	29.6
378564		0.87	0.013	0.2	0.28	5	<10	<10	<0.5	<2	0.36	<0.5	3	25	44	4.77
378565		0.96	<0.005	<0.2	0.05	2	<10	10	<0.5	<2	0.68	0.6	15	7	44	16.5
378566		0.77	<0.005	<0.2	0.63	12	<10	<10	<0.5	<2	0.02	<0.5	1	11	24	2.76
378567		0.72	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	10	6	1.43
378568		0.51	0.221	<0.2	0.02	<2	<10	<10	<0.5	<2	0.26	<0.5	3	11	12	3.09
378569		0.89	0.015	<0.2	0.05	4	<10	10	<0.5	<2	0.70	<0.5	2	10	12	4.72
378570		0.80	0.013	<0.2	0.07	<2	<10	<10	<0.5	<2	0.25	<0.5	1	9	6	3.13
378571		0.86	<0.005	<0.2	0.06	<2	<10	<10	<0.5	<2	5.43	1.6	3	10	9	2.75
378572		0.73	<0.005	<0.2	<0.01	<2	<10	<10	<0.5	<2	0.13	<0.5	<1	11	1	0.96
378573		0.79	<0.005	<0.2	0.50	<2	<10	<10	<0.5	<2	3.70	<0.5	4	11	6	11.60
378574		0.67	0.006	0.4	0.05	5	<10	10	<0.5	<2	0.04	<0.5	<1	9	3	0.75
378575		0.07	0.544	0.9	1.45	97	<10	50	0.7	<2	0.70	2.1	21	50	73	4.93
378576		0.80	<0.005	<0.2	0.01	<2	<10	<10	<0.5	<2	0.13	<0.5	3	9	<1	7.67
378577		0.68	<0.005	0.2	0.05	<2	<10	<10	<0.5	<2	0.02	<0.5	3	12	54	1.59

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CERTIFICAT D'ANALYSE VO14137096

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
378541		<10	1	<0.01	<10	0.05	1020	<1	0.01	15	10	<2	3.31	<2	<1	1
378542		<10	1	0.33	<10	0.70	2700	<1	0.01	52	220	10	>10.0	<2	1	7
378543		<10	1	0.02	<10	1.16	9640	<1	<0.01	1	560	6	0.22	<2	<1	99
378544		<10	<1	0.01	<10	0.14	1625	<1	<0.01	7	170	2	1.10	<2	<1	14
378545		<10	1	0.15	<10	1.26	8430	<1	0.01	12	130	9	2.65	<2	1	5
378546		<10	1	0.02	10	0.46	3590	3	<0.01	24	350	10	3.89	<2	1	27
378547		<10	<1	0.02	<10	0.13	2030	<1	0.01	56	190	3	6.39	<2	<1	8
378548		<10	<1	0.09	<10	0.53	10950	<1	<0.01	<1	290	8	0.36	<2	1	10
378549		<10	<1	0.02	<10	1.48	10050	<1	0.01	<1	220	8	0.37	<2	<1	30
378550		<10	<1	0.33	10	1.62	431	<1	0.56	83	1010	116	2.19	<2	1	171
378551		<10	1	0.02	<10	1.01	2010	<1	0.01	1	40	3	0.13	<2	<1	67
378552		<10	<1	<0.01	<10	0.11	481	<1	<0.01	<1	50	<2	0.05	<2	<1	12
378553		<10	<1	<0.01	<10	0.02	406	<1	<0.01	<1	20	<2	0.01	<2	<1	1
378554		<10	<1	<0.01	<10	0.46	863	<1	0.01	<1	440	<2	0.01	<2	<1	44
378555		<10	1	0.01	<10	0.33	827	<1	<0.01	<1	420	<2	0.58	<2	<1	17
378556		<10	<1	0.01	10	0.66	224	4	<0.01	10	80	<2	0.94	<2	1	2
378557		<10	<1	<0.01	<10	<0.01	43	<1	<0.01	1	10	<2	0.02	<2	<1	1
378558		<10	1	0.09	<10	0.28	203	24	0.01	66	260	20	>10.0	<2	1	3
378559		<10	1	0.01	<10	1.96	2900	<1	0.01	2	120	4	0.23	<2	<1	46
378560		<10	1	0.14	10	0.75	983	36	0.01	101	380	43	9.77	5	4	52
378561		<10	<1	<0.01	<10	0.02	86	<1	0.01	5	<10	<2	1.01	<2	<1	1
378562		<10	<1	<0.01	<10	0.12	1160	<1	0.01	1	80	<2	0.06	<2	<1	2
378563		<10	1	<0.01	<10	3.53	7900	<1	<0.01	<1	130	10	0.42	<2	1	18
378564		<10	<1	0.01	10	0.35	411	8	<0.01	10	290	2	2.31	<2	<1	12
378565		<10	1	0.04	<10	0.52	15500	<1	<0.01	17	690	4	0.75	3	1	91
378566		<10	<1	<0.01	<10	0.62	227	<1	<0.01	6	20	2	0.34	<2	1	1
378567		<10	1	<0.01	<10	0.03	90	<1	<0.01	1	20	<2	0.02	<2	<1	<1
378568		<10	<1	<0.01	<10	0.13	420	<1	<0.01	2	10	<2	0.66	<2	<1	8
378569		<10	1	0.01	<10	0.26	654	<1	<0.01	3	<10	<2	1.53	<2	<1	28
378570		<10	<1	0.01	<10	0.22	678	<1	<0.01	2	10	<2	0.60	<2	<1	9
378571		<10	<1	0.01	10	1.05	4530	<1	0.01	8	30	<2	0.05	<2	10	25
378572		<10	<1	<0.01	<10	0.02	172	<1	<0.01	1	30	<2	0.01	<2	<1	1
378573		<10	<1	<0.01	<10	2.57	2290	<1	<0.01	5	30	40	0.78	<2	<1	51
378574		<10	<1	0.05	<10	0.02	73	2	<0.01	<1	100	59	0.14	<2	<1	2
378575		10	1	0.33	10	1.62	424	1	0.56	83	1020	112	2.24	<2	1	170
378576		<10	<1	<0.01	<10	0.61	2360	<1	<0.01	6	20	<2	0.14	<2	<1	2
378577		<10	1	<0.01	<10	0.04	55	6	<0.01	12	80	<2	1.17	<2	<1	2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINES VIRGINIA INC.
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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137096

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378541		<20	<0.01	<10	<10	<1	<10	7	<10
378542		<20	<0.01	10	<10	44	<10	72	<10
378543		<20	<0.01	<10	<10	3	<10	28	<10
378544		<20	<0.01	<10	<10	5	<10	9	<10
378545		<20	0.01	<10	<10	38	<10	53	<10
378546		<20	0.01	<10	<10	47	<10	34	<10
378547		<20	<0.01	<10	<10	7	<10	12	<10
378548		<20	<0.01	<10	<10	31	<10	38	<10
378549		<20	<0.01	<10	<10	3	<10	54	<10
378550		<20	0.39	<10	<10	52	<10	202	<10
378551		<20	<0.01	<10	<10	4	<10	13	<10
378552		<20	<0.01	<10	<10	1	<10	3	<10
378553		<20	<0.01	<10	<10	1	<10	<2	<10
378554		<20	<0.01	<10	<10	1	<10	<2	<10
378555		<20	<0.01	<10	<10	2	<10	5	<10
378556		<20	<0.01	<10	<10	34	<10	39	<10
378557		<20	<0.01	<10	<10	<1	<10	<2	<10
378558		<20	<0.01	<10	<10	12	<10	423	<10
378559		<20	<0.01	<10	<10	7	<10	4	<10
378560		<20	<0.01	<10	10	27	<10	2450	<10
378561		<20	<0.01	<10	<10	1	<10	8	<10
378562		<20	<0.01	<10	<10	1	<10	6	<10
378563		<20	<0.01	10	<10	14	<10	32	<10
378564		<20	<0.01	<10	<10	8	<10	17	<10
378565		<20	<0.01	<10	<10	4	<10	48	<10
378566		<20	<0.01	<10	<10	31	<10	32	<10
378567		<20	<0.01	<10	<10	2	<10	4	<10
378568		<20	<0.01	<10	<10	2	<10	3	<10
378569		<20	<0.01	<10	<10	2	<10	5	<10
378570		<20	<0.01	<10	<10	2	<10	10	<10
378571		<20	<0.01	<10	<10	3	<10	247	<10
378572		<20	<0.01	<10	<10	<1	<10	<2	<10
378573		<20	<0.01	<10	<10	42	<10	19	<10
378574		<20	<0.01	<10	<10	2	<10	6	<10
378575		<20	0.41	<10	<10	52	<10	193	<10
378576		<20	<0.01	<10	<10	2	<10	55	<10
378577		<20	<0.01	<10	<10	4	<10	2	<10

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QUEBEC QC G1K 7R1

Finalisée date: 29- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137096

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP41

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Finalisée date: 28- SEPT- 2014
Compte: MINVIR

CERTIFICAT VO14137097

Projet: KAN

Ce rapport s'applique aux 94 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- SEPT- 2014.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP41	Aqua regia ICP- AES 35 éléments	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINES VIRGINIA INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137097

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
378401		0.56	0.009		<0.2	0.26	3	<10	10	<0.5	<2	0.04	<0.5	3	19	8
378402		0.79	0.014		0.2	0.29	141	<10	10	<0.5	<2	0.11	<0.5	6	16	38
378403		1.13	0.006		0.4	0.46	<2	<10	30	<0.5	<2	0.66	<0.5	12	11	10
378404		0.91	<0.005		<0.2	0.09	2	<10	<10	<0.5	<2	0.13	<0.5	1	18	9
378405		0.84	0.121		<0.2	0.05	2	<10	<10	<0.5	<2	0.15	<0.5	1	23	7
378406		0.93	0.006		<0.2	0.03	<2	<10	<10	<0.5	<2	3.87	<0.5	3	8	1
378407		0.68	0.005		<0.2	0.01	<2	<10	<10	<0.5	<2	0.02	<0.5	1	28	9
378408		0.90	0.018		<0.2	0.24	<2	<10	<10	<0.5	<2	1.99	0.6	10	12	7
378409		1.09	0.005		<0.2	3.76	2	<10	20	<0.5	<2	0.08	<0.5	6	6	23
378410		1.12	<0.005		<0.2	0.04	<2	<10	<10	<0.5	<2	1.68	<0.5	4	19	4
378411		0.75	0.032		1.4	0.10	203	<10	10	<0.5	<2	3.26	<0.5	13	1	170
378412		0.89	0.021		<0.2	0.02	3	<10	<10	<0.5	<2	0.32	<0.5	2	14	11
378413		0.94	0.008		<0.2	0.11	<2	<10	10	<0.5	<2	0.15	<0.5	1	26	1
378414		0.66	<0.005		<0.2	0.22	3	<10	10	<0.5	<2	0.16	<0.5	10	24	40
378415		1.55	0.017		<0.2	0.16	<2	<10	<10	<0.5	<2	0.06	<0.5	1	23	17
378416		1.42	0.773		<0.2	0.06	<2	<10	<10	<0.5	<2	0.41	<0.5	11	21	20
378417		1.09	0.564		<0.2	0.04	2	<10	<10	<0.5	<2	0.84	<0.5	4	9	6
378418		1.87	0.098		<0.2	0.13	<2	<10	10	<0.5	<2	8.1	<0.5	4	5	4
378419		0.88	<0.005		0.2	0.28	21	<10	<10	<0.5	<2	0.48	<0.5	5	18	3
378420		0.99	0.032		<0.2	0.03	<2	<10	<10	<0.5	<2	1.07	<0.5	7	6	7
378421		1.21	0.008		<0.2	0.18	<2	<10	10	<0.5	<2	0.66	<0.5	6	14	6
378422		1.06	0.115		<0.2	0.02	<2	<10	<10	<0.5	<2	0.33	<0.5	3	17	4
378423		0.97	0.037		<0.2	0.21	<2	<10	20	<0.5	<2	0.59	<0.5	1	17	3
378424		1.41	3.04		0.5	0.03	<2	<10	<10	<0.5	<2	1.87	<0.5	3	18	5
378425		0.09	0.590		1.0	1.51	99	<10	50	0.7	<2	0.76	2.4	23	53	79
378426		0.81	1.875		1.1	0.18	<2	<10	20	<0.5	<2	0.66	<0.5	4	11	9
378427		0.84	0.304		<0.2	1.19	<2	<10	<10	<0.5	<2	0.03	<0.5	3	40	11
378428		0.57	0.005		0.2	1.53	10	<10	<10	<0.5	<2	0.04	<0.5	4	30	55
378429		0.83	<0.005		<0.2	0.73	<2	<10	<10	<0.5	3	0.05	<0.5	<1	18	14
378430		0.88	<0.005		<0.2	2.00	<2	<10	10	<0.5	<2	0.39	<0.5	8	42	29
378431		0.66	<0.005		<0.2	0.04	<2	<10	<10	<0.5	<2	0.20	<0.5	3	11	28
378432		0.44	<0.005		<0.2	0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	16	9
378433		0.58	0.005		<0.2	0.01	<2	<10	<10	<0.5	<2	1.57	<0.5	7	22	17
378434		0.79	<0.005		<0.2	<0.01	<2	<10	<10	<0.5	<2	0.10	<0.5	1	20	8
378435		0.76	<0.005		<0.2	<0.01	<2	<10	<10	<0.5	<2	0.07	<0.5	3	16	11
378436		0.40	<0.005		<0.2	0.05	<2	<10	<10	<0.5	2	5.49	<0.5	1	11	4
378437		0.26	>10.0	11.80	<0.2	0.09	<2	<10	<10	<0.5	<2	0.02	<0.5	<1	14	6
378438		0.45	0.016		0.3	2.48	2	<10	160	0.7	2	0.10	<0.5	10	34	108
378439		0.67	0.006		<0.2	1.01	2	<10	20	<0.5	<2	0.17	<0.5	1	32	23
378440		0.63	0.233		<0.2	0.56	<2	<10	390	0.9	2	2.75	<0.5	12	16	24

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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plus les pages d'annexe
Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137097

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1
378401		1.53	<10	1	0.09	<10	0.14	80	<1	<0.01	7	90	3	0.14	<2	<1
378402		10.60	<10	<1	0.01	<10	0.55	3670	4	<0.01	13	210	7	0.75	<2	1
378403		32.0	<10	<1	0.13	<10	2.41	16700	6	<0.01	8	330	8	0.07	3	1
378404		1.88	<10	<1	0.01	<10	0.08	204	<1	0.01	4	10	<2	0.51	<2	<1
378405		1.80	<10	<1	0.01	<10	0.06	246	<1	0.01	1	10	<2	0.10	<2	<1
378406		6.12	<10	<1	0.01	<10	1.15	3180	1	0.01	1	280	<2	0.01	<2	<1
378407		0.82	<10	<1	<0.01	<10	0.01	70	<1	0.01	1	10	14	0.21	<2	<1
378408		23.8	<10	<1	<0.01	<10	2.66	9570	4	<0.01	4	230	8	0.13	<2	1
378409		13.10	20	<1	0.17	<10	2.78	647	3	0.01	3	30	5	0.46	<2	2
378410		9.73	<10	<1	0.02	<10	1.37	2840	2	<0.01	1	310	4	0.01	<2	<1
378411		37.2	<10	<1	0.01	<10	1.45	2500	7	<0.01	86	130	17	>10.0	<2	<1
378412		2.49	<10	<1	0.01	<10	0.03	379	<1	<0.01	3	70	<2	0.26	<2	<1
378413		1.17	<10	<1	0.03	<10	0.08	182	<1	0.01	1	<10	2	0.05	<2	<1
378414		3.48	<10	<1	0.06	10	0.17	96	1	<0.01	22	170	2	2.50	<2	<1
378415		2.22	<10	<1	0.01	<10	0.12	175	<1	0.01	2	20	<2	0.42	<2	<1
378416		8.23	<10	<1	0.01	<10	0.21	1030	1	<0.01	12	40	<2	2.27	<2	<1
378417		7.76	<10	<1	0.01	<10	0.29	1780	1	<0.01	2	70	2	0.40	<2	<1
378418		15.5	<10	<1	0.01	<10	3.91	4140	3	0.01	2	280	4	0.01	<2	<1
378419		10.35	<10	<1	<0.01	<10	1.10	3840	2	<0.01	2	150	3	0.09	<2	<1
378420		16.3	<10	<1	<0.01	<10	2.24	3340	2	<0.01	2	20	3	0.49	<2	<1
378421		13.25	<10	<1	0.03	<10	1.84	2130	2	<0.01	2	40	3	0.22	<2	<1
378422		4.54	<10	1	0.01	<10	0.35	1315	<1	<0.01	1	100	2	0.14	<2	<1
378423		2.89	<10	<1	0.10	<10	0.38	545	<1	0.01	1	70	<2	0.03	<2	<1
378424		7.30	<10	<1	0.01	<10	1.05	2430	1	0.01	1	90	2	0.25	<2	<1
378425		5.24	10	<1	0.35	10	1.73	452	3	0.58	87	1050	115	2.33	<2	1
378426		6.69	<10	<1	0.07	<10	0.55	1575	1	0.01	2	220	2	0.34	<2	<1
378427		3.44	<10	<1	0.01	10	0.71	270	8	0.01	5	100	11	0.35	<2	2
378428		10.40	10	<1	0.02	<10	0.76	429	9	0.01	7	120	6	0.34	<2	2
378429		5.05	<10	<1	0.01	<10	0.35	885	<1	0.01	3	20	2	0.07	<2	2
378430		4.74	<10	<1	0.08	10	1.85	319	1	0.02	37	260	<2	0.94	<2	2
378431		2.30	<10	<1	0.02	<10	0.04	103	1	0.01	10	760	3	0.86	<2	<1
378432		0.87	<10	<1	0.01	<10	<0.01	38	<1	0.01	2	30	28	<0.01	<2	<1
378433		7.26	<10	<1	<0.01	<10	1.04	1385	<1	0.01	25	100	413	0.89	<2	<1
378434		1.30	<10	<1	<0.01	<10	0.01	89	<1	0.01	2	20	<2	0.35	<2	<1
378435		1.37	<10	<1	<0.01	<10	0.01	61	<1	0.01	5	40	<2	0.35	<2	<1
378436		16.7	<10	<1	<0.01	<10	4.19	3390	<1	0.02	<1	90	3	0.25	<2	<1
378437		1.72	<10	1	0.02	<10	0.06	512	<1	0.01	2	<10	<2	0.04	<2	<1
378438		11.50	10	<1	1.85	20	1.41	947	1	0.02	36	280	18	2.43	<2	3
378439		3.53	<10	<1	0.13	10	0.46	679	<1	0.01	5	30	<2	0.14	<2	1
378440		17.8	<10	1	0.45	10	0.52	10500	<1	0.04	12	220	16	<0.01	<2	3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: KAN

CERTIFICAT D'ANALYSE VO14137097

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378401		3	<20	0.01	<10	<10	8	<10	26	<10
378402		5	<20	<0.01	<10	<10	39	<10	44	<10
378403		15	<20	0.03	<10	<10	30	<10	28	<10
378404		3	<20	<0.01	<10	<10	4	<10	8	<10
378405		6	<20	<0.01	<10	<10	3	<10	6	<10
378406		31	<20	<0.01	<10	<10	5	<10	3	<10
378407		1	<20	<0.01	<10	<10	<1	<10	3	<10
378408		17	<20	<0.01	<10	<10	18	<10	27	<10
378409		2	<20	0.01	<10	<10	85	<10	69	<10
378410		29	<20	<0.01	<10	<10	5	<10	7	<10
378411		72	<20	<0.01	10	<10	5	<10	25	<10
378412		7	<20	<0.01	<10	<10	1	<10	10	<10
378413		4	<20	<0.01	<10	<10	4	<10	9	<10
378414		6	<20	<0.01	<10	<10	17	<10	19	<10
378415		2	<20	<0.01	<10	<10	9	<10	33	<10
378416		7	<20	<0.01	<10	<10	6	<10	6	<10
378417		14	<20	<0.01	<10	<10	5	<10	14	<10
378418		85	<20	<0.01	<10	<10	9	<10	14	<10
378419		7	<20	<0.01	<10	<10	26	<10	6	<10
378420		16	<20	<0.01	<10	<10	6	<10	17	<10
378421		12	<20	<0.01	<10	<10	16	<10	20	<10
378422		6	<20	<0.01	<10	<10	2	<10	9	<10
378423		11	<20	<0.01	<10	<10	27	<10	4	<10
378424		45	<20	<0.01	<10	<10	4	<10	16	<10
378425		181	<20	0.42	<10	<10	53	<10	217	<10
378426		16	<20	<0.01	<10	<10	14	<10	12	<10
378427		2	<20	<0.01	<10	<10	55	<10	67	<10
378428		1	<20	0.02	<10	<10	92	<10	86	<10
378429		2	<20	<0.01	<10	<10	31	<10	78	<10
378430		11	<20	<0.01	<10	<10	43	<10	94	<10
378431		10	<20	<0.01	<10	<10	2	<10	4	<10
378432		1	<20	<0.01	<10	<10	1	<10	10	<10
378433		13	<20	<0.01	<10	<10	2	<10	5	<10
378434		2	<20	<0.01	<10	<10	<1	<10	9	<10
378435		1	<20	<0.01	<10	<10	<1	<10	12	<10
378436		40	<20	<0.01	<10	10	5	<10	9	<10
378437		1	<20	<0.01	<10	<10	5	<10	21	<10
378438		12	<20	0.18	<10	<10	46	<10	137	<10
378439		8	<20	0.01	<10	<10	11	<10	47	<10
378440		90	<20	0.06	<10	<10	15	<10	46	<10

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Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137097

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
378441		0.85	0.028		<0.2	0.01	<2	<10	<10	<0.5	<2	0.01	<0.5	1	21	16
378442		0.45	0.021		0.6	0.01	28	<10	<10	<0.5	<2	0.09	<0.5	<1	18	3
378443		0.76	0.012		1.5	0.07	269	<10	<10	<0.5	5	0.97	<0.5	3	8	236
378444		0.37	<0.005		0.5	0.17	25	<10	<10	<0.5	<2	1.76	<0.5	28	9	143
378445		0.66	<0.005		<0.2	0.07	<2	<10	10	<0.5	<2	0.09	<0.5	12	33	235
378446		0.39	0.006		<0.2	0.28	<2	<10	10	<0.5	<2	0.43	<0.5	11	21	89
378447		0.57	<0.005		<0.2	0.52	2	<10	<10	<0.5	<2	0.06	<0.5	2	19	13
378448		0.48	<0.005		<0.2	<0.01	<2	<10	<10	<0.5	2	0.02	<0.5	2	39	16
378449		0.62	0.012		0.8	0.01	<2	<10	<10	<0.5	2	0.09	<0.5	6	5	425
378450		0.12	0.525		0.9	1.49	97	<10	50	0.7	3	0.75	2.2	21	51	75
378451		1.10	<0.005		<0.2	0.07	<2	<10	<10	<0.5	<2	1.04	<0.5	2	5	4
378452		0.73	<0.005		<0.2	0.07	<2	<10	<10	<0.5	<2	12.7	<0.5	3	4	5
378453		1.14	<0.005		<0.2	0.02	<2	<10	<10	<0.5	<2	1.18	<0.5	5	3	16
378454		0.73	<0.005		<0.2	0.08	40	<10	<10	<0.5	3	0.96	<0.5	1	3	8
378455		0.94	<0.005		<0.2	0.34	2	<10	20	<0.5	2	5.68	<0.5	8	12	8
378456		0.93	<0.005		0.2	0.19	<2	<10	10	<0.5	<2	11.2	<0.5	2	5	9
378457		0.80	<0.005		<0.2	0.09	4	<10	<10	<0.5	<2	13.2	<0.5	2	6	6
378458		0.73	<0.005		<0.2	0.05	<2	<10	<10	<0.5	<2	10.4	<0.5	2	6	11
378459		0.70	0.010		<0.2	0.04	<2	<10	<10	<0.5	<2	0.17	<0.5	1	14	14
378460		0.56	<0.005		<0.2	0.02	3	<10	<10	<0.5	<2	0.11	<0.5	1	30	15
378461		0.54	<0.005		<0.2	0.53	<2	<10	10	<0.5	<2	1.50	<0.5	2	19	6
378462		0.77	<0.005		<0.2	2.05	<2	<10	20	<0.5	<2	0.07	<0.5	5	14	4
378463		0.69	<0.005		<0.2	0.29	<2	<10	<10	<0.5	<2	0.11	<0.5	2	30	34
378464		1.04	<0.005		<0.2	0.23	2	<10	10	1.2	<2	17.3	<0.5	1	6	5
378465		1.33	<0.005		<0.2	0.01	<2	<10	<10	<0.5	<2	0.06	<0.5	<1	17	7
378466		1.05	0.016		<0.2	0.04	3	<10	<10	<0.5	6	0.83	<0.5	7	<1	7
378467		1.25	0.006		<0.2	0.83	<2	<10	<10	<0.5	<2	0.92	<0.5	5	<1	12
378468		0.92	0.153		<0.2	0.59	<2	<10	80	<0.5	<2	4.07	0.9	7	17	53
378469		0.56	<0.005		<0.2	1.76	177	<10	80	<0.5	<2	6.41	<0.5	71	62	108
378470		1.04	<0.005		<0.2	4.67	<2	<10	<10	<0.5	<2	0.19	<0.5	5	12	7
378471		3.09	0.042		<0.2	0.05	<2	<10	<10	<0.5	<2	0.01	<0.5	1	19	11
378472		1.54	0.666		<0.2	0.11	<2	<10	<10	<0.5	<2	0.16	<0.5	2	15	22
378473		2.01	1.730		0.2	0.10	2	<10	<10	<0.5	<2	0.03	<0.5	3	26	33
378474		0.57	<0.005		<0.2	0.05	<2	<10	<10	<0.5	2	0.04	<0.5	<1	20	10
378475		0.07	0.559		1.0	1.54	100	<10	40	0.8	<2	0.76	2.3	21	52	76
378476		0.91	0.006		<0.2	0.15	<2	<10	<10	<0.5	<2	0.15	<0.5	2	20	22
378477		3.14	0.959		0.2	0.22	<2	<10	10	<0.5	<2	3.03	<0.5	4	9	4
378478		2.24	<0.005		0.3	0.72	2	<10	60	0.8	2	3.53	<0.5	3	14	1
378479		4.61	0.140		<0.2	0.29	<2	<10	20	0.5	3	1.94	<0.5	3	6	4
378480		3.99	0.400		0.2	0.08	<2	<10	<10	<0.5	<2	3.26	0.5	2	8	13

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Projet: KAN

CERTIFICAT D'ANALYSE VO14137097

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1
378441		0.77	<10	<1	<0.01	<10	<0.01	50	<1	0.01	3	10	2	0.21	<2	<1
378442		8.24	<10	2	<0.01	<10	0.01	54	11	0.01	3	<10	4	>10.0	<2	<1
378443		20.3	<10	<1	<0.01	<10	2.45	5830	<1	0.01	121	290	18	>10.0	2	<1
378444		10.75	<10	<1	<0.01	<10	0.24	810	<1	0.01	25	110	4	4.77	<2	1
378445		5.20	<10	<1	0.01	<10	0.09	1435	<1	0.01	19	60	8	1.81	<2	<1
378446		15.6	<10	<1	0.05	<10	0.61	6170	<1	0.02	13	240	18	1.12	<2	1
378447		2.08	<10	<1	0.01	<10	0.22	298	<1	0.01	5	10	10	0.05	<2	2
378448		1.23	<10	<1	<0.01	<10	0.01	108	<1	0.01	3	10	<2	0.12	<2	<1
378449		21.3	<10	<1	0.01	<10	0.04	299	<1	0.01	228	40	6	>10.0	<2	<1
378450		5.05	10	<1	0.34	10	1.70	438	1	0.58	85	1020	110	2.31	<2	1
378451		20.6	<10	<1	0.02	<10	3.23	5690	<1	0.01	1	50	5	0.06	<2	<1
378452		17.5	<10	<1	<0.01	10	5.02	4910	<1	0.02	1	310	4	0.13	<2	<1
378453		25.2	<10	<1	0.01	10	3.48	5580	<1	0.01	3	90	2	0.25	<2	<1
378454		16.7	<10	<1	<0.01	<10	1.09	3880	1	0.01	2	170	<2	0.13	<2	<1
378455		25.3	<10	1	0.07	10	5.04	9490	1	0.02	4	690	8	0.07	<2	1
378456		14.7	<10	<1	0.04	10	4.46	5030	1	0.02	2	790	3	0.08	<2	1
378457		12.20	<10	1	0.01	<10	6.09	3330	<1	0.02	<1	250	4	<0.01	<2	<1
378458		13.25	<10	1	0.01	<10	3.69	4690	<1	0.02	1	70	6	<0.01	<2	<1
378459		2.93	<10	<1	0.02	<10	0.18	525	<1	0.02	<1	10	<2	0.02	<2	<1
378460		1.78	<10	<1	0.01	<10	0.07	345	<1	0.02	2	10	<2	0.14	<2	<1
378461		6.47	<10	<1	0.06	<10	1.07	2480	<1	0.02	2	310	<2	0.02	<2	1
378462		4.78	10	<1	0.18	10	1.04	241	<1	0.02	17	260	2	<0.01	<2	1
378463		2.13	<10	<1	<0.01	<10	0.26	156	<1	0.02	19	70	2	0.80	<2	1
378464		9.40	<10	1	<0.01	10	6.84	2770	<1	0.02	2	600	4	<0.01	<2	1
378465		0.74	<10	<1	<0.01	<10	0.01	109	<1	0.01	1	40	2	0.08	<2	<1
378466		39.5	<10	<1	0.02	<10	2.77	17100	<1	0.01	2	240	5	0.31	<2	1
378467		34.3	10	<1	0.02	<10	3.54	10850	<1	<0.01	3	170	<2	0.86	<2	1
378468		12.50	<10	<1	0.26	<10	1.44	13550	<1	0.02	13	520	7	3.01	<2	2
378469		7.25	<10	<1	0.81	<10	3.06	1470	<1	0.01	440	430	2	0.09	<2	8
378470		12.25	20	<1	0.02	<10	3.02	681	<1	0.01	3	250	<2	0.09	<2	3
378471		0.87	<10	<1	<0.01	<10	0.02	78	<1	<0.01	1	10	2	0.02	<2	<1
378472		1.70	<10	<1	0.01	<10	0.06	233	<1	<0.01	6	150	3	0.49	<2	<1
378473		1.65	<10	<1	<0.01	<10	0.05	113	<1	<0.01	4	20	3	0.42	<2	<1
378474		1.08	<10	<1	<0.01	<10	0.03	53	2	<0.01	2	180	2	0.21	2	<1
378475		5.19	10	<1	0.33	10	1.68	452	1	0.58	90	1070	108	2.38	2	1
378476		4.39	<10	<1	0.01	<10	0.21	482	<1	0.01	8	50	<2	1.45	<2	<1
378477		24.1	<10	1	0.12	<10	1.95	9780	<1	0.01	3	480	3	0.21	<2	1
378478		40.4	10	<1	0.39	10	1.55	4500	<1	0.05	5	410	<2	0.01	<2	1
378479		29.0	<10	<1	0.16	<10	1.87	10150	<1	0.03	4	370	2	0.33	<2	1
378480		22.1	<10	<1	0.04	<10	1.38	8240	<1	0.01	1	620	4	0.62	2	<1

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CERTIFICAT D'ANALYSE VO14137097

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378441		1	<20	<0.01	<10	<10	<1	<10	3	<10
378442		1	<20	<0.01	<10	<10	1	<10	4	<10
378443		19	<20	<0.01	<10	<10	5	<10	35	<10
378444		21	<20	<0.01	<10	<10	8	<10	23	10
378445		2	<20	<0.01	<10	<10	3	<10	22	<10
378446		7	<20	0.01	<10	<10	20	<10	48	<10
378447		1	<20	<0.01	<10	<10	22	<10	32	<10
378448		1	<20	<0.01	<10	<10	<1	<10	15	<10
378449		2	<20	<0.01	<10	<10	2	<10	33	<10
378450		176	<20	0.41	<10	<10	54	<10	211	<10
378451		40	<20	<0.01	<10	<10	6	<10	12	<10
378452		112	<20	<0.01	<10	<10	9	<10	14	<10
378453		23	<20	<0.01	<10	<10	12	<10	17	<10
378454		14	<20	<0.01	<10	<10	8	<10	23	<10
378455		62	<20	0.01	<10	<10	22	<10	20	10
378456		120	<20	<0.01	<10	<10	14	<10	27	<10
378457		53	<20	<0.01	<10	<10	7	<10	18	<10
378458		226	<20	<0.01	<10	<10	7	<10	21	<10
378459		5	<20	<0.01	<10	<10	3	<10	8	<10
378460		3	<20	<0.01	<10	<10	2	<10	14	<10
378461		29	<20	<0.01	<10	<10	48	<10	25	<10
378462		6	<20	0.01	<10	<10	10	<10	78	<10
378463		3	<20	<0.01	<10	<10	10	<10	23	<10
378464		160	<20	<0.01	<10	<10	9	<10	11	<10
378465		1	<20	<0.01	<10	<10	<1	<10	10	<10
378466		32	<20	<0.01	20	<10	5	<10	77	<10
378467		31	<20	<0.01	20	<10	37	<10	131	<10
378468		94	<20	0.01	<10	<10	45	<10	37	<10
378469		58	<20	0.12	<10	<10	81	<10	81	<10
378470		8	<20	0.01	10	<10	102	<10	176	<10
378471		1	<20	<0.01	<10	<10	1	<10	9	<10
378472		5	<20	<0.01	<10	<10	2	<10	15	<10
378473		1	<20	<0.01	<10	<10	2	<10	20	<10
378474		1	<20	<0.01	<10	<10	3	<10	9	<10
378475		185	<20	0.43	<10	<10	55	<10	210	<10
378476		2	<20	<0.01	<10	<10	7	<10	23	<10
378477		49	<20	<0.01	10	<10	4	<10	110	<10
378478		59	<20	0.01	10	<10	115	<10	128	<10
378479		28	<20	<0.01	10	<10	25	<10	88	<10
378480		48	<20	<0.01	10	<10	9	<10	119	<10

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CERTIFICAT D'ANALYSE VO14137097

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
378481		2.86	0.215		<0.2	0.10	<2	<10	<10	<0.5	<2	3.16	<0.5	4	4	16
378482		2.08	0.355		<0.2	0.17	<2	<10	<10	<0.5	3	1.72	<0.5	5	3	40
378483		2.24	<0.005		<0.2	0.10	2	<10	10	0.5	<2	2.53	<0.5	4	9	10
378484		2.58	0.007		<0.2	0.14	2	<10	10	0.6	<2	2.62	<0.5	4	3	34
378485		4.74	0.578		0.6	0.22	<2	<10	20	0.5	<2	4.22	0.5	3	6	28
378486		3.96	0.008		0.3	0.18	<2	<10	10	0.9	<2	2.44	0.5	2	6	13
378487		2.68	0.756		0.4	0.36	8	<10	30	<0.5	<2	3.76	<0.5	6	7	61
378488		3.83	<0.005		<0.2	0.85	<2	<10	<10	<0.5	<2	1.74	0.5	3	7	43
378489		2.84	<0.005		0.2	1.49	<2	<10	<10	<0.5	3	1.19	<0.5	6	12	75
378490		3.17	<0.005		0.2	1.52	<2	<10	<10	<0.5	2	1.06	<0.5	6	5	89
378491		0.40	<0.005		<0.2	0.24	<2	<10	<10	<0.5	<2	8.6	<0.5	2	5	15
378492		0.54	<0.005		<0.2	0.01	2	<10	<10	<0.5	<2	0.03	<0.5	2	26	22
378493		0.73	<0.005		0.2	0.02	3	<10	<10	<0.5	<2	0.06	<0.5	8	9	100
378494		0.83	<0.005		<0.2	0.02	<2	<10	<10	<0.5	<2	0.81	<0.5	6	14	45

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINES VIRGINIA INC.
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BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137097

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1
378481		22.0	<10	<1	0.05	<10	1.40	7980	<1	0.01	2	360	3	0.74	<2	<1
378482		20.1	<10	<1	0.06	<10	0.76	8380	<1	<0.01	9	540	4	2.30	<2	<1
378483		16.8	<10	<1	0.05	<10	0.88	5930	<1	<0.01	2	270	<2	0.35	<2	<1
378484		22.0	<10	<1	0.06	<10	1.12	6990	<1	<0.01	10	400	4	2.28	<2	<1
378485		27.5	10	<1	0.11	<10	1.54	6600	<1	0.01	8	400	5	1.80	<2	1
378486		27.9	<10	<1	0.10	<10	1.54	5210	<1	0.02	1	420	3	0.75	<2	<1
378487		31.2	<10	1	0.17	<10	1.25	9070	<1	0.01	16	570	7	4.15	2	1
378488		21.2	10	<1	0.03	<10	1.73	8560	<1	<0.01	25	530	4	2.79	<2	2
378489		20.2	10	<1	0.01	<10	1.58	5350	<1	<0.01	49	440	4	4.86	<2	2
378490		17.2	10	<1	0.01	<10	1.44	4190	<1	0.01	64	230	2	6.09	<2	3
378491		16.2	<10	<1	0.02	<10	4.24	4570	<1	0.01	5	260	4	0.51	<2	1
378492		1.73	<10	<1	<0.01	<10	0.03	165	<1	<0.01	4	20	<2	0.64	<2	<1
378493		6.79	<10	<1	<0.01	<10	0.07	821	<1	<0.01	48	60	2	2.33	<2	<1
378494		4.95	<10	<1	0.02	<10	0.27	1510	<1	<0.01	13	80	3	1.22	<2	<1

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plus les pages d'annexe
Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137097

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378481		43	<20	<0.01	10	<10	31	<10	101	<10
378482		22	<20	0.01	10	<10	13	<10	55	<10
378483		35	<20	<0.01	10	<10	12	<10	26	<10
378484		42	<20	<0.01	10	<10	19	<10	56	<10
378485		73	<20	<0.01	10	<10	39	<10	112	<10
378486		41	<20	0.01	10	<10	39	<10	150	<10
378487		63	<20	<0.01	10	<10	54	<10	119	<10
378488		43	<20	<0.01	10	<10	39	<10	94	<10
378489		31	<20	0.01	10	<10	62	<10	128	<10
378490		29	<20	<0.01	10	<10	67	<10	120	<10
378491		64	<20	<0.01	10	<10	21	<10	30	<10
378492		1	<20	<0.01	<10	<10	1	<10	8	<10
378493		<1	<20	<0.01	<10	<10	2	<10	36	<10
378494		6	<20	<0.01	<10	<10	2	<10	38	<10

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Projet: KAN

CERTIFICAT D'ANALYSE VO14137097

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME- ICP41

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Finalisée date: 28- SEPT- 2014
Compte: MINVIR

CERTIFICAT VO14137098

Projet: KAN

Ce rapport s'applique aux 135 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- SEPT- 2014.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP41	Aqua regia ICP- AES 35 éléments	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS
Au- GRA21	Au 30 g fini FA- GRAV	WST- SIM

À: MINES VIRGINIA INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
375801		1.64	<0.005		<0.2	0.03	<2	<10	<10	<0.5	<2	3.79	<0.5	1	32	<1
375802		0.99	<0.005		<0.2	0.04	<2	<10	<10	<0.5	<2	2.62	<0.5	1	10	<1
375803		1.77	0.253		<0.2	0.11	<2	<10	<10	<0.5	6	11.6	<0.5	2	13	<1
375804		0.75	0.036		<0.2	0.16	<2	<10	<10	<0.5	4	10.7	<0.5	31	3	18
375805		1.25	<0.005		<0.2	0.02	<2	<10	<10	<0.5	<2	1.19	<0.5	1	34	<1
375806		1.58	<0.005		<0.2	0.01	<2	<10	<10	<0.5	<2	1.16	<0.5	2	14	1
375807		1.49	<0.005		<0.2	0.01	<2	<10	<10	<0.5	<2	0.20	<0.5	1	43	<1
375808		1.46	<0.005		<0.2	<0.01	<2	<10	<10	<0.5	<2	0.06	<0.5	<1	17	1
375809		1.37	<0.005		<0.2	0.12	<2	<10	<10	<0.5	6	1.50	<0.5	5	6	<1
375810		0.80	0.030		<0.2	0.03	<2	<10	<10	<0.5	3	5.86	<0.5	2	7	6
375811		0.64	0.008		<0.2	0.13	2	<10	<10	<0.5	<2	1.37	<0.5	1	27	5
375812		0.48	0.186		<0.2	0.10	<2	<10	<10	<0.5	<2	1.56	<0.5	3	9	23
375813		0.40	0.062		<0.2	0.10	<2	<10	<10	<0.5	<2	2.62	<0.5	1	23	3
375814		0.89	0.103		0.7	0.19	<2	<10	<10	<0.5	10	0.19	<0.5	30	6	145
375815		0.51	0.038		<0.2	0.05	<2	<10	<10	<0.5	2	0.19	<0.5	2	18	3
375816		1.01	0.021		1.3	0.01	<2	<10	<10	<0.5	9	6.16	<0.5	8	1	108
375817		0.73	>10.0	8.10	<0.2	0.12	<2	<10	<10	<0.5	5	0.69	<0.5	3	17	19
375818		1.02	0.007		<0.2	<0.01	<2	<10	<10	<0.5	<2	0.68	<0.5	2	12	9
375819		1.18	2.12		0.2	0.08	<2	<10	<10	<0.5	3	0.18	<0.5	2	29	32
375820		2.33	0.036		<0.2	0.03	<2	<10	<10	<0.5	<2	1.18	<0.5	1	15	<1
375821		0.82	<0.005		<0.2	0.12	<2	<10	10	<0.5	<2	0.01	<0.5	<1	40	10
375822		1.29	<0.005		<0.2	0.06	<2	<10	<10	<0.5	<2	0.01	<0.5	1	12	22
375823		0.37	0.006		<0.2	0.36	<2	<10	<10	<0.5	2	0.12	<0.5	2	31	25
375824		0.68	<0.005		<0.2	0.46	2	<10	<10	<0.5	2	0.09	<0.5	2	29	11
375825		0.08	0.551		1.1	1.53	102	<10	60	0.8	7	0.77	1.9	23	55	78
375826		1.00	<0.005		<0.2	0.14	<2	<10	10	<0.5	<2	0.25	<0.5	4	35	25
375827		1.23	<0.005		<0.2	0.01	<2	<10	<10	<0.5	<2	0.08	<0.5	2	14	9
375828		1.33	0.011		0.2	0.23	50	<10	20	<0.5	4	0.01	<0.5	4	13	60
375829		0.89	0.150		2.9	0.10	433	<10	10	<0.5	6	<0.01	<0.5	214	8	31
375830		1.94	<0.005		0.7	0.76	5	<10	20	<0.5	2	0.01	<0.5	19	37	588
375831		0.26	0.030		1.4	0.40	139	<10	10	<0.5	3	0.04	<0.5	37	7	112
375832		1.41	<0.005		<0.2	0.22	<2	<10	<10	<0.5	<2	0.04	<0.5	2	47	53
375833		2.39	0.007		0.3	1.09	<2	<10	40	0.6	2	0.11	<0.5	6	25	133
375834		2.34	0.049		0.2	0.22	<2	<10	<10	<0.5	3	7.5	<0.5	10	16	64
375835		4.93	0.231		<0.2	0.13	<2	<10	<10	<0.5	2	8.4	<0.5	5	5	18
375836		2.72	0.148		<0.2	0.10	<2	<10	<10	<0.5	4	5.64	<0.5	19	10	61
375837		2.37	<0.005		<0.2	0.02	<2	<10	<10	<0.5	<2	0.08	<0.5	1	14	12
375838		1.55	<0.005		<0.2	0.03	<2	<10	<10	<0.5	<2	0.07	<0.5	1	30	7
375839		2.22	0.014		0.5	0.09	<2	<10	<10	<0.5	<2	0.53	<0.5	21	8	59
375840		3.24	0.037		1.7	0.03	7	<10	<10	<0.5	4	0.27	<0.5	109	9	127

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Projet: KAN

CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1
375801		7.12	<10	1	0.01	<10	1.54	2580	<1	0.01	1	140	<2	0.01	2	<1
375802		3.07	<10	<1	0.01	<10	0.68	1200	<1	0.01	<1	70	<2	0.04	2	<1
375803		18.9	<10	<1	0.01	<10	6.09	4990	<1	0.01	<1	80	4	0.18	6	<1
375804		16.4	<10	1	<0.01	<10	3.48	4160	<1	0.01	3	30	<2	1.72	5	<1
375805		1.13	<10	<1	<0.01	<10	0.26	393	<1	0.01	<1	60	<2	0.02	<2	<1
375806		2.64	<10	<1	<0.01	<10	0.36	878	<1	0.01	<1	130	<2	0.13	<2	<1
375807		1.09	<10	<1	<0.01	<10	0.07	333	<1	0.01	<1	190	<2	0.01	<2	<1
375808		0.82	<10	1	<0.01	<10	0.02	131	<1	0.01	1	10	<2	0.05	2	<1
375809		20.4	<10	1	0.01	<10	1.35	9590	<1	<0.01	1	330	<2	0.02	4	<1
375810		9.43	<10	<1	<0.01	<10	1.61	4410	<1	0.01	<1	200	2	0.36	2	<1
375811		5.77	<10	1	<0.01	<10	0.49	2520	<1	0.01	1	430	<2	0.35	4	<1
375812		8.95	<10	<1	<0.01	<10	0.51	3140	<1	0.01	5	1250	<2	1.67	3	<1
375813		4.98	<10	1	0.01	<10	0.75	2260	<1	0.01	<1	110	<2	0.23	3	<1
375814		30.5	<10	1	<0.01	<10	0.21	764	<1	0.01	47	250	<2	>10.0	12	<1
375815		9.62	<10	1	<0.01	<10	0.93	3860	<1	<0.01	1	210	<2	0.41	3	<1
375816		35.2	<10	1	<0.01	<10	2.33	2310	8	0.01	16	50	4	>10.0	8	<1
375817		15.4	<10	1	<0.01	<10	0.53	4100	<1	0.01	<1	310	<2	2.07	5	<1
375818		2.55	<10	<1	<0.01	<10	0.24	383	<1	<0.01	1	20	<2	0.80	2	<1
375819		6.23	<10	1	0.01	<10	0.06	832	<1	<0.01	2	10	<2	0.71	<2	<1
375820		6.53	<10	1	0.01	<10	0.63	2230	<1	0.01	<1	60	<2	0.06	3	<1
375821		0.85	<10	<1	0.07	<10	0.01	47	1	0.02	1	50	2	0.05	<2	<1
375822		4.04	<10	2	0.02	<10	0.01	137	<1	0.01	24	30	<2	0.10	2	1
375823		3.63	<10	1	0.04	<10	0.27	61	5	0.01	7	270	<2	1.01	<2	1
375824		1.98	<10	<1	0.02	<10	0.36	64	10	0.01	7	220	2	0.61	<2	1
375825		5.21	10	1	0.35	10	1.79	471	<1	0.62	90	1100	116	2.45	3	1
375826		1.85	<10	1	0.04	<10	0.15	68	4	0.01	11	180	<2	0.94	2	<1
375827		2.14	<10	<1	0.01	<10	0.02	556	<1	0.01	3	220	<2	0.06	<2	<1
375828		12.15	<10	1	0.16	20	0.03	285	23	<0.01	15	460	19	0.32	4	1
375829		21.4	<10	1	0.08	<10	0.01	26	56	0.01	96	10	15	>10.0	10	<1
375830		7.94	<10	<1	0.19	10	0.51	55	15	0.01	82	80	8	>10.0	4	1
375831		11.40	<10	<1	0.16	20	0.11	150	27	0.01	49	200	29	5.27	11	1
375832		2.79	<10	<1	0.01	<10	0.20	72	2	0.01	29	80	<2	2.47	<2	<1
375833		15.0	<10	<1	0.18	10	0.74	714	24	0.02	67	350	17	8.77	4	1
375834		11.85	<10	1	0.01	<10	2.96	5630	<1	0.01	20	60	<2	3.52	3	1
375835		13.80	<10	1	0.01	<10	4.19	5590	<1	0.01	4	130	<2	1.29	9	<1
375836		20.8	<10	1	0.01	<10	3.62	5970	<1	0.01	16	90	2	4.17	6	<1
375837		1.26	<10	1	<0.01	<10	0.04	97	<1	0.01	4	20	2	0.28	<2	<1
375838		1.10	<10	<1	<0.01	<10	0.04	95	<1	0.01	2	60	<2	0.16	<2	<1
375839		9.86	<10	<1	<0.01	<10	0.31	695	<1	0.01	11	160	<2	6.51	3	<1
375840		38.7	<10	1	<0.01	<10	0.09	368	1	0.01	31	40	<2	>10.0	4	<1

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À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
375801		33	<20	<0.01	<10	<10	3	<10	13	<10
375802		55	<20	<0.01	<10	<10	3	<10	6	<10
375803		138	<20	<0.01	<10	<10	9	<10	29	<10
375804		99	<20	<0.01	<10	<10	11	<10	23	<10
375805		10	<20	<0.01	<10	<10	2	<10	<2	<10
375806		9	<20	<0.01	<10	<10	1	<10	2	<10
375807		1	<20	<0.01	<10	<10	1	<10	<2	<10
375808		1	<20	<0.01	<10	<10	<1	<10	14	<10
375809		12	<20	<0.01	<10	<10	13	<10	9	<10
375810		87	<20	<0.01	<10	<10	4	<10	18	<10
375811		25	<20	<0.01	<10	<10	8	<10	11	<10
375812		32	<20	<0.01	<10	<10	7	<10	17	<10
375813		46	<20	<0.01	<10	<10	7	<10	14	<10
375814		6	<20	<0.01	<10	<10	12	<10	7	<10
375815		3	<20	<0.01	<10	<10	4	<10	14	<10
375816		33	<20	<0.01	<10	<10	3	<10	9	<10
375817		7	<20	<0.01	<10	<10	7	<10	12	<10
375818		6	<20	<0.01	<10	<10	1	<10	<2	<10
375819		3	<20	<0.01	<10	<10	5	<10	10	<10
375820		22	<20	<0.01	<10	<10	3	<10	4	<10
375821		1	<20	<0.01	<10	<10	3	<10	8	<10
375822		1	<20	<0.01	<10	<10	1	<10	257	<10
375823		7	<20	<0.01	<10	<10	24	<10	18	<10
375824		3	<20	<0.01	<10	<10	37	<10	25	<10
375825		173	<20	0.44	<10	<10	56	<10	215	<10
375826		7	<20	<0.01	<10	<10	9	<10	46	<10
375827		2	<20	<0.01	<10	<10	1	<10	3	<10
375828		3	<20	<0.01	<10	<10	9	<10	149	<10
375829		1	<20	<0.01	<10	<10	37	<10	111	<10
375830		2	<20	<0.01	<10	<10	12	<10	129	<10
375831		4	<20	<0.01	<10	<10	14	<10	190	<10
375832		1	<20	<0.01	<10	<10	8	<10	20	<10
375833		4	<20	<0.01	<10	10	25	<10	82	<10
375834		158	<20	<0.01	<10	<10	11	<10	29	<10
375835		154	<20	<0.01	<10	<10	10	<10	33	<10
375836		120	<20	<0.01	<10	<10	7	<10	45	<10
375837		1	<20	<0.01	<10	<10	2	<10	4	<10
375838		1	<20	<0.01	<10	<10	2	<10	3	<10
375839		8	<20	<0.01	<10	<10	8	<10	9	<10
375840		2	<20	<0.01	<10	10	3	<10	4	<10

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Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
378601		1.46	6.10		5.3	0.07	2	<10	10	<0.5	<2	0.01	<0.5	3	12	48
378602		0.96	>10.0	79.5	5.8	0.22	<2	<10	10	<0.5	<2	0.05	<0.5	12	22	72
378603		2.72	1.950		<0.2	0.02	<2	<10	<10	<0.5	<2	0.67	<0.5	2	11	9
378604		2.11	6.64		<0.2	0.01	<2	<10	<10	<0.5	<2	0.01	<0.5	<1	14	4
378605		0.87	0.200		0.3	0.08	<2	<10	<10	<0.5	3	0.66	<0.5	23	37	63
378606		0.68	<0.005		<0.2	0.06	<2	<10	<10	<0.5	<2	0.21	<0.5	<1	16	2
378607		0.78	0.008		<0.2	0.04	<2	<10	<10	<0.5	<2	0.24	<0.5	<1	45	2
378608		0.78	0.088		<0.2	0.01	<2	<10	<10	<0.5	<2	2.82	<0.5	1	10	<1
378609		0.50	<0.005		<0.2	0.05	<2	<10	<10	<0.5	<2	4.60	<0.5	2	26	2
378610		0.48	<0.005		0.2	0.09	<2	<10	<10	<0.5	3	0.03	<0.5	2	5	<1
378611		0.58	<0.005		<0.2	0.65	<2	<10	20	<0.5	<2	0.49	<0.5	3	39	3
378612		0.45	0.063		0.6	0.34	<2	<10	40	0.6	7	0.13	0.7	13	7	54
378613		0.54	0.128		0.8	0.31	<2	<10	10	<0.5	9	0.03	<0.5	7	9	134
378614		0.43	<0.005		<0.2	0.07	<2	<10	<10	<0.5	2	0.28	<0.5	2	10	1
378615		0.19	0.808		0.2	0.04	<2	<10	10	<0.5	2	14.0	1.5	4	1	9
378616		0.52	5.93		0.6	0.29	<2	<10	10	<0.5	6	2.90	1.2	5	3	71
378617		0.33	0.039		0.4	0.05	<2	<10	10	<0.5	5	1.55	0.7	4	1	2
378618		0.42	0.646		0.6	0.63	13	<10	10	<0.5	2	1.36	0.5	18	18	154
378619		1.88	0.021		0.3	0.03	<2	<10	<10	<0.5	4	1.31	0.5	3	1	1
378620		0.37	1.740		1.1	0.03	<2	<10	<10	<0.5	4	1.01	0.8	7	10	24
378621		0.46	1.900		<0.2	0.08	<2	<10	<10	<0.5	<2	1.45	<0.5	1	8	27
378622		0.82	1.745		0.5	0.10	2	<10	<10	<0.5	<2	2.66	0.5	2	20	110
378623		1.24	0.478		<0.2	0.15	<2	<10	10	<0.5	<2	2.70	0.6	2	7	7
378624		0.82	<0.005		0.2	0.01	<2	<10	<10	<0.5	<2	0.15	<0.5	6	26	113
378625		0.25	0.005		0.6	0.04	<2	<10	10	<0.5	5	0.76	0.7	5	<1	1
378626		0.15	<0.005		0.2	0.02	<2	<10	<10	<0.5	<2	0.04	<0.5	1	39	1
378627		0.80	0.377		<0.2	0.01	<2	<10	<10	<0.5	<2	0.13	<0.5	<1	39	1
378628		0.39	0.006		<0.2	0.06	<2	<10	10	<0.5	<2	0.01	<0.5	<1	5	3
378629		0.44	0.034		0.8	0.70	23	<10	20	<0.5	5	0.01	<0.5	8	15	79
378630		0.37	0.007		<0.2	0.20	<2	<10	20	<0.5	<2	<0.01	<0.5	<1	11	6
378631		1.40	0.051		<0.2	0.03	<2	<10	<10	<0.5	<2	0.02	<0.5	2	41	8
378632		1.68	0.009		<0.2	0.02	<2	<10	<10	<0.5	<2	0.10	<0.5	1	24	3
378633		1.11	0.007		0.2	0.11	<2	<10	10	<0.5	<2	0.44	<0.5	4	18	<1
378634		0.76	0.298		0.5	1.98	<2	<10	90	0.5	5	0.08	<0.5	5	32	126
378635		0.81	0.211		<0.2	0.19	2	<10	30	<0.5	<2	0.08	<0.5	2	35	23
378636		0.56	0.013		0.2	1.94	<2	<10	170	0.7	3	1.24	0.8	8	24	8
378637		0.86	<0.005		0.2	1.75	<2	<10	210	0.6	<2	0.67	<0.5	5	24	26
378638		0.56	0.021		0.2	0.04	4	<10	<10	<0.5	<2	0.02	<0.5	6	14	48
378639		0.36	<0.005		0.2	3.46	30	<10	<10	<0.5	<2	4.18	<0.5	44	129	203
378640		0.51	0.011		0.9	4.77	92	<10	10	<0.5	2	0.13	<0.5	66	176	210

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CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1
378601		8.68	<10	1	0.03	<10	0.04	739	<1	0.01	5	30	2	0.99	<2	<1
378602		16.1	<10	<1	0.04	<10	0.10	1060	<1	0.01	10	20	5	3.51	<2	<1
378603		2.88	<10	<1	0.01	<10	0.09	666	<1	0.01	1	30	<2	0.07	<2	<1
378604		1.87	<10	<1	<0.01	<10	0.01	514	<1	0.01	<1	20	<2	0.08	<2	<1
378605		8.34	<10	<1	0.01	<10	0.35	1650	<1	0.01	19	40	<2	3.70	<2	<1
378606		1.00	<10	<1	<0.01	<10	0.10	357	<1	0.01	<1	<10	<2	0.14	<2	<1
378607		0.78	<10	<1	<0.01	<10	0.04	354	<1	0.01	1	<10	<2	0.11	<2	<1
378608		4.54	<10	<1	0.01	<10	0.96	2120	<1	0.01	<1	190	<2	0.02	<2	<1
378609		8.03	<10	<1	0.01	<10	1.93	3880	<1	0.01	2	120	<2	0.13	<2	<1
378610		16.2	<10	<1	<0.01	<10	0.19	7020	<1	0.01	1	50	<2	<0.01	2	<1
378611		1.60	<10	<1	0.23	<10	0.31	378	<1	0.01	6	20	4	0.01	<2	<1
378612		35.4	<10	<1	0.08	<10	0.25	8720	<1	0.01	6	360	5	0.12	5	1
378613		39.6	<10	<1	0.09	<10	0.15	13150	<1	0.01	42	810	9	0.65	<2	1
378614		13.55	<10	<1	0.01	<10	0.44	2480	<1	0.01	1	150	<2	0.01	2	<1
378615		17.1	<10	<1	0.02	<10	4.11	10850	<1	0.01	<1	20	7	0.56	<2	2
378616		25.6	<10	<1	0.04	<10	3.28	6460	<1	0.01	4	40	7	3.65	3	<1
378617		32.3	<10	<1	0.02	<10	4.83	7720	<1	0.01	<1	130	4	0.10	<2	<1
378618		20.1	<10	<1	0.05	<10	1.11	2590	<1	0.01	29	40	3	9.01	2	1
378619		29.3	<10	<1	<0.01	<10	3.72	6380	<1	0.01	<1	100	<2	0.05	3	<1
378620		27.0	<10	<1	0.01	<10	3.63	5520	<1	0.01	4	100	3	1.63	<2	<1
378621		6.12	<10	<1	0.01	<10	0.70	1775	<1	0.01	5	<10	<2	1.61	<2	<1
378622		13.10	<10	<1	0.02	<10	1.07	2390	<1	0.01	33	<10	10	6.40	<2	1
378623		11.00	<10	<1	0.02	<10	1.72	3890	<1	0.01	1	80	<2	0.74	<2	1
378624		11.10	<10	<1	<0.01	<10	0.05	239	<1	0.01	30	<10	<2	6.77	<2	<1
378625		42.9	<10	<1	0.01	<10	2.40	8950	<1	0.01	<1	140	2	0.03	2	<1
378626		6.09	<10	<1	<0.01	<10	0.08	1605	1	0.01	2	70	<2	0.05	<2	<1
378627		0.76	<10	<1	<0.01	<10	0.04	281	<1	0.01	<1	<10	<2	0.01	<2	<1
378628		0.81	<10	<1	0.03	<10	0.02	72	7	0.01	<1	30	2	0.05	<2	<1
378629		17.9	<10	<1	0.16	30	0.21	180	18	0.02	22	230	16	0.40	5	1
378630		1.17	<10	<1	0.12	20	0.04	34	10	0.02	<1	70	4	0.11	2	1
378631		2.49	<10	<1	0.01	<10	0.03	464	<1	0.01	1	50	<2	0.38	<2	<1
378632		2.59	<10	<1	<0.01	<10	0.07	883	<1	0.01	1	160	<2	0.02	<2	<1
378633		15.9	<10	<1	0.05	<10	0.99	6770	<1	0.01	1	190	<2	<0.01	<2	<1
378634		27.3	<10	<1	0.30	<10	0.56	687	<1	0.01	5	1420	9	0.35	<2	4
378635		2.15	<10	<1	0.09	<10	0.09	222	<1	0.01	6	20	<2	0.53	<2	<1
378636		19.6	<10	<1	0.45	10	1.10	6180	<1	0.01	11	780	5	0.09	2	3
378637		20.8	<10	<1	0.68	10	1.82	4170	<1	0.01	9	1930	3	0.59	2	3
378638		3.58	<10	<1	0.01	<10	0.02	161	<1	<0.01	14	30	14	1.93	<2	<1
378639		8.81	10	<1	0.04	<10	3.81	1095	<1	0.01	90	360	4	0.03	<2	16
378640		24.0	10	<1	0.02	<10	2.83	460	8	<0.01	31	800	19	>10.0	5	15

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CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378601		<1	<20	<0.01	<10	<10	3	<10	6	<10
378602		1	<20	<0.01	<10	<10	9	<10	7	<10
378603		13	<20	<0.01	<10	<10	1	<10	6	<10
378604		1	<20	<0.01	<10	<10	1	<10	5	<10
378605		15	<20	<0.01	<10	<10	4	<10	13	<10
378606		4	<20	<0.01	<10	<10	3	<10	4	<10
378607		4	<20	<0.01	<10	<10	2	<10	2	<10
378608		69	<20	<0.01	<10	<10	2	<10	3	<10
378609		50	<20	<0.01	<10	<10	5	<10	5	<10
378610		1	<20	<0.01	<10	<10	11	<10	3	<10
378611		14	<20	0.02	<10	<10	4	<10	16	<10
378612		7	<20	<0.01	<10	<10	48	<10	70	<10
378613		3	<20	0.01	10	<10	15	<10	67	<10
378614		6	<20	<0.01	<10	<10	13	<10	3	<10
378615		622	<20	<0.01	<10	<10	3	<10	35	<10
378616		116	<20	<0.01	<10	<10	8	<10	45	<10
378617		32	<20	<0.01	<10	<10	12	<10	14	<10
378618		50	<20	<0.01	<10	<10	24	<10	37	<10
378619		25	<20	<0.01	<10	<10	9	<10	13	<10
378620		25	<20	<0.01	<10	<10	4	<10	29	<10
378621		48	<20	<0.01	<10	<10	3	<10	14	<10
378622		82	<20	<0.01	<10	<10	4	<10	16	<10
378623		104	<20	<0.01	<10	<10	6	<10	35	<10
378624		3	<20	<0.01	<10	<10	<1	<10	5	<10
378625		23	<20	<0.01	<10	<10	13	<10	10	<10
378626		2	<20	<0.01	<10	<10	2	<10	6	<10
378627		3	<20	<0.01	<10	<10	<1	<10	<2	<10
378628		<1	<20	<0.01	<10	<10	24	<10	3	<10
378629		2	<20	<0.01	<10	<10	27	<10	28	<10
378630		2	<20	<0.01	<10	<10	13	<10	3	<10
378631		1	<20	<0.01	<10	<10	2	<10	<2	<10
378632		3	<20	<0.01	<10	<10	2	<10	2	<10
378633		11	<20	<0.01	<10	<10	9	<10	11	<10
378634		8	<20	0.08	<10	<10	37	<10	129	<10
378635		3	<20	0.01	<10	<10	5	<10	6	<10
378636		76	<20	0.06	<10	<10	35	<10	50	<10
378637		49	<20	0.05	<10	<10	23	<10	58	<10
378638		2	<20	<0.01	<10	<10	1	<10	6	<10
378639		76	<20	0.01	<10	<10	200	<10	107	<10
378640		9	<20	0.01	<10	10	237	<10	157	<10

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Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
378641		0.52	<0.005		0.2	0.10	2	<10	10	<0.5	<2	0.16	<0.5	2	45	15
378642		0.85	<0.005		<0.2	0.31	<2	<10	10	<0.5	2	2.06	<0.5	14	11	59
378643		1.03	<0.005		0.5	0.02	<2	<10	<10	<0.5	<2	0.51	<0.5	19	32	152
378644		0.71	0.006		<0.2	0.01	<2	<10	<10	<0.5	3	1.10	0.7	4	1	8
378645		0.57	<0.005		<0.2	0.01	<2	<10	<10	<0.5	<2	0.01	<0.5	7	40	4
378646		0.46	0.147		4.8	0.24	90	<10	10	<0.5	3	0.01	<0.5	3	7	103
378647		0.60	0.021		0.2	0.03	4	<10	<10	<0.5	<2	0.01	<0.5	<1	40	4
378648		0.41	0.039		7.8	0.28	126	<10	20	<0.5	<2	0.01	<0.5	<1	10	60
378649		0.68	<0.005		0.2	0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	1	52	2
378650		0.55	<0.005		0.2	0.08	3	<10	<10	<0.5	<2	0.12	<0.5	3	5	485
378651		0.80	<0.005		<0.2	0.04	<2	<10	<10	<0.5	<2	12.8	<0.5	4	5	8
378652		0.45	<0.005		<0.2	0.63	<2	<10	<10	<0.5	<2	0.63	<0.5	14	12	57
378653		0.60	0.014		<0.2	0.08	<2	<10	<10	<0.5	2	4.84	<0.5	4	21	7
378654		0.78	0.037		1.8	0.01	<2	<10	<10	<0.5	<2	3.03	0.5	52	1	203
378655		1.37	0.009		0.8	0.10	<2	<10	<10	<0.5	<2	0.17	<0.5	15	20	136
378656		0.86	0.108		<0.2	0.07	<2	<10	<10	<0.5	<2	9.3	0.6	5	4	6
378657		0.86	0.005		<0.2	0.05	<2	<10	<10	<0.5	<2	2.33	<0.5	<1	31	1
378658		1.19	<0.005		<0.2	0.04	2	<10	<10	<0.5	<2	0.11	<0.5	2	13	18
378659		0.82	0.012		<0.2	0.29	232	<10	<10	<0.5	<2	1.89	<0.5	7	28	4
378660		0.39	<0.005		<0.2	0.05	<2	<10	<10	<0.5	2	11.8	0.6	1	2	11
378661		0.71	0.049		1.2	0.26	<2	<10	20	<0.5	<2	0.15	5.5	15	3	172
378662		0.95	<0.005		<0.2	0.24	<2	<10	<10	<0.5	<2	13.6	0.6	3	6	2
378663		0.95	<0.005		<0.2	0.27	9	<10	<10	<0.5	<2	14.7	0.6	14	8	49
378664		0.92	0.032		<0.2	0.14	11	<10	<10	<0.5	<2	11.0	0.7	2	5	21
378665		0.53	0.119		<0.2	0.06	2	<10	<10	<0.5	<2	0.85	<0.5	1	14	3
378666		0.57	<0.005		<0.2	0.02	3	<10	<10	<0.5	<2	0.10	<0.5	<1	33	4
378667		0.50	0.014		1.1	1.41	<2	<10	<10	<0.5	<2	0.02	<0.5	32	3	108
378668		0.91	<0.005		<0.2	0.03	58	<10	<10	<0.5	2	0.01	<0.5	<1	48	2
378669		0.84	0.009		<0.2	0.12	<2	<10	<10	<0.5	<2	9.1	0.5	<1	14	6
378670		0.99	0.150		<0.2	0.17	<2	<10	<10	<0.5	<2	11.9	0.7	3	2	6
378671		0.68	<0.005		<0.2	0.36	2	<10	<10	<0.5	<2	0.09	<0.5	<1	43	1
378672		0.77	0.038		1.0	0.63	<2	<10	10	<0.5	4	1.17	<0.5	56	1	204
378673		1.96	>10.0	17.80	0.5	0.01	<2	<10	<10	<0.5	2	0.04	<0.5	2	39	15
378674		1.00	0.007		<0.2	3.27	5	<10	<10	<0.5	<2	0.27	0.5	3	8	6
378675		0.08	0.562		1.0	1.58	106	<10	60	0.8	<2	0.76	2.7	24	57	82
378676		0.63	0.064		<0.2	0.02	2	<10	<10	<0.5	<2	1.50	<0.5	1	36	8
378677		0.89	0.143		<0.2	0.10	5	<10	<10	<0.5	<2	1.63	0.6	2	15	11
378678		0.76	3.86		<0.2	0.05	3	<10	<10	<0.5	<2	1.41	<0.5	5	34	34
378679		1.05	0.018		<0.2	0.21	2	<10	<10	<0.5	<2	0.01	<0.5	<1	20	2
378680		1.13	3.32		0.6	0.01	2	<10	<10	<0.5	<2	0.01	<0.5	<1	44	<1

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1
378641		1.06	<10	<1	0.06	<10	0.08	236	<1	<0.01	4	190	5	0.10	<2	<1
378642		3.23	<10	<1	0.04	<10	0.60	2050	<1	<0.01	14	480	55	0.49	<2	1
378643		6.42	<10	<1	<0.01	<10	0.18	808	<1	<0.01	90	40	6	4.82	<2	<1
378644		28.9	<10	<1	0.01	<10	3.96	7180	<1	<0.01	<1	30	9	0.54	<2	<1
378645		1.79	<10	<1	<0.01	<10	0.02	113	<1	<0.01	2	<10	2	0.62	<2	<1
378646		23.6	<10	<1	0.09	10	0.02	462	12	<0.01	7	220	304	0.32	3	2
378647		0.72	<10	<1	0.02	<10	<0.01	32	13	<0.01	2	90	82	0.03	<2	<1
378648		15.0	<10	1	0.14	20	0.03	99	191	<0.01	16	1390	113	0.26	4	1
378649		0.38	<10	1	0.01	<10	<0.01	29	4	<0.01	1	30	3	0.03	<2	<1
378650		15.2	<10	<1	0.05	<10	0.21	1580	3	<0.01	35	420	9	2.81	<2	1
378651		14.20	<10	<1	<0.01	<10	5.62	4310	<1	<0.01	<1	680	8	1.25	<2	<1
378652		4.62	<10	<1	<0.01	<10	0.58	526	<1	<0.01	12	250	8	1.10	<2	<1
378653		5.15	<10	<1	<0.01	<10	1.47	2600	<1	<0.01	6	170	4	0.52	<2	<1
378654		39.2	<10	<1	<0.01	<10	1.30	1250	<1	<0.01	74	30	20	>10.0	7	<1
378655		24.7	<10	<1	<0.01	<10	0.21	610	<1	<0.01	65	10	7	>10.0	2	<1
378656		15.5	<10	<1	0.01	<10	4.24	5510	<1	<0.01	2	490	9	0.45	<2	<1
378657		3.44	<10	<1	<0.01	<10	0.78	1485	<1	<0.01	1	100	3	0.07	<2	<1
378658		1.45	<10	<1	0.02	<10	0.03	428	<1	<0.01	7	170	<2	0.16	<2	1
378659		14.15	<10	<1	<0.01	<10	1.99	8180	<1	<0.01	6	290	4	0.26	<2	1
378660		16.4	<10	<1	<0.01	<10	2.55	4980	<1	<0.01	1	110	9	2.14	<2	<1
378661		18.5	<10	<1	0.18	20	0.05	97	15	<0.01	44	190	30	2.22	<2	<1
378662		11.10	<10	<1	0.01	<10	5.55	3470	<1	<0.01	2	110	6	0.16	<2	1
378663		3.98	<10	<1	0.02	<10	1.21	5000	<1	0.01	17	220	18	0.53	<2	7
378664		17.5	<10	<1	<0.01	<10	4.62	5360	<1	<0.01	3	90	9	0.99	<2	1
378665		4.85	<10	<1	<0.01	<10	0.75	1295	<1	<0.01	1	20	2	0.17	<2	<1
378666		1.19	<10	<1	<0.01	<10	0.05	211	<1	<0.01	2	<10	2	0.28	<2	<1
378667		40.2	10	<1	<0.01	<10	0.73	3010	<1	<0.01	44	10	15	5.66	<2	1
378668		0.71	<10	1	<0.01	<10	0.03	50	1	<0.01	2	10	<2	0.08	<2	<1
378669		12.05	<10	<1	0.01	<10	4.01	3980	<1	<0.01	1	130	6	0.53	<2	1
378670		19.8	<10	<1	<0.01	<10	5.87	6320	<1	<0.01	<1	60	8	0.60	2	1
378671		1.52	<10	<1	0.01	<10	0.24	137	<1	<0.01	1	10	<2	0.05	<2	<1
378672		41.2	<10	<1	0.02	<10	0.70	1225	<1	<0.01	140	30	11	>10.0	<2	1
378673		2.04	<10	<1	<0.01	<10	0.04	365	<1	<0.01	5	<10	<2	0.75	<2	<1
378674		9.66	20	<1	0.01	<10	1.77	919	1	<0.01	5	20	8	0.17	<2	3
378675		5.28	10	<1	0.35	10	1.68	474	1	0.59	94	1150	118	2.48	2	1
378676		2.28	<10	<1	<0.01	<10	0.18	605	1	<0.01	4	60	2	0.82	<2	<1
378677		6.79	<10	<1	0.02	<10	0.83	2090	<1	<0.01	<1	<10	5	0.62	<2	<1
378678		6.11	<10	1	0.01	<10	0.32	1480	1	<0.01	2	<10	2	1.98	<2	<1
378679		1.17	<10	<1	0.01	<10	0.14	86	1	<0.01	<1	10	2	0.04	<2	<1
378680		0.50	<10	<1	<0.01	<10	0.01	59	1	<0.01	<1	<10	<2	0.02	<2	<1

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plus les pages d'annexe
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Projet: KAN

CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378641		12	<20	<0.01	<10	<10	2	<10	6	<10
378642		179	<20	<0.01	<10	<10	3	<10	22	<10
378643		24	<20	<0.01	<10	<10	1	<10	33	<10
378644		29	<20	<0.01	<10	<10	4	<10	42	<10
378645		<1	<20	<0.01	<10	<10	1	<10	2	<10
378646		1	<20	<0.01	<10	10	7	<10	377	<10
378647		1	<20	<0.01	<10	<10	14	<10	30	<10
378648		5	<20	0.01	<10	10	275	<10	269	<10
378649		1	<20	<0.01	<10	<10	9	<10	5	<10
378650		4	<20	<0.01	<10	<10	5	<10	94	<10
378651		107	<20	<0.01	<10	<10	5	<10	13	<10
378652		9	<20	<0.01	<10	<10	34	<10	56	<10
378653		90	<20	<0.01	<10	<10	5	<10	6	<10
378654		33	<20	<0.01	<10	10	3	<10	2	<10
378655		3	<20	<0.01	<10	10	4	<10	8	<10
378656		174	<20	<0.01	<10	<10	7	<10	11	<10
378657		59	<20	<0.01	<10	<10	3	<10	4	<10
378658		3	<20	<0.01	<10	<10	1	<10	6	<10
378659		23	<20	<0.01	<10	<10	22	<10	15	<10
378660		68	<20	<0.01	<10	<10	8	<10	16	<10
378661		4	<20	<0.01	<10	10	7	<10	1600	<10
378662		147	<20	<0.01	<10	<10	17	<10	22	<10
378663		243	<20	<0.01	<10	<10	13	<10	34	<10
378664		226	<20	<0.01	<10	<10	12	<10	29	<10
378665		23	<20	<0.01	<10	<10	3	<10	7	<10
378666		2	<20	<0.01	<10	<10	1	<10	<2	<10
378667		1	<20	<0.01	<10	10	41	<10	80	<10
378668		1	<20	<0.01	<10	<10	2	<10	2	<10
378669		217	<20	<0.01	<10	<10	10	<10	23	<10
378670		309	<20	<0.01	<10	<10	10	<10	40	<10
378671		3	<20	<0.01	<10	<10	15	<10	16	<10
378672		40	<20	<0.01	<10	10	21	<10	37	<10
378673		2	<20	<0.01	<10	<10	1	<10	10	<10
378674		12	<20	0.01	<10	<10	104	<10	141	<10
378675		183	<20	0.44	10	<10	55	<10	222	<10
378676		47	<20	<0.01	<10	<10	1	<10	<2	<10
378677		56	<20	<0.01	<10	<10	4	<10	10	<10
378678		50	<20	<0.01	<10	<10	2	<10	4	<10
378679		1	<20	<0.01	<10	<10	14	<10	9	<10
378680		1	<20	<0.01	<10	<10	1	<10	<2	<10

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CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	Au- GRA21 Au ppm 0.05	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1
378681		0.73	0.021		<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	17	<1
378682		0.28	>10.0	12.80	2.9	<0.01	3	<10	<10	<0.5	<2	<0.01	<0.5	<1	45	1
378683		0.38	>10.0	10.45	0.4	0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	18	8
378684		0.82	1.640		<0.2	0.19	<2	<10	<10	<0.5	<2	8.9	1.8	3	14	3
378685		0.72	5.88	4.69	0.4	0.07	<2	<10	<10	<0.5	<2	0.19	<0.5	1	11	4
378686		0.62	0.036		<0.2	0.04	2	<10	<10	<0.5	<2	1.12	<0.5	<1	35	<1
378687		0.85	0.152		3.5	0.05	2	<10	<10	<0.5	<2	0.07	1.9	13	18	3980
378688		0.99	<0.005		<0.2	0.05	37	<10	10	<0.5	<2	0.54	12.7	4	24	31
378689		0.80	0.006		<0.2	0.03	34	<10	50	<0.5	<2	0.17	<0.5	2	20	10
378690		0.60	<0.005		<0.2	0.68	35	<10	160	0.9	<2	0.04	<0.5	8	22	62
378691		0.44	<0.005		<0.2	0.07	<2	<10	20	<0.5	<2	0.10	<0.5	2	14	<1
378692		0.61	0.007		<0.2	0.17	<2	<10	30	1.0	<2	0.19	<0.5	5	23	20
378693		0.55	0.013		<0.2	0.01	<2	<10	<10	<0.5	<2	1.56	<0.5	1	10	2
378694		0.91	0.212		<0.2	0.01	<2	<10	<10	<0.5	<2	6.6	0.7	1	30	<1
378695		0.45	<0.005		<0.2	0.02	6	<10	<10	<0.5	<2	5.06	0.7	2	8	10

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Projet: KAN

CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Fe % 0.01	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1
378681		0.94	<10	<1	<0.01	<10	0.01	59	1	<0.01	<1	10	<2	0.08	<2	<1
378682		0.71	<10	<1	<0.01	<10	<0.01	42	1	<0.01	<1	10	<2	<0.01	<2	<1
378683		1.49	<10	<1	<0.01	<10	<0.01	66	1	<0.01	<1	20	<2	0.01	<2	<1
378684		10.65	<10	<1	0.05	<10	2.84	7090	<1	<0.01	<1	120	7	0.07	<2	<1
378685		1.51	<10	<1	<0.01	<10	0.12	310	<1	<0.01	<1	20	<2	0.17	<2	<1
378686		1.21	<10	<1	<0.01	<10	0.27	742	1	<0.01	<1	30	<2	0.01	<2	<1
378687		0.96	<10	<1	<0.01	<10	0.03	68	1	0.01	25	<10	<2	0.54	<2	1
378688		11.15	<10	1	0.03	<10	0.14	39	16	<0.01	34	30	129	>10.0	<2	<1
378689		2.16	<10	<1	0.03	<10	0.03	23	8	<0.01	12	510	50	2.38	<2	<1
378690		6.39	<10	<1	0.32	<10	0.66	2070	1	<0.01	3	180	5	0.68	<2	1
378691		5.06	<10	1	0.03	<10	0.11	3200	<1	<0.01	1	280	3	0.01	<2	<1
378692		13.65	<10	<1	0.10	<10	0.74	9500	<1	<0.01	1	300	8	0.06	<2	1
378693		3.77	<10	<1	<0.01	<10	0.87	1100	<1	<0.01	<1	340	<2	0.10	2	<1
378694		4.78	<10	1	0.01	<10	2.78	1440	<1	<0.01	<1	40	2	0.04	3	<1
378695		6.55	<10	<1	0.02	<10	2.26	1430	1	<0.01	1	240	3	0.64	<2	<1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
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À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
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plus les pages d'annexe
Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137098

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Sr ppm 1	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378681		<1	<20	<0.01	<10	<10	<1	<10	<2	<10
378682		<1	<20	<0.01	<10	<10	1	<10	<2	<10
378683		1	<20	<0.01	<10	<10	1	<10	<2	<10
378684		232	<20	0.01	<10	<10	9	<10	19	<10
378685		6	<20	<0.01	<10	<10	2	<10	2	<10
378686		25	<20	<0.01	<10	<10	2	<10	<2	<10
378687		1	<20	<0.01	<10	<10	4	<10	60	<10
378688		2	<20	<0.01	<10	<10	<1	<10	4580	<10
378689		3	<20	<0.01	<10	<10	<1	<10	118	<10
378690		3	<20	0.01	<10	<10	11	10	17	<10
378691		5	<20	<0.01	<10	<10	3	<10	<2	<10
378692		3	<20	0.01	<10	<10	10	<10	<2	<10
378693		22	<20	<0.01	<10	<10	1	<10	11	<10
378694		68	<20	<0.01	<10	<10	3	<10	7	<10
378695		38	<20	<0.01	<10	<10	4	<10	12	<10

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CERTIFICAT D'ANALYSE VO14137098

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode:

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Au- AA23	Au- GRA21	CRU- 31	CRU- QC
LOG- 21	LOG- 23	PUL- 31	PUL- QC
SPL- 21	WEI- 21		

Applique à la Méthode:

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

ME- ICP41

ALS Canada Ltd.
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Finalisée date: 17- OCT- 2014
Compte: MINVIR

CERTIFICAT VO14137099

Projet: KAN

Ce rapport s'applique aux 92 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- SEPT- 2014.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
LOG- 23	Entrée pulpe - Reçu avec code barre
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP41	Aqua regia ICP- AES 35 éléments	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: MINES VIRGINIA INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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Finalisée date: 17- OCT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137099

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
378351		1.24	<0.005	1.6	0.02	<2	<10	<10	<0.5	<2	0.81	<0.5	6	1	47	43.0
378352		0.87	<0.005	<0.2	0.02	<2	<10	<10	<0.5	<2	0.76	<0.5	1	22	2	5.33
378353		1.06	0.208	<0.2	0.09	<2	<10	<10	<0.5	<2	0.05	<0.5	1	8	7	2.10
378354		0.50	5.34	1.3	0.01	3	<10	<10	<0.5	<2	1.35	<0.5	2	8	15	4.39
378355		1.11	<0.005	0.3	0.01	<2	<10	<10	<0.5	<2	0.88	<0.5	4	16	23	6.73
378356		1.27	<0.005	0.4	0.03	<2	<10	<10	<0.5	<2	0.02	<0.5	2	4	23	12.65
378357		0.61	<0.005	<0.2	0.05	2	<10	<10	<0.5	<2	12.8	2.8	4	2	<1	18.8
378358		1.02	<0.005	<0.2	0.10	<2	<10	<10	<0.5	<2	7.1	1.5	2	6	<1	16.2
378359		0.71	<0.005	<0.2	0.05	<2	<10	<10	<0.5	<2	5.85	0.6	2	8	<1	4.71
378360		0.46	<0.005	<0.2	0.07	<2	<10	<10	<0.5	<2	5.02	0.8	4	9	17	7.32
378361		0.83	<0.005	<0.2	0.10	<2	<10	<10	<0.5	<2	7.2	1.4	3	10	20	10.80
378362		0.62	<0.005	<0.2	0.06	<2	<10	<10	<0.5	<2	2.53	<0.5	1	7	1	2.53
378363		0.70	<0.005	<0.2	0.30	2	<10	10	<0.5	2	11.2	2.3	5	7	39	17.1
378364		0.70	0.085	<0.2	0.08	10	<10	<10	<0.5	<2	5.68	1.2	2	13	7	8.29
378365		0.53	<0.005	<0.2	0.05	3	<10	<10	<0.5	3	10.6	1.5	1	3	1	9.93
378366		0.57	<0.005	<0.2	0.10	<2	<10	<10	<0.5	<2	1.18	0.5	3	10	1	8.35
378367		0.65	0.016	<0.2	0.10	<2	<10	<10	<0.5	<2	0.10	<0.5	<1	15	3	1.69
378368		0.87	0.012	<0.2	0.08	2	<10	<10	<0.5	<2	0.23	<0.5	10	9	44	5.71
378369		0.57	<0.005	<0.2	0.06	2	<10	<10	<0.5	<2	0.02	<0.5	<1	14	9	1.16
378370		0.71	<0.005	<0.2	0.01	2	<10	<10	<0.5	<2	0.01	<0.5	<1	23	4	0.65
378371		0.80	<0.005	0.2	0.02	2	<10	<10	<0.5	<2	0.35	<0.5	1	5	16	5.34
378372		0.73	0.005	<0.2	0.20	2	<10	<10	<0.5	<2	0.22	<0.5	1	10	4	3.20
378373		0.66	0.013	<0.2	0.05	2	<10	<10	<0.5	<2	0.02	<0.5	2	19	13	3.86
378374		0.73	<0.005	<0.2	0.07	<2	<10	<10	<0.5	<2	0.02	<0.5	<1	9	3	0.88
378375		0.10	0.564	0.9	1.45	97	<10	50	0.7	<2	0.69	2.5	21	50	78	4.72
378376		0.35	0.019	2.0	0.51	27	<10	10	<0.5	3	0.06	<0.5	26	9	260	25.4
378377		0.80	<0.005	0.2	1.48	7	<10	20	<0.5	<2	0.02	<0.5	3	22	13	3.14
378378		0.49	0.026	<0.2	0.17	7	<10	20	1.6	5	0.48	<0.5	4	8	10	28.7
378379		0.28	<0.005	<0.2	0.52	<2	<10	50	3.3	2	1.09	0.8	11	12	25	30.2
378380		0.63	<0.005	<0.2	0.03	2	<10	<10	3.2	2	0.44	<0.5	4	5	36	20.7
378381		0.88	0.015	0.2	0.57	<2	<10	<10	<0.5	<2	0.09	<0.5	10	6	152	5.89
378382		0.79	<0.005	<0.2	0.10	2	<10	<10	<0.5	2	0.59	0.5	3	5	14	6.95
378383		0.71	0.255	<0.2	0.16	<2	<10	10	0.7	<2	0.09	<0.5	3	6	5	17.6
378384		0.55	0.688	0.2	0.38	<2	<10	40	0.6	5	0.19	<0.5	2	2	27	27.9
378385		0.83	0.005	<0.2	0.04	<2	<10	<10	1.5	3	0.35	<0.5	3	2	16	16.3
378386		0.89	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	<0.01	<0.5	3	14	12	1.08
378387		1.10	<0.005	<0.2	2.85	<2	<10	10	<0.5	<2	0.04	<0.5	2	89	23	7.28
378388		0.56	<0.005	<0.2	0.01	2	<10	<10	<0.5	<2	0.10	<0.5	9	13	41	3.91
378389		0.59	<0.005	<0.2	0.49	<2	<10	<10	<0.5	<2	0.93	<0.5	7	19	20	5.26
378390		0.55	0.251	<0.2	0.03	<2	<10	<10	<0.5	<2	0.50	0.5	4	7	28	6.71

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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Finalisée date: 17- OCT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137099

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
378351		<10	<1	<0.01	<10	0.17	587	<1	<0.01	19	70	16	>10.0	<2	<1	5
378352		<10	<1	<0.01	<10	0.50	1330	<1	<0.01	<1	30	<2	0.83	<2	<1	5
378353		<10	<1	0.01	<10	0.06	67	<1	<0.01	2	10	<2	1.06	<2	<1	2
378354		<10	<1	<0.01	<10	0.48	1060	<1	<0.01	3	60	2	1.52	<2	<1	51
378355		<10	<1	<0.01	<10	0.32	479	<1	<0.01	12	30	3	4.29	<2	<1	10
378356		<10	<1	<0.01	<10	0.02	211	<1	<0.01	12	60	2	8.01	<2	<1	<1
378357		<10	1	<0.01	<10	7.15	4040	<1	0.01	<1	100	7	0.26	3	<1	83
378358		<10	<1	<0.01	<10	4.42	3070	<1	<0.01	<1	130	7	0.11	4	<1	70
378359		<10	<1	<0.01	<10	2.17	2210	<1	<0.01	<1	320	2	0.23	<2	<1	48
378360		<10	<1	<0.01	<10	2.00	3670	<1	<0.01	3	420	6	1.98	<2	<1	101
378361		<10	1	<0.01	<10	3.49	6900	<1	<0.01	4	140	9	1.81	<2	<1	107
378362		<10	<1	<0.01	<10	0.86	1640	<1	<0.01	<1	120	3	0.18	<2	<1	52
378363		<10	<1	0.06	<10	2.85	7530	<1	0.02	8	390	19	1.95	<2	1	246
378364		<10	<1	0.02	<10	2.42	3620	<1	0.01	1	170	6	0.32	<2	1	148
378365		<10	1	0.01	<10	3.50	4340	<1	0.01	<1	200	7	0.02	<2	<1	118
378366		<10	<1	0.01	<10	0.92	4060	<1	0.01	2	310	2	0.11	<2	<1	16
378367		<10	1	0.01	<10	0.07	371	<1	0.01	1	110	<2	0.13	<2	<1	4
378368		<10	1	0.01	<10	0.09	285	<1	0.01	7	80	4	3.76	<2	<1	6
378369		<10	<1	0.02	<10	0.03	76	<1	0.01	1	50	<2	0.08	<2	<1	1
378370		<10	1	<0.01	<10	0.01	131	<1	0.01	1	<10	<2	0.12	<2	<1	1
378371		<10	<1	<0.01	<10	0.25	1110	<1	0.01	4	10	2	1.65	<2	<1	9
378372		<10	<1	<0.01	<10	0.24	786	<1	0.01	1	40	<2	0.43	<2	<1	7
378373		<10	<1	0.03	<10	0.04	441	<1	0.01	1	40	<2	1.33	<2	<1	3
378374		<10	1	<0.01	<10	0.04	93	<1	0.01	1	30	<2	0.07	<2	<1	1
378375		10	<1	0.31	10	1.51	439	<1	0.55	86	1020	105	2.28	2	1	175
378376		<10	<1	0.11	10	0.34	367	8	0.01	101	280	51	>10.0	<2	1	3
378377		<10	<1	0.13	10	0.95	90	<1	0.02	4	160	11	0.20	2	1	3
378378		<10	<1	0.04	10	0.35	6020	<1	0.02	11	1600	8	0.17	<2	<1	13
378379		<10	<1	0.19	<10	0.90	6340	<1	0.03	19	430	10	2.58	<2	1	22
378380		<10	<1	0.01	<10	0.62	5270	<1	0.01	3	270	6	2.22	<2	<1	6
378381		<10	<1	<0.01	<10	0.19	339	<1	0.01	15	520	3	3.84	<2	1	4
378382		<10	<1	<0.01	<10	0.07	2540	<1	0.01	1	220	4	0.68	<2	<1	9
378383		<10	<1	0.05	<10	0.34	4820	<1	0.01	<1	170	6	0.24	<2	<1	2
378384		<10	<1	0.20	<10	1.49	10750	<1	0.02	2	160	9	2.18	<2	<1	3
378385		<10	<1	0.02	<10	1.20	6910	<1	0.01	<1	680	7	0.92	<2	<1	3
378386		<10	<1	0.01	<10	0.02	85	<1	0.01	1	30	<2	0.33	<2	<1	1
378387		10	1	0.04	10	2.00	1505	6	0.01	14	290	5	1.82	<2	3	2
378388		<10	<1	<0.01	<10	0.03	131	<1	0.01	14	20	<2	2.55	<2	<1	2
378389		<10	<1	<0.01	<10	0.75	1170	<1	0.01	5	270	<2	1.52	<2	<1	41
378390		<10	<1	<0.01	<10	0.14	1360	<1	0.01	3	40	<2	2.87	<2	<1	12

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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CERTIFICAT D'ANALYSE VO14137099

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378351		<20	<0.01	<10	10	2	<10	<2	10
378352		<20	<0.01	<10	<10	1	<10	<2	<10
378353		<20	<0.01	<10	<10	<1	<10	6	<10
378354		<20	<0.01	<10	<10	1	<10	2	<10
378355		<20	<0.01	<10	<10	1	<10	<2	<10
378356		<20	<0.01	<10	<10	<1	<10	<2	<10
378357		<20	<0.01	<10	10	7	<10	<2	<10
378358		<20	<0.01	<10	<10	15	<10	2	<10
378359		<20	<0.01	<10	<10	4	<10	<2	<10
378360		<20	<0.01	<10	<10	6	<10	10	<10
378361		<20	<0.01	<10	<10	8	<10	6	<10
378362		<20	<0.01	<10	<10	3	<10	<2	<10
378363		<20	0.01	<10	<10	15	<10	22	<10
378364		<20	<0.01	<10	<10	4	<10	23	<10
378365		<20	<0.01	<10	<10	5	<10	15	<10
378366		<20	<0.01	<10	<10	7	<10	3	<10
378367		<20	<0.01	<10	<10	3	<10	7	<10
378368		<20	<0.01	<10	<10	<1	<10	4	<10
378369		<20	<0.01	<10	<10	3	<10	6	<10
378370		<20	<0.01	<10	<10	<1	<10	<2	<10
378371		<20	<0.01	<10	<10	1	<10	9	<10
378372		<20	<0.01	<10	<10	10	<10	15	<10
378373		<20	<0.01	<10	<10	2	<10	2	<10
378374		<20	<0.01	<10	<10	4	<10	8	<10
378375		<20	0.41	<10	<10	50	<10	208	<10
378376		<20	<0.01	<10	10	9	<10	421	<10
378377		<20	<0.01	<10	<10	15	<10	62	<10
378378		<20	0.01	<10	<10	26	<10	34	<10
378379		<20	0.01	<10	<10	24	<10	62	<10
378380		<20	<0.01	<10	<10	2	<10	23	<10
378381		<20	<0.01	<10	<10	21	<10	31	<10
378382		<20	<0.01	<10	<10	<1	<10	27	<10
378383		<20	<0.01	<10	<10	9	<10	24	<10
378384		<20	<0.01	<10	<10	14	<10	83	<10
378385		<20	<0.01	<10	<10	1	<10	6	<10
378386		<20	<0.01	<10	<10	4	<10	2	<10
378387		<20	0.01	<10	10	121	<10	143	<10
378388		<20	<0.01	<10	<10	<1	<10	<2	<10
378389		<20	<0.01	<10	<10	20	<10	33	<10
378390		<20	<0.01	<10	<10	2	<10	41	<10

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Finalisée date: 17- OCT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137099

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
378391		0.41	0.007	<0.2	0.04	<2	<10	10	<0.5	<2	0.74	<0.5	<1	4	<1	7.34
378392		0.63	0.033	<0.2	0.01	<2	<10	<10	<0.5	<2	0.01	<0.5	<1	19	10	1.35
378393		0.85	0.006	<0.2	0.02	<2	<10	<10	<0.5	<2	4.36	1.5	2	2	<1	19.1
378394		0.66	<0.005	<0.2	0.02	2	<10	<10	<0.5	<2	0.01	<0.5	<1	13	4	1.03
378395		1.02	4.73	3.9	<0.01	2	<10	<10	<0.5	<2	<0.01	<0.5	1	26	6	0.94
378396		0.48	<0.005	<0.2	0.05	3	<10	20	<0.5	<2	0.60	<0.5	16	9	86	2.79
378397		0.86	<0.005	<0.2	2.47	2	<10	10	<0.5	<2	0.86	<0.5	28	3	251	6.58
378398		0.54	0.007	<0.2	0.04	8	<10	10	<0.5	<2	6.7	<0.5	1	13	4	0.57
378399		0.95	<0.005	<0.2	0.18	<2	<10	<10	<0.5	2	0.32	<0.5	2	10	15	0.78
378400		0.09	0.591	1.0	1.52	97	<10	50	0.7	5	0.73	2.5	22	52	78	5.07
375851		0.70	<0.005	0.2	0.34	<2	<10	20	1.9	4	0.34	<0.5	3	9	14	24.0
375852		0.53	<0.005	0.3	0.86	<2	<10	<10	<0.5	<2	0.18	<0.5	12	5	74	11.85
375853		0.86	0.006	0.7	1.80	2	<10	10	<0.5	3	0.99	<0.5	159	7	151	26.5
375854		0.56	<0.005	0.4	0.93	<2	<10	<10	<0.5	2	0.11	<0.5	95	18	96	17.70
375855		0.89	<0.005	0.3	1.02	<2	<10	<10	<0.5	2	0.60	<0.5	2	19	9	17.10
375856		0.69	<0.005	<0.2	0.95	<2	<10	10	<0.5	<2	0.05	0.8	9	5	108	5.75
375857		0.74	<0.005	<0.2	0.05	14	<10	<10	<0.5	2	0.01	<0.5	<1	8	4	0.91
375858		0.78	<0.005	<0.2	0.01	2	<10	<10	<0.5	3	0.31	<0.5	2	13	5	1.95
375859		0.49	0.191	0.4	1.59	2	<10	10	<0.5	3	0.30	<0.5	15	87	451	2.85
375860		0.78	0.009	<0.2	2.37	<2	<10	<10	<0.5	<2	1.26	0.9	27	35	181	4.96
375861		0.51	0.010	<0.2	2.42	<2	<10	<10	<0.5	2	0.77	<0.5	35	56	105	6.19
375862		1.26	<0.005	<0.2	0.02	3	<10	<10	<0.5	<2	0.01	<0.5	1	17	7	1.57
375863		1.06	<0.005	<0.2	0.02	2	<10	<10	<0.5	2	0.01	<0.5	2	33	8	1.82
375864		1.03	<0.005	<0.2	1.37	<2	<10	30	1.0	<2	1.79	<0.5	3	38	1	9.12
375865		1.00	0.010	<0.2	4.76	203	<10	10	0.7	<2	0.02	<0.5	2	120	19	19.7
375866		0.58	<0.005	<0.2	0.01	<2	<10	<10	<0.5	3	<0.01	<0.5	<1	24	2	1.01
375867		0.57	0.019	1.8	0.12	<2	<10	<10	<0.5	2	0.52	<0.5	1	4	94	17.4
375868		0.52	<0.005	<0.2	0.02	2	<10	<10	<0.5	<2	0.02	<0.5	1	25	4	1.09
375869		0.85	<0.005	<0.2	0.02	<2	<10	<10	<0.5	2	0.07	<0.5	1	13	10	3.76
375870		0.66	0.006	0.4	0.06	<2	<10	<10	<0.5	3	0.07	<0.5	<1	12	13	1.07
375871		0.27	<0.005	0.2	0.12	6	<10	<10	<0.5	<2	0.80	<0.5	40	9	58	5.13
375872		0.26	0.006	0.2	0.03	33	<10	10	<0.5	<2	0.01	<0.5	<1	21	3	1.15
375873		0.65	0.006	6.2	0.18	16	<10	10	<0.5	2	0.06	<0.5	4	9	146	7.80
375874		0.57	0.006	0.2	1.75	<2	<10	30	<0.5	<2	0.01	<0.5	4	31	139	7.64
375875		0.09	0.577	1.0	1.48	98	<10	50	0.7	7	0.71	2.3	21	51	78	5.02
375876		0.38	<0.005	0.2	0.08	<2	<10	10	<0.5	<2	0.19	<0.5	6	25	33	2.73
375877		0.68	<0.005	<0.2	0.07	<2	<10	<10	<0.5	<2	10.6	<0.5	4	3	11	22.3
375878		0.75	<0.005	<0.2	0.03	<2	<10	<10	<0.5	2	8.4	<0.5	14	2	112	14.7
375879		0.55	0.040	0.3	4.01	5	<10	30	3.3	2	0.82	<0.5	20	40	124	23.2
375880		0.75	<0.005	0.2	2.25	<2	<10	<10	<0.5	<2	0.35	<0.5	19	7	71	8.46

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Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137099

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
378391		<10	<1	<0.01	<10	0.22	2970	<1	0.01	<1	80	4	0.06	2	<1	14
378392		<10	1	<0.01	<10	0.01	96	<1	0.01	2	<10	<2	0.53	<2	<1	1
378393		<10	1	<0.01	<10	3.44	4840	<1	0.01	<1	390	5	0.14	<2	<1	75
378394		<10	1	0.01	<10	0.02	154	<1	0.01	<1	<10	<2	0.19	<2	<1	1
378395		<10	1	<0.01	<10	<0.01	47	<1	0.01	2	<10	<2	0.47	<2	<1	1
378396		<10	<1	0.01	<10	0.14	1945	<1	0.02	25	100	7	0.77	<2	2	22
378397		10	1	0.02	<10	1.23	811	<1	0.06	8	940	2	0.48	<2	6	11
378398		<10	1	0.01	<10	3.81	223	<1	0.01	1	130	<2	0.16	<2	<1	26
378399		<10	<1	<0.01	<10	0.14	167	<1	0.01	4	20	2	0.01	<2	1	3
378400		10	<1	0.34	10	1.69	447	1	0.57	88	1050	110	2.32	<2	1	180
375851		<10	<1	0.16	10	1.32	10050	1	0.01	6	550	3	1.76	<2	1	6
375852		<10	<1	0.01	<10	0.40	623	<1	<0.01	47	30	2	5.51	<2	2	2
375853		10	<1	0.02	<10	0.71	1735	1	<0.01	137	360	7	>10.0	<2	5	16
375854		<10	<1	0.01	<10	0.61	2380	1	<0.01	45	460	6	4.66	<2	1	4
375855		<10	<1	<0.01	<10	1.44	9550	<1	<0.01	9	310	3	1.07	<2	2	12
375856		<10	<1	0.15	20	0.69	182	8	<0.01	56	660	5	2.18	<2	1	6
375857		<10	<1	0.01	<10	0.03	67	1	<0.01	2	20	77	0.11	<2	<1	<1
375858		<10	1	<0.01	<10	0.10	235	<1	<0.01	2	10	<2	0.57	<2	<1	3
375859		<10	<1	0.12	<10	1.19	370	<1	0.02	41	120	2	0.08	<2	3	3
375860		10	<1	0.03	<10	1.49	843	<1	0.07	33	390	5	0.31	<2	8	15
375861		10	<1	<0.01	<10	1.67	703	<1	0.03	52	550	2	0.82	<2	3	11
375862		<10	<1	<0.01	<10	0.01	64	<1	<0.01	4	10	<2	0.75	<2	<1	<1
375863		<10	<1	<0.01	<10	0.02	69	<1	<0.01	5	<10	<2	0.99	<2	<1	1
375864		10	<1	0.49	20	0.90	5170	<1	0.06	6	1740	4	0.05	<2	1	45
375865		20	<1	0.09	<10	2.48	2320	<1	<0.01	3	520	9	0.53	<2	13	15
375866		<10	<1	<0.01	<10	<0.01	66	<1	<0.01	1	30	<2	0.02	<2	<1	<1
375867		<10	<1	<0.01	<10	0.78	4250	<1	<0.01	59	170	21	8.14	<2	1	16
375868		<10	<1	<0.01	<10	0.01	85	<1	<0.01	2	10	3	0.11	<2	<1	1
375869		<10	<1	<0.01	<10	0.17	593	<1	<0.01	4	50	3	0.63	<2	<1	2
375870		<10	<1	0.03	<10	0.02	79	20	<0.01	2	560	25	0.12	<2	<1	4
375871		<10	<1	0.01	<10	0.44	1135	<1	<0.01	10	150	6	3.11	<2	<1	46
375872		<10	<1	0.07	<10	<0.01	39	39	<0.01	4	120	19	0.20	<2	<1	3
375873		<10	<1	0.08	20	0.02	777	102	<0.01	38	3370	59	0.12	3	1	8
375874		10	1	0.22	10	0.72	478	2	<0.01	6	150	3	0.13	<2	1	1
375875		10	<1	0.33	10	1.65	436	1	0.56	87	1040	113	2.29	<2	1	176
375876		<10	<1	0.04	<10	0.01	175	<1	<0.01	14	390	6	1.50	<2	<1	12
375877		<10	<1	0.01	<10	5.50	9820	<1	<0.01	<1	510	11	0.56	<2	<1	42
375878		<10	<1	0.01	<10	2.97	2420	<1	<0.01	21	530	9	4.44	2	<1	43
375879		10	<1	0.01	50	2.19	5780	4	<0.01	43	2410	26	1.61	<2	7	19
375880		10	<1	<0.01	<10	0.70	735	<1	<0.01	54	30	12	1.05	<2	1	5

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CERTIFICAT D'ANALYSE VO14137099

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
378391		<20	<0.01	<10	<10	3	<10	11	<10
378392		<20	<0.01	<10	<10	<1	<10	<2	<10
378393		<20	<0.01	<10	<10	3	<10	15	<10
378394		<20	<0.01	<10	<10	1	<10	6	<10
378395		<20	<0.01	<10	<10	<1	<10	<2	<10
378396		<20	<0.01	<10	<10	1	<10	23	<10
378397		<20	0.40	<10	<10	135	<10	57	<10
378398		<20	0.01	<10	<10	5	<10	10	<10
378399		<20	<0.01	<10	<10	12	<10	8	<10
378400		<20	0.42	<10	<10	53	<10	217	<10
375851		<20	<0.01	<10	<10	26	<10	33	<10
375852		<20	<0.01	<10	<10	36	<10	57	<10
375853		<20	0.01	<10	<10	83	<10	119	<10
375854		<20	0.01	<10	<10	45	<10	79	<10
375855		<20	0.01	<10	<10	53	<10	83	<10
375856		<20	<0.01	<10	<10	7	<10	176	<10
375857		<20	<0.01	<10	<10	12	<10	3	<10
375858		<20	<0.01	<10	<10	<1	<10	40	<10
375859		<20	0.13	<10	<10	61	<10	33	<10
375860		<20	0.35	<10	<10	96	<10	122	<10
375861		<20	0.28	<10	<10	127	<10	55	<10
375862		<20	<0.01	<10	<10	1	<10	<2	<10
375863		<20	<0.01	<10	<10	1	<10	<2	<10
375864		<20	0.05	<10	<10	78	<10	11	<10
375865		<20	0.05	<10	<10	287	<10	112	<10
375866		<20	<0.01	<10	<10	1	<10	<2	<10
375867		<20	<0.01	<10	<10	12	<10	35	<10
375868		<20	<0.01	<10	<10	1	<10	3	<10
375869		<20	<0.01	<10	<10	3	<10	10	<10
375870		<20	<0.01	<10	<10	39	<10	20	<10
375871		<20	<0.01	<10	<10	7	<10	8	<10
375872		<20	<0.01	<10	<10	49	<10	20	<10
375873		<20	<0.01	<10	20	133	<10	206	<10
375874		<20	0.02	<10	<10	31	<10	74	<10
375875		<20	0.42	<10	<10	52	<10	212	<10
375876		<20	<0.01	<10	<10	1	<10	43	<10
375877		<20	<0.01	<10	<10	5	<10	8	<10
375878		<20	<0.01	<10	<10	5	<10	5	<10
375879		<20	0.02	<10	<10	100	<10	103	<10
375880		<20	0.01	<10	<10	55	<10	64	<10

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CERTIFICAT D'ANALYSE VO14137099

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
375881		0.72	<0.005	<0.2	4.11	<2	<10	10	<0.5	2	0.30	<0.5	21	33	101	27.5
375882		0.49	0.044	0.2	0.35	<2	<10	<10	<0.5	2	1.16	1.0	88	19	578	12.85
375883		0.57	<0.005	0.2	0.35	<2	<10	30	<0.5	<2	0.99	0.5	13	23	58	28.7
375884		0.46	0.006	<0.2	0.13	<2	<10	20	<0.5	<2	0.17	<0.5	3	7	6	7.36
375885		0.55	<0.005	<0.2	0.01	7	<10	<10	<0.5	<2	1.49	0.5	2	15	28	7.11
375886		0.92	0.011	0.2	0.03	<2	<10	<10	<0.5	4	4.36	2.0	6	2	314	26.1
375887		0.78	<0.005	<0.2	0.01	<2	<10	<10	<0.5	<2	0.16	<0.5	2	8	21	2.37
375888		0.28	<0.005	<0.2	<0.01	<2	<10	<10	<0.5	<2	0.81	<0.5	1	19	2	2.38
375889		0.85	<0.005	<0.2	0.04	5	<10	<10	<0.5	<2	0.18	<0.5	3	7	10	6.66
375890		0.85	<0.005	<0.2	0.01	3	<10	<10	<0.5	<2	0.01	<0.5	<1	9	3	1.04
375891		0.76	0.008	<0.2	1.10	<2	<10	<10	<0.5	2	0.03	<0.5	<1	21	7	4.31
375892		0.74	0.247	<0.2	1.11	<2	<10	10	<0.5	<2	0.85	0.6	40	8	166	13.20

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137099

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
375881		10	<1	0.01	<10	2.21	5800	<1	<0.01	38	640	9	0.32	8	3	6
375882		<10	<1	0.01	<10	0.35	1940	<1	<0.01	192	60	9	5.88	<2	1	20
375883		<10	<1	0.18	<10	2.19	10250	<1	0.01	11	550	8	0.46	4	2	22
375884		<10	<1	0.04	<10	0.15	4520	<1	<0.01	4	90	2	0.02	<2	1	4
375885		<10	<1	<0.01	<10	1.00	1015	<1	<0.01	10	80	6	0.97	<2	<1	13
375886		<10	<1	0.01	<10	2.46	3380	<1	<0.01	80	160	13	>10.0	<2	<1	76
375887		<10	<1	<0.01	<10	0.09	326	<1	<0.01	11	120	<2	0.67	<2	<1	3
375888		<10	1	<0.01	<10	0.34	457	<1	<0.01	1	90	<2	0.13	<2	<1	11
375889		<10	1	<0.01	<10	0.76	1120	<1	<0.01	2	70	<2	0.58	<2	<1	2
375890		<10	<1	<0.01	<10	0.01	106	<1	<0.01	<1	10	<2	0.08	<2	<1	1
375891		10	<1	0.03	<10	0.63	324	<1	<0.01	1	70	<2	0.10	<2	1	2
375892		10	1	0.02	<10	1.11	2090	<1	<0.01	35	40	6	6.09	<2	3	27

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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À: MINES VIRGINIA INC.
300, RUE ST- PAUL
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QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 17- OCT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137099

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
375881		<20	0.02	<10	<10	83	<10	156	<10
375882		<20	<0.01	<10	<10	23	<10	182	<10
375883		<20	0.01	<10	<10	22	<10	66	<10
375884		<20	<0.01	<10	<10	8	<10	11	<10
375885		<20	<0.01	<10	<10	1	<10	15	<10
375886		<20	<0.01	<10	<10	3	<10	42	<10
375887		<20	<0.01	<10	<10	<1	<10	7	<10
375888		<20	<0.01	<10	<10	1	<10	4	<10
375889		<20	<0.01	<10	<10	3	<10	14	<10
375890		<20	<0.01	<10	<10	1	<10	<2	<10
375891		<20	0.01	<10	<10	42	<10	49	<10
375892		<20	0.01	<10	<10	53	<10	49	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 17- OCT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14137099

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:

Au- AA23	CRU- 31	CRU- QC	LOG- 21
LOG- 23	PUL- 31	PUL- QC	SPL- 21
WEI- 21			

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:

ME- ICP41

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2014
Compte: MINVIR

CERTIFICAT VO14145770

Projet: KAN

Ce rapport s'applique aux 17 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 14- SEPT- 2014.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
CRU- QC	Test concassage QC
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP41	Aqua regia ICP- AES 35 éléments	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: MINES VIRGINIA INC.
ATTN: PAUL ARCHER
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14145770

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
375901		0.61	<0.005	<0.2	7.80	4	<10	<10	<0.5	3	0.02	1.6	34	39	<1	17.0
375902		0.57	0.251	<0.2	0.84	<2	<10	40	0.5	5	0.25	<0.5	10	17	26	40.2
375903		0.42	0.336	0.3	0.10	2	<10	10	<0.5	2	0.76	<0.5	2	6	5	6.98
375904		0.45	<0.005	<0.2	0.16	<2	<10	<10	<0.5	<2	0.20	<0.5	1	10	34	6.26
375905		0.70	<0.005	<0.2	0.29	<2	<10	<10	<0.5	2	8.5	2.3	2	3	8	16.1
375906		0.48	<0.005	<0.2	<0.01	19	<10	<10	<0.5	<2	0.02	<0.5	1	20	1	0.80
375907		0.70	0.005	0.2	0.01	26	<10	<10	<0.5	2	0.03	<0.5	41	9	89	7.55
375908		0.75	<0.005	<0.2	<0.01	<2	<10	<10	<0.5	<2	0.06	<0.5	6	21	13	2.30
375909		0.38	<0.005	<0.2	0.02	<2	<10	10	<0.5	<2	<0.01	<0.5	3	4	2	9.72
375910		0.32	<0.005	<0.2	0.03	<2	<10	<10	<0.5	<2	0.43	1.3	6	7	24	8.37
375911		0.60	<0.005	<0.2	0.01	<2	<10	<10	<0.5	<2	0.10	<0.5	2	19	5	1.86
375912		0.46	<0.005	<0.2	0.01	<2	<10	<10	<0.5	<2	0.98	<0.5	1	10	1	1.78
375913		0.71	<0.005	<0.2	<0.01	2	<10	<10	<0.5	<2	0.01	<0.5	2	15	14	1.63
375914		0.48	<0.005	<0.2	0.04	<2	<10	<10	<0.5	<2	0.01	<0.5	1	21	<1	1.60
375915		0.41	0.044	<0.2	<0.01	16	<10	<10	<0.5	<2	1.34	0.7	2	4	<1	10.45
304101		0.62	<0.005	<0.2	0.02	3	<10	<10	<0.5	<2	12.3	1.5	4	10	2	8.41
304102		0.58	<0.005	0.2	0.01	56	<10	<10	<0.5	<2	0.38	<0.5	3	2	51	26.3

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14145770

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
375901		20	<1	0.04	<10	5.55	331	<1	<0.01	97	60	<2	0.01	<2	44	1
375902		<10	<1	0.17	<10	1.72	8420	<1	<0.01	4	410	10	0.38	<2	2	7
375903		<10	1	0.01	<10	0.24	2280	<1	<0.01	1	100	3	0.06	<2	<1	5
375904		<10	<1	<0.01	<10	0.29	1275	<1	<0.01	7	90	<2	0.23	<2	<1	3
375905		<10	<1	0.01	<10	4.63	4160	<1	<0.01	<1	620	7	0.19	<2	<1	115
375906		<10	<1	<0.01	<10	0.01	74	<1	0.01	2	10	<2	0.42	<2	<1	<1
375907		<10	<1	<0.01	<10	0.04	348	<1	<0.01	26	40	8	4.88	<2	<1	<1
375908		<10	1	<0.01	<10	0.09	636	<1	<0.01	3	120	<2	0.14	<2	<1	2
375909		<10	<1	0.01	<10	0.05	3460	<1	<0.01	1	90	3	0.07	<2	<1	<1
375910		<10	<1	0.01	<10	0.16	3710	<1	<0.01	7	180	2	0.09	<2	<1	5
375911		<10	<1	<0.01	<10	0.03	512	<1	<0.01	<1	100	<2	0.11	<2	<1	2
375912		<10	<1	0.01	<10	0.39	1015	<1	<0.01	1	60	<2	<0.01	<2	<1	10
375913		<10	<1	<0.01	<10	0.04	235	<1	<0.01	8	10	<2	0.29	<2	<1	1
375914		<10	1	0.01	<10	0.03	684	<1	<0.01	1	50	<2	<0.01	<2	<1	1
375915		<10	<1	<0.01	<10	1.17	1730	<1	<0.01	1	80	3	0.17	<2	<1	5
304101		<10	1	0.01	<10	4.93	2150	<1	<0.01	2	120	3	0.19	2	1	110
304102		<10	<1	<0.01	<10	2.36	3050	<1	<0.01	10	490	6	1.63	<2	<1	2

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

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À: MINES VIRGINIA INC.
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plus les pages d'annexe
Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14145770

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
375901		<20	0.03	10	<10	454	<10	106	<10
375902		<20	<0.01	<10	<10	66	<10	17	10
375903		<20	<0.01	<10	<10	8	<10	3	<10
375904		<20	<0.01	<10	<10	9	<10	29	<10
375905		<20	<0.01	<10	<10	12	<10	25	<10
375906		<20	<0.01	<10	<10	<1	<10	<2	<10
375907		<20	<0.01	<10	<10	<1	<10	20	<10
375908		<20	<0.01	<10	<10	<1	<10	4	<10
375909		<20	<0.01	<10	<10	1	<10	11	<10
375910		<20	<0.01	<10	<10	2	<10	253	<10
375911		<20	<0.01	<10	<10	<1	<10	17	<10
375912		<20	<0.01	<10	<10	1	<10	3	<10
375913		<20	<0.01	<10	<10	<1	<10	34	<10
375914		<20	<0.01	<10	<10	1	<10	10	<10
375915		<20	<0.01	<10	<10	3	<10	<2	<10
304101		<20	<0.01	<10	<10	4	<10	9	<10
304102		<20	<0.01	<10	<10	5	<10	42	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
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À: MINES VIRGINIA INC.
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Finalisée date: 28- SEPT- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14145770

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	CRU- QC	LOG- 21
	PUL- 31	PUL- QC	SPL- 21	WEI- 21

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP41

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- NOV- 2014
Compte: MINVIR

CERTIFICAT VO14160923

Projet: KAN

Ce rapport s'applique à 1 échantillon de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 20- OCT- 2014.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI- 21	Poids échantillon reçu
LOG- 21	Entrée échantillon - Code barre client
CRU- 31	Granulation - 70 % < 2 mm
SPL- 21	Échant. fractionné - div. riffles
PUL- 31	Pulvérisé à 85 % < 75 um
PUL- QC	Test concassage QC

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME- ICP41	Aqua regia ICP- AES 35 éléments	ICP- AES
Au- AA23	Au 30 g fini FA- AA	AAS

À: MINES VIRGINIA INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
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À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- NOV- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14160923

Description échantillon	Méthode élément unités L.D.	WEI- 21 Poids reçu kg 0.02	Au- AA23 Au ppm 0.005	ME- ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME- ICP41 B ppm 10	ME- ICP41 Ba ppm 10	ME- ICP41 Be ppm 0.5	ME- ICP41 Bi ppm 2	ME- ICP41 Ca % 0.01	ME- ICP41 Cd ppm 0.5	ME- ICP41 Co ppm 1	ME- ICP41 Cr ppm 1	ME- ICP41 Cu ppm 1	ME- ICP41 Fe % 0.01
367169		1.53	3.71	0.5	0.62	<2	<10	10	<0.5	4	2.14	0.6	3	14	27	23.1

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- NOV- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14160923

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Ga ppm 10	ME- ICP41 Hg ppm 1	ME- ICP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME- ICP41 Mn ppm 5	ME- ICP41 Mo ppm 1	ME- ICP41 Na % 0.01	ME- ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME- ICP41 Pb ppm 2	ME- ICP41 S % 0.01	ME- ICP41 Sb ppm 2	ME- ICP41 Sc ppm 1	ME- ICP41 Sr ppm 1
367169		<10	1	0.14	<10	2.76	7840	<1	0.01	8	620	9	1.85	4	1	45

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
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À: MINES VIRGINIA INC.
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plus les pages d'annexe
Finalisée date: 4- NOV- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14160923

Description échantillon	Méthode élément unités L.D.	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME- ICP41 Tl ppm 10	ME- ICP41 U ppm 10	ME- ICP41 V ppm 1	ME- ICP41 W ppm 10	ME- ICP41 Zn ppm 2	ME- ICP41 Sn ppm 10
367169		<20	0.01	<10	<10	31	<10	154	<10

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 4- NOV- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14160923

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applique à la Méthode:				
	Au- AA23	CRU- 31	LOG- 21	PUL- 31
	PUL- QC	SPL- 21	WEI- 21	

Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applique à la Méthode:	
	ME- ICP41

ALS Canada Ltd.

2103 Dollarton Hwy
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Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- NOV- 2014
Compte: MINVIR

CERTIFICAT VO14164029

Projet: KAN

Ce rapport s'applique aux 3 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- OCT- 2014.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
PGM- ICP27	Teneur marchande Pt, Pd et Au par ICP	ICP- AES

À: MINES VIRGINIA INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- NOV- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14164029

Description échantillon	Méthode élément unités L.D.	PGM- ICP27 Pt ppm 0.03	PGM- ICP27 Pd ppm 0.03
375817		<0.03	<0.03
378602		<0.03	<0.03
378673		<0.03	<0.03

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À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- NOV- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14164029

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
PGM- ICP27

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- NOV- 2014
Compte: MINVIR

CERTIFICAT VO14165200

Projet: KAN

Ce rapport s'applique à 1 échantillon de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- OCT- 2014.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
PGM- ICP27	Teneur marchande Pt, Pd et Au par ICP	ICP- AES

À: MINES VIRGINIA INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- NOV- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14165200

Description échantillon	Méthode élément unités L.D.	PGM- ICP27 Pt ppm 0.03	PGM- ICP27 Pd ppm 0.03
378517		<0.03	<0.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- NOV- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14165200

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
PGM- ICP27

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- NOV- 2014
Compte: MINVIR

CERTIFICAT VO14165201

Projet: KAN

Ce rapport s'applique à 1 échantillon de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 28- OCT- 2014.

Les résultats sont transmis à:

PAUL ARCHER	PASCAL SIMARD	SYLVAIN TREPANIER

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
FND- 02	Local. échantillon pour analyse suppl.

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
PGM- ICP27	Teneur marchande Pt, Pd et Au par ICP	ICP- AES

À: MINES VIRGINIA INC.
ATTN: PASCAL SIMARD
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

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Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
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À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

plus les pages d'annexe
Finalisée date: 1- NOV- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14165201

Description échantillon	Méthode élément unités L.D.	PGM- ICP27 Pt ppm 0.03	PGM- ICP27 Pd ppm 0.03
378437		<0.03	<0.03

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Téléphone: 604 984 0221 Télécopieur: 604 984 0218
www.alsglobal.com

À: MINES VIRGINIA INC.
300, RUE ST- PAUL
BUREAU 200
QUEBEC QC G1K 7R1

Finalisée date: 1- NOV- 2014
Compte: MINVIR

Projet: KAN

CERTIFICAT D'ANALYSE VO14165201

COMMENTAIRE DE CERTIFICAT

ADRESSE DE LABORATOIRE

Applique à la Méthode: Traité à ALS Val d'Or, 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND- 02

Applique à la Méthode: Traité à ALS Vancouver, 2103 Dollarton Hwy, North Vancouver, BC, Canada.
PGM- ICP27

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-Sep-14
Invoice No.: A14-06659
Invoice Date: 02-Oct-14
Your Reference: FOSSE-AU

Mines Virginia Inc.
300 Rue St-Paul
Suite 200
Quebec QC G1K 7R1
Canada

ATTN: Pascal Simard

CERTIFICATE OF ANALYSIS

13 Soil samples were submitted for analysis.

The following analytical package was requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A14-06659**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-14-001F	24	< 0.3	197	< 0.3	< 1	11	26	78	0.06	8.09	5.5	550	3	< 2	1.07	11.7	15	35	6	2.0	6.25	5	< 1
FAU-14-002F	< 2	< 0.3	58	< 0.3	< 1	13	26	49	0.03	7.53	8.7	740	2	< 2	1.56	8.2	17	60	2	0.9	4.07	7	< 1
FAU-14-003F	< 2	0.4	33	< 0.3	< 1	14	24	57	0.02	7.31	5.7	730	2	< 2	2.18	< 0.5	13	49	< 1	0.8	3.40	6	< 1
FAU-14-004F	< 2	< 0.3	33	< 0.3	< 1	15	26	63	0.02	7.53	5.9	670	2	< 2	1.75	< 0.5	12	55	< 1	0.8	3.48	8	< 1
FAU-14-005F	< 2	0.5	24	< 0.3	< 1	15	26	62	0.02	8.07	2.8	680	2	< 2	1.75	< 0.5	13	48	< 1	0.9	3.65	9	< 1
FAU-14-006F	6	0.5	48	< 0.3	< 1	15	26	65	0.02	7.56	5.9	710	2	< 2	1.85	< 0.5	14	54	< 1	1.1	3.80	7	< 1
FAU-14-007F	13	< 0.3	71	< 0.3	< 1	11	45	60	0.01	7.59	12.7	670	2	< 2	1.41	< 0.5	16	84	< 1	1.8	4.53	8	< 1
FAU-14-008F	< 2	< 0.3	170	0.4	< 1	18	95	118	0.02	7.51	13.5	430	3	< 2	0.84	< 0.5	49	104	3	2.5	8.41	8	< 1
FAU-14-009F	< 2	0.5	34	< 0.3	< 1	5	25	47	0.02	6.17	5.2	770	2	5	0.88	7.4	12	91	< 1	1.2	5.02	8	< 1
FAU-14-010F	< 2	< 0.3	265	0.3	< 1	16	71	98	0.02	7.43	28.8	570	2	< 2	1.25	< 0.5	34	92	< 1	1.5	7.34	6	< 1
FAU-14-011F	15	< 0.3	133	0.4	< 1	25	79	106	0.02	7.54	14.0	810	2	< 2	0.99	< 0.5	33	102	3	1.7	7.36	7	< 1
FAU-14-012F	< 2	< 0.3	78	< 0.3	< 1	10	41	60	0.02	7.53	11.2	770	2	< 2	1.60	4.9	17	92	< 1	0.9	5.32	8	< 1
FAU-14-013F	< 2	< 0.3	97	0.6	< 1	20	66	144	0.02	7.20	11.9	540	2	< 2	1.20	< 0.5	33	88	< 1	1.7	6.58	8	< 1

Results

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
FAU-14-001F	< 5	2.23	28	1.12	856	1.32	0.129	68	0.2	14.9	< 3	125	< 0.5	0.42	18.6	8.6	61	< 1	30	64.7	121	43	7.7
FAU-14-002F	< 5	2.30	18	0.96	569	2.10	0.066	96	< 0.1	9.6	< 3	281	< 0.5	0.33	9.9	< 0.5	90	< 1	12	23.8	62	20	4.0
FAU-14-003F	< 5	2.58	15	1.17	586	2.30	0.097	99	0.4	8.8	< 3	313	< 0.5	0.31	9.1	1.6	64	< 1	14	27.4	68	23	3.9
FAU-14-004F	< 5	2.65	17	1.02	561	2.18	0.085	< 15	0.3	9.4	< 3	312	< 0.5	0.25	11.8	1.9	56	< 1	15	28.8	61	22	4.2
FAU-14-005F	< 5	2.70	16	1.02	567	2.44	0.094	115	0.5	9.0	< 3	331	< 0.5	0.33	9.8	< 0.5	72	< 1	14	30.4	75	20	4.3
FAU-14-006F	< 5	2.75	16	1.06	548	2.23	0.100	138	< 0.1	9.1	< 3	311	< 0.5	0.32	9.6	1.8	67	< 1	16	29.7	64	19	4.2
FAU-14-007F	< 5	2.06	24	1.11	473	1.88	0.065	< 15	< 0.1	11.2	< 3	232	< 0.5	0.13	8.4	3.0	29	< 1	19	37.0	78	24	6.4
FAU-14-008F	< 5	1.83	36	1.45	1070	1.54	0.089	76	< 0.1	14.6	< 3	136	4.2	0.10	13.0	< 0.5	37	< 1	25	59.0	155	60	9.9
FAU-14-009F	< 5	1.76	25	0.87	373	1.89	0.052	95	< 0.1	12.0	< 3	177	< 0.5	0.72	9.2	< 0.5	102	< 1	11	27.0	65	24	4.1
FAU-14-010F	< 5	1.82	30	1.32	1200	1.66	0.078	< 15	0.9	15.0	< 3	166	< 0.5	0.21	10.4	1.4	62	< 1	21	33.0	101	23	5.9
FAU-14-011F	< 5	1.90	33	1.33	1080	1.58	0.083	< 15	< 0.1	13.8	< 3	167	< 0.5	0.14	10.8	2.7	32	< 1	23	41.6	122	28	7.2
FAU-14-012F	< 5	1.74	23	1.36	668	1.73	0.035	< 15	< 0.1	13.8	< 3	201	< 0.5	0.20	5.4	< 0.5	43	< 1	14	18.5	56	11	3.7
FAU-14-013F	< 5	1.76	25	1.07	1640	1.76	0.075	66	< 0.1	12.1	< 3	189	< 0.5	0.10	11.0	< 0.5	19	< 1	22	32.6	126	26	7.8

Results

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
FAU-14-001F	< 0.01	1.0	2.4	0.20	19.6
FAU-14-002F	< 0.01	< 0.5	1.6	0.06	27.1
FAU-14-003F	< 0.01	< 0.5	1.4	0.12	28.6
FAU-14-004F	< 0.01	< 0.5	1.3	0.10	27.0
FAU-14-005F	< 0.01	< 0.5	1.6	0.10	26.6
FAU-14-006F	< 0.01	< 0.5	1.4	0.08	30.0
FAU-14-007F	< 0.01	< 0.5	1.5	0.11	28.5
FAU-14-008F	< 0.01	< 0.5	2.3	0.21	27.5
FAU-14-009F	< 0.01	< 0.5	1.4	0.07	22.1
FAU-14-010F	< 0.01	< 0.5	2.2	0.18	30.2
FAU-14-011F	< 0.01	< 0.5	2.0	0.16	30.2
FAU-14-012F	< 0.01	< 0.5	1.5	0.16	26.6
FAU-14-013F	< 0.01	< 0.5	1.9	0.08	32.5

QC

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas			1190	3.6	15	760			0.28	2.65			1	1420	0.92								
GXR-1 Cert			1110	3.30	18.0	730			0.257	3.52			1.22	1380	0.960								
GXR-4 Meas			6230	0.4	308	43			1.82	7.72			2	13	1.09								
GXR-4 Cert			6520	0.860	310	52.0			1.77	7.20			1.90	19.0	1.01								
SDC-1 Meas			30			22				8.62			3		1.14								
SDC-1 Cert			30.000			25.00				8.34			3.00		1.00								
GXR-6 Meas			72	< 0.3	< 1	98			0.02	13.5			1	< 2	0.18								
GXR-6 Cert			66.0	1.00	2.40	101			0.0160	17.7			1.40	0.290	0.180								
SAR-M (U.S.G.S.) Meas			330	5.3	4	1000				6.26			3	< 2	0.63								
SAR-M (U.S.G.S.) Cert			331.0000	5.27	13.1	982				6.30			2.20	1.94	0.61								
DMMAS 117 Meas	1670										1620	1310					43	69			3.23		
DMMAS 117 Cert	1718										1745	1228					42	76			3.11		
FAU-14-001F Orig			194	< 0.3	2	11			0.06	8.03			3	< 2	1.06								
FAU-14-001F Dup			199	< 0.3	< 1	10			0.06	8.16			3	< 2	1.08								
Method Blank	< 2										< 0.5	< 50				< 0.5	< 1	< 2	< 1	< 0.2	< 0.01	< 1	< 1
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								

QC

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas		0.05	9	0.24	878		0.061					311		0.03			87		28				
GXR-1 Cert		0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0				
GXR-4 Meas		2.92	12	1.78	165		0.134					223		0.29			87		13				
GXR-4 Cert		4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0				
SDC-1 Meas		2.63	34	1.07	874		0.057					189		0.12			40						
SDC-1 Cert		2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00						
GXR-6 Meas		1.90	32	0.62	1070		0.036					41					126		12				
GXR-6 Cert		1.87	32.0	0.609	1010		0.0350					35.0					186		14.0				
SAR-M (U.S.G.S.) Meas		2.50	28	0.50	5070		0.063					159		0.23			51		32				
SAR-M (U.S.G.S.) Cert		2.94	27.4	0.50	5220		0.07					151		0.38			67.2		28.00				
DMMAS 117 Meas						1.89			6.5	6.1						8.0				13.0	27		2.0
DMMAS 117 Cert						1.96			6.7	6.6						11.8				15.6	31		2.6
FAU-14-001F Orig		2.03	28	1.11	855		0.122					124		0.42			61		30				
FAU-14-001F Dup		2.43	28	1.13	858		0.136					127		0.42			61		30				
Method Blank	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5	< 3	< 5	< 0.1
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			0.001					< 1		< 0.01			< 2		< 1				

QC

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas					
GXR-1 Cert					
GXR-4 Meas					
GXR-4 Cert					
SDC-1 Meas					
SDC-1 Cert					
GXR-6 Meas					
GXR-6 Cert					
SAR-M (U.S.G.S.) Meas					
SAR-M (U.S.G.S.) Cert					
DMMAS 117 Meas					
DMMAS 117 Cert					
FAU-14-001F Orig					
FAU-14-001F Dup					
Method Blank	< 0.01	< 0.5	< 0.2	< 0.05	30.0
Method Blank					
Method Blank					
Method Blank					

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-Sep-14
Invoice No.: A14-06668
Invoice Date: 07-Oct-14
Your Reference: FOSSE-AU

Mines Virginia Inc.
300 Rue St-Paul
Suite 200
Quebec QC G1K 7R1
Canada

ATTN: Pascal Simard

CERTIFICATE OF ANALYSIS

499 Soil samples were submitted for analysis.

The following analytical package was requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A14-06668**

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Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
304401	< 2	< 0.3	50	1.3	2	9	16	26	0.02	0.52	< 0.5	< 50	< 1	3	0.05	< 0.5	4	15	< 1	0.5	24.1	< 1	< 1
304402	59	0.8	31	0.7	33	27	4	114	0.08	4.02	116	280	2	< 2	0.02	< 0.5	< 1	99	2	0.9	14.1	2	< 1
304403	62	2.8	59	0.5	16	19	21	144	0.10	5.31	29.1	730	< 1	< 2	0.69	9.5	4	62	< 1	0.8	12.1	7	< 1
304404	18	0.3	23	0.3	< 1	10	24	59	0.02	6.03	3.9	300	1	< 2	1.83	6.8	11	60	< 1	0.8	6.42	5	< 1
304405	< 2	< 0.3	20	< 0.3	< 1	14	25	65	0.05	7.08	4.6	410	2	< 2	1.59	< 0.5	10	60	< 1	1.2	3.16	4	< 1
304406	< 2	< 0.3	27	< 0.3	< 1	15	27	63	0.01	7.38	4.7	690	2	< 2	1.47	2.4	13	55	< 1	0.8	3.91	5	< 1
304407	< 2	0.4	12	< 0.3	< 1	12	15	37	0.02	6.55	4.0	560	1	< 2	1.21	3.0	7	48	3	0.3	2.65	5	< 1
304408	< 2	< 0.3	11	< 0.3	< 1	11	17	32	0.02	7.02	< 0.5	810	1	< 2	1.26	7.4	9	56	< 1	0.7	4.32	5	< 1
304409	< 2	< 0.3	27	< 0.3	< 1	12	24	58	0.02	5.87	4.1	450	2	< 2	1.17	4.3	10	76	< 1	0.9	6.23	4	< 1
304410	< 2	0.5	14	< 0.3	< 1	12	18	38	0.03	4.83	8.2	690	1	< 2	1.14	13.4	10	71	< 1	0.8	5.41	5	< 1
304411	< 2	0.8	4	< 0.3	< 1	11	18	34	0.01	6.82	3.6	900	1	< 2	1.61	< 0.5	12	104	< 1	1.1	5.32	17	< 1
304412	< 2	0.4	15	< 0.3	< 1	12	22	40	0.01	7.11	4.1	500	2	< 2	1.49	< 0.5	10	67	< 1	1.1	2.83	6	< 1
304413	< 2	< 0.3	14	< 0.3	< 1	12	19	42	0.02	6.79	7.7	460	2	< 2	1.48	8.4	6	54	3	0.6	3.89	6	< 1
304414	< 2	< 0.3	20	< 0.3	< 1	14	28	44	0.03	6.95	4.3	550	2	< 2	1.29	5.5	10	62	3	0.7	3.70	3	< 1
304415	< 2	< 0.3	80	2.4	< 1	23	103	355	0.06	0.93	40.5	< 50	< 1	< 2	0.56	39.7	42	< 2	< 1	0.5	15.5	< 1	< 1
304416	< 2	1.0	122	2.5	1	32	5	61	0.81	0.46	3.3	< 50	< 1	5	0.05	26.2	2	18	< 1	< 0.2	44.5	1	< 1
304417	< 2	0.6	12	< 0.3	< 1	13	24	49	0.02	7.29	< 0.5	700	1	< 2	1.65	< 0.5	12	66	< 1	0.7	3.21	5	< 1
304418	< 2	0.5	20	< 0.3	< 1	12	20	38	0.02	6.80	3.0	500	1	< 2	1.49	< 0.5	8	58	< 1	0.8	3.69	6	< 1
304419	< 2	0.4	12	< 0.3	< 1	14	21	48	0.02	7.22	< 0.5	620	1	< 2	1.49	< 0.5	9	45	2	0.6	2.77	5	< 1
304420	8	0.4	25	< 0.3	< 1	15	41	60	0.01	7.40	2.0	740	2	< 2	1.42	< 0.5	17	69	3	0.9	3.44	5	< 1
304421	< 2	0.5	14	< 0.3	< 1	11	24	39	0.01	5.78	3.0	670	1	< 2	1.35	< 0.5	8	67	2	0.7	2.86	6	< 1
304422	7	< 0.3	12	< 0.3	< 1	12	24	56	0.03	7.20	< 0.5	660	2	< 2	1.61	7.8	13	54	2	0.9	2.89	5	< 1
304423	< 2	0.5	18	< 0.3	< 1	13	26	49	0.01	7.27	< 0.5	710	1	< 2	1.53	< 0.5	14	64	< 1	0.9	3.30	7	< 1
304424	< 2	0.3	58	0.3	1	15	33	71	0.07	7.95	2.8	600	2	< 2	1.49	18.6	17	111	6	1.0	4.63	4	< 1
304425	< 2	0.5	25	< 0.3	< 1	19	30	51	0.05	6.54	4.3	580	1	< 2	1.57	7.2	15	68	< 1	1.1	4.92	8	< 1
303976	< 2	0.4	32	0.5	2	14	28	44	0.02	5.23	13.7	330	2	< 2	0.74	4.5	13	66	< 1	0.7	12.5	3	< 1
303977	< 2	< 0.3	28	0.5	< 1	4	12	9	0.01	0.77	< 0.5	< 50	< 1	< 2	0.11	3.3	7	23	< 1	0.2	11.1	< 1	< 1
303978	< 2	0.9	19	0.4	3	56	44	101	0.03	7.10	13.9	500	2	< 2	1.04	10.7	19	73	2	0.9	6.09	6	< 1
303979	26	3.3	69	1.2	87	122	30	271	0.09	4.44	362	250	1	< 2	0.30	8.5	< 1	62	< 1	0.4	14.1	3	< 1
303980	< 2	1.4	347	1.7	5	19	20	180	0.34	2.91	120	< 50	2	3	0.02	6.2	6	53	< 1	0.4	36.4	2	< 1
303981	< 2	< 0.3	152	0.5	5	9	38	116	0.03	6.78	< 0.5	100	1	< 2	0.07	< 0.5	18	105	3	0.3	9.39	2	< 1
303982	15	5.0	56	0.6	3	17	46	101	0.07	5.77	49.2	< 50	< 1	< 2	0.75	12.3	16	122	6	0.4	11.8	2	< 1
303983	< 2	< 0.3	150	0.7	< 1	9	114	85	0.04	5.31	34.9	< 50	< 1	< 2	0.91	5.9	47	105	4	1.0	11.7	2	< 1
303984	3	< 0.3	9	0.4	< 1	6	13	8	0.06	0.31	12.4	< 50	1	< 2	1.41	8.2	5	22	< 1	1.8	11.3	< 1	< 1
303985	18	0.5	411	0.7	< 1	76	62	63	0.05	5.83	14.9	< 50	< 1	< 2	2.32	11.4	21	133	< 1	0.6	10.4	3	< 1
303986	36	0.6	222	1.1	< 1	8	104	67	0.03	5.80	3.5	220	< 1	< 2	1.06	5.2	29	120	< 1	< 0.2	7.16	3	< 1
303987	147	0.3	52	1.4	< 1	8	16	40	0.14	1.31	2.0	< 50	< 1	< 2	1.04	4.3	8	31	5	0.5	20.8	< 1	< 1
303988	68	1.1	93	2.7	< 1	14	116	203	0.10	2.76	9.2	230	< 1	< 2	1.77	21.0	6	22	3	0.4	8.26	3	< 1
303989	28	1.1	74	1.0	27	87	3	153	0.24	2.45	91.0	< 50	< 1	2	0.03	< 0.5	< 1	62	< 1	0.6	21.2	1	< 1
303990	47	< 0.3	16	0.3	2	15	20	52	0.03	5.54	6.6	380	1	< 2	1.02	4.8	6	46	4	0.6	5.24	4	< 1
303991	18	0.4	31	0.5	< 1	35	15	11	0.02	0.28	5.3	< 50	< 1	< 2	0.13	3.9	8	9	< 1	0.2	11.3	< 1	< 1
303992	1230	0.6	60	2.1	< 1	21	11	61	0.11	0.95	3.9	< 50	< 1	3	1.38	20.9	10	29	< 1	1.7	32.6	< 1	< 1
303993	50	0.7	16	< 0.3	< 1	15	17	46	0.02	5.79	6.8	470	1	< 2	0.92	2.9	7	57	2	0.7	6.17	6	< 1
303994	91	1.1	61	1.0	3	20	28	50	0.05	3.71	18.5	320	1	< 2	0.67	16.3	14	59	< 1	0.9	16.9	2	< 1
303995	128	0.4	34	1.7	< 1	16	8	24	0.25	0.88	8.3	< 50	< 1	4	0.83	10.1	9	28	7	1.0	33.1	< 1	< 1
303996	601	< 0.3	33	1.0	< 1	9	10	22	0.26	0.51	39.2	< 50	< 1	< 2	3.27	3.0	13	13	1	0.3	20.2	< 1	< 1
303997	228	< 0.3	14	1.1	< 1	9	8	21	0.07	0.43	10.1	< 50	< 1	< 2	2.53	20.9	6	15	1	0.6	20.6	< 1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
303998	314	0.5	154	2.1	4	17	30	101	0.42	2.08	7.9	< 50	< 1	3	0.04	6.7	27	36	1	1.3	32.8	1	< 1
303999	955	0.5	81	1.6	< 1	12	14	71	0.05	1.55	4.0	< 50	< 1	4	0.09	4.8	11	31	2	0.7	26.9	1	< 1
304000	28	0.6	15	< 0.3	< 1	17	27	44	0.02	7.10	2.9	450	1	< 2	1.12	6.5	10	77	2	0.6	5.73	6	< 1
303801	< 2	< 0.3	10	< 0.3	< 1	12	17	31	0.01	7.02	< 0.5	750	2	< 2	1.75	3.0	7	46	< 1	0.9	2.72	7	< 1
303802	< 2	0.5	10	< 0.3	< 1	13	19	34	0.01	7.09	< 0.5	530	1	< 2	1.58	2.4	7	63	< 1	0.7	2.60	7	< 1
303803	< 2	< 0.3	12	< 0.3	< 1	14	28	44	0.01	7.05	1.2	710	2	< 2	1.47	3.2	14	65	< 1	0.9	3.36	6	< 1
303804	66	0.4	295	1.7	< 1	13	67	48	0.04	0.50	< 0.5	< 50	< 1	3	0.13	8.7	6	20	< 1	0.7	28.8	< 1	< 1
303805	10	1.0	319	1.7	< 1	14	47	59	0.05	0.46	< 0.5	< 50	< 1	4	0.01	3.8	11	12	< 1	1.1	29.6	< 1	< 1
303806	152	5.0	37	0.8	154	26	3	317	0.13	6.78	< 0.5	700	4	4	< 0.01	< 0.5	< 1	178	< 1	1.4	17.5	5	4
303807	59	< 0.3	201	1.6	2	8	45	139	0.05	1.15	1.9	150	< 1	2	0.08	8.7	9	17	< 1	0.9	17.0	1	< 1
303808	24	< 0.3	181	1.1	< 1	9	19	34	0.06	0.76	2.6	< 50	< 1	3	0.04	3.9	4	21	< 1	0.5	22.1	1	< 1
303809	18	< 0.3	26	1.0	< 1	7	8	25	0.02	0.44	< 0.5	< 50	< 1	< 2	0.04	2.2	4	18	< 1	0.8	19.6	< 1	3
303810	26	< 0.3	41	1.0	< 1	7	9	17	0.02	0.45	< 0.5	< 50	< 1	2	0.05	3.3	4	16	< 1	0.5	20.2	< 1	< 1
303811	222	0.3	47	2.2	< 1	12	12	39	0.03	1.54	< 0.5	< 50	< 1	5	0.06	8.2	12	28	< 1	1.1	36.5	1	< 1
303812	433	< 0.3	41	2.0	< 1	12	17	40	0.03	0.99	5.3	< 50	< 1	< 2	0.47	12.2	6	20	1	0.5	19.5	< 1	< 1
303813	5630	0.8	36	1.0	1	7	9	43	0.02	0.88	3.8	< 50	< 1	< 2	0.09	5.3	5	13	< 1	0.5	17.5	< 1	< 1
303814	716	0.5	41	1.2	1	9	10	42	0.04	0.93	2.6	< 50	< 1	2	0.06	3.8	6	25	< 1	0.5	22.9	1	< 1
303815	199	< 0.3	138	0.9	< 1	14	11	30	0.06	1.42	2.8	< 50	< 1	< 2	0.13	7.0	4	32	< 1	0.3	23.4	2	< 1
303816	77	2.1	227	1.3	7	23	14	50	0.18	2.04	1.9	< 50	< 1	3	0.07	< 0.5	2	48	< 1	0.3	24.7	1	< 1
303817	35	2.9	138	1.4	12	20	4	72	0.13	2.40	8.4	< 50	< 1	< 2	0.07	6.3	< 1	60	< 1	0.6	22.1	2	< 1
303818	116	5.3	92	0.8	18	13	7	51	0.07	2.21	25.0	< 50	< 1	< 2	0.05	5.2	6	46	< 1	0.8	15.3	3	< 1
303819	55	3.7	76	1.1	13	11	4	36	0.12	2.79	8.7	350	2	2	0.04	< 0.5	< 1	65	< 1	0.8	18.7	< 1	< 1
303820	36	< 0.3	108	0.9	1	10	15	45	0.06	0.52	2.9	< 50	< 1	< 2	0.02	3.0	4	21	< 1	0.3	14.5	< 1	< 1
303821	2170	< 0.3	84	1.8	< 1	15	13	40	0.03	1.08	10.7	< 50	< 1	3	0.13	8.2	8	39	< 1	1.3	28.8	< 1	< 1
303822	2020	< 0.3	103	1.7	< 1	12	15	89	0.04	1.59	7.6	< 50	< 1	3	0.06	6.9	12	< 2	2	1.2	27.5	< 1	< 1
303823	978	< 0.3	79	1.0	< 1	7	11	38	0.05	0.88	1.9	< 50	< 1	< 2	0.03	4.9	5	8	< 1	< 0.2	15.2	< 1	< 1
303824	1480	0.5	44	2.0	< 1	8	9	44	0.05	0.92	6.1	< 50	< 1	5	0.02	3.1	7	16	< 1	< 0.2	28.8	< 1	< 1
303825	623	0.4	40	1.0	< 1	7	10	42	0.03	0.90	6.9	< 50	< 1	< 2	0.07	5.7	4	10	< 1	0.7	16.6	< 1	< 1
303526	< 2	2.1	148	0.7	1	15	23	226	0.16	5.68	17.5	< 50	1	< 2	0.84	9.8	13	92	< 1	0.3	11.7	9	< 1
303527	< 2	0.5	46	< 0.3	2	17	37	111	0.23	7.95	12.9	410	2	< 2	1.32	6.5	14	67	< 1	1.7	3.67	4	< 1
303528	< 2	1.0	92	2.7	< 1	18	53	125	0.99	1.22	3.1	< 50	< 1	4	0.24	12.8	44	77	< 1	< 0.2	37.3	< 1	< 1
303529	< 2	< 0.3	15	0.4	< 1	3	3	20	0.07	0.04	2.7	< 50	< 1	3	0.01	< 0.5	3	< 2	< 1	< 0.2	9.32	< 1	< 1
303530	< 2	0.5	178	1.3	2	24	9	75	0.31	3.56	11.2	< 50	< 1	2	0.33	8.6	< 1	62	< 1	< 0.2	23.5	2	< 1
303531	< 2	< 0.3	10	0.8	< 1	8	4	14	0.06	0.29	23.0	< 50	1	< 2	2.24	20.4	7	10	< 1	< 0.2	15.2	< 1	< 1
303532	< 2	< 0.3	20	0.3	1	11	22	56	0.02	5.52	10.4	< 50	2	< 2	1.03	7.7	13	45	< 1	1.0	8.31	3	1
303533	< 2	< 0.3	58	0.6	3	16	28	146	0.04	5.51	20.7	< 50	1	< 2	1.45	11.3	12	39	< 1	1.2	7.79	4	< 1
303534	8	< 0.3	2	< 0.3	< 1	< 3	2	4	0.09	0.04	3.3	< 50	< 1	< 2	0.23	4.3	5	< 2	< 1	< 0.2	4.76	< 1	< 1
303535	113	1.2	224	2.5	13	35	94	697	0.41	4.92	103	< 50	1	< 2	0.89	11.2	41	40	< 1	0.8	12.1	3	< 1
303536	< 2	0.3	19	< 0.3	1	14	21	89	0.05	6.35	8.2	< 50	1	< 2	1.88	5.4	15	43	< 1	< 0.2	3.65	8	< 1
303537	< 2	< 0.3	24	< 0.3	1	21	26	82	0.05	6.00	11.3	460	1	< 2	2.07	14.7	16	41	< 1	0.5	4.66	4	< 1
303538	666	< 0.3	59	1.4	< 1	12	11	30	0.04	0.61	20.9	520	< 1	3	0.14	< 0.5	10	33	11	0.7	26.0	< 1	< 1
303539	103	0.4	28	0.3	1	14	16	38	0.02	4.91	8.8	< 50	1	< 2	0.45	9.6	14	46	8	1.0	8.04	4	< 1
303540	61	< 0.3	35	< 0.3	< 1	14	45	47	0.03	6.87	8.3	740	1	< 2	1.61	8.1	13	75	4	0.9	4.77	4	< 1
303541	144	0.4	24	2.0	2	18	14	50	0.03	1.35	12.3	< 50	1	4	0.73	11.4	13	25	< 1	1.0	31.0	< 1	< 1
303542	886	0.6	108	2.3	1	17	45	80	0.05	0.60	5.3	< 50	< 1	6	0.44	10.9	53	22	< 1	0.9	35.7	< 1	< 1
303543	43	0.5	169	1.6	< 1	18	113	73	0.09	1.75	24.1	< 50	< 1	3	0.50	11.7	12	33	< 1	1.1	21.2	< 1	< 1
303544	2760	0.5	53	2.2	< 1	18	12	51	0.07	1.08	3.6	< 50	< 1	5	0.33	5.7	14	29	3	1.3	32.8	< 1	< 1
303545	794	0.6	92	2.0	< 1	19	11	57	0.13	0.41	30.8	< 50	< 1	4	1.57	3.4	15	8	< 1	0.7	30.4	< 1	< 1
303546	40	0.7	74	0.9	2	24	54	195	0.06	5.39	57.1	< 50	1	< 2	1.42	13.1	19	54	6	0.9	8.80	3	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
303547	59	0.5	175	1.4	4	28	41	163	0.07	4.20	52.5	< 50	< 1	< 2	0.62	9.4	28	77	< 1	< 0.2	21.2	2	< 1
303548	27	< 0.3	24	1.4	< 1	10	12	43	0.05	0.62	8.1	< 50	< 1	3	0.58	10.6	7	18	< 1	0.7	22.9	< 1	< 1
303549	24	0.6	54	1.1	< 1	9	16	31	0.14	0.22	49.4	< 50	< 1	2	1.43	14.3	8	14	< 1	0.7	21.1	< 1	< 1
303550	6190	< 0.3	34	1.9	< 1	18	9	44	0.03	1.53	9.9	< 50	1	3	0.31	8.3	9	25	< 1	1.5	28.0	< 1	< 1
304251	< 2	< 0.3	12	< 0.3	< 1	11	17	41	0.05	6.17	7.6	610	1	< 2	1.74	9.9	11	34	< 1	0.8	2.60	5	< 1
304252	21	< 0.3	8	< 0.3	< 1	13	18	35	0.02	6.79	5.0	480	1	< 2	1.56	< 0.5	13	51	2	< 0.2	3.19	8	< 1
304253	< 2	< 0.3	6	< 0.3	< 1	14	11	23	0.02	6.41	5.3	550	1	< 2	1.29	5.4	< 1	48	< 1	0.6	3.24	8	< 1
304254	< 2	0.5	11	< 0.3	< 1	12	21	41	0.02	7.34	4.5	400	1	< 2	1.54	3.2	9	44	< 1	1.2	3.12	6	< 1
304255	5	< 0.3	15	1.3	< 1	11	10	30	0.05	1.72	7.1	< 50	< 1	2	0.25	< 0.5	8	20	< 1	0.4	20.6	< 1	< 1
304256	< 2	0.6	6	< 0.3	< 1	11	15	27	0.02	7.02	4.5	410	1	< 2	1.64	4.3	11	54	< 1	1.4	2.56	7	< 1
304257	< 2	0.5	16	< 0.3	< 1	16	32	67	0.02	7.12	8.0	340	2	< 2	1.03	3.5	16	69	< 1	0.9	4.23	7	< 1
304258	< 2	< 0.3	12	1.3	< 1	7	5	10	0.05	0.18	8.0	< 50	1	< 2	7.35	< 0.5	6	13	< 1	0.7	22.7	< 1	< 1
304259	7	0.4	13	< 0.3	< 1	11	21	60	0.05	6.57	8.0	480	1	< 2	1.89	7.7	12	52	< 1	1.4	3.26	6	< 1
304260	< 2	< 0.3	13	< 0.3	< 1	11	17	51	0.02	6.76	8.8	< 50	1	< 2	1.11	< 0.5	14	50	< 1	< 0.2	3.41	7	< 1
304261	< 2	< 0.3	9	< 0.3	< 1	14	16	31	0.02	7.18	4.0	510	1	< 2	1.53	6.5	9	42	< 1	1.2	2.96	8	< 1
304262	< 2	0.4	9	< 0.3	< 1	14	18	35	0.01	7.04	4.9	560	1	< 2	1.60	< 0.5	12	50	< 1	1.0	3.07	10	< 1
304263	< 2	0.6	13	< 0.3	< 1	13	21	36	0.01	7.36	6.2	480	1	< 2	1.62	< 0.5	11	68	< 1	1.3	3.27	7	< 1
304264	< 2	0.5	5	< 0.3	< 1	15	14	27	0.02	6.96	4.6	300	1	< 2	1.44	< 0.5	8	59	< 1	0.7	2.49	8	< 1
304265	< 2	0.5	26	< 0.3	< 1	13	18	37	0.02	7.33	6.1	620	2	< 2	1.31	10.6	10	56	< 1	1.4	3.45	8	< 1
304266	< 2	< 0.3	20	1.3	< 1	14	16	23	0.03	2.12	6.3	< 50	1	3	0.38	5.3	12	34	< 1	0.4	22.3	< 1	< 1
304267	< 2	< 0.3	16	< 0.3	< 1	14	22	39	0.02	6.62	9.8	710	1	< 2	1.31	6.5	9	59	7	0.9	3.63	4	< 1
304268	< 2	0.4	15	< 0.3	< 1	15	38	64	0.02	6.92	4.7	360	1	< 2	1.67	< 0.5	15	84	< 1	1.6	3.26	6	< 1
304269	< 2	0.5	10	< 0.3	< 1	13	22	41	0.01	6.99	< 0.5	480	1	< 2	1.74	< 0.5	11	53	< 1	1.6	2.97	7	< 1
304270	< 2	0.4	12	< 0.3	< 1	14	20	43	0.01	6.93	5.4	450	1	< 2	1.70	< 0.5	10	50	< 1	1.9	2.88	6	< 1
304271	< 2	0.3	39	< 0.3	< 1	12	21	34	0.01	7.02	4.5	590	1	< 2	1.24	< 0.5	9	133	< 1	0.7	3.18	6	< 1
304272	22	0.6	40	< 0.3	< 1	13	23	47	0.02	7.04	4.8	600	1	< 2	1.72	< 0.5	10	59	< 1	< 0.2	3.27	7	< 1
304273	< 2	0.4	10	< 0.3	< 1	13	19	41	0.02	7.21	4.4	550	1	< 2	1.79	4.0	9	49	< 1	1.0	2.76	8	< 1
304274	< 2	0.4	11	< 0.3	< 1	14	20	37	0.01	7.13	9.3	570	1	< 2	1.64	< 0.5	11	43	1	1.0	2.81	7	< 1
304275	< 2	< 0.3	15	< 0.3	< 1	13	22	51	0.02	7.11	2.2	630	2	< 2	1.75	< 0.5	11	52	< 1	1.0	2.85	6	< 1
303501	< 2	0.5	10	0.5	1	7	16	43	0.02	5.52	8.5	770	< 1	< 2	0.65	< 0.5	9	74	< 1	1.3	7.92	9	< 1
303502	< 2	0.4	21	< 0.3	< 1	21	31	82	0.03	7.78	13.0	410	2	< 2	0.93	24.0	18	90	< 1	1.1	4.69	8	< 1
303503	< 2	< 0.3	33	< 0.3	< 1	22	39	62	0.02	8.01	7.2	370	2	< 2	1.12	10.1	17	58	< 1	1.4	3.43	6	< 1
303504	< 2	0.4	29	0.3	< 1	9	23	63	0.02	6.53	78.5	460	< 1	< 2	0.80	10.0	14	72	< 1	0.5	6.12	6	< 1
303505	16	< 0.3	48	< 0.3	2	15	41	112	0.02	7.46	14.9	540	2	< 2	1.64	7.8	18	84	3	1.1	5.15	5	< 1
303506	< 2	0.5	23	2.4	< 1	14	16	19	0.05	0.43	5.4	< 50	2	4	0.38	10.9	16	30	< 1	0.9	36.3	< 1	< 1
303507	< 2	0.5	39	< 0.3	< 1	20	43	84	0.03	7.82	14.4	390	2	< 2	1.45	13.5	17	75	< 1	1.6	4.70	6	< 1
303508	< 2	0.5	28	0.9	< 1	14	26	498	0.02	6.91	8.1	1080	1	< 2	2.55	< 0.5	10	63	< 1	1.2	3.15	5	< 1
303509	< 2	0.3	16	1.5	< 1	10	7	32	0.10	0.73	2.0	< 50	1	2	1.57	15.4	4	8	< 1	0.6	23.8	< 1	< 1
303510	< 2	0.5	33	< 0.3	1	13	35	48	0.04	6.92	25.4	440	2	< 2	1.53	5.0	9	78	8	1.0	4.53	5	< 1
303511	< 2	< 0.3	11	< 0.3	< 1	12	21	35	0.02	6.45	5.7	1010	1	< 2	1.20	5.2	9	92	< 1	1.0	6.72	6	< 1
303512	< 2	< 0.3	21	< 0.3	< 1	11	27	51	0.02	6.32	21.1	500	2	< 2	1.22	< 0.5	< 1	60	< 1	1.2	6.40	5	< 1
303513	< 2	< 0.3	10	0.4	< 1	11	18	39	0.06	4.66	9.5	530	1	< 2	1.67	10.6	5	42	< 1	0.6	10.1	4	< 1
303514	< 2	5.8	103	0.9	5	50	10	73	0.17	4.45	50.7	630	< 1	< 2	0.44	2.7	3	55	< 1	< 0.2	17.1	4	< 1
303515	< 2	< 0.3	12	< 0.3	< 1	11	18	50	0.08	4.87	9.5	620	1	< 2	5.78	< 0.5	9	43	< 1	0.8	2.83	3	< 1
303516	< 2	0.5	10	< 0.3	< 1	14	18	36	0.03	6.51	6.8	760	2	< 2	1.75	4.8	12	67	< 1	1.4	3.03	7	< 1
303517	< 2	0.5	5	< 0.3	< 1	16	15	31	0.02	7.19	< 0.5	1010	1	< 2	1.46	3.3	10	47	< 1	0.8	2.54	5	< 1
303518	< 2	0.4	10	< 0.3	< 1	18	23	50	0.02	7.42	4.7	600	2	< 2	1.52	3.0	14	58	< 1	1.2	3.15	5	< 1
303519	< 2	0.7	18	< 0.3	< 1	15	25	54	0.04	8.47	19.2	830	2	< 2	1.74	6.7	9	65	< 1	1.5	3.29	7	< 1
303520	< 2	0.4	40	< 0.3	< 1	17	29	107	0.03	6.78	19.0	780	2	< 2	2.36	4.8	13	51	< 1	1.1	3.28	5	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
303521	< 2	< 0.3	18	< 0.3	< 1	15	23	55	0.01	7.20	5.7	800	2	< 2	1.64	< 0.5	9	40	< 1	0.9	3.10	5	< 1
303522	39	0.9	74	1.2	18	21	39	288	0.06	4.65	25.7	720	1	< 2	1.42	4.3	15	58	< 1	1.0	5.96	5	< 1
303523	< 2	< 0.3	17	1.3	< 1	12	20	25	0.05	1.87	67.7	< 50	3	< 2	0.18	12.5	16	57	14	0.8	21.9	3	< 1
303524	19	2.2	99	1.0	36	17	26	218	0.12	5.33	80.7	< 50	< 1	< 2	0.17	3.6	< 1	88	< 1	0.9	14.9	3	< 1
303525	< 2	1.3	28	0.7	9	8	27	58	0.02	8.07	5.8	< 50	2	< 2	0.27	4.8	4	68	6	1.0	5.13	3	< 1
304276	< 2	< 0.3	11	< 0.3	< 1	13	19	43	0.02	7.11	< 0.5	1040	1	< 2	1.94	2.5	11	64	< 1	1.0	3.06	5	< 1
304277	< 2	0.3	32	< 0.3	< 1	12	19	33	0.01	7.00	3.3	510	1	< 2	1.65	< 0.5	9	58	< 1	1.1	2.97	6	< 1
304278	< 2	0.4	7	< 0.3	< 1	17	16	34	0.02	6.99	< 0.5	610	1	< 2	1.50	3.1	6	60	4	1.2	2.66	6	< 1
304279	< 2	0.5	12	< 0.3	< 1	17	20	39	0.01	7.26	6.0	850	1	< 2	1.69	< 0.5	6	51	3	1.0	2.81	5	2
304280	< 2	0.4	12	< 0.3	< 1	14	23	42	0.01	7.13	4.1	820	1	< 2	1.60	< 0.5	10	73	< 1	1.2	3.17	6	< 1
304281	< 2	0.6	48	0.4	2	13	42	105	0.03	7.30	6.7	850	2	< 2	1.35	8.5	14	85	4	1.1	5.05	5	< 1
304282	< 2	0.5	13	< 0.3	< 1	14	25	45	0.02	7.04	< 0.5	940	1	< 2	1.66	1.3	9	62	5	1.3	3.12	7	< 1
304283	< 2	0.4	26	< 0.3	< 1	12	27	54	0.01	6.26	9.8	900	2	< 2	1.20	< 0.5	11	71	4	0.9	3.93	4	< 1
304284	62	< 0.3	31	0.4	1	15	18	32	0.02	3.60	4.3	790	< 1	< 2	0.40	< 0.5	6	41	3	0.5	11.6	6	< 1
304285	< 2	< 0.3	38	0.8	< 1	19	25	56	0.01	3.10	28.3	530	1	< 2	0.28	1.4	9	44	11	1.2	17.6	2	< 1
304286	< 2	< 0.3	53	0.9	< 1	7	22	36	< 0.01	2.92	14.2	< 50	3	< 2	0.15	1.8	11	60	31	1.3	18.5	1	< 1
304287	< 2	0.5	13	< 0.3	< 1	13	19	50	0.02	7.33	6.2	780	2	< 2	1.59	2.1	7	47	2	1.0	2.72	6	< 1
304288	< 2	0.5	23	< 0.3	1	17	29	112	0.02	7.08	5.2	890	2	< 2	1.67	1.6	12	73	3	1.6	4.48	7	< 1
304289	< 2	0.3	9	< 0.3	< 1	14	25	57	0.02	7.31	4.6	880	2	< 2	1.11	4.7	10	79	< 1	0.8	3.57	4	< 1
304290	< 2	0.5	12	< 0.3	< 1	13	19	45	0.02	7.29	5.8	630	2	< 2	1.67	2.3	7	53	< 1	1.0	2.69	5	< 1
304291	< 2	0.5	18	< 0.3	< 1	14	25	62	0.02	7.21	10.6	1030	2	< 2	1.63	< 0.5	11	53	1	1.1	3.26	7	< 1
304292	< 2	0.5	3	< 0.3	< 1	10	13	26	0.01	5.86	3.7	860	1	< 2	1.45	1.8	6	33	< 1	0.8	2.66	6	< 1
304293	< 2	0.5	6	< 0.3	< 1	12	12	38	0.01	6.51	6.7	770	1	< 2	1.36	3.2	6	40	2	0.8	2.99	6	< 1
304294	< 2	< 0.3	208	< 0.3	< 1	10	129	38	0.03	7.18	4.4	590	1	< 2	1.39	14.2	14	80	1	0.9	3.88	6	< 1
304295	< 2	0.7	514	1.4	2	36	143	60	0.07	9.04	42.5	540	3	< 2	0.78	21.6	143	135	< 1	11.4	9.34	3	20
304296	< 2	0.3	35	< 0.3	< 1	19	23	44	0.02	9.07	< 0.5	1020	3	< 2	0.19	7.9	9	123	17	1.6	7.46	3	< 1
304297	< 2	0.4	36	0.6	4	11	17	59	0.09	5.85	20.8	430	2	< 2	0.35	10.9	7	96	< 1	1.2	15.2	4	< 1
304298	< 2	0.5	24	< 0.3	1	19	40	66	0.02	7.69	11.3	1140	2	< 2	1.36	4.7	11	73	< 1	1.1	3.92	6	< 1
304299	< 2	0.5	37	< 0.3	1	17	34	103	0.01	7.60	12.1	720	2	< 2	1.43	< 0.5	13	64	< 1	1.3	3.80	6	< 1
304300	< 2	< 0.3	47	0.4	< 1	< 3	82	82	0.01	8.33	31.2	< 50	< 1	< 2	1.00	2.5	44	212	< 1	0.7	9.49	2	< 1
303651	8	0.6	43	0.3	4	18	30	123	0.05	7.35	17.7	570	2	< 2	1.26	5.1	11	76	6	1.1	5.74	4	< 1
303653	2400	0.3	48	1.6	< 1	13	14	68	0.04	1.08	27.0	< 50	< 1	3	0.47	8.3	11	23	< 1	0.8	27.2	1	< 1
303654	7	0.7	13	< 0.3	< 1	15	26	52	0.02	6.17	11.9	630	1	< 2	1.38	2.5	9	91	3	0.9	4.38	6	< 1
303655	25	1.1	167	2.1	1	70	44	128	0.07	2.90	35.7	< 50	< 1	< 2	1.10	11.4	18	50	< 1	0.6	22.1	2	< 1
303656	152	2.6	66	1.3	18	95	20	52	0.08	1.76	39.5	< 50	< 1	< 2	1.84	5.3	6	43	< 1	0.9	21.8	1	< 1
303657	84	< 0.3	57	1.3	< 1	14	23	96	0.05	1.98	18.4	< 50	< 1	< 2	0.63	7.7	8	34	< 1	0.4	22.9	1	< 1
303658	245	0.5	72	1.7	< 1	15	23	76	0.08	0.76	51.8	< 50	1	3	1.17	12.0	15	19	< 1	1.2	29.2	< 1	< 1
303659	< 2	0.6	167	1.5	< 1	6	115	131	0.04	8.73	126	1030	1	< 2	0.49	3.7	57	182	8	1.2	11.2	2	< 1
303660	< 2	0.4	29	< 0.3	< 1	18	39	81	0.03	6.81	< 0.5	< 50	2	< 2	2.07	2.0	9	79	< 1	0.3	3.93	3	< 1
303661	< 2	< 0.3	41	< 0.3	1	12	10	23	0.02	5.73	2.6	770	1	< 2	0.85	2.0	3	45	2	0.8	1.77	7	< 1
303662	14	0.3	26	< 0.3	1	14	30	57	0.05	6.92	8.1	570	1	< 2	1.49	3.3	8	80	3	0.9	3.80	4	< 1
303663	31	0.5	71	0.7	3	14	77	194	0.09	5.76	60.0	270	1	< 2	1.44	9.8	25	78	3	0.7	8.90	2	< 1
303664	5	< 0.3	17	1.2	< 1	7	11	29	0.06	0.64	14.0	< 50	1	3	1.23	14.3	5	20	< 1	0.7	14.4	< 1	< 1
303665	52	0.6	102	1.0	2	18	110	200	0.22	7.51	38.6	630	2	< 2	1.58	18.0	118	100	7	0.8	8.29	2	< 1
303666	17	0.4	94	0.7	4	37	49	148	0.08	5.87	30.2	340	1	< 2	1.10	14.6	10	70	7	0.5	11.8	7	< 1
303667	< 2	1.2	115	2.5	< 1	20	73	77	0.06	6.21	15.5	350	1	< 2	1.41	7.4	10	64	7	0.7	4.68	6	< 1
303668	< 2	0.8	15	< 0.3	< 1	9	10	35	0.02	8.41	6.9	660	2	< 2	0.37	4.9	6	83	5	0.9	3.23	9	< 1
303669	453	0.7	42	1.1	5	23	34	195	0.03	7.44	31.2	640	2	< 2	0.56	5.0	18	80	8	1.2	7.09	5	< 1
303670	47	0.6	81	0.8	2	23	75	175	0.05	6.20	49.9	360	1	< 2	1.09	5.2	39	67	4	1.3	7.72	2	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
303671	2260	0.9	34	1.0	< 1	14	22	36	0.08	1.11	34.2	< 50	< 1	2	0.49	2.5	14	41	12	0.7	19.0	< 1	< 1
303672	204	0.6	45	1.5	5	13	37	142	0.05	4.25	19.0	500	1	< 2	1.26	7.3	11	61	7	1.0	6.17	4	< 1
303673	1410	1.0	112	1.7	3	34	21	119	0.07	1.32	22.0	< 50	< 1	2	0.15	2.5	7	30	< 1	1.0	25.9	< 1	< 1
303674	28	0.5	174	1.7	< 1	13	64	107	0.06	0.71	5.4	< 50	< 1	3	0.01	3.0	16	19	< 1	1.3	23.8	< 1	< 1
303675	189	0.4	31	0.7	5	8	7	45	0.05	0.62	29.8	< 50	< 1	< 2	0.05	1.8	< 1	14	< 1	0.3	9.17	< 1	< 1
304551	48	< 0.3	84	1.2	2	16	54	145	0.09	4.76	74.4	330	2	< 2	0.41	4.1	20	65	7	1.3	17.8	3	< 1
304552	< 2	0.6	60	0.5	3	66	13	81	0.62	4.73	1.8	430	3	3	0.10	3.2	17	51	8	0.7	16.4	4	1
304553	< 2	< 0.3	47	0.9	1	25	24	103	0.04	4.50	6.1	260	1	2	0.15	4.9	9	57	11	0.4	19.3	3	1
304554	< 2	< 0.3	15	0.6	< 1	6	12	40	0.01	2.23	< 0.5	170	1	< 2	0.09	2.3	7	27	6	0.4	15.0	< 1	1
304555	336	0.4	24	0.6	< 1	16	24	44	0.06	4.22	9.2	350	1	4	1.15	15.5	14	50	3	0.4	16.6	5	< 1
304556	3440	0.9	61	1.1	< 1	12	6	21	0.03	0.43	74.5	< 50	< 1	3	0.09	3.4	11	12	< 1	0.4	24.3	< 1	< 1
304557	< 2	< 0.3	23	0.6	< 1	8	10	17	0.10	0.86	12.6	< 50	1	< 2	1.13	35.0	8	37	3	0.5	16.6	< 1	< 1
304558	< 2	< 0.3	20	0.9	< 1	10	14	38	0.03	0.54	7.0	< 50	< 1	3	0.14	5.1	6	20	< 1	0.4	23.7	< 1	< 1
304559	13	< 0.3	45	0.4	< 1	10	24	21	0.04	0.16	15.2	< 50	< 1	2	0.01	1.6	8	5	< 1	< 0.2	10.6	< 1	< 1
304560	17	< 0.3	36	0.5	2	17	10	37	0.05	0.79	28.7	< 50	< 1	< 2	0.14	4.4	4	17	< 1	0.3	17.0	< 1	< 1
304561	14	< 0.3	33	0.9	< 1	15	11	31	0.04	0.58	59.3	< 50	< 1	3	0.38	12.0	6	23	< 1	0.6	25.5	< 1	< 1
304562	40	0.4	76	1.2	< 1	20	14	40	0.04	0.36	29.3	< 50	< 1	4	0.22	5.7	7	13	< 1	0.7	29.9	< 1	< 1
304563	161	1.0	119	1.8	1	22	37	73	0.27	0.53	6.9	< 50	< 1	4	0.80	11.4	9	14	< 1	0.9	36.5	< 1	< 1
304564	65	4.1	163	0.7	22	107	28	270	0.15	5.75	178	250	1	< 2	0.02	2.8	8	54	< 1	1.4	13.3	13	2
304565	88	2.6	102	1.0	34	53	11	86	0.09	2.60	12.7	< 50	1	3	0.33	4.4	5	46	< 1	0.8	22.0	2	< 1
304566	172	0.4	74	1.2	< 1	16	18	54	0.07	0.91	< 0.5	150	< 1	4	0.30	2.9	10	14	6	0.5	24.9	< 1	< 1
304567	94	0.3	40	1.4	< 1	15	14	38	0.06	0.56	16.8	< 50	< 1	4	1.21	14.1	12	20	< 1	0.8	27.0	< 1	< 1
304568	132	< 0.3	29	1.0	< 1	11	18	25	0.07	2.26	6.6	230	2	3	0.97	21.7	9	31	4	0.6	20.0	2	< 1
304569	< 2	< 0.3	13	0.7	1	6	9	14	0.03	0.74	3.0	< 50	< 1	< 2	< 0.01	< 0.5	3	31	< 1	0.5	18.1	< 1	< 1
304570	26	1.5	131	0.9	4	57	15	22	0.22	0.61	134	< 50	< 1	3	0.04	< 0.5	4	13	1	0.2	20.4	1	< 1
304571	10	< 0.3	34	1.1	< 1	17	11	57	0.05	0.54	8.0	< 50	1	2	0.61	11.6	13	13	< 1	0.5	26.8	< 1	< 1
304572	12200	1.1	39	1.1	< 1	13	13	20	0.05	1.33	5.1	< 50	< 1	3	0.40	11.3	11	24	5	0.6	26.2	1	< 1
304573	6	< 0.3	11	0.6	< 1	6	12	12	0.03	0.57	28.5	< 50	< 1	4	0.11	6.6	5	9	< 1	0.4	15.2	< 1	1
304574	105	6.9	46	0.7	15	257	3	104	0.14	6.68	3.6	310	3	2	< 0.01	3.8	< 1	67	< 1	1.0	17.5	4	1
304575	908	0.7	30	0.6	< 1	9	6	21	0.03	1.25	12.0	< 50	< 1	4	0.19	5.7	6	19	2	0.3	15.5	1	< 1
303951	16	0.4	16	< 0.3	< 1	14	28	142	0.06	6.35	7.0	550	1	< 2	2.06	11.7	14	62	< 1	0.8	4.91	8	< 1
303952	< 2	0.3	6	< 0.3	< 1	13	19	50	0.02	7.58	2.9	560	2	< 2	1.43	2.1	10	54	< 1	0.5	2.75	8	< 1
303953	< 2	0.5	17	< 0.3	< 1	13	28	55	0.02	7.22	2.8	610	1	< 2	1.78	< 0.5	14	56	2	0.6	3.31	8	1
303954	6	0.4	10	< 0.3	< 1	13	18	46	0.01	7.23	4.6	490	2	< 2	1.62	< 0.5	7	48	< 1	0.7	2.86	11	< 1
303955	< 2	< 0.3	23	< 0.3	< 1	15	25	57	0.01	6.59	4.3	570	2	< 2	1.61	< 0.5	9	53	< 1	0.8	3.35	8	< 1
303956	< 2	0.4	14	< 0.3	< 1	14	22	47	0.02	6.77	2.8	590	1	< 2	2.53	2.3	13	54	< 1	0.8	3.09	8	1
303957	< 2	< 0.3	11	< 0.3	< 1	12	17	41	0.01	7.06	5.5	550	2	< 2	1.65	1.9	9	46	< 1	0.7	3.00	7	< 1
303958	< 2	< 0.3	31	< 0.3	< 1	15	40	60	0.02	7.28	2.9	440	2	< 2	1.94	2.6	21	49	1	1.1	4.46	9	1
303959	< 2	< 0.3	13	< 0.3	< 1	14	23	50	0.01	7.14	5.9	510	2	< 2	1.57	2.4	12	50	< 1	0.9	3.58	10	< 1
303960	< 2	< 0.3	6	< 0.3	< 1	13	15	33	0.02	7.00	3.8	620	1	< 2	1.43	6.1	8	44	< 1	0.6	2.94	8	< 1
303961	< 2	0.4	21	< 0.3	1	14	20	42	0.03	6.92	2.8	460	1	< 2	1.55	3.4	8	40	1	0.6	2.81	8	< 1
303962	< 2	< 0.3	68	0.4	3	33	36	108	0.07	6.95	27.3	790	1	< 2	1.73	17.5	19	58	3	0.8	4.59	5	1
303963	22	0.7	103	0.8	36	67	31	132	0.09	5.69	215	360	1	2	0.32	4.1	5	65	< 1	0.5	11.5	4	1
303964	< 2	3.0	75	1.1	14	31	22	205	0.14	6.05	72.0	260	2	3	0.26	5.8	6	63	6	0.9	19.6	9	1
303965	37	1.4	74	0.7	49	42	22	185	0.09	4.94	19.1	< 50	1	3	0.09	3.4	7	76	4	0.8	15.6	5	< 1
303966	< 2	0.7	154	2.8	19	40	95	1490	0.13	6.93	43.9	250	1	4	0.18	5.2	22	104	5	0.9	19.8	5	1
303967	< 2	1.1	15	1.9	< 1	13	5	28	1.13	0.15	2.4	< 50	< 1	4	0.02	18.4	< 1	16	< 1	< 0.2	42.6	< 1	< 1
303968	< 2	0.4	14	< 0.3	< 1	16	21	39	0.04	6.29	28.0	540	2	< 2	1.09	7.3	14	64	3	0.8	5.66	8	< 1
303969	< 2	0.4	12	< 0.3	< 1	12	16	42	0.03	7.12	2.9	460	2	< 2	1.67	< 0.5	9	50	< 1	0.7	2.99	8	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
303970	< 2	0.3	16	< 0.3	< 1	18	31	61	0.02	7.21	2.5	660	1	< 2	1.57	3.1	17	68	1	1.2	4.22	10	1
303971	< 2	0.4	7	< 0.3	< 1	14	16	40	0.01	7.26	3.1	500	2	< 2	1.39	3.1	11	42	< 1	0.6	3.25	11	< 1
303972	< 2	< 0.3	10	< 0.3	< 1	13	13	32	0.02	7.07	1.6	530	1	< 2	1.58	< 0.5	5	37	< 1	0.7	1.76	6	< 1
303973	< 2	< 0.3	7	< 0.3	< 1	14	14	38	0.01	6.84	3.0	400	2	< 2	1.45	3.5	10	42	< 1	0.6	2.72	7	< 1
303974	< 2	0.4	10	< 0.3	< 1	10	20	38	0.01	6.06	3.2	590	1	< 2	1.25	2.4	12	48	1	0.7	3.15	8	< 1
303975	< 2	3.0	43	< 0.3	2	16	31	81	0.03	7.99	6.1	570	2	< 2	1.05	5.9	13	70	4	< 0.2	4.44	7	< 1
304426	< 2	< 0.3	15	< 0.3	< 1	14	27	56	0.02	7.07	1.7	600	1	< 2	1.62	3.5	11	60	< 1	0.8	3.16	8	< 1
304427	< 2	0.4	19	< 0.3	< 1	13	30	64	0.02	6.91	6.3	720	1	< 2	1.75	< 0.5	14	74	< 1	0.7	3.94	10	< 1
304428	< 2	0.3	18	< 0.3	< 1	13	36	86	0.07	6.73	3.6	640	1	< 2	2.54	< 0.5	15	77	< 1	0.8	3.40	7	< 1
304429	< 2	0.5	28	< 0.3	1	16	35	121	0.03	7.31	15.0	680	2	< 2	1.61	3.7	16	59	< 1	1.0	4.41	10	< 1
304430	< 2	0.3	18	< 0.3	< 1	17	25	67	0.04	7.45	3.6	740	1	< 2	2.14	< 0.5	11	58	1	0.8	3.26	9	1
304431	< 2	0.4	14	< 0.3	< 1	15	23	55	0.02	7.48	3.1	820	2	< 2	1.75	< 0.5	11	59	< 1	0.9	3.23	9	1
304432	< 2	0.3	11	< 0.3	< 1	14	20	39	0.02	7.38	3.7	710	1	< 2	1.77	2.7	9	59	< 1	0.8	2.99	9	< 1
304433	< 2	0.4	22	< 0.3	3	15	29	94	0.04	6.85	9.0	670	1	< 2	1.69	4.5	11	47	< 1	0.8	3.37	9	< 1
304434	< 2	< 0.3	11	< 0.3	< 1	13	19	43	0.07	7.15	4.1	600	2	< 2	1.87	1.8	11	54	1	0.8	3.01	9	< 1
304435	< 2	0.5	12	< 0.3	< 1	14	20	43	0.02	6.65	1.8	940	1	< 2	1.74	3.1	10	54	1	0.9	3.19	8	< 1
304436	< 2	< 0.3	18	< 0.3	< 1	14	26	52	0.02	7.44	1.9	660	2	< 2	1.66	1.5	10	62	< 1	1.1	3.33	7	< 1
304437	< 2	0.4	17	< 0.3	< 1	15	25	55	0.01	7.36	3.2	540	1	< 2	1.64	< 0.5	11	58	< 1	0.9	3.40	9	< 1
304438	< 2	0.4	12	< 0.3	1	15	21	42	0.02	7.35	3.5	680	1	< 2	1.68	< 0.5	11	59	< 1	0.9	3.13	11	< 1
304439	< 2	0.5	14	< 0.3	1	14	22	45	0.02	7.63	2.9	670	1	< 2	1.78	2.6	11	82	< 1	0.9	3.32	11	< 1
304440	< 2	0.5	15	< 0.3	< 1	13	25	44	0.02	7.85	< 0.5	650	1	< 2	1.67	2.7	11	74	< 1	0.8	3.02	9	< 1
304441	< 2	0.4	13	< 0.3	< 1	13	23	39	0.02	7.60	13.7	390	1	< 2	1.70	< 0.5	11	47	< 1	1.2	3.45	5	< 1
304442	20	0.4	11	< 0.3	< 1	13	21	42	0.02	7.41	15.1	< 50	1	< 2	1.75	< 0.5	9	52	< 1	1.0	3.28	5	< 1
304443	4	< 0.3	709	0.9	< 1	22	225	290	0.07	5.79	83.8	< 50	< 1	< 2	1.20	19.3	53	90	< 1	1.8	11.2	3	< 1
304444	< 2	< 0.3	123	0.7	< 1	10	42	40	0.02	4.78	21.5	< 50	1	< 2	0.45	12.3	19	89	< 1	0.5	15.8	3	< 1
304445	< 2	< 0.3	22	< 0.3	2	14	27	82	0.02	7.01	12.5	390	2	< 2	1.65	< 0.5	10	40	3	0.6	3.43	6	< 1
304446	< 2	< 0.3	10	< 0.3	< 1	14	18	42	0.02	7.08	13.4	410	1	< 2	1.87	4.4	9	40	< 1	0.5	3.45	6	< 1
304447	< 2	0.3	11	< 0.3	< 1	13	21	45	0.02	7.16	11.8	500	1	< 2	1.67	< 0.5	9	55	< 1	1.1	3.02	6	< 1
304448	< 2	0.5	5	< 0.3	< 1	13	14	30	0.01	7.18	15.6	460	1	< 2	1.62	< 0.5	6	46	< 1	1.6	2.93	8	< 1
304449	< 2	0.4	11	< 0.3	< 1	14	25	151	0.03	7.15	19.1	450	1	< 2	1.62	12.6	19	53	< 1	0.8	4.62	6	< 1
304450	< 2	0.3	4	< 0.3	< 1	15	10	28	0.01	6.60	12.9	< 50	1	< 2	1.13	< 0.5	6	33	< 1	< 0.2	2.71	8	< 1
303826	329	< 0.3	54	0.5	12	10	9	34	0.07	2.42	16.0	1290	1	3	0.11	< 0.5	< 1	30	< 1	1.1	14.3	2	< 1
303827	132	< 0.3	42	1.1	< 1	9	10	45	0.03	0.82	12.4	< 50	< 1	3	0.06	< 0.5	5	20	< 1	0.8	20.5	< 1	< 1
303828	4000	< 0.3	63	1.5	< 1	11	12	44	0.02	0.72	10.2	330	< 1	4	0.16	< 0.5	8	11	< 1	0.4	26.9	< 1	< 1
303829	< 2	< 0.3	30	< 0.3	2	20	32	114	0.05	6.93	16.4	350	2	< 2	1.63	15.8	20	60	< 1	1.6	4.75	7	< 1
303830	< 2	< 0.3	11	< 0.3	< 1	12	22	40	0.01	7.39	7.7	< 50	1	< 2	1.43	2.2	8	52	< 1	0.8	2.75	4	< 1
303831	< 2	< 0.3	16	1.2	< 1	10	19	13	0.05	0.76	7.9	< 50	1	3	0.04	< 0.5	16	27	< 1	1.1	22.7	< 1	< 1
303832	< 2	< 0.3	10	1.8	< 1	18	10	51	0.02	0.54	12.0	540	1	3	0.53	< 0.5	9	18	5	0.8	33.1	< 1	< 1
303833	< 2	0.4	30	< 0.3	< 1	16	25	68	0.01	7.63	14.4	< 50	2	< 2	1.42	< 0.5	13	41	< 1	0.9	3.12	4	< 1
303834	29	3.1	144	0.9	7	60	11	231	0.15	2.10	18.5	< 50	< 1	3	0.10	3.7	2	51	1	0.2	24.4	3	< 1
303835	< 2	< 0.3	7	0.8	< 1	9	5	20	0.06	0.30	19.5	520	< 1	2	4.98	12.3	6	< 2	4	0.6	17.8	< 1	< 1
303836	< 2	< 0.3	27	< 0.3	< 1	16	20	58	0.02	7.39	8.6	480	2	< 2	1.46	< 0.5	9	49	4	0.7	2.68	6	< 1
303837	22	< 0.3	11	< 0.3	< 1	18	18	76	0.01	6.82	18.0	320	2	< 2	1.27	< 0.5	8	41	< 1	0.5	3.98	6	< 1
303838	< 2	< 0.3	10	< 0.3	< 1	13	17	47	0.02	6.82	3.6	430	1	< 2	1.55	< 0.5	10	33	< 1	0.6	2.45	5	< 1
303839	< 2	< 0.3	7	0.8	< 1	7	5	12	0.02	0.33	35.3	< 50	4	2	0.41	10.4	6	18	< 1	0.4	20.2	< 1	< 1
303840	< 2	< 0.3	12	< 0.3	< 1	15	16	45	0.03	6.38	4.2	520	1	< 2	1.66	6.3	8	36	< 1	0.7	2.72	5	< 1
303841	< 2	< 0.3	9	1.0	< 1	28	11	77	0.07	1.72	22.1	< 50	< 1	3	0.34	12.1	9	31	< 1	0.3	21.8	2	< 1
303842	< 2	3.0	90	0.5	38	23	21	133	0.73	5.42	21.3	290	1	< 2	0.26	5.3	8	87	3	0.7	13.8	5	< 1
303843	14	< 0.3	15	1.0	1	17	20	24	0.06	2.46	27.4	< 50	2	< 2	0.49	11.4	12	36	2	0.8	16.6	3	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
303844	6	< 0.3	12	0.7	< 1	9	18	24	0.06	0.92	22.1	< 50	2	2	0.81	28.9	9	36	< 1	0.4	16.6	< 1	< 1
303845	< 2	0.3	15	< 0.3	1	13	27	82	0.02	7.39	8.1	390	2	< 2	1.29	5.4	14	60	< 1	0.5	4.04	5	< 1
303846	4	< 0.3	54	0.6	< 1	8	27	36	0.04	0.51	2.8	< 50	< 1	2	0.21	6.1	8	12	< 1	0.5	16.0	< 1	< 1
303847	< 2	< 0.3	89	0.7	< 1	6	86	197	0.03	9.37	59.6	260	2	< 2	0.33	11.3	48	179	9	0.7	10.6	3	< 1
303848	86	0.4	26	0.6	3	18	17	69	0.04	4.31	12.5	< 50	< 1	< 2	0.90	7.5	9	53	4	0.5	10.7	3	< 1
303849	71	< 0.3	23	0.7	< 1	13	24	34	0.07	2.76	35.2	< 50	1	3	0.77	28.3	12	48	< 1	0.8	18.7	2	< 1
303850	< 2	< 0.3	19	0.6	< 1	9	10	32	0.26	0.35	4.2	< 50	< 1	< 2	3.80	4.8	7	13	< 1	0.3	18.1	< 1	< 1
304576	52	< 0.3	9	1.0	< 1	14	9	27	0.03	1.31	65.3	< 50	1	6	0.19	7.5	9	18	< 1	0.9	27.8	< 1	< 1
304577	< 2	< 0.3	10	0.9	< 1	9	11	17	0.03	0.61	6.8	< 50	1	3	0.47	15.0	7	13	< 1	0.6	22.6	< 1	< 1
304578	158	< 0.3	22	1.5	< 1	19	16	226	0.04	1.44	33.2	< 50	6	3	0.47	15.1	11	49	< 1	1.1	30.2	< 1	< 1
304579	192	3.0	98	0.6	< 1	11	70	130	0.09	5.68	41.8	< 50	< 1	4	0.09	8.6	36	134	< 1	0.8	14.0	2	< 1
304580	27	< 0.3	65	0.9	< 1	13	27	60	0.05	1.17	25.2	< 50	< 1	< 2	0.37	7.4	14	29	< 1	1.2	19.1	< 1	< 1
304581	20	< 0.3	77	0.9	< 1	13	19	49	0.04	1.27	14.0	< 50	< 1	2	0.05	4.9	12	40	< 1	0.4	21.1	< 1	< 1
304582	28	0.3	52	0.4	3	18	48	228	0.02	7.37	21.5	360	2	< 2	0.78	4.9	16	72	3	0.8	8.54	4	< 1
304583	284	9.0	853	3.1	16	842	81	123	0.14	3.37	126	< 50	1	< 2	1.23	15.3	10	50	< 1	0.8	15.8	2	< 1
304584	95	< 0.3	10	1.0	< 1	12	8	44	0.04	0.55	8.8	< 50	< 1	< 2	0.20	5.1	4	25	< 1	0.7	24.3	< 1	< 1
304585	23	< 0.3	44	1.2	< 1	16	20	68	0.06	1.20	8.7	< 50	< 1	3	0.82	18.0	13	26	< 1	0.7	29.5	< 1	< 1
304586	14	1.1	322	1.7	1	36	47	76	0.08	1.38	9.8	< 50	< 1	4	0.85	31.7	15	34	< 1	1.5	36.8	< 1	< 1
304587	1400	1.0	70	1.4	< 1	21	8	79	0.06	1.34	5.5	< 50	< 1	4	0.61	9.7	9	17	2	0.8	33.4	< 1	< 1
304588	182	< 0.3	6	< 0.3	< 1	10	13	33	0.01	6.11	5.4	390	1	< 2	0.80	3.9	4	38	5	0.3	2.83	5	< 1
304589	56	< 0.3	11	0.6	< 1	8	6	23	0.03	0.66	6.8	< 50	< 1	4	0.16	5.9	2	16	< 1	< 0.2	14.0	< 1	< 1
304590	31	< 0.3	23	0.9	< 1	13	12	20	0.03	1.02	6.4	< 50	< 1	2	0.25	8.9	4	22	< 1	0.8	22.0	< 1	< 1
304591	38	0.7	70	1.4	< 1	14	14	54	0.11	0.52	2.9	< 50	< 1	3	0.01	5.0	9	14	< 1	0.4	29.1	< 1	< 1
304592	83	0.4	116	3.2	8	48	115	789	0.11	4.01	156	190	1	2	0.61	11.2	35	42	< 1	0.7	17.7	1	< 1
304593	106	1.8	78	0.7	8	85	43	135	0.07	5.21	73.3	310	1	< 2	1.00	15.8	17	50	< 1	0.8	11.9	4	< 1
304594	21	< 0.3	234	1.2	< 1	15	176	160	0.02	5.93	110	< 50	< 1	3	0.18	7.7	95	134	< 1	0.8	15.9	2	< 1
304595	197	0.7	82	1.1	< 1	15	48	70	0.05	1.32	8.2	< 50	< 1	3	0.43	16.6	9	83	1	1.2	26.6	< 1	< 1
304596	9	0.4	87	0.6	< 1	11	30	154	0.05	0.50	10.7	< 50	< 1	< 2	0.12	4.1	7	11	< 1	0.5	15.3	< 1	< 1
304597	44	< 0.3	105	0.9	1	37	38	310	0.08	3.68	7.3	< 50	< 1	3	0.67	14.6	28	60	< 1	0.8	24.9	3	< 1
304598	294	< 0.3	26	1.3	1	12	13	33	0.04	0.94	5.2	< 50	< 1	3	0.31	13.0	5	22	< 1	0.4	28.1	< 1	< 1
304599	29	< 0.3	33	0.5	< 1	15	43	141	0.05	7.32	16.4	250	2	< 2	0.92	10.9	26	71	6	0.7	7.90	3	< 1
304600	< 2	< 0.3	62	0.5	4	16	60	74	0.08	7.49	16.7	380	2	< 2	1.55	22.3	31	79	5	0.7	5.44	5	< 1
304876	< 2	0.4	4	< 0.3	< 1	16	15	33	0.01	6.62	7.1	400	1	< 2	1.27	3.6	10	48	< 1	0.5	3.34	7	< 1
304877	< 2	3.1	63	< 0.3	4	22	22	97	0.04	6.45	9.6	350	1	< 2	0.78	14.3	5	58	< 1	0.3	9.14	5	< 1
304878	19	0.5	138	1.6	7	16	17	150	0.81	2.01	19.5	< 50	< 1	4	0.02	< 0.5	3	44	< 1	0.5	35.5	1	< 1
304879	11	0.4	145	0.5	2	8	41	102	0.04	0.39	15.7	< 50	< 1	< 2	0.03	3.5	5	10	< 1	0.3	11.1	< 1	< 1
304880	12	< 0.3	16	< 0.3	< 1	26	37	75	0.03	8.48	5.6	300	2	< 2	1.11	9.1	16	70	5	0.6	3.88	6	< 1
304881	74	4.1	78	0.7	16	45	21	123	0.18	6.28	76.8	390	2	< 2	0.48	13.4	8	73	< 1	0.7	14.8	5	< 1
304882	31	1.1	131	2.8	9	40	125	798	0.06	6.09	70.4	690	2	3	0.72	11.3	36	70	2	1.1	14.1	6	1
304883	< 2	< 0.3	12	< 0.3	< 1	17	32	99	0.04	7.77	13.7	780	2	< 2	0.99	11.6	16	75	< 1	0.8	4.10	7	< 1
304884	< 2	0.4	19	< 0.3	< 1	12	63	60	0.03	7.48	118	960	1	< 2	0.65	4.7	13	104	4	0.8	5.03	7	< 1
304885	< 2	0.9	94	1.7	55	36	71	418	0.06	5.82	145	620	2	< 2	0.89	7.2	15	48	< 1	0.9	9.76	5	< 1
304886	< 2	< 0.3	66	1.5	2	14	190	790	0.10	7.31	10.9	780	3	< 2	1.48	29.5	45	63	< 1	1.6	8.83	5	< 1
304887	< 2	< 0.3	20	< 0.3	< 1	13	20	53	0.01	6.68	4.3	640	2	< 2	1.63	< 0.5	14	41	< 1	1.0	3.59	8	< 1
304888	34	< 0.3	38	< 0.3	10	25	15	267	0.09	5.49	7.9	590	1	< 2	0.57	3.1	< 1	44	< 1	< 0.2	8.71	5	< 1
304889	< 2	0.9	138	1.6	10	20	100	609	0.10	6.47	45.5	< 50	1	3	0.31	5.8	35	112	< 1	< 0.2	16.2	3	< 1
304890	< 2	< 0.3	16	< 0.3	< 1	15	24	50	0.01	7.50	7.1	790	2	< 2	1.35	< 0.5	16	48	< 1	0.8	3.02	7	< 1
304891	< 2	0.4	24	< 0.3	< 1	19	31	72	0.01	8.26	7.9	960	2	< 2	1.21	3.1	15	86	< 1	1.1	5.06	8	< 1
304892	< 2	0.4	310	0.8	6	11	75	114	0.15	5.61	< 0.5	< 50	< 1	3	0.02	< 0.5	27	117	< 1	0.7	21.2	3	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
304893	< 2	< 0.3	10	< 0.3	< 1	19	29	58	0.02	7.09	9.0	440	2	< 2	1.02	4.2	9	79	3	0.7	6.91	5	< 1
304894	139	0.5	48	0.7	19	35	35	120	0.06	6.11	98.4	< 50	1	< 2	0.39	2.9	15	81	5	0.6	10.1	4	< 1
304895	53	0.7	117	1.2	2	21	88	191	0.10	5.53	26.0	460	1	< 2	1.83	10.2	31	73	4	0.6	7.96	4	< 1
304896	< 2	< 0.3	196	0.5	< 1	9	53	88	0.02	6.13	4.2	< 50	< 1	< 2	0.76	3.5	44	32	14	0.4	10.3	3	< 1
304897	24	1.6	220	1.1	2	148	19	122	0.23	3.48	127	< 50	< 1	4	0.10	< 0.5	< 1	96	< 1	0.6	26.5	< 1	< 1
304898	79	0.6	100	0.9	< 1	12	35	76	0.20	1.46	25.6	< 50	< 1	2	1.81	3.7	19	37	< 1	1.1	23.9	< 1	< 1
304899	161	< 0.3	45	0.6	< 1	9	8	44	0.04	0.77	39.7	< 50	< 1	2	0.46	2.8	8	10	< 1	0.6	18.8	< 1	< 1
304900	20	< 0.3	98	1.2	< 1	13	71	50	0.06	2.64	119	< 50	< 1	4	0.53	17.6	33	102	< 1	1.4	25.8	2	< 1
304851	< 2	< 0.3	9	< 0.3	< 1	13	18	40	0.01	7.20	3.8	710	2	< 2	1.36	< 0.5	10	59	< 1	0.7	3.81	9	< 1
304852	< 2	< 0.3	9	< 0.3	< 1	12	18	30	0.01	7.10	5.5	620	1	< 2	1.46	< 0.5	9	56	3	0.6	2.72	5	< 1
304853	< 2	< 0.3	17	0.8	< 1	9	19	39	0.03	1.33	6.7	< 50	< 1	2	0.62	9.4	10	35	< 1	0.6	16.8	< 1	< 1
304854	< 2	0.4	16	< 0.3	< 1	13	25	48	0.03	7.25	3.2	740	1	< 2	1.55	3.9	9	56	4	< 0.2	3.20	6	< 1
304855	< 2	0.3	14	< 0.3	< 1	14	22	42	0.01	7.57	4.1	620	2	< 2	1.46	< 0.5	11	57	< 1	1.0	3.50	8	< 1
304856	< 2	< 0.3	13	< 0.3	< 1	13	23	60	0.02	7.21	3.9	880	2	< 2	1.43	3.2	8	67	< 1	0.7	3.66	5	< 1
304857	< 2	< 0.3	21	< 0.3	< 1	14	29	58	0.02	7.07	4.3	780	1	< 2	1.51	4.9	10	66	2	0.8	4.27	9	< 1
304858	< 2	< 0.3	8	< 0.3	< 1	13	14	41	0.02	5.83	2.9	560	1	< 2	1.18	7.9	10	45	< 1	< 0.2	3.38	9	< 1
304859	< 2	< 0.3	12	< 0.3	< 1	14	20	42	0.01	7.43	1.9	940	2	< 2	1.79	< 0.5	13	62	< 1	1.0	3.30	8	< 1
304860	< 2	< 0.3	9	< 0.3	< 1	14	21	40	0.02	7.36	3.9	720	2	< 2	1.68	3.6	11	66	< 1	1.0	3.30	7	< 1
304861	< 2	< 0.3	15	< 0.3	< 1	15	25	48	0.02	7.36	3.6	860	2	< 2	1.64	< 0.5	10	63	5	0.9	3.53	6	< 1
304862	< 2	< 0.3	13	1.9	< 1	18	7	32	0.05	0.55	2.9	< 50	1	4	3.81	9.0	5	22	< 1	1.1	42.3	< 1	< 1
304863	< 2	< 0.3	45	0.4	1	20	36	73	0.07	4.43	53.1	370	1	< 2	1.19	3.4	13	40	< 1	1.0	7.86	5	< 1
304864	< 2	0.3	12	< 0.3	< 1	13	26	47	0.01	7.04	5.9	920	2	< 2	1.42	< 0.5	13	42	< 1	1.0	4.18	7	< 1
304865	< 2	< 0.3	11	< 0.3	2	10	15	30	0.01	6.50	3.6	810	1	< 2	1.35	< 0.5	9	30	< 1	0.9	2.64	6	< 1
304866	< 2	< 0.3	5	< 0.3	< 1	15	15	36	0.01	6.95	5.3	710	1	< 2	1.59	< 0.5	7	44	< 1	0.7	3.09	8	< 1
304867	< 2	0.4	5	< 0.3	< 1	11	15	38	0.01	6.34	6.9	730	1	< 2	1.42	2.5	8	44	< 1	0.6	3.10	6	< 1
304868	< 2	< 0.3	32	< 0.3	< 1	6	39	138	0.01	7.47	4.7	700	2	< 2	0.85	< 0.5	33	55	< 1	2.0	8.25	6	< 1
304869	< 2	< 0.3	5	< 0.3	< 1	12	14	32	0.02	6.81	3.8	750	2	< 2	1.53	2.0	8	29	< 1	0.8	2.44	6	< 1
304870	< 2	< 0.3	8	< 0.3	< 1	14	22	38	0.02	6.88	17.2	530	2	< 2	1.24	3.9	9	71	3	0.7	4.84	13	< 1
304871	< 2	1.1	385	2.0	14	46	159	386	0.21	2.11	4.6	< 50	2	3	0.83	12.6	15	82	< 1	0.6	19.3	< 1	< 1
304872	< 2	0.6	29	1.7	2	15	6	47	0.44	1.68	28.1	< 50	< 1	4	0.21	5.3	< 1	36	< 1	< 0.2	35.9	2	< 1
304873	< 2	0.3	9	0.9	< 1	14	12	30	0.09	3.81	9.8	370	2	2	1.29	18.4	8	45	< 1	0.7	21.3	4	< 1
304874	< 2	< 0.3	9	1.3	< 1	14	16	42	0.04	1.14	7.5	< 50	2	5	0.80	13.3	11	32	< 1	0.7	28.5	< 1	< 1
304875	< 2	0.6	115	2.0	5	16	7	77	0.67	0.71	12.3	< 50	< 1	4	0.02	4.5	< 1	37	< 1	< 0.2	39.5	< 1	< 1
375976	1760	< 0.3	24	1.3	< 1	13	10	34	0.05	0.53	7.3	< 50	1	3	0.45	12.4	9	17	4	0.8	27.4	< 1	< 1
375977	< 2	< 0.3	8	0.8	< 1	8	9	22	0.03	0.57	3.1	< 50	< 1	< 2	0.22	4.4	7	24	< 1	0.3	19.0	< 1	< 1
375978	34	< 0.3	4	0.4	< 1	6	3	12	0.02	0.21	3.6	< 50	< 1	4	0.23	5.4	3	6	< 1	0.4	14.4	< 1	< 1
375979	795	< 0.3	19	0.7	< 1	14	11	25	0.06	0.73	21.4	< 50	2	< 2	0.66	5.9	10	27	13	0.9	19.5	< 1	< 1
375980	< 2	< 0.3	140	1.0	7	20	25	100	0.06	4.85	47.8	390	< 1	< 2	0.49	9.5	5	63	< 1	0.6	11.1	5	< 1
375981	< 2	< 0.3	11	< 0.3	< 1	< 3	28	60	0.02	6.73	10.0	< 50	< 1	< 2	0.38	< 0.5	11	106	< 1	0.3	5.42	3	< 1
375982	< 2	< 0.3	20	< 0.3	< 1	15	14	67	0.04	9.34	9.4	660	2	< 2	0.33	3.6	8	111	19	< 0.2	4.17	6	< 1
375983	28	< 0.3	66	0.6	5	23	72	430	0.04	7.05	33.0	560	2	< 2	1.03	5.5	24	74	5	0.7	7.45	3	< 1
375984	< 2	< 0.3	130	0.5	< 1	12	112	75	0.05	6.41	13.1	< 50	< 1	< 2	0.48	< 0.5	53	114	5	0.6	9.14	2	< 1
375985	95	< 0.3	9	1.1	< 1	13	9	28	0.04	0.65	11.6	< 50	< 1	4	0.59	11.3	10	30	< 1	0.5	25.6	< 1	< 1
375986	794	1.6	70	2.4	86	48	42	686	0.11	3.38	80.7	< 50	< 1	< 2	1.13	21.8	3	55	< 1	1.1	13.7	3	< 1
375987	29	< 0.3	66	0.6	4	21	48	271	0.03	7.17	17.6	580	2	< 2	1.03	6.7	13	60	3	0.8	6.50	3	< 1
375988	1710	0.5	12	1.1	1	11	9	20	0.04	0.91	33.2	< 50	1	3	0.35	10.8	10	11	2	0.4	25.4	1	< 1
375989	211	< 0.3	32	1.0	< 1	12	17	56	0.04	2.14	9.5	< 50	1	3	0.33	6.8	11	23	< 1	1.4	24.6	2	< 1
375990	362	0.6	29	1.1	2	12	18	54	0.04	1.58	10.7	< 50	< 1	< 2	0.45	9.4	6	32	< 1	0.7	23.3	1	< 1
375991	246	< 0.3	40	1.1	< 1	12	18	78	0.07	0.57	6.7	< 50	< 1	2	0.86	10.3	5	12	< 1	0.7	22.8	< 1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
375992	350	0.5	14	0.4	< 1	6	12	35	0.12	0.34	4.9	< 50	< 1	< 2	1.73	12.7	4	14	< 1	0.3	13.3	< 1	< 1
375993	34	0.7	256	1.5	< 1	56	13	54	0.10	0.88	58.4	< 50	< 1	3	0.26	5.5	4	23	< 1	< 0.2	33.0	3	< 1
375994	7	< 0.3	20	0.5	< 1	9	25	28	0.05	0.59	80.5	< 50	< 1	< 2	0.42	8.5	7	22	< 1	0.4	12.2	< 1	< 1
375995	200	0.9	193	1.3	4	73	9	28	0.26	0.82	16.0	< 50	< 1	3	0.04	8.6	3	32	< 1	0.4	31.7	< 1	< 1
375996	1520	< 0.3	30	0.8	1	9	24	32	0.04	0.65	11.0	< 50	< 1	< 2	0.29	10.0	9	7	7	0.3	18.6	< 1	< 1
375997	87	< 0.3	10	0.7	< 1	9	21	26	0.04	1.29	35.4	< 50	< 1	2	0.44	9.0	14	37	6	0.4	19.1	1	< 1
375998	< 2	< 0.3	12	1.3	4	15	23	47	0.04	0.55	2.7	< 50	1	4	2.19	12.8	13	40	< 1	1.0	29.8	< 1	< 1
375999	< 2	< 0.3	8	1.1	< 1	10	10	26	0.05	0.43	2.5	< 50	< 1	2	1.99	16.4	9	12	< 1	0.7	22.5	< 1	< 1
376000	< 2	< 0.3	37	0.9	1	18	32	32	0.11	1.75	2.5	< 50	1	< 2	3.20	35.8	20	42	< 1	1.1	20.1	< 1	< 1
375951	104	1.2	474	1.9	2	19	218	544	0.05	4.80	88.2	< 50	< 1	2	0.29	7.3	67	120	< 1	0.6	19.9	< 1	< 1
375952	49	0.7	97	1.7	< 1	27	32	87	0.05	1.61	86.0	< 50	< 1	3	0.85	13.6	16	37	< 1	1.4	30.1	< 1	< 1
375953	70	0.4	66	1.0	< 1	12	22	77	0.40	0.90	27.4	< 50	< 1	3	3.38	5.1	13	41	< 1	0.5	23.1	< 1	< 1
375954	80	1.5	9	0.5	12	331	11	46	0.67	7.99	145	< 50	2	6	0.15	< 0.5	6	137	< 1	< 0.2	7.70	4	< 1
375955	< 2	< 0.3	28	0.3	< 1	20	299	123	0.05	4.36	2.0	< 50	2	3	4.55	4.6	64	553	< 1	1.8	10.4	8	< 1
375956	< 2	< 0.3	63	0.6	< 1	14	24	58	0.04	5.80	20.8	590	1	< 2	0.76	6.9	14	97	< 1	< 0.2	5.84	6	< 1
375957	< 2	< 0.3	55	0.3	1	8	12	59	0.03	1.95	9.4	< 50	< 1	< 2	0.35	3.3	4	32	< 1	0.2	7.14	3	< 1
375958	16	0.4	32	0.9	2	14	24	106	0.07	5.28	28.6	< 50	1	< 2	1.41	8.8	15	63	3	< 0.2	5.97	4	< 1
375959	25	< 0.3	34	0.6	< 1	19	36	224	0.08	4.06	32.1	270	1	< 2	1.24	11.8	28	49	5	0.6	11.2	3	< 1
375960	309	0.3	53	1.5	< 1	15	14	53	0.10	0.51	10.0	< 50	< 1	5	3.06	4.1	17	21	< 1	0.9	37.2	< 1	< 1
375961	309	< 0.3	32	1.2	< 1	13	12	61	0.05	1.14	129	< 50	< 1	4	0.78	16.8	11	13	< 1	0.9	30.5	< 1	< 1
375962	1730	0.9	72	1.1	< 1	126	14	42	0.51	0.68	22.6	< 50	< 1	3	2.25	10.3	24	6	< 1	0.6	26.6	< 1	< 1
375963	101	0.7	88	0.5	9	27	26	132	0.04	6.90	34.3	530	1	< 2	0.61	5.3	8	63	2	< 0.2	10.4	4	< 1
375964	137	3.4	82	1.3	29	219	31	267	0.49	4.08	261	< 50	< 1	4	0.48	28.2	13	48	< 1	0.3	23.5	4	< 1
375965	50	0.6	75	0.5	6	23	43	195	0.04	6.72	38.1	< 50	1	< 2	1.11	10.0	16	67	< 1	0.6	9.34	4	< 1
375966	< 2	0.4	53	0.4	5	18	51	218	0.04	8.07	24.2	640	2	< 2	1.10	3.8	15	73	5	1.5	6.84	4	< 1
375967	1200	< 0.3	21	1.0	< 1	8	11	44	0.03	0.34	15.7	< 50	< 1	3	0.27	9.9	15	20	2	0.7	23.0	< 1	< 1
375968	77	< 0.3	19	1.0	1	13	25	32	0.05	1.52	26.3	< 50	2	3	0.18	10.8	21	52	< 1	1.4	26.1	< 1	< 1
375969	336	0.6	34	1.7	3	42	14	93	0.09	0.20	247	< 50	< 1	5	0.11	6.3	4	39	< 1	< 0.2	43.9	< 1	< 1
375970	1460	0.5	27	1.3	< 1	17	14	98	0.08	0.60	21.6	< 50	< 1	4	0.74	20.4	12	27	< 1	0.7	30.3	< 1	< 1
375971	39	< 0.3	30	0.9	< 1	10	25	35	0.04	2.22	4.8	< 50	1	4	0.57	17.6	18	46	15	0.8	24.9	2	< 1
375972	20	< 0.3	57	0.7	2	15	35	89	0.06	6.20	57.2	< 50	1	< 2	1.63	18.0	23	66	< 1	< 0.2	9.22	4	< 1
375973	144	< 0.3	18	0.7	< 1	10	13	25	0.07	0.92	12.7	< 50	< 1	< 2	0.89	7.8	8	43	6	0.4	16.7	2	< 1
375974	< 2	< 0.3	61	0.6	11	38	43	208	0.05	7.60	21.3	560	2	< 2	0.35	< 0.5	22	95	6	0.6	8.76	3	< 1
375975	< 2	< 0.3	51	1.1	4	17	30	105	0.08	5.99	18.9	350	1	< 2	1.09	5.5	11	71	7	0.8	6.39	6	< 1
376001	9	0.8	93	1.0	3	12	28	69	0.05	1.55	6.8	< 50	1	< 2	0.37	13.8	12	21	< 1	0.9	19.4	< 1	< 1
376002	80	0.4	152	0.9	17	21	35	71	0.10	3.14	17.5	< 50	1	< 2	0.61	9.9	7	43	< 1	0.9	17.3	2	< 1
376003	1450	< 0.3	25	0.6	2	9	16	46	0.05	0.79	38.0	< 50	< 1	< 2	0.51	13.8	7	20	< 1	0.8	19.4	< 1	< 1
376004	1470	0.4	47	1.5	1	11	12	55	0.12	0.37	7.3	< 50	< 1	3	0.01	2.6	8	15	< 1	0.5	33.1	< 1	< 1
376005	19	0.3	12	2.0	6	12	84	868	0.16	0.24	7.9	< 50	< 1	3	0.65	26.5	23	< 2	< 1	0.4	44.4	< 1	< 1
376006	< 2	< 0.3	25	< 0.3	< 1	< 3	7	9	0.02	0.07	< 0.5	< 50	< 1	< 2	< 0.01	< 0.5	5	5	< 1	< 0.2	6.54	< 1	< 1
376007	< 2	< 0.3	5	0.5	< 1	9	8	23	0.03	2.46	< 0.5	310	1	3	0.62	8.7	8	23	< 1	0.7	15.0	3	< 1
376008	< 2	< 0.3	10	1.2	< 1	13	8	34	0.06	0.64	1.2	< 50	1	4	1.03	19.5	5	16	< 1	0.5	29.8	< 1	< 1
376009	< 2	< 0.3	6	0.7	< 1	12	7	36	0.07	2.69	< 0.5	< 50	1	< 2	1.20	20.9	< 1	25	< 1	0.4	17.1	3	< 1
376010	11	< 0.3	8	0.9	< 1	12	10	45	0.06	1.85	4.6	300	1	< 2	0.91	18.3	6	27	< 1	0.6	23.0	2	< 1
376011	85	2.9	82	0.6	128	76	37	315	0.12	3.67	127	< 50	1	3	0.62	12.4	4	62	3	0.7	13.0	4	< 1
376012	< 2	< 0.3	12	1.9	4	12	89	839	0.57	0.22	2.6	< 50	< 1	5	0.36	13.1	17	14	< 1	0.5	39.0	< 1	< 1
376013	< 2	< 0.3	16	2.0	6	14	230	1330	0.89	0.19	4.4	300	< 1	6	0.10	21.6	137	17	< 1	0.8	39.4	< 1	< 1
376014	33	1.0	58	< 0.3	25	29	29	143	0.04	5.40	41.8	450	1	< 2	1.13	7.6	6	53	< 1	0.3	9.62	4	< 1
376015	< 2	0.4	12	1.1	2	12	9	43	0.09	0.52	2.4	< 50	< 1	4	1.38	17.9	7	9	< 1	< 0.2	27.2	< 1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
376016	< 2	< 0.3	34	0.4	5	11	41	34	0.06	3.99	< 0.5	< 50	3	< 2	1.22	11.3	13	40	< 1	1.1	12.1	6	< 1
376017	< 2	0.3	19	< 0.3	< 1	11	23	49	0.05	6.23	5.2	750	1	< 2	1.61	12.4	< 1	56	< 1	0.5	4.31	5	< 1
376018	< 2	0.3	23	< 0.3	< 1	14	29	60	0.02	7.16	7.8	680	2	< 2	1.35	3.6	10	58	< 1	0.8	4.23	4	< 1
376019	110	< 0.3	25	< 0.3	1	12	24	52	0.03	5.48	6.2	520	1	< 2	1.22	5.9	9	40	< 1	0.7	6.37	3	< 1
376020	< 2	< 0.3	18	< 0.3	1	13	27	51	0.02	6.02	6.1	630	1	< 2	1.23	< 0.5	11	61	3	0.4	4.26	4	< 1
376021	37	< 0.3	26	1.0	< 1	11	19	50	0.03	1.03	5.4	< 50	< 1	2	0.49	9.3	9	37	< 1	0.3	17.6	< 1	< 1
376022	39	0.5	41	< 0.3	< 1	18	21	71	0.15	4.12	7.9	400	< 1	< 2	2.12	26.5	10	51	< 1	0.3	6.95	3	< 1
376023	< 2	< 0.3	15	0.5	< 1	5	9	28	0.02	0.42	2.5	< 50	< 1	2	0.16	3.6	3	13	< 1	0.3	12.1	< 1	< 1
376024	8	< 0.3	42	< 0.3	< 1	13	24	56	0.04	5.94	7.8	500	1	< 2	1.64	7.8	9	45	2	0.8	4.75	4	< 1
376025	< 2	< 0.3	48	0.5	< 1	14	44	98	0.02	6.29	7.8	650	1	< 2	1.67	2.6	21	65	< 1	0.7	6.64	4	< 1
376026	34	< 0.3	17	0.6	< 1	11	12	34	0.07	0.73	9.8	< 50	< 1	< 2	1.44	17.6	6	11	< 1	< 0.2	15.3	< 1	< 1
376027	10	< 0.3	13	0.8	< 1	14	14	35	0.05	1.98	6.8	< 50	2	< 2	0.77	11.6	7	28	< 1	0.7	18.2	1	< 1
376028	17	< 0.3	9	0.9	< 1	11	14	46	0.04	0.79	3.6	< 50	< 1	2	0.80	16.1	9	22	< 1	0.4	19.5	< 1	< 1
376101	7	< 0.3	7	0.7	< 1	8	8	22	0.04	0.53	4.3	< 50	< 1	< 2	0.37	18.1	7	14	< 1	0.5	17.8	1	< 1
376102	12	< 0.3	10	0.8	< 1	12	11	37	0.05	0.66	4.4	< 50	< 1	2	1.41	21.9	6	20	< 1	0.7	19.4	< 1	< 1
376103	14	0.6	26	0.9	7	21	19	98	0.03	2.55	17.5	< 50	< 1	4	0.77	9.7	4	26	< 1	0.5	14.5	2	< 1
376104	9	< 0.3	12	0.9	< 1	15	12	77	0.06	2.43	2.9	< 50	1	< 2	0.99	27.6	7	23	< 1	0.5	14.4	2	< 1
376105	21	< 0.3	9	1.1	< 1	11	11	21	0.08	0.38	2.1	< 50	1	2	3.09	20.9	10	14	< 1	0.6	26.0	< 1	< 1
376106	39	1.7	96	0.7	38	51	36	28	0.08	2.87	11.3	310	3	3	0.40	13.9	11	43	< 1	1.1	17.4	1	< 1
376107	19	< 0.3	42	0.5	9	59	31	188	0.06	5.94	13.8	720	2	< 2	1.10	7.3	19	103	< 1	0.5	11.0	11	< 1
376108	9	< 0.3	19	< 0.3	< 1	19	35	71	0.02	7.05	6.2	710	2	< 2	1.55	< 0.5	13	46	< 1	0.6	3.14	5	< 1
376109	13	0.4	19	0.7	9	18	405	497	0.06	4.73	18.4	1030	< 1	3	1.30	19.5	46	47	3	0.6	12.8	3	< 1
376110	1370	< 0.3	45	1.0	< 1	13	31	28	0.06	1.06	9.2	< 50	< 1	3	0.51	17.1	14	55	< 1	0.4	23.7	1	< 1
376111	19	0.3	15	0.6	1	14	9	35	0.05	0.47	2.9	< 50	< 1	< 2	0.47	7.3	5	< 2	< 1	0.3	17.2	< 1	< 1
376112	176	< 0.3	14	0.7	< 1	10	9	24	0.04	0.49	1.1	< 50	< 1	< 2	0.46	8.4	6	8	< 1	0.4	18.9	< 1	< 1
376113	21	< 0.3	11	0.8	1	12	11	26	0.05	0.76	1.9	< 50	< 1	2	0.78	12.2	6	11	< 1	0.4	20.4	< 1	< 1
376114	43	< 0.3	13	1.0	< 1	15	12	40	0.06	0.60	2.5	< 50	< 1	2	0.95	18.4	8	19	< 1	0.3	22.4	< 1	< 1
376115	< 2	< 0.3	10	0.9	< 1	10	9	23	0.09	0.37	1.8	< 50	< 1	< 2	2.86	17.5	6	14	< 1	0.2	18.1	< 1	< 1
376116	4	< 0.3	17	0.5	< 1	11	6	22	0.46	0.36	< 0.5	< 50	< 1	2	12.4	2.6	3	11	< 1	0.3	13.6	< 1	< 1
376117	314	< 0.3	14	0.4	< 1	7	8	24	0.02	0.77	1.3	< 50	< 1	3	0.41	5.5	5	17	< 1	0.2	11.9	1	< 1
376118	80	< 0.3	14	1.0	< 1	15	10	29	0.06	0.69	1.9	< 50	< 1	3	1.77	13.8	7	18	< 1	0.3	23.8	< 1	< 1
376119	11	0.3	16	0.3	< 1	6	6	16	0.78	0.26	< 0.5	< 50	< 1	< 2	4.19	2.6	3	< 2	< 1	0.2	11.9	< 1	< 1
376120	3	< 0.3	2	0.3	< 1	4	4	17	0.08	0.10	0.9	< 50	< 1	< 2	0.95	1.9	3	< 2	< 1	< 0.2	9.91	< 1	< 1
376121	737	< 0.3	23	0.5	< 1	6	6	19	0.05	0.53	2.5	< 50	< 1	3	0.44	2.8	6	17	< 1	< 0.2	14.2	< 1	< 1
303676	610	10.1	19	< 0.3	1	294	2	18	0.14	6.96	60.8	740	4	< 2	0.01	< 0.5	< 1	135	< 1	1.6	4.69	3	< 1
303677	210	1.0	115	0.3	13	34	39	216	0.11	5.29	92.2	560	1	3	0.43	3.1	13	74	< 1	0.5	17.2	5	< 1
303678	167	0.3	60	< 0.3	1	7	15	26	0.04	0.74	2.4	< 50	< 1	3	0.03	2.8	3	17	< 1	0.4	21.8	< 1	< 1
303679	42	0.4	104	0.4	< 1	9	29	81	0.03	0.24	< 0.5	< 50	< 1	3	0.16	4.9	6	12	< 1	0.7	25.7	< 1	< 1
303680	470	0.4	65	0.5	1	8	12	56	0.07	0.61	1.8	< 50	< 1	4	0.06	3.5	4	16	< 1	0.8	30.8	< 1	< 1
303681	282	2.7	78	< 0.3	40	18	3	121	0.18	6.67	13.3	< 50	2	5	0.01	< 0.5	< 1	83	< 1	0.9	18.0	4	< 1
303682	50	< 0.3	31	0.4	< 1	8	15	35	0.04	2.23	3.5	< 50	1	3	0.72	9.3	13	38	< 1	0.7	22.3	3	< 1
303683	273	0.3	31	0.4	< 1	9	15	51	0.06	1.37	7.6	< 50	1	4	0.74	22.4	13	27	< 1	0.6	26.0	2	< 1
303684	2310	0.3	29	< 0.3	< 1	11	9	35	0.05	0.67	6.7	< 50	< 1	3	0.63	10.5	7	20	< 1	0.7	25.0	< 1	< 1
303685	< 2	< 0.3	22	< 0.3	< 1	5	7	15	0.03	0.34	2.2	< 50	2	3	0.14	< 0.5	5	13	< 1	< 0.2	20.4	< 1	< 1
303686	53	0.4	69	1.1	15	36	24	181	0.06	5.55	99.4	630	1	2	0.52	5.6	13	90	< 1	0.5	13.4	5	< 1
303687	< 2	0.6	37	< 0.3	< 1	12	33	67	0.02	5.98	6.5	890	1	< 2	0.82	< 0.5	17	77	5	0.6	4.83	6	< 1
303688	140	2.3	124	< 0.3	7	23	31	187	0.06	6.38	49.5	460	1	3	0.49	4.3	9	84	< 1	< 0.2	12.5	6	< 1
303689	< 2	< 0.3	74	< 0.3	4	7	20	19	0.09	0.15	51.8	< 50	< 1	< 2	< 0.01	1.4	3	4	< 1	< 0.2	6.15	< 1	< 1
303690	1490	< 0.3	61	0.4	2	16	32	107	0.04	6.36	256	590	1	2	0.96	< 0.5	15	68	3	0.3	9.01	6	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
303691	40	0.3	22	< 0.3	< 1	11	19	41	0.03	4.40	11.1	490	1	5	0.93	11.0	12	54	< 1	0.8	16.4	5	< 1
303692	630	0.5	38	< 0.3	3	17	28	109	0.02	6.66	24.1	750	1	< 2	0.98	5.4	8	62	< 1	0.6	7.25	7	< 1
303693	14	< 0.3	24	< 0.3	< 1	9	21	20	0.03	1.18	13.5	< 50	1	6	0.38	7.3	11	40	< 1	1.2	18.6	< 1	< 1
303694	144	0.4	55	0.6	4	10	16	48	0.04	0.98	10.5	< 50	< 1	5	0.22	8.4	9	31	< 1	0.9	28.0	< 1	< 1
303695	445	1.3	147	< 0.3	5	28	25	96	0.11	4.66	29.4	< 50	< 1	5	0.56	4.3	12	83	< 1	0.4	19.7	4	< 1
303696	399	1.0	49	0.6	1	8	14	58	0.04	1.94	3.8	< 50	< 1	5	0.24	< 0.5	10	29	14	1.1	36.1	3	< 1
303697	4330	0.8	82	0.4	< 1	8	12	60	0.04	0.64	6.0	< 50	< 1	5	0.05	5.7	8	9	< 1	0.9	30.1	< 1	< 1
303698	968	< 0.3	28	< 0.3	< 1	6	15	25	0.04	1.04	17.4	< 50	< 1	4	0.44	8.5	11	59	7	0.7	23.8	< 1	< 1
303699	421	< 0.3	25	< 0.3	< 1	9	16	27	0.05	1.43	22.0	< 50	< 1	3	0.41	8.3	11	43	4	0.8	21.3	2	< 1
303700	368	0.3	28	0.3	1	9	10	29	0.04	1.26	10.9	< 50	< 1	4	0.28	5.6	6	34	< 1	0.5	24.0	2	< 1

Results

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
304401	< 5	0.01	10	0.40	6580	0.05	0.038	< 15	0.2	1.0	< 3	11	< 0.5	0.02	< 0.2	0.8	45	< 1	7	10.5	18	5	2.1
304402	< 5	1.92	14	0.27	211	0.12	0.068	< 15	7.1	10.5	20	20	2.0	0.24	6.8	6.6	199	< 1	9	30.7	70	20	5.2
304403	< 5	2.12	8	0.47	230	1.13	0.050	< 15	0.7	6.8	< 3	145	< 0.5	0.30	7.2	6.2	125	< 1	7	22.5	43	12	3.3
304404	< 5	1.90	12	1.03	1610	1.82	0.062	87	< 0.1	9.2	< 3	227	< 0.5	0.28	5.6	1.0	90	< 1	13	21.0	41	13	4.0
304405	< 5	2.45	19	0.88	373	2.39	0.069	81	< 0.1	8.1	< 3	272	< 0.5	0.31	9.8	4.1	70	< 1	14	34.3	69	9	5.5
304406	< 5	2.62	19	0.83	895	2.36	0.058	149	< 0.1	7.9	< 3	274	< 0.5	0.29	8.9	2.6	70	< 1	13	32.9	61	17	5.3
304407	< 5	2.32	11	0.58	383	2.03	0.034	92	< 0.1	6.0	< 3	264	< 0.5	0.28	4.7	2.0	68	< 1	8	17.4	48	7	2.7
304408	< 5	2.32	16	0.66	1000	2.03	0.035	48	< 0.1	6.3	< 3	252	< 0.5	0.28	6.4	< 0.5	61	< 1	9	21.7	44	6	4.0
304409	< 5	2.14	15	0.67	1370	1.89	0.055	< 15	< 0.1	6.8	< 3	216	< 0.5	0.24	8.1	1.1	60	< 1	12	31.6	60	15	5.5
304410	< 5	1.79	20	0.62	2020	1.65	0.038	65	0.3	6.7	< 3	186	< 0.5	0.27	6.8	< 0.5	68	< 1	8	25.5	49	12	4.6
304411	< 5	2.19	14	0.80	541	3.76	0.085	< 15	0.3	12.0	< 3	293	< 0.5	0.27	14.2	3.2	68	< 1	14	46.4	92	28	8.4
304412	< 5	2.37	17	0.83	509	2.54	0.071	136	< 0.1	7.8	< 3	288	< 0.5	0.24	6.6	< 0.5	59	< 1	12	29.8	38	17	3.9
304413	< 5	2.13	19	0.78	768	2.22	0.049	< 15	0.3	7.7	< 3	260	< 0.5	0.27	9.8	< 0.5	65	< 1	11	28.3	37	17	3.8
304414	< 5	2.24	22	0.90	933	2.08	0.047	< 15	< 0.1	8.0	< 3	237	< 0.5	0.23	7.9	3.9	55	< 1	11	26.4	41	12	3.0
304415	< 5	0.07	4	0.32	5000	0.06	0.041	< 15	< 0.1	1.2	< 3	17	< 0.5	0.02	0.8	1.8	20	< 1	12	11.0	18	6	1.4
304416	< 5	0.11	< 1	0.03	170	0.09	0.038	< 15	0.2	1.1	< 3	11	< 0.5	0.02	1.5	2.5	14	< 1	< 1	1.8	< 3	< 5	0.1
304417	< 5	2.70	14	0.70	564	2.61	0.076	152	< 0.1	7.6	< 3	307	< 0.5	0.29	7.1	2.3	61	< 1	12	30.2	43	18	3.9
304418	< 5	2.42	14	0.64	897	2.39	0.064	< 15	< 0.1	7.2	< 3	279	< 0.5	0.27	7.8	< 0.5	58	< 1	13	30.4	50	23	4.4
304419	< 5	2.56	14	0.67	489	2.25	0.053	100	< 0.1	6.6	< 3	291	< 0.5	0.22	7.2	< 0.5	51	< 1	10	24.0	34	21	3.4
304420	< 5	2.37	17	0.72	883	2.33	0.063	122	< 0.1	8.0	< 3	274	< 0.5	0.30	7.8	3.0	65	< 1	11	31.2	46	13	4.2
304421	< 5	1.93	13	0.60	510	2.46	0.061	56	< 0.1	7.6	< 3	264	< 0.5	0.28	7.7	3.5	56	< 1	9	31.6	39	18	3.9
304422	< 5	2.43	17	0.73	441	2.51	0.074	110	< 0.1	8.5	< 3	287	< 0.5	0.24	9.5	2.8	49	< 1	13	33.4	< 3	17	4.6
304423	< 5	2.29	14	0.71	558	2.56	0.071	72	< 0.1	8.1	< 3	301	< 0.5	0.29	9.0	< 0.5	61	< 1	13	36.2	51	15	4.8
304424	< 5	2.73	26	1.00	1160	1.57	0.099	164	< 0.1	10.6	< 3	185	< 0.5	0.35	12.8	4.7	85	< 1	11	35.6	52	23	4.2
304425	< 5	2.35	17	0.77	854	2.17	0.052	66	< 0.1	8.6	< 3	249	< 0.5	0.28	8.7	1.5	73	< 1	14	35.8	51	18	4.6
303976	< 5	1.59	19	1.01	7850	1.33	0.036	61	0.3	6.7	< 3	157	< 0.5	0.28	7.2	2.5	103	< 1	12	22.9	41	11	2.8
303977	< 5	0.41	4	0.21	9180	0.01	0.012	< 15	< 0.1	2.5	< 3	6	< 0.5	0.09	1.0	< 0.5	82	< 1	5	4.2	8	< 5	0.7
303978	< 5	2.21	26	0.72	1110	1.95	0.055	36	0.3	8.0	< 3	213	< 0.5	0.29	8.7	2.9	79	< 1	12	24.1	43	13	3.4
303979	< 5	1.96	13	0.31	192	0.76	0.178	< 15	19.4	6.2	21	90	< 0.5	0.25	3.5	6.2	743	< 1	9	20.9	29	8	2.5
303980	< 5	1.36	13	0.20	188	0.07	0.130	35	4.0	12.9	< 3	6	< 0.5	0.18	2.3	5.1	108	< 1	4	13.2	21	7	1.4
303981	< 5	1.80	29	1.55	620	1.21	0.016	83	1.0	10.1	< 3	19	< 0.5	0.31	11.2	4.7	219	< 1	6	6.8	19	8	0.8
303982	< 5	1.11	24	1.71	877	0.86	0.066	53	3.5	19.3	< 3	78	< 0.5	0.37	3.3	2.5	229	< 1	10	13.2	22	< 5	1.8
303983	< 5	0.64	28	2.18	2460	1.14	0.044	< 15	1.2	23.0	< 3	79	< 0.5	0.36	3.6	< 0.5	237	< 1	19	14.9	< 3	17	3.1
303984	< 5	0.11	4	0.40	2030	0.02	0.074	< 15	0.2	1.7	< 3	22	< 0.5	0.03	1.4	3.4	31	< 1	40	44.5	64	15	4.4
303985	< 5	0.80	19	1.81	768	1.08	0.056	< 15	1.1	21.2	< 3	142	< 0.5	0.32	2.9	< 0.5	209	< 1	15	11.6	27	< 5	2.8
303986	< 5	0.51	22	2.36	815	1.42	0.024	< 15	0.6	20.7	< 3	83	< 0.5	0.35	1.9	< 0.5	263	< 1	13	7.3	22	5	2.1
303987	< 5	0.21	9	1.17	8790	0.01	0.053	< 15	0.2	2.0	< 3	43	< 0.5	0.10	1.3	< 0.5	74	< 1	9	7.7	20	< 5	1.4
303988	< 5	0.86	3	0.43	2930	0.62	0.126	< 15	0.2	3.7	< 3	93	< 0.5	0.19	16.6	5.6	52	< 1	13	22.5	46	16	3.0
303989	< 5	0.68	25	0.89	198	0.04	0.106	< 15	14.3	4.4	16	9	< 0.5	0.14	2.4	2.7	133	< 1	4	12.8	26	< 5	1.8
303990	< 5	1.66	19	0.86	495	1.23	0.035	81	0.3	6.7	< 3	165	< 0.5	0.33	5.2	2.4	86	< 1	9	18.2	44	12	2.5
303991	< 5	0.03	1	0.16	5320	0.02	0.022	< 15	0.3	0.8	< 3	9	< 0.5	0.03	0.3	< 0.5	22	< 1	6	3.8	10	< 5	0.7
303992	< 5	0.25	6	0.92	12700	0.06	0.064	< 15	0.6	2.2	< 3	65	< 0.5	0.03	0.6	< 0.5	40	< 1	20	15.1	34	11	3.1
303993	< 5	1.85	13	0.76	878	1.46	0.053	54	0.4	7.9	< 3	174	< 0.5	0.34	6.7	2.8	94	< 1	10	18.6	46	8	2.8
303994	< 5	0.76	14	0.58	5180	0.65	0.096	< 15	0.5	5.6	< 3	88	< 0.5	0.16	3.7	1.8	69	< 1	14	27.3	61	15	3.9
303995	< 5	0.11	2	1.00	11700	0.07	0.063	23	0.6	1.4	< 3	23	< 0.5	0.06	0.8	< 0.5	53	< 1	13	12.5	21	10	1.8
303996	< 5	0.11	4	1.37	6630	0.02	0.045	< 15	0.2	0.7	< 3	50	< 0.5	0.05	1.1	1.3	31	< 1	8	9.5	11	7	0.9
303997	< 5	0.05	1	0.97	7070	0.02	0.058	< 15	0.4	0.9	< 3	43	< 0.5	0.03	0.4	< 0.5	35	< 1	11	9.0	13	6	1.3
303998	< 5	0.50	10	0.56	14700	0.05	0.032	< 15	0.6	3.7	< 3	11	< 0.5	0.07	1.9	3.0	84	< 1	8	18.8	33	9	3.1
303999	< 5	0.22	11	0.60	9050	0.05	0.071	< 15	< 0.1	1.9	< 3	12	< 0.5	0.07	1.4	< 0.5	67	< 1	11	14.0	20	9	1.8

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
304000	< 5	2.31	27	1.01	588	1.88	0.024	76	< 0.1	8.5	< 3	227	< 0.5	0.31	8.1	< 0.5	79	< 1	9	25.1	37	18	3.1
303801	< 5	2.22	10	0.67	466	2.59	0.068	89	< 0.1	6.7	< 3	327	< 0.5	0.29	6.5	2.0	62	< 1	12	25.9	43	17	3.6
303802	< 5	2.39	13	0.68	428	2.49	0.067	97	< 0.1	7.3	< 3	310	< 0.5	0.27	8.1	< 0.5	53	< 1	12	28.6	46	13	4.0
303803	< 5	2.64	14	0.70	521	2.46	0.053	< 15	< 0.1	8.3	< 3	281	< 0.5	0.27	8.1	1.8	59	< 1	12	30.5	55	11	4.0
303804	< 5	0.05	5	0.39	7520	0.04	0.056	< 15	0.4	1.1	< 3	13	< 0.5	0.01	< 0.2	< 0.5	29	< 1	10	10.0	14	< 5	1.6
303805	< 5	0.01	6	0.36	9070	< 0.01	0.054	< 15	0.4	1.0	< 3	5	< 0.5	< 0.01	0.6	< 0.5	35	< 1	13	15.2	20	9	2.2
303806	< 5	3.14	17	0.39	62	0.16	0.036	148	96.4	15.9	62	21	2.9	0.30	7.1	< 0.5	261	< 1	7	38.9	87	31	6.0
303807	< 5	0.14	6	0.37	5470	0.12	0.062	< 15	0.6	1.1	< 3	18	< 0.5	0.04	1.5	2.0	47	< 1	9	10.9	26	6	2.1
303808	< 5	0.09	3	0.17	3870	0.07	0.065	< 15	0.5	0.6	< 3	11	< 0.5	0.02	1.0	< 0.5	24	< 1	4	10.4	25	< 5	1.6
303809	< 5	0.10	1	0.23	4520	0.05	0.048	< 15	< 0.1	0.9	< 3	7	< 0.5	0.02	0.5	< 0.5	36	< 1	16	11.0	3	< 5	2.2
303810	< 5	0.12	1	0.22	3740	0.05	0.057	< 15	0.3	0.9	< 3	9	< 0.5	0.03	1.0	< 0.5	34	< 1	6	8.7	16	6	1.6
303811	< 5	0.21	5	0.46	7510	0.12	0.083	< 15	0.1	2.1	< 3	16	< 0.5	0.05	3.3	< 0.5	79	< 1	13	30.9	64	17	4.7
303812	< 5	0.19	3	0.36	12700	0.10	0.060	< 15	0.2	1.4	< 3	43	< 0.5	0.04	1.3	1.6	47	< 1	10	9.7	22	7	1.6
303813	< 5	0.16	4	0.24	4760	0.08	0.056	< 15	< 0.1	0.9	< 3	15	< 0.5	0.04	1.3	< 0.5	38	< 1	6	8.4	19	6	1.5
303814	< 5	0.16	1	0.29	6860	0.13	0.061	< 15	0.2	1.3	< 3	16	< 0.5	0.06	1.6	< 0.5	46	< 1	3	8.6	21	< 5	1.3
303815	< 5	0.37	2	0.15	1280	0.34	0.061	< 15	1.1	2.1	< 3	34	< 0.5	0.08	2.8	1.1	46	< 1	3	10.2	20	< 5	1.4
303816	< 5	0.74	6	0.30	979	0.15	0.056	< 15	3.9	3.7	< 3	20	< 0.5	0.09	3.3	1.5	79	< 1	4	14.7	20	9	2.0
303817	< 5	0.64	11	0.30	378	0.19	0.124	54	7.1	5.5	< 3	21	< 0.5	0.15	3.7	< 0.5	121	< 1	6	18.6	39	< 5	2.7
303818	< 5	0.70	11	0.30	852	0.13	0.083	< 15	15.3	5.8	< 3	15	< 0.5	0.26	4.7	5.9	134	< 1	8	21.1	48	< 5	2.6
303819	< 5	1.13	6	0.15	363	0.13	0.056	< 15	13.4	6.4	< 3	16	< 0.5	0.22	6.3	3.9	104	< 1	4	20.6	44	< 5	2.4
303820	< 5	0.06	3	0.18	3440	0.04	0.051	< 15	0.3	1.8	< 3	6	< 0.5	0.04	0.9	2.0	58	< 1	3	7.9	18	< 5	1.1
303821	< 5	0.29	5	0.43	8050	0.09	0.058	< 15	0.7	2.7	< 3	17	< 0.5	0.04	< 0.2	2.6	61	< 1	21	19.0	47	< 5	3.0
303822	< 5	0.41	6	0.43	7810	0.10	0.074	< 15	0.6	1.8	< 3	15	< 0.5	0.03	< 0.2	< 0.5	70	< 1	11	15.5	35	< 5	2.5
303823	< 5	0.19	5	0.24	4030	0.08	0.047	< 15	0.2	0.9	< 3	10	< 0.5	0.02	< 0.2	< 0.5	39	< 1	6	5.8	11	< 5	0.9
303824	< 5	0.25	7	0.37	8680	0.03	0.040	< 15	< 0.1	1.3	< 3	6	< 0.5	0.04	2.6	< 0.5	65	< 1	13	12.8	28	< 5	2.0
303825	< 5	0.17	3	0.19	3130	0.14	0.055	< 15	0.3	1.4	< 3	17	< 0.5	0.03	1.0	< 0.5	34	< 1	6	9.3	18	< 5	1.4
303526	< 5	1.79	19	0.63	618	1.40	0.061	< 15	0.9	8.4	< 3	176	< 0.5	0.32	14.4	8.8	128	< 1	11	24.1	63	31	4.0
303527	< 5	3.05	28	1.09	305	1.71	0.083	208	< 0.1	11.9	< 3	206	< 0.5	0.31	12.2	5.4	82	< 1	19	55.5	122	56	7.7
303528	< 5	0.03	< 1	0.03	41	0.06	0.026	< 15	< 0.1	8.1	< 3	5	< 0.5	0.01	3.0	4.9	18	< 1	2	5.4	< 3	17	1.6
303529	< 5	< 0.01	< 1	0.05	1730	0.02	0.037	< 15	< 0.1	0.2	< 3	< 1	< 0.5	< 0.01	< 0.2	1.1	7	< 1	5	5.0	7	< 5	0.6
303530	< 5	1.06	4	0.19	223	0.97	0.064	< 15	0.8	4.1	< 3	98	< 0.5	0.16	4.8	< 0.5	55	< 1	4	8.8	19	< 5	1.4
303531	< 5	0.06	2	0.90	5390	0.07	0.048	< 15	< 0.1	0.8	< 3	28	< 0.5	0.01	1.5	< 0.5	15	< 1	10	6.7	12	< 5	0.9
303532	< 5	2.30	15	0.70	2250	1.41	0.044	48	0.4	6.4	< 3	185	< 0.5	0.22	7.3	2.1	68	< 1	14	21.3	4	< 5	3.3
303533	< 5	2.08	13	0.72	1740	1.60	0.067	< 15	0.9	6.5	< 3	207	< 0.5	0.21	6.0	2.1	82	< 1	13	23.9	50	10	3.6
303534	< 5	0.02	< 1	0.16	1220	0.02	0.021	< 15	0.2	0.3	< 3	3	< 0.5	< 0.01	< 0.2	< 0.5	5	< 1	4	2.3	< 3	< 5	0.3
303535	< 5	1.81	12	0.52	1180	1.17	0.066	< 15	1.9	6.0	< 3	141	< 0.5	0.16	7.7	4.8	127	< 1	14	30.3	66	< 5	4.3
303536	< 5	2.23	13	0.77	655	1.95	0.075	77	0.6	6.9	< 3	262	< 0.5	0.26	5.9	2.8	71	< 1	11	19.3	48	9	3.1
303537	< 5	2.31	15	0.99	803	1.72	0.082	< 15	< 0.1	7.7	< 3	218	< 0.5	0.27	6.9	2.5	80	< 1	12	30.0	63	24	4.6
303538	< 5	0.09	2	0.72	7870	0.03	0.012	< 15	0.2	1.5	< 3	12	< 0.5	0.04	1.8	< 0.5	61	< 1	9	10.6	21	< 5	1.7
303539	< 5	1.40	18	0.50	2050	0.91	0.043	< 15	0.4	5.9	< 3	98	< 0.5	0.26	5.6	1.4	76	< 1	8	15.6	39	< 5	2.4
303540	< 5	2.00	20	0.99	873	1.78	0.071	< 15	< 0.1	8.4	< 3	246	< 0.5	0.28	9.5	4.1	70	< 1	14	31.4	77	33	4.6
303541	< 5	0.32	5	0.76	11700	0.23	0.046	< 15	0.1	2.3	< 3	48	< 0.5	0.06	3.3	1.5	51	< 1	19	15.2	44	< 5	2.5
303542	< 5	0.20	4	0.57	14300	0.04	0.036	< 15	0.4	1.4	< 3	32	< 0.5	0.06	1.5	2.9	47	< 1	11	14.9	35	< 5	2.5
303543	< 5	0.52	8	0.40	9150	0.29	0.069	< 15	1.4	2.8	< 3	56	< 0.5	0.07	2.6	2.6	52	< 1	23	16.5	36	< 5	2.8
303544	< 5	0.10	7	0.86	13900	0.04	0.028	< 15	< 0.1	1.6	< 3	23	< 0.5	0.04	< 0.2	< 0.5	52	< 1	18	10.0	24	< 5	2.2
303545	< 5	0.14	3	0.46	10600	0.04	0.013	< 15	< 0.1	1.2	< 3	64	< 0.5	< 0.01	0.8	< 0.5	24	< 1	12	12.8	31	< 5	1.9
303546	< 5	1.69	23	0.85	1560	1.02	0.079	< 15	1.7	7.2	< 3	149	< 0.5	0.25	6.8	3.7	84	< 1	16	27.9	69	40	4.0
303547	< 5	1.36	13	0.66	1200	0.56	0.101	69	1.7	11.6	< 3	75	< 0.5	0.30	4.5	3.3	139	< 1	5	10.8	24	< 5	2.0
303548	< 5	0.20	3	0.54	8090	0.10	0.030	29	0.2	1.3	< 3	27	< 0.5	0.03	1.3	< 0.5	44	< 1	10	11.0	22	13	1.6
303549	< 5	0.03	2	0.77	5530	0.04	0.076	< 15	0.3	3.7	< 3	32	< 0.5	< 0.01	< 0.2	< 0.5	24	< 1	10	8.4	26	< 5	1.6

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
303550	< 5	0.38	5	0.58	9310	0.26	0.069	< 15	< 0.1	2.2	< 3	36	< 0.5	0.06	< 0.2	< 0.5	66	< 1	30	16.4	28	22	3.6
304251	< 5	2.19	13	0.64	789	1.91	0.067	96	< 0.1	5.8	< 3	256	< 0.5	0.23	5.8	1.5	47	< 1	10	22.1	43	< 5	3.1
304252	< 5	2.38	13	0.65	494	2.05	0.054	< 15	< 0.1	6.9	< 3	284	< 0.5	0.21	7.4	< 0.5	49	< 1	11	23.8	59	20	3.6
304253	< 5	2.26	10	0.52	327	1.88	0.013	< 15	< 0.1	6.0	< 3	266	< 0.5	0.27	6.0	< 0.5	59	< 1	8	17.8	46	< 5	2.4
304254	< 5	2.56	14	0.66	797	2.16	0.066	58	< 0.1	7.0	< 3	298	< 0.5	0.29	7.4	< 0.5	58	< 1	10	27.5	61	32	3.9
304255	< 5	0.54	4	0.47	7290	0.49	0.024	< 15	< 0.1	2.2	< 3	58	< 0.5	0.07	2.4	< 0.5	38	< 1	7	13.6	28	9	2.0
304256	< 5	2.42	10	0.59	383	2.09	0.064	44	< 0.1	5.9	< 3	314	< 0.5	0.28	6.0	< 0.5	52	< 1	11	23.0	73	15	3.6
304257	< 5	2.65	26	0.68	1420	1.59	0.042	128	< 0.1	6.7	< 3	216	< 0.5	0.29	8.5	4.0	68	< 1	10	25.5	86	9	3.8
304258	< 5	0.03	2	1.78	5220	0.07	0.024	< 15	< 0.1	0.9	< 3	33	< 0.5	< 0.01	< 0.2	< 0.5	31	< 1	8	8.2	13	< 5	1.2
304259	< 5	2.39	17	0.79	569	2.04	0.083	79	0.4	6.9	< 3	271	< 0.5	0.27	8.6	4.3	61	< 1	12	27.0	63	27	3.9
304260	< 5	2.47	17	0.63	582	1.84	0.049	159	< 0.1	6.7	< 3	235	< 0.5	0.27	8.0	< 0.5	62	< 1	8	23.1	55	18	3.2
304261	< 5	2.46	11	0.60	385	2.38	0.045	< 15	< 0.1	7.2	< 3	307	< 0.5	0.27	8.1	2.3	52	< 1	11	29.9	69	13	4.1
304262	< 5	2.46	12	0.65	468	2.49	0.068	57	< 0.1	7.8	< 3	312	< 0.5	0.26	9.0	< 0.5	54	< 1	13	34.0	76	34	5.2
304263	< 5	2.50	12	0.66	521	2.38	0.065	174	0.1	7.7	< 3	317	< 0.5	0.30	8.4	< 0.5	58	< 1	12	30.8	72	23	4.4
304264	< 5	2.52	10	0.56	304	2.25	0.044	133	< 0.1	6.4	< 3	298	< 0.5	0.24	6.8	< 0.5	44	< 1	9	25.9	64	20	3.3
304265	< 5	2.35	15	0.58	418	2.19	0.020	97	< 0.1	6.7	< 3	284	< 0.5	0.23	7.0	< 0.5	50	< 1	9	24.1	64	12	3.5
304266	< 5	0.57	6	0.55	6640	0.53	0.037	< 15	0.1	3.1	< 3	60	< 0.5	0.09	2.4	< 0.5	46	< 1	12	16.9	32	15	2.4
304267	< 5	2.10	17	0.61	387	1.90	0.030	53	< 0.1	6.7	< 3	248	< 0.5	0.28	5.8	1.4	69	< 1	10	22.7	52	< 5	3.1
304268	< 5	2.45	14	0.77	463	2.18	0.069	117	< 0.1	8.0	< 3	291	< 0.5	0.25	5.8	2.2	61	< 1	13	26.7	63	15	4.0
304269	< 5	2.46	12	0.70	437	2.49	0.085	86	0.4	7.4	8	318	< 0.5	0.29	7.6	< 0.5	59	< 1	13	32.2	79	23	4.8
304270	< 5	2.52	12	0.67	549	2.39	0.083	< 15	< 0.1	7.3	< 3	311	< 0.5	0.28	7.4	< 0.5	57	< 1	13	29.8	67	19	4.4
304271	< 5	2.92	16	0.63	262	2.05	0.023	68	0.1	8.5	< 3	265	< 0.5	0.22	6.2	2.8	61	< 1	8	18.3	44	13	2.6
304272	< 5	2.72	15	0.71	1010	2.35	0.077	78	< 0.1	7.6	< 3	309	< 0.5	0.30	6.8	< 0.5	64	< 1	13	34.4	74	41	4.7
304273	< 5	2.83	13	0.71	443	2.38	0.080	< 15	< 0.1	7.3	< 3	315	< 0.5	0.26	7.7	< 0.5	54	< 1	14	33.5	76	21	4.6
304274	< 5	2.51	12	0.69	467	2.31	0.074	< 15	0.1	7.0	< 3	316	< 0.5	0.26	7.1	< 0.5	54	< 1	13	23.7	66	28	4.5
304275	< 5	2.49	17	0.76	524	2.31	0.070	87	< 0.1	7.5	< 3	309	< 0.5	0.26	7.9	< 0.5	56	< 1	13	33.5	71	28	4.5
303501	< 5	1.69	17	0.77	330	1.31	0.026	88	< 0.1	8.4	< 3	140	< 0.5	0.40	6.2	< 0.5	131	< 1	7	48.6	36	19	6.9
303502	< 5	2.20	31	0.84	453	1.63	0.052	210	0.9	8.6	< 3	184	< 0.5	0.36	12.1	3.0	84	< 1	10	33.2	81	29	4.3
303503	< 5	2.41	26	0.71	269	1.83	0.034	< 15	0.6	8.0	< 3	243	< 0.5	0.31	10.1	3.7	73	< 1	12	38.8	109	25	4.3
303504	< 5	1.55	25	1.45	475	1.67	0.016	85	0.9	12.0	< 3	169	< 0.5	0.23	6.0	< 0.5	185	< 1	9	15.8	31	20	2.3
303505	< 5	2.72	32	1.38	903	1.73	0.080	102	0.7	10.3	< 3	219	< 0.5	0.35	10.8	< 0.5	97	< 1	17	43.8	82	41	5.6
303506	< 5	0.02	3	0.69	8070	0.04	0.046	< 15	0.5	1.8	< 3	17	< 0.5	0.03	1.8	< 0.5	80	< 1	18	15.3	30	< 5	2.5
303507	< 5	2.72	30	1.28	840	1.69	0.102	71	< 0.1	10.6	< 3	218	< 0.5	0.36	14.8	< 0.5	99	< 1	20	57.5	121	36	7.6
303508	< 5	2.61	13	1.28	595	2.22	0.081	< 15	0.6	7.1	< 3	292	< 0.5	0.26	9.9	< 0.5	70	< 1	13	27.4	51	26	6.2
303509	< 5	0.17	3	0.59	8270	0.13	0.069	< 15	< 0.1	1.5	< 3	32	< 0.5	0.04	1.6	< 0.5	26	< 1	14	10.8	20	< 5	2.5
303510	< 5	2.38	20	0.97	2080	1.81	0.085	< 15	< 0.1	9.1	< 3	243	< 0.5	0.31	9.8	10.3	72	< 1	17	31.0	42	24	6.2
303511	< 5	1.67	28	0.84	2210	1.63	0.040	< 15	< 0.1	7.3	< 3	215	< 0.5	0.31	8.2	3.6	80	< 1	9	20.3	36	24	3.8
303512	< 5	1.97	18	1.00	2340	1.75	0.049	127	1.3	8.8	< 3	218	< 0.5	0.31	8.4	4.5	76	< 1	15	28.5	50	41	6.0
303513	< 5	1.47	16	0.83	2030	1.37	0.053	< 15	< 0.1	6.7	< 3	171	< 0.5	0.23	7.7	4.4	59	< 1	11	18.5	31	8	3.8
303514	< 5	1.81	7	0.32	186	0.80	0.078	< 15	1.4	5.2	< 3	109	< 0.5	0.27	3.6	4.9	97	< 1	4	11.1	14	< 5	1.8
303515	< 5	2.44	16	3.33	630	1.02	0.074	72	0.7	5.6	< 3	154	< 0.5	0.20	6.7	4.0	43	< 1	10	19.8	40	17	4.0
303516	< 5	2.71	13	0.71	526	2.01	0.072	< 15	< 0.1	7.3	< 3	272	< 0.5	0.26	8.1	< 0.5	61	< 1	15	33.3	52	40	7.2
303517	< 5	2.72	15	0.58	316	2.07	0.024	49	0.5	6.2	< 3	283	< 0.5	0.25	6.4	< 0.5	54	< 1	10	21.5	44	29	4.8
303518	< 5	3.04	17	0.79	569	2.09	0.063	122	< 0.1	8.0	< 3	281	< 0.5	0.28	10.1	< 0.5	67	< 1	16	43.7	76	42	8.8
303519	< 5	5.25	31	1.10	559	1.40	0.073	143	0.3	10.1	< 3	192	< 0.5	0.34	12.2	4.3	68	< 1	17	34.3	55	22	5.3
303520	< 5	3.09	25	1.42	703	1.58	0.047	157	1.2	7.7	< 3	206	< 0.5	0.26	9.0	3.4	66	< 1	14	28.1	47	22	4.7
303521	< 5	2.86	15	0.86	574	2.00	0.084	59	0.4	6.5	< 3	276	< 0.5	0.28	8.2	< 0.5	65	< 1	13	25.3	47	21	5.0
303522	< 5	2.11	17	0.57	976	1.43	0.103	74	1.7	6.0	< 3	170	< 0.5	0.23	7.0	8.4	161	< 1	11	18.8	32	20	3.5
303523	< 5	0.43	1	0.63	10500	0.24	0.078	< 15	1.4	4.9	< 3	37	< 0.5	0.19	2.4	< 0.5	120	< 1	14	16.5	26	14	2.5
303524	< 5	2.08	18	0.56	183	0.26	0.109	< 15	2.1	8.4	< 3	40	< 0.5	0.17	5.9	5.6	226	< 1	9	25.4	46	21	3.4

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
303525	< 5	1.93	17	0.45	347	2.15	0.052	169	0.4	13.7	< 3	78	< 0.5	0.29	9.3	5.1	175	< 1	14	32.6	4	28	6.6
304276	< 5	2.57	16	0.80	565	2.34	0.083	< 15	< 0.1	7.6	< 3	318	< 0.5	0.28	9.4	2.2	62	< 1	14	31.5	54	26	5.9
304277	< 5	2.47	11	0.65	451	2.52	0.075	< 15	< 0.1	7.3	< 3	316	< 0.5	0.28	8.1	< 0.5	57	< 1	12	29.6	56	20	5.9
304278	< 5	2.54	10	0.62	327	2.41	0.041	< 15	< 0.1	7.2	< 3	307	< 0.5	0.19	6.8	< 0.5	39	< 1	9	24.8	48	27	4.7
304279	< 5	2.60	12	0.69	473	2.39	0.079	< 15	0.2	7.1	< 3	325	< 0.5	0.27	8.6	< 0.5	55	< 1	13	29.6	48	32	5.7
304280	< 5	2.56	11	0.64	490	2.48	0.062	< 15	0.5	7.3	< 3	309	< 0.5	0.25	7.6	2.8	54	< 1	12	28.3	53	34	3.3
304281	< 5	2.92	24	0.79	1280	1.67	0.071	91	< 0.1	9.4	< 3	213	< 0.5	0.33	11.3	7.8	92	< 1	14	35.9	63	33	3.9
304282	< 5	2.60	14	0.75	572	2.32	0.079	170	< 0.1	7.8	< 3	291	< 0.5	0.27	8.7	4.2	56	< 1	13	31.4	59	25	3.7
304283	< 5	1.85	31	0.98	768	1.94	0.026	< 15	< 0.1	7.3	< 3	221	< 0.5	0.30	7.6	< 0.5	70	< 1	8	20.1	38	24	2.4
304284	5	1.22	5	0.37	859	0.95	0.056	54	0.4	3.7	< 3	115	< 0.5	0.23	12.2	6.6	100	< 1	7	15.9	30	13	1.6
304285	< 5	0.66	37	1.59	2570	0.01	0.072	125	0.5	4.4	< 3	19	< 0.5	0.17	6.6	2.1	58	< 1	11	25.8	32	30	3.3
304286	< 5	1.40	29	1.46	1750	0.02	0.057	233	1.9	4.4	< 3	18	< 0.5	0.15	8.6	3.3	44	< 1	16	29.5	21	47	3.6
304287	< 5	2.61	12	0.65	397	2.42	0.069	79	0.4	6.7	< 3	319	< 0.5	0.29	7.2	< 0.5	63	< 1	12	23.4	< 3	22	3.2
304288	< 5	2.80	20	0.81	888	2.27	0.091	129	0.5	8.7	< 3	278	< 0.5	0.32	9.7	7.2	72	< 1	15	35.3	69	34	4.0
304289	< 5	3.71	25	0.75	532	1.87	0.060	118	< 0.1	6.7	< 3	216	< 0.5	0.28	7.5	< 0.5	67	< 1	8	26.5	54	19	2.9
304290	< 5	2.59	14	0.69	396	2.48	0.068	151	< 0.1	6.8	< 3	321	< 0.5	0.27	6.7	2.9	59	< 1	12	24.4	47	25	3.1
304291	< 5	2.50	13	0.74	418	2.55	0.071	86	0.8	8.0	< 3	306	< 0.5	0.26	8.6	1.7	66	< 1	13	29.6	57	31	3.6
304292	< 5	2.17	10	0.47	273	2.56	0.058	121	< 0.1	5.6	< 3	284	< 0.5	0.21	5.4	< 0.5	48	< 1	8	15.1	31	15	2.3
304293	< 5	2.34	16	0.56	405	2.34	0.025	66	< 0.1	5.9	< 3	282	< 0.5	0.23	4.5	2.1	53	< 1	7	12.9	25	14	1.6
304294	< 5	1.99	17	0.85	336	2.02	0.042	< 15	< 0.1	7.8	< 3	238	< 0.5	0.26	6.8	1.1	64	< 1	10	18.8	37	17	2.6
304295	< 5	1.03	37	0.61	1630	0.96	0.129	< 15	< 0.1	13.8	< 3	99	< 0.5	0.26	21.0	14.5	87	< 1	39	366	651	400	37.6
304296	< 5	2.98	38	0.77	351	0.63	0.023	189	1.0	12.1	< 3	66	< 0.5	0.20	12.9	2.8	61	< 1	12	54.7	81	33	4.7
304297	< 5	1.33	27	0.76	1860	0.63	0.065	< 15	1.2	9.7	< 3	79	< 0.5	0.37	9.0	3.5	164	< 1	8	31.2	54	33	2.9
304298	< 5	2.34	29	0.86	323	2.11	0.024	123	< 0.1	8.1	< 3	279	< 0.5	0.28	9.5	1.6	74	< 1	10	24.1	45	41	2.8
304299	< 5	2.72	21	0.91	541	2.27	0.068	57	< 0.1	8.3	< 3	269	< 0.5	0.31	9.7	3.8	74	< 1	15	37.0	67	32	4.0
304300	< 5	0.25	28	3.30	876	2.71	0.018	< 15	0.9	40.8	< 3	74	< 0.5	0.50	< 0.2	< 0.5	325	< 1	20	4.9	22	14	2.1
303651	< 5	2.97	25	0.86	503	1.04	0.056	107	1.4	9.7	< 3	132	< 0.5	0.35	14.3	3.7	103	< 1	10	31.0	58	30	3.2
303653	< 5	0.19	2	0.46	7580	0.14	0.091	< 15	0.3	1.9	< 3	31	< 0.5	0.07	1.9	< 0.5	45	< 1	11	10.6	21	12	1.4
303654	< 5	1.88	19	0.97	910	1.67	0.032	152	0.7	8.6	< 3	244	< 0.5	0.37	8.4	1.7	89	< 1	10	20.2	36	25	2.5
303655	< 5	0.83	9	0.54	2550	0.46	0.166	32	1.0	5.4	< 3	80	< 0.5	0.14	4.6	3.1	62	< 1	7	14.5	25	8	1.8
303656	< 5	0.75	11	0.78	5800	0.05	0.063	< 15	17.8	3.8	< 3	45	< 0.5	0.13	2.8	3.2	100	< 1	13	18.0	31	19	2.2
303657	< 5	0.48	8	0.49	6990	0.36	0.108	< 15	0.8	4.0	< 3	61	< 0.5	0.08	4.0	1.5	53	< 1	8	11.6	< 3	13	1.4
303658	< 5	0.18	4	0.54	8730	0.11	0.079	< 15	0.3	1.6	< 3	51	< 0.5	0.03	2.3	< 0.5	36	< 1	15	13.3	25	13	2.1
303659	< 5	3.19	22	0.57	2110	0.55	0.074	130	1.3	45.6	< 3	49	< 0.5	0.32	1.2	< 0.5	432	< 1	7	5.6	19	< 5	2.6
303660	< 5	0.44	12	1.11	387	1.71	0.037	< 15	< 0.1	9.7	< 3	134	< 0.5	0.17	2.8	1.7	47	< 1	5	6.2	33	18	0.7
303661	< 5	2.29	5	0.30	197	1.56	0.029	< 15	< 0.1	6.1	< 3	211	< 0.5	0.22	7.3	3.1	47	< 1	8	22.0	39	13	2.0
303662	< 5	2.18	25	0.93	747	1.61	0.045	46	0.6	9.2	< 3	209	< 0.5	0.31	9.1	2.2	79	< 1	10	21.0	< 3	20	2.4
303663	< 5	2.19	27	1.05	1690	0.56	0.097	105	2.4	9.8	< 3	93	< 0.5	0.25	11.7	2.9	110	< 1	10	25.0	47	33	2.8
303664	< 5	0.10	1	0.43	4620	0.08	0.064	< 15	< 0.1	1.3	< 3	35	< 0.5	0.07	2.3	2.8	39	< 1	8	9.0	17	11	1.3
303665	< 5	1.79	44	1.04	1730	0.44	0.118	102	3.0	15.7	< 3	94	< 0.5	0.28	9.2	9.2	187	< 1	10	16.2	41	< 5	2.6
303666	< 5	2.34	16	0.66	969	1.08	0.105	152	1.3	7.8	< 3	135	< 0.5	0.28	13.3	3.5	93	< 1	9	26.7	< 3	24	2.9
303667	< 5	2.39	15	0.69	533	0.81	0.057	201	0.8	8.2	< 3	110	< 0.5	0.27	12.4	3.6	65	< 1	8	34.6	52	25	3.3
303668	< 5	3.64	20	0.54	121	0.78	0.042	185	0.8	9.2	< 3	109	< 0.5	0.15	13.8	1.8	53	< 1	8	45.0	68	32	4.3
303669	< 5	2.45	30	0.77	912	1.13	0.042	152	1.3	9.9	< 3	143	< 0.5	0.34	12.2	2.6	129	< 1	10	23.9	50	19	3.4
303670	< 5	1.53	24	1.24	3870	1.12	0.081	< 15	2.3	16.6	< 3	125	< 0.5	0.31	7.6	4.2	143	< 1	15	17.2	32	18	3.8
303671	< 5	0.21	3	0.92	11100	0.06	0.072	< 15	0.7	2.0	< 3	44	< 0.5	0.15	1.7	< 0.5	63	< 1	12	11.5	20	16	2.0
303672	< 5	1.92	14	0.53	1150	0.92	0.057	120	0.7	8.4	< 3	113	< 0.5	0.30	8.5	3.5	120	< 1	5	19.4	35	18	2.6
303673	< 5	0.29	5	0.34	4090	0.10	0.081	< 15	9.1	2.2	< 3	16	< 0.5	0.08	1.7	3.0	61	< 1	7	10.7	20	20	1.6
303674	< 5	< 0.01	12	0.59	9790	0.01	0.035	< 15	0.7	1.6	< 3	6	< 0.5	0.01	1.1	< 0.5	54	< 1	13	9.1	22	11	1.9
303675	< 5	0.18	1	0.11	1190	0.05	0.048	32	3.2	1.2	< 3	9	< 0.5	0.07	1.7	1.4	53	< 1	4	8.2	12	< 5	1.0

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
304551	< 5	1.23	50	1.63	2370	0.24	0.095	199	< 0.1	6.7	< 3	42	< 0.5	0.21	10.1	3.1	111	< 1	13	38.6	54	29	4.9
304552	< 5	2.85	41	1.18	2200	0.26	0.050	227	0.3	7.7	< 3	27	< 0.5	0.27	12.1	3.3	91	< 1	8	22.8	< 3	26	3.5
304553	< 5	0.77	28	1.32	1550	0.26	0.106	89	0.3	4.9	< 3	34	< 0.5	0.21	8.0	2.6	113	< 1	10	15.6	25	14	2.2
304554	< 5	0.39	6	0.42	2060	0.84	0.038	102	< 0.1	2.7	< 3	69	< 0.5	0.11	4.5	< 0.5	49	< 1	6	11.9	15	21	1.4
304555	< 5	1.16	10	0.75	5100	1.07	0.092	< 15	0.5	5.6	< 3	143	< 0.5	0.17	6.1	< 0.5	58	< 1	16	23.5	45	31	3.1
304556	< 5	0.05	< 1	0.27	4130	0.04	0.089	< 15	0.3	0.6	< 3	9	< 0.5	0.02	< 0.2	< 0.5	26	< 1	6	9.5	13	8	1.1
304557	< 5	0.20	1	0.59	7450	0.14	0.115	< 15	< 0.1	1.8	< 3	36	< 0.5	0.05	2.2	< 0.5	30	< 1	14	10.3	22	< 5	1.5
304558	< 5	0.10	2	0.22	4180	0.07	0.067	< 15	< 0.1	1.3	< 3	13	< 0.5	0.03	0.9	< 0.5	50	< 1	9	12.0	< 3	13	1.6
304559	< 5	0.04	< 1	0.09	2300	0.02	0.019	< 15	0.4	0.4	< 3	2	< 0.5	< 0.01	< 0.2	< 0.5	15	< 1	4	3.2	4	< 5	0.4
304560	< 5	0.23	2	0.18	2120	0.22	0.039	< 15	1.1	1.1	< 3	18	1.5	0.06	1.4	< 0.5	63	< 1	4	9.8	12	7	1.2
304561	< 5	0.11	1	0.36	4790	0.10	0.071	< 15	0.4	1.1	< 3	20	< 0.5	0.02	1.4	< 0.5	35	< 1	17	15.4	19	8	1.9
304562	< 5	0.05	< 1	0.54	4960	0.04	0.070	< 15	0.2	0.7	< 3	10	< 0.5	0.01	< 0.2	< 0.5	30	< 1	10	10.2	16	10	1.3
304563	< 5	0.10	4	0.60	11000	0.05	0.076	< 15	0.7	0.9	< 3	46	< 0.5	0.01	0.8	< 0.5	31	< 1	19	16.8	26	9	2.3
304564	< 5	2.90	17	0.31	546	0.12	0.038	67	28.6	7.6	< 3	17	3.8	0.33	9.5	9.0	195	< 1	20	52.4	83	61	5.4
304565	< 5	1.17	10	0.34	3620	0.09	0.094	< 15	22.9	5.2	8	20	0.7	0.14	3.6	6.1	124	< 1	10	20.6	33	19	2.1
304566	< 5	0.14	5	0.69	8070	0.01	0.033	< 15	0.2	0.9	< 3	13	< 0.5	0.03	0.9	< 0.5	48	< 1	9	7.8	11	< 5	1.2
304567	< 5	0.07	3	0.72	6750	0.04	0.089	< 15	0.4	1.0	< 3	30	< 0.5	0.03	1.4	< 0.5	34	< 1	19	21.7	25	19	2.2
304568	< 5	0.61	10	0.69	5710	0.41	0.087	< 15	0.3	3.0	< 3	76	< 0.5	0.12	2.3	< 0.5	64	< 1	16	17.5	29	12	2.3
304569	< 5	0.02	2	0.47	3170	0.12	0.055	< 15	0.6	1.1	< 3	2	< 0.5	0.07	0.7	0.8	63	< 1	8	12.9	17	8	1.5
304570	< 5	0.27	2	0.10	845	0.07	0.053	< 15	3.2	1.4	6	9	< 0.5	0.06	0.9	< 0.5	53	< 1	4	10.8	14	< 5	1.0
304571	< 5	0.08	1	0.38	6910	0.07	0.077	< 15	0.4	1.1	< 3	18	< 0.5	0.03	0.7	< 0.5	38	< 1	19	12.6	20	< 5	1.7
304572	< 5	0.29	1	0.54	6650	0.23	0.075	< 15	0.6	2.0	< 3	36	< 0.5	0.06	1.3	< 0.5	45	< 1	15	13.6	25	9	2.0
304573	< 5	0.09	1	0.19	3180	0.06	0.037	< 15	0.2	1.3	< 3	12	< 0.5	0.03	0.6	1.0	47	< 1	10	7.9	13	5	1.5
304574	< 5	3.35	37	0.59	189	0.07	0.063	124	8.5	11.2	< 3	9	< 0.5	0.47	4.3	4.3	169	< 1	7	36.4	53	29	4.2
304575	< 5	0.25	1	0.31	5010	0.18	0.072	34	0.4	1.4	< 3	28	< 0.5	0.07	1.7	< 0.5	51	< 1	6	9.0	17	< 5	1.2
303951	< 5	2.69	18	1.00	1260	1.78	0.123	117	0.3	7.6	< 3	250	< 0.5	0.32	9.2	2.4	88	< 1	13	25.1	50	18	3.6
303952	< 5	2.73	12	0.59	344	2.41	0.016	147	< 0.1	5.5	< 3	333	< 0.5	0.24	5.4	1.6	59	< 1	9	15.3	3	20	2.1
303953	< 5	3.08	15	0.90	665	2.18	0.084	77	0.4	7.6	< 3	304	< 0.5	0.30	7.0	< 0.5	69	< 1	16	28.5	50	24	4.0
303954	< 5	2.77	10	0.63	415	2.43	0.071	69	0.4	6.3	< 3	332	< 0.5	0.27	6.5	< 0.5	64	< 1	12	23.6	38	26	3.5
303955	< 5	2.35	14	0.79	536	2.64	0.082	216	< 0.1	7.6	< 3	303	< 0.5	0.29	8.1	2.0	70	< 1	12	28.2	48	17	3.7
303956	< 5	2.49	15	1.30	510	2.36	0.076	98	0.2	7.3	< 3	291	< 0.5	0.28	7.8	1.7	62	< 1	13	25.8	45	21	3.5
303957	< 5	2.64	10	0.65	724	2.59	0.060	122	< 0.1	6.0	< 3	331	< 0.5	0.22	5.9	1.5	58	< 1	12	23.3	40	26	3.3
303958	< 5	2.64	22	1.16	731	2.04	0.101	66	< 0.1	9.1	< 3	282	< 0.5	0.23	6.8	1.3	52	< 1	18	29.3	58	36	5.1
303959	< 5	2.72	16	0.71	657	2.34	0.063	< 15	0.1	7.3	< 3	300	< 0.5	0.27	8.1	3.0	66	< 1	14	31.9	53	26	4.0
303960	< 5	2.48	11	0.59	325	2.16	0.052	86	< 0.1	5.8	< 3	295	< 0.5	0.19	6.0	< 0.5	47	< 1	9	16.6	30	25	2.5
303961	< 5	2.89	15	0.65	629	2.04	0.055	104	0.4	6.3	< 3	280	< 0.5	0.27	5.9	3.1	66	< 1	10	19.8	33	19	2.5
303962	< 5	4.86	29	0.94	1350	0.70	0.127	118	1.4	6.4	< 3	114	< 0.5	0.26	9.6	3.3	75	< 1	12	33.5	69	30	3.4
303963	< 5	2.46	15	0.36	471	0.77	0.086	118	7.6	7.6	< 3	93	< 0.5	0.27	5.1	8.1	269	< 1	14	24.0	41	24	2.9
303964	< 5	2.67	20	0.36	256	0.59	0.114	134	4.0	9.1	< 3	77	< 0.5	0.30	10.5	5.9	147	< 1	13	26.6	49	24	3.6
303965	< 5	2.42	22	0.27	307	0.25	0.070	108	6.4	8.5	5	35	1.8	0.27	4.9	10.1	198	< 1	11	26.9	45	23	3.0
303966	< 5	2.62	22	0.40	338	0.31	0.087	164	3.9	14.9	< 3	47	< 0.5	0.43	6.1	10.2	158	< 1	11	47.5	63	56	5.2
303967	< 5	0.04	< 1	< 0.01	47	0.03	0.036	< 15	< 0.1	0.6	< 3	3	< 0.5	< 0.01	0.6	1.5	14	< 1	< 1	0.9	5	< 5	0.1
303968	< 5	2.38	20	0.67	2750	1.61	0.047	66	0.4	6.5	< 3	225	< 0.5	0.29	7.1	2.0	82	< 1	13	25.5	46	25	3.4
303969	< 5	3.51	13	0.71	503	2.58	0.082	204	0.2	7.1	< 3	318	< 0.5	0.27	7.1	1.1	61	< 1	12	22.9	44	24	3.5
303970	< 5	2.82	17	0.87	771	2.32	0.096	107	< 0.1	8.8	< 3	282	< 0.5	0.31	7.7	2.5	63	< 1	14	30.5	58	25	4.6
303971	< 5	2.67	14	0.60	555	2.28	0.050	138	0.1	5.9	< 3	300	< 0.5	0.25	4.9	< 0.5	59	< 1	10	17.3	32	19	2.6
303972	< 5	2.78	9	0.56	243	2.59	0.065	115	0.2	5.5	< 3	334	< 0.5	0.22	4.8	< 0.5	44	< 1	11	21.0	40	22	3.0
303973	< 5	2.46	12	0.54	443	2.45	0.044	125	0.2	5.3	< 3	316	< 0.5	0.22	4.9	< 0.5	58	< 1	9	15.8	36	14	2.4
303974	< 5	2.55	11	0.56	426	2.48	0.041	79	0.1	6.6	< 3	264	< 0.5	0.23	7.6	1.7	53	< 1	9	22.1	55	20	3.1
303975	< 5	2.49	23	1.00	353	2.00	0.035	166	0.5	9.0	< 3	250	< 0.5	0.30	12.7	2.2	79	< 1	10	21.4	40	23	2.8

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
304426	< 5	2.63	14	0.73	488	2.28	0.065	85	< 0.1	7.4	< 3	303	< 0.5	0.29	7.3	1.1	64	< 1	13	26.6	46	31	3.7
304427	< 5	3.02	13	0.76	480	2.51	0.088	92	0.5	8.3	< 3	307	< 0.5	0.30	7.7	1.3	72	< 1	14	29.0	53	37	4.2
304428	< 5	2.84	16	1.21	529	2.26	0.086	88	0.4	8.2	< 3	290	< 0.5	0.29	8.6	1.6	68	< 1	14	28.9	49	31	4.2
304429	< 5	3.10	19	0.84	861	2.08	0.100	119	0.5	8.3	< 3	284	< 0.5	0.33	8.2	2.5	88	< 1	16	30.6	56	38	4.2
304430	< 5	3.32	18	1.04	463	2.42	0.088	116	< 0.1	8.1	< 3	311	< 0.5	0.31	9.3	1.4	67	< 1	14	30.9	59	22	4.2
304431	< 5	3.18	16	0.80	453	2.51	0.090	97	< 0.1	8.1	< 3	322	< 0.5	0.30	7.4	1.8	66	< 1	14	30.1	53	31	4.2
304432	< 5	3.06	12	0.73	512	2.63	0.082	80	0.4	7.4	< 3	341	< 0.5	0.28	7.3	1.6	59	< 1	13	28.4	49	24	4.1
304433	< 5	2.64	19	0.69	829	2.34	0.066	107	0.5	6.8	< 3	303	< 0.5	0.26	8.1	2.2	68	< 1	12	26.1	49	23	3.6
304434	< 5	2.52	16	0.79	311	2.57	0.074	116	0.4	8.0	< 3	326	< 0.5	0.30	9.0	3.9	62	< 1	14	30.6	61	47	4.1
304435	< 5	2.30	15	0.76	534	2.65	0.078	128	< 0.1	8.1	< 3	314	< 0.5	0.30	9.0	3.0	63	< 1	13	33.6	62	27	4.5
304436	< 5	2.59	22	0.88	674	2.39	0.094	136	< 0.1	8.6	< 3	311	< 0.5	0.30	10.3	7.2	63	< 1	18	44.5	74	38	5.5
304437	< 5	2.72	15	0.77	586	2.47	0.074	117	< 0.1	7.8	< 3	321	< 0.5	0.29	8.2	1.5	63	< 1	14	31.0	50	26	4.3
304438	< 5	2.82	14	0.69	423	2.67	0.081	159	0.4	8.1	< 3	329	< 0.5	0.30	8.2	1.2	58	< 1	14	31.0	58	32	4.5
304439	< 5	3.24	16	0.80	483	2.59	0.088	136	< 0.1	8.2	< 3	333	< 0.5	0.32	9.4	2.0	64	< 1	15	32.4	61	32	4.5
304440	< 5	3.11	15	0.76	497	2.54	0.076	93	< 0.1	8.1	< 3	341	< 0.5	0.34	9.9	1.4	64	< 1	13	31.0	55	31	4.2
304441	< 5	2.93	14	0.79	510	2.35	0.081	< 15	< 0.1	8.5	< 3	340	< 0.5	0.35	7.2	< 0.5	71	< 1	13	30.8	68	38	4.2
304442	< 5	3.20	14	0.75	363	2.36	0.090	59	< 0.1	8.2	< 3	332	< 0.5	0.31	6.4	< 0.5	62	< 1	14	30.0	69	19	4.1
304443	< 5	1.30	29	0.95	2090	1.55	0.076	< 15	0.9	23.9	< 3	142	< 0.5	0.28	4.0	5.2	172	< 1	27	34.9	50	69	6.8
304444	< 5	0.74	11	1.75	2570	0.74	0.040	< 15	1.0	13.9	< 3	83	< 0.5	0.28	2.9	< 0.5	180	< 1	7	12.1	40	< 5	2.4
304445	< 5	2.36	16	0.76	388	2.26	0.068	74	0.4	7.9	< 3	305	< 0.5	0.28	6.7	< 0.5	67	< 1	13	26.3	61	< 5	3.7
304446	< 5	2.55	13	0.74	462	2.35	0.085	< 15	< 0.1	7.7	< 3	326	< 0.5	0.29	8.4	< 0.5	74	< 1	15	26.8	62	28	3.8
304447	< 5	3.09	20	0.79	454	2.18	0.088	< 15	< 0.1	7.7	< 3	305	< 0.5	0.29	8.3	< 0.5	63	< 1	15	30.8	91	22	4.0
304448	< 5	2.63	11	0.62	310	2.30	0.057	49	< 0.1	7.2	< 3	326	< 0.5	0.28	5.8	< 0.5	57	< 1	12	24.0	53	8	3.4
304449	< 5	2.88	22	0.84	1020	2.00	0.073	104	0.4	9.5	< 3	258	< 0.5	0.32	7.6	2.9	97	< 1	11	26.5	77	24	3.6
304450	< 5	3.12	6	0.43	218	2.08	0.019	41	< 0.1	5.9	< 3	289	< 0.5	0.20	4.3	< 0.5	45	< 1	7	16.8	40	< 5	2.0
303826	< 5	0.73	5	0.20	866	0.22	0.048	< 15	3.5	4.5	< 3	30	< 0.5	0.16	2.0	< 0.5	93	< 1	6	21.5	34	< 5	2.5
303827	< 5	0.18	5	0.34	4560	0.10	0.062	< 15	< 0.1	1.8	< 3	15	< 0.5	0.03	1.8	< 0.5	69	< 1	13	13.7	25	< 5	2.1
303828	< 5	0.26	3	0.39	8210	0.06	0.048	< 15	0.2	1.4	< 3	13	< 0.5	0.02	0.9	< 0.5	56	< 1	13	13.2	33	< 5	2.0
303829	< 5	2.87	26	1.17	1190	1.46	0.120	43	< 0.1	11.2	< 3	220	< 0.5	0.32	10.6	3.7	99	< 1	18	36.6	75	27	4.4
303830	< 5	2.56	18	0.88	393	1.82	0.061	< 15	< 0.1	8.5	< 3	289	< 0.5	0.24	5.4	< 0.5	58	< 1	12	23.1	49	22	3.1
303831	< 5	0.03	4	0.32	3840	0.04	0.079	< 15	< 0.1	1.6	< 3	4	< 0.5	0.09	1.5	1.4	87	< 1	11	21.1	36	15	2.9
303832	< 5	0.11	3	0.58	7830	0.06	0.056	116	< 0.1	2.2	< 3	22	< 0.5	0.02	< 0.2	< 0.5	78	< 1	21	13.4	26	< 5	2.1
303833	< 5	3.57	21	0.92	519	1.80	0.083	40	0.8	8.6	< 3	283	< 0.5	0.30	9.1	< 0.5	71	< 1	17	31.9	69	18	4.2
303834	< 5	1.15	7	0.19	316	0.26	0.100	< 15	2.0	3.1	< 3	31	< 0.5	0.16	5.1	2.4	71	< 1	5	14.1	25	< 5	1.4
303835	< 5	0.11	3	1.63	5600	0.05	0.053	121	< 0.1	1.0	< 3	50	< 0.5	0.01	1.6	< 0.5	27	< 1	11	7.3	< 3	< 5	1.0
303836	< 5	3.24	17	0.76	453	2.02	0.076	69	0.5	8.0	< 3	298	< 0.5	0.25	8.0	< 0.5	60	< 1	15	28.9	67	21	4.1
303837	< 5	2.61	19	0.64	434	1.82	0.041	81	1.0	7.0	< 3	278	< 0.5	0.24	5.7	< 0.5	72	< 1	10	15.3	45	30	2.3
303838	< 5	2.72	12	0.67	439	2.14	0.075	50	0.4	6.0	< 3	292	< 0.5	0.25	5.6	< 0.5	53	< 1	12	26.1	56	14	3.7
303839	< 5	0.08	< 1	0.36	3490	0.05	0.036	< 15	0.4	0.7	< 3	11	< 0.5	0.02	< 0.2	< 0.5	24	< 1	13	6.9	7	< 5	1.1
303840	< 5	2.34	14	0.67	495	1.85	0.049	< 15	< 0.1	5.6	< 3	264	< 0.5	0.22	6.4	< 0.5	51	< 1	11	23.1	53	7	3.2
303841	< 5	0.53	2	0.87	6450	0.40	0.104	< 15	0.5	2.4	< 3	62	< 0.5	0.20	3.0	< 0.5	78	< 1	7	17.3	31	13	1.8
303842	< 5	2.84	22	0.48	216	0.52	0.094	127	5.2	8.9	< 3	76	< 0.5	0.33	6.2	4.1	178	< 1	8	21.5	36	13	2.4
303843	< 5	0.64	2	0.68	10700	0.49	0.076	< 15	0.6	4.0	< 3	78	< 0.5	0.21	2.8	2.0	82	< 1	20	22.9	43	8	3.3
303844	< 5	0.12	3	0.81	9360	0.08	0.075	< 15	< 0.1	1.6	< 3	26	< 0.5	0.17	1.9	1.7	54	< 1	13	13.9	29	14	2.0
303845	< 5	2.72	25	0.95	902	1.78	0.085	< 15	< 0.1	7.4	< 3	260	< 0.5	0.30	8.0	1.8	91	< 1	11	23.7	56	14	3.4
303846	< 5	0.03	7	0.52	6180	0.03	0.034	< 15	0.6	1.2	< 3	15	< 0.5	0.02	0.8	2.6	76	< 1	10	11.3	27	< 5	2.1
303847	< 5	3.88	32	1.02	1680	0.36	0.043	121	1.4	42.8	< 3	23	< 0.5	0.25	< 0.2	< 0.5	187	< 1	7	8.8	28	< 5	3.5
303848	< 5	1.35	15	0.59	1790	0.81	0.055	< 15	1.4	5.4	< 3	107	< 0.5	0.24	6.3	4.2	95	< 1	9	20.2	46	< 5	2.6
303849	< 5	0.46	12	0.55	7810	0.38	0.142	< 15	0.6	6.0	< 3	62	< 0.5	0.23	3.7	< 0.5	99	< 1	15	19.5	39	12	3.2
303850	< 5	0.01	7	1.17	7300	< 0.01	0.032	< 15	< 0.1	0.7	< 3	56	< 0.5	0.02	0.6	< 0.5	24	< 1	6	7.2	18	10	1.0

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
304576	< 5	0.28	2	0.41	7960	0.22	0.071	< 15	< 0.1	2.0	< 3	35	< 0.5	0.08	2.0	< 0.5	48	< 1	25	15.8	27	10	2.6
304577	< 5	0.06	< 1	0.45	7410	0.05	0.045	< 15	< 0.1	1.2	< 3	13	< 0.5	0.05	1.7	1.0	50	< 1	13	11.3	25	< 5	1.4
304578	< 5	0.14	4	0.53	7840	0.12	0.096	< 15	< 0.1	1.9	< 3	20	< 0.5	0.13	1.8	1.8	110	< 1	16	32.6	64	21	3.8
304579	< 5	0.23	75	0.93	2350	0.91	0.066	< 15	0.8	41.4	< 3	82	< 0.5	0.19	1.5	2.0	324	< 1	5	3.8	18	< 5	2.7
304580	< 5	0.27	7	0.43	11600	0.07	0.054	< 15	< 0.1	3.2	< 3	27	< 0.5	0.11	1.9	< 0.5	84	< 1	14	10.4	28	12	2.5
304581	< 5	0.16	9	0.52	4380	0.04	0.067	< 15	< 0.1	3.5	< 3	8	< 0.5	0.12	1.6	< 0.5	89	< 1	10	11.6	26	10	1.9
304582	< 5	3.00	26	0.98	929	1.22	0.040	102	1.3	10.8	< 3	144	< 0.5	0.34	9.9	3.2	131	< 1	10	28.5	65	18	3.8
304583	< 5	1.51	12	0.42	394	0.25	0.086	78	28.7	6.7	< 3	61	< 0.5	0.17	3.9	5.1	101	< 1	10	27.0	49	12	3.1
304584	< 5	0.09	1	0.37	7410	0.08	0.099	< 15	0.8	1.0	< 3	14	< 0.5	0.04	1.5	< 0.5	41	< 1	9	12.5	30	11	1.6
304585	< 5	0.24	5	0.61	8770	0.09	0.091	< 15	0.3	3.7	< 3	30	< 0.5	0.08	1.9	< 0.5	76	< 1	13	14.2	28	6	2.4
304586	< 5	0.40	8	0.54	8070	0.18	0.104	< 15	1.0	4.0	< 3	55	< 0.5	0.06	2.2	0.9	76	< 1	28	27.0	54	12	3.8
304587	< 5	0.25	9	0.93	9760	0.03	0.047	< 15	< 0.1	2.2	< 3	25	< 0.5	0.02	< 0.2	< 0.5	68	< 1	14	11.2	22	11	2.0
304588	< 5	2.09	12	0.52	489	1.44	0.012	79	< 0.1	6.6	< 3	192	< 0.5	0.11	6.3	2.5	24	< 1	9	21.2	48	15	2.6
304589	< 5	0.17	< 1	0.12	2330	0.13	0.051	< 15	< 0.1	0.9	< 3	20	< 0.5	0.05	1.0	< 0.5	37	< 1	4	7.3	15	8	0.9
304590	< 5	0.15	2	0.27	3620	0.13	0.071	< 15	0.4	1.9	< 3	20	< 0.5	0.05	1.2	2.5	68	< 1	14	29.3	50	20	3.9
304591	< 5	< 0.01	< 1	0.47	9700	0.02	0.052	< 15	0.2	1.3	< 3	8	< 0.5	0.03	0.5	2.1	39	< 1	4	7.8	16	< 5	1.5
304592	< 5	1.01	16	0.45	6120	0.66	0.075	< 15	8.6	5.8	< 3	78	< 0.5	0.15	5.3	5.5	184	< 1	13	20.4	55	12	3.3
304593	< 5	1.91	18	0.64	1670	0.86	0.099	< 15	10.7	8.1	< 3	115	< 0.5	0.27	6.7	5.1	108	< 1	13	33.9	62	25	4.0
304594	< 5	0.33	85	1.37	2410	0.89	0.057	65	1.2	28.7	< 3	79	< 0.5	0.30	0.8	1.5	287	< 1	5	5.3	24	< 5	3.3
304595	< 5	0.15	8	0.91	8470	0.08	0.072	< 15	< 0.1	4.2	< 3	21	< 0.5	0.07	< 0.2	< 0.5	79	< 1	21	18.8	39	11	3.3
304596	< 5	0.09	2	0.22	1500	0.06	0.028	< 15	0.5	1.8	< 3	9	< 0.5	0.03	0.5	0.7	55	< 1	9	9.0	20	7	1.6
304597	< 5	1.04	8	0.45	1250	0.81	0.127	< 15	1.0	10.8	< 3	91	< 0.5	0.13	11.7	5.9	44	< 1	8	20.5	60	22	4.8
304598	< 5	0.14	2	0.51	6720	0.12	0.079	< 15	0.6	1.8	< 3	22	< 0.5	0.07	1.9	< 0.5	62	< 1	15	15.3	30	11	2.2
304599	< 5	3.23	31	1.01	1620	0.54	0.052	109	1.4	9.1	< 3	78	< 0.5	0.32	12.2	< 0.5	95	< 1	9	30.6	66	19	3.8
304600	< 5	2.02	24	0.78	934	0.30	0.079	< 15	1.1	8.0	< 3	75	< 0.5	0.30	19.8	6.5	58	< 1	11	38.6	91	18	4.4
304876	< 5	2.24	20	0.66	324	2.04	0.012	72	< 0.1	6.3	< 3	260	< 0.5	0.26	5.2	1.4	61	< 1	9	17.7	39	11	2.6
304877	< 5	1.96	15	0.67	238	1.34	0.047	80	1.0	6.9	< 3	188	< 0.5	0.33	9.0	2.6	101	< 1	7	14.7	31	5	1.9
304878	< 5	1.10	13	0.16	277	0.05	0.043	97	1.7	3.6	< 3	7	< 0.5	0.09	3.5	2.1	102	< 1	4	13.3	20	16	1.4
304879	< 5	0.12	2	0.09	1530	0.03	0.038	< 15	0.4	1.0	< 3	5	< 0.5	0.02	1.7	2.1	22	< 1	9	5.8	12	< 5	1.0
304880	< 5	1.16	36	2.09	322	0.96	0.047	150	0.4	9.5	< 3	130	< 0.5	0.20	14.2	< 0.5	46	< 1	11	46.5	114	29	5.6
304881	< 5	3.14	22	0.52	471	0.86	0.091	87	6.6	9.5	< 3	112	< 0.5	0.30	7.6	3.3	176	< 1	10	22.2	56	18	3.0
304882	< 5	2.66	18	0.55	3000	1.08	0.077	47	4.3	9.1	< 3	144	< 0.5	0.23	8.7	21.5	111	< 1	29	34.7	47	24	4.0
304883	< 5	2.82	28	0.73	410	1.91	0.037	152	< 0.1	7.9	< 3	231	< 0.5	0.33	9.2	3.2	90	< 1	10	25.3	39	< 5	2.9
304884	< 5	2.89	51	1.39	266	1.41	0.026	94	0.2	9.4	< 3	174	< 0.5	0.34	7.1	< 0.5	127	< 1	8	16.3	28	9	2.1
304885	< 5	1.16	19	0.64	1560	1.35	0.176	< 15	6.2	7.2	< 3	182	< 0.5	0.24	8.2	12.7	402	< 1	20	28.0	47	22	3.8
304886	< 5	2.31	23	0.71	2040	1.51	0.118	< 15	< 0.1	8.1	< 3	212	< 0.5	0.22	9.5	11.6	68	< 1	37	72.4	87	29	7.7
304887	< 5	2.14	13	0.71	461	2.45	0.077	60	< 0.1	7.3	< 3	310	< 0.5	0.28	8.7	< 0.5	66	< 1	13	31.5	46	17	3.9
304888	< 5	2.34	7	0.25	158	1.43	0.045	< 15	1.4	4.1	< 3	192	< 0.5	0.20	4.0	3.1	81	< 1	6	12.7	15	8	1.1
304889	< 5	2.30	31	0.75	1010	0.85	0.068	133	2.8	18.1	< 3	95	< 0.5	0.32	6.4	2.8	222	< 1	10	20.7	28	9	2.7
304890	< 5	2.08	17	0.67	414	2.37	0.059	< 15	0.4	7.1	< 3	298	< 0.5	0.26	11.3	< 0.5	63	< 1	11	23.9	52	14	3.3
304891	< 5	3.17	27	0.83	587	1.96	0.067	206	< 0.1	8.9	< 3	248	< 0.5	0.35	14.9	3.2	69	< 1	16	51.4	76	33	5.5
304892	< 5	1.72	21	1.30	1090	0.64	0.034	< 15	0.8	19.5	< 3	16	< 0.5	0.11	4.3	2.3	200	< 1	7	7.8	14	< 5	2.0
304893	< 5	2.48	32	0.96	2230	1.52	0.024	193	0.6	7.4	< 3	214	< 0.5	0.31	8.6	< 0.5	94	< 1	13	21.0	36	7	2.9
304894	< 5	2.64	19	0.52	990	0.62	0.056	86	7.3	11.1	< 3	95	< 0.5	0.38	8.3	4.5	204	< 1	9	23.4	33	14	2.6
304895	< 5	2.19	26	0.88	2160	0.65	0.118	88	0.9	9.8	< 3	126	< 0.5	0.27	7.9	5.4	139	< 1	13	19.2	25	< 5	2.6
304896	< 5	1.12	33	2.24	1380	0.40	0.021	64	< 0.1	29.6	< 3	56	< 0.5	0.32	4.3	2.1	537	< 1	9	9.4	12	9	1.4
304897	< 5	0.77	31	2.03	1290	0.09	0.105	< 15	0.9	5.7	14	12	< 0.5	0.12	8.0	5.4	156	< 1	4	27.5	35	< 5	2.7
304898	< 5	0.39	11	0.77	13700	0.03	0.037	19	0.2	3.4	< 3	85	< 0.5	0.11	1.0	< 0.5	84	< 1	11	10.0	13	8	1.9
304899	< 5	0.10	6	0.56	6010	0.02	0.029	< 15	0.2	1.1	< 3	21	< 0.5	0.02	< 0.2	< 0.5	38	< 1	12	6.8	9	< 5	1.2
304900	< 5	0.05	18	1.35	10100	0.04	0.088	< 15	0.6	9.1	< 3	26	< 0.5	0.28	3.6	< 0.5	146	< 1	23	25.4	45	18	4.6

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
304851	< 5	2.40	16	0.70	576	2.13	0.060	< 15	0.3	7.2	< 3	299	< 0.5	0.22	9.5	< 0.5	58	< 1	10	22.9	41	14	3.3
304852	< 5	2.74	13	0.63	449	2.27	0.061	95	0.4	6.3	< 3	307	< 0.5	0.22	5.8	< 0.5	52	< 1	10	19.7	39	8	2.7
304853	< 5	0.29	4	0.44	9630	0.17	0.047	31	< 0.1	2.5	< 3	39	< 0.5	0.13	3.1	< 0.5	54	< 1	6	11.0	18	16	1.6
304854	< 5	2.78	14	0.68	531	2.20	0.072	< 15	< 0.1	7.1	< 3	304	< 0.5	0.28	9.4	< 0.5	60	< 1	12	31.4	46	16	3.5
304855	< 5	2.49	18	0.79	580	2.51	0.073	72	< 0.1	7.5	< 3	309	< 0.5	0.25	8.9	1.6	61	< 1	14	30.1	43	12	3.5
304856	< 5	2.74	18	0.75	501	2.18	0.065	< 15	< 0.1	6.6	< 3	289	< 0.5	0.22	9.1	2.5	60	< 1	11	24.1	37	8	2.8
304857	< 5	2.92	16	0.75	753	1.91	0.073	75	< 0.1	7.7	< 3	269	< 0.5	0.25	8.9	1.9	69	< 1	13	30.9	50	15	3.7
304858	< 5	1.75	16	0.60	605	1.98	0.075	198	< 0.1	5.9	< 3	230	< 0.5	0.24	7.5	1.8	58	< 1	7	19.0	41	22	2.7
304859	< 5	2.10	13	0.75	509	2.59	0.078	< 15	< 0.1	7.9	< 3	343	< 0.5	0.30	9.8	< 0.5	61	< 1	14	35.6	54	23	4.2
304860	< 5	2.28	16	0.77	499	2.22	0.068	88	< 0.1	7.8	< 3	315	< 0.5	0.32	9.0	1.5	64	< 1	14	32.7	50	14	3.7
304861	< 5	2.86	17	0.78	781	2.24	0.076	< 15	< 0.1	7.4	< 3	307	< 0.5	0.30	10.9	1.1	65	< 1	14	33.3	52	19	3.8
304862	< 5	0.18	2	1.20	10400	0.13	0.047	< 15	0.2	0.9	< 3	62	< 0.5	0.02	< 0.2	< 0.5	19	< 1	27	27.3	39	14	3.1
304863	< 5	1.90	15	0.53	1720	1.02	0.169	< 15	0.6	6.5	< 3	146	< 0.5	0.16	9.0	4.6	61	< 1	31	47.9	44	18	5.0
304864	< 5	2.71	15	0.74	699	2.20	0.086	43	< 0.1	7.0	< 3	288	< 0.5	0.27	5.9	< 0.5	65	< 1	14	25.7	38	17	3.6
304865	< 5	2.02	9	0.54	385	2.37	0.047	114	0.2	6.3	< 3	302	< 0.5	0.22	7.0	2.5	48	< 1	10	22.1	36	13	2.6
304866	< 5	2.43	13	0.62	397	2.24	0.059	< 15	< 0.1	6.5	< 3	309	< 0.5	0.25	5.9	< 0.5	59	< 1	11	20.1	32	10	2.7
304867	< 5	2.07	12	0.58	353	2.29	0.065	106	< 0.1	6.3	< 3	293	< 0.5	0.24	5.5	1.4	60	< 1	8	16.6	32	14	2.4
304868	< 5	1.94	29	1.91	514	1.41	0.118	< 15	< 0.1	12.5	< 3	141	< 0.5	0.21	3.4	< 0.5	36	< 1	15	29.2	51	16	6.6
304869	< 5	2.42	10	0.54	324	2.33	0.058	66	0.2	5.5	< 3	317	< 0.5	0.21	5.2	< 0.5	52	< 1	11	17.7	30	8	2.6
304870	< 5	2.52	20	0.81	1190	1.76	0.036	113	< 0.1	8.4	< 3	249	< 0.5	0.31	7.9	< 0.5	99	< 1	13	25.8	48	23	3.1
304871	< 5	0.52	7	0.85	12500	0.13	0.061	< 15	0.3	4.4	< 3	57	< 0.5	0.17	2.6	2.7	110	< 1	14	10.9	18	20	1.5
304872	< 5	0.74	2	0.08	119	0.40	0.052	< 15	< 0.1	1.9	< 3	55	< 0.5	0.08	2.0	< 0.5	51	< 1	1	3.2	< 3	< 5	0.3
304873	< 5	1.14	13	0.60	4110	0.95	0.057	< 15	< 0.1	8.1	< 3	134	< 0.5	0.22	5.2	< 0.5	73	< 1	15	14.3	28	19	2.6
304874	< 5	0.31	3	0.63	15700	0.09	0.074	< 15	0.1	3.2	< 3	27	< 0.5	0.07	1.6	< 0.5	96	< 1	13	11.1	16	11	1.7
304875	< 5	0.39	3	0.05	88	0.03	0.042	< 15	1.0	1.7	< 3	5	< 0.5	0.04	0.9	< 0.5	45	< 1	2	4.3	9	< 5	0.3
375976	< 5	0.12	< 1	0.69	10000	0.03	0.065	< 15	0.3	1.2	< 3	24	< 0.5	0.04	< 0.2	< 0.5	38	< 1	12	13.0	19	< 5	1.7
375977	< 5	0.06	1	0.41	5020	0.07	0.054	< 15	< 0.1	1.3	< 3	10	< 0.5	0.03	1.7	0.7	43	< 1	8	7.3	8	< 5	1.3
375978	< 5	0.03	< 1	0.29	5330	0.05	0.026	< 15	0.2	0.6	< 3	9	< 0.5	0.01	0.7	< 0.5	16	< 1	8	7.0	11	7	1.3
375979	< 5	0.26	< 1	0.81	8660	0.08	0.069	< 15	0.2	2.4	< 3	30	< 0.5	0.05	0.9	< 0.5	40	< 1	13	11.2	23	< 5	1.8
375980	< 5	1.46	10	0.42	299	0.71	0.048	< 15	1.2	6.5	< 3	104	< 0.5	0.22	24.4	8.1	94	< 1	8	39.7	< 3	10	4.5
375981	< 5	0.81	30	2.06	371	1.36	0.021	25	0.5	25.4	< 3	61	< 0.5	0.22	4.4	< 0.5	140	< 1	8	7.8	11	< 5	1.4
375982	< 5	4.06	31	0.82	251	0.43	0.041	109	1.3	11.6	< 3	70	< 0.5	0.30	10.8	3.3	107	< 1	8	16.7	31	33	1.6
375983	< 5	2.34	32	1.38	1100	1.18	0.060	36	1.6	13.1	< 3	136	< 0.5	0.32	9.4	3.7	133	< 1	12	22.3	39	9	3.6
375984	< 5	0.22	34	3.17	2270	1.21	0.045	< 15	0.3	33.6	< 3	47	< 0.5	0.47	< 0.2	< 0.5	326	< 1	12	6.0	12	< 5	2.8
375985	< 5	0.10	2	0.63	9760	0.05	0.054	< 15	0.4	1.4	< 3	30	< 0.5	0.05	1.3	< 0.5	50	< 1	12	11.5	20	< 5	1.5
375986	< 5	1.23	7	0.55	1060	0.44	0.135	< 15	5.4	5.6	< 3	82	< 0.5	0.16	5.3	8.5	640	< 1	13	28.9	46	17	5.3
375987	< 5	2.17	27	1.05	953	1.26	0.045	< 15	0.5	9.1	< 3	152	< 0.5	0.33	12.4	3.9	110	< 1	12	29.2	64	12	3.8
375988	< 5	0.19	1	0.65	8080	0.14	0.070	< 15	< 0.1	1.4	< 3	26	< 0.5	0.07	2.1	< 0.5	46	< 1	14	10.9	25	9	1.8
375989	< 5	0.42	15	0.56	7020	0.27	0.068	< 15	0.5	3.3	< 3	40	< 0.5	0.07	4.1	< 0.5	79	< 1	21	17.3	46	14	3.4
375990	< 5	0.24	6	0.55	7300	0.21	0.069	< 15	0.3	2.4	< 3	39	< 0.5	0.10	2.2	< 0.5	78	< 1	15	16.2	42	15	2.5
375991	< 5	0.06	6	0.63	8260	0.05	0.052	< 15	< 0.1	1.4	< 3	35	< 0.5	0.02	< 0.2	< 0.5	37	< 1	13	9.6	18	< 5	1.9
375992	< 5	0.08	2	0.68	4410	0.05	0.049	< 15	< 0.1	0.9	< 3	33	< 0.5	0.01	< 0.2	< 0.5	17	< 1	5	5.0	13	< 5	0.7
375993	< 5	0.33	1	0.16	987	0.14	0.080	< 15	0.5	1.5	< 3	23	< 0.5	0.06	2.5	1.7	32	< 1	4	6.4	< 3	< 5	0.7
375994	< 5	0.14	1	0.15	3790	0.12	0.061	33	0.5	1.3	< 3	21	< 0.5	0.04	1.4	< 0.5	21	< 1	8	7.7	16	14	1.1
375995	< 5	0.31	2	0.10	458	0.06	0.078	< 15	7.5	2.9	< 3	6	< 0.5	0.06	2.7	2.2	48	< 1	3	8.7	27	< 5	1.3
375996	< 5	0.13	< 1	0.46	4700	0.08	0.049	< 15	0.7	1.1	< 3	20	< 0.5	0.03	1.0	< 0.5	32	< 1	10	8.4	22	< 5	1.5
375997	< 5	0.19	6	0.87	11600	0.10	0.054	< 15	0.3	3.0	< 3	34	< 0.5	0.17	2.1	< 0.5	96	< 1	8	10.5	26	< 5	1.9
375998	< 5	0.06	5	1.32	9290	0.06	0.035	< 15	< 0.1	1.8	< 3	26	< 0.5	0.03	< 0.2	1.6	102	< 1	22	19.7	40	< 5	3.2
375999	< 5	0.03	5	0.60	6840	0.03	0.040	< 15	< 0.1	1.2	< 3	25	< 0.5	0.02	< 0.2	< 0.5	72	< 1	14	15.1	6	< 5	2.3
376000	< 5	0.46	8	1.27	6160	0.33	0.096	< 15	< 0.1	2.9	< 3	81	< 0.5	0.08	1.8	< 0.5	91	< 1	24	24.4	55	< 5	3.8

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
375951	< 5	0.76	38	0.53	960	0.72	0.075	< 15	0.3	22.6	< 3	81	< 0.5	0.20	4.6	< 0.5	164	< 1	8	14.6	38	< 5	4.3
375952	< 5	0.52	6	0.66	10900	0.36	0.056	< 15	0.9	3.4	< 3	90	< 0.5	0.06	1.8	< 0.5	38	< 1	19	15.2	34	< 5	2.9
375953	< 5	0.19	9	1.06	8380	0.03	0.053	< 15	0.2	2.0	< 3	77	< 0.5	0.04	1.5	< 0.5	55	< 1	10	11.6	24	< 5	1.7
375954	< 5	3.42	19	0.83	330	0.82	0.031	190	6.9	15.6	< 3	67	< 0.5	0.74	4.3	< 0.5	208	< 1	9	25.3	54	< 5	3.1
375955	< 5	0.62	52	6.82	1630	0.39	0.027	82	0.3	19.9	< 3	297	< 0.5	0.50	2.7	< 0.5	102	< 1	21	32.5	83	41	6.5
375956	< 5	1.90	19	0.56	737	1.27	0.061	188	0.2	10.9	< 3	156	< 0.5	0.35	9.0	2.0	130	< 1	9	19.5	39	24	2.7
375957	< 5	0.73	2	0.14	831	0.47	0.072	< 15	1.3	2.4	< 3	83	< 0.5	0.14	2.0	< 0.5	49	< 1	4	11.3	17	< 5	1.3
375958	< 5	1.91	13	0.65	1390	1.20	0.077	118	0.3	7.3	< 3	172	< 0.5	0.29	5.5	2.7	78	< 1	9	18.6	35	< 5	2.3
375959	< 5	1.28	29	0.87	3030	0.27	0.184	48	< 0.1	5.4	< 3	55	< 0.5	0.12	6.7	< 0.5	40	< 1	16	23.1	66	15	4.1
375960	< 5	0.13	5	1.02	7960	0.02	0.049	< 15	0.2	0.7	< 3	60	< 0.5	< 0.01	< 0.2	< 0.5	30	< 1	9	8.8	22	< 5	1.4
375961	< 5	0.18	6	0.67	7540	0.12	0.070	< 15	0.5	1.9	< 3	39	< 0.5	0.04	2.3	< 0.5	49	< 1	15	15.2	36	12	2.5
375962	< 5	0.04	6	1.04	6500	0.03	0.039	< 15	0.3	1.0	< 3	48	< 0.5	0.02	< 0.2	1.0	34	< 1	13	8.2	20	< 5	1.4
375963	< 5	2.54	17	0.69	294	1.15	0.063	111	1.9	9.6	< 3	162	< 0.5	0.32	8.1	< 0.5	131	< 1	6	21.1	34	10	2.6
375964	< 5	1.90	9	0.37	2500	0.49	0.147	< 15	19.9	6.9	12	76	< 0.5	0.22	6.4	1.1	186	< 1	6	19.8	47	16	2.3
375965	< 5	2.57	22	1.01	722	1.06	0.058	73	2.1	10.2	< 3	161	< 0.5	0.32	7.9	1.7	124	< 1	9	23.4	61	< 5	3.2
375966	< 5	2.88	30	1.20	800	1.48	0.062	< 15	1.6	11.8	< 3	219	< 0.5	0.34	9.9	4.2	116	< 1	12	28.1	54	25	3.7
375967	< 5	0.05	1	0.40	7840	0.02	0.036	< 15	< 0.1	0.9	< 3	22	< 0.5	0.04	0.9	< 0.5	34	< 1	8	11.5	26	10	1.8
375968	< 5	0.13	4	0.60	11700	0.11	0.103	< 15	0.5	3.7	< 3	22	< 0.5	0.14	3.0	3.4	95	< 1	30	23.0	55	15	3.7
375969	< 5	0.02	< 1	0.08	769	0.03	0.119	< 15	9.4	1.2	< 3	5	< 0.5	0.02	1.8	2.2	87	< 1	< 1	1.1	< 3	< 5	< 0.1
375970	< 5	0.12	2	0.53	3930	0.05	0.055	< 15	0.6	1.2	< 3	25	< 0.5	0.02	< 0.2	1.8	25	< 1	7	8.4	17	< 5	1.3
375971	< 5	0.42	6	1.05	12200	0.21	0.055	47	1.0	4.7	< 3	53	< 0.5	0.23	3.7	< 0.5	131	< 1	11	13.5	37	22	2.3
375972	< 5	1.64	25	1.00	3120	1.30	0.075	< 15	0.6	10.6	< 3	192	< 0.5	0.27	9.6	< 0.5	79	< 1	13	31.0	87	19	5.1
375973	< 5	0.19	2	0.62	8500	0.09	0.065	< 15	< 0.1	2.1	< 3	44	< 0.5	0.09	1.3	< 0.5	56	< 1	9	9.7	17	14	1.3
375974	< 5	2.98	41	1.40	1160	0.65	0.069	82	2.1	11.4	< 3	60	< 0.5	0.41	8.8	6.5	175	< 1	9	24.6	45	25	2.6
375975	< 5	2.45	21	1.08	812	0.76	0.057	111	1.3	9.2	< 3	98	< 0.5	0.31	6.9	4.2	105	< 1	7	21.9	37	25	2.2
376001	< 5	0.49	10	0.41	6640	0.04	0.060	< 15	1.4	2.9	< 3	14	< 0.5	0.06	1.1	3.4	56	< 1	14	13.0	32	13	2.0
376002	< 5	1.02	12	0.28	653	0.19	0.095	< 15	2.1	5.6	< 3	44	< 0.5	0.18	3.8	6.0	110	< 1	9	17.9	32	16	2.6
376003	< 5	0.11	7	0.38	4160	0.05	0.066	< 15	0.1	1.9	< 3	23	< 0.5	0.03	< 0.2	< 0.5	52	< 1	12	12.1	32	< 5	2.2
376004	< 5	0.06	2	0.25	11700	0.01	0.034	< 15	< 0.1	1.1	< 3	7	< 0.5	0.02	< 0.2	< 0.5	39	< 1	8	8.6	21	< 5	1.9
376005	< 5	0.04	< 1	0.12	2340	0.05	0.037	< 15	0.3	0.8	< 3	23	< 0.5	< 0.01	< 0.2	4.0	11	< 1	6	8.6	11	< 5	1.9
376006	< 5	< 0.01	< 1	0.06	1010	< 0.01	0.007	< 15	< 0.1	0.3	< 3	< 1	< 0.5	< 0.01	< 0.2	< 0.5	11	< 1	4	3.5	5	< 5	0.6
376007	< 5	0.69	5	0.31	2990	0.57	0.046	< 15	0.3	3.3	< 3	91	< 0.5	0.09	3.7	1.3	47	< 1	16	19.7	28	8	3.0
376008	< 5	0.14	3	0.66	8170	0.09	0.073	< 15	< 0.1	1.3	< 3	44	< 0.5	0.03	1.2	< 0.5	33	< 1	15	15.1	21	12	2.4
376009	< 5	0.72	4	0.43	3710	0.52	0.098	32	< 0.1	3.3	< 3	101	< 0.5	0.12	4.1	< 0.5	43	< 1	11	13.4	18	< 5	1.8
376010	< 5	0.53	5	0.57	6450	0.37	0.076	< 15	0.2	2.6	< 3	75	< 0.5	0.09	2.6	< 0.5	38	< 1	18	16.6	24	15	2.7
376011	< 5	1.41	8	0.42	565	0.62	0.095	< 15	5.0	6.1	< 3	85	< 0.5	0.19	3.5	10.1	665	< 1	12	21.7	36	37	2.9
376012	< 5	0.04	< 1	0.07	2490	0.03	0.039	< 15	< 0.1	0.5	< 3	13	< 0.5	< 0.01	< 0.2	3.5	13	< 1	21	30.5	31	11	2.5
376013	< 5	0.04	< 1	0.04	14900	0.03	0.044	< 15	< 0.1	0.7	< 3	10	< 0.5	< 0.01	< 0.2	4.4	11	< 1	21	35.7	54	24	5.6
376014	< 5	1.77	10	0.64	801	1.33	0.049	77	0.8	6.9	< 3	200	< 0.5	0.22	7.0	4.5	192	< 1	10	20.3	27	10	3.1
376015	< 5	0.10	2	0.61	9320	0.10	0.169	< 15	< 0.1	1.1	< 3	42	< 0.5	0.02	1.1	< 0.5	24	< 1	14	8.9	12	< 5	1.2
376016	< 5	0.90	17	0.57	1740	0.40	0.076	< 15	< 0.1	5.6	< 3	79	3.9	0.26	8.1	2.6	117	< 1	24	46.7	67	29	6.6
376017	< 5	2.06	18	0.89	880	1.68	0.080	< 15	< 0.1	8.0	< 3	216	< 0.5	0.31	8.2	2.5	65	< 1	13	29.5	47	39	3.8
376018	< 5	2.41	22	0.95	869	1.71	0.075	< 15	0.4	8.9	< 3	248	< 0.5	0.29	10.1	1.7	63	< 1	15	32.6	77	22	4.9
376019	< 5	1.99	15	0.74	2500	1.27	0.068	< 15	< 0.1	6.2	< 3	203	< 0.5	0.27	5.7	1.7	61	< 1	12	22.2	57	9	3.4
376020	< 5	1.99	19	0.82	1200	1.58	0.077	< 15	0.1	7.7	< 3	226	< 0.5	0.32	7.8	< 0.5	65	< 1	12	30.0	66	6	4.4
376021	< 5	0.14	2	0.80	8040	0.06	0.062	17	0.4	2.8	< 3	17	< 0.5	0.18	2.2	1.0	117	< 1	7	11.1	23	7	1.6
376022	< 5	1.28	9	0.79	1850	0.81	0.140	79	0.4	5.1	< 3	147	< 0.5	0.19	4.0	1.6	52	< 1	11	17.0	35	14	2.6
376023	< 5	0.05	2	0.32	6910	0.01	0.022	< 15	< 0.1	1.1	< 3	12	< 0.5	0.07	0.9	0.7	35	< 1	6	4.8	12	6	0.8
376024	< 5	2.21	15	0.78	1260	1.42	0.073	< 15	0.1	6.7	< 3	227	< 0.5	0.27	5.6	1.5	63	< 1	12	23.3	61	14	3.8
376025	< 5	2.14	19	1.14	1780	1.48	0.072	95	< 0.1	10.8	< 3	205	< 0.5	0.30	6.1	1.3	115	< 1	15	22.1	56	8	3.5

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
376026	< 5	0.13	2	0.53	6450	0.08	0.074	< 15	< 0.1	1.2	< 3	27	< 0.5	0.04	1.5	1.7	36	< 1	7	6.2	14	< 5	0.9
376027	< 5	0.45	4	0.43	6830	0.30	0.072	< 15	< 0.1	2.9	< 3	60	< 0.5	0.10	2.3	1.7	60	< 1	13	14.1	35	8	2.1
376028	< 5	0.06	3	0.67	12000	0.03	0.056	< 15	0.1	2.0	< 3	27	< 0.5	0.10	1.6	< 0.5	52	< 1	8	7.0	17	< 5	1.3
376101	< 5	0.09	2	0.34	3560	0.08	0.054	< 15	< 0.1	1.1	< 3	16	< 0.5	0.03	1.1	< 0.5	57	< 1	10	10.6	22	9	1.9
376102	< 5	0.09	5	0.75	5690	0.08	0.040	< 15	< 0.1	1.5	< 3	30	< 0.5	0.03	0.7	< 0.5	76	< 1	14	12.6	33	11	2.5
376103	< 5	0.83	4	0.34	2690	0.56	0.061	29	0.5	2.9	< 3	93	< 0.5	0.10	2.2	2.4	80	< 1	10	13.6	27	14	2.1
376104	< 5	0.59	6	0.50	4130	0.37	0.079	< 15	< 0.1	2.4	< 3	84	< 0.5	0.11	2.2	0.5	97	< 1	14	12.8	31	8	2.1
376105	< 5	0.04	3	1.22	6260	0.05	0.041	58	< 0.1	1.3	< 3	31	< 0.5	0.02	0.9	< 0.5	74	< 1	14	13.4	31	15	2.4
376106	< 5	1.35	8	0.27	2360	0.11	0.145	< 15	2.6	5.3	< 3	20	< 0.5	0.26	6.2	6.2	305	2	23	41.0	100	26	5.5
376107	< 5	1.88	28	0.80	1070	1.50	0.050	< 15	2.0	8.5	< 3	182	< 0.5	0.30	8.8	6.8	113	< 1	11	26.4	53	43	3.1
376108	< 5	2.03	21	0.85	682	2.03	0.058	< 15	< 0.1	8.0	< 3	288	< 0.5	0.25	6.3	2.1	66	< 1	12	21.3	50	14	3.4
376109	< 5	1.46	13	0.79	16800	1.30	0.063	< 15	0.5	11.6	< 3	160	< 0.5	0.21	3.8	4.2	131	< 1	13	13.7	31	17	3.0
376110	< 5	0.08	2	0.52	14000	0.06	0.091	< 15	< 0.1	3.7	< 3	23	< 0.5	0.14	1.9	< 0.5	66	< 1	12	10.1	26	11	2.1
376111	< 5	0.07	2	0.29	6640	0.03	0.060	< 15	< 0.1	1.0	< 3	18	< 0.5	0.02	1.1	1.4	31	< 1	8	6.5	< 3	7	1.0
376112	< 5	0.06	1	0.29	5960	0.03	0.069	< 15	< 0.1	1.1	< 3	13	< 0.5	0.03	0.6	0.6	37	< 1	10	7.4	20	8	1.2
376113	< 5	0.14	2	0.47	5210	0.08	0.061	< 15	0.2	1.3	< 3	24	< 0.5	0.04	0.7	1.0	43	< 1	11	8.5	21	9	1.4
376114	< 5	0.15	2	0.58	8700	0.08	0.055	< 15	< 0.1	1.0	< 3	38	< 0.5	0.03	1.4	< 0.5	31	< 1	11	8.7	22	10	1.3
376115	< 5	0.05	2	1.02	7940	0.02	0.055	< 15	< 0.1	0.9	< 3	31	< 0.5	0.02	< 0.2	< 0.5	28	< 1	9	5.8	9	7	0.9
376116	< 5	0.03	2	4.69	7300	0.01	0.022	15	0.2	0.9	< 3	101	< 0.5	0.02	0.6	0.9	31	< 1	7	5.7	12	< 5	0.9
376117	< 5	0.18	2	0.32	3530	0.12	0.026	< 15	< 0.1	1.2	< 3	30	< 0.5	0.04	1.3	0.6	29	< 1	8	6.3	9	< 5	0.9
376118	< 5	0.11	1	0.74	9580	0.08	0.059	< 15	0.3	1.2	< 3	57	< 0.5	0.04	0.7	< 0.5	34	< 1	10	8.9	20	10	1.4
376119	< 5	0.01	1	1.51	4760	< 0.01	0.014	< 15	< 0.1	0.7	< 3	76	< 0.5	< 0.01	< 0.2	< 0.5	23	< 1	4	3.6	8	6	0.5
376120	< 5	0.02	< 1	0.37	4120	< 0.01	0.014	< 15	< 0.1	0.3	< 3	13	< 0.5	< 0.01	< 0.2	< 0.5	6	< 1	3	1.9	< 3	6	0.4
376121	< 5	0.03	2	0.61	5980	< 0.01	0.017	< 15	< 0.1	0.9	< 3	23	< 0.5	0.05	0.7	< 0.5	42	< 1	5	5.7	11	7	0.8
303676	< 5	3.19	21	0.34	117	0.15	0.015	58	79.1	15.3	< 3	21	< 0.5	0.18	6.5	2.8	140	< 1	7	39.3	76	26	4.9
303677	< 5	2.06	19	0.70	1540	0.71	0.064	65	5.0	10.8	< 3	86	< 0.5	0.29	6.3	4.6	151	< 1	9	24.5	43	41	3.0
303678	< 5	0.07	5	0.25	3580	0.08	0.072	< 15	0.5	1.4	< 3	13	< 0.5	0.02	1.2	< 0.5	46	< 1	6	10.2	17	11	1.2
303679	< 5	0.02	4	0.48	11200	< 0.01	0.017	< 15	0.2	0.7	< 3	20	< 0.5	< 0.01	< 0.2	< 0.5	27	< 1	11	9.7	17	10	1.4
303680	< 5	0.19	2	0.33	7950	0.02	0.045	< 15	0.5	1.6	< 3	9	< 0.5	0.02	< 0.2	1.2	54	< 1	19	14.8	25	< 5	2.6
303681	< 5	2.76	16	0.33	180	0.20	0.046	35	38.3	10.2	< 3	26	< 0.5	0.30	8.6	7.7	271	< 1	9	49.4	96	22	5.4
303682	< 5	0.47	8	0.52	6490	0.40	0.067	< 15	< 0.1	3.8	< 3	60	< 0.5	0.10	3.5	< 0.5	66	< 1	15	18.0	34	< 5	2.7
303683	< 5	0.24	3	0.45	8830	0.15	0.092	< 15	< 0.1	2.4	< 3	37	< 0.5	0.07	3.4	< 0.5	61	< 1	16	16.1	35	13	2.6
303684	< 5	0.11	3	0.43	8790	0.07	0.060	< 15	< 0.1	1.3	< 3	26	< 0.5	0.03	1.4	< 0.5	35	< 1	12	11.6	19	< 5	1.9
303685	< 5	0.05	< 1	0.35	4000	0.04	0.061	< 15	< 0.1	0.8	< 3	9	< 0.5	0.02	0.9	< 0.5	20	< 1	4	6.8	16	6	0.9
303686	< 5	1.86	16	0.67	722	0.83	0.081	96	10.4	11.1	< 3	111	< 0.5	0.36	7.8	4.5	152	< 1	8	23.1	42	15	2.9
303687	< 5	1.24	26	1.03	701	1.64	0.054	78	0.3	11.8	< 3	202	< 0.5	0.34	12.5	4.6	82	< 1	9	27.5	61	11	3.5
303688	< 5	1.94	18	0.64	334	1.05	0.066	< 15	2.5	10.3	< 3	129	< 0.5	0.32	9.3	4.3	131	< 1	6	19.0	31	12	2.3
303689	< 5	0.04	< 1	0.02	413	< 0.01	0.017	< 15	0.9	0.3	< 3	1	< 0.5	0.02	< 0.2	1.6	16	< 1	2	3.1	7	< 5	0.4
303690	< 5	2.06	19	0.80	1240	1.33	0.046	113	0.9	7.6	< 3	191	< 0.5	0.24	9.4	2.3	80	< 1	9	19.0	42	8	2.4
303691	< 5	1.01	15	0.63	3940	0.97	0.054	< 15	< 0.1	6.5	< 3	140	< 0.5	0.19	6.3	< 0.5	68	< 1	18	22.5	43	22	3.5
303692	< 5	1.82	23	0.74	603	1.44	0.031	68	1.2	8.2	< 3	206	< 0.5	0.29	7.0	< 0.5	100	< 1	8	19.0	34	9	2.5
303693	< 5	0.06	3	0.56	12000	0.07	0.066	< 15	0.4	3.0	< 3	16	< 0.5	0.20	2.9	2.2	74	< 1	18	15.0	31	6	2.8
303694	< 5	0.09	7	0.57	8150	0.08	0.081	< 15	< 0.1	2.5	< 3	18	< 0.5	0.03	1.8	< 0.5	74	< 1	24	19.4	33	13	3.3
303695	< 5	1.25	14	0.98	862	0.72	0.083	< 15	2.0	13.4	< 3	97	< 0.5	0.31	3.5	2.6	167	< 1	9	13.0	27	9	1.9
303696	< 5	0.25	8	1.29	9740	0.02	0.038	< 15	0.9	1.8	< 3	11	< 0.5	0.08	4.6	3.0	120	< 1	17	33.4	67	14	3.7
303697	< 5	0.05	6	0.58	9670	0.02	0.045	< 15	< 0.1	1.3	< 3	9	< 0.5	0.01	< 0.2	< 0.5	35	< 1	14	9.4	15	< 5	1.9
303698	< 5	0.12	2	0.59	10400	0.11	0.071	< 15	0.4	2.8	< 3	17	< 0.5	0.10	2.9	< 0.5	56	< 1	12	13.0	26	< 5	2.4
303699	< 5	0.21	3	0.43	10900	0.17	0.085	< 15	< 0.1	3.7	< 3	30	< 0.5	0.15	2.6	< 0.5	65	< 1	12	13.8	44	14	2.6
303700	< 5	0.29	2	0.30	7020	0.28	0.091	< 15	0.4	2.3	< 3	38	< 0.5	0.11	3.4	< 0.5	53	< 1	7	16.6	40	12	2.0

Results

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
304401	< 0.01	< 0.5	1.1	0.21	37.6
304402	< 0.01	< 0.5	1.6	0.52	27.5
304403	< 0.01	< 0.5	0.8	0.17	25.6
304404	< 0.01	< 0.5	1.4	0.25	36.5
304405	< 0.01	< 0.5	1.3	0.34	26.1
304406	< 0.01	< 0.5	1.1	0.29	31.7
304407	< 0.01	< 0.5	0.6	0.15	28.6
304408	< 0.01	< 0.5	1.2	0.17	27.0
304409	< 0.01	< 0.5	1.2	0.23	28.6
304410	< 0.01	< 0.5	1.0	0.19	26.2
304411	< 0.01	< 0.5	1.9	0.34	24.4
304412	< 0.01	< 0.5	1.0	0.15	35.5
304413	< 0.01	< 0.5	1.0	0.27	30.1
304414	< 0.01	< 0.5	1.0	0.14	26.7
304415	< 0.01	< 0.5	1.3	0.21	27.2
304416	< 0.01	< 0.5	< 0.2	< 0.05	27.1
304417	< 0.01	< 0.5	1.1	0.30	28.6
304418	< 0.01	< 0.5	1.0	0.27	31.2
304419	< 0.01	< 0.5	0.9	0.18	27.0
304420	< 0.01	< 0.5	1.2	0.26	28.1
304421	< 0.01	< 0.5	1.2	0.23	28.3
304422	< 0.01	< 0.5	1.5	0.28	25.8
304423	< 0.01	< 0.5	1.2	0.20	31.5
304424	< 0.01	< 0.5	1.2	0.29	19.5
304425	< 0.01	< 0.5	1.2	0.23	27.1
303976	< 0.01	< 0.5	1.0	0.24	28.4
303977	< 0.01	< 0.5	0.6	0.10	32.0
303978	< 0.01	< 0.5	1.3	0.40	25.7
303979	< 0.01	< 0.5	1.5	0.35	27.6
303980	< 0.01	< 0.5	0.8	0.20	29.5
303981	< 0.01	< 0.5	0.8	0.26	24.5
303982	< 0.01	< 0.5	0.9	0.12	21.5
303983	< 0.01	< 0.5	1.9	0.41	21.0
303984	< 0.01	< 0.5	2.6	0.49	26.1
303985	< 0.01	< 0.5	1.2	0.24	23.5
303986	< 0.01	< 0.5	1.3	0.22	19.8
303987	< 0.01	< 0.5	0.7	0.22	34.9
303988	< 0.01	< 0.5	1.2	0.30	20.9
303989	< 0.01	< 0.5	0.9	0.19	27.5
303990	< 0.01	< 0.5	0.8	0.21	24.9
303991	< 0.01	< 0.5	0.4	0.06	34.0
303992	< 0.01	< 0.5	1.8	0.34	23.4
303993	< 0.01	< 0.5	1.3	0.25	23.8
303994	< 0.01	< 0.5	1.5	0.21	26.0
303995	< 0.01	< 0.5	1.0	0.30	27.0
303996	< 0.01	< 0.5	0.7	0.10	39.1
303997	< 0.01	< 0.5	0.9	0.23	26.0
303998	< 0.01	< 0.5	1.5	0.34	26.2
303999	< 0.01	< 0.5	1.2	0.34	32.0

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
304000	< 0.01	< 0.5	1.1	0.28	24.6
303801	< 0.01	< 0.5	1.0	0.20	33.3
303802	< 0.01	< 0.5	1.3	0.24	30.2
303803	< 0.01	< 0.5	1.3	0.20	29.8
303804	< 0.01	< 0.5	1.1	0.33	34.2
303805	< 0.01	< 0.5	1.6	0.33	31.9
303806	< 0.01	< 0.5	1.5	0.62	23.5
303807	< 0.01	< 0.5	1.1	0.29	28.6
303808	< 0.01	< 0.5	1.0	0.21	33.6
303809	< 0.01	< 0.5	1.6	0.29	36.5
303810	< 0.01	< 0.5	0.9	0.21	35.7
303811	< 0.01	< 0.5	2.5	0.51	36.0
303812	< 0.01	< 0.5	1.0	0.23	34.4
303813	< 0.01	< 0.5	0.7	0.14	35.0
303814	< 0.01	< 0.5	0.7	0.12	35.8
303815	< 0.01	< 0.5	0.5	0.13	33.2
303816	< 0.01	< 0.5	0.8	0.22	33.5
303817	< 0.01	< 0.5	1.5	0.09	28.1
303818	< 0.01	< 0.5	1.6	0.10	27.5
303819	< 0.01	< 0.5	1.1	< 0.05	29.1
303820	< 0.01	< 0.5	0.7	0.07	39.0
303821	< 0.01	< 0.5	2.5	0.13	27.6
303822	< 0.01	< 0.5	1.6	0.06	31.0
303823	< 0.01	< 0.5	0.8	0.06	36.1
303824	< 0.01	< 0.5	2.0	0.09	38.4
303825	< 0.01	< 0.5	0.8	< 0.05	33.8
303526	< 0.01	< 0.5	1.3	0.10	29.9
303527	< 0.01	< 0.5	2.2	0.08	23.4
303528	< 0.01	< 0.5	< 0.2	< 0.05	21.6
303529	< 0.01	< 0.5	0.6	< 0.05	42.7
303530	< 0.01	< 0.5	< 0.2	< 0.05	23.2
303531	< 0.01	< 0.5	0.9	< 0.05	29.1
303532	< 0.01	< 0.5	1.5	< 0.05	29.4
303533	< 0.01	< 0.5	1.4	0.08	32.7
303534	< 0.01	< 0.5	< 0.2	< 0.05	42.8
303535	< 0.01	< 0.5	1.4	0.16	34.9
303536	< 0.01	< 0.5	1.1	0.09	30.7
303537	< 0.01	< 0.5	1.5	0.06	28.7
303538	< 0.01	< 0.5	1.6	0.09	31.2
303539	< 0.01	< 0.5	1.2	0.07	24.6
303540	< 0.01	< 0.5	1.4	0.09	25.4
303541	< 0.01	< 0.5	1.2	0.09	24.8
303542	< 0.01	0.8	1.9	0.10	31.4
303543	< 0.01	< 0.5	2.4	0.10	26.8
303544	< 0.01	< 0.5	1.8	0.08	24.5
303545	< 0.01	< 0.5	1.2	0.05	29.8
303546	< 0.01	< 0.5	1.4	0.11	24.6
303547	< 0.01	< 0.5	1.0	0.07	28.9
303548	< 0.01	< 0.5	1.3	0.07	32.2
303549	< 0.01	< 0.5	1.8	0.08	30.7

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
303550	< 0.01	< 0.5	2.9	0.18	27.3
304251	< 0.01	< 0.5	1.0	< 0.05	25.1
304252	< 0.01	< 0.5	1.1	< 0.05	30.2
304253	< 0.01	< 0.5	1.0	< 0.05	24.7
304254	< 0.01	< 0.5	1.3	< 0.05	25.5
304255	< 0.01	< 0.5	1.1	0.06	26.0
304256	< 0.01	< 0.5	1.0	< 0.05	34.8
304257	< 0.01	< 0.5	1.1	0.06	25.4
304258	< 0.01	< 0.5	1.0	< 0.05	18.3
304259	< 0.01	< 0.5	1.0	< 0.05	25.5
304260	< 0.01	< 0.5	1.0	0.07	21.7
304261	< 0.01	< 0.5	1.3	< 0.05	29.4
304262	< 0.01	< 0.5	1.3	< 0.05	28.6
304263	< 0.01	< 0.5	1.3	< 0.05	31.7
304264	< 0.01	< 0.5	1.0	0.08	27.5
304265	< 0.01	< 0.5	1.0	< 0.05	28.7
304266	< 0.01	< 0.5	1.4	< 0.05	21.1
304267	< 0.01	< 0.5	1.1	0.07	24.9
304268	< 0.01	< 0.5	1.2	< 0.05	32.5
304269	< 0.01	< 0.5	1.5	0.09	31.3
304270	< 0.01	< 0.5	1.3	0.08	32.1
304271	< 0.01	< 0.5	1.2	0.05	27.8
304272	< 0.01	< 0.5	1.1	0.06	29.6
304273	< 0.01	< 0.5	1.1	0.07	28.6
304274	< 0.01	< 0.5	1.4	0.08	30.6
304275	< 0.01	< 0.5	1.5	0.09	27.5
303501	< 0.01	< 0.5	1.3	0.08	20.8
303502	< 0.01	< 0.5	1.3	< 0.05	22.5
303503	< 0.01	< 0.5	1.5	0.10	26.7
303504	< 0.01	< 0.5	2.3	0.10	22.1
303505	< 0.01	1.4	1.6	0.08	25.6
303506	< 0.01	< 0.5	2.6	0.16	25.0
303507	< 0.01	0.6	2.1	0.08	23.7
303508	< 0.01	< 0.5	1.2	0.17	32.1
303509	< 0.01	< 0.5	1.0	0.12	20.1
303510	< 0.01	< 0.5	1.3	0.19	26.6
303511	< 0.01	< 0.5	0.8	0.06	23.3
303512	< 0.01	< 0.5	1.3	0.14	27.2
303513	< 0.01	< 0.5	1.0	0.12	26.0
303514	< 0.01	< 0.5	0.6	0.08	28.0
303515	< 0.01	< 0.5	0.6	< 0.05	30.2
303516	< 0.01	< 0.5	1.0	0.10	28.9
303517	< 0.01	< 0.5	1.0	< 0.05	29.6
303518	< 0.01	< 0.5	1.1	0.14	29.5
303519	< 0.01	< 0.5	1.6	0.12	23.3
303520	< 0.01	< 0.5	1.2	0.09	28.9
303521	< 0.01	< 0.5	0.9	0.14	41.3
303522	< 0.01	< 0.5	1.2	0.23	27.1
303523	< 0.01	< 0.5	1.1	0.13	5.73
303524	< 0.01	< 0.5	1.7	0.25	26.3

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
303525	< 0.01	< 0.5	2.2	0.21	22.5
304276	< 0.01	< 0.5	1.2	0.06	29.4
304277	< 0.01	< 0.5	1.0	0.12	31.7
304278	< 0.01	< 0.5	0.9	0.11	24.4
304279	< 0.01	< 0.5	0.9	0.13	31.3
304280	< 0.01	< 0.5	0.9	0.11	29.4
304281	< 0.01	< 0.5	1.2	0.10	20.9
304282	< 0.01	< 0.5	1.0	0.11	27.5
304283	< 0.01	< 0.5	0.9	0.09	32.9
304284	< 0.01	< 0.5	1.7	0.25	27.6
304285	< 0.01	< 0.5	1.6	0.20	32.1
304286	< 0.01	< 0.5	1.6	0.25	23.1
304287	< 0.01	< 0.5	1.0	0.10	32.2
304288	< 0.01	< 0.5	1.7	0.17	27.3
304289	< 0.01	< 0.5	0.6	0.10	29.6
304290	< 0.01	< 0.5	1.0	0.15	35.4
304291	< 0.01	< 0.5	1.1	0.09	31.5
304292	< 0.01	< 0.5	0.8	0.08	40.9
304293	< 0.01	< 0.5	0.7	0.07	32.1
304294	< 0.01	< 0.5	0.9	< 0.05	26.9
304295	< 0.01	< 0.5	3.6	0.43	14.9
304296	< 0.01	< 0.5	1.3	0.13	15.6
304297	< 0.01	< 0.5	0.9	0.15	21.8
304298	< 0.01	< 0.5	1.2	0.14	27.2
304299	< 0.01	< 0.5	1.1	0.19	30.9
304300	< 0.01	< 0.5	2.0	0.13	25.3
303651	< 0.01	< 0.5	1.1	0.09	20.2
303653	< 0.01	< 0.5	0.9	0.14	26.8
303654	< 0.01	< 0.5	1.0	0.11	27.4
303655	< 0.01	< 0.5	0.9	0.19	21.4
303656	< 0.01	< 0.5	1.2	0.11	26.1
303657	< 0.01	< 0.5	1.0	0.14	26.5
303658	< 0.01	< 0.5	1.5	0.19	23.3
303659	< 0.01	< 0.5	2.6	0.32	21.3
303660	< 0.01	< 0.5	1.3	0.09	27.4
303661	< 0.01	< 0.5	1.0	< 0.05	23.6
303662	< 0.01	< 0.5	0.9	0.07	23.2
303663	< 0.01	< 0.5	1.4	0.11	21.1
303664	< 0.01	< 0.5	0.7	0.06	26.8
303665	< 0.01	< 0.5	1.3	0.26	18.4
303666	< 0.01	< 0.5	0.8	0.09	17.0
303667	< 0.01	< 0.5	1.0	< 0.05	16.5
303668	< 0.01	< 0.5	1.3	0.07	17.3
303669	< 0.01	< 0.5	1.4	0.16	24.3
303670	< 0.01	< 0.5	1.9	0.20	25.2
303671	< 0.01	< 0.5	0.8	0.08	31.4
303672	< 0.01	< 0.5	1.0	0.11	20.8
303673	< 0.01	< 0.5	1.0	0.07	28.2
303674	< 0.01	< 0.5	1.2	0.17	32.0
303675	< 0.01	< 0.5	0.4	< 0.05	31.8

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
304551	< 0.01	< 0.5	2.3	0.13	26.8
304552	< 0.01	< 0.5	2.0	0.09	26.8
304553	< 0.01	< 0.5	2.1	0.10	28.7
304554	< 0.01	< 0.5	0.7	< 0.05	35.0
304555	< 0.01	< 0.5	1.5	0.08	24.9
304556	< 0.01	< 0.5	0.7	< 0.05	30.7
304557	< 0.01	< 0.5	1.2	0.06	20.4
304558	< 0.01	< 0.5	1.4	0.07	32.3
304559	< 0.01	< 0.5	0.4	< 0.05	39.6
304560	< 0.01	< 0.5	0.8	< 0.05	37.0
304561	< 0.01	< 0.5	1.5	0.06	27.7
304562	< 0.01	< 0.5	1.0	< 0.05	30.3
304563	< 0.01	0.5	1.9	0.08	24.2
304564	< 0.01	< 0.5	2.9	0.18	23.8
304565	< 0.01	< 0.5	1.1	0.08	26.2
304566	< 0.01	< 0.5	1.0	< 0.05	31.1
304567	< 0.01	< 0.5	1.2	0.05	27.4
304568	< 0.01	< 0.5	1.8	0.10	24.5
304569	< 0.01	< 0.5	1.2	0.05	39.7
304570	< 0.01	< 0.5	0.7	< 0.05	40.3
304571	< 0.01	< 0.5	1.3	0.07	24.2
304572	< 0.01	< 0.5	1.7	0.10	26.3
304573	< 0.01	< 0.5	1.2	0.07	34.4
304574	< 0.01	< 0.5	1.3	0.06	21.6
304575	< 0.01	< 0.5	0.8	< 0.05	27.2
303951	< 0.01	< 0.5	1.2	0.08	27.8
303952	< 0.01	< 0.5	0.7	< 0.05	38.3
303953	< 0.01	< 0.5	1.2	0.08	34.6
303954	< 0.01	< 0.5	1.2	< 0.05	36.1
303955	< 0.01	< 0.5	0.9	< 0.05	31.3
303956	< 0.01	< 0.5	1.2	< 0.05	31.2
303957	< 0.01	< 0.5	0.9	< 0.05	33.7
303958	< 0.01	< 0.5	1.5	0.06	32.3
303959	< 0.01	< 0.5	1.3	< 0.05	30.6
303960	< 0.01	< 0.5	0.9	< 0.05	32.4
303961	< 0.01	< 0.5	0.8	< 0.05	27.2
303962	< 0.01	< 0.5	0.9	0.06	24.5
303963	< 0.01	< 0.5	1.0	0.08	27.6
303964	< 0.01	< 0.5	1.8	0.11	22.5
303965	0.03	< 0.5	1.5	0.14	27.7
303966	< 0.01	< 0.5	1.4	0.09	18.4
303967	< 0.01	< 0.5	< 0.2	< 0.05	27.0
303968	< 0.01	< 0.5	1.0	0.05	29.4
303969	< 0.01	< 0.5	1.2	< 0.05	28.8
303970	< 0.01	< 0.5	1.3	< 0.05	28.3
303971	< 0.01	< 0.5	0.8	< 0.05	33.3
303972	< 0.01	< 0.5	1.1	< 0.05	33.1
303973	< 0.01	< 0.5	0.8	< 0.05	41.0
303974	< 0.01	< 0.5	1.0	< 0.05	34.1
303975	< 0.01	< 0.5	0.8	0.06	26.6

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
304426	0.03	< 0.5	1.2	< 0.05	30.6
304427	< 0.01	< 0.5	1.4	< 0.05	29.8
304428	< 0.01	< 0.5	1.2	< 0.05	26.7
304429	< 0.01	< 0.5	1.2	0.08	29.1
304430	< 0.01	< 0.5	1.5	0.05	30.4
304431	< 0.01	< 0.5	1.4	< 0.05	30.2
304432	< 0.01	< 0.5	1.1	0.07	30.1
304433	< 0.01	< 0.5	0.8	0.05	30.4
304434	< 0.01	< 0.5	1.2	< 0.05	29.6
304435	< 0.01	< 0.5	1.2	< 0.05	30.5
304436	< 0.01	< 0.5	1.2	0.08	30.6
304437	< 0.01	< 0.5	0.9	< 0.05	32.7
304438	< 0.01	< 0.5	1.4	0.07	31.7
304439	< 0.01	< 0.5	1.2	0.05	30.6
304440	< 0.01	< 0.5	1.2	0.08	30.4
304441	< 0.01	< 0.5	< 0.2	0.08	31.0
304442	< 0.01	< 0.5	1.6	0.08	30.1
304443	< 0.01	< 0.5	2.9	0.14	30.5
304444	< 0.01	< 0.5	2.4	0.08	24.6
304445	< 0.01	< 0.5	1.3	0.08	32.3
304446	< 0.01	< 0.5	1.6	0.06	32.8
304447	< 0.01	< 0.5	1.3	0.06	33.0
304448	< 0.01	< 0.5	1.0	< 0.05	32.0
304449	< 0.01	< 0.5	1.4	< 0.05	29.0
304450	< 0.01	< 0.5	0.8	0.05	29.7
303826	< 0.01	< 0.5	1.3	0.11	27.7
303827	< 0.01	< 0.5	1.8	0.08	29.8
303828	< 0.01	< 0.5	1.7	0.10	30.1
303829	< 0.01	< 0.5	1.4	0.06	26.4
303830	< 0.01	< 0.5	1.3	0.06	32.9
303831	< 0.01	0.8	2.3	0.12	32.9
303832	< 0.01	< 0.5	1.8	0.10	28.7
303833	< 0.01	< 0.5	0.8	< 0.05	31.0
303834	< 0.01	< 0.5	0.9	< 0.05	21.3
303835	< 0.01	< 0.5	1.0	< 0.05	31.4
303836	< 0.01	< 0.5	1.0	0.06	32.0
303837	< 0.01	< 0.5	0.8	0.06	30.8
303838	< 0.01	< 0.5	0.8	0.05	36.1
303839	< 0.01	< 0.5	0.7	0.06	31.6
303840	< 0.01	< 0.5	0.9	< 0.05	30.7
303841	< 0.01	< 0.5	0.7	< 0.05	17.4
303842	< 0.01	< 0.5	1.3	0.08	23.0
303843	< 0.01	< 0.5	1.4	0.08	16.5
303844	< 0.01	< 0.5	0.6	0.05	27.3
303845	< 0.01	< 0.5	1.4	0.10	31.0
303846	< 0.01	< 0.5	1.4	0.10	34.6
303847	< 0.01	< 0.5	2.4	0.09	29.9
303848	< 0.01	< 0.5	1.3	0.06	25.3
303849	< 0.01	< 0.5	1.4	0.09	27.1
303850	< 0.01	< 0.5	0.7	< 0.05	36.6

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
304576	< 0.01	< 0.5	1.6	0.09	29.8
304577	< 0.01	< 0.5	1.0	0.08	30.2
304578	< 0.01	< 0.5	2.5	0.16	30.7
304579	< 0.01	< 0.5	2.6	0.18	31.7
304580	< 0.01	< 0.5	1.5	0.09	30.0
304581	< 0.01	< 0.5	1.0	0.08	34.4
304582	< 0.01	< 0.5	1.1	0.11	29.5
304583	< 0.01	< 0.5	1.2	0.09	24.7
304584	< 0.01	< 0.5	0.9	0.08	30.9
304585	< 0.01	< 0.5	1.4	0.08	27.2
304586	< 0.01	< 0.5	2.3	0.18	29.1
304587	< 0.01	< 0.5	1.5	0.09	29.8
304588	< 0.01	< 0.5	1.0	0.05	28.7
304589	< 0.01	< 0.5	0.5	< 0.05	30.7
304590	< 0.01	< 0.5	1.9	0.14	32.8
304591	< 0.01	< 0.5	0.6	0.07	37.1
304592	< 0.01	< 0.5	2.1	0.18	29.6
304593	< 0.01	< 0.5	1.2	0.07	29.2
304594	< 0.01	0.9	3.6	0.19	30.0
304595	< 0.01	< 0.5	2.0	0.12	30.1
304596	< 0.01	< 0.5	1.1	0.06	38.9
304597	< 0.01	< 0.5	1.0	0.11	25.8
304598	< 0.01	< 0.5	1.7	0.12	33.2
304599	< 0.01	< 0.5	1.3	0.05	27.6
304600	< 0.01	< 0.5	1.4	0.07	17.8
304876	< 0.01	< 0.5	1.4	0.06	31.5
304877	< 0.01	< 0.5	0.7	0.08	32.3
304878	< 0.01	< 0.5	0.9	0.07	29.6
304879	< 0.01	0.5	0.6	0.06	34.5
304880	< 0.01	< 0.5	1.1	0.05	27.8
304881	< 0.01	< 0.5	1.2	0.14	28.6
304882	< 0.01	< 0.5	2.4	0.29	26.1
304883	< 0.01	< 0.5	1.3	0.08	30.1
304884	< 0.01	< 0.5	1.4	0.10	28.2
304885	< 0.01	< 0.5	2.4	0.19	30.1
304886	< 0.01	< 0.5	3.4	0.36	30.4
304887	< 0.01	< 0.5	1.6	0.09	34.6
304888	< 0.01	< 0.5	0.8	0.08	42.6
304889	< 0.01	< 0.5	1.8	0.26	28.8
304890	< 0.01	< 0.5	1.3	0.09	35.3
304891	< 0.01	< 0.5	2.0	0.17	29.5
304892	< 0.01	< 0.5	1.6	0.13	29.4
304893	< 0.01	< 0.5	1.4	0.06	28.6
304894	< 0.01	< 0.5	1.6	0.14	29.3
304895	< 0.01	< 0.5	1.4	0.09	26.2
304896	< 0.01	< 0.5	0.9	0.12	29.6
304897	< 0.01	< 0.5	0.6	0.10	23.1
304898	< 0.01	< 0.5	1.6	0.14	30.6
304899	< 0.01	< 0.5	0.9	0.08	31.1
304900	< 0.01	< 0.5	2.9	0.25	28.2

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
304851	< 0.01	< 0.5	0.9	0.07	39.4
304852	< 0.01	< 0.5	0.9	0.08	37.8
304853	< 0.01	< 0.5	0.8	0.10	7.32
304854	< 0.01	< 0.5	1.3	0.09	28.3
304855	< 0.01	< 0.5	1.2	0.15	36.2
304856	0.10	< 0.5	1.2	0.08	33.3
304857	< 0.01	< 0.5	1.3	0.07	28.2
304858	< 0.01	< 0.5	0.8	0.05	22.3
304859	< 0.01	< 0.5	1.4	0.15	29.6
304860	< 0.01	< 0.5	1.0	0.09	27.8
304861	< 0.01	< 0.5	1.6	0.09	28.9
304862	< 0.01	< 0.5	2.6	0.25	27.9
304863	< 0.01	< 0.5	2.2	0.22	29.7
304864	< 0.01	< 0.5	1.3	0.09	31.9
304865	< 0.01	< 0.5	1.2	0.09	37.8
304866	< 0.01	< 0.5	0.9	0.06	31.4
304867	< 0.01	< 0.5	0.9	0.08	33.7
304868	< 0.01	< 0.5	1.8	0.14	30.5
304869	< 0.01	< 0.5	0.8	0.08	36.3
304870	< 0.01	< 0.5	1.2	0.16	8.99
304871	< 0.01	< 0.5	0.8	0.14	6.55
304872	< 0.01	< 0.5	< 0.2	< 0.05	7.83
304873	< 0.01	< 0.5	1.2	0.13	21.8
304874	< 0.01	< 0.5	1.1	0.10	25.0
304875	< 0.01	< 0.5	< 0.2	0.05	9.24
375976	< 0.01	< 0.5	1.5	0.14	7.68
375977	< 0.01	< 0.5	1.0	0.09	30.5
375978	< 0.01	< 0.5	0.6	0.05	31.1
375979	< 0.01	< 0.5	1.1	0.15	5.77
375980	< 0.01	< 0.5	1.0	0.11	23.3
375981	< 0.01	< 0.5	2.4	0.18	21.9
375982	< 0.01	< 0.5	1.5	0.13	5.62
375983	< 0.01	< 0.5	1.3	0.12	24.2
375984	< 0.01	< 0.5	2.0	0.21	25.0
375985	< 0.01	< 0.5	1.0	0.07	23.1
375986	< 0.01	< 0.5	2.7	0.37	19.4
375987	< 0.01	< 0.5	1.3	0.15	27.5
375988	< 0.01	< 0.5	1.0	0.18	32.2
375989	< 0.01	< 0.5	2.0	0.16	28.7
375990	0.09	< 0.5	1.7	0.17	31.1
375991	< 0.01	< 0.5	1.4	0.16	28.6
375992	< 0.01	< 0.5	0.8	< 0.05	5.45
375993	< 0.01	< 0.5	0.3	0.07	38.6
375994	< 0.01	< 0.5	0.8	0.05	19.0
375995	< 0.01	< 0.5	0.6	0.07	24.6
375996	< 0.01	< 0.5	1.0	0.08	29.6
375997	< 0.01	0.6	1.2	0.09	30.4
375998	< 0.01	< 0.5	3.2	0.17	28.8
375999	< 0.01	< 0.5	1.5	0.09	29.7
376000	< 0.01	0.9	3.2	0.13	23.2

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
375951	< 0.01	< 0.5	1.8	0.06	28.0
375952	< 0.01	< 0.5	2.5	0.14	26.5
375953	< 0.01	< 0.5	1.2	0.07	32.6
375954	< 0.01	< 0.5	1.5	< 0.05	21.6
375955	< 0.01	< 0.5	1.3	< 0.05	28.3
375956	< 0.01	< 0.5	1.5	0.06	21.2
375957	< 0.01	< 0.5	0.8	< 0.05	28.6
375958	< 0.01	< 0.5	1.0	0.06	24.4
375959	< 0.01	< 0.5	1.2	< 0.05	23.7
375960	< 0.01	< 0.5	1.0	0.06	30.8
375961	< 0.01	< 0.5	1.4	0.10	26.6
375962	< 0.01	< 0.5	1.0	< 0.05	29.5
375963	< 0.01	< 0.5	1.1	0.06	30.4
375964	< 0.01	< 0.5	1.2	0.09	26.1
375965	< 0.01	< 0.5	1.0	0.07	25.2
375966	< 0.01	< 0.5	1.3	0.09	25.1
375967	< 0.01	< 0.5	1.4	0.06	31.5
375968	< 0.01	< 0.5	2.9	0.15	29.4
375969	< 0.01	< 0.5	< 0.2	< 0.05	7.63
375970	< 0.01	< 0.5	1.1	< 0.05	22.7
375971	< 0.01	< 0.5	1.1	0.07	27.8
375972	< 0.01	< 0.5	1.8	0.12	22.8
375973	< 0.01	< 0.5	1.0	0.08	5.57
375974	< 0.01	< 0.5	1.4	0.20	7.02
375975	< 0.01	< 0.5	1.2	0.08	5.27
376001	< 0.01	< 0.5	1.4	0.09	31.2
376002	< 0.01	< 0.5	0.9	< 0.05	24.8
376003	< 0.01	< 0.5	1.5	0.09	28.7
376004	< 0.01	< 0.5	1.7	0.09	37.8
376005	< 0.01	< 0.5	0.7	< 0.05	17.7
376006	< 0.01	< 0.5	0.4	< 0.05	39.7
376007	< 0.01	< 0.5	1.9	0.17	28.3
376008	< 0.01	< 0.5	1.3	0.15	26.4
376009	< 0.01	< 0.5	0.9	< 0.05	26.4
376010	< 0.01	< 0.5	1.8	0.17	27.9
376011	< 0.01	< 0.5	2.2	0.51	6.96
376012	< 0.01	< 0.5	1.2	0.16	21.7
376013	< 0.01	< 0.5	1.8	0.21	22.8
376014	< 0.01	< 0.5	1.3	0.21	28.0
376015	< 0.01	< 0.5	1.1	0.12	5.23
376016	< 0.01	< 0.5	2.3	0.19	24.9
376017	< 0.01	< 0.5	1.2	0.20	6.64
376018	< 0.01	< 0.5	1.4	0.10	24.2
376019	< 0.01	< 0.5	1.0	0.08	30.3
376020	< 0.01	< 0.5	1.0	0.05	27.7
376021	< 0.01	< 0.5	0.7	0.06	28.0
376022	< 0.01	< 0.5	0.9	0.10	21.4
376023	< 0.01	< 0.5	0.6	< 0.05	32.3
376024	< 0.01	< 0.5	1.0	< 0.05	28.9
376025	< 0.01	< 0.5	1.1	0.15	33.2

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
376026	< 0.01	< 0.5	0.7	0.05	24.1
376027	< 0.01	< 0.5	1.2	0.11	28.9
376028	< 0.01	< 0.5	0.8	< 0.05	28.9
376101	< 0.01	< 0.5	1.2	0.09	29.5
376102	< 0.01	< 0.5	1.5	0.10	29.3
376103	< 0.01	< 0.5	1.1	0.07	27.7
376104	< 0.01	< 0.5	1.2	0.06	37.7
376105	< 0.01	< 0.5	1.5	0.10	26.9
376106	< 0.01	1.0	2.8	0.21	23.1
376107	< 0.01	< 0.5	1.4	0.14	7.41
376108	< 0.01	< 0.5	0.9	0.08	32.6
376109	< 0.01	< 0.5	1.2	0.09	23.5
376110	< 0.01	< 0.5	1.4	0.11	25.5
376111	< 0.01	< 0.5	0.7	< 0.05	26.6
376112	< 0.01	< 0.5	0.8	< 0.05	31.5
376113	< 0.01	< 0.5	1.0	< 0.05	27.1
376114	< 0.01	< 0.5	0.8	< 0.05	27.5
376115	< 0.01	< 0.5	0.8	< 0.05	27.8
376116	< 0.01	< 0.5	0.7	< 0.05	40.1
376117	< 0.01	< 0.5	0.8	< 0.05	36.8
376118	< 0.01	< 0.5	1.0	< 0.05	27.2
376119	< 0.01	< 0.5	0.3	< 0.05	36.0
376120	< 0.01	< 0.5	< 0.2	< 0.05	38.3
376121	< 0.01	< 0.5	0.7	< 0.05	37.4
303676	< 0.01	< 0.5	0.9	0.16	23.8
303677	< 0.01	< 0.5	1.4	0.11	31.2
303678	< 0.01	< 0.5	1.0	0.08	34.4
303679	< 0.01	< 0.5	1.2	0.09	30.5
303680	< 0.01	< 0.5	2.3	0.23	34.2
303681	< 0.01	< 0.5	1.5	0.14	26.5
303682	< 0.01	< 0.5	1.8	0.11	27.2
303683	< 0.01	< 0.5	1.4	0.12	25.9
303684	< 0.01	< 0.5	1.3	0.10	28.8
303685	< 0.01	< 0.5	0.5	0.07	36.5
303686	< 0.01	< 0.5	1.2	0.12	24.8
303687	< 0.01	< 0.5	0.9	0.14	26.4
303688	< 0.01	< 0.5	1.0	0.08	28.6
303689	< 0.01	< 0.5	0.3	< 0.05	39.0
303690	< 0.01	< 0.5	0.9	0.09	29.8
303691	< 0.01	< 0.5	1.5	0.25	26.7
303692	< 0.01	< 0.5	1.3	0.17	29.5
303693	< 0.01	< 0.5	1.3	0.10	29.0
303694	< 0.01	< 0.5	2.0	0.14	28.8
303695	< 0.01	< 0.5	1.4	0.09	27.9
303696	< 0.01	< 0.5	2.7	0.25	32.9
303697	< 0.01	< 0.5	1.4	0.10	32.7
303698	< 0.01	< 0.5	1.7	0.17	27.4
303699	< 0.01	< 0.5	1.4	0.19	26.3
303700	< 0.01	< 0.5	0.8	< 0.05	31.2

QC

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas			1110	2.3	14	680			0.24	5.71			1	1380	0.90								
GXR-1 Cert			1110	3.30	18.0	730			0.257	3.52			1.22	1380	0.960								
GXR-1 Meas			1190	3.7	15	758			0.27	2.21			1	1460	0.92								
GXR-1 Cert			1110	3.30	18.0	730			0.257	3.52			1.22	1380	0.960								
GXR-1 Meas			1170	3.7	15	752			0.26	2.21			1	1470	0.91								
GXR-1 Cert			1110	3.30	18.0	730			0.257	3.52			1.22	1380	0.960								
GXR-4 Meas			6520	< 0.3	313	44			1.76	6.52			2	16	1.05								
GXR-4 Cert			6520	0.860	310	52.0			1.77	7.20			1.90	19.0	1.01								
GXR-4 Meas			6340	0.6	298	46			1.78	6.64			2	16	1.06								
GXR-4 Cert			6520	0.860	310	52.0			1.77	7.20			1.90	19.0	1.01								
GXR-4 Meas			6660	0.4	314	50			1.88	7.04			2	16	1.12								
GXR-4 Cert			6520	0.860	310	52.0			1.77	7.20			1.90	19.0	1.01								
GXR-4 Meas			6340	0.5	301	44			1.83	6.90			2	11	1.09								
GXR-4 Cert			6520	0.860	310	52.0			1.77	7.20			1.90	19.0	1.01								
GXR-4 Meas			6740	0.4	324	45			1.95	7.41			2	11	1.16								
GXR-4 Cert			6520	0.860	310	52.0			1.77	7.20			1.90	19.0	1.01								
SDC-1 Meas			35			22				8.52			3		1.09								
SDC-1 Cert			30.000			25.00				8.34			3.00		1.00								
SDC-1 Meas			29			22				8.45			3		1.10								
SDC-1 Cert			30.000			25.00				8.34			3.00		1.00								
SDC-1 Meas			30			23				8.45			3		1.09								
SDC-1 Cert			30.000			25.00				8.34			3.00		1.00								
SDC-1 Meas			30			23				8.67			3		1.14								
SDC-1 Cert			30.000			25.00				8.34			3.00		1.00								
SDC-1 Meas			30			21				8.43			3		1.12								
SDC-1 Cert			30.000			25.00				8.34			3.00		1.00								
GXR-6 Meas			75	< 0.3	2	95			0.02	12.9			1	4	0.17								
GXR-6 Cert			66.0	1.00	2.40	101			0.0160	17.7			1.40	0.290	0.180								
GXR-6 Meas			68	0.4	< 1	96			0.02	13.3			1	< 2	0.17								
GXR-6 Cert			66.0	1.00	2.40	101			0.0160	17.7			1.40	0.290	0.180								
GXR-6 Meas			73	0.6	< 1	96			0.02	14.1			1	< 2	0.19								
GXR-6 Cert			66.0	1.00	2.40	101			0.0160	17.7			1.40	0.290	0.180								
GXR-6 Meas			71	0.6	2	95			0.02	13.6			1	< 2	0.18								
GXR-6 Cert			66.0	1.00	2.40	101			0.0160	17.7			1.40	0.290	0.180								
SAR-M (U.S.G.S.) Meas			349	5.2	6	1040				6.13			3	< 2	0.61								
SAR-M (U.S.G.S.) Cert			331.0000	5.27	13.1	982				6.30			2.20	1.94	0.61								
SAR-M (U.S.G.S.) Meas			331	5.1	4	1050				6.43			3	< 2	0.63								
SAR-M (U.S.G.S.) Cert			331.0000	5.27	13.1	982				6.30			2.20	1.94	0.61								
SAR-M (U.S.G.S.) Meas			345	5.4	11	1110				6.72			3	< 2	0.67								
SAR-M (U.S.G.S.) Cert			331.0000	5.27	13.1	982				6.30			2.20	1.94	0.61								
SAR-M (U.S.G.S.) Meas			346	5.5	7	1040				6.49			3	< 2	0.66								
SAR-M (U.S.G.S.)				5.27	13.1	982				6.30			2.20	1.94	0.61								

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Cert			331.0000																				
SAR-M (U.S.G.S.) Meas			344	5.6	10	1030				6.62			3	< 2	0.66								
SAR-M (U.S.G.S.) Cert			331.0000	5.27	13.1	982				6.30			2.20	1.94	0.61								
DNC-1a Meas			108																				
DNC-1a Cert			100.00																				
DNC-1a Meas			93																				
DNC-1a Cert			100.00																				
DNC-1a Meas			95																				
DNC-1a Cert			100.00																				
DNC-1a Meas			98																				
DNC-1a Cert			100.00																				
DNC-1a Meas			95																				
DNC-1a Cert			100.00																				
SBC-1 Meas			38	< 0.3	2	29							3	3									
SBC-1 Cert			31.0000	0.40	2.40	35.0							3.20	0.70									
SBC-1 Meas			29	0.4	1	28							3	2									
SBC-1 Cert			31.0000	0.40	2.40	35.0							3.20	0.70									
SBC-1 Meas			32	0.6	2	29							3	< 2									
SBC-1 Cert			31.0000	0.40	2.40	35.0							3.20	0.70									
SBC-1 Meas			31	0.4	2	29							3	< 2									
SBC-1 Cert			31.0000	0.40	2.40	35.0							3.20	0.70									
SBC-1 Meas			31	0.5	2	27							3	< 2									
SBC-1 Cert			31.0000	0.40	2.40	35.0							3.20	0.70									
OREAS 45d (4-Acid) Meas			400		2	19			0.05	8.15			< 1	< 2	0.20								
OREAS 45d (4-Acid) Cert			371.0		2.500	21.8			0.049	8.150			0.79	0.31	0.185								
DMMAS 117 Meas	1720										1780	< 50					41	68			3.41		
DMMAS 117 Cert	1718										1745	1228					42	76			3.11		
DMMAS 117 Meas	1670										1780	1060					45	67			3.15		
DMMAS 117 Cert	1718										1745	1228					42	76			3.11		
DMMAS 117 Meas	1620										1650	1070					38	71			3.30		
DMMAS 117 Cert	1718										1745	1228					42	76			3.11		
DMMAS 117 Meas	1720										1680	1510					41	70			3.27		
DMMAS 117 Cert	1718										1745	1228					42	76			3.11		
DMMAS 117 Meas	1710										1690	1140					46	68			3.27		
DMMAS 117 Cert	1718										1745	1228					42	76			3.11		
DMMAS 117 Meas	1790										1790	1070					44	72			3.36		
DMMAS 117 Cert	1718										1745	1228					42	76			3.11		
DMMAS 117 Meas	1730										1820	990					38	74			3.10		
DMMAS 117 Cert	1718										1745	1228					42	76			3.11		
DMMAS 117 Meas	1800										1730	1280					47	77			3.24		
DMMAS 117 Cert	1718										1745	1228					42	76			3.11		
DMMAS 117 Meas	1700										1760	1300					43	79			3.20		
DMMAS 117 Cert	1718										1745	1228					42	76			3.11		
303976 Orig			20	0.5	2	15			0.02	5.27			2	< 2	0.75								
303976 Dup			44	0.6	2	12			0.02	5.19			2	< 2	0.74								
303977 Orig			18	0.4	< 1	4			0.01	0.77			< 1	< 2	0.11								

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
303977 Dup			39	0.5	< 1	4			0.02	0.77			< 1	2	0.11								
303816 Orig			230	1.3	7	23			0.18	2.08			1	3	0.08								
303816 Dup			223	1.2	7	23			0.18	2.01			< 1	3	0.07								
303818 Orig			105	0.8	19	13			0.08	2.23			< 1	< 2	0.05								
303818 Dup			79	0.8	17	13			0.07	2.20			< 1	< 2	0.05								
303546 Orig			75	0.9	3	24			0.06	5.46			1	< 2	1.43								
303546 Dup			73	0.8	2	23			0.06	5.33			1	< 2	1.40								
304259 Orig			13	< 0.3	1	11			0.06	6.48			1	< 2	1.87								
304259 Dup			14	< 0.3	< 1	11			0.05	6.65			1	< 2	1.90								
304268 Orig			16	< 0.3	< 1	15			0.02	7.01			1	< 2	1.69								
304268 Dup			15	< 0.3	< 1	15			0.02	6.82			1	< 2	1.65								
303512 Orig			20	< 0.3	1	11			0.02	6.09			2	< 2	1.20								
303512 Dup			21	< 0.3	< 1	11			0.02	6.55			2	< 2	1.23								
304286 Orig			52	0.9	< 1	7			< 0.01	2.87			2	< 2	0.14								
304286 Dup			54	1.0	< 1	7			< 0.01	2.98			3	< 2	0.15								
304289 Orig			10	< 0.3	< 1	13			0.02	7.28			1	< 2	1.10								
304289 Dup			7	< 0.3	< 1	14			0.02	7.35			2	< 2	1.11								
303664 Orig			16	1.1	< 1	7			0.06	0.64			1	2	1.21								
303664 Dup			17	1.3	< 1	7			0.06	0.64			1	3	1.24								
303951 Orig			15	0.3	< 1	14			0.06	6.32			1	< 2	2.03								
303951 Dup			18	< 0.3	< 1	13			0.06	6.37			1	< 2	2.08								
303952 Orig			6	< 0.3	< 1	12			0.02	7.52			2	< 2	1.42								
303952 Dup			6	< 0.3	< 1	14			0.02	7.64			2	< 2	1.43								
304441 Orig			14	< 0.3	< 1	13			0.02	7.54			1	< 2	1.69								
304441 Dup			12	< 0.3	< 1	14			0.02	7.65			1	< 2	1.71								
304443 Orig			718	1.0	< 1	23			0.07	5.79			< 1	< 2	1.20								
304443 Dup			700	0.8	1	22			0.07	5.80			< 1	< 2	1.20								
303846 Orig			54	0.7	1	9			0.04	0.51			< 1	2	0.21								
303846 Dup			54	0.5	< 1	7			0.04	0.50			< 1	2	0.20								
304584 Orig			10	0.9	< 1	11			0.04	0.54			< 1	< 2	0.20								
304584 Dup			11	1.0	< 1	12			0.04	0.55			< 1	2	0.21								
304593 Orig			78	0.6	8	86			0.07	5.19			1	< 2	1.00								
304593 Dup			79	0.8	8	85			0.07	5.23			1	< 2	1.01								
304887 Orig			21	< 0.3	< 1	13			0.01	6.34			1	< 2	1.64								
304887 Dup			20	< 0.3	< 1	13			0.01	7.02			2	< 2	1.62								
304861 Orig			15	< 0.3	< 1	15			0.02	7.35			2	< 2	1.63								
304861 Dup			16	< 0.3	< 1	15			0.02	7.37			2	< 2	1.65								
304864 Orig			12	< 0.3	< 1	14			0.02	7.08			2	< 2	1.41								
304864 Dup			11	< 0.3	< 1	13			0.01	7.00			2	< 2	1.44								
375962 Orig			69	1.2	< 1	130			0.51	0.68			< 1	3	2.25								
375962 Dup			75	1.1	< 1	122			0.50	0.69			< 1	3	2.26								
375975 Orig			44	1.1	5	17			0.08	6.00			1	< 2	1.08								
375975 Dup			58	1.1	4	16			0.08	5.99			1	< 2	1.10								
376002 Orig			154	0.9	18	21			0.10	3.16			1	2	0.63								
376002 Dup			150	0.8	17	21			0.10	3.11			1	< 2	0.60								
376012 Orig			12	1.8	5	12			0.57	0.23			< 1	5	0.35								
376012 Dup			12	2.0	4	13			0.57	0.22			< 1	5	0.36								
376113 Orig			11	0.9	1	12			0.06	0.74			< 1	3	0.77								
376113 Dup			12	0.8	1	12			0.05	0.77			< 1	2	0.78								

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Ca	Br	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.01	0.5	1	2	1	0.2	0.01	1	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
303678 Orig			61	< 0.3	2	7			0.04	0.75			< 1	3	0.03								
303678 Dup			60	< 0.3	1	7			0.04	0.73			< 1	2	0.03								
303680 Orig			63	0.5	1	8			0.07	0.60			< 1	3	0.06								
303680 Dup			68	0.5	2	8			0.06	0.61			< 1	4	0.06								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank	< 2										< 0.5	< 50				< 0.5	< 1	< 2	< 1	< 0.2	< 0.01	< 1	< 1
Method Blank	< 2										< 0.5	< 50				< 0.5	< 1	< 2	< 1	< 0.2	< 0.01	< 1	< 1
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								
Method Blank			< 1	< 0.3	< 1	< 3			< 0.01	< 0.01			< 1	< 2	< 0.01								

QC

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas		0.06	14	0.36	820		0.054					281		0.03			81		27				
GXR-1 Cert		0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0				
GXR-1 Meas		0.05	8	0.21	888		0.062					298		0.03			92		30				
GXR-1 Cert		0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0				
GXR-1 Meas		0.04	8	0.21	875		0.061					293		0.03			92		30				
GXR-1 Cert		0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0				
GXR-4 Meas		2.82	11	1.67	154		0.132					215		0.29			91		14				
GXR-4 Cert		4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0				
GXR-4 Meas		3.92	11	1.69	159		0.135					217		0.29			93		14				
GXR-4 Cert		4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0				
GXR-4 Meas		0.92	12	1.79	156		0.142					222		0.30			97		14				
GXR-4 Cert		4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0				
GXR-4 Meas		4.17	11	1.71	162		0.135					212		0.30			94		14				
GXR-4 Cert		4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0				
GXR-4 Meas		4.46	12	1.82	164		0.144					226		0.31			98		14				
GXR-4 Cert		4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0				
SDC-1 Meas		2.69	34	1.00	906		0.056					179		0.16			44						
SDC-1 Cert		2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00						
SDC-1 Meas		2.66	32	0.99	866		0.057					178		0.14			47						
SDC-1 Cert		2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00						

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
SDC-1 Meas		2.78	33	1.00	863		0.054					179		0.09			38						
SDC-1 Cert		2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00						
SDC-1 Meas		2.82	33	1.01	878		0.056					179		0.08			33						
SDC-1 Cert		2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00						
SDC-1 Meas		2.64	32	1.00	856		0.051					174		0.09			37						
SDC-1 Cert		2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00						
GXR-6 Meas		2.02	32	0.59	1090		0.038					39					189		12				
GXR-6 Cert		1.87	32.0	0.609	1010		0.0350					35.0					186		14.0				
GXR-6 Meas		2.23	31	0.59	1050		0.036					38					137		11				
GXR-6 Cert		1.87	32.0	0.609	1010		0.0350					35.0					186		14.0				
GXR-6 Meas		1.98	34	0.63	1100		0.038					41					155		11				
GXR-6 Cert		1.87	32.0	0.609	1010		0.0350					35.0					186		14.0				
GXR-6 Meas		1.94	33	0.63	1100		0.040					40					204		11				
GXR-6 Cert		1.87	32.0	0.609	1010		0.0350					35.0					186		14.0				
SAR-M (U.S.G.S.) Meas		2.86	28	0.48	5230		0.063					151		0.28			61		34				
SAR-M (U.S.G.S.) Cert		2.94	27.4	0.50	5220		0.07					151		0.38			67.2		28.00				
SAR-M (U.S.G.S.) Meas		3.17	29	0.49	5050		0.059					157		0.23			52		35				
SAR-M (U.S.G.S.) Cert		2.94	27.4	0.50	5220		0.07					151		0.38			67.2		28.00				
SAR-M (U.S.G.S.) Meas		3.69	29	0.51	5350		0.073					166		0.39			74		35				
SAR-M (U.S.G.S.) Cert		2.94	27.4	0.50	5220		0.07					151		0.38			67.2		28.00				
SAR-M (U.S.G.S.) Meas		3.18	30	0.50	5340		0.068					159		0.32			65		34				
SAR-M (U.S.G.S.) Cert		2.94	27.4	0.50	5220		0.07					151		0.38			67.2		28.00				
SAR-M (U.S.G.S.) Meas		3.41	29	0.50	5320		0.071					160		0.40			73		33				
SAR-M (U.S.G.S.) Cert		2.94	27.4	0.50	5220		0.07					151		0.38			67.2		28.00				
DNC-1a Meas			5									130		0.29			143		15				
DNC-1a Cert			5.20									144.0		0.29			148.00		18.0				
DNC-1a Meas			4									130		0.28			142		15				
DNC-1a Cert			5.20									144.0		0.29			148.00		18.0				
DNC-1a Meas			4									131		0.28			144		15				
DNC-1a Cert			5.20									144.0		0.29			148.00		18.0				
DNC-1a Meas			4									133		0.30			149		15				
DNC-1a Cert			5.20									144.0		0.29			148.00		18.0				
DNC-1a Meas			4									126		0.29			141		14				
DNC-1a Cert			5.20									144.0		0.29			148.00		18.0				
SBC-1 Meas			151									177		0.49			221		31				
SBC-1 Cert			163.0									178.0		0.51			220.0		36.5				
SBC-1 Meas			147									177		0.52			223		30				
SBC-1 Cert			163.0									178.0		0.51			220.0		36.5				
SBC-1 Meas			158									190		0.55			239		31				
SBC-1 Cert			163.0									178.0		0.51			220.0		36.5				
SBC-1 Meas			154									183		0.55			231		30				

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
SBC-1 Cert			163.0									178.0		0.51			220.0		36.5				
SBC-1 Meas			146									176		0.53			224		30				
SBC-1 Cert			163.0									178.0		0.51			220.0		36.5				
OREAS 45d (4-Acid) Meas		0.41	22	0.24	525		0.036					32		0.23			126		11				
OREAS 45d (4-Acid) Cert		0.412	21.50	0.245	490.000		0.042					31.30		0.773			235.0		9.53				
DMMAS 117 Meas						2.03			6.2	6.3						9.9				15.7	34		2.2
DMMAS 117 Cert						1.96			6.7	6.6						11.8				15.6	31		2.6
DMMAS 117 Meas						1.78			5.3	5.3						10.9				13.6	35		2.3
DMMAS 117 Cert						1.96			6.7	6.6						11.8				15.6	31		2.6
DMMAS 117 Meas						1.95			5.8	5.7						10.2				15.0	26		2.4
DMMAS 117 Cert						1.96			6.7	6.6						11.8				15.6	31		2.6
DMMAS 117 Meas						1.96			5.9	6.2						11.3				16.2	28		2.1
DMMAS 117 Cert						1.96			6.7	6.6						11.8				15.6	31		2.6
DMMAS 117 Meas						1.74			6.6	5.9						11.8				14.6	36		2.4
DMMAS 117 Cert						1.96			6.7	6.6						11.8				15.6	31		2.6
DMMAS 117 Meas						1.70			7.4	6.3						10.0				16.1	32		2.4
DMMAS 117 Cert						1.96			6.7	6.6						11.8				15.6	31		2.6
DMMAS 117 Meas						2.05			6.9	5.9						10.5				14.6	32		2.3
DMMAS 117 Cert						1.96			6.7	6.6						11.8				15.6	31		2.6
DMMAS 117 Meas						1.84			7.3	6.3						11.7				15.6	28		2.0
DMMAS 117 Cert						1.96			6.7	6.6						11.8				15.6	31		2.6
DMMAS 117 Meas						2.05			5.6	5.8						12.0				17.6	28		2.0
DMMAS 117 Cert						1.96			6.7	6.6						11.8				15.6	31		2.6
303976 Orig		1.61	20	1.02	7840		0.036					157		0.28			103		12				
303976 Dup		1.57	19	1.00	7870		0.036					157		0.28			102		12				
303977 Orig		0.41	4	0.21	9120		0.012					6		0.09			82		5				
303977 Dup		0.41	4	0.21	9240		0.012					6		0.10			82		5				
303816 Orig		0.75	6	0.30	999		0.057					21		0.09			79		4				
303816 Dup		0.73	6	0.29	958		0.054					20		0.09			78		4				
303818 Orig		0.70	11	0.30	853		0.082					15		0.25			134		8				
303818 Dup		0.71	11	0.30	851		0.085					15		0.27			134		8				
303546 Orig		1.70	23	0.86	1580		0.080					151		0.25			85		16				
303546 Dup		1.68	22	0.84	1550		0.079					146		0.25			83		16				
304259 Orig		2.15	17	0.78	569		0.083					270		0.28			61		12				
304259 Dup		2.64	17	0.80	568		0.083					273		0.27			61		12				
304268 Orig		2.34	15	0.78	466		0.069					295		0.28			65		13				
304268 Dup		2.57	14	0.76	460		0.068					288		0.23			57		12				
303512 Orig		1.79	18	0.98	2340		0.052					213		0.31			75		14				
303512 Dup		2.15	18	1.01	2340		0.045					224		0.32			76		15				
304286 Orig		1.38	29	1.44	1710		0.055					18		0.15			45		16				
304286 Dup		1.41	30	1.49	1790		0.059					18		0.14			44		17				
304289 Orig		3.85	25	0.74	531		0.060					217		0.29			68		8				
304289 Dup		3.58	25	0.75	533		0.060					215		0.27			66		8				
303664 Orig		0.10	1	0.42	4590		0.063					35		0.07			39		8				
303664 Dup		0.10	1	0.43	4650		0.065					35		0.07			39		9				
303951 Orig		2.68	18	0.99	1230		0.122					249		0.32			86		13				
303951 Dup		2.70	18	1.01	1280		0.124					251		0.32			90		14				

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
303952 Orig		2.71	12	0.58	347		0.016					331		0.23			58		9				
303952 Dup		2.74	13	0.59	340		0.015					334		0.24			59		9				
304441 Orig		2.92	14	0.78	506		0.080					339		0.35			71		13				
304441 Dup		2.93	14	0.80	514		0.082					341		0.35			72		13				
304443 Orig		1.29	29	0.95	2090		0.073					142		0.22			169		27				
304443 Dup		1.30	29	0.94	2100		0.080					142		0.34			175		27				
303846 Orig		0.03	7	0.53	6270		0.034					15		0.01			76		10				
303846 Dup		0.03	7	0.51	6090		0.034					15		0.02			75		10				
304584 Orig		0.09	1	0.36	7260		0.097					14		0.04			41		9				
304584 Dup		0.09	1	0.37	7560		0.101					14		0.04			42		9				
304593 Orig		1.91	18	0.64	1640		0.098					115		0.27			108		13				
304593 Dup		1.90	18	0.64	1690		0.100					114		0.26			108		13				
304887 Orig		2.09	13	0.70	479		0.082					306		0.28			67		12				
304887 Dup		2.19	13	0.72	443		0.073					314		0.28			64		14				
304861 Orig		2.80	16	0.77	776		0.073					307		0.30			65		14				
304861 Dup		2.91	17	0.78	786		0.078					308		0.30			65		14				
304864 Orig		2.72	15	0.74	698		0.085					290		0.27			67		14				
304864 Dup		2.70	15	0.74	699		0.087					285		0.28			64		14				
375962 Orig		0.04	6	1.04	6390		0.039					48		0.02			34		13				
375962 Dup		0.04	6	1.04	6610		0.038					48		0.02			35		13				
375975 Orig		2.42	21	1.08	814		0.057					99		0.32			105		7				
375975 Dup		2.49	21	1.09	811		0.057					96		0.31			105		7				
376002 Orig		1.02	13	0.28	659		0.095					44		0.18			110		9				
376002 Dup		1.01	12	0.28	647		0.094					43		0.18			109		9				
376012 Orig		0.04	< 1	0.07	2490		0.040					13		< 0.01			13		21				
376012 Dup		0.04	< 1	0.07	2500		0.039					13		< 0.01			13		21				
376113 Orig		0.14	2	0.47	5180		0.060					23		0.04			44		11				
376113 Dup		0.14	2	0.48	5240		0.061					24		0.04			43		11				
303678 Orig		0.07	5	0.25	3640		0.072					13		0.02			46		6				
303678 Dup		0.07	5	0.24	3520		0.072					13		0.02			46		6				
303680 Orig		0.18	2	0.33	7840		0.045					9		0.02			53		19				
303680 Dup		0.19	2	0.34	8070		0.046					9		0.01			54		20				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank	< 5					< 0.01		< 15	< 0.1	0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5	< 3	< 5	< 0.1
Method Blank	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5	< 3	< 5	< 0.1

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				
Method Blank		< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1				

QC

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas					
GXR-1 Cert					
GXR-1 Meas					
GXR-1 Cert					
GXR-1 Meas					
GXR-1 Cert					
GXR-4 Meas					
GXR-4 Cert					
GXR-4 Meas					
GXR-4 Cert					
GXR-4 Meas					
GXR-4 Cert					
GXR-4 Meas					
GXR-4 Cert					
GXR-4 Meas					
GXR-4 Cert					
SDC-1 Meas					
SDC-1 Cert					
SDC-1 Meas					
SDC-1 Cert					
SDC-1 Meas					
SDC-1 Cert					
SDC-1 Meas					
SDC-1 Cert					
SDC-1 Meas					
SDC-1 Cert					
GXR-6 Meas					
GXR-6 Cert					
GXR-6 Meas					
GXR-6 Cert					
GXR-6 Meas					
GXR-6 Cert					
GXR-6 Meas					
GXR-6 Cert					
SAR-M (U.S.G.S.) Meas					
SAR-M (U.S.G.S.) Cert					
SAR-M (U.S.G.S.) Meas					

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
SAR-M (U.S.G.S.) Cert					
SAR-M (U.S.G.S.) Meas					
SAR-M (U.S.G.S.) Cert					
SAR-M (U.S.G.S.) Meas					
SAR-M (U.S.G.S.) Cert					
SAR-M (U.S.G.S.) Meas					
SAR-M (U.S.G.S.) Cert					
DNC-1a Meas					
DNC-1a Cert					
DNC-1a Meas					
DNC-1a Cert					
DNC-1a Meas					
DNC-1a Cert					
DNC-1a Meas					
DNC-1a Cert					
DNC-1a Meas					
DNC-1a Cert					
SBC-1 Meas					
SBC-1 Cert					
SBC-1 Meas					
SBC-1 Cert					
SBC-1 Meas					
SBC-1 Cert					
SBC-1 Meas					
SBC-1 Cert					
SBC-1 Meas					
SBC-1 Cert					
OREAS 45d (4-Acid) Meas					
OREAS 45d (4-Acid) Cert					
DMMAS 117 Meas					
DMMAS 117 Cert					
DMMAS 117 Meas					
DMMAS 117 Cert					
DMMAS 117 Meas					
DMMAS 117 Cert					
DMMAS 117 Meas					
DMMAS 117 Cert					
DMMAS 117 Meas					
DMMAS 117 Cert					

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
DMMAS 117 Meas					
DMMAS 117 Cert					
DMMAS 117 Meas					
DMMAS 117 Cert					
DMMAS 117 Meas					
DMMAS 117 Cert					
303976 Orig					
303976 Dup					
303977 Orig					
303977 Dup					
303816 Orig					
303816 Dup					
303818 Orig					
303818 Dup					
303546 Orig					
303546 Dup					
304259 Orig					
304259 Dup					
304268 Orig					
304268 Dup					
303512 Orig					
303512 Dup					
304286 Orig					
304286 Dup					
304289 Orig					
304289 Dup					
303664 Orig					
303664 Dup					
303951 Orig					
303951 Dup					
303952 Orig					
303952 Dup					
304441 Orig					
304441 Dup					
304443 Orig					
304443 Dup					
303846 Orig					
303846 Dup					
304584 Orig					
304584 Dup					
304593 Orig					
304593 Dup					
304887 Orig					
304887 Dup					
304861 Orig					
304861 Dup					
304864 Orig					
304864 Dup					

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Detection Limit	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA
375962 Orig					
375962 Dup					
375975 Orig					
375975 Dup					
376002 Orig					
376002 Dup					
376012 Orig					
376012 Dup					
376113 Orig					
376113 Dup					
303678 Orig					
303678 Dup					
303680 Orig					
303680 Dup					
Method Blank					
Method Blank					
Method Blank					
Method Blank					
Method Blank					
Method Blank					
Method Blank					
Method Blank					
Method Blank					
Method Blank					
Method Blank					
Method Blank					
Method Blank					
Method Blank	< 0.01	< 0.5	< 0.2	< 0.05	30.0
Method Blank	< 0.01	< 0.5	< 0.2	< 0.05	30.0
Method Blank					
Method Blank					
Method Blank					

Quality Analysis ... *Innovative Technologies*

Date Submitted: 15-Oct-14
Invoice No.: A14-07687
Invoice Date: 29-Oct-14
Your Reference: FAU-14

Mines Virginia Inc.
300 Rue St-Paul
Suite 200
Quebec QC G1K 7R1
Canada

ATTN: Pascal Simard

CERTIFICATE OF ANALYSIS

6 Heavy Mineral Concentrates samples were submitted for analysis.

The following analytical packages were requested: Code 3A-Large HMC INAA(INAAGEO)
Code 3C Aqua Regia ICP(AQUAGEO)

REPORT **A14-07687**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
Unaltered silicates and resistate minerals may not be dissolved. Values which exceed upper limit should be assayed.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A14-07687

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th	U
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Detection Limit	5	5	2	200	5	1	5	10	2	0.02	1	5	50	20	0.05	200	50	0.2	0.1	20	0.2	1	0.5	0.5
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-14-001																								
FAU-14-002																								
FAU-14-003	< 5	< 5	25	< 200	< 5	< 1	27	250	< 2	34.7	205	< 5	< 50	< 20	0.21	< 200	< 50	< 0.2	24.1	< 20	< 0.2	< 1	83.2	21.1
FAU-14-004																								
FAU-14-005																								
FAU-14-006	< 5	< 5	30	< 200	< 5	< 1	18	150	< 2	39.8	241	< 5	< 50	< 20	0.17	< 200	< 50	< 0.2	27.0	< 20	< 0.2	17	96.9	26.3

Analyte Symbol	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	S	Au	Ag	As	Ba
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
Detection Limit	4	200	1	3	10	0.1	0.2	2	0.2	0.05		0.2	0.5	1	2	2	1	2	1	0.01	5	5	2	200
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	INAA	INAA	INAA
FAU-14-001												< 0.2	< 0.5	57	933	6	15	19	25	0.07	134	< 5	< 2	< 200
FAU-14-002												< 0.2	< 0.5	26	822	< 2	18	7	20	0.08	43	< 5	5	< 200
FAU-14-003	< 4	< 200	212	389	140	40.4	13.8	< 2	20.2	3.03	34.0	< 0.2	< 0.5	14	1160	3	15	17	23	0.02				
FAU-14-004												< 0.2	< 0.5	9	726	3	12	16	20	0.02	< 5	< 5	5	< 200
FAU-14-005												< 0.2	< 0.5	6	779	2	14	12	19	0.02	< 5	< 5	9	< 200
FAU-14-006	< 4	< 200	231	455	180	40.2	12.9	< 2	19.1	2.87	38.9	0.3	< 0.5	38	733	3	13	15	20	0.05				

Analyte Symbol	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th	U	W	Zn	La	Ce
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	1	5	10	2	0.02	1	5	50	20	0.05	200	50	0.2	0.1	20	0.2	1	0.5	0.5	4	200	1	3
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-14-001	< 5	< 1	13	140	< 2	15.9	158	< 5	< 50	< 20	0.10	< 200	< 50	0.6	12.9	< 20	< 0.2	< 1	49.1	8.0	< 4	< 200	164	363
FAU-14-002	< 5	< 1	16	170	< 2	20.5	142	< 5	< 50	< 20	0.11	< 200	< 50	< 0.2	15.2	< 20	< 0.2	< 1	28.6	3.5	< 4	< 200	75	140
FAU-14-003																								
FAU-14-004	< 5	4	14	210	< 2	22.2	212	< 5	< 50	< 20	0.22	800	< 50	0.8	22.9	< 20	< 0.2	< 1	55.8	9.2	< 4	< 200	152	280
FAU-14-005	< 5	< 1	13	170	< 2	22.5	199	< 5	< 50	< 20	0.21	< 200	< 50	< 0.2	19.3	< 20	< 0.2	< 1	41.1	7.6	< 4	< 200	106	203
FAU-14-006																								

Analyte Symbol	Nd	Sm	Eu	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	g
Detection Limit	10	0.1	0.2	2	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-14-001	130	25.5	8.9	4	9.9	1.38	7.07
FAU-14-002	60	8.0	3.2	< 2	6.5	0.62	14.5
FAU-14-003							
FAU-14-004	90	18.9	6.6	< 2	9.2	1.23	13.6
FAU-14-005	110	12.4	4.7	< 2	8.0	1.05	17.6
FAU-14-006							

Quality Control

Analyte Symbol	Au	As	Ba	Co	Cr	Fe	Na	Sb	Sc	U	La	Ce	Sm	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	S	Ag	Br
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	5	2	200	5	10	0.02	0.05	0.2	0.1	0.5	1	3	0.1	0.2	0.5	1	2	2	1	2	1	0.01	5	5
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	INAA
GXR-1 Meas														26.4	2.5	1100	778	14	39	588	649	0.18		
GXR-1 Cert														31.0	3.30	1110	852	18.0	41.0	730	760	0.257		
GXR-4 Meas														3.5	< 0.5	6640	147	338	38	40	70	1.74		
GXR-4 Cert														4.0	0.860	6520	155	310	42.0	52.0	73.0	1.77		
GXR-6 Meas														0.2	< 0.5	68	1020	< 2	24	87	121	0.01		
GXR-6 Cert														1.30	1.00	66.0	1010	2.40	27.0	101	118	0.0160		
SAR-M (U.S.G.S.) Meas														2.9	5.5	329	4590	14	41	1060	1040			
SAR-M (U.S.G.S.) Cert														3.64	5.27	331.0000	5220	13.1	41.5	982	930.0			
OREAS 45d (Aqua Regia) Meas																380	425		219	10	36	0.04		
OREAS 45d (Aqua Regia) Cert																345.0	400.000		176.0	17.00	30.6	0.045		
DMMAS 117 Meas	1680	1800	< 200	42	80	3.18	1.75	6.4	6.3	10.5	17	24	2.6											
DMMAS 117 Cert	1720	1745	1228	42	76	3.11	1.96	6.7	6.6	11.8	15.6	31	2.6											
DMMAS 117 Meas	1630	1630	1300	44	70	3.24	1.66	6.4	6.1	13.0	14	29	2.0											
DMMAS 117 Cert	1720	1745	1228	42	76	3.11	1.96	6.7	6.6	11.8	15.6	31	2.6											
FAU-14-001 Orig														< 0.2	< 0.5	61	702	6	16	19	30	0.08		
FAU-14-001 Dup														< 0.2	< 0.5	53	1160	6	15	19	20	0.07		
Method Blank														< 0.2	< 0.5	1	< 2	< 2	< 1	< 2	< 1	< 0.01		
Method Blank														< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 1	< 0.01		
Method Blank	< 5	< 2	< 200	< 5	< 10	< 0.02	< 0.05	< 0.2	< 0.1	< 0.5	< 1	< 3	< 0.1										< 5	< 5

Quality Control

Analyte Symbol	Ca	Cs	Hf	Hg	Ir	Mo	Ni	Rb	Se	Sr	Ta	Th	W	Zn	Nd	Eu	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g
Detection Limit	1	2	1	5	50	20	200	50	20	0.2	1	0.5	4	200	10	0.2	2	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas																				
GXR-1 Cert																				
GXR-4 Meas																				
GXR-4 Cert																				
GXR-6 Meas																				
GXR-6 Cert																				
SAR-M (U.S.G.S.) Meas																				
SAR-M (U.S.G.S.) Cert																				
OREAS 45d (Aqua Regia) Meas																				
OREAS 45d (Aqua Regia) Cert																				
DMMAS 117 Meas																				
DMMAS 117 Cert																				
DMMAS 117 Meas																				
DMMAS 117 Cert																				
FAU-14-001 Orig																				
FAU-14-001 Dup																				
Method Blank																				
Method Blank																				
Method Blank	< 1	< 2	< 1	< 5	< 50	< 20	< 200	< 50	< 20	< 0.2	< 1	< 0.5	< 4	< 200	< 10	< 0.2	< 2	< 0.2	< 0.05	10.0

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
TELEPHONE: (613) 226-1771
FAX NO.: (613) 226-8753
EMAIL: odm@storm.ca

DATA TRANSMITTAL REPORT

DATE: 14-Oct-14

ATTENTION: **Mr. Pascal Simard**

CLIENT: **Mines Virginia**
300 rue St-Paul, Suite 200
Quebec, Qc
G1K 7R1

E-MAIL: **psimard@minesvirginia.com / strepanier@minesvirginia.com**

NO. OF PAGES: 5

PROJECT:

FILE NAME: **20146727 - Mines Virginia (FAU-14) - Sept 2014**

SAMPLE NUMBERS: **FAU-14-001 to 006**

BATCH NUMBER: **6727**

TOTAL SAMPLES: **6**

THESE SAMPLES WERE PROCESSED FOR: **GOLD GRAIN COUNT**
HMC

SPECIFICATIONS:

1. Submitted by client: ~10 to 15 kg till samples.
2. Single ±500 g archival splits taken.
3. All samples panned for gold and metallic minerals.
4. Heavy liquid separation specific gravity: 3.3.

REMARKS:
Heavy mineral concentrates forwarded to Actlabs for analysis.

Remy Huneault, P.Geo.
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED
GOLD GRAIN SUMMARY

Filename: 20146727 - Mines Virginia (FAU-14) - Sept 2014
Total Number of Samples in this Report = 6
Batch Number: 6727

Sample Number	Number of Visible Gold Grains				Total Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
FAU-14-001	3	1	1	1	4.4	109	6	19	85
FAU-14-002	0	0	0	0	15.8	0	0	0	0
FAU-14-003	0	0	0	0	27.0	0	0	0	0
FAU-14-004	0	0	0	0	15.2	0	0	0	0
FAU-14-005	0	0	0	0	19.2	0	0	0	0
FAU-14-006	6	1	4	1	32.0	10	6	4	1

OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA

Filename: 20146727 - Mines Virginia (FAU-14) - Sept 2014
Total Number of Samples in this Report = 6
Batch Number: 6727

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Total Weight (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
FAU-14-001	Yes	5 C	25	25	1			1			No sulphides.
		8 C	25	50		1		1			
		13 C	50	75			1	1			
								3	4.4	109	
FAU-14-002	Yes	NO VISIBLE GOLD									No sulphides.
FAU-14-003	Yes	NO VISIBLE GOLD									No sulphides.
FAU-14-004	Yes	NO VISIBLE GOLD									No sulphides.
FAU-14-005	Yes	NO VISIBLE GOLD									No sulphides.
FAU-14-006	Yes	3 C	15	15		2		2			5 grains pyrite (25-50µm).
		5 C	25	25		1	1	2			
		8 C	25	50		1		1			
		10 C	50	50	1			1			
								6	32.0	10	

OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS

Project:
Filename: 20146727 - Mines Virginia (FAU-14) - Sept 2014
Total Number of Samples in this Report = 6
Batch Number: 6727

Sample Number	Weight (kg wet)					-2.0 mm Table Concentrate Weight (g dry)					Sample Description													
							Heavy Liquid Separation (S.G. 3.3)				Clasts (> 2.0 mm)					Matrix (<2.0 mm)								
								HMC				Percentage				Distribution					Colour		
	Bulk Rec'd	Archived Split	Table Split	+2.0 mm Clasts	Table Feed	Total	Lights	Total	Non Mag	Mag	Size	V/S	GR	LS	OT	S/U	SD	ST	CY	ORG	SD	CY	CLASS
FAU-14-001	12.0	0.5	11.5	4.2	7.3	218.1	205.0	13.1	4.4	8.7	C	40	60	0	0	U	+	Y	-	Y	BN	BN	TILL + SOIL
FAU-14-002	14.6	0.5	14.1	6.1	8.0	303.5	260.8	42.7	15.8	26.9	C	50	50	0	0	U	Y	Y	Y	N	DOC	DOC	TILL
FAU-14-003	17.0	0.5	16.5	4.1	12.4	368.4	286.1	82.3	27.0	55.3	C	30	70	0	0	U	Y	Y	Y	N	GY	GB	TILL
FAU-14-004	9.3	0.5	8.8	1.2	7.6	297.1	252.3	44.8	15.2	29.6	P	60	40	0	0	U	Y	Y	Y	N	GB	GB	TILL
FAU-14-005	8.8	0.5	8.3	1.4	6.9	302.5	243.5	59.0	19.2	39.8	C	60	40	0	0	U	Y	Y	Y	N	GB	GB	TILL
FAU-14-006	18.0	0.5	17.5	3.0	14.5	388.3	290.0	98.3	32.0	66.3	C	70	30	0	0	U	Y	Y	Y	N	GB	BE	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED
HMC WEIGHTS

Filename: 20146727 - Mines Virginia (FAU-14) - Sept 2014
Total Number of Samples in this Report = 6
Batch Number: 6727

Sample Number	Weight (g)			
	Nonferromagnetic Heavy Mineral Concentrate			
			Analytical Split	
	Total	Excess	INA	ICP
FAU-14-001	4.4	0.0	3.4	1.0
FAU-14-002	15.8	0.0	10.8	5.0
FAU-14-003	27.0	0.0	22.0	5.0
FAU-14-004	15.2	0.0	10.2	5.0
FAU-14-005	19.2	0.0	14.2	5.0
FAU-14-006	32.0	0.0	27.0	5.0

APPENDIX V – ALL ASSAYS CERTIFICATES

1 – Midland Certificates

2025 – Prospection : Midland 2024 – Prospection : Midland 2024 – Soils : Midland 2021 – Prospection : Midland 2020 – DDH : Midland 2019 – DDH : Midland 2019 – Prospection : Midland 2019 – Soils : Midland 2018 – Prospection : Midland 2017 – DDH : Midland 2017 – Prospection : Midland 2017 – Soils: Midland
2016 – DDH : Midland 2016 – Prospection : Midland 2015 – Prospection : Midland 2014 – Prospection : Midland

2 – Osisko Certificates

2018 – DDH : Osisko
2017 – DDH : Osisko
2017 – Prospection : Osisko
2017 – Soils : Osisko
2016 – DDH : Osisko
2016 – Prospection : Osisko
2016 – Soils : Osisko
2015 – Prospection : Osisko
2015 – Soils : Osisko
2015 – Prospection : Osisko
2014 – Soils : Osisko

3 – Others Companies Certificates

2013 – Prospection : Virginia
2013 – Soils : Virginia
2012 – DDH : Rio Silver
2012 – Prospection : Rio Silver 2011 – Prospection : Rio Silver 2011 – Soils : Rio Silver
2008 – Prospection : Everton
2000 – DDH: Noranda
2000 – Prospection : Noranda 2000 – Soils : Noranda
1996 – Prospection: Kennecott 1996 – Soils: Kennecott
1995 – DDH: Kennecott
1995 – Prospection: Kennecott 1995 – Soils: Kennecott
1994 – DDH: Kennecott
1994 – Prospection: Kennecott 1994 – Soils: Kennecott

2013 – CERTIFICATES: Virginia

2013 – Prospection : Virginia

Quality Analysis ... *Innovative Technologies*

Date Submitted: 26-Aug-13
Invoice No.: A13-10808 (i)
Invoice Date: 04-Oct-13
Your Reference: #33715

Techni-Lab Abitibi Inc.(Actlabs)
184 Rue Principale,
Ste-Germaine-Boule Quebec J0Z 1M0 Canada

ATTN: Andre Caouette

CERTIFICATE OF ANALYSIS

212 Pulp samples were submitted for analysis.

The following analytical package was requested: Code 1F2 Total Digestion ICP(TOTAL)

REPORT **A13-10808 (i)**

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Notes:
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Cu	Fe	S	Ba
Unit Symbol	%	%	%	ppm
Detection Limit	0.005	0.05	0.01	2
Analysis Method	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-ICP
287621	2.36			
287622				1505
287226			33.7	
287228			27.0	
287231			28.6	
287002		57.5		
287561	2.89			
287562	5.84			

Quality Control

Analyte Symbol	Cu	Fe	S	Ba
Unit Symbol	%	%	%	ppm
Detection Limit	0.005	0.05	0.01	2
Analysis Method	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-ICP
GXR-1 Meas	0.117	25.6		
GXR-1 Cert	0.111	23.6		
DNC-1 Meas				105
DNC-1 Cert				118
GBW 07113 Meas				499
GBW 07113 Cert				506
GXR-4 Meas	0.678	3.03	1.74	
GXR-4 Cert	0.652	3.09	1.77	
PTM-1a Meas	23.5		22.9	
PTM-1a Cert	24.96		22.4	
W-2a Meas				174
W-2a Cert				182
SY-4 Meas				349
SY-4 Cert				340
BIR-1a Meas	0.012	7.91		7
BIR-1a Cert	0	7.87		6
MP-1b Meas	3.06	8.10	13.9	
MP-1b Cert	3.069	8.19	13.79	
MP-1b Meas	2.98	7.96	13.7	
MP-1b Cert	3.069	8.19	13.79	
JR-1 Meas		0.65		
JR-1 Cert		0.62		
Method Blank	< 0.005	< 0.05	< 0.01	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 06-Sep-13
Invoice No.: A13-10809 (i)
Invoice Date: 04-Oct-13
Your Reference: #33716

Techni-Lab Abitibi Inc.(Actlabs)
184 Rue Principale,
Ste-Germaine-Boule Quebec J0Z 1M0 Canada

ATTN: Andre Caouette

CERTIFICATE OF ANALYSIS

220 Pulp samples were submitted for analysis.

The following analytical packages were requested: Code 1F2 Total Digestion ICP(TOTAL)
Code 8-Peroxide ICP Sodium Peroxide Fusion ICP

REPORT **A13-10809 (i)**

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Notes:
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Cu	S	Zn	Ba
Unit Symbol	%	%	%	ppm
Detection Limit	0.005	0.01	0.01	2
Analysis Method	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-ICP
287036		27.4		
287123		2.55		
287128		31.1		
287130			1.28	
287132				1038
287300	11.3			
287730				1012
287082				1513

Quality Control

Analyte Symbol	Cu	S	Zn	Ba
Unit Symbol	%	%	%	ppm
Detection Limit	0.005	0.01	0.01	2
Analysis Method	FUS-Na2O2	FUS-Na2O2	FUS-Na2O2	FUS-ICP
GXR-1 Meas	0.117		0.08	
GXR-1 Cert	0.111		0.0760	
DNC-1 Meas				105
DNC-1 Cert				118
GBW 07113 Meas				499
GBW 07113 Cert				506
GXR-4 Meas	0.678	1.74	< 0.01	
GXR-4 Cert	0.652	1.77	0.00730	
PTM-1a Meas	23.5	22.9		
PTM-1a Cert	24.96	22.4		
W-2a Meas				174
W-2a Cert				182
SY-4 Meas				349
SY-4 Cert				340
BIR-1a Meas	0.012		< 0.01	7
BIR-1a Cert	0		0	6
MP-1b Meas	3.06	13.9	16.9	
MP-1b Cert	3.069	13.79	16.67	
MP-1b Meas	2.98	13.7	16.5	
MP-1b Cert	3.069	13.79	16.67	
DNC-1a Meas			< 0.01	
DNC-1a Cert			0.0	
287128 Orig	0.072	30.9	0.07	
287128 Dup	0.074	31.3	0.07	
287082 Orig				1511
287082 Dup				1515
Method Blank	< 0.005	< 0.01	< 0.01	

TECHNI-LAB
pyroanalyse
géochimie
environnement

Client :
Monsieur Pascal Simard

Mines Virginia
300, rue St-Paul Suite 200
Québec (Québec) G1K 7R1

Date d'émission: 3 sept. 2013
Date de réception: 26 août 2013
Date d'analyses: 3 sept. 2013
Projet: Fosse - Au
Certificat: 33711

CERTIFICAT D'ANALYSE

Notes :

Ce certificat remplace et annule tous certificats antérieurs, le cas échéant.

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® Ces résultats ne se rapportent qu'aux échantillons soumis pour analyse.

SCC Accredited LAB
LAB Accrédité CCN
LAB 707

Les résultats des échantillons sont vérifiés et approuvés par :

Mathieu RANCOURT, chimiste 2007-109

CHIMISTE
Mathieu Rancourt
2007-109
QUÉBEC

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pyroanalyse
géochimie
environnement

CERTIFICAT D'ANALYSE

À l'attention de Monsieur Pascal Simard

Client Mines Virginia
300, rue St-Paul Suite 200
Québec (Québec) G1K 7R1

Tél.: 418-694-9832
Téléc.: 418-694-9120

Date d'émission: 3 sept. 2013
Date de réception : 26 août 2013
Date d'analyses : 3 sept. 2013
Projet : Fosse - Au
Certificat : 33711

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287351	<6
287352	29
287353	<6
287354	<6
287355	26
287356	22
OXE 106	618
OXJ 95	2331

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CERTIFICAT D'ANALYSE - ANNEXE 1

À l'attention de Monsieur Pascal Simard

Client: Mines Virginia
300, rue St-Paul Suite 200
Québec (Québec) G1K 7R1

Date d'émission: 3 sept. 2013
Date de réception: 26 août 2013
Date d'analyse: 3 sept. 2013
Projet: Fosse - Au
Certificat: 33711

MÉTHODE ACCRÉDITÉE

TMT-G5B	Au par pyro-analyse, collection avec bouton de plomb, finition par Spectrométrie d'absorption Atomique à la flamme, après digestion d'Aqua Regia par micro-ondes.
TMT-G5C	Au par pyro-analyse, collection avec bouton de plomb finition gravimétrique.
TMT-G5E	Pt, Pd par absorption atomique - four au graphite (GFAA)
TMT-G5F	Métaux par spectroscopie d'émission à plasma couplé par induction (ICP), digestion Aqua Regia

MÉTHODE NON ACCRÉDITÉE

TMT-G5G	Argent par Gravimétrie
TMT-G5G 2	Densité
TMT-G5Z	Titration du Zinc pour concentrés.

MÉTHODE ACCRÉDITÉE PAR LE CCN

Méthode	*Paramètre*	*Limite de détection*	*Méthode*	*Paramètre*	*Limite de détection*
TMT-G5B	Au ppb (5 ml)	6	TMT-G5F	Ag ppm	0.2
TMT-G5B	Au g/t (10 ml)	0.01	TMT-G5F	Co ppm	1
TMT-G5C	Au gravimétrie g/t	0.05	TMT-G5F	Cu ppm	1
TMT-G5E	Pd ppb	4	TMT-G5F	Ni ppm	2
TMT-G5E	Pt ppb	5	TMT-G5F	Pb ppm	3
			TMT-G5F	Zn ppm	1

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Client :
Monsieur Pascal Simard

Mines Virginia
300, rue St-Paul Suite 200
Québec (Québec) G1K 7R1

Date d'émission: 10 sept. 2013
Date de réception: 26 août 2013
Date d'analyses: 4 sept. 2013
Projet: Fosse - Au
Certificat: 33715

CERTIFICAT D'ANALYSE

Notes : L'échantillon 287552 est manquant.

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® Ces résultats ne se rapportent qu'aux échantillons soumis pour analyse.

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Les résultats des échantillons sont vérifiés et approuvés par :

Mathieu RANCOURT, chimiste 2007-109

CHIMISTE
Mathieu Rancourt
2007-109
QUÉBEC

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CERTIFICAT D'ANALYSE

À l'attention de Monsieur Pascal Simard

Client Mines Virginia
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Tél.: 418<694-9832
Téléc.: 418<694-9120

Date d'émission: 10 sept. 2013
Date de réception : 26 août 2013
Date d'analyses : 4 sept. 2013
Projet : Fosse - Au
Certificat : 33715

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287001	<6
287002	<6
287003	<6
287004	<6
287005	<6
287006	<6
287007	<6
287008	<6
287009	<6
287010	<6
287011	<6
287012	<6
287013	1002
287014	15
287015	<6
287016	<6
287017	<6
287018	<6
287019	<6
287020	<6
287021	<6
287022	<6
287023	<6
287024	<6
287025	<6
287026	<6
287027	26
287028	<6
287029	<6
287030	14
287031	<6
287032	<6
287033	<6
287034	<6
287051	<6

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Québec (Québec) G1K 7R1

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Projet : Fosse - Au
Certificat : 33715

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287052	<6
287053	<6
287054	<6
287055	<6
287056	<6
287057	<6
287058	<6
287059	<6
287060	<6
287061	<6
287062	<6
287063	<6
287064	<6
287065	<6
287066	<6
287067	<6
287068	<6
287069	<6
287070	<6
287071	<6
287072	<6
287073	<6
287074	14
287075	<6
287076	12
287077	7
287078	8
287079	9
287101	<6
287102	<6
287103	31
287104	25
287105	75
287106	<6
287107	<6

184, Principale - C.P. 208, Ste-Germaine-Boulé (Québec) J0Z 1M0 **Téléphone : 819 787-6116 • Télécopieur : 819 787-6527** courriel : infoquebec@actlabs.com

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Certificat : 33715

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287108	<6
287109	<6
287110	<6
287111	<6
287112	<6
287113	<6
287114	<6
287115	12
287116	<6
287117	<6
287118	14
287119	<6
287120	<6
287201	<6
287202	<6
287203	<6
287204	<6
287205	<6
287206	8
287207	<6
287208	<6
287209	<6
287210	<6
287211	<6
287212	<6
287213	<6
287214	<6
287215	8
287216	11
287217	<6
287218	15
287219	<6
287220	<6
287221	303
287222	9

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Certificat : 33715

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287223	<6
287224	8
287225	<6
287226	<6
287227	<6
287228	<6
287229	<6
287230	<6
287231	17
287251	<6
287252	<6
287253	<6
287254	<6
287255	40
287256	<6
287257	<6
287258	<6
287259	<6
287260	<6
287261	<6
287262	24
287263	<6
287264	<6
287265	<6
287266	7
287267	9
287268	<6
287269	<6
287270	<6
287271	<6
287272	<6
287273	<6
287274	236
287275	<6
287276	<6

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Date d'émission: 10 sept. 2013
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Date d'analyses : 4 sept. 2013
Projet : Fosse - Au
Certificat : 33715

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287277	<6
287278	15
287279	<6
287280	<6
287551	19
287553	<6
287554	<6
287555	<6
287556	61
287557	<6
287558	<6
287559	35
287560	<6
287561	261
287562	164
287563	15
287564	15
287565	52
287566	<6
287567	<6
287568	<6
287569	13
287570	10
287571	<6
287572	40
287573	31
287574	24
287575	<6
287576	14
287577	<6
287578	44
287579	7
287580	<6
287581	<6
287582	<6

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Téléc.: 418<694-9120

Date d'émission: 10 sept. 2013
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Projet : Fosse - Au
Certificat : 33715

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287583	95
287584	<6
287585	<6
287586	<6
287601	<6
287602	<6
287603	<6
287604	<6
287605	<6
287606	9
287607	<6
287608	<6
287609	<6
287610	<6
287611	<6
287612	<6
287613	<6
287614	<6
287615	65
287616	<6
287617	<6
287618	<6
287619	<6
287620	<6
287621	22
287622	<6
287623	<6
287624	<6
287625	<6
287626	<6
287627	<6
287628	11
287629	<6
287630	<6
287631	<6

184, Principale - C.P. 208, Ste-Germaine-Boulé (Québec) J0Z 1M0 **Téléphone : 819 787-6116 • Télécopieur : 819 787-6527** courriel : infoquebec@actlabs.com

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CERTIFICAT D'ANALYSE

À l'attention de Monsieur Pascal Simard

Client Mines Virginia
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Tél.: 418<694-9832
Téléc.: 418<694-9120

Date d'émission: 10 sept. 2013
Date de réception : 26 août 2013
Date d'analyses : 4 sept. 2013
Projet : Fosse - Au
Certificat : 33715

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287632	<6
287633	<6
287007-Dup	<6
287028-Dup	<6
287058-Dup	<6
287079-Dup	<6
287205-Dup	<6
287226-Dup	<6
284255-Dup	68
287266-Dup	<6
287565-Dup	42
287579-Dup	<6
287621-Dup	27
CDN-PGMS-21	3770
CDN-PGMS-22	1313
OXE 106	627
OXE 106	621
OXE 106	615
OXE 106	613
OXE 106	620
OXE 106	608
OXE 106	606
OXE 106	619
OXE 106	613
OXE 106	625
OXE 106	617
OXE 106	632
OXJ 95	2413
OXJ 95	2455
OXJ 95	2406
OXJ 95	2481
OXJ 95	2377
OXJ 95	2440
OXJ 95	2341

184, Principale - C.P. 208, Ste-Germaine-Boulé (Québec) J0Z 1M0 **Téléphone : 819 787-6116 • Télécopieur : 819 787-6527** courriel : infoquebec@actlabs.com

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Tél.: 418<694-9832
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Date d'émission: 10 sept. 2013
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Date d'analyses : 4 sept. 2013
Projet : Fosse - Au
Certificat : 33715

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
OXJ 95	2399
OXJ 95	2452
OXJ 95	2402
OXJ 95	2425

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CERTIFICAT D'ANALYSE - ANNEXE 1

À l'attention de Monsieur Pascal Simard

Client: Mines Virginia
300, rue St-Paul Suite 200
Québec (Québec) G1K 7R1

Date d'émission: 10 sept. 2013
Date de réception: 26 août 2013
Date d'analyse: 4 sept. 2013
Projet: Fosse - Au
Certificat: 33715

MÉTHODE ACCRÉDITÉE

TMT-G5B	Au par pyro-analyse, collection avec bouton de plomb, finition par Spectrométrie d'absorption Atomique à la flamme, après digestion d'Aqua Regia par micro-ondes.
TMT-G5C	Au par pyro-analyse, collection avec bouton de plomb finition gravimétrique.
TMT-G5E	Pt, Pd par absorption atomique - four au graphite (GFAA)
TMT-G5F	Métaux par spectroscopie d'émission à plasma couplé par induction (ICP), digestion Aqua Regia

MÉTHODE NON ACCRÉDITÉE

TMT-G5G	Argent par Gravimétrie
TMT-G5G 2	Densité
TMT-G5Z	Titration du Zinc pour concentrés.

MÉTHODE ACCRÉDITÉE PAR LE CCN

Méthode	*Paramètre*	*Limite de détection*	*Méthode*	*Paramètre*	*Limite de détection*
TMT-G5B	Au ppb (5 ml)	6	TMT-G5F	Ag ppm	0.2
TMT-G5B	Au g/t (10 ml)	0.01	TMT-G5F	Co ppm	1
TMT-G5C	Au gravimétrie g/t	0.05	TMT-G5F	Cu ppm	1
TMT-G5E	Pd ppb	4	TMT-G5F	Ni ppm	2
TMT-G5E	Pt ppb	5	TMT-G5F	Pb ppm	3
			TMT-G5F	Zn ppm	1

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Client :
Monsieur Pascal Simard

Mines Virginia
300, rue St-Paul Suite 200
Québec (Québec) G1K 7R1

Date d'émission: 6 nov. 2013
Date de réception: 26 août 2013
Date d'analyses: 3 nov. 2013
Projet: Fosse - Au
Certificat: 33715-C

CERTIFICAT D'ANALYSE

Notes : Version 2: Ajout des analyses de Pt et Pd, à la demande du client.

L'échantillon 287552 est manquant.

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® Ces résultats ne se rapportent qu'aux échantillons soumis pour analyse.

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Les résultats des échantillons sont vérifiés et approuvés par :

Mathieu RANCOURT, chimiste 2007-109

CHIMISTE
Mathieu Rancourt
2007-109
QUÉBEC

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CERTIFICAT D'ANALYSE

À l'attention de Monsieur Pascal Simard

Client Mines Virginia
300, rue St-Paul Suite 200
Québec (Québec) G1K 7R1

Tél.: 418<694-9832
Téléc.: 418<694-9120

Date d'émission: 6 nov. 2013
Date de réception : 26 août 2013
Date d'analyses : 3 nov. 2013
Projet : Fosse - Au
Certificat : 33715-C

Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287001	<6		
287002	<6		
287003	<6		
287004	<6		
287005	<6		
287006	<6		
287007	<6		
287008	<6		
287009	<6		
287010	<6		
287011	<6		
287012	<6		
287013	1002	<5	<4
287014	15		
287015	<6		
287016	<6		
287017	<6		
287018	<6		
287019	<6		
287020	<6		
287021	<6		
287022	<6		
287023	<6		
287024	<6		
287025	<6		
287026	<6		
287027	26		
287028	<6		
287029	<6		
287030	14		
287031	<6		
287032	<6		
287033	<6		
287034	<6		
287051	<6		

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Tél.: 418<694-9832
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Date d'analyses : 3 nov. 2013
Projet : Fosse - Au
Certificat : 33715-C

Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287052	<6		
287053	<6		
287054	<6		
287055	<6		
287056	<6		
287057	<6		
287058	<6		
287059	<6		
287060	<6		
287061	<6		
287062	<6		
287063	<6		
287064	<6		
287065	<6		
287066	<6		
287067	<6		
287068	<6		
287069	<6		
287070	<6		
287071	<6		
287072	<6		
287073	<6		
287074	14		
287075	<6		
287076	12		
287077	7		
287078	8		
287079	9		
287101	<6		
287102	<6		
287103	31		
287104	25		
287105	75		
287106	<6		
287107	<6		

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Date d'analyses : 3 nov. 2013
Projet : Fosse - Au
Certificat : 33715-C

Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287108	<6		
287109	<6		
287110	<6		
287111	<6		
287112	<6		
287113	<6		
287114	<6		
287115	12		
287116	<6		
287117	<6		
287118	14		
287119	<6		
287120	<6		
287201	<6		
287202	<6		
287203	<6		
287204	<6		
287205	<6		
287206	8		
287207	<6		
287208	<6		
287209	<6		
287210	<6		
287211	<6		
287212	<6		
287213	<6		
287214	<6		
287215	8		
287216	11		
287217	<6		
287218	15		
287219	<6		
287220	<6		
287221	303		
287222	9		

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Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287223	<6		
287224	8		
287225	<6		
287226	<6		
287227	<6		
287228	<6		
287229	<6		
287230	<6		
287231	17		
287251	<6		
287252	<6		
287253	<6		
287254	<6		
287255	40	6	19
287256	<6		
287257	<6		
287258	<6		
287259	<6		
287260	<6		
287261	<6		
287262	24		
287263	<6		
287264	<6		
287265	<6		
287266	7		
287267	9		
287268	<6		
287269	<6		
287270	<6		
287271	<6		
287272	<6		
287273	<6		
287274	236		
287275	<6		
287276	<6		

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Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287277	<6		
287278	15	<5	<4
287279	<6		
287280	<6		
287551	19		
287553	<6		
287554	<6		
287555	<6		
287556	61		
287557	<6		
287558	<6		
287559	35		
287560	<6		
287561	261		
287562	164		
287563	15		
287564	15		
287565	52		
287566	<6		
287567	<6		
287568	<6		
287569	13		
287570	10		
287571	<6		
287572	40	<5	<4
287573	31		
287574	24		
287575	<6		
287576	14		
287577	<6		
287578	44		
287579	7		
287580	<6		
287581	<6		
287582	<6		

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Projet : Fosse - Au
Certificat : 33715-C

Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287583	95		
287584	<6		
287585	<6		
287586	<6		
287601	<6		
287602	<6		
287603	<6		
287604	<6		
287605	<6		
287606	9		
287607	<6		
287608	<6		
287609	<6		
287610	<6		
287611	<6		
287612	<6		
287613	<6		
287614	<6		
287615	65	<5	<4
287616	<6		
287617	<6		
287618	<6		
287619	<6		
287620	<6		
287621	22	12	23
287622	<6		
287623	<6		
287624	<6		
287625	<6		
287626	<6		
287627	<6		
287628	11		
287629	<6		
287630	<6		
287631	<6		

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Date d'émission: 6 nov. 2013
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Date d'analyses : 3 nov. 2013
Projet : Fosse - Au
Certificat : 33715-C

Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287632	<6		
287633	<6		
287007-Dup	<6		
287028-Dup	<6		
287058-Dup	<6		
287079-Dup	<6		
287205-Dup	<6		
287226-Dup	<6		
284255-Dup	68		
287266-Dup	<6		
287278-Dup		<5	<4
287565-Dup	42		
287579-Dup	<6		
287621-Dup	27		
CDN-PGMS-21	3770		
CDN-PGMS-22	1313		
OXE 106	627		
OXE 106	621		
OXE 106	615		
OXE 106	613		
OXE 106	620		
OXE 106	608		
OXE 106	606		
OXE 106	619		
OXE 106	613		
OXE 106	625		
OXE 106	617		
OXE 106	632		
OXJ 95	2413		
OXJ 95	2455		
OXJ 95	2406		
OXJ 95	2481		
OXJ 95	2377		
OXJ 95	2440		

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CERTIFICAT D'ANALYSE

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Client Mines Virginia
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Tél.: 418<694-9832
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Date d'émission: 6 nov. 2013
Date de réception : 26 août 2013
Date d'analyses : 3 nov. 2013
Projet : Fosse - Au
Certificat : 33715-C

Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
OXJ 95	2341		
OXJ 95	2399		
OXJ 95	2452		
OXJ 95	2402		
OXJ 95	2425		
CDN-PGMS-21		289	1931
CDN-PGMS-22		1318	6234

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CERTIFICAT D'ANALYSE - ANNEXE 1

À l'attention de Monsieur Pascal Simard

Client: Mines Virginia
300, rue St-Paul Suite 200
Québec (Québec) G1K 7R1

Date d'émission: 6 nov. 2013
Date de réception: 26 août 2013
Date d'analyse: 3 nov. 2013
Projet: Fosse - Au
Certificat: 33715-C

MÉTHODE ACCRÉDITÉE

TMT-G5B	Au par pyro-analyse, collection avec bouton de plomb, finition par Spectrométrie d'absorption Atomique à la flamme, après digestion d'Aqua Regia par micro-ondes.
TMT-G5C	Au par pyro-analyse, collection avec bouton de plomb finition gravimétrique.
TMT-G5E	Pt, Pd par absorption atomique - four au graphite (GFAA)
TMT-G5F	Métaux par spectroscopie d'émission à plasma couplé par induction (ICP), digestion Aqua Regia

MÉTHODE NON ACCRÉDITÉE

TMT-G5G	Argent par Gravimétrie
TMT-G5G 2	Densité
TMT-G5Z	Titration du Zinc pour concentrés.

MÉTHODE ACCRÉDITÉE PAR LE CCN

Méthode	*Paramètre*	*Limite de détection*	*Méthode*	*Paramètre*	*Limite de détection*
TMT-G5B	Au ppb (5 ml)	6	TMT-G5F	Ag ppm	0.2
TMT-G5B	Au g/t (10 ml)	0.01	TMT-G5F	Co ppm	1
TMT-G5C	Au gravimétrie g/t	0.05	TMT-G5F	Cu ppm	1
TMT-G5E	Pd ppb	4	TMT-G5F	Ni ppm	2
TMT-G5E	Pt ppb	5	TMT-G5F	Pb ppm	3
			TMT-G5F	Zn ppm	1

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Client :
Monsieur Pascal Simard

Mines Virginia
300, rue St-Paul Suite 200
Québec (Québec) G1K 7R1

Date d'émission: 16 sept. 2013
Date de réception: 26 août 2013
Date d'analyses: 11 sept. 2013
Projet: Fosse - Au
Certificat: 33716

CERTIFICAT D'ANALYSE

Notes :

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® Ces résultats ne se rapportent qu'aux échantillons soumis pour analyse.

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Les résultats des échantillons sont vérifiés et approuvés par :

Mathieu RANCOURT, chimiste 2007-109

CHIMISTE
Mathieu Rancourt
2007-109
QUÉBEC

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CERTIFICAT D'ANALYSE

À l'attention de Monsieur Pascal Simard

Client Mines Virginia
300, rue St-Paul Suite 200
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Tél.: 418-694-9832
Téléc.: 418-694-9120

Date d'émission: 16 sept. 2013
Date de réception : 26 août 2013
Date d'analyses : 11 sept. 2013
Projet : Fosse - Au
Certificat : 33716

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287035	<6
287036	52
287037	<6
287038	<6
287039	<6
287040	<6
287041	<6
287042	19
287043	9
287044	27
287045	12
287046	18
287047	<6
287048	21
287049	<6
287050	<6
287451	<6
287452	53
287453	10
287454	<6
287455	<6
287456	<6
287457	<6
287458	<6
287459	<6
287460	<6
287461	<6
287462	<6
287232	22
287233	<6
287234	<6
287235	<6
287236	<6
287237	<6
287238	<6

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Date d'analyses : 11 sept. 2013
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Certificat : 33716

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287239	7
287240	<6
287241	<6
287242	<6
287243	<6
287244	<6
287245	<6
287246	<6
287247	<6
287248	24
287249	<6
287250	27
287501	9
287502	<6
287503	15
287504	7
287505	24
287506	<6
287507	13
287508	<6
287509	<6
287510	<6
287511	<6
287512	<6
287513	<6
287514	<6
287515	<6
287516	<6
287517	<6
287651	<6
287652	25
287653	23
287654	<6
287655	8
287656	<6
287657	<6

184, Principale - C.P. 208, Ste-Germaine-Boulé (Québec) J0Z 1M0 **Téléphone : 819 787-6116 • Télécopieur : 819 787-6527** courriel : infoquebec@actlabs.com

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Tél.: 418-694-9832
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Date d'émission: 16 sept. 2013
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Date d'analyses : 11 sept. 2013
Projet : Fosse - Au
Certificat : 33716

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287658	<6
287659	<6
287660	<6
287661	10
287662	7
287663	<6
287664	8
287665	<6
287587	12
287588	69
287589	7
287590	12
287591	48
287592	<6
287593	10
287594	<6
287595	<6
287596	<6
287597	<6
287598	<6
287599	<6
287600	<6
287121	<6
287122	46
287123	22
287124	<6
287125	13
287126	34
287127	<6
287128	32
287129	<6
287130	13
287131	<6
287132	<6
287133	<6

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Date d'émission: 16 sept. 2013
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Date d'analyses : 11 sept. 2013
Projet : Fosse - Au
Certificat : 33716

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287134	<6
287135	<6
287136	<6
287137	16
287138	<6
287139	<6
287140	<6
287141	14
287142	8
287143	28
287144	<6
287145	<6
287146	14
287147	<6
287148	<6
287149	<6
287150	<6
287281	<6
287282	<6
287283	<6
287284	<6
287285	<6
287286	<6
287287	<6
287288	<6
287289	<6
287290	<6
287291	24
287292	<6
287293	<6
287294	46
287295	8
287296	<6
287297	<6
287298	<6

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À l'attention de Monsieur Pascal Simard

Client Mines Virginia
300, rue St-Paul Suite 200
Québec (Québec) G1K 7R1

Tél.: 418-694-9832
Téléc.: 418-694-9120

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Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287299	20
287300	1247
287701	25
287702	<6
287703	<6
287704	<6
287705	<6
287706	15
287707	12
287708	17
287709	<6
287710	<6
287711	<6
287712	<6
287713	<6
287714	<6
287715	<6
287716	11
287717	<6
287718	<6
287719	<6
287720	7
287721	7
287722	18
287723	7
287724	<6
287725	29
287726	<6
287727	<6
287728	<6
287729	48
287730	<6
287731	<6
287732	17
287733	373

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Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287734	<6
287735	<6
287736	<6
287737	<6
287738	<6
287739	<6
287740	7
287741	<6
287742	<6
287743	<6
287744	<6
287745	<6
287080	7
287081	<6
287082	<6
287083	<6
287084	<6
287085	<6
287086	8
287087	<6
287088	12
287089	<6
287090	<6
287091	<6
287092	<6
287093	<6
287094	7
287095	<6
287096	22
287097	35
287098	50
287099	17
287100	7
287412	19
287413	29

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Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
287414	<6
287415	56
287416	7
287424	7
287425	<6
287426	9
287151	38
287152	<6
287153	10
287043-Dup	17
287233-Dup	7
287506-Dup	<6
287652-Dup	41
287596-Dup	<6
287136-Dup	8
287287-Dup	<6
287299-Dup	20
287710-Dup	<6
287723-Dup	7
287744-Dup	<6
287099-Dup	17
287151-Dup	41
OXE 106	630
OXE 106	602
OXE 106	599
OXE 106	621
OXE 106	619
OXE 106	626
OXE 106	629
OXE 106	627
OXE 106	595
OXE 106	612
OXE 106	615
OXE 106	595

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Date d'analyses : 11 sept. 2013
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Certificat : 33716

Échantillon #	Au ppb
Méthode utilisée:	*TMT-G5B*
OXE 106	626
OXJ 95	2397
OXJ 95	2356
OXJ 95	2292
OXJ 95	2361
OXJ 95	2416
OXJ 95	2429
OXJ 95	2395
OXJ 95	2433
OXJ 95	2427
OXJ 95	2470
OXJ 95	2423
OXJ 95	2444
SK 62	4302

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À l'attention de Monsieur Pascal Simard

Client: Mines Virginia
300, rue St-Paul Suite 200
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Date d'émission: 16 sept. 2013
Date de réception: 26 août 2013
Date d'analyse: 11 sept. 2013
Projet: Fosse - Au
Certificat: 33716

MÉTHODE ACCRÉDITÉE

TMT-G5B	Au par pyro-analyse, collection avec bouton de plomb, finition par Spectrométrie d'absorption Atomique à la flamme, après digestion d'Aqua Regia par micro-ondes.
TMT-G5C	Au par pyro-analyse, collection avec bouton de plomb finition gravimétrique.
TMT-G5E	Pt, Pd par absorption atomique - four au graphite (GFAA)
TMT-G5F	Métaux par spectroscopie d'émission à plasma couplé par induction (ICP), digestion Aqua Regia

MÉTHODE NON ACCRÉDITÉE

TMT-G5G	Argent par Gravimétrie
TMT-G5G 2	Densité
TMT-G5Z	Titration du Zinc pour concentrés.

MÉTHODE ACCRÉDITÉE PAR LE CCN

Méthode	*Paramètre*	*Limite de détection*	*Méthode*	*Paramètre*	*Limite de détection*
TMT-G5B	Au ppb (5 ml)	6	TMT-G5F	Ag ppm	0.2
TMT-G5B	Au g/t (10 ml)	0.01	TMT-G5F	Co ppm	1
TMT-G5C	Au gravimétrie g/t	0.05	TMT-G5F	Cu ppm	1
TMT-G5E	Pd ppb	4	TMT-G5F	Ni ppm	2
TMT-G5E	Pt ppb	5	TMT-G5F	Pb ppm	3
			TMT-G5F	Zn ppm	1

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Client :
Monsieur Pascal Simard

Mines Virginia
300, rue St-Paul Suite 200
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Date d'émission: 6 nov. 2013
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Date d'analyses: 3 nov. 2013
Projet: Fosse - Au
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Notes : Version 2: Ajout des analyses de Pt et Pd, à la demande du client.

Ce certificat remplace et annule tous certificats antérieurs, le cas échéant.

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® Ces résultats ne se rapportent qu'aux échantillons soumis pour analyse.

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Les résultats des échantillons sont vérifiés et approuvés par:

Mathieu RANCOURT, chimiste 2007-109

CHIMISTE
Mathieu Rancourt
2007-109
QUÉBEC

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À l'attention de Monsieur Pascal Simard

Client Mines Virginia
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Tél.: 418-694-9832
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Projet : Fosse - Au
Certificat : 33716-C

Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287035	<6		
287036	52		
287037	<6		
287038	<6		
287039	<6		
287040	<6		
287041	<6		
287042	19		
287043	9	<5	<4
287044	27		
287045	12		
287046	18		
287047	<6		
287048	21		
287049	<6		
287050	<6		
287451	<6		
287452	53		
287453	10		
287454	<6		
287455	<6		
287456	<6	13	39
287457	<6		
287458	<6		
287459	<6		
287460	<6		
287461	<6		
287462	<6		
287232	22		
287233	<6		
287234	<6		
287235	<6		
287236	<6		
287237	<6		
287238	<6		
287239	7		
287240	<6		
287241	<6		
287242	<6		

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Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287243	<6		
287244	<6		
287245	<6		
287246	<6		
287247	<6		
287248	24		
287249	<6		
287250	27		
287501	9		
287502	<6		
287503	15		
287504	7		
287505	24		
287506	<6		
287507	13		
287508	<6		
287509	<6		
287510	<6		
287511	<6		
287512	<6		
287513	<6		
287514	<6		
287515	<6		
287516	<6		
287517	<6		
287651	<6		
287652	25		
287653	23		
287654	<6		
287655	8		
287656	<6		
287657	<6		
287658	<6		
287659	<6		
287660	<6		
287661	10		
287662	7		
287663	<6		
287664	8		

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Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287665	<6		
287587	12		
287588	69	<5	<4
287589	7		
287590	12		
287591	48		
287592	<6		
287593	10		
287594	<6		
287595	<6		
287596	<6		
287597	<6		
287598	<6		
287599	<6		
287600	<6		
287121	<6		
287122	46		
287123	22		
287124	<6		
287125	13		
287126	34		
287127	<6		
287128	32		
287129	<6		
287130	13		
287131	<6		
287132	<6		
287133	<6		
287134	<6		
287135	<6		
287136	<6		
287137	16		
287138	<6		
287139	<6		
287140	<6		
287141	14		
287142	8		
287143	28		
287144	<6		

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Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287145	<6		
287146	14		
287147	<6		
287148	<6		
287149	<6		
287150	<6		
287281	<6	<5	<4
287282	<6		
287283	<6		
287284	<6		
287285	<6		
287286	<6		
287287	<6		
287288	<6		
287289	<6		
287290	<6		
287291	24		
287292	<6	<5	<4
287293	<6		
287294	46	<5	<4
287295	8		
287296	<6		
287297	<6		
287298	<6		
287299	20		
287300	1247	<5	<4
287701	25		
287702	<6		
287703	<6		
287704	<6		
287705	<6		
287706	15		
287707	12		
287708	17		
287709	<6		
287710	<6		
287711	<6		
287712	<6		
287713	<6		

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Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287714	<6		
287715	<6		
287716	11		
287717	<6		
287718	<6		
287719	<6		
287720	7		
287721	7		
287722	18		
287723	7		
287724	<6		
287725	29		
287726	<6		
287727	<6		
287728	<6		
287729	48		
287730	<6		
287731	<6		
287732	17	62	96
287733	373		
287734	<6		
287735	<6		
287736	<6		
287737	<6		
287738	<6		
287739	<6		
287740	7		
287741	<6		
287742	<6		
287743	<6		
287744	<6		
287745	<6		
287080	7		
287081	<6		
287082	<6		
287083	<6		
287084	<6		
287085	<6		
287086	8		

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Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
287087	<6		
287088	12		
287089	<6		
287090	<6		
287091	<6		
287092	<6		
287093	<6		
287094	7		
287095	<6		
287096	22		
287097	35		
287098	50		
287099	17		
287100	7		
287412	19		
287413	29		
287414	<6		
287415	56		
287416	7		
287424	7		
287425	<6		
287426	9		
287151	38		
287152	<6		
287153	10		
287043-Dup	17		
287233-Dup	7		
287506-Dup	<6		
287652-Dup	41		
287596-Dup	<6		
287136-Dup	8		
287287-Dup	<6		
287299-Dup	20		
287710-Dup	<6		
287723-Dup	7		
287744-Dup	<6		
287099-Dup	17		
287151-Dup	41		

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Projet : Fosse - Au
Certificat : 33716-C

Échantillon #	Au ppb	Pt ppb	Pd ppb
Méthode utilisée:	*TMT-G5B*	*TMT-G5E*	*TMT-G5E*
OXE 106	630		
OXE 106	602		
OXE 106	599		
OXE 106	621		
OXE 106	619		
OXE 106	626		
OXE 106	629		
OXE 106	627		
OXE 106	595		
OXE 106	612		
OXE 106	615		
OXE 106	595		
OXE 106	626		
OXJ 95	2397		
OXJ 95	2356		
OXJ 95	2292		
OXJ 95	2361		
OXJ 95	2416		
OXJ 95	2429		
OXJ 95	2395		
OXJ 95	2433		
OXJ 95	2427		
OXJ 95	2470		
OXJ 95	2423		
OXJ 95	2444		
SK 62	4302		
CDN-PGMS-21		289	1931
CDN-PGMS-22		1318	6234

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CERTIFICAT D'ANALYSE - ANNEXE 1

À l'attention de Monsieur Pascal Simard

Client: Mines Virginia
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Québec (Québec) G1K 7R1

Date d'émission: 6 nov. 2013
Date de réception: 26 août 2013
Date d'analyse: 3 nov. 2013
Projet: Fosse - Au
Certificat: 33716-C

MÉTHODE ACCRÉDITÉE

TMT-G5B	Au par pyro-analyse, collection avec bouton de plomb, finition par Spectrométrie d'absorption Atomique à la flamme, après digestion d'Aqua Regia par micro-ondes.
TMT-G5C	Au par pyro-analyse, collection avec bouton de plomb finition gravimétrique.
TMT-G5E	Pt, Pd par absorption atomique - four au graphite (GFAA)
TMT-G5F	Métaux par spectroscopie d'émission à plasma couplé par induction (ICP), digestion Aqua Regia

MÉTHODE NON ACCRÉDITÉE

TMT-G5G	Argent par Gravimétrie
TMT-G5G 2	Densité
TMT-G5Z	Titration du Zinc pour concentrés.

MÉTHODE ACCRÉDITÉE PAR LE CCN

Méthode	*Paramètre*	*Limite de détection*	*Méthode*	*Paramètre*	*Limite de détection*
TMT-G5B	Au ppb (5 ml)	6	TMT-G5F	Ag ppm	0.2
TMT-G5B	Au g/t (10 ml)	0.01	TMT-G5F	Co ppm	1
TMT-G5C	Au gravimétrie g/t	0.05	TMT-G5F	Cu ppm	1
TMT-G5E	Pd ppb	4	TMT-G5F	Ni ppm	2
TMT-G5E	Pt ppb	5	TMT-G5F	Pb ppm	3
			TMT-G5F	Zn ppm	1

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Quality Analysis ... *Innovative Technologies*

Date Submitted: 28-Aug-13
Invoice No.: A13-10558
Invoice Date: 08-Oct-13
Your Reference: FOSSE-AU

Mines Virginia Inc.
300 rue St. Paul, Suite 200
Quebec QC G1K 7R1
Canada

ATTN: Lucie Desauniers

CERTIFICATE OF ANALYSIS

132 Soil samples were submitted for analysis.

The following analytical package was requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A13-10558**

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Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

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Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1	5
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13-001F	< 2	0.3	111	< 0.3	< 1	14	35	59	0.01	7.83	6.5	530	2	< 2	5.1	1.61	15	54	< 1	1.0	3.84	6	< 1	< 5
FAU-13-002F	< 2	< 0.3	10	< 0.3	< 1	15	18	31	0.01	6.93	2.7	480	1	< 2	10.1	1.73	10	57	< 1	0.9	3.40	11	< 1	< 5
FAU-13-003F	< 2	0.5	18	< 0.3	2	15	20	29	0.02	6.92	4.5	480	1	< 2	20.0	1.69	8	55	< 1	0.7	3.26	7	< 1	< 5
FAU-13-004F	< 2	0.4	22	< 0.3	2	15	24	34	0.02	7.18	4.4	520	1	< 2	3.8	1.73	12	53	< 1	0.5	2.88	8	< 1	< 5
FAU-13-005F	< 2	< 0.3	49	< 0.3	< 1	14	28	37	0.01	7.42	7.1	490	1	< 2	< 0.5	1.88	15	57	< 1	0.7	3.02	8	< 1	< 5
FAU-13-006F	< 2	< 0.3	42	< 0.3	< 1	14	30	52	0.02	7.32	4.9	440	2	< 2	8.8	1.35	12	48	2	0.8	3.82	6	< 1	< 5
FAU-13-007F	< 2	0.6	28	< 0.3	3	14	27	41	0.01	3.83	5.1	410	1	< 2	2.7	1.54	16	56	3	0.8	3.24	8	< 1	< 5
FAU-13-008F	< 2	0.8	15	< 0.3	2	12	21	34	0.02	6.67	< 0.5	550	1	< 2	8.3	1.63	8	50	2	0.8	2.73	7	< 1	< 5
FAU-13-009F	< 2	0.6	21	< 0.3	< 1	15	28	45	0.01	7.24	2.7	410	1	< 2	< 0.5	1.86	12	51	4	0.9	3.27	7	< 1	< 5
FAU-13-010F	< 2	0.9	20	< 0.3	< 1	12	25	37	0.02	7.22	4.3	450	1	< 2	< 0.5	2.01	10	61	1	1.0	3.31	13	< 1	< 5
FAU-13-011F	< 2	0.6	24	< 0.3	< 1	14	30	59	0.01	7.32	6.0	470	2	< 2	< 0.5	1.84	11	58	4	0.9	3.41	7	< 1	< 5
FAU-13-012F	< 2	0.5	32	< 0.3	< 1	15	33	60	0.01	7.57	7.3	690	2	< 2	< 0.5	1.61	14	58	2	1.0	4.17	7	< 1	< 5
FAU-13-013F	< 2	0.3	8	< 0.3	1	16	25	65	0.02	6.93	4.6	370	1	< 2	14.6	1.65	8	57	< 1	1.2	3.23	9	< 1	< 5
FAU-13-014F	< 2	< 0.3	30	< 0.3	< 1	12	31	52	< 0.01	7.26	7.9	570	2	< 2	< 0.5	1.44	13	62	2	1.1	4.19	8	< 1	< 5
FAU-13-015F	< 2	0.6	23	< 0.3	< 1	13	34	55	0.01	7.31	< 0.5	480	2	< 2	< 0.5	1.81	16	72	< 1	1.0	3.53	8	< 1	< 5
FAU-13-018F	< 2	< 0.3	23	< 0.3	< 1	14	30	47	0.01	7.20	7.1	420	2	< 2	< 0.5	1.41	15	54	3	0.9	3.73	7	< 1	< 5
FAU-13-019F	< 2	< 0.3	32	< 0.3	< 1	17	33	42	0.04	7.08	19.5	400	1	< 2	34.9	1.39	15	79	< 1	1.1	4.74	10	< 1	< 5
FAU-13-020F	< 2	0.5	12	< 0.3	2	11	20	27	0.01	7.20	< 0.5	480	1	< 2	< 0.5	1.96	8	50	< 1	0.8	2.51	9	< 1	< 5
FAU-13-021F	< 2	0.5	10	< 0.3	2	14	20	30	0.01	7.13	2.6	530	1	< 2	< 0.5	1.92	11	50	< 1	0.8	2.96	10	< 1	< 5
FAU-13-022F	< 2	< 0.3	23	< 0.3	< 1	14	37	52	0.02	8.05	< 0.5	550	2	< 2	< 0.5	1.80	12	78	< 1	1.1	3.66	8	< 1	< 5
FAU-13-023F	< 2	0.7	7	< 0.3	2	14	23	29	0.01	7.30	< 0.5	400	1	< 2	< 0.5	2.04	9	63	2	0.8	2.74	9	< 1	< 5
FAU-13-024F	< 2	0.6	13	< 0.3	2	14	25	31	0.01	7.30	< 0.5	330	1	< 2	< 0.5	1.96	8	61	< 1	0.8	2.60	8	< 1	< 5
FAU-13-025F	< 2	0.6	10	< 0.3	2	11	19	28	0.01	6.78	< 0.5	630	1	< 2	< 0.5	1.98	8	53	< 1	1.0	2.84	10	< 1	< 5
FAU-13-026F	< 2	0.4	14	< 0.3	< 1	11	30	46	0.02	7.40	2.6	580	2	< 2	6.2	1.98	10	59	3	0.9	3.48	8	< 1	< 5
FAU-13-027F	< 2	0.6	18	< 0.3	< 1	14	25	36	0.02	7.35	< 0.5	420	2	< 2	< 0.5	1.91	8	49	3	0.8	2.84	8	< 1	< 5
FAU-13-028F	< 2	0.8	14	< 0.3	4	12	38	32	0.02	3.68	3.5	540	1	< 2	< 0.5	1.69	8	62	< 1	1.0	2.82	9	< 1	< 5
FAU-13-029F	< 2	1.2	5	< 0.3	< 1	12	19	41	0.06	6.85	4.0	600	1	< 2	6.1	1.78	6	71	1	0.9	4.21	16	< 1	< 5
FAU-13-030F	< 2	0.9	92	0.6	6	25	54	201	0.02	7.08	36.3	520	2	< 2	3.1	1.61	19	63	< 1	1.5	5.96	14	< 1	< 5
FAU-13-032F	< 2	0.3	32	< 0.3	< 1	19	36	59	0.04	6.03	18.6	430	1	< 2	11.4	2.16	30	63	< 1	1.4	7.11	7	< 1	< 5
FAU-13-033F	< 2	< 0.3	49	< 0.3	< 1	16	39	57	0.01	7.86	4.7	610	2	< 2	< 0.5	1.43	15	75	< 1	1.3	4.51	7	< 1	< 5
FAU-13-035F	< 2	< 0.3	33	< 0.3	< 1	14	35	57	0.01	7.59	5.8	620	2	< 2	< 0.5	1.58	15	63	1	1.0	4.08	8	< 1	< 5
FAU-13-036F	< 2	< 0.3	18	< 0.3	< 1	14	27	42	0.01	7.38	5.5	630	2	< 2	< 0.5	1.77	13	63	< 1	0.9	3.38	8	< 1	< 5
FAU-13-037F	< 2	0.5	26	< 0.3	< 1	13	33	54	0.02	7.44	< 0.5	410	2	< 2	4.8	1.83	10	59	< 1	0.9	3.40	8	< 1	< 5
FAU-13-039F	< 2	< 0.3	35	< 0.3	< 1	15	35	52	0.01	7.34	7.1	570	2	< 2	< 0.5	1.31	15	72	2	1.1	4.60	8	< 1	< 5
FAU-13-038F	< 2	0.4	19	< 0.3	< 1	13	26	40	0.01	7.43	3.5	410	2	< 2	< 0.5	1.70	10	56	2	0.8	3.38	7	< 1	< 5
FAU-13-040F	< 2	0.8	23	< 0.3	< 1	14	27	46	0.01	7.06	5.3	450	1	< 2	< 0.5	1.77	13	76	< 1	1.0	3.41	10	< 1	< 5
FAU-13-041F	< 2	0.6	16	< 0.3	< 1	10	26	38	0.01	5.71	3.7	450	1	< 2	< 0.5	1.56	10	58	2	0.8	3.16	7	< 1	< 5
FAU-13-042F	< 2	0.6	11	< 0.3	< 1	15	25	37	0.03	6.95	6.4	410	1	< 2	23.9	1.49	17	60	2	1.1	3.86	6	< 1	< 5
FAU-13-043F	< 2	0.8	23	< 0.3	< 1	15	26	40	0.02	7.27	6.1	510	1	< 2	4.8	1.81	10	64	2	1.1	3.59	10	< 1	< 5
FAU-13-044F	< 2	0.4	26	< 0.3	< 1	13	29	40	0.02	7.21	10.0	650	2	< 2	8.5	1.65	11	65	2	0.8	3.40	10	< 1	< 5
FAU-13-045F	< 2	0.8	73	< 0.3	< 1	15	39	67	0.02	6.27	5.3	380	2	< 2	< 0.5	0.95	16	48	6	1.4	10.2	7	< 1	< 5
FAU-13-046F	< 2	0.5	41	< 0.3	< 1	13	45	58	0.02	7.89	5.8	460	2	< 2	< 0.5	1.77	19	66	2	1.1	3.92	7	< 1	< 5
FAU-13-048F	< 2	0.4	35	< 0.3	< 1	16	38	59	0.01	8.42	4.6	500	2	< 2	5.6	1.51	16	66	2	0.7	3.86	7	< 1	< 5
FAU-13-049F	2	0.5	34	< 0.3	< 1	16	33	71	0.02	7.34	28.9	680	2	< 2	3.6	1.90	11	59	2	1.1	3.72	10	< 1	< 5
FAU-13-050F	< 2	0.8	31	< 0.3	< 1	17	27	50	0.01	5.83	7.1	590	1	< 2	< 0.5	1.70	18	59	< 1	1.0	4.13	13	< 1	< 5
FAU-13-051F	< 2	1.0	12	< 0.3	< 1	11	22	40	0.01	6.73	4.6	440	1	< 2	< 0.5	1.61	10	49	< 1	1.0	3.74	10	< 1	< 5
FAU-13-052F	< 2	0.7	26	< 0.3	< 1	13	32	70	0.02	7.23	6.3	420	2	< 2	< 0.5	1.55	15	63	3	0.9	4.00	9	< 1	< 5
FAU-13-053F	< 2	0.7	27	< 0.3	< 1	14	31	56	0.02	7.24	4.1	550	2	< 2	7.1	1.59	15	68	4	0.8	4.03	11	< 1	< 5
FAU-13-055F	< 2	0.4	27	< 0.3	< 1	11	93	68	0.03	7.41	128	450	1	< 2	6.4	2.52	41	554	4	1.1	4.90	6	< 1	< 5
FAU-13-056F	< 2	< 0.3	51	< 0.3	< 1	16	28	45	0.01	6.59	11.8	430	2	< 2	< 0.5	1.24	15	49	5	1.4	5.51	9	< 1	< 5
FAU-13-057F	< 2	< 0.3	99	< 0.3	< 1	21	51	67	0.01	7.13	24.8	460	2	< 2	< 0.5	1.41	27	85	4	1.0	5.38	10	< 1	< 5

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1	5
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13-058F	< 2	< 0.3	90	< 0.3	< 1	16	28	57	0.02	6.39	10.8	460	2	< 2	9.5	1.35	18	56	4	0.9	7.55	9	< 1	< 5
FAU-13-059F	4	< 0.3	55	< 0.3	< 1	18	38	68	0.01	7.33	8.9	450	2	< 2	< 0.5	1.45	18	65	4	1.3	5.40	9	< 1	< 5
FAU-13-060F	< 2	0.8	33	< 0.3	< 1	13	22	34	0.01	6.73	4.4	520	1	< 2	4.6	1.80	10	56	1	1.0	3.71	13	< 1	< 5
FAU-13-061F	< 2	0.6	44	0.5	1	14	32	183	0.02	6.47	5.1	350	1	< 2	3.6	1.87	16	51	3	1.1	4.06	9	< 1	< 5
FAU-13-062F	< 2	< 0.3	50	< 0.3	< 1	19	48	77	0.01	7.83	10.4	670	2	< 2	< 0.5	1.39	25	80	4	1.4	4.95	9	< 1	< 5
FAU-13-063F	21	0.6	43	< 0.3	3	23	10	158	0.50	5.67	19.1	290	2	< 2	< 0.5	0.06	4	71	4	0.5	17.1	2	< 1	< 5
FAU-13-064F	< 2	0.5	16	< 0.3	< 1	14	26	37	0.01	6.95	4.0	550	1	< 2	< 0.5	1.59	10	77	< 1	1.1	3.28	7	< 1	< 5
FAU-13-065F	< 2	0.5	23	< 0.3	< 1	15	31	50	0.01	7.29	4.0	600	2	< 2	< 0.5	1.54	13	59	3	1.2	3.55	7	< 1	< 5
FAU-13-066F	< 2	< 0.3	27	< 0.3	< 1	15	32	43	0.01	7.06	2.6	580	2	< 2	< 0.5	1.65	15	88	< 1	1.1	3.79	11	< 1	< 5
FAU-13-067F	< 2	< 0.3	41	< 0.3	< 1	13	35	46	0.02	7.85	< 0.5	600	2	< 2	6.6	1.62	12	74	2	1.3	3.10	6	< 1	< 5
FAU-13-068F	< 2	< 0.3	17	< 0.3	< 1	16	32	46	0.01	7.50	3.3	610	2	< 2	< 0.5	1.66	14	77	< 1	1.0	3.55	9	< 1	< 5
FAU-13-069F	< 2	0.4	13	< 0.3	< 1	15	30	45	0.01	7.47	< 0.5	580	2	< 2	< 0.5	1.62	13	67	< 1	1.3	3.58	8	< 1	< 5
FAU-13-071F	< 2	< 0.3	144	< 0.3	< 1	18	86	116	0.02	7.67	17.1	600	2	< 2	< 0.5	0.85	46	98	< 1	2.9	8.06	7	< 1	< 5
FAU-13-072F	< 2	0.8	54	< 0.3	< 1	6	49	71	< 0.01	2.81	7.5	590	2	5	6.7	0.40	20	89	< 1	1.7	5.34	6	< 1	< 5
FAU-13-073F	< 2	0.9	59	< 0.3	< 1	13	109	60	0.01	6.80	5.3	640	1	< 2	< 0.5	1.78	14	55	< 1	0.9	3.95	12	< 1	< 5
FAU-13-074F	< 2	0.9	45	< 0.3	1	14	34	73	0.02	6.94	5.1	540	1	< 2	4.7	1.50	12	75	< 1	0.9	5.04	9	< 1	< 5
FAU-13-075F	< 2	< 0.3	27	< 0.3	< 1	17	32	47	0.02	7.68	2.5	540	2	< 2	12.4	1.39	17	63	2	0.9	4.59	8	< 1	< 5
FAU-13-076F	< 2	0.4	20	< 0.3	< 1	14	25	46	0.01	7.25	2.6	600	2	< 2	< 0.5	1.74	12	56	< 1	1.4	3.80	9	< 1	< 5
FAU-13-077F	< 2	0.3	71	< 0.3	< 1	21	48	114	0.03	7.38	< 0.5	590	1	< 2	< 0.5	1.24	21	58	1	1.3	5.85	6	< 1	< 5
FAU-13-078F	< 2	0.5	15	< 0.3	4	13	22	55	0.02	7.25	< 0.5	690	1	< 2	9.0	1.38	8	56	2	0.9	2.86	8	< 1	< 5
FAU-13-079F	< 2	0.4	33	< 0.3	< 1	16	31	72	0.02	7.41	3.8	660	2	< 2	5.2	1.49	16	60	< 1	1.0	4.21	7	< 1	< 5
FAU-13-080F	< 2	0.6	43	< 0.3	< 1	22	42	73	0.03	8.01	6.7	330	2	< 2	< 0.5	1.28	19	78	3	1.4	5.00	9	< 1	< 5
FAU-13-081F	18	< 0.3	92	0.5	< 1	20	65	214	0.02	6.66	15.9	730	2	< 2	3.1	1.09	37	82	3	1.5	7.75	7	< 1	< 5
FAU-13-082F	21	0.7	15	< 0.3	< 1	22	23	60	0.01	6.02	12.8	360	1	< 2	< 0.5	1.40	14	72	< 1	1.1	4.35	9	< 1	< 5
FAU-13-083F	< 2	0.8	37	< 0.3	< 1	15	29	48	0.02	6.77	18.6	740	1	< 2	5.2	1.47	22	81	< 1	1.1	4.21	9	< 1	< 5
FAU-13-084F	< 2	0.4	12	< 0.3	1	14	19	43	0.01	6.91	4.8	570	2	< 2	< 0.5	1.64	12	48	< 1	0.7	3.05	9	< 1	< 5
FAU-13-085F	< 2	0.6	13	< 0.3	< 1	13	22	37	0.01	7.13	3.1	540	2	< 2	< 0.5	1.69	12	62	< 1	1.0	3.20	8	< 1	< 5
FAU-13-086F	< 2	0.3	9	< 0.3	< 1	16	22	48	0.02	7.18	3.8	630	2	< 2	3.5	1.85	13	48	< 1	1.2	3.36	8	< 1	< 5
FAU-13-087F	< 2	0.7	26	< 0.3	< 1	15	25	52	0.02	7.39	4.3	640	2	< 2	< 0.5	1.77	13	60	2	1.2	3.31	10	< 1	< 5
FAU-13-088F	< 2	0.7	14	< 0.3	1	16	23	37	0.02	7.27	3.8	630	2	< 2	3.5	1.78	13	48	< 1	1.0	3.08	7	< 1	< 5
FAU-13-089F	< 2	0.7	34	< 0.3	< 1	15	34	58	0.02	7.38	5.9	580	2	< 2	6.8	1.67	16	59	< 1	1.2	3.48	8	< 1	< 5
FAU-13-090F	< 2	0.6	33	< 0.3	< 1	13	29	59	0.02	7.54	5.8	710	2	< 2	6.0	1.74	17	56	< 1	1.0	3.38	8	< 1	< 5
FAU-13-091F	< 2	0.8	31	< 0.3	< 1	15	34	50	0.02	7.47	24.6	470	2	< 2	5.6	1.64	16	50	< 1	1.1	3.36	8	< 1	< 5
FAU-13-092F	< 2	0.7	22	< 0.3	< 1	16	34	57	0.01	7.84	5.3	580	2	< 2	< 0.5	1.67	15	66	2	1.1	3.55	10	< 1	< 5
FAU-13-093F	< 2	0.6	31	< 0.3	< 1	14	29	66	0.02	7.38	6.5	860	2	< 2	< 0.5	1.77	17	56	< 1	1.1	3.68	6	< 1	< 5
FAU-13-094F	< 2	< 0.3	25	< 0.3	< 1	19	23	47	0.01	7.20	4.2	510	2	< 2	3.8	1.26	14	70	< 1	1.1	4.01	12	< 1	< 5
FAU-13-095F	< 2	< 0.3	32	< 0.3	< 1	16	33	54	0.02	7.45	18.7	720	2	< 2	9.7	1.25	24	86	5	0.8	4.20	8	< 1	< 5
FAU-13-096F	< 2	0.6	49	< 0.3	< 1	17	35	55	0.03	6.73	51.1	470	1	< 2	10.1	1.60	37	76	1	1.0	4.34	6	< 1	< 5
FAU-13-097F	< 2	0.8	7	< 0.3	2	15	19	35	0.02	6.82	4.5	680	2	< 2	< 0.5	1.72	10	68	1	0.9	3.14	10	< 1	< 5
FAU-13-098F	< 2	0.6	36	< 0.3	< 1	16	28	57	0.02	7.45	3.3	700	2	< 2	6.9	1.74	16	56	< 1	1.0	3.28	6	< 1	< 5
FAU-13-099F	5	0.9	30	< 0.3	< 1	14	26	68	0.02	7.42	7.3	600	2	< 2	< 0.5	1.89	12	54	< 1	0.9	3.50	9	< 1	< 5
FAU-13-100F	< 2	0.7	53	0.5	< 1	14	46	140	0.01	7.54	11.6	640	2	< 2	< 0.5	1.66	17	73	3	1.4	4.45	8	< 1	< 5
FAU-13-101F	< 2	0.4	38	< 0.3	3	16	28	53	0.02	7.13	10.1	630	2	< 2	< 0.5	2.22	10	63	< 1	1.5	3.75	13	< 1	< 5
FAU-13-102F	< 2	0.5	18	< 0.3	2	14	23	45	0.01	7.65	7.6	650	2	< 2	< 0.5	1.89	10	54	< 1	0.9	2.78	9	< 1	< 5
FAU-13-103F	< 2	0.9	34	< 0.3	2	23	38	73	0.02	7.75	16.0	820	2	< 2	< 0.5	1.81	17	64	< 1	1.3	4.32	8	< 1	< 5
FAU-13-104F	< 2	0.8	27	< 0.3	2	15	25	71	0.02	7.51	10.0	540	2	< 2	< 0.5	1.92	10	53	< 1	1.1	3.25	9	< 1	< 5
FAU-13-105F	19	0.8	95	1.0	9	20	45	263	0.02	6.99	33.9	620	2	< 2	4.9	1.93	16	61	< 1	1.4	5.51	10	< 1	< 5
FAU-13-108F	< 2	0.6	32	< 0.3	3	16	27	37	0.05	6.69	49.8	350	1	< 2	7.6	1.31	9	85	5	0.9	7.76	8	< 1	< 5
FAU-13-110F	< 2	0.6	23	< 0.3	1	13	40	77	0.02	7.89	16.0	1170	2	< 2	4.1	1.82	12	90	< 1	1.0	4.27	6	< 1	< 5
FAU-13-112F	< 2	0.4	71	< 0.3	10	62	31	87	0.34	6.57	32.3	980	2	< 2	4.3	0.93	9	87	9	0.9	9.72	9	< 1	< 5
FAU-13-114F	< 2	0.8	16	< 0.3	2	16	20	38	0.01	6.85	5.4	910	2	< 2	< 0.5	1.95	14	57	< 1	0.8	2.84	9	< 1	< 5

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1	5
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13-116F	< 2	0.7	23	< 0.3	< 1	14	24	50	0.01	5.54	4.3	970	2	< 2	< 0.5	1.48	16	75	3	0.9	3.46	8	< 1	< 5
FAU-13-117F	< 2	0.5	20	< 0.3	< 1	12	30	58	0.01	6.92	6.0	900	2	< 2	< 0.5	1.22	13	87	< 1	0.6	4.11	5	< 1	< 5
FAU-13-119F	8	1.0	90	0.9	4	27	58	186	0.02	6.94	28.6	950	2	< 2	4.1	1.85	22	53	< 1	1.2	5.02	11	< 1	< 5
FAU-13-122F	< 2	0.6	46	0.3	< 1	17	33	96	0.02	7.46	3.3	720	2	< 2	< 0.5	1.78	16	70	4	0.8	3.47	13	< 1	< 5
FAU-13-123F	< 2	0.7	57	< 0.3	6	20	22	120	0.03	7.33	12.0	980	2	< 2	< 0.5	1.74	17	63	< 1	0.9	3.93	11	< 1	< 5
FAU-13-124F	13	0.7	72	< 0.3	1	23	40	94	0.02	8.12	12.7	1130	2	< 2	8.4	1.62	20	80	4	1.0	4.24	11	< 1	< 5
FAU-13-151F	< 2	< 0.3	132	0.6	12	33	75	251	0.02	5.72	81.2	540	2	< 2	4.3	1.36	26	74	4	2.5	9.71	8	< 1	< 5
FAU-13-125F	< 2	0.6	16	< 0.3	< 1	18	22	40	0.01	7.30	4.4	710	2	< 2	< 0.5	1.72	16	52	< 1	1.0	3.08	8	< 1	< 5
FAU-13-126F	< 2	0.5	30	< 0.3	< 1	19	29	65	0.01	7.90	4.3	720	2	< 2	3.6	1.62	16	63	2	0.7	3.44	9	< 1	< 5
FAU-13-127F	< 2	0.9	13	< 0.3	< 1	17	23	39	0.01	7.27	4.3	880	2	< 2	< 0.5	1.98	13	54	< 1	1.0	3.15	9	< 1	< 5
FAU-13-128F	< 2	0.7	14	< 0.3	< 1	18	27	44	0.02	7.51	3.8	910	2	< 2	2.2	1.83	12	56	< 1	0.9	3.28	8	< 1	< 5
FAU-13-129F	< 2	0.9	19	< 0.3	2	16	22	49	0.01	5.29	6.4	790	2	< 2	2.6	1.70	15	62	< 1	0.7	3.24	10	< 1	< 5
FAU-13-130F	< 2	0.8	16	< 0.3	< 1	14	23	44	0.01	7.20	7.2	680	2	< 2	2.6	1.77	15	45	< 1	0.9	3.06	9	< 1	< 5
FAU-13-131F	< 2	0.8	12	< 0.3	1	16	20	43	0.02	7.42	3.9	1120	2	< 2	2.5	1.81	12	51	3	0.9	3.19	8	< 1	< 5
FAU-13-132F	< 2	0.7	55	< 0.3	< 1	15	26	78	0.01	7.29	8.9	700	2	< 2	< 0.5	1.50	14	54	2	1.1	3.73	9	< 1	< 5
FAU-13-133F	< 2	< 0.3	81	< 0.3	< 1	13	38	82	0.03	7.23	13.5	760	2	< 2	7.6	1.16	18	94	3	0.6	6.18	7	< 1	< 5
FAU-13-134F	< 2	1.0	24	< 0.3	3	14	20	55	0.02	6.99	7.6	700	2	< 2	2.8	1.65	11	59	< 1	0.9	3.51	10	< 1	< 5
FAU-13-135F	< 2	0.9	9	< 0.3	1	15	17	30	0.02	6.76	< 0.5	790	2	< 2	< 0.5	2.01	10	61	< 1	1.0	3.00	12	< 1	< 5
FAU-13-136F	< 2	0.4	21	< 0.3	< 1	15	23	45	0.02	7.49	1.8	780	2	< 2	< 0.5	2.03	11	59	< 1	0.8	3.06	10	< 1	< 5
FAU-13-137F	< 2	0.6	41	< 0.3	< 1	15	35	89	0.02	7.72	9.2	930	2	< 2	3.1	1.69	15	68	2	1.5	4.61	7	< 1	< 5
FAU-13-138F	< 2	< 0.3	39	< 0.3	< 1	15	29	76	0.02	7.55	8.9	1010	2	< 2	4.9	1.75	14	66	2	0.9	4.05	11	< 1	< 5
FAU-13-139F	< 2	0.8	16	< 0.3	< 1	13	24	52	0.01	3.24	9.3	1170	2	< 2	3.9	1.19	17	80	< 1	0.9	3.96	11	< 1	< 5
FAU-13-140F	< 2	0.9	21	< 0.3	< 1	15	24	56	0.01	7.01	7.3	1060	2	< 2	< 0.5	1.79	14	59	< 1	1.0	3.54	10	< 1	< 5
FAU-13-141F	< 2	0.9	12	< 0.3	< 1	13	24	72	0.02	7.37	7.2	1260	2	< 2	< 0.5	1.62	12	61	6	1.1	3.61	11	< 1	< 5
FAU-13-142F	< 2	0.6	14	< 0.3	2	13	18	39	0.01	6.99	7.7	670	2	< 2	< 0.5	1.87	12	61	< 1	1.1	3.69	12	< 1	< 5
FAU-13-143F	< 2	0.3	31	< 0.3	3	16	30	68	0.01	7.42	13.3	1010	2	< 2	< 0.5	1.40	23	66	< 1	1.3	4.26	9	< 1	< 5
FAU-13-144F	< 2	0.5	25	< 0.3	< 1	18	26	58	0.02	7.34	6.6	890	2	< 2	5.7	1.39	14	69	< 1	0.9	4.35	9	< 1	< 5

Analyte Symbol	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13-001F	2.48	21	1.12	652	2.13	0.054	68	< 0.1	9.8	< 3	272	< 0.5	0.28	11.2	< 0.5	74	< 1	12	39.6	78	12	4.2	< 0.01	< 0.5
FAU-13-002F	2.10	12	0.67	460	2.20	0.038	69	< 0.1	7.6	< 3	300	< 0.5	0.26	8.5	1.4	46	< 1	12	29.5	61	19	4.1	< 0.01	< 0.5
FAU-13-003F	2.04	11	0.65	500	2.09	0.060	66	0.3	7.2	< 3	282	< 0.5	0.29	7.1	0.6	62	< 1	10	23.9	55	14	3.5	< 0.01	< 0.5
FAU-13-004F	2.03	12	0.72	555	2.28	0.071	82	< 0.1	7.5	< 3	285	< 0.5	0.28	7.1	1.7	59	< 1	10	26.9	57	13	3.7	< 0.01	< 0.5
FAU-13-005F	2.17	12	0.82	574	2.39	0.065	87	< 0.1	8.5	< 3	305	< 0.5	0.28	6.3	< 0.5	62	< 1	12	27.0	61	12	4.1	< 0.01	< 0.5
FAU-13-006F	1.76	21	0.86	616	2.03	0.074	82	< 0.1	8.5	< 3	233	< 0.5	0.33	11.0	< 0.5	71	< 1	12	34.3	63	17	4.4	< 0.01	< 0.5
FAU-13-007F	1.59	12	0.64	686	2.36	0.068	23	0.3	8.2	< 3	212	< 0.5	0.30	8.6	< 0.5	65	< 1	6	30.7	< 3	19	4.3	< 0.01	< 0.5
FAU-13-008F	1.84	13	0.74	389	2.11	0.064	57	< 0.1	7.7	< 3	270	< 0.5	0.31	6.6	2.0	60	< 1	10	25.3	44	15	3.4	< 0.01	< 0.5
FAU-13-009F	1.73	14	0.91	681	2.32	0.081	51	< 0.1	8.8	< 3	291	< 0.5	0.33	9.6	< 0.5	70	< 1	11	33.5	68	20	4.2	< 0.01	< 0.5
FAU-13-010F	2.13	12	0.81	624	2.48	0.083	92	< 0.1	8.8	< 3	309	< 0.5	0.33	8.7	2.8	69	< 1	13	33.9	64	19	4.5	< 0.01	< 0.5
FAU-13-011F	2.02	15	0.90	707	2.37	0.083	< 15	< 0.1	8.8	< 3	299	< 0.5	0.31	8.9	1.7	68	< 1	14	35.4	61	25	4.8	< 0.01	< 0.5
FAU-13-012F	2.65	19	1.06	737	2.35	0.056	89	< 0.1	10.9	< 3	269	< 0.5	0.19	11.7	3.3	49	< 1	14	48.0	102	16	5.3	< 0.01	< 0.5
FAU-13-013F	2.11	14	0.71	422	2.42	0.049	48	< 0.1	8.4	< 3	278	< 0.5	0.27	7.0	< 0.5	56	< 1	12	71.9	135	47	7.1	< 0.01	< 0.5
FAU-13-014F	1.89	19	0.93	680	2.23	0.051	88	0.5	10.9	< 3	250	< 0.5	0.34	11.3	2.3	67	< 1	15	42.5	91	25	6.2	< 0.01	< 0.5
FAU-13-015F	2.05	18	1.08	825	2.24	0.066	< 15	< 0.1	9.4	< 3	263	< 0.5	0.30	10.4	< 0.5	69	< 1	12	36.5	80	19	4.7	< 0.01	< 0.5
FAU-13-018F	1.68	20	0.89	747	2.11	0.064	76	< 0.1	9.1	< 3	245	< 0.5	0.33	10.1	< 0.5	69	< 1	13	35.9	79	28	4.7	< 0.01	< 0.5
FAU-13-019F	1.36	22	0.93	588	1.71	0.077	102	0.6	9.8	< 3	199	< 0.5	0.35	14.7	2.4	81	< 1	11	31.7	76	9	4.4	< 0.01	< 0.5
FAU-13-020F	1.72	8	0.67	436	2.52	0.064	47	< 0.1	7.6	< 3	328	< 0.5	0.28	6.0	1.6	55	< 1	10	22.5	53	14	3.4	< 0.01	< 0.5
FAU-13-021F	1.87	10	0.70	513	2.40	0.072	54	< 0.1	7.8	< 3	325	< 0.5	0.31	7.6	2.2	59	< 1	12	32.8	65	13	4.3	< 0.01	< 0.5
FAU-13-022F	2.21	20	1.11	647	2.37	0.060	103	0.3	9.5	< 3	292	< 0.5	0.24	9.8	< 0.5	59	< 1	11	29.0	85	21	4.1	< 0.01	< 0.5
FAU-13-023F	2.00	9	0.68	498	2.71	0.082	< 15	< 0.1	7.6	< 3	341	< 0.5	0.28	5.5	< 0.5	55	< 1	11	25.7	57	13	4.0	< 0.01	< 0.5
FAU-13-024F	2.21	10	0.73	499	2.59	0.060	88	< 0.1	8.1	< 3	330	< 0.5	0.25	9.2	< 0.5	51	< 1	10	20.0	65	23	3.8	< 0.01	< 0.5
FAU-13-025F	2.19	9	0.67	463	2.69	0.072	154	< 0.1	8.4	< 3	303	< 0.5	0.29	7.0	1.4	54	< 1	13	39.2	72	22	4.8	< 0.01	< 0.5
FAU-13-026F	2.47	15	0.95	569	2.61	0.079	62	< 0.1	9.7	< 3	305	< 0.5	0.32	10.4	2.5	66	< 1	12	37.8	77	17	4.7	< 0.01	< 0.5
FAU-13-027F	1.99	12	0.79	543	2.53	0.079	56	< 0.1	8.2	< 3	315	< 0.5	0.27	7.8	0.8	56	< 1	12	33.3	66	16	4.0	< 0.01	< 0.5
FAU-13-028F	1.52	11	0.59	436	2.41	0.074	87	0.5	8.2	< 3	243	< 0.5	0.30	8.4	4.1	62	< 1	7	37.1	75	23	4.7	< 0.01	< 0.5
FAU-13-029F	1.90	13	0.82	417	2.43	0.102	70	< 0.1	9.8	< 3	296	< 0.5	0.36	15.8	2.8	78	< 1	14	40.6	81	22	5.4	< 0.01	< 0.5
FAU-13-030F	1.67	17	0.86	977	2.15	0.100	100	3.0	10.6	< 3	262	< 0.5	0.38	12.1	3.3	156	< 1	19	49.8	98	35	6.6	< 0.01	< 0.5
FAU-13-032F	1.76	19	1.25	1590	1.61	0.116	104	< 0.1	13.6	< 3	190	< 0.5	0.43	10.2	< 0.5	126	< 1	18	41.6	91	40	6.6	< 0.01	< 0.5
FAU-13-033F	1.81	26	1.24	890	2.10	0.064	98	< 0.1	11.0	< 3	253	< 0.5	0.34	14.8	< 0.5	81	< 1	16	47.4	92	31	6.1	< 0.01	< 0.5
FAU-13-035F	2.00	18	1.00	718	2.35	0.068	92	< 0.1	10.5	< 3	263	< 0.5	0.34	12.3	2.6	71	< 1	12	38.1	90	29	4.7	< 0.01	< 0.5
FAU-13-036F	2.13	14	0.88	579	2.63	0.066	76	< 0.1	9.9	< 3	296	< 0.5	0.31	8.3	1.8	64	< 1	12	37.6	72	20	4.9	< 0.01	< 0.5
FAU-13-037F	2.29	16	0.94	594	2.35	0.069	112	0.2	9.2	< 3	290	< 0.5	0.36	8.4	2.5	73	< 1	14	39.7	83	14	4.8	< 0.01	< 0.5
FAU-13-039F	1.82	20	0.99	863	2.03	0.051	113	0.7	10.8	< 3	219	< 0.5	0.24	12.7	< 0.5	48	< 1	15	43.7	88	20	5.8	< 0.01	< 0.5
FAU-13-038F	2.00	14	0.88	747	2.51	0.069	62	< 0.1	9.1	< 3	287	< 0.5	0.33	9.4	< 0.5	66	< 1	12	34.9	82	23	4.7	< 0.01	< 0.5
FAU-13-040F	2.13	13	0.85	573	2.45	0.066	80	0.2	9.0	< 3	277	< 0.5	0.23	9.5	1.6	52	< 1	11	36.3	84	23	4.7	< 0.01	< 0.5
FAU-13-041F	1.65	14	0.83	560	2.35	0.067	73	< 0.1	9.0	< 3	248	< 0.5	0.32	8.5	2.8	67	< 1	9	30.2	67	19	4.1	< 0.01	< 0.5
FAU-13-042F	1.72	16	0.80	866	2.12	0.057	30	0.2	8.5	< 3	242	< 0.5	0.29	10.1	1.2	65	< 1	9	24.6	60	17	3.6	< 0.01	< 0.5
FAU-13-043F	1.67	12	0.80	720	2.53	0.073	76	< 0.1	9.0	< 3	306	< 0.5	0.32	8.8	2.2	65	< 1	11	29.4	82	16	4.4	< 0.01	< 0.5
FAU-13-044F	1.61	14	0.87	440	2.29	0.051	101	< 0.1	9.4	< 3	270	< 0.5	0.31	8.2	2.2	66	< 1	11	32.6	74	18	4.3	< 0.01	< 0.5
FAU-13-045F	1.56	32	1.98	3320	2.12	0.064	115	< 0.1	8.9	< 3	116	< 0.5	0.28	14.5	< 0.5	74	< 1	19	65.8	124	62	8.4	< 0.01	0.6
FAU-13-046F	2.25	21	1.16	762	2.41	0.076	83	< 0.1	10.0	< 3	275	< 0.5	0.32	9.7	2.2	74	< 1	11	28.8	74	19	4.1	< 0.01	< 0.5
FAU-13-048F	2.13	26	1.18	851	2.08	0.058	160	0.4	10.3	< 3	251	< 0.5	0.27	13.2	< 0.5	69	< 1	11	29.6	67	31	4.1	< 0.01	< 0.5
FAU-13-049F	2.20	14	0.87	578	2.40	0.071	71	0.4	9.6	< 3	304	< 0.5	0.25	8.5	2.5	58	< 1	14	36.3	77	25	5.2	< 0.01	< 0.5
FAU-13-050F	1.83	12	0.76	873	2.33	0.080	50	0.9	9.3	< 3	257	< 0.5	0.36	10.0	< 0.5	76	< 1	11	35.3	81	19	4.9	< 0.01	< 0.5
FAU-13-051F	1.80	14	0.85	628	2.39	0.037	98	0.3	8.9	< 3	269	< 0.5	0.34	9.1	< 0.5	67	< 1	11	30.2	68	15	4.4	< 0.01	< 0.5
FAU-13-052F	1.68	20	1.00	883	2.15	0.076	91	0.6	8.9	< 3	253	< 0.5	0.33	11.0	2.4	69	< 1	13	37.4	90	20	5.0	< 0.01	< 0.5
FAU-13-053F	1.88	18	0.93	1030	2.16	0.084	< 15	< 0.1	8.8	< 3	258	< 0.5	0.34	10.8	< 0.5	70	< 1	12	32.6	89	25	4.6	< 0.01	< 0.5
FAU-13-055F	2.32	24	2.34	1190	1.83	0.054	78	0.6	19.1	< 3	214	< 0.5	0.22	11.1	< 0.5	80	< 1	15	46.6	141	28	6.6	< 0.01	0.9
FAU-13-056F	2.16	18	0.97	2010	2.19	0.013	< 15	0.6	8.5	< 3	221	< 0.5	0.23	12.0	2.0	51	< 1	14	58.3	119	29	6.4	< 0.01	0.9
FAU-13-057F	1.99	21	1.26	1160	1.60	0.051	71	0.6	12.1	< 3	175	< 0.5	0.29	12.4	< 0.5	65	< 1	14	40.0	98	31	5.5	< 0.01	< 0.5
FAU-13-058F	1.61	18	1.19	1700	1.61	0.042	85	0.3	11.8	< 3	184	< 0.5	0.26	9.4	< 0.5	80	< 1	13	29.0	64	23	4.3	< 0.01	< 0.5

Analyte Symbol	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13-059F	1.67	24	1.46	1310	2.04	0.074	95	0.5	10.0	< 3	241	< 0.5	0.33	15.0	< 0.5	76	< 1	19	64.4	114	40	8.1	< 0.01	< 0.5
FAU-13-060F	1.84	12	0.80	594	2.35	0.083	80	< 0.1	8.8	< 3	272	< 0.5	0.33	9.8	1.9	60	< 1	14	40.0	88	21	5.5	< 0.01	< 0.5
FAU-13-061F	1.80	21	1.78	1230	1.84	0.072	148	0.8	8.6	< 3	211	< 0.5	0.28	8.4	2.1	68	< 1	15	33.7	65	15	4.4	< 0.01	< 0.5
FAU-13-062F	1.46	29	1.35	1340	2.00	0.075	67	0.4	10.6	< 3	236	< 0.5	0.35	17.2	< 0.5	89	< 1	17	53.9	136	41	7.9	< 0.01	< 0.5
FAU-13-063F	1.00	33	2.30	463	0.05	0.140	< 15	0.7	7.8	< 3	35	< 0.5	0.24	11.5	3.0	142	< 1	11	13.5	20	13	2.0	< 0.01	< 0.5
FAU-13-064F	2.01	14	0.79	541	2.30	0.075	115	< 0.1	7.7	< 3	267	< 0.5	0.31	8.7	1.5	60	< 1	13	37.7	81	26	5.4	< 0.01	< 0.5
FAU-13-065F	2.43	16	0.87	767	1.98	0.075	< 15	0.3	7.2	< 3	263	< 0.5	0.22	8.0	< 0.5	49	< 1	13	29.9	84	19	4.5	< 0.01	< 0.5
FAU-13-066F	2.19	16	0.94	670	2.10	0.071	67	< 0.1	8.5	< 3	260	< 0.5	0.33	11.3	1.0	66	< 1	15	42.6	99	17	6.1	< 0.01	< 0.5
FAU-13-067F	2.20	22	1.11	459	2.09	0.078	< 15	< 0.1	8.4	< 3	279	< 0.5	0.33	9.2	3.0	67	< 1	13	34.7	69	20	4.7	< 0.01	< 0.5
FAU-13-068F	2.14	19	1.05	647	2.12	0.084	51	< 0.1	8.2	< 3	295	< 0.5	0.33	11.9	2.0	72	< 1	14	40.3	82	25	5.6	< 0.01	< 0.5
FAU-13-069F	1.82	19	1.02	609	2.11	0.080	65	< 0.1	8.1	< 3	294	< 0.5	0.33	11.5	2.6	70	< 1	15	42.1	84	29	5.9	< 0.01	< 0.5
FAU-13-071F	1.84	37	1.32	1380	1.60	0.089	82	0.3	13.2	< 3	148	< 0.5	0.15	10.8	< 0.5	44	< 1	22	51.3	150	41	9.3	< 0.01	< 0.5
FAU-13-072F	1.58	28	0.90	457	1.86	0.080	109	< 0.1	11.9	< 3	121	< 0.5	0.77	9.5	< 0.5	118	< 1	5	47.7	110	45	8.2	< 0.01	< 0.5
FAU-13-073F	1.97	11	0.80	720	2.33	0.092	115	0.4	8.7	< 3	296	< 0.5	0.33	9.2	2.0	74	< 1	14	33.2	77	38	5.7	< 0.01	< 0.5
FAU-13-074F	1.71	12	0.80	539	2.16	0.045	< 15	< 0.1	8.8	< 3	283	< 0.5	0.33	9.3	3.6	73	< 1	10	27.7	66	26	4.4	< 0.01	< 0.5
FAU-13-075F	1.72	17	0.90	1140	2.05	0.032	123	0.5	9.7	< 3	267	< 0.5	0.33	10.4	< 0.5	74	< 1	11	31.5	77	29	4.7	< 0.01	< 0.5
FAU-13-076F	1.76	14	0.82	814	2.24	0.072	107	< 0.1	8.2	< 3	308	< 0.5	0.31	8.4	< 0.5	66	< 1	13	37.7	97	28	5.5	< 0.01	< 0.5
FAU-13-077F	1.95	19	1.02	1090	1.94	0.052	79	0.2	10.9	< 3	263	< 0.5	0.33	10.7	4.3	86	< 1	12	37.6	92	21	6.0	< 0.01	< 0.5
FAU-13-078F	1.92	13	0.68	407	2.06	0.067	118	< 0.1	7.9	< 3	277	< 0.5	0.29	6.6	< 0.5	57	< 1	9	27.1	63	28	4.0	< 0.01	< 0.5
FAU-13-079F	2.49	16	0.85	1100	2.23	0.040	127	< 0.1	9.0	< 3	289	< 0.5	0.20	10.7	3.1	43	< 1	12	35.2	76	25	5.2	< 0.01	< 0.5
FAU-13-080F	2.62	26	1.14	1370	1.79	0.057	121	< 0.1	10.8	< 3	226	< 0.5	0.32	13.0	2.8	80	< 1	15	54.9	128	52	7.2	< 0.01	< 0.5
FAU-13-081F	1.97	20	1.17	2400	1.78	0.032	122	0.5	14.5	< 3	209	< 0.5	0.28	9.9	5.2	120	< 1	15	38.0	90	37	6.9	< 0.01	< 0.5
FAU-13-082F	1.83	16	1.40	1190	1.97	0.071	86	0.5	7.9	< 3	216	< 0.5	0.27	10.4	2.0	60	< 1	13	47.3	107	39	6.6	< 0.01	< 0.5
FAU-13-083F	1.90	15	0.87	769	2.17	0.085	127	< 0.1	8.9	< 3	254	< 0.5	0.28	9.3	3.3	69	< 1	11	26.5	87	21	4.5	< 0.01	< 0.5
FAU-13-084F	1.75	11	0.79	617	2.27	0.079	36	< 0.1	7.3	< 3	292	< 0.5	0.29	6.0	2.0	61	< 1	11	24.7	60	28	4.3	< 0.01	< 0.5
FAU-13-085F	1.94	11	0.84	539	2.47	0.077	110	0.2	7.3	< 3	299	< 0.5	0.30	9.2	< 0.5	61	< 1	11	29.0	79	20	4.8	< 0.01	< 0.5
FAU-13-086F	1.86	11	0.75	575	2.51	0.081	< 15	< 0.1	7.8	< 3	321	< 0.5	0.32	8.4	1.8	62	< 1	13	35.4	95	24	5.5	< 0.01	< 0.5
FAU-13-087F	2.23	14	0.98	715	2.43	0.092	136	< 0.1	8.3	< 3	302	< 0.5	0.33	9.7	2.2	70	< 1	14	35.6	90	24	5.8	< 0.01	< 0.5
FAU-13-088F	2.09	13	0.78	489	2.39	0.082	84	< 0.1	7.2	< 3	314	< 0.5	0.30	6.2	< 0.5	64	< 1	11	25.7	68	17	4.6	< 0.01	< 0.5
FAU-13-089F	2.66	17	1.00	689	2.28	0.081	77	1.0	8.2	< 3	276	< 0.5	0.30	10.4	< 0.5	67	< 1	12	33.6	86	23	5.3	< 0.01	< 0.5
FAU-13-090F	2.38	15	0.93	602	2.31	0.104	73	< 0.1	7.9	< 3	287	< 0.5	0.31	10.2	2.4	70	< 1	13	33.1	86	22	5.0	< 0.01	< 0.5
FAU-13-091F	2.67	14	0.86	599	2.20	0.074	116	0.2	7.1	< 3	287	< 0.5	0.30	9.6	< 0.5	67	< 1	12	27.8	89	28	5.0	< 0.01	< 0.5
FAU-13-092F	2.23	17	1.03	627	2.31	0.086	120	0.7	9.2	< 3	292	< 0.5	0.35	11.9	1.0	73	< 1	17	50.6	113	36	7.4	< 0.01	< 0.5
FAU-13-093F	1.85	19	1.09	562	2.25	0.098	90	0.5	9.2	< 3	270	< 0.5	0.34	10.4	2.0	79	< 1	14	36.5	91	50	5.5	< 0.01	0.6
FAU-13-094F	1.76	19	0.99	755	1.98	0.034	120	< 0.1	7.9	< 3	225	< 0.5	0.36	8.3	2.4	81	< 1	11	29.2	70	13	4.3	< 0.01	< 0.5
FAU-13-095F	1.79	27	1.07	666	1.73	0.045	114	0.6	8.9	< 3	200	< 0.5	0.34	10.2	< 0.5	85	< 1	11	27.5	78	22	4.1	< 0.01	< 0.5
FAU-13-096F	2.11	17	1.67	1390	1.78	0.071	109	0.4	10.1	< 3	192	< 0.5	0.30	7.6	2.3	81	< 1	10	21.9	61	9	3.4	< 0.01	< 0.5
FAU-13-097F	1.99	10	0.70	482	2.54	0.065	< 15	0.4	7.4	< 3	303	< 0.5	0.28	7.0	1.4	63	< 1	10	22.3	64	28	3.9	< 0.01	< 0.5
FAU-13-098F	2.70	17	0.99	587	2.43	0.090	133	< 0.1	8.3	< 3	282	< 0.5	0.25	9.5	< 0.5	59	< 1	12	28.1	78	26	5.0	< 0.01	< 0.5
FAU-13-099F	2.11	12	0.86	651	2.47	0.102	88	0.4	8.4	< 3	316	< 0.5	0.33	10.6	< 0.5	78	< 1	13	32.3	83	28	5.5	< 0.01	< 0.5
FAU-13-100F	1.99	16	1.11	732	2.25	0.089	126	0.8	9.0	< 3	287	< 0.5	0.34	12.3	3.3	85	< 1	14	38.3	103	40	5.9	< 0.01	< 0.5
FAU-13-101F	2.00	8	0.77	504	2.54	0.099	< 15	< 0.1	9.0	< 3	341	< 0.5	0.35	8.0	1.9	83	< 1	16	36.9	84	36	6.5	< 0.01	0.5
FAU-13-102F	1.84	11	0.76	466	2.51	0.090	75	0.5	7.2	< 3	330	< 0.5	0.31	7.0	2.4	69	< 1	12	25.3	69	10	4.3	< 0.01	< 0.5
FAU-13-103F	2.92	17	0.84	693	2.21	0.102	128	0.8	8.6	< 3	304	< 0.5	0.34	9.6	< 0.5	83	< 1	14	32.0	100	26	5.8	< 0.01	0.8
FAU-13-104F	2.05	10	0.75	516	2.52	0.086	136	0.5	8.1	< 3	332	< 0.5	0.30	11.1	< 0.5	73	< 1	12	27.4	73	24	4.9	< 0.01	< 0.5
FAU-13-105F	2.35	12	0.72	806	2.28	0.108	51	2.0	8.4	< 3	303	< 0.5	0.31	8.0	5.4	103	< 1	17	34.8	74	31	5.9	< 0.01	< 0.5
FAU-13-108F	1.93	14	0.91	402	1.90	0.056	89	0.5	8.8	< 3	237	< 0.5	0.32	12.8	< 0.5	79	< 1	9	22.8	59	14	3.3	< 0.01	< 0.5
FAU-13-110F	1.93	25	1.34	571	1.96	0.097	< 15	< 0.1	9.9	< 3	270	< 0.5	0.39	13.6	1.5	89	< 1	13	35.6	63	13	4.7	< 0.01	< 0.5
FAU-13-112F	2.23	19	0.74	381	1.48	0.107	197	3.1	9.0	< 3	224	< 0.5	0.38	13.7	6.0	196	< 1	9	21.3	34	< 5	2.6	< 0.01	< 0.5
FAU-13-114F	2.20	8	0.70	409	2.46	0.083	< 15	< 0.1	7.6	< 3	297	< 0.5	0.27	8.1	< 0.5	64	< 1	12	28.4	56	17	4.1	< 0.01	< 0.5
FAU-13-116F	1.74	15	0.79	542	2.25	0.094	106	0.3	9.2	< 3	252	< 0.5	0.33	9.1	2.7	81	< 1	11	34.0	66	13	4.6	< 0.01	0.7
FAU-13-117F	1.79	25	1.03	597	2.00	0.076	110	< 0.1	9.9	< 3	236	< 0.5	0.37	12.3	2.2	76	< 1	13	35.8	56	21	4.5	< 0.01	< 0.5

Analyte Symbol	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13-119F	1.78	14	0.71	568	2.20	0.104	112	1.0	8.8	< 3	303	< 0.5	0.30	10.1	3.2	81	< 1	17	43.9	64	21	5.7	< 0.01	< 0.5
FAU-13-122F	2.08	13	0.89	694	2.20	0.100	< 15	0.3	10.4	< 3	286	< 0.5	0.32	12.7	2.0	76	< 1	11	22.8	43	10	3.6	< 0.01	< 0.5
FAU-13-123F	1.81	10	0.70	803	2.24	0.086	< 15	1.3	8.1	< 3	313	< 0.5	0.30	11.6	2.9	87	< 1	11	21.6	40	22	3.3	< 0.01	< 0.5
FAU-13-124F	1.79	17	0.86	532	2.32	0.076	37	0.6	9.7	< 3	296	< 0.5	0.32	12.7	4.7	81	< 1	13	34.7	71	15	4.7	< 0.01	< 0.5
FAU-13-151F	2.29	25	0.77	3870	1.14	0.204	< 15	2.7	10.0	< 3	154	< 0.5	0.27	13.3	5.6	118	< 1	40	65.5	84	65	8.8	< 0.01	< 0.5
FAU-13-125F	2.21	12	0.79	552	2.37	0.075	149	0.6	8.2	< 3	302	< 0.5	0.30	8.6	2.0	65	< 1	12	26.1	53	9	3.8	< 0.01	< 0.5
FAU-13-126F	2.73	17	0.99	630	2.41	0.086	83	0.5	8.5	< 3	290	< 0.5	0.25	10.1	2.8	61	< 1	12	26.6	49	14	3.9	< 0.01	< 0.5
FAU-13-127F	2.22	11	0.85	640	2.56	0.098	93	0.6	8.4	< 3	306	< 0.5	0.35	11.3	< 0.5	76	< 1	13	32.5	62	18	4.6	< 0.01	< 0.5
FAU-13-128F	2.42	12	0.87	605	2.58	0.094	< 15	< 0.1	8.4	< 3	312	< 0.5	0.32	8.3	< 0.5	69	< 1	12	30.8	59	16	4.5	< 0.01	< 0.5
FAU-13-129F	1.79	10	0.71	578	2.33	0.094	38	0.5	7.9	< 3	262	< 0.5	0.34	9.1	2.5	76	< 1	10	32.5	58	12	4.5	< 0.01	< 0.5
FAU-13-130F	1.81	12	0.80	586	2.44	0.092	< 15	0.6	7.7	< 3	294	< 0.5	0.33	7.8	< 0.5	70	< 1	11	26.5	70	14	3.9	< 0.01	< 0.5
FAU-13-131F	1.98	12	0.78	491	2.45	0.092	78	0.1	7.6	< 3	311	< 0.5	0.31	7.6	2.0	67	< 1	12	26.4	44	13	3.8	< 0.01	< 0.5
FAU-13-132F	1.98	15	0.81	778	2.39	0.084	58	0.4	8.6	< 3	278	< 0.5	0.31	9.6	2.3	72	< 1	13	35.8	65	23	4.9	< 0.01	0.6
FAU-13-133F	1.86	21	1.21	1130	2.00	0.079	108	0.3	12.2	< 3	196	< 0.5	0.38	10.2	1.7	114	< 1	12	29.0	67	17	4.3	< 0.01	< 0.5
FAU-13-134F	2.06	12	0.71	627	2.37	0.082	30	0.3	7.5	< 3	291	< 0.5	0.32	8.0	< 0.5	73	< 1	11	25.5	54	18	4.0	< 0.01	0.6
FAU-13-135F	2.20	7	0.66	534	2.56	0.102	37	< 0.1	7.6	< 3	319	< 0.5	0.32	8.4	1.5	69	< 1	13	32.0	74	19	4.8	< 0.01	< 0.5
FAU-13-136F	2.33	10	0.78	510	2.53	0.099	73	0.4	7.6	< 3	340	< 0.5	0.31	6.6	< 0.5	70	< 1	13	27.4	59	20	4.3	< 0.01	< 0.5
FAU-13-137F	2.07	20	1.20	733	2.54	0.095	126	0.9	10.6	< 3	279	< 0.5	0.36	15.2	< 0.5	86	< 1	15	46.1	86	32	6.2	< 0.01	< 0.5
FAU-13-138F	2.02	14	0.90	600	2.46	0.085	154	1.2	10.0	< 3	298	< 0.5	0.35	11.9	2.2	82	< 1	14	35.6	68	21	4.9	< 0.01	1.5
FAU-13-139F	1.69	12	0.68	552	2.37	0.086	< 15	< 0.1	9.4	< 3	207	< 0.5	0.33	10.0	< 0.5	75	< 1	5	28.9	64	24	4.5	< 0.01	< 0.5
FAU-13-140F	1.97	12	0.83	603	2.44	0.093	140	0.2	9.0	< 3	293	< 0.5	0.33	11.1	4.0	70	< 1	12	32.2	67	20	4.5	< 0.01	1.5
FAU-13-141F	1.91	16	0.88	514	2.50	0.079	119	0.4	9.4	< 3	278	< 0.5	0.30	13.2	< 0.5	73	< 1	10	33.7	72	15	4.8	< 0.01	< 0.5
FAU-13-142F	1.88	9	0.73	491	2.65	0.083	200	< 0.1	9.3	< 3	309	< 0.5	0.32	8.2	1.0	68	< 1	13	31.1	56	19	4.7	< 0.01	< 0.5
FAU-13-143F	1.77	16	0.74	1140	2.27	0.059	167	0.8	9.0	< 3	275	< 0.5	0.30	11.0	6.2	72	< 1	12	30.1	60	20	4.3	< 0.01	< 0.5
FAU-13-144F	2.00	17	0.78	690	2.11	0.041	185	< 0.1	8.8	< 3	255	< 0.5	0.22	10.5	< 0.5	59	< 1	11	28.5	48	15	4.0	< 0.01	< 0.5

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
FAU-13-001F	1.3	< 0.05	26.6
FAU-13-002F	1.3	0.07	30.7
FAU-13-003F	1.0	0.05	26.7
FAU-13-004F	1.2	0.06	31.1
FAU-13-005F	1.2	0.08	31.3
FAU-13-006F	1.2	0.06	27.7
FAU-13-007F	1.2	0.10	29.5
FAU-13-008F	1.0	0.06	32.2
FAU-13-009F	1.2	0.06	32.2
FAU-13-010F	1.4	0.12	31.4
FAU-13-011F	1.3	0.07	28.6
FAU-13-012F	1.1	0.08	27.1
FAU-13-013F	1.4	0.08	29.5
FAU-13-014F	1.5	0.09	28.8
FAU-13-015F	1.1	0.06	30.5
FAU-13-018F	1.4	0.06	32.0
FAU-13-019F	1.4	0.08	22.9
FAU-13-020F	1.0	0.05	33.1
FAU-13-021F	1.3	0.09	34.3
FAU-13-022F	1.1	0.08	27.6
FAU-13-023F	1.3	0.06	35.3
FAU-13-024F	1.1	0.05	33.8
FAU-13-025F	1.5	0.08	31.1
FAU-13-026F	1.3	0.07	29.2
FAU-13-027F	0.9	0.09	33.7
FAU-13-028F	1.4	0.13	32.2
FAU-13-029F	1.7	0.10	36.5
FAU-13-030F	2.1	0.15	31.5
FAU-13-032F	2.0	0.10	26.9
FAU-13-033F	1.6	0.10	26.9
FAU-13-035F	1.5	< 0.05	27.9
FAU-13-036F	1.3	0.07	29.7
FAU-13-037F	1.5	0.10	31.4
FAU-13-039F	1.7	0.10	28.3
FAU-13-038F	1.2	0.07	31.6
FAU-13-040F	1.4	< 0.05	32.6
FAU-13-041F	1.2	0.06	32.0
FAU-13-042F	0.8	0.07	27.2
FAU-13-043F	1.2	0.06	29.5
FAU-13-044F	1.2	0.07	27.8
FAU-13-045F	1.9	0.13	26.0
FAU-13-046F	1.1	0.06	27.0
FAU-13-048F	1.1	0.06	27.8
FAU-13-049F	1.3	0.08	29.7
FAU-13-050F	1.3	0.09	33.3
FAU-13-051F	1.4	0.08	30.7
FAU-13-052F	1.5	0.10	30.5
FAU-13-053F	1.5	0.11	29.2
FAU-13-055F	1.5	0.09	25.6
FAU-13-056F	1.5	0.13	31.0
FAU-13-057F	1.9	0.10	29.2
FAU-13-058F	1.4	0.11	26.2

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
FAU-13-059F	1.8	0.09	30.0
FAU-13-060F	1.5	0.10	32.5
FAU-13-061F	1.4	0.09	30.4
FAU-13-062F	1.8	0.06	26.0
FAU-13-063F	3.9	0.20	21.3
FAU-13-064F	1.5	0.13	32.2
FAU-13-065F	1.5	0.07	33.2
FAU-13-066F	1.8	0.08	28.7
FAU-13-067F	1.6	0.06	28.9
FAU-13-068F	1.6	0.06	30.3
FAU-13-069F	1.5	0.08	33.6
FAU-13-071F	2.5	0.06	28.3
FAU-13-072F	1.5	< 0.05	26.5
FAU-13-073F	2.5	0.09	32.9
FAU-13-074F	1.6	0.06	31.0
FAU-13-075F	1.4	0.07	27.8
FAU-13-076F	1.4	< 0.05	34.3
FAU-13-077F	1.3	0.07	27.3
FAU-13-078F	1.4	0.07	25.8
FAU-13-079F	1.5	0.09	30.4
FAU-13-080F	2.0	0.09	27.4
FAU-13-081F	2.5	0.12	28.0
FAU-13-082F	2.0	0.07	28.6
FAU-13-083F	1.4	0.06	28.6
FAU-13-084F	1.5	0.10	32.6
FAU-13-085F	1.4	0.06	32.9
FAU-13-086F	1.6	< 0.05	29.6
FAU-13-087F	1.7	0.11	30.4
FAU-13-088F	1.6	0.06	32.3
FAU-13-089F	1.1	< 0.05	28.6
FAU-13-090F	1.7	0.07	29.7
FAU-13-091F	1.7	< 0.05	30.4
FAU-13-092F	2.0	0.10	24.8
FAU-13-093F	1.6	< 0.05	26.4
FAU-13-094F	1.4	0.08	30.0
FAU-13-095F	1.2	0.06	25.2
FAU-13-096F	1.1	0.06	25.3
FAU-13-097F	1.1	0.05	31.5
FAU-13-098F	1.6	0.05	28.7
FAU-13-099F	1.5	0.09	29.1
FAU-13-100F	1.4	0.11	31.3
FAU-13-101F	1.6	0.08	37.9
FAU-13-102F	1.5	0.09	34.0
FAU-13-103F	1.5	0.08	29.8
FAU-13-104F	1.6	0.09	32.7
FAU-13-105F	1.9	0.11	31.1
FAU-13-108F	1.1	< 0.05	26.3
FAU-13-110F	1.1	0.11	26.1
FAU-13-112F	1.3	0.11	23.9
FAU-13-114F	1.2	0.07	33.8
FAU-13-116F	1.8	0.10	30.8
FAU-13-117F	1.5	0.12	25.1

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
Detection Limit	0.2	0.05	
Analysis Method	INAA	INAA	INAA
FAU-13-119F	1.7	0.16	34.1
FAU-13-122F	1.4	0.10	30.2
FAU-13-123F	1.5	0.08	34.0
FAU-13-124F	1.5	0.13	26.4
FAU-13-151F	3.5	0.25	24.0
FAU-13-125F	1.4	0.08	32.0
FAU-13-126F	1.3	0.07	27.8
FAU-13-127F	1.5	0.07	30.6
FAU-13-128F	1.0	0.07	28.3
FAU-13-129F	1.5	0.12	35.5
FAU-13-130F	1.3	0.08	30.3
FAU-13-131F	1.0	0.13	31.4
FAU-13-132F	1.5	0.12	27.5
FAU-13-133F	1.5	0.11	13.4
FAU-13-134F	1.3	0.06	30.5
FAU-13-135F	1.6	0.12	33.3
FAU-13-136F	1.2	0.05	30.8
FAU-13-137F	1.8	0.10	17.0
FAU-13-138F	1.7	0.14	26.4
FAU-13-139F	1.4	0.11	31.5
FAU-13-140F	1.5	0.12	30.5
FAU-13-141F	1.7	0.08	30.7
FAU-13-142F	1.9	0.10	32.2
FAU-13-143F	1.3	0.13	28.5
FAU-13-144F	1.3	0.06	28.2

Quality Control

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Detection Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01
Analysis Method	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas		31.7		1210	3.1	15	721	42		743		0.26	2.43			1	1390		0.89					
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960					
GXR-1 Meas		30.4		1110	2.4	18	732	41		730		0.24	2.60			1	1320		0.87					
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960					
GXR-1 Meas		32.1		1170	2.5	18	770	46		769		0.25	2.92			1	1390		0.91					
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960					
GXR-4 Meas		3.4		6420	< 0.3	313	44	43		69		1.75	6.74			2	9		1.05					
GXR-4 Cert		4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01					
GXR-4 Meas		3.3		6330	0.4	338	42	54		76		1.73	6.73			2	3		1.06					
GXR-4 Cert		4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01					
GXR-4 Meas		3.4		6460	0.3	343	50	52		81		1.76	6.96			2	8		1.08					
GXR-4 Cert		4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01					
SDC-1 Meas		< 0.3		31	< 0.3	< 1	22	35		98		0.07	8.43			3	< 2		1.09					
SDC-1 Cert		0.0410		30.00	0.0800	0.250	25.00	38.0		103.00		0.0650	8.34			3.00	2.60		1.00					
SDC-1 Meas		< 0.3		29	< 0.3	< 1	25	40		105		0.07	8.29			3	< 2		1.10					
SDC-1 Cert		0.0410		30.00	0.0800	0.250	25.00	38.0		103.00		0.0650	8.34			3.00	2.60		1.00					
SDC-1 Meas		< 0.3		30	< 0.3	< 1	20	38		101		0.07	8.04			3	< 2		1.07					
SDC-1 Cert		0.0410		30.00	0.0800	0.250	25.00	38.0		103.00		0.0650	8.34			3.00	2.60		1.00					
GXR-6 Meas		0.5		71	< 0.3	< 1	89	27		125		0.02	14.0			1	< 2		0.19					
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180					
GXR-6 Meas		0.5		58	< 0.3	2	81	26		108		< 0.01	4.51			< 1	< 2		0.10					
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180					
GXR-6 Meas		0.4		67	< 0.3	3	92	28		124		< 0.01	13.7			1	< 2		0.22					
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180					
SAR-M (U.S.G.S.) Meas		3.5		346	5.9	6	1000	45		945			6.42			3	< 2		0.64					
SAR-M (U.S.G.S.) Cert		3.64		331	5.27	13.1	982	41.5		930.0			6.30			2.20	1.94		0.61					
SAR-M (U.S.G.S.) Meas		3.4		290	4.4	12	906	47		842			5.17			3	< 2		0.56					
SAR-M (U.S.G.S.) Cert		3.64		331	5.27	13.1	982	41.5		930.0			6.30			2.20	1.94		0.61					
SAR-M (U.S.G.S.) Meas		3.2		309	4.6	8	951	54		860			6.19			3	< 2		0.66					
SAR-M (U.S.G.S.) Cert		3.64		331	5.27	13.1	982	41.5		930.0			6.30			2.20	1.94		0.61					
DNC-1a Meas				106				263		60														
DNC-1a Cert				100.0				247		70.0														
DNC-1a Meas				102				261		58														
DNC-1a Cert				100.0				247		70.0														
DNC-1a Meas				97				256		56														
DNC-1a Cert				100.0				247		70.0														
SBC-1 Meas				32	0.4	2	27	87		185						3	< 2							
SBC-1 Cert				31.0	0.40	2.40	35.0	82.8		186.0						3.20	0.70							
SBC-1 Meas				31	0.3	1	27	89		183						3	< 2							
SBC-1 Cert				31.0	0.40	2.40	35.0	82.8		186.0						3.20	0.70							
SBC-1 Meas				33	0.3	1	28	90		175						3	< 2							
SBC-1 Cert				31.0	0.40	2.40	35.0	82.8		186.0						3.20	0.70							
DMMAS 115 Meas	1790													558	1510					24	108			2.87
DMMAS 115 Cert	1720													527	1210					21.0	100			2.64
DMMAS 115 Meas	1710													600	1110					21	97			2.95
DMMAS 115 Cert	1720													527	1210					21.0	100			2.64
DMMAS 115 Meas	1770													585	1180					22	92			2.83
DMMAS 115 Cert	1720													527	1210					21.0	100			2.64
FAU-13-001F Orig		0.4		108	< 0.3	< 1	13	34		58		0.02	7.65			2	< 2		1.59					
FAU-13-001F Dup		< 0.3		114	< 0.3	< 1	15	36		60		0.01	8.01			2	< 2		1.62					
FAU-13-003F Orig		0.6		8	< 0.3	1	14	21		29		0.02	6.89			1	< 2		1.78					
FAU-13-003F Dup		0.4		27	< 0.3	2	16	20		29		0.03	6.94			1	< 2		1.61					
FAU-13-004F Orig		< 0.3		31	< 0.3	2	17	23		31		0.03	7.25			1	< 2		1.68					
FAU-13-004F Dup		0.7		14	< 0.3	2	14	25		37		0.02	7.10			1	< 2		1.78					
FAU-13-048F Orig		< 0.3		35	< 0.3	< 1	19	39		59		0.01	8.42			2	< 2		1.52					
FAU-13-048F Dup		0.5		35	< 0.3	< 1	13	37		59		0.01	8.43			2	< 2		1.50					
FAU-13-050F Orig		0.5		33	< 0.3	< 1	17	29		52		0.02	7.15			1	< 2		1.82					

Quality Control

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Detection Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01
Analysis Method	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA
FAU-13-050F Dup		1.1		30	< 0.3	2	17	25		47		0.01	4.51			1	< 2		1.59					
FAU-13-080F Orig		0.8		46	< 0.3	< 1	22	41		74		0.03	8.07			2	< 2		1.29					
FAU-13-080F Dup		0.4		39	< 0.3	< 1	22	44		72		0.03	7.94			2	< 2		1.27					
FAU-13-093F Orig		0.6		32	< 0.3	< 1	15	31		68		0.02	7.49			2	< 2		1.80					
FAU-13-093F Dup		0.6		30	< 0.3	< 1	12	27		65		0.02	7.26			2	< 2		1.74					
FAU-13-102F Orig		0.4		18	< 0.3	2	14	24		46		0.01	7.78			2	< 2		1.92					
FAU-13-102F Dup		0.6		17	< 0.3	1	14	22		44		0.01	7.51			2	< 2		1.86					
FAU-13-129F Orig		1.0		18	< 0.3	2	16	22		47		0.01	3.40			1	< 2		1.49					
FAU-13-129F Dup		0.9		20	< 0.3	1	17	23		51		0.02	7.18			2	< 2		1.91					
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank		< 0.3		1	< 0.3	< 1	< 3	< 1		2		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2	< 0.01
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2	< 0.01

Quality Control

Analyte Symbol	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
GXR-1 Meas				0.05	9	0.22	886		0.059					289					87		28			
GXR-1 Cert				0.050	8.20	0.217	852		0.0650					275					80.0		32.0			
GXR-1 Meas				0.04	8	0.22	941		0.057					278					85		25			
GXR-1 Cert				0.050	8.20	0.217	852		0.0650					275					80.0		32.0			
GXR-1 Meas				0.05	9	0.23	950		0.060					291					89		26			
GXR-1 Cert				0.050	8.20	0.217	852		0.0650					275					80.0		32.0			
GXR-4 Meas				3.41	11	1.68	147		0.128					209					86		13			
GXR-4 Cert				4.01	11.1	1.66	155		0.120					221					87.0		14.0			
GXR-4 Meas				2.28	11	1.68	167		0.133					207					87		13			
GXR-4 Cert				4.01	11.1	1.66	155		0.120					221					87.0		14.0			
GXR-4 Meas				2.47	11	1.70	179		0.134					211					88		13			
GXR-4 Cert				4.01	11.1	1.66	155		0.120					221					87.0		14.0			
SDC-1 Meas				2.70	33	1.00	849		0.052					174		0.12			34		32			
SDC-1 Cert				2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00		40.0			
SDC-1 Meas				1.81	33	1.01	966		0.057					174		0.18			52		30			
SDC-1 Cert				2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00		40.0			
SDC-1 Meas				1.73	33	0.98	965		0.056					170		0.25			61		29			
SDC-1 Cert				2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00		40.0			
GXR-6 Meas				1.77	35	0.64	1040		0.036					41					149		11			
GXR-6 Cert				1.87	32.0	0.609	1010		0.0350					35.0					186		14.0			
GXR-6 Meas				1.06	32	0.10	875		0.020					20					179		1			
GXR-6 Cert				1.87	32.0	0.609	1010		0.0350					35.0					186		14.0			
GXR-6 Meas				1.68	36	0.58	1050		0.030					44					106		10			
GXR-6 Cert				1.87	32.0	0.609	1010		0.0350					35.0					186		14.0			
SAR-M (U.S.G.S.) Meas				3.23	29	0.49	5270		0.060					153		0.25			50		33			
SAR-M (U.S.G.S.) Cert				2.94	27.4	0.50	5220		0.07					151		0.38			67.2		28.00			
SAR-M (U.S.G.S.) Meas				1.96	28	0.46	4780		0.066					132		0.42			68		31			
SAR-M (U.S.G.S.) Cert				2.94	27.4	0.50	5220		0.07					151		0.38			67.2		28.00			
SAR-M (U.S.G.S.) Meas				2.03	29	0.49	5010		0.063					150		0.37			67		35			
SAR-M (U.S.G.S.) Cert				2.94	27.4	0.50	5220		0.07					151		0.38			67.2		28.00			
DNC-1a Meas					5									130					142		14			
DNC-1a Cert					5.20									144.0					148.00		18.0			
DNC-1a Meas					4									130					140		14			
DNC-1a Cert					5.20									144.0					148.00		18.0			
DNC-1a Meas					4									126					137		14			
DNC-1a Cert					5.20									144.0					148.00		18.0			
SBC-1 Meas					156									173					215		29			
SBC-1 Cert					163.0									178.0					220.0		36.5			
SBC-1 Meas					153									173					213		29			
SBC-1 Cert					163.0									178.0					220.0		36.5			
SBC-1 Meas					153									174					216		30			
SBC-1 Cert					163.0									178.0					220.0		36.5			
DMMAS 115 Meas								1.99			3.8	7.1						92.5				20.8	36	
DMMAS 115 Cert								1.92			5.50	7.30						101				21.9	40.0	
DMMAS 115 Meas								2.09			4.8	7.8						104				20.5	42	
DMMAS 115 Cert								1.92			5.50	7.30						101				21.9	40.0	
DMMAS 115 Meas								2.07			4.4	7.9						100				21.9	41	
DMMAS 115 Cert								1.92			5.50	7.30						101				21.9	40.0	
FAU-13-001F Orig				2.41	21	1.10	641		0.055					266		0.32			82		12			
FAU-13-001F Dup				2.54	21	1.15	662		0.053					279		0.25			66		12			
FAU-13-003F Orig				1.90	11	0.67	514		0.051					298		0.31			64		11			
FAU-13-003F Dup				2.19	10	0.64	486		0.068					267		0.28			60		9			
FAU-13-004F Orig				1.82	11	0.66	505		0.066					280		0.25			56		10			
FAU-13-004F Dup				2.25	13	0.77	605		0.077					290		0.31			61		11			
FAU-13-048F Orig				2.15	26	1.18	857		0.054					252		0.21			58		11			
FAU-13-048F Dup				2.12	26	1.18	844		0.062					250		0.32			79		11			
FAU-13-050F Orig				2.07	13	0.85	897		0.080					281		0.36			78		13			

Quality Control

Analyte Symbol	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Analysis Method	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
FAU-13-050F Dup				1.60	12	0.67	849		0.081					232		0.35			75		8			
FAU-13-080F Orig				2.70	26	1.15	1390		0.059					228		0.31			78		15			
FAU-13-080F Dup				2.54	25	1.13	1360		0.055					225		0.33			82		15			
FAU-13-093F Orig				1.85	19	1.11	576		0.100					274		0.35			80		15			
FAU-13-093F Dup				1.84	18	1.07	549		0.096					265		0.34			78		14			
FAU-13-102F Orig				1.88	11	0.77	472		0.089					334		0.32			70		12			
FAU-13-102F Dup				1.80	10	0.74	459		0.091					326		0.31			67		12			
FAU-13-129F Orig				1.66	10	0.61	551		0.086					208		0.33			75		6			
FAU-13-129F Dup				1.91	11	0.80	606		0.101					316		0.35			78		14			
Method Blank				< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank				< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank				< 0.01	< 1	< 0.01	1		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank				< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank				< 0.01	< 1	< 0.01	1		< 0.001					< 1		< 0.01			< 2		< 1			
Method Blank	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5	< 3	< 5
Method Blank	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5	< 3	< 5

Quality Control

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas						
GXR-1 Cert						
GXR-1 Meas						
GXR-1 Cert						
GXR-1 Meas						
GXR-1 Cert						
GXR-4 Meas						
GXR-4 Cert						
GXR-4 Meas						
GXR-4 Cert						
GXR-4 Meas						
GXR-4 Cert						
SDC-1 Meas						
SDC-1 Cert						
SDC-1 Meas						
SDC-1 Cert						
SDC-1 Meas						
SDC-1 Cert						
GXR-6 Meas						
GXR-6 Cert						
GXR-6 Meas						
GXR-6 Cert						
GXR-6 Meas						
GXR-6 Cert						
SAR-M (U.S.G.S.) Meas						
SAR-M (U.S.G.S.) Cert						
SAR-M (U.S.G.S.) Meas						
SAR-M (U.S.G.S.) Cert						
SAR-M (U.S.G.S.) Meas						
SAR-M (U.S.G.S.) Cert						
DNC-1a Meas						
DNC-1a Cert						
DNC-1a Meas						
DNC-1a Cert						
DNC-1a Meas						
DNC-1a Cert						
SBC-1 Meas						
SBC-1 Cert						
SBC-1 Meas						
SBC-1 Cert						
SBC-1 Meas						
SBC-1 Cert						
DMMAS 115 Meas	2.9					
DMMAS 115 Cert	3.10					
DMMAS 115 Meas	3.1					
DMMAS 115 Cert	3.10					
DMMAS 115 Meas	3.3					
DMMAS 115 Cert	3.10					
FAU-13-001F Orig						
FAU-13-001F Dup						
FAU-13-003F Orig						
FAU-13-003F Dup						
FAU-13-004F Orig						
FAU-13-004F Dup						
FAU-13-048F Orig						
FAU-13-048F Dup						
FAU-13-050F Orig						

Quality Control

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13-050F Dup						
FAU-13-080F Orig						
FAU-13-080F Dup						
FAU-13-093F Orig						
FAU-13-093F Dup						
FAU-13-102F Orig						
FAU-13-102F Dup						
FAU-13-129F Orig						
FAU-13-129F Dup						
Method Blank						
Method Blank						
Method Blank						
Method Blank						
Method Blank						
Method Blank	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	20.0
Method Blank	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	30.0

Quality Analysis ... *Innovative Technologies*

Date Submitted: 02-Dec-13
Invoice No.: A13-14344
Invoice Date: 19-Dec-13
Your Reference:

Mines Virginia Inc.
300 Rue St-Paul
Suite 200
Quebec QC G1K 7R1
Canada

ATTN: Pascal Simard

CERTIFICATE OF ANALYSIS

129 Heavy Mineral Concentrates samples were submitted for analysis.

The following analytical package was requested: Code 3A-Large HMC INAA(INAAGEO)
Code 3C Aqua Regia ICP(AQUAGEO)

REPORT **A13-14344**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Unaltered silicates and resistate minerals may not be dissolved. Values which exceed upper limit should be assayed.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Ag	As	Au	Ba	Br	Ca	Ce	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir
Unit Symbol	ppm	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
Detection limit	5	2	5	200	5	1	3	5	10	2	0.2	0.02	1	5	50
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13:001	< 5	17	19	< 200	< 5	< 1	261	23	210	< 2	4.8	38.7	107	< 5	< 50
FAU-13:002	< 5	14	59	< 200	< 5	< 1	420	25	290	< 2	8.6	41.6	196	< 5	< 50
FAU-13:003	< 5	19	< 5	< 200	< 5	< 1	321	24	260	< 2	5.9	45.6	152	< 5	< 50
FAU-13:004	< 5	18	< 5	< 200	< 5	< 1	348	23	260	< 2	6.2	39.9	128	< 5	< 50
FAU-13:005	< 5	24	< 5	< 200	< 5	< 1	377	34	270	< 2	8.0	36.6	146	< 5	< 50
FAU-13:006	< 5	26	< 5	< 200	< 5	< 1	219	21	150	< 2	3.8	32.3	82	< 5	< 50
FAU-13:007	< 5	28	83	< 200	< 5	< 1	270	19	220	< 2	5.1	35.4	82	< 5	< 50
FAU-13:008	< 5	22	< 5	< 200	< 5	< 1	392	< 5	360	< 2	6.0	47.9	176	< 5	< 50
FAU-13:009	< 5	19	< 5	< 200	< 5	< 1	354	24	310	< 2	5.3	37.6	137	< 5	< 50
FAU-13:010	< 5	9	< 5	< 200	< 5	< 1	524	27	380	< 2	13.0	30.2	301	< 5	< 50
FAU-13:011	< 5	18	69	< 200	< 5	< 1	421	38	250	< 2	7.7	38.9	128	< 5	< 50
FAU-13:012	< 5	21	< 5	< 200	< 5	< 1	298	27	240	< 2	6.5	40.3	123	< 5	< 50
FAU-13:013	< 5	21	< 5	< 200	< 5	< 1	426	20	270	< 2	7.4	42.7	182	< 5	< 50
FAU-13:014	< 5	21	32	< 200	< 5	< 1	288	22	270	< 2	4.3	39.2	120	< 5	< 50
FAU-13:015	< 5	13	< 5	< 200	< 5	< 1	412	28	260	< 2	7.5	31.6	120	< 5	< 50
FAU-13:018	< 5	28	< 5	< 200	< 5	< 1	329	18	160	< 2	4.9	29.2	93	< 5	< 50
FAU-13:019	< 5	25	< 5	< 200	< 5	< 1	294	14	170	< 2	4.1	31.7	99	< 5	< 50
FAU-13:020	< 5	9	< 5	< 200	< 5	< 1	320	15	160	< 2	4.9	23.4	143	< 5	< 50
FAU-13:021	< 5	16	< 5	< 200	< 5	< 1	396	26	180	< 2	7.6	25.0	144	< 5	< 50
FAU-13:022	< 5	17	< 5	< 200	< 5	< 1	301	20	210	< 2	4.7	34.1	122	< 5	< 50
FAU-13:023	< 5	13	< 5	< 200	< 5	< 1	419	25	190	< 2	7.7	29.8	200	< 5	< 50
FAU-13:024	< 5	19	< 5	< 200	< 5	< 1	264	15	180	< 2	4.2	24.1	109	< 5	< 50
FAU-13:025	< 5	13	47	< 200	< 5	< 1	347	23	230	< 2	6.2	28.0	128	< 5	< 50
FAU-13:026	< 5	30	78	< 200	< 5	< 1	442	20	190	< 2	7.4	29.1	123	< 5	< 50
FAU-13:027	< 5	14	< 5	< 200	< 5	< 1	375	22	180	< 2	5.8	28.9	150	< 5	< 50
FAU-13:028	< 5	10	< 5	< 200	< 5	< 1	479	19	180	< 2	8.0	24.1	156	< 5	< 50
FAU-13:029	< 5	18	< 5	< 200	< 5	< 1	438	21	230	< 2	5.2	29.4	174	< 5	< 50
FAU-13:030	< 5	16	< 5	< 200	< 5	< 1	409	20	270	< 2	7.6	31.7	186	< 5	< 50
FAU-13:032	< 5	21	< 5	< 200	< 5	< 1	180	18	180	< 2	3.5	34.3	32	< 5	< 50
FAU-13:033	< 5	15	< 5	< 200	< 5	< 1	412	21	220	< 2	6.0	35.7	128	< 5	< 50
FAU-13:035	< 5	21	59	< 200	< 5	< 1	342	15	290	< 2	7.9	43.4	146	< 5	< 50
FAU-13:036	< 5	22	11	< 200	< 5	< 1	379	24	320	< 2	8.3	39.3	193	< 5	< 50
FAU-13:037	< 5	33	5	< 200	< 5	< 1	343	19	260	< 2	7.4	37.3	143	< 5	< 50
FAU-13:038	< 5	16	< 5	< 200	< 5	< 1	287	14	170	< 2	4.5	36.7	141	< 5	< 50
FAU-13:039	< 5	27	< 5	< 200	< 5	< 1	343	16	250	< 2	5.2	42.1	159	< 5	< 50
FAU-13:040	< 5	13	< 5	< 200	< 5	< 1	316	18	270	< 2	6.5	36.2	157	< 5	< 50
FAU-13:041	< 5	18	< 5	< 200	< 5	< 1	416	22	340	< 2	10.1	40.1	194	< 5	< 50
FAU-13:042	< 5	26	< 5	< 200	< 5	< 1	369	13	220	< 2	5.6	45.4	168	< 5	< 50
FAU-13:043	< 5	26	< 5	< 200	< 5	< 1	256	24	160	< 2	5.2	43.4	127	< 5	< 50
FAU-13:044	< 5	13	< 5	< 200	< 5	< 1	477	18	260	< 2	9.2	32.2	340	< 5	< 50
FAU-13:045	< 5	23	153	< 200	< 5	< 1	335	55	220	< 2	7.1	38.0	121	< 5	< 50
FAU-13:046	< 5	28	< 5	< 200	< 5	< 1	314	33	220	< 2	6.6	45.5	135	< 5	< 50
FAU-13:048	< 5	23	73	< 200	< 5	< 1	295	16	160	< 2	4.4	37.3	126	< 5	< 50
FAU-13:049	< 5	24	75	< 200	< 5	< 1	229	18	160	< 2	5.4	33.8	106	< 5	< 50
FAU-13:050	< 5	21	< 5	< 200	< 5	< 1	288	25	180	< 2	5.8	34.6	144	< 5	< 50

Analyte Symbol	Ag	As	Au	Ba	Br	Ca	Ce	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir
Unit Symbol	ppm	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
Detection limit	5	2	5	200	5	1	3	5	10	2	0.2	0.02	1	5	50
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13:051	< 5	17	14	< 200	< 5	< 1	342	22	200	< 2	7.5	38.6	196	< 5	< 50
FAU-13:052	< 5	19	< 5	< 200	< 5	< 1	237	23	160	4	4.9	34.2	110	< 5	< 50
FAU-13:053	< 5	29	< 5	< 200	< 5	< 1	230	21	170	< 2	4.0	37.6	91	< 5	< 50
FAU-13:055	< 5	50	< 5	< 200	< 5	10	326	17	920	< 2	6.4	24.9	139	< 5	< 50
FAU-13:056	< 5	21	< 5	< 200	< 5	4	274	20	180	< 2	4.4	32.3	160	< 5	< 50
FAU-13:057	< 5	22	31	< 200	< 5	< 1	221	35	140	< 2	5.5	33.1	90	< 5	< 50
FAU-13:058	< 5	11	< 5	< 200	< 5	< 1	103	32	80	< 2	2.4	29.3	51	< 5	< 50
FAU-13:059	< 5	18	< 5	< 200	< 5	< 1	< 3	23	150	< 2	2.9	34.8	65	< 5	< 50
FAU-13:060	< 5	16	< 5	< 200	< 5	< 1	402	20	180	< 2	6.9	31.9	201	< 5	< 50
FAU-13:061	< 5	19	108	< 200	< 5	< 1	372	< 5	180	< 2	7.0	42.2	123	< 5	< 50
FAU-13:062	< 5	19	182	< 200	< 5	< 1	203	28	130	< 2	1.2	38.5	33	< 5	< 50
FAU-13:063	< 5	76	392	< 200	< 5	< 1	74	18	50	< 2	2.0	46.9	6	< 5	< 50
FAU-13:064	< 5	17	< 5	< 200	< 5	< 1	370	22	200	< 2	6.4	36.7	148	< 5	< 50
FAU-13:065	< 5	18	66	< 200	< 5	< 1	311	25	180	< 2	4.4	39.6	121	< 5	< 50
FAU-13:066	< 5	28	< 5	< 200	< 5	< 1	492	18	250	< 2	8.7	32.6	232	< 5	< 50
FAU-13:067	< 5	21	431	< 200	< 5	< 1	479	21	200	< 2	5.7	28.2	189	< 5	< 50
FAU-13:068	< 5	< 2	< 5	< 200	< 5	< 1	1030	30	510	< 2	13.9	34.9	358	< 5	< 50
FAU-13:069	< 5	< 2	< 5	< 200	< 5	< 1	877	41	280	< 2	8.2	33.1	345	< 5	< 50
FAU-13:071	< 5	8	14	< 200	< 5	< 1	89	23	50	< 2	1.0	23.7	12	< 5	< 50
FAU-13:072	< 5	9	150	< 200	< 5	< 1	182	24	110	< 2	3.6	27.0	57	< 5	< 50
FAU-13:073	< 5	15	< 5	< 200	< 5	< 1	282	28	130	< 2	4.3	40.5	163	< 5	< 50
FAU-13:074	< 5	21	< 5	< 200	< 5	< 1	319	23	160	< 2	5.9	46.4	185	< 5	< 50
FAU-13:075	< 5	24	< 5	< 200	< 5	< 1	295	23	220	< 2	6.2	45.7	179	< 5	< 50
FAU-13:076	< 5	23	191	< 200	< 5	< 1	243	13	120	< 2	5.2	37.1	142	< 5	< 50
FAU-13:077	< 5	31	< 5	< 200	< 5	< 1	364	170	170	< 2	5.7	49.7	106	< 5	< 50
FAU-13:078	< 5	< 2	< 5	< 200	< 5	< 1	839	< 5	250	< 2	8.7	47.0	352	< 5	< 50
FAU-13:079	< 5	33	< 5	< 200	< 5	< 1	274	20	170	< 2	5.9	42.0	166	< 5	< 50
FAU-13:080	< 5	19	< 5	< 200	< 5	< 1	6	19	120	< 2	4.4	38.4	117	< 5	< 50
FAU-13:081	< 5	34	< 5	< 200	< 5	< 1	160	35	80	< 2	2.1	42.0	60	< 5	< 50
FAU-13:082	< 5	27	50	< 200	< 5	< 1	414	16	190	< 2	7.0	48.6	251	< 5	< 50
FAU-13:083	< 5	22	77	< 200	< 5	< 1	282	23	160	< 2	4.3	46.1	177	< 5	< 50
FAU-13:084	< 5	22	26	< 200	< 5	< 1	344	9	190	< 2	5.0	36.5	171	< 5	< 50
FAU-13:085	< 5	25	< 5	< 200	< 5	< 1	623	25	320	< 2	8.8	35.6	252	< 5	< 50
FAU-13:086	< 5	21	103	< 200	< 5	< 1	448	14	160	< 2	6.3	35.6	149	< 5	< 50
FAU-13:087	< 5	19	< 5	< 200	< 5	< 1	335	10	210	< 2	5.3	35.0	150	< 5	< 50
FAU-13:088	< 5	20	< 5	< 200	< 5	< 1	557	19	210	< 2	7.0	37.7	243	< 5	< 50
FAU-13:089	< 5	27	< 5	< 200	< 5	< 1	875	< 5	290	< 2	9.1	41.0	264	< 5	< 50
FAU-13:090	< 5	30	< 5	< 200	< 5	< 1	462	< 5	220	< 2	7.3	37.2	157	< 5	< 50
FAU-13:091	< 5	27	< 5	< 200	< 5	< 1	606	22	290	< 2	10.7	35.2	270	< 5	< 50
FAU-13:092	< 5	27	< 5	< 200	< 5	< 1	942	30	320	< 2	9.5	35.9	303	< 5	< 50
FAU-13:093	< 5	12	1640	< 200	< 5	< 1	531	22	190	< 2	9.0	28.3	194	< 5	< 50
FAU-13:094	< 5	33	80	< 200	< 5	< 1	386	19	220	< 2	6.2	33.7	188	< 5	< 50
FAU-13:095	< 5	33	< 5	< 200	< 5	< 1	214	18	170	< 2	2.2	48.7	66	< 5	< 50
FAU-13:096	< 5	52	< 5	< 200	< 5	< 1	242	34	220	< 2	5.3	40.3	177	< 5	< 50
FAU-13:097	< 5	19	< 5	< 200	< 5	< 1	382	21	190	< 2	5.4	34.7	281	< 5	< 50
FAU-13:098	< 5	28	< 5	< 200	< 5	< 1	327	17	210	< 2	8.3	37.6	199	< 5	< 50

Analyte Symbol	Ag	As	Au	Ba	Br	Ca	Ce	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir
Unit Symbol	ppm	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
Detection limit	5	2	5	200	5	1	3	5	10	2	0.2	0.02	1	5	50
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13:099	< 5	21	< 5	< 200	< 5	< 1	477	26	250	< 2	8.5	30.2	282	< 5	< 50
FAU-13:100	< 5	29	< 5	< 200	< 5	< 1	391	33	250	7	6.6	39.6	197	< 5	< 50
FAU-13:101	< 5	6	< 5	< 200	< 5	< 1	521	30	240	< 2	6.9	28.2	310	< 5	< 50
FAU-13:102	< 5	12	< 5	< 200	< 5	< 1	448	18	220	< 2	6.8	31.9	253	< 5	< 50
FAU-13:103	< 5	28	< 5	< 200	< 5	< 1	460	33	260	< 2	6.6	40.5	245	< 5	< 50
FAU-13:104	< 5	14	< 5	< 200	< 5	< 1	519	19	250	< 2	10.5	31.6	325	< 5	< 50
FAU-13:105	< 5	30	< 5	< 200	< 5	< 1	426	21	200	< 2	7.3	34.4	212	< 5	< 50
FAU-13:108	< 5	36	< 5	< 200	< 5	< 1	154	10	120	< 2	3.0	46.1	62	< 5	< 50
FAU-13:110	< 5	40	82	< 200	< 5	< 1	466	22	240	< 2	5.2	45.7	134	< 5	< 50
FAU-13:112	< 5	30	256	< 200	< 5	< 1	374	< 5	300	< 2	6.2	47.7	279	< 5	< 50
FAU-13:114	< 5	< 2	< 5	< 200	< 5	< 1	509	25	260	< 2	8.0	32.1	285	< 5	< 50
FAU-13:116	< 5	18	28	< 200	< 5	< 1	422	23	190	< 2	6.5	35.7	182	< 5	< 50
FAU-13:117	< 5	19	< 5	< 200	< 5	< 1	487	16	390	< 2	7.7	36.2	181	< 5	< 50
FAU-13:119	< 5	23	< 5	< 200	< 5	< 1	694	< 5	260	< 2	15.4	36.6	307	< 5	< 50
FAU-13:122	< 5	< 2	< 5	< 200	< 5	< 1	614	23	310	< 2	5.4	33.4	272	< 5	< 50
FAU-13:123	< 5	12	< 5	< 200	< 5	< 1	563	34	200	< 2	5.8	28.0	282	< 5	< 50
FAU-13:124	< 5	25	< 5	< 200	< 5	< 1	628	23	250	< 2	5.8	43.0	260	< 5	< 50
FAU-13:125	< 5	26	< 5	< 200	< 5	< 1	364	25	270	< 2	6.4	48.1	253	< 5	< 50
FAU-13:126	< 5	27	< 5	< 200	< 5	< 1	326	30	230	< 2	5.4	47.1	151	< 5	< 50
FAU-13:127	< 5	15	< 5	< 200	< 5	< 1	426	17	240	< 2	7.0	37.1	266	< 5	< 50
FAU-13:128	< 5	10	< 5	< 200	< 5	< 1	436	22	240	< 2	6.5	36.6	233	< 5	< 50
FAU-13:129	< 5	21	60	< 200	< 5	< 1	416	22	210	< 2	7.6	32.7	229	< 5	< 50
FAU-13:130	< 5	27	< 5	< 200	< 5	< 1	359	26	260	< 2	7.6	36.2	214	< 5	< 50
FAU-13:131	< 5	27	< 5	< 200	< 5	< 1	378	18	220	< 2	6.7	37.2	228	< 5	< 50
FAU-13:132	< 5	22	39	< 200	< 5	< 1	370	19	230	< 2	6.4	38.7	245	< 5	< 50
FAU-13:133	< 5	23	124	< 200	< 5	< 1	272	17	180	< 2	4.7	33.0	173	< 5	< 50
FAU-13:134	< 5	18	< 5	< 200	< 5	< 1	299	13	230	< 2	4.7	33.1	230	< 5	< 50
FAU-13:135	< 5	18	< 5	< 200	< 5	< 1	414	17	230	< 2	7.5	32.1	270	< 5	< 50
FAU-13:136	< 5	27	< 5	< 200	< 5	5	419	17	180	< 2	6.6	32.8	232	< 5	< 50
FAU-13:137	< 5	20	< 5	< 200	< 5	< 1	418	18	200	< 2	7.9	32.8	213	< 5	< 50
FAU-13:138	< 5	28	< 5	< 200	< 5	< 1	461	21	230	< 2	6.9	40.2	266	< 5	< 50
FAU-13:139	< 5	25	< 5	< 200	< 5	< 1	524	< 5	340	< 2	10.1	42.2	329	< 5	< 50
FAU-13:140	< 5	22	< 5	< 200	< 5	< 1	458	26	240	< 2	7.8	41.7	239	< 5	< 50
FAU-13:141	< 5	34	< 5	< 200	< 5	< 1	407	35	170	< 2	6.8	45.3	183	< 5	< 50
FAU-13:142	< 5	17	< 5	< 200	< 5	< 1	431	21	190	< 2	10.1	35.0	246	< 5	< 50
FAU-13:143	< 5	28	< 5	< 200	< 5	< 1	351	24	290	< 2	5.7	47.0	209	< 5	< 50
FAU-13:144	< 5	27	< 5	< 200	< 5	< 1	288	11	230	< 2	7.1	40.8	186	< 5	< 50
FAU-13:151	< 5	24	< 5	< 200	< 5	< 1	231	14	150	2	3.8	33.6	64	< 5	< 50

Results

Analyte Symbol	La	Lu	Mass	Mo	Na	Nd	Ni	Rb	Sb	Sc	Se	Sm	Sr	Ta	Tb
Unit Symbol	ppm	ppm	g	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection limit	1	0.05		20	0.05	10	200	50	0.2	0.1	20	0.1	0.2	1	2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13:001	125	2.20	14.5	20	0.23	90	< 200	< 50	0.7	21.4	< 20	16.1	< 0.2	< 1	< 2
FAU-13:002	234	1.68	24.2	< 20	0.25	150	< 200	< 50	< 0.2	34.5	< 20	35.2	< 0.2	< 1	< 2
FAU-13:003	148	2.88	8.50	< 20	0.25	150	< 200	< 50	< 0.2	24.8	< 20	18.7	< 0.2	< 1	< 2
FAU-13:004	197	1.18	37.0	< 20	0.25	90	< 200	< 50	< 0.2	25.6	< 20	24.5	< 0.2	< 1	< 2
FAU-13:005	216	1.22	27.6	< 20	0.28	100	< 200	< 50	< 0.2	31.8	< 20	29.9	< 0.2	< 1	4
FAU-13:006	142	0.70	49.7	< 20	0.15	70	< 200	< 50	< 0.2	18.7	< 20	15.1	< 0.2	< 1	< 2
FAU-13:007	144	0.82	51.4	< 20	0.18	50	< 200	< 50	0.9	22.5	< 20	19.9	< 0.2	< 1	< 2
FAU-13:008	220	1.31	22.8	30	0.20	140	< 200	< 50	1.6	29.5	< 20	27.8	< 0.2	< 1	< 2
FAU-13:009	200	1.15	28.8	< 20	0.15	90	< 200	< 50	< 0.2	26.6	< 20	25.6	< 0.2	< 1	< 2
FAU-13:010	276	2.01	23.5	30	0.28	120	< 200	< 50	< 0.2	39.0	< 20	41.2	< 0.2	< 1	5
FAU-13:011	221	1.48	25.2	< 20	0.34	200	< 200	< 50	< 0.2	31.9	< 20	35.3	< 0.2	< 1	< 2
FAU-13:012	169	1.27	28.0	< 20	0.33	80	< 200	< 50	0.9	31.2	< 20	21.9	< 0.2	< 1	< 2
FAU-13:013	189	3.13	7.00	< 20	0.34	170	< 200	< 50	< 0.2	27.1	< 20	27.4	< 0.2	< 1	< 2
FAU-13:014	171	0.97	37.9	< 20	0.23	70	800	< 50	< 0.2	26.0	< 20	19.8	< 0.2	< 1	< 2
FAU-13:015	210	1.32	17.4	< 20	0.39	140	< 200	< 50	< 0.2	32.9	< 20	29.8	< 0.2	< 1	< 2
FAU-13:018	169	1.07	31.6	< 20	0.30	60	< 200	< 50	< 0.2	25.9	< 20	23.9	< 0.2	< 1	< 2
FAU-13:019	156	1.09	27.8	< 20	0.18	80	< 200	< 50	0.6	20.8	< 20	20.8	< 0.2	< 1	3
FAU-13:020	162	1.13	36.0	< 20	0.29	70	< 200	< 50	< 0.2	27.6	< 20	23.1	< 0.2	< 1	3
FAU-13:021	187	1.15	36.2	< 20	0.29	90	< 200	< 50	< 0.2	31.7	< 20	28.1	< 0.2	< 1	< 2
FAU-13:022	154	2.53	16.2	< 20	0.26	110	< 200	< 50	< 0.2	23.5	< 20	19.5	< 0.2	< 1	< 2
FAU-13:023	221	1.57	27.4	< 20	0.28	110	< 200	< 50	< 0.2	31.4	< 20	31.0	< 0.2	< 1	4
FAU-13:024	141	0.90	33.2	< 20	0.37	80	< 200	< 50	< 0.2	27.2	< 20	21.2	< 0.2	< 1	< 2
FAU-13:025	181	1.21	21.7	< 20	0.30	80	< 200	< 50	< 0.2	25.2	< 20	26.2	< 0.2	< 1	< 2
FAU-13:026	205	1.21	19.9	< 20	0.43	130	< 200	< 50	< 0.2	31.3	< 20	33.9	< 0.2	< 1	< 2
FAU-13:027	192	1.18	30.6	< 20	0.27	100	< 200	< 50	< 0.2	30.3	< 20	29.5	< 0.2	< 1	< 2
FAU-13:028	229	1.38	31.6	< 20	0.38	230	< 200	< 50	1.6	33.8	< 20	38.8	< 0.2	< 1	< 2
FAU-13:029	268	1.22	61.7	< 20	0.20	80	< 200	< 50	< 0.2	36.0	< 20	31.8	< 0.2	< 1	< 2
FAU-13:030	236	1.45	42.6	< 20	0.26	110	< 200	< 50	0.9	33.0	< 20	35.5	< 0.2	< 1	< 2
FAU-13:032	110	0.59	61.6	< 20	0.13	40	< 200	< 50	< 0.2	16.1	< 20	16.8	< 0.2	< 1	< 2
FAU-13:033	228	1.06	20.8	< 20	0.19	130	< 200	< 50	< 0.2	38.0	< 20	34.3	< 0.2	< 1	< 2
FAU-13:035	187	0.91	24.0	< 20	0.32	80	< 200	< 50	< 0.2	22.9	< 20	30.5	< 0.2	< 1	< 2
FAU-13:036	224	1.58	26.6	< 20	0.25	90	< 200	< 50	1.5	33.7	< 20	34.2	< 0.2	< 1	< 2
FAU-13:037	189	1.33	21.8	< 20	0.25	110	< 200	< 50	< 0.2	25.0	< 20	33.4	< 0.2	< 1	< 2
FAU-13:038	177	1.11	36.0	< 20	0.18	80	< 200	< 50	< 0.2	22.5	< 20	24.4	< 0.2	< 1	< 2
FAU-13:039	201	1.05	37.0	< 20	0.14	70	< 200	< 50	< 0.2	26.3	< 20	28.4	< 0.2	< 1	3
FAU-13:040	186	1.23	37.5	< 20	0.24	90	< 200	< 50	< 0.2	29.1	< 20	28.4	< 0.2	< 1	< 2
FAU-13:041	221	1.54	17.7	< 20	0.22	130	< 200	< 50	< 0.2	38.3	< 20	39.8	< 0.2	< 1	5
FAU-13:042	170	2.63	9.60	< 20	0.24	270	< 200	< 50	0.7	25.2	< 20	22.3	< 0.2	< 1	< 2
FAU-13:043	162	1.06	20.5	< 20	0.22	70	< 200	< 50	1.2	27.6	< 20	24.1	< 0.2	< 1	< 2
FAU-13:044	225	4.81	7.60	< 20	0.28	340	< 200	< 50	< 0.2	41.2	< 20	35.0	< 0.2	< 1	< 2
FAU-13:045	192	1.93	22.2	< 20	0.17	120	< 200	< 50	1.8	42.6	< 20	29.7	< 0.2	< 1	6
FAU-13:046	212	1.33	19.1	< 20	0.31	140	< 200	< 50	< 0.2	28.6	< 20	27.9	< 0.2	< 1	< 2
FAU-13:048	139	2.00	14.8	< 20	0.19	130	< 200	< 50	< 0.2	20.0	< 20	16.6	< 0.2	< 1	< 2
FAU-13:049	138	0.89	53.8	< 20	0.17	70	< 200	< 50	1.5	21.1	< 20	21.0	< 0.2	< 1	< 2
FAU-13:050	186	1.18	41.9	< 20	0.18	60	< 200	< 50	< 0.2	26.0	< 20	24.7	< 0.2	< 1	2

Analyte Symbol	La	Lu	Mass	Mo	Na	Nd	Ni	Rb	Sb	Sc	Se	Sm	Sr	Ta	Tb
Unit Symbol	ppm	ppm	g	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection limit	1	0.05		20	0.05	10	200	50	0.2	0.1	20	0.1	0.2	1	2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13:051	206	1.43	26.8	< 20	0.18	140	< 200	< 50	< 0.2	33.5	< 20	31.9	< 0.2	< 1	2
FAU-13:052	152	0.90	40.1	< 20	0.18	80	< 200	< 50	< 0.2	22.4	< 20	20.9	0.4	< 1	3
FAU-13:053	131	0.83	29.3	< 20	0.25	60	< 200	< 50	< 0.2	19.8	< 20	18.8	< 0.2	< 1	< 2
FAU-13:055	149	2.66	11.6	< 20	0.16	150	< 200	< 50	1.0	63.4	< 20	22.6	< 0.2	< 1	< 2
FAU-13:056	135	2.32	14.6	< 20	0.25	80	< 200	< 50	1.2	24.7	< 20	16.7	< 0.2	< 1	< 2
FAU-13:057	141	0.70	31.9	< 20	0.17	70	< 200	< 50	< 0.2	27.6	< 20	18.0	< 0.2	< 1	< 2
FAU-13:058	55	0.41	29.3	< 20	0.22	30	< 200	< 50	< 0.2	41.7	< 20	9.2	< 0.2	< 1	< 2
FAU-13:059	143	0.70	66.2	< 20	0.11	50	< 200	80	0.7	20.1	< 20	16.5	< 0.2	< 1	< 2
FAU-13:060	210	1.53	43.5	< 20	0.23	120	< 200	< 50	< 0.2	32.1	< 20	28.5	< 0.2	< 1	3
FAU-13:061	192	1.14	20.1	< 20	0.21	100	< 200	< 50	1.5	29.7	< 20	29.6	< 0.2	< 1	7
FAU-13:062	112	0.42	69.0	20	0.12	30	< 200	< 50	< 0.2	12.4	< 20	10.3	< 0.2	< 1	< 2
FAU-13:063	57	0.22	1.70	< 20	< 0.05	< 10	< 200	< 50	0.8	4.7	< 20	11.2	< 0.2	< 1	< 2
FAU-13:064	177	0.97	25.8	< 20	0.21	60	< 200	< 50	0.7	29.3	< 20	24.1	< 0.2	< 1	< 2
FAU-13:065	163	0.84	39.6	< 20	0.19	80	< 200	< 50	< 0.2	23.3	< 20	20.2	< 0.2	< 1	< 2
FAU-13:066	257	1.46	34.6	< 20	0.19	250	< 200	< 50	< 0.2	40.3	< 20	34.1	< 0.2	< 1	3
FAU-13:067	246	1.25	38.5	< 20	0.16	110	< 200	< 50	< 0.2	38.9	< 20	32.4	< 0.2	< 1	5
FAU-13:068	481	2.76	7.00	< 20	0.27	270	< 200	< 50	< 0.2	84.5	< 20	69.0	< 0.2	< 1	< 2
FAU-13:069	435	2.28	22.0	< 20	0.39	220	< 200	< 50	< 0.2	56.3	< 20	57.3	< 0.2	< 1	6
FAU-13:071	43	< 0.05	64.5	< 20	0.22	30	< 200	< 50	0.5	16.7	< 20	5.5	< 0.2	28	< 2
FAU-13:072	89	< 0.05	31.3	< 20	0.29	60	< 200	< 50	< 0.2	26.4	< 20	13.9	< 0.2	32	< 2
FAU-13:073	132	1.24	44.6	< 20	0.19	50	< 200	< 50	1.2	25.7	< 20	17.4	< 0.2	6	< 2
FAU-13:074	153	1.44	23.3	< 20	0.19	120	< 200	< 50	< 0.2	27.8	< 20	21.4	< 0.2	< 1	< 2
FAU-13:075	133	1.27	21.1	< 20	0.23	50	< 200	< 50	< 0.2	32.7	< 20	18.1	< 0.2	< 1	< 2
FAU-13:076	108	0.83	38.5	< 20	0.26	50	< 200	< 50	< 0.2	20.9	< 20	15.8	< 0.2	< 1	< 2
FAU-13:077	153	0.96	9.40	< 20	0.19	100	< 200	< 50	< 0.2	56.0	< 20	24.2	< 0.2	< 1	< 2
FAU-13:078	352	2.80	7.10	< 20	0.34	200	< 200	< 50	< 0.2	59.1	< 20	49.5	< 0.2	< 1	< 2
FAU-13:079	124	1.32	26.4	< 20	0.22	80	< 200	< 50	< 0.2	24.5	< 20	19.6	< 0.2	< 1	< 2
FAU-13:080	86	1.40	24.8	40	0.28	70	< 200	< 50	< 0.2	35.6	< 20	14.5	< 0.2	< 1	< 2
FAU-13:081	76	0.47	35.1	< 20	0.16	30	< 200	< 50	< 0.2	39.0	< 20	10.1	< 0.2	< 1	< 2
FAU-13:082	178	1.29	22.3	< 20	0.17	140	< 200	< 50	1.7	24.9	< 20	28.2	< 0.2	< 1	7
FAU-13:083	126	0.88	32.6	< 20	0.17	50	< 200	< 50	< 0.2	20.9	< 20	16.8	< 0.2	< 1	< 2
FAU-13:084	126	0.57	26.6	< 20	0.21	70	< 200	< 50	0.5	18.6	< 20	19.2	< 0.2	< 1	< 2
FAU-13:085	217	0.74	18.6	< 20	0.27	170	< 200	< 50	1.4	27.0	< 20	34.1	< 0.2	< 1	< 2
FAU-13:086	154	0.69	36.6	< 20	0.16	100	< 200	< 50	< 0.2	17.6	< 20	29.9	< 0.2	< 1	< 2
FAU-13:087	130	0.66	29.6	< 20	0.19	70	< 200	< 50	< 0.2	15.8	< 20	20.6	< 0.2	< 1	< 2
FAU-13:088	173	0.91	18.3	< 20	0.26	130	< 200	< 50	< 0.2	22.8	< 20	31.3	< 0.2	< 1	< 2
FAU-13:089	298	1.15	7.20	< 20	0.31	280	< 200	< 50	< 0.2	33.9	< 20	44.1	< 0.2	< 1	< 2
FAU-13:090	146	0.85	11.7	< 20	0.28	80	< 200	< 50	< 0.2	17.4	< 20	24.0	< 0.2	< 1	< 2
FAU-13:091	205	0.86	17.6	< 20	0.28	170	< 200	< 50	< 0.2	22.3	< 20	35.0	< 0.2	< 1	< 2
FAU-13:092	309	1.33	12.0	< 20	0.30	360	< 200	< 50	< 0.2	31.3	< 20	49.2	< 0.2	< 1	< 2
FAU-13:093	197	0.74	33.2	< 20	0.19	140	< 200	< 50	0.7	25.5	< 20	34.7	< 0.2	< 1	< 2
FAU-13:094	149	0.55	31.0	< 20	0.19	90	< 200	< 50	< 0.2	21.3	< 20	22.2	< 0.2	< 1	< 2
FAU-13:095	108	0.27	19.2	< 20	0.17	70	< 200	< 50	< 0.2	17.9	< 20	15.0	< 0.2	< 1	< 2
FAU-13:096	131	0.78	14.3	< 20	0.19	70	< 200	< 50	1.1	24.4	< 20	19.6	< 0.2	< 1	< 2
FAU-13:097	210	0.61	15.7	< 20	0.33	170	< 200	< 50	< 0.2	35.3	< 20	30.1	< 0.2	< 1	< 2
FAU-13:098	154	0.69	15.6	< 20	0.24	110	< 200	< 50	< 0.2	20.7	< 20	33.2	< 0.2	< 1	< 2

Analyte Symbol	La	Lu	Mass	Mo	Na	Nd	Ni	Rb	Sb	Sc	Se	Sm	Sr	Ta	Tb
Unit Symbol	ppm	ppm	g	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection limit	1	0.05		20	0.05	10	200	50	0.2	0.1	20	0.1	0.2	1	2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
FAU-13:099	249	0.81	24.3	< 20	0.28	100	< 200	< 50	< 0.2	37.8	< 20	35.6	< 0.2	< 1	< 2
FAU-13:100	206	0.66	11.7	< 20	0.39	130	< 200	< 50	< 0.2	28.9	< 20	30.8	< 0.2	< 1	< 2
FAU-13:101	265	0.91	20.3	< 20	0.26	140	< 200	< 50	< 0.2	38.7	< 20	36.9	< 0.2	< 1	< 2
FAU-13:102	215	0.73	21.2	< 20	0.33	120	< 200	< 50	< 0.2	30.0	< 20	35.9	< 0.2	< 1	< 2
FAU-13:103	241	0.50	12.2	< 20	0.22	140	< 200	< 50	2.3	28.9	< 20	33.7	< 0.2	< 1	< 2
FAU-13:104	268	0.71	17.4	< 20	0.37	190	< 200	< 50	< 0.2	38.9	< 20	41.9	< 0.2	< 1	< 2
FAU-13:105	214	0.62	26.8	< 20	0.18	180	< 200	< 50	2.0	27.9	< 20	33.2	< 0.2	< 1	< 2
FAU-13:108	82	0.30	36.3	< 20	0.19	60	< 200	< 50	< 0.2	9.5	< 20	12.0	< 0.2	< 1	< 2
FAU-13:110	240	0.60	10.8	< 20	0.25	160	< 200	< 50	< 0.2	32.2	< 20	39.8	< 0.2	< 1	< 2
FAU-13:112	194	0.56	4.40	< 20	0.31	100	< 200	< 50	< 0.2	25.0	< 20	28.6	< 0.2	< 1	< 2
FAU-13:114	263	0.97	17.4	< 20	0.32	180	< 200	< 50	< 0.2	37.4	< 20	38.6	< 0.2	< 1	< 2
FAU-13:116	224	0.46	19.2	< 20	0.26	100	< 200	< 50	< 0.2	34.0	< 20	31.6	< 0.2	< 1	< 2
FAU-13:117	320	1.70	1.00	< 20	0.26	180	< 200	< 50	< 0.2	38.4	< 20	37.5	< 0.2	< 1	< 2
FAU-13:119	320	1.38	13.1	< 20	0.39	320	< 200	< 50	< 0.2	33.5	< 20	68.7	< 0.2	< 1	< 2
FAU-13:122	322	0.81	11.9	< 20	0.39	130	< 200	< 50	< 0.2	36.7	< 20	37.7	< 0.2	< 1	< 2
FAU-13:123	302	0.82	24.9	< 20	0.28	170	< 200	< 50	< 0.2	37.7	< 20	34.2	< 0.2	< 1	< 2
FAU-13:124	338	0.72	12.9	< 20	0.28	220	< 200	< 50	< 0.2	34.3	< 20	35.4	< 0.2	< 1	< 2
FAU-13:125	190	0.54	14.0	< 20	0.30	100	< 200	< 50	< 0.2	21.3	< 20	26.6	< 0.2	< 1	< 2
FAU-13:126	153	0.59	11.9	< 20	0.26	140	< 200	< 50	< 0.2	17.8	< 20	25.8	< 0.2	< 1	< 2
FAU-13:127	226	0.90	25.8	< 20	0.22	130	< 200	< 50	0.7	25.1	< 20	26.3	< 0.2	< 1	< 2
FAU-13:128	220	1.03	19.8	< 20	0.25	110	< 200	< 50	< 0.2	24.7	< 20	33.3	< 0.2	< 1	< 2
FAU-13:129	209	0.56	26.0	< 20	0.24	100	< 200	< 50	1.2	29.0	< 20	30.5	< 0.2	< 1	< 2
FAU-13:130	185	0.91	12.0	< 20	0.25	130	< 200	< 50	< 0.2	20.9	< 20	30.9	< 0.2	< 1	< 2
FAU-13:131	194	0.78	25.5	30	0.22	170	300	< 50	< 0.2	20.5	< 20	26.9	< 0.2	< 1	< 2
FAU-13:132	180	0.60	27.0	< 20	0.12	100	< 200	< 50	< 0.2	19.7	< 20	26.9	< 0.2	< 1	< 2
FAU-13:133	136	0.56	20.4	< 20	0.12	90	< 200	130	0.6	23.4	< 20	19.6	< 0.2	< 1	< 2
FAU-13:134	161	0.80	29.1	< 20	0.18	110	< 200	< 50	< 0.2	19.4	< 20	24.9	< 0.2	< 1	< 2
FAU-13:135	227	0.91	28.0	< 20	0.28	110	900	< 50	< 0.2	29.0	< 20	30.9	< 0.2	< 1	< 2
FAU-13:136	221	0.86	34.1	< 20	0.19	120	< 200	< 50	< 0.2	26.6	< 20	30.8	< 0.2	< 1	< 2
FAU-13:137	205	0.74	26.3	< 20	0.23	120	< 200	< 50	1.7	21.3	< 20	35.3	< 0.2	< 1	< 2
FAU-13:138	233	0.81	25.1	< 20	0.20	190	< 200	< 50	< 0.2	26.7	< 20	31.6	< 0.2	< 1	< 2
FAU-13:139	256	1.23	18.0	< 20	0.21	130	< 200	< 50	1.1	28.8	< 20	38.2	< 0.2	< 1	< 2
FAU-13:140	232	0.93	17.0	< 20	0.25	120	< 200	< 50	0.2	25.4	< 20	32.9	0.2	< 1	< 2
FAU-13:141	211	0.67	9.60	< 20	0.36	< 10	< 200	< 50	< 0.2	18.6	< 20	28.2	< 0.2	< 1	< 2
FAU-13:142	211	0.90	24.2	< 20	0.30	190	< 200	< 50	< 0.2	29.5	< 20	31.0	< 0.2	< 1	< 2
FAU-13:143	179	0.91	16.0	< 20	0.34	80	< 200	< 50	< 0.2	22.3	< 20	28.2	< 0.2	< 1	< 2
FAU-13:144	138	0.57	23.7	< 20	0.24	80	< 200	< 50	< 0.2	16.3	< 20	25.8	< 0.2	< 1	< 2
FAU-13:151	120	0.36	61.6	< 20	0.12	80	< 200	< 50	1.1	14.0	< 20	20.2	< 0.2	< 1	< 2

Results

Analyte Symbol	Th	U	W	Yb	Zn	Ag	Cd	Cu	Mn	Mo	Ni	Pb	S	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection limit	0.5	0.5	4	0.2	200	0.2	0.5	1	2	2	1	2	0.01	1
Analysis Method	INAA	INAA	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
FAU-13:001	35.9	8.4	< 4	10.4	< 200	< 0.2	< 0.5	23	973	< 2	13	10	< 0.01	14
FAU-13:002	102	15.7	< 4	16.3	< 200	< 0.2	< 0.5	6	589	< 2	5	13	0.02	9
FAU-13:003	55.6	12.9	< 4	13.1	< 200	< 0.2	< 0.5	9	528	< 2	10	15	0.02	11
FAU-13:004	99.8	10.3	< 4	12.0	< 200	< 0.2	< 0.5	8	1030	< 2	10	12	0.03	12
FAU-13:005	94.8	13.6	< 4	14.2	< 200	< 0.2	< 0.5	18	840	2	7	13	< 0.01	14
FAU-13:006	62.1	8.9	< 4	7.4	< 200	< 0.2	< 0.5	11	1170	< 2	9	14	< 0.01	14
FAU-13:007	63.6	6.7	< 4	9.5	< 200	< 0.2	< 0.5	12	823	< 2	10	11	< 0.01	13
FAU-13:008	110	12.7	< 4	15.7	< 200	< 0.2	< 0.5	6	503	< 2	8	13	0.01	11
FAU-13:009	95.5	13.9	< 4	12.9	< 200	< 0.2	< 0.5	9	1020	2	8	13	< 0.01	12
FAU-13:010	124	20.5	< 4	19.6	< 200	0.3	< 0.5	9	554	2	7	14	< 0.01	10
FAU-13:011	100	16.5	< 4	14.9	300	< 0.2	< 0.5	10	1090	3	10	11	0.12	14
FAU-13:012	72.3	13.4	< 4	10.4	< 200	< 0.2	< 0.5	6	657	< 2	8	9	< 0.01	13
FAU-13:013	57.4	12.7	< 4	16.3	< 200	< 0.2	< 0.5	5	588	< 2	11	14	0.03	25
FAU-13:014	77.3	11.0	< 4	10.0	< 200	< 0.2	0.6	8	1020	< 2	9	12	< 0.01	11
FAU-13:015	111	11.2	< 4	15.2	< 200	< 0.2	< 0.5	5	644	< 2	10	9	0.03	11
FAU-13:018	78.3	5.7	< 4	9.6	< 200	< 0.2	< 0.5	4	885	< 2	7	9	0.01	12
FAU-13:019	77.3	10.2	< 4	12.0	< 200	< 0.2	< 0.5	8	704	2	8	13	0.02	11
FAU-13:020	80.6	12.2	< 4	12.6	< 200	< 0.2	< 0.5	6	656	< 2	12	12	< 0.01	9
FAU-13:021	76.2	14.1	< 4	12.8	< 200	< 0.2	< 0.5	6	778	< 2	8	9	< 0.01	11
FAU-13:022	51.6	10.1	< 4	12.0	< 200	< 0.2	0.5	4	1710	2	10	9	< 0.01	11
FAU-13:023	97.4	12.5	< 4	15.4	< 200	< 0.2	< 0.5	4	648	< 2	8	11	0.01	10
FAU-13:024	62.8	8.2	< 4	10.1	< 200	< 0.2	< 0.5	6	802	< 2	7	9	< 0.01	10
FAU-13:025	73.7	18.7	64	12.5	< 200	< 0.2	< 0.5	4	637	2	8	12	< 0.01	9
FAU-13:026	99.3	14.2	< 4	14.6	< 200	< 0.2	< 0.5	4	497	< 2	9	12	< 0.01	15
FAU-13:027	88.1	9.8	< 4	12.5	< 200	< 0.2	< 0.5	7	701	< 2	7	10	< 0.01	10
FAU-13:028	94.7	11.8	< 4	15.0	< 200	< 0.2	< 0.5	5	372	< 2	6	12	< 0.01	11
FAU-13:029	144	9.0	< 4	12.9	< 200	< 0.2	< 0.5	2	568	< 2	6	10	< 0.01	11
FAU-13:030	96.9	10.8	< 4	14.6	< 200	< 0.2	< 0.5	14	708	2	10	12	0.01	36
FAU-13:032	46.1	6.0	< 4	5.8	< 200	< 0.2	< 0.5	6	1300	2	8	9	0.02	19
FAU-13:033	112	9.7	< 4	11.1	< 200	< 0.2	< 0.5	7	944	< 2	9	11	0.01	12
FAU-13:035	73.3	10.4	< 4	11.9	< 200	< 0.2	< 0.5	10	730	< 2	11	11	< 0.01	14
FAU-13:036	99.7	11.2	< 4	15.6	< 200	< 0.2	< 0.5	7	797	< 2	8	12	< 0.01	12
FAU-13:037	83.5	17.8	< 4	15.0	< 200	< 0.2	0.5	10	1010	< 2	12	10	0.06	18
FAU-13:038	73.3	7.6	< 4	10.0	< 200	< 0.2	< 0.5	7	1280	< 2	6	10	< 0.01	11
FAU-13:039	80.2	11.4	< 4	11.5	< 200	< 0.2	< 0.5	9	878	< 2	9	10	< 0.01	13
FAU-13:040	75.5	11.3	< 4	11.1	< 200	< 0.2	< 0.5	8	769	2	9	12	< 0.01	13
FAU-13:041	94.3	11.5	< 4	17.1	< 200	< 0.2	< 0.5	6	679	< 2	7	12	0.02	13
FAU-13:042	72.9	10.9	< 4	13.0	< 200	< 0.2	< 0.5	5	741	< 2	11	12	0.01	13
FAU-13:043	85.4	17.8	< 4	14.7	< 200	< 0.2	< 0.5	6	1040	< 2	8	11	0.03	12
FAU-13:044	65.8	17.5	< 4	19.4	< 200	< 0.2	< 0.5	8	640	< 2	10	13	0.01	13
FAU-13:045	76.2	10.3	< 4	22.3	< 200	< 0.2	< 0.5	20	1250	< 2	10	14	0.30	15
FAU-13:046	113	18.9	< 4	14.9	< 200	< 0.2	< 0.5	11	723	3	10	12	0.01	16
FAU-13:048	46.1	9.9	< 4	10.3	< 200	< 0.2	0.7	7	1010	< 2	9	9	< 0.01	14
FAU-13:049	50.5	15.4	< 4	10.7	< 200	< 0.2	0.6	5	1940	< 2	8	10	< 0.01	15
FAU-13:050	80.2	12.2	< 4	12.2	< 200	< 0.2	< 0.5	11	1080	< 2	11	16	< 0.01	19

Analyte Symbol	Th	U	W	Yb	Zn	Ag	Cd	Cu	Mn	Mo	Ni	Pb	S	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection limit	0.5	0.5	4	0.2	200	0.2	0.5	1	2	2	1	2	0.01	1
Analysis Method	INAA	INAA	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
FAU-13:051	85.4	20.0	< 4	16.2	< 200	< 0.2	< 0.5	6	765	< 2	5	13	0.02	11
FAU-13:052	74.1	12.2	< 4	9.4	< 200	< 0.2	< 0.5	6	1040	< 2	7	13	0.02	19
FAU-13:053	62.3	11.8	< 4	9.7	< 200	< 0.2	< 0.5	8	807	< 2	10	11	< 0.01	16
FAU-13:055	49.2	7.8	< 4	13.4	< 200	< 0.2	< 0.5	6	525	< 2	10	8	0.04	11
FAU-13:056	43.3	12.3	< 4	13.1	< 200	< 0.2	< 0.5	12	1190	< 2	12	12	0.02	12
FAU-13:057	46.3	11.6	< 4	11.2	< 200	< 0.2	< 0.5	17	919	< 2	21	9	< 0.01	15
FAU-13:058	26.7	3.6	< 4	9.0	< 200	< 0.2	< 0.5	41	1100	< 2	8	3	0.11	25
FAU-13:059	76.7	8.3	< 4	7.0	< 200	< 0.2	< 0.5	14	1490	< 2	12	17	< 0.01	17
FAU-13:060	97.7	16.0	< 4	14.7	< 200	< 0.2	< 0.5	11	633	2	8	10	0.01	11
FAU-13:061	82.2	13.1	< 4	14.4	< 200	< 0.2	1.2	46	2200	< 2	16	10	0.08	91
FAU-13:062	73.1	2.7	< 4	5.3	< 200	< 0.2	0.6	14	1830	< 2	13	14	< 0.01	17
FAU-13:063	15.6	< 0.5	< 4	2.2	< 200	0.2	< 0.5	77	1200	5	27	8	0.47	58
FAU-13:064	75.6	21.6	< 4	12.1	< 200	< 0.2	< 0.5	9	1050	< 2	9	12	0.02	13
FAU-13:065	77.9	13.9	< 4	10.6	< 200	< 0.2	< 0.5	7	991	< 2	10	11	< 0.01	15
FAU-13:066	121	25.5	< 4	17.3	< 200	< 0.2	< 0.5	5	451	< 2	5	12	< 0.01	10
FAU-13:067	118	15.0	< 4	14.4	< 200	< 0.2	< 0.5	7	781	< 2	7	15	< 0.01	11
FAU-13:068	268	33.0	< 4	26.3	< 200	< 0.2	< 0.5	9	532	< 2	12	21	< 0.01	13
FAU-13:069	227	29.3	< 4	20.8	< 200	< 0.2	< 0.5	6	708	< 2	6	20	< 0.01	11
FAU-13:071	12.3	4.7	< 4	3.6	< 200	< 0.2	< 0.5	19	518	< 2	17	4	< 0.01	24
FAU-13:072	33.2	< 0.5	< 4	8.9	< 200	< 0.2	< 0.5	13	393	< 2	13	6	0.01	27
FAU-13:073	60.6	10.8	< 4	11.0	< 200	< 0.2	< 0.5	15	861	< 2	28	8	0.03	15
FAU-13:074	67.5	16.2	< 4	12.2	< 200	0.3	0.7	25	680	4	13	9	0.06	29
FAU-13:075	60.5	32.2	< 4	10.2	< 200	< 0.2	< 0.5	8	820	< 2	9	8	0.02	14
FAU-13:076	48.3	16.7	< 4	8.1	< 200	< 0.2	< 0.5	6	967	< 2	8	10	< 0.01	13
FAU-13:077	53.1	16.3	< 4	14.1	< 200	0.2	0.6	49	1070	4	34	13	0.28	126
FAU-13:078	145	30.8	< 4	19.0	< 200	< 0.2	< 0.5	4	602	< 2	11	13	0.01	19
FAU-13:079	54.4	10.6	< 4	12.3	< 200	< 0.2	< 0.5	7	751	< 2	10	8	< 0.01	17
FAU-13:080	37.3	10.1	< 4	19.2	< 200	< 0.2	< 0.5	10	1140	2	13	10	0.03	24
FAU-13:081	32.8	10.1	< 4	7.2	< 200	< 0.2	0.6	28	1570	3	26	7	0.12	52
FAU-13:082	80.2	27.5	< 4	13.9	< 200	< 0.2	< 0.5	7	1300	< 2	15	14	0.02	24
FAU-13:083	64.2	18.2	< 4	9.7	< 200	< 0.2	< 0.5	10	968	< 2	10	12	< 0.01	18
FAU-13:084	34.9	12.5	< 4	10.4	< 200	< 0.2	< 0.5	4	822	< 2	9	11	< 0.01	16
FAU-13:085	76.3	18.6	< 4	16.2	< 200	< 0.2	< 0.5	6	722	< 2	11	13	0.04	15
FAU-13:086	46.1	15.3	< 4	12.0	< 200	< 0.2	< 0.5	6	1760	3	8	17	0.03	24
FAU-13:087	46.5	17.1	< 4	9.4	< 200	< 0.2	0.6	7	919	< 2	6	14	< 0.01	17
FAU-13:088	57.0	20.6	< 4	13.8	< 200	< 0.2	< 0.5	6	693	2	9	16	< 0.01	13
FAU-13:089	132	29.2	< 4	18.3	< 200	< 0.2	< 0.5	7	616	< 2	10	11	0.02	24
FAU-13:090	53.6	12.5	< 4	10.7	< 200	< 0.2	< 0.5	10	756	3	11	11	0.01	36
FAU-13:091	79.3	23.6	< 4	13.4	< 200	< 0.2	< 0.5	7	659	2	11	16	0.02	15
FAU-13:092	110	38.7	< 4	18.8	< 200	< 0.2	< 0.5	8	1060	2	11	16	0.22	18
FAU-13:093	61.8	16.3	< 4	16.1	< 200	0.2	< 0.5	6	1130	2	8	16	0.01	16
FAU-13:094	43.6	12.7	< 4	11.4	< 200	< 0.2	< 0.5	9	607	< 2	14	15	0.04	17
FAU-13:095	47.2	12.3	< 4	6.4	< 200	< 0.2	0.7	7	1080	< 2	10	10	0.05	17
FAU-13:096	49.6	15.1	< 4	11.0	< 200	< 0.2	< 0.5	10	1020	4	16	17	0.06	25
FAU-13:097	105	32.4	< 4	12.0	< 200	< 0.2	0.5	7	553	< 2	8	15	0.01	11
FAU-13:098	58.6	20.3	< 4	12.1	< 200	< 0.2	< 0.5	8	698	3	8	14	< 0.01	14

Analyte Symbol	Th	U	W	Yb	Zn	Ag	Cd	Cu	Mn	Mo	Ni	Pb	S	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection limit	0.5	0.5	4	0.2	200	0.2	0.5	1	2	2	1	2	0.01	1
Analysis Method	INAA	INAA	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
FAU-13:099	122	17.6	< 4	12.9	< 200	< 0.2	< 0.5	8	514	< 2	8	18	0.01	17
FAU-13:100	111	18.9	< 4	10.5	< 200	< 0.2	0.7	13	680	< 2	71	12	0.04	33
FAU-13:101	122	26.9	< 4	13.7	< 200	< 0.2	< 0.5	8	552	< 2	7	19	0.02	17
FAU-13:102	91.0	27.9	< 4	13.2	< 200	< 0.2	< 0.5	7	662	< 2	6	16	0.02	14
FAU-13:103	97.3	25.8	< 4	11.3	< 200	< 0.2	< 0.5	12	597	2	16	16	0.08	27
FAU-13:104	121	25.3	< 4	14.4	< 200	< 0.2	1.0	11	531	< 2	9	16	0.01	22
FAU-13:105	94.2	20.2	< 4	11.0	< 200	< 0.2	0.8	29	609	3	17	14	0.10	80
FAU-13:108	30.6	9.6	< 4	4.9	< 200	< 0.2	< 0.5	13	1180	3	10	12	0.02	11
FAU-13:110	92.8	19.1	< 4	13.8	< 200	< 0.2	< 0.5	6	795	2	10	12	0.03	16
FAU-13:112	61.4	26.4	< 4	9.9	< 200	< 0.2	0.6	26	617	3	13	18	0.02	33
FAU-13:114	121	18.7	< 4	14.7	< 200	< 0.2	< 0.5	8	537	< 2	8	18	0.02	14
FAU-13:116	113	11.4	< 4	6.5	< 200	< 0.2	< 0.5	6	634	< 2	10	18	< 0.01	14
FAU-13:117	132	21.3	< 4	14.0	< 200	< 0.2	< 0.5	8	939	< 2	10	15	0.02	17
FAU-13:119	122	34.0	< 4	20.2	< 200	< 0.2	1.0	25	581	3	20	23	0.12	53
FAU-13:122	157	42.7	< 4	12.2	< 200	< 0.2	< 0.5	9	395	< 2	8	20	< 0.01	20
FAU-13:123	149	28.4	< 4	12.8	< 200	0.3	0.9	20	574	< 2	8	21	0.03	41
FAU-13:124	186	28.6	< 4	13.1	< 200	< 0.2	0.6	20	461	< 2	17	28	0.02	29
FAU-13:125	90.7	26.7	< 4	10.6	< 200	< 0.2	0.5	5	658	< 2	9	14	< 0.01	12
FAU-13:126	53.6	16.5	< 4	7.2	< 200	< 0.2	0.6	6	687	2	9	12	0.03	13
FAU-13:127	102	28.7	< 4	11.9	< 200	< 0.2	< 0.5	5	499	< 2	8	17	< 0.01	10
FAU-13:128	89.0	22.9	< 4	13.8	< 200	< 0.2	< 0.5	5	541	< 2	10	17	< 0.01	12
FAU-13:129	83.4	22.1	< 4	12.7	< 200	< 0.2	0.8	6	1320	< 2	7	17	< 0.01	13
FAU-13:130	77.5	37.2	< 4	8.9	< 200	< 0.2	< 0.5	5	695	< 2	9	16	< 0.01	12
FAU-13:131	76.3	33.6	< 4	12.4	< 200	0.2	< 0.5	5	961	< 2	13	17	0.03	20
FAU-13:132	65.4	21.4	< 4	11.8	< 200	< 0.2	< 0.5	7	651	< 2	9	11	< 0.01	14
FAU-13:133	52.0	18.6	< 4	12.3	< 200	0.3	< 0.5	14	1890	< 2	16	15	0.04	26
FAU-13:134	55.3	25.4	< 4	12.0	< 200	0.2	< 0.5	6	844	3	11	14	< 0.01	18
FAU-13:135	86.7	23.1	< 4	15.0	< 200	< 0.2	< 0.5	5	608	< 2	6	14	0.01	9
FAU-13:136	93.0	22.8	< 4	12.0	< 200	< 0.2	< 0.5	6	630	< 2	6	16	< 0.01	13
FAU-13:137	68.5	30.2	< 4	12.3	< 200	< 0.2	< 0.5	10	941	3	14	15	0.15	17
FAU-13:138	98.4	32.5	< 4	11.2	< 200	< 0.2	< 0.5	9	708	2	10	16	0.01	16
FAU-13:139	106	23.9	< 4	17.9	< 200	< 0.2	< 0.5	6	619	< 2	11	16	0.02	14
FAU-13:140	91.1	27.0	< 4	14.4	< 200	< 0.2	0.8	9	814	< 2	11	15	0.01	13
FAU-13:141	96.0	23.0	< 4	9.9	< 200	< 0.2	0.6	4	555	< 2	11	11	0.08	22
FAU-13:142	79.9	26.1	< 4	16.2	< 200	< 0.2	< 0.5	6	656	< 2	9	14	0.01	13
FAU-13:143	76.4	23.9	< 4	10.4	< 200	< 0.2	< 0.5	7	941	< 2	12	15	0.04	22
FAU-13:144	49.1	16.7	< 4	11.1	< 200	< 0.2	< 0.5	6	829	2	11	12	0.02	15
FAU-13:151	37.5	6.1	< 4	7.2	< 200	< 0.2	< 0.5	15	2630	3	19	10	0.02	39

QC

Analyte Symbol	Ag	As	Au	Ba	Br	Ca	Ce	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir
Unit Symbol	ppm	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
Detection limit	5	2	5	200	5	1	3	5	10	2	0.2	0.02	1	5	50
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas															
GXR-1 Cert															
GXR-1 Meas															
GXR-1 Cert															
GXR-4 Meas															
GXR-4 Cert															
GXR-4 Meas															
GXR-4 Cert															
GXR-4 Meas															
GXR-4 Cert															
GXR-6 Meas															
GXR-6 Cert															
GXR-6 Meas															
GXR-6 Cert															
GXR-6 Meas															
GXR-6 Cert															
SAR-M (U.S.G.S.) Meas															
SAR-M (U.S.G.S.) Cert															
SAR-M (U.S.G.S.) Meas															
SAR-M (U.S.G.S.) Cert															
SAR-M (U.S.G.S.) Meas															
SAR-M (U.S.G.S.) Cert															
DMMAS 116 Meas		1530	1760	1200			30	44	70			3.16			
DMMAS 116 Cert		1560	1610	1190			30.0	41.0	77.0			3.12			
DMMAS 116 Meas		1700	1760	1300			32	44	80			3.16			
DMMAS 116 Cert		1560	1610	1190			30.0	41.0	77.0			3.12			
DMMAS 116 Meas		1650	1550	1300			30	41	80			3.22			
DMMAS 116 Cert		1560	1610	1190			30.0	41.0	77.0			3.12			
DMMAS 116 Meas		1690		1200			32	42	90			3.21			
DMMAS 116 Cert		1560		1190			30.0	41.0	77.0			3.12			
FAU-13:024 Orig															
FAU-13:024 Dup															
FAU-13:041 Orig															
FAU-13:041 Dup															
FAU-13:043 Orig															
FAU-13:043 Dup															
FAU-13:045 Orig															
FAU-13:045 Dup															
FAU-13:048 Orig															
FAU-13:048 Dup															
FAU-13:144 Orig															
FAU-13:144 Dup															
FAU-13:151 Orig															
FAU-13:151 Dup															
Method Blank															

Analyte Symbol	Ag	As	Au	Ba	Br	Ca	Ce	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir
Unit Symbol	ppm	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
Detection limit	5	2	5	200	5	1	3	5	10	2	0.2	0.02	1	5	50
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Method Blank															
Method Blank															
Method Blank	< 5	< 2	< 5	< 200	< 5	< 1	< 3	< 5	< 10	< 2	< 0.2	< 0.02	< 1	< 5	< 50
Method Blank	< 5	< 2	< 5	< 200	< 5	< 1	< 3	< 5	< 10	< 2	< 0.2	< 0.02	< 1	< 5	< 50
Method Blank															
Method Blank															

QC

Analyte Symbol	La	Lu	Mass	Mo	Na	Nd	Ni	Rb	Sb	Sc	Se	Sm	Sr	Ta	Tb
Unit Symbol	ppm	ppm	g	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection limit	1	0.05		20	0.05	10	200	50	0.2	0.1	20	0.1	0.2	1	2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas															
GXR-1 Cert															
GXR-1 Meas															
GXR-1 Cert															
GXR-4 Meas															
GXR-4 Cert															
GXR-4 Meas															
GXR-4 Cert															
GXR-4 Meas															
GXR-4 Cert															
GXR-6 Meas															
GXR-6 Cert															
GXR-6 Meas															
GXR-6 Cert															
GXR-6 Meas															
GXR-6 Cert															
SAR-M (U.S.G.S.) Meas															
SAR-M (U.S.G.S.) Cert															
SAR-M (U.S.G.S.) Meas															
SAR-M (U.S.G.S.) Cert															
SAR-M (U.S.G.S.) Meas															
SAR-M (U.S.G.S.) Cert															
DMMAS 116 Meas	17				1.99				6.0	6.7		2.1			
DMMAS 116 Cert	15.9				1.98				6.80	6.30		2.40			
DMMAS 116 Meas	16				2.06				7.3	6.4		2.3			
DMMAS 116 Cert	15.9				1.98				6.80	6.30		2.40			
DMMAS 116 Meas	16				2.03				7.0	6.8		2.9			
DMMAS 116 Cert	15.9				1.98				6.80	6.30		2.40			
DMMAS 116 Meas	16				2.02				6.9	6.2		2.9			
DMMAS 116 Cert	15.9				1.98				6.80	6.30		2.40			
FAU-13:024 Orig															
FAU-13:024 Dup															
FAU-13:041 Orig															
FAU-13:041 Dup															
FAU-13:043 Orig															
FAU-13:043 Dup															
FAU-13:045 Orig															
FAU-13:045 Dup															
FAU-13:048 Orig															
FAU-13:048 Dup															
FAU-13:144 Orig															
FAU-13:144 Dup															
FAU-13:151 Orig															
FAU-13:151 Dup															
Method Blank															

Analyte Symbol	La	Lu	Mass	Mo	Na	Nd	Ni	Rb	Sb	Sc	Se	Sm	Sr	Ta	Tb
Unit Symbol	ppm	ppm	g	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection limit	1	0.05		20	0.05	10	200	50	0.2	0.1	20	0.1	0.2	1	2
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Method Blank															
Method Blank															
Method Blank	< 1	< 0.05	1.00	< 20	< 0.05	< 10	< 200	< 50	< 0.2	< 0.1	< 20	< 0.1	< 0.2	< 1	< 2
Method Blank	< 1	< 0.05	10.0	< 20	< 0.05	< 10	< 200	< 50	< 0.2	< 0.1	< 20	< 0.1	< 0.2	< 1	< 2
Method Blank															
Method Blank															

QC

Analyte Symbol	Th	U	W	Yb	Zn	Ag	Cd	Cu	Mn	Mo	Ni	Pb	S	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection limit	0.5	0.5	4	0.2	200	0.2	0.5	1	2	2	1	2	0.01	1
Analysis Method	INAA	INAA	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas						27.2	2.8	1060	811	14	35	638	0.18	698
GXR-1 Cert						31.0	3.30	1110	852	18.0	41.0	730	0.257	760
GXR-1 Meas						27.7	4.0	932	749	14	37	598	0.17	654
GXR-1 Cert						31.0	3.30	1110	852	18.0	41.0	730	0.257	760
GXR-4 Meas						3.5	< 0.5	6840	154	338	39	43	1.73	77
GXR-4 Cert						4.00	0.860	6520	155	310	42.0	52.0	1.77	73.0
GXR-4 Meas						3.6	< 0.5	6910	151	330	36	47	1.72	94
GXR-4 Cert						4.00	0.860	6520	155	310	42.0	52.0	1.77	73.0
GXR-4 Meas						3.4	< 0.5	6200	141	338	39	46	1.72	73
GXR-4 Cert						4.00	0.860	6520	155	310	42.0	52.0	1.77	73.0
GXR-6 Meas						0.2	< 0.5	69	1130	3	25	95	0.01	128
GXR-6 Cert						1.30	1.00	66.0	1010	2.40	27.0	101	0.0160	118
GXR-6 Meas						0.3	< 0.5	75	1200	2	23	99	0.01	151
GXR-6 Cert						1.30	1.00	66.0	1010	2.40	27.0	101	0.0160	118
GXR-6 Meas						0.4	< 0.5	63	993	3	21	88	0.01	119
GXR-6 Cert						1.30	1.00	66.0	1010	2.40	27.0	101	0.0160	118
SAR-M (U.S.G.S.) Meas						3.4	6.6	368	5000	13	41	1070		1170
SAR-M (U.S.G.S.) Cert						3.64	5.27	331	5220	13.1	41.5	982		930.0
SAR-M (U.S.G.S.) Meas						3.9	6.6	343	4760	14	43	1110		1060
SAR-M (U.S.G.S.) Cert						3.64	5.27	331	5220	13.1	41.5	982		930.0
SAR-M (U.S.G.S.) Meas						3.4	5.9	321	4610	14	39	1060		1010
SAR-M (U.S.G.S.) Cert						3.64	5.27	331	5220	13.1	41.5	982		930.0
DMMAS 116 Meas		11.2												
DMMAS 116 Cert		11.2												
DMMAS 116 Meas		11.9												
DMMAS 116 Cert		11.2												
DMMAS 116 Meas		10.5												
DMMAS 116 Cert		11.2												
DMMAS 116 Meas		11.8												
DMMAS 116 Cert		11.2												
FAU-13:024 Orig						< 0.2	< 0.5	6	774	< 2	8	9	< 0.01	9
FAU-13:024 Dup						< 0.2	< 0.5	6	830	< 2	6	9	< 0.01	10
FAU-13:041 Orig						< 0.2	< 0.5	6	721	< 2	8	12	0.02	13
FAU-13:041 Dup						< 0.2	< 0.5	6	638	< 2	6	13	0.02	13
FAU-13:043 Orig						< 0.2	< 0.5	6	981	< 2	9	10	0.03	11
FAU-13:043 Dup						< 0.2	< 0.5	7	1090	2	7	11	0.03	13
FAU-13:045 Orig						< 0.2	< 0.5	19	1230	< 2	10	13	0.27	14
FAU-13:045 Dup						0.5	< 0.5	20	1270	3	11	15	0.33	16
FAU-13:048 Orig						< 0.2	0.8	8	796	< 2	8	11	0.01	14
FAU-13:048 Dup						< 0.2	0.5	7	1220	3	9	8	< 0.01	14
FAU-13:144 Orig						< 0.2	< 0.5	6	780	2	10	12	0.02	15
FAU-13:144 Dup						< 0.2	0.6	6	878	2	12	12	0.02	15
FAU-13:151 Orig						< 0.2	< 0.5	16	3800	3	19	11	0.02	37
FAU-13:151 Dup						< 0.2	< 0.5	15	1450	3	19	10	0.03	41
Method Blank						< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 0.01	< 1

Analyte Symbol	Th	U	W	Yb	Zn	Ag	Cd	Cu	Mn	Mo	Ni	Pb	S	Zn
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection limit	0.5	0.5	4	0.2	200	0.2	0.5	1	2	2	1	2	0.01	1
Analysis Method	INAA	INAA	INAA	INAA	INAA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank						< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 0.01	< 1
Method Blank						< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 0.01	< 1
Method Blank	< 0.5	< 0.5	< 4	< 0.2	< 200									
Method Blank	< 0.5	< 0.5	< 4	< 0.2	< 200									
Method Blank						< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 0.01	< 1
Method Blank						< 0.2	< 0.5	< 1	< 2	< 2	< 1	< 2	< 0.01	2

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
TELEPHONE: (613) 226-1771
FAX NO.: (613) 226-8753
EMAIL: odm@storm.ca

DATA TRANSMITTAL REPORT

DATE: 29-Nov-13

ATTENTION: **Mr. Pascal Simard**

CLIENT: **Mines Virginia Inc.**
300, St-Paul, bur 200
Quebec, Qc
G1K 7R1

E-MAIL: **psimard@minesvirginia.com**
strepanier@minesvirginia.com

NO. OF PAGES: 15

PROJECT:

FILE NAME: **20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold**

SAMPLE NUMBERS: **FAU-13-001 to 015, 018 to 030, 032, 033, 035 to 046, 048 to 053, 055 to 069, 071 to 105, 108, 110, 112, 114, 116, 117, 119, 122 to 144 and 151**

BATCH NUMBER: **6458**

TOTAL SAMPLES: **129**

THESE SAMPLES WERE PROCESSED FOR: **GOLD GRAIN COUNT**
HMC

SPECIFICATIONS:

1. Submitted by client: ~10 to 15 kg till and sand/gravel samples.
2. One ±500 g archival split taken.
3. All samples panned for gold and metallic minerals.
4. Heavy liquid separation specific gravity: 3.3.
5. 1 g split of the nonferromagnetic HMC retained from each sample, remainder submitted to Actlabs for analysis.

REMARKS:

HMC preparation final and gold grain counts based on actual NMHMC.

Remy Huneault, P.Geo.
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS

Project:
Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Weight (kg wet)					-2.0 mm Table Concentrate Weight (g dry)					Sample Description													CLASS
							Heavy Liquid Separation (S.G. 3.3)				Clasts (> 2.0 mm)					Matrix (<2.0 mm)								
								HMC				Percentage				Distribution					Colour		
	Bulk Rec'd	Archived Split	Table Split	+2.0 mm Clasts	Table Feed	Total	Lights	Total	Non Mag	Mag	Size	V/S	GR	LS	OT	S/U	SD	ST	CY	ORG	SD	CY	
FAU-13-001	14.3	0.5	13.8	2.6	11.2	232.5	197.5	35.0	20.5	14.5	P	30	70	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-002	13.5	0.5	13.0	5.1	7.9	249.3	197.5	51.8	30.2	21.6	P	20	80	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-003	13.8	0.5	13.3	6.1	7.2	189.0	184.9	24.1	12.5	11.6	P	40	60	0	0	U	+	-	-	N	DOC	DOC	TILL
FAU-13-004	16.0	0.5	15.5	3.0	12.5	263.9	194.7	69.2	43.0	26.2	P	50	50	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-005	12.2	0.5	11.7	3.2	8.5	304.2	251.0	53.2	33.6	19.6	P	40	60	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-006	19.3	0.5	18.8	6.3	12.5	295.9	209.3	86.6	55.7	30.9	C	50	50	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-007	15.6	0.5	15.1	4.5	10.6	320.5	226.9	93.6	57.4	36.2	C	50	50	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-008	14.4	0.5	13.9	3.3	10.6	239.7	196.4	43.3	28.8	14.5	C	40	60	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-009	16.1	0.5	15.6	4.1	11.5	233.7	175.6	58.1	34.8	23.3	C	40	60	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-010	15.1	0.5	14.6	1.9	12.7	292.2	246.1	46.1	29.5	16.6	P	20	80	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-011	14.6	0.5	14.1	1.8	12.3	313.8	263.8	50.0	31.2	18.8	P	50	50	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-012	16.6	0.5	16.1	2.3	13.8	264.2	209.1	55.1	34.0	21.1	P	40	60	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-013	11.9	0.5	11.4	4.1	7.3	164.7	145.9	18.8	10.0	8.8	C	40	60	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-014	16.8	0.5	16.3	2.4	13.9	309.2	237.6	71.6	43.9	27.7	P	50	50	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-015	13.6	0.5	13.1	1.8	11.3	242.5	202.9	39.6	23.4	16.2	P	40	60	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-018	15.7	0.5	15.2	2.4	12.8	284.8	223.6	61.2	37.6	23.6	P	40	60	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-019	18.1	0.5	17.6	7.6	10.0	318.4	264.3	54.1	33.8	20.3	P	30	70	0	0	U	+	-	-	N	DOC	DOC	TILL
FAU-13-020	17.3	0.5	16.8	2.3	14.5	368.2	295.6	72.6	42.0	30.6	P	20	80	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-021	13.1	0.5	12.6	2.4	10.2	325.6	257.2	68.4	42.2	26.2	P	30	70	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-022	13.7	0.5	13.2	1.4	11.8	342.7	305.7	37.0	22.2	14.8	P	30	70	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-023	16.7	0.5	16.2	3.2	13.0	328.6	266.6	60.0	33.4	26.6	P	40	60	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-024	14.8	0.5	14.3	1.8	12.5	235.0	171.3	63.7	39.2	24.5	P	30	70	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-025	13.7	0.5	13.2	2.0	11.2	297.9	251.6	46.3	27.7	18.6	P	30	70	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-026	15.1	0.5	14.6	2.3	12.3	277.2	233.2	44.0	25.9	18.1	P	60	40	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-027	15.8	0.5	15.3	2.9	12.4	306.8	246.8	60.0	36.6	23.4	P	30	70	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-028	16.2	0.5	15.7	2.3	13.4	259.5	199.9	59.6	37.6	22.0	P	40	60	0	0	U	+	Y	-	N	GB	GB	TILL
FAU-13-029	15.1	0.5	14.6	0.4	14.2	481.5	166.7	314.8	185.5	129.3	P	60	40	0	0	S	FM	-	N	N	BE	NA	SAND
FAU-13-030	17.8	0.5	17.3	3.7	13.6	270.5	184.3	86.2	48.6	37.6	P	80	20	0	0	U	+	Y	-	N	BE	BE	TILL
FAU-13-032	17.8	0.5	17.3	7.4	9.9	327.1	218.7	108.4	67.6	40.8	P	90	10	0	0	U	+	-	N	N	DOC	DOC	TILL + RUBBLE
FAU-13-033	13.7	0.5	13.2	1.5	11.7	190.0	148.3	41.7	26.8	14.9	P	90	10	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-035	15.7	0.5	15.2	3.2	12.0	273.7	221.6	52.1	30.0	22.1	P	40	60	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-036	18.9	0.5	18.4	2.2	16.2	319.5	265.9	53.6	32.6	21.0	P	40	60	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-037	17.6	0.5	17.1	4.1	13.0	316.8	269.6	47.2	27.8	19.4	P	60	40	0	0	U	Y	Y	Y	N	DOC	DOC	TILL
FAU-13-038	18.5	0.5	18.0	2.8	15.2	307.6	231.1	76.5	42.0	34.5	P	60	40	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-039	14.7	0.5	14.2	3.8	10.4	232.1	161.6	70.5	43.0	27.5	P	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-040	17.2	0.5	16.7	3.4	13.3	295.3	220.3	75.0	43.5	31.5	P	40	60	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-041	13.4	0.5	12.9	2.9	10.0	268.6	230.4	38.2	23.7	14.5	C	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-042	15.2	0.5	14.7	5.2	9.5	261.1	237.9	23.2	13.6	9.6	C	60	40	0	0	U	+	-	-	N	DOC	DOC	TILL
FAU-13-043	12.2	0.5	11.7	3.4	8.3	204.5	160.8	43.7	26.5	17.2	C	60	40	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-044	8.4	0.5	7.9	2.3	5.6	217.8	196.4	21.4	16.0	5.4	C	90	10	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-045	15.2	0.5	14.7	4.7	10.0	231.2	173.9	57.3	28.2	29.1	P	60	40	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-046	18.4	0.5	17.9	4.0	13.9	289.2	246.5	42.7	25.1	17.6	P	40	60	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-048	15.2	0.5	14.7	5.6	9.1	266.5	232.7	33.8	20.8	13.0	G	80	40	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-049	16.9	0.5	16.4	4.7	11.7	366.0	266.6	99.4	59.8	39.6	P	50	50	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-050	13.1	0.5	12.6	3.0	9.6	293.3	214.4	78.9	47.9	31.0	P	50	50	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-051	15.3	0.5	14.8	4.0	10.8	233.7	177.6	56.1	32.8	23.3	C	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-052	16.7	0.5	16.2	4.1	12.1	337.3	260.5	76.8	46.1	30.7	P	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-053	13.5	0.5	13.0	6.2	6.8	251.3	191.1	60.2	35.3	24.9	C	70	30	0	0	U	+	-	-	N	OC	OC	TILL
FAU-13-055	15.1	0.5	14.6	7.8	6.8	262.5	240.3	22.2	15.6	6.6	P	100	Tr	0	0	U	+	-	N	N	OC	NA	TILL + RUBBLE
FAU-13-056	12.9	0.5	12.4	4.3	8.1	291.9	189.4	102.5	20.6	81.9	P	90	10	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-057	13.0	0.5	12.5	4.9	7.6	274.0	220.5	53.5	37.9	15.6	P	70	30	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-058	15.6	0.5	15.1	5.8	9.3	334.4	280.3	54.1	35.3	18.8	P	90	10	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-059	11.6	0.5	11.1	3.7	7.4	300.8	125.1	175.7	88.4	87.3	P	70	30	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-060	17.6	0.5	17.1	1.6	15.5	252.7	173.4	79.3	49.5	29.8	C	100	Tr	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-061	12.5	0.5	12.0	3.1	8.9	255.0	213.8	41.2	26.1	15.1	C	80	20	0	0	U	+	Y	-	N	DDC	DOC	TILL
FAU-13-062	15.1	0.5	14.6	5.8	8.8	472.0	124.8	347.4	185.4	162.0	P	70	30	0	0	S	MC	-	N	N	OC	NA	SAND + GRAVEL
FAU-13-063	9.9	0.5	9.4	4.3	5.1	186.7	182.9	3.8	3.7	0.1	C	100	0	0	0	U	+	-	N	N	GG	NA	RUBBLE
FAU-13-064	13.2	0.5	12.7	1.5	11.2	304.0	250.6	53.4	31.8	21.6	P	60	40	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-065	14.0	0.5	13.5	2.7	10.8	244.7	167.7	77.0	45.6	31.4	P	90	10	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-066	13.0	0.5	12.5	1.2	11.3	224.3	172.9	51.4	40.6	10.8	C	90	10	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-067	13.6	0.5	13.1	1.3	11.8	203.7	134.2	69.5	44.5	25.0	P	90	10	0	0	U	+	Y	-	N	DC	OC	TILL
FAU-13-068	14.2	0.5	13.7	0.1	13.6	132.7	120.8	11.9	10.0	1.9	P	70	30	0	0	S	F	+	N	N	MN	NA	SAND + SILT
FAU-13-069	14.2	0.5	13.7	0.1	13.6	218.0	174.4	43.6	28.0	15.6	P	30	70	0	0	S	F	+	N	N	MN	NA	SAND + SILT
FAU-13-071	13.4	0.5	12.9	6.1	6.8	285.8	170.2	115.6	101.1	14.5	P	95	5	0	0	U	+	-	-	N	DOC	DOC	TILL
FAU-13-072	15.2	0.5	14.7	2.1	12.6	279.7	238.4	41.3	37.3	4.0	P	100	Tr	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-073	15.2	0.5	14.7	3.5	11.2	310.2	219.9	90.3	50.8	39.7	P	50	50	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-074	11.2	0.5	10.7	2.4	8.3	231.5	184.1	47.4	29.3	18.1	P	90	10	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-075	12.7	0.5	12.2	3.0	9.2	214.4	170.5	43.9	27.1	16.8	P	90	10	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-076	14.1	0.5	13.6	2.6	11.0	332.7	256.3	76.4	44.5	31.9	P	50	50	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-077	12.6	0.5	12.1	2.8	9.3	205.8	188.4	17.4	13.4	4.0	P	100	Tr	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-078	12.7	0.5	12.2	2.9	9.3	236.1	224.0	12.1	10.1	2.0	P	80	20	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-079	15.0	0.5	14.5	2.6	11.9	230.6	175.6	55.0	32.4	22.6	P	60	40	0	0	U	+	Y	-	N	DOC	DDC	TILL
FAU-13-080	11.2	0.5	10.7	3.1	7.6	228.1	184.3	43.8	30.8	13.0	P	80	20	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-081	12.8	0.5	12.3	5.1	7.2	242.4	184.3	58.1	41.1	17.0	P	100	Tr	0	0	U	+	-	N	N	DOC	NA	TILL + RUBBLE
FAU-13-082	14.0	0.5	13.5	5.4	8.1	205.0	151.7	53.3	28.3	25.0	P	70	30	0	0	U	+	-	-	N	DOC	DOC	TILL
FAU-13-083	12.4	0.5	11.9	3.8	8.1	244.1	179.3	64.8	38.6	26.2	P	70	30	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-084	13.0	0.5	12.5	2.5	10.0	247.6	189.1	58.5	32.6	25.9	P	60	40	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-085	12.1	0.5	11.6	2.1	9.5	258.4	209.2	49.2	24.6	24.6	P	60	40	0	0	U	+	Y	-	N	OC	DC	TILL
FAU-13-086	15.2	0.5	14.7	3.5	11.2	284.6	205.2	79.4	42.6	36.8	P	70	30	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-087	12.7	0.5	12.2	3.3	8.9	291.9	225.0	66.9	35.6	31.3	P	70	30	0	0	U	+	Y	-	N	DOC	DOC	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS

Project:
Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Weight (kg wet)					-2.0 mm Table Concentrate Weight (g dry)					Sample Description												CLASS
							Heavy Liquid Separation (S.G. 3.3)					Clasts (> 2.0 mm)					Matrix (<2.0 mm)							
								HMC				Percentage				Distribution					Colour		
	Bulk Rec'd	Archived Split	Table Split	+2.0 mm Clasts	Table Feed	Total	Lights	Total	Non Mag	Mag	Size	V/S	GR	LS	OT	S/U	SD	ST	CY	ORG	SD	CY	
FAU-13-088	15.2	0.5	14.7	4.4	10.3	233.0	186.1	46.9	24.3	22.6	C	50	50	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-089	14.6	0.5	14.1	7.4	6.7	137.7	117.5	20.2	10.2	10.0	C	50	50	0	0	U	+	-	-	N	DOC	DOC	TILL
FAU-13-090	14.2	0.5	13.7	3.6	10.1	299.3	268.1	31.2	15.7	15.5	C	60	40	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-091	16.7	0.5	16.2	4.4	11.8	263.9	229.1	54.8	23.6	31.2	C	60	40	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-092	13.8	0.5	13.3	2.5	10.8	245.0	205.6	39.4	18.0	21.4	C	70	30	0	0	U	Y	Y	Y	N	DOC	DOC	TILL
FAU-13-093	19.3	0.5	18.8	2.4	16.4	365.7	296.0	69.7	39.2	30.5	C	70	30	0	0	U	Y	Y	Y	N	DOC	DOC	TILL
FAU-13-094	18.1	0.5	17.6	2.8	14.8	266.5	193.8	72.7	37.0	35.7	P	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-095	13.8	0.5	13.3	4.7	8.6	254.6	213.9	40.7	25.2	15.5	P	80	20	0	0	U	+	-	-	N	DOC	DOC	TILL
FAU-13-096	16.5	0.5	16.0	3.6	12.4	244.2	205.1	39.1	20.3	18.8	C	90	10	0	0	U	Y	+	-	N	BN	BN	TILL
FAU-13-097	16.2	0.5	15.7	3.0	12.7	270.1	219.1	51.0	21.7	29.3	P	70	30	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-098	15.9	0.5	15.4	2.3	13.1	243.3	200.6	42.7	21.6	21.1	P	60	40	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-099	14.6	0.5	14.1	1.4	12.7	267.8	196.2	71.6	30.3	41.3	P	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-100	14.7	0.5	14.2	1.9	12.3	302.5	249.3	53.2	17.7	35.5	P	60	40	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-101	14.2	0.5	13.7	2.1	11.6	233.9	172.3	61.6	26.3	35.3	P	80	20	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-102	17.0	0.5	16.5	2.0	14.5	331.1	269.0	62.1	27.2	34.9	P	70	30	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-103	16.7	0.5	16.2	4.7	11.5	234.5	194.4	40.1	18.2	21.9	P	95	5	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-104	15.0	0.5	14.5	2.0	12.5	287.3	230.2	57.1	23.4	33.7	P	80	20	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-105	21.6	0.5	21.1	5.2	15.9	276.3	206.1	70.2	32.8	37.4	P	95	5	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-106	17.0	0.5	16.5	6.1	10.4	282.6	204.7	77.9	42.3	35.6	C	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-110	13.1	0.5	12.6	2.7	9.9	251.9	219.5	32.4	16.8	15.6	C	95	5	0	0	U	-	Y	+	N	DOC	DOC	TILL
FAU-13-112	14.1	0.5	13.6	4.6	9.0	313.8	296.0	17.8	7.4	10.4	C	90	10	0	0	U	Y	Y	Y	N	GG	GG	TILL
FAU-13-114	13.7	0.5	13.2	3.1	10.1	284.5	234.0	50.5	23.4	27.1	C	60	40	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-116	12.7	0.5	12.2	2.1	10.1	260.0	209.2	50.8	25.2	25.6	P	70	30	0	0	U	+	Y	-	N	DDC	DDC	TILL
FAU-13-117	13.8	0.5	13.3	0.1	13.2	201.0	199.3	1.7	1.0	0.7	P	70	30	0	0	S	F	+	+	N	DOC	DDC	SILT + CLAY
FAU-13-119	12.6	0.5	12.1	3.1	9.0	261.8	222.1	39.7	19.1	20.6	C	90	10	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-122	13.8	0.5	13.3	2.0	11.3	229.6	187.1	42.5	17.9	24.6	P	60	40	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-123	14.4	0.5	13.9	3.8	10.1	415.2	340.4	74.8	30.5	44.3	C	95	5	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-124	12.3	0.5	11.8	5.0	6.8	244.8	198.9	45.9	18.9	27.0	C	95	5	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-125	13.0	0.5	12.5	2.9	9.6	226.7	185.1	41.6	20.0	21.6	C	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-126	15.8	0.5	15.3	2.6	12.7	280.7	244.8	35.9	17.9	18.0	P	80	20	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-127	15.1	0.5	14.6	1.9	12.7	306.7	239.1	67.6	31.8	35.8	P	80	20	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-128	16.2	0.5	15.7	2.7	13.0	327.2	269.1	58.1	25.8	32.3	P	60	40	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-129	12.8	0.5	12.3	1.6	10.7	270.6	207.1	63.5	32.0	31.5	P	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-130	15.2	0.5	14.7	2.4	12.3	279.9	241.1	38.8	18.0	20.8	P	80	20	0	0	U	Y	Y	Y	N	DOC	DOC	TILL
FAU-13-131	19.1	0.5	18.6	3.0	15.6	315.5	247.2	68.3	31.5	36.8	P	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-132	17.9	0.5	17.4	2.7	14.7	237.8	172.5	65.3	33.0	32.3	P	80	20	0	0	U	Y	Y	Y	N	DOC	DOC	TILL
FAU-13-133	15.3	0.5	14.8	2.8	12.0	220.1	166.4	53.7	26.4	27.3	C	90	10	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-134	18.1	0.5	17.6	3.0	14.6	212.1	149.2	62.9	35.1	27.8	C	90	10	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-135	14.3	0.5	13.8	2.2	11.6	232.1	159.1	73.0	34.0	39.0	C	90	10	0	0	U	+	Y	-	N	OC	OC	TILL
FAU-13-136	18.3	0.5	17.8	3.7	14.1	320.0	233.6	86.4	40.1	46.3	C	80	20	0	0	U	Y	Y	Y	N	DOC	DOC	TILL
FAU-13-137	19.4	0.5	18.9	3.7	15.2	310.0	247.5	62.5	32.3	30.2	C	80	20	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-138	15.5	0.5	15.0	2.7	12.3	285.1	218.3	66.8	31.1	35.7	C	90	10	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-139	15.8	0.5	15.3	2.9	12.4	225.9	173.1	52.8	24.0	28.8	C	90	10	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-140	12.8	0.5	12.3	2.4	9.9	195.2	147.9	47.3	23.0	24.3	C	80	20	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-141	13.0	0.5	12.5	6.0	6.5	210.2	180.1	30.1	13.6	16.5	C	80	20	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-142	14.8	0.5	14.3	2.2	12.1	229.0	167.6	61.4	30.2	31.2	C	70	30	0	0	U	Y	Y	Y	N	OC	OC	TILL
FAU-13-143	16.0	0.5	15.5	4.1	11.4	181.0	139.2	41.8	22.0	19.8	C	80	20	0	0	U	Y	Y	Y	N	DOC	DOC	TILL
FAU-13-144	19.1	0.5	18.6	6.0	12.6	254.2	198.3	55.9	29.7	26.2	C	90	10	0	0	U	+	Y	-	N	DOC	DOC	TILL
FAU-13-151	16.0	0.5	15.5	6.4	9.1	353.9	247.2	106.7	67.6	39.1	C	70	30	0	0	U	+	Y	-	N	DOC	DOC	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED
GOLD GRAIN SUMMARY

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Number of Visible Gold Grains				Total Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
FAU-13-001	1	0	1	0	20.5	9	0	9	0
FAU-13-002	0	0	0	0	30.2	0	0	0	0
FAU-13-003	0	0	0	0	12.5	0	0	0	0
FAU-13-004	0	0	0	0	43.0	0	0	0	0
FAU-13-005	0	0	0	0	33.6	0	0	0	0
FAU-13-006	0	0	0	0	55.7	0	0	0	0
FAU-13-007	0	0	0	0	57.4	0	0	0	0
FAU-13-008	1	1	0	0	28.8	3	3	0	0
FAU-13-009	0	0	0	0	34.8	0	0	0	0
FAU-13-010	0	0	0	0	29.5	0	0	0	0
FAU-13-011	0	0	0	0	31.2	0	0	0	0
FAU-13-012	0	0	0	0	34.0	0	0	0	0
FAU-13-013	0	0	0	0	10.0	0	0	0	0
FAU-13-014	1	1	0	0	43.9	4	4	0	0
FAU-13-015	0	0	0	0	23.4	0	0	0	0
FAU-13-018	0	0	0	0	37.6	0	0	0	0
FAU-13-019	0	0	0	0	33.8	0	0	0	0
FAU-13-020	1	1	0	0	42.0	5	5	0	0
FAU-13-021	0	0	0	0	42.2	0	0	0	0
FAU-13-022	0	0	0	0	22.2	0	0	0	0
FAU-13-023	0	0	0	0	33.4	0	0	0	0
FAU-13-024	0	0	0	0	39.2	0	0	0	0
FAU-13-025	0	0	0	0	27.7	0	0	0	0
FAU-13-026	0	0	0	0	25.9	0	0	0	0
FAU-13-027	1	1	0	0	36.6	18	18	0	0
FAU-13-028	2	2	0	0	37.6	12	12	0	0
FAU-13-029	4	4	0	0	185.5	4	4	0	0
FAU-13-030	0	0	0	0	48.6	0	0	0	0
FAU-13-032	0	0	0	0	67.6	0	0	0	0
FAU-13-033	1	1	0	0	26.8	24	24	0	0
FAU-13-035	0	0	0	0	30.0	0	0	0	0
FAU-13-036	0	0	0	0	32.6	0	0	0	0
FAU-13-037	0	0	0	0	27.8	0	0	0	0
FAU-13-038	0	0	0	0	42.0	0	0	0	0
FAU-13-039	2	2	0	0	43.0	2	2	0	0
FAU-13-040	0	0	0	0	43.5	0	0	0	0
FAU-13-041	0	0	0	0	23.7	0	0	0	0
FAU-13-042	0	0	0	0	13.6	0	0	0	0
FAU-13-043	0	0	0	0	26.5	0	0	0	0
FAU-13-044	0	0	0	0	16.0	0	0	0	0
FAU-13-045	3	2	1	0	28.2	59	37	23	0
FAU-13-046	0	0	0	0	25.1	0	0	0	0
FAU-13-048	1	1	0	0	20.8	18	18	0	0
FAU-13-049	2	2	0	0	59.8	67	67	0	0
FAU-13-050	1	1	0	0	47.9	4	4	0	0
FAU-13-051	0	0	0	0	32.8	0	0	0	0
FAU-13-052	0	0	0	0	46.1	0	0	0	0
FAU-13-053	0	0	0	0	35.3	0	0	0	0

OVERBURDEN DRILLING MANAGEMENT LIMITED
GOLD GRAIN SUMMARY

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Number of Visible Gold Grains				Total Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
FAU-13-055	0	0	0	0	15.6	0	0	0	0
FAU-13-056	0	0	0	0	20.6	0	0	0	0
FAU-13-057	3	1	2	0	37.9	6	5	1	0
FAU-13-058	0	0	0	0	35.3	0	0	0	0
FAU-13-059	2	1	0	1	88.4	23	11	0	11
FAU-13-060	0	0	0	0	49.5	0	0	0	0
FAU-13-061	2	2	0	0	26.1	115	115	0	0
FAU-13-062	1	1	0	0	185.4	1	1	0	0
FAU-13-063	1	0	0	1	3.7	22	0	0	22
FAU-13-064	0	0	0	0	31.8	0	0	0	0
FAU-13-065	2	2	0	0	45.6	35	35	0	0
FAU-13-066	2	1	1	0	40.6	5	5	1	0
FAU-13-067	1	1	0	0	44.5	239	239	0	0
FAU-13-068	0	0	0	0	10.0	0	0	0	0
FAU-13-069	2	0	0	2	28.0	1	0	0	1
FAU-13-071	0	0	0	0	101.1	0	0	0	0
FAU-13-072	3	3	0	0	37.3	23	23	0	0
FAU-13-073	0	0	0	0	50.6	0	0	0	0
FAU-13-074	0	0	0	0	29.3	0	0	0	0
FAU-13-075	1	0	1	0	27.1	1	0	1	0
FAU-13-076	1	1	0	0	44.5	14	14	0	0
FAU-13-077	0	0	0	0	13.4	0	0	0	0
FAU-13-078	0	0	0	0	10.1	0	0	0	0
FAU-13-079	1	1	0	0	32.4	1	1	0	0
FAU-13-080	0	0	0	0	30.8	0	0	0	0
FAU-13-081	1	1	0	0	41.1	9	9	0	0
FAU-13-082	2	1	0	1	28.3	14	13	0	1
FAU-13-083	0	0	0	0	38.6	0	0	0	0
FAU-13-084	0	0	0	0	32.6	0	0	0	0
FAU-13-085	0	0	0	0	24.6	0	0	0	0
FAU-13-086	2	2	0	0	42.6	36	36	0	0
FAU-13-087	0	0	0	0	35.6	0	0	0	0
FAU-13-088	0	0	0	0	24.3	0	0	0	0
FAU-13-089	0	0	0	0	10.2	0	0	0	0
FAU-13-090	0	0	0	0	15.7	0	0	0	0
FAU-13-091	0	0	0	0	23.6	0	0	0	0
FAU-13-092	0	0	0	0	18.0	0	0	0	0
FAU-13-093	93	0	8	85	39.2	456	0	54	403
FAU-13-094	1	1	0	0	37.0	10	10	0	0
FAU-13-095	1	1	0	0	25.2	8	8	0	0
FAU-13-096	0	0	0	0	20.3	0	0	0	0
FAU-13-097	0	0	0	0	21.7	0	0	0	0
FAU-13-098	4	3	1	0	21.6	7	6	1	0
FAU-13-099	0	0	0	0	30.3	0	0	0	0
FAU-13-100	0	0	0	0	17.7	0	0	0	0
FAU-13-101	0	0	0	0	26.3	0	0	0	0
FAU-13-102	0	0	0	0	27.2	0	0	0	0
FAU-13-103	0	0	0	0	18.2	0	0	0	0

OVERBURDEN DRILLING MANAGEMENT LIMITED
GOLD GRAIN SUMMARY

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Number of Visible Gold Grains				Total Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
FAU-13-104	0	0	0	0	23.4	0	0	0	0
FAU-13-105	0	0	0	0	32.8	0	0	0	0
FAU-13-108	0	0	0	0	42.3	0	0	0	0
FAU-13-110	0	0	0	0	16.8	0	0	0	0
FAU-13-112	1	1	0	0	7.4	11	11	0	0
FAU-13-114	3	0	0	3	23.4	4	0	0	4
FAU-13-116	0	0	0	0	25.2	0	0	0	0
FAU-13-117	0	0	0	0	1.0	0	0	0	0
FAU-13-119	0	0	0	0	19.1	0	0	0	0
FAU-13-122	0	0	0	0	17.9	0	0	0	0
FAU-13-123	0	0	0	0	30.5	0	0	0	0
FAU-13-124	0	0	0	0	18.9	0	0	0	0
FAU-13-125	0	0	0	0	20.0	0	0	0	0
FAU-13-126	0	0	0	0	17.9	0	0	0	0
FAU-13-127	0	0	0	0	31.8	0	0	0	0
FAU-13-128	1	0	1	0	25.8	7	0	7	0
FAU-13-129	0	0	0	0	32.0	0	0	0	0
FAU-13-130	0	0	0	0	18.0	0	0	0	0
FAU-13-131	0	0	0	0	31.5	0	0	0	0
FAU-13-132	0	0	0	0	33.0	0	0	0	0
FAU-13-133	1	0	1	0	26.4	36	0	36	0
FAU-13-134	0	0	0	0	35.1	0	0	0	0
FAU-13-135	0	0	0	0	34.0	0	0	0	0
FAU-13-136	0	0	0	0	40.1	0	0	0	0
FAU-13-137	0	0	0	0	32.3	0	0	0	0
FAU-13-138	0	0	0	0	31.1	0	0	0	0
FAU-13-139	1	0	0	1	24.0	3	0	0	3
FAU-13-140	0	0	0	0	23.0	0	0	0	0
FAU-13-141	0	0	0	0	13.6	0	0	0	0
FAU-13-142	0	0	0	0	30.2	0	0	0	0
FAU-13-143	0	0	0	0	22.0	0	0	0	0
FAU-13-144	0	0	0	0	29.7	0	0	0	0
FAU-13-151	0	0	0	0	67.6	0	0	0	0

OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Total Weight (g)	Calculated V.G. Assay in HMC (ppb)		Metallic Minerals in Pan Concentrate
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total				
FAU-13-001	Yes	10 C	25	75			1	1	1	20.5	9	~10 grains pyrite (50-150µm).
FAU-13-002	Yes	NO VISIBLE GOLD										~10 grains scheelite (50-250µm). ~10 grains pyrite (50-75µm).
FAU-13-003	Yes	NO VISIBLE GOLD										~20 grains pyrite (50-100µm).
FAU-13-004	Yes	NO VISIBLE GOLD										~10 grains scheelite (50-150µm). No sulphides.
FAU-13-005	Yes	NO VISIBLE GOLD										~10 grains scheelite (50-100µm). ~10 grains pyrite (50-100µm).
FAU-13-006	Yes	NO VISIBLE GOLD										~10 grains pyrite (50-75µm).
FAU-13-007	Yes	NO VISIBLE GOLD										~20 grains scheelite (50-500µm). No sulphides.
FAU-13-008	Yes	8 C	25	50	1			1	1	28.8	3	~10 grains scheelite (50-250µm). 1 grain pyrite (50µm).
FAU-13-009	Yes	NO VISIBLE GOLD										~20 grains scheelite (50-250µm). No sulphides.
FAU-13-010	Yes	NO VISIBLE GOLD										~10 grains scheelite (50-100µm). No sulphides.
FAU-13-011	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-012	Yes	NO VISIBLE GOLD										~10 grains scheelite (50-150µm). No sulphides.
FAU-13-013	Yes	NO VISIBLE GOLD										~10 grains scheelite (50-150µm). 3 grains pyrite (50-75µm).
FAU-13-014	Yes	10 C	50	50	1			1	1	43.9	4	No sulphides.
FAU-13-015	Yes	NO VISIBLE GOLD										~10 grains pyrite (50-100µm).
FAU-13-018	Yes	NO VISIBLE GOLD										5 grains scheelite (50-150µm). 2 grains pyrite (50µm).
FAU-13-019	Yes	NO VISIBLE GOLD										2 grains pyrite (50-75µm).
FAU-13-020	Yes	10 C	50	50	1			1	1	42.0	5	1 grain scheelite (150µm). No sulphides.
FAU-13-021	Yes	NO VISIBLE GOLD										2 grains scheelite (100-150µm). 1 grain pyrite (150µm).
FAU-13-022	Yes	NO VISIBLE GOLD										3 grains scheelite (100-150µm). No sulphides.
FAU-13-023	Yes	NO VISIBLE GOLD										~10 grains scheelite (50-150µm). No sulphides.
FAU-13-024	Yes	NO VISIBLE GOLD										3 grains scheelite (75-150µm). ~10 grains pyrite (50-100µm).
FAU-13-025	Yes	NO VISIBLE GOLD										~10 grains pyrite (25-50µm).

OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Total Weight (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
FAU-13-026	Yes	NO VISIBLE GOLD									~10 grains scheelite (50-250µm). No sulphides.
FAU-13-027	Yes	15 C	50	100	1			1			3 grains scheelite (100µm).
								1	36.6	18	No sulphides.
FAU-13-028	Yes	8 C	25	50	1			1			No sulphides.
		13 C	50	75	1			1			
								2	37.6	12	
FAU-13-029	Yes	5 C	25	25	3			3			No sulphides.
		15 C	50	100	1			1			
								4	185.5	4	
FAU-13-030	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-032	Yes	NO VISIBLE GOLD									~10 grains scheelite (50-150µm). ~10 grains pyrite (50-150µm).
FAU-13-033	Yes	15 C	50	100	1			1			No sulphides.
								1	26.8	24	
FAU-13-035	Yes	NO VISIBLE GOLD									~10 grains scheelite (50-250µm). No sulphides.
FAU-13-036	Yes	NO VISIBLE GOLD									~50 grains scheelite (50-500µm). No sulphides.
FAU-13-037	Yes	NO VISIBLE GOLD									~50 grains scheelite (50-500µm). No sulphides.
FAU-13-038	Yes	NO VISIBLE GOLD									~30 grains scheelite (50-250µm). No sulphides.
FAU-13-039	Yes	5 C	25	25	1			1			~30 grains scheelite (50-250µm).
		8 C	25	50	1			1			No sulphides.
								2	43.0	2	
FAU-13-040	Yes	NO VISIBLE GOLD									~30 grains scheelite (50-250µm). No sulphides.
FAU-13-041	Yes	NO VISIBLE GOLD									~50 grains scheelite (50-250µm). No sulphides.
FAU-13-042	Yes	NO VISIBLE GOLD									~30 grains scheelite (50-250µm). No sulphides.
FAU-13-043	Yes	NO VISIBLE GOLD									~20 grains scheelite (50-250µm). No sulphides.
FAU-13-044	Yes	NO VISIBLE GOLD									~10 grains scheelite (50-150µm). No sulphides.
FAU-13-045	Yes	5 C	25	25	1			1			No sulphides.
		15 C	75	75			1	1			
		18 C	75	100	1			1			
								3	28.2	59	
FAU-13-046	Yes	NO VISIBLE GOLD									No sulphides.

OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Total Weight (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
FAU-13-048	Yes	13 C	50	75	1			1			5 grains scheelite (50-150µm).
								1	20.8	18	No sulphides.
FAU-13-049	Yes	13 C	50	75	1			1			~15 grains scheelite (50-250µm).
		25 C	125	125	1			1			No sulphides.
								2	59.8	67	
FAU-13-050	Yes	10 C	50	50	1			1			~10 grains scheelite (50-100µm).
								1	47.9	4	No sulphides.
FAU-13-051	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-052	Yes	NO VISIBLE GOLD									~10 grains scheelite (50-150µm). No sulphides.
FAU-13-053	Yes	NO VISIBLE GOLD									~20 grains scheelite (50-150µm). No sulphides.
FAU-13-055	Yes	NO VISIBLE GOLD									~20 grains scheelite (50-250µm). ~10 grains scheelite (50-100µm).
FAU-13-056	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-057	Yes	3 C	15	15			1	1			~10 grains scheelite (50-250µm).
		5 C	25	25			1	1			No sulphides.
		10 C	50	50	1			1			
								3	37.9	6	
FAU-13-058	Yes	NO VISIBLE GOLD									5 grains pyrite (25-50µm).
FAU-13-059	Yes	18 C	50	125	1			1			No sulphides.
		18 C	75	100			1	1			
								2	88.4	23	
FAU-13-060	Yes	NO VISIBLE GOLD									~10 grains scheelite (50-150µm). No sulphides.
FAU-13-061	Yes	20 C	50	150	1			1			~20 grains scheelite (50-250µm).
		20 C	100	100	1			1			No sulphides.
								2	26.1	115	
FAU-13-062	Yes	10 C	50	50	1			1			~20 grains scheelite (50-250µm).
								1	185.4	1	No sulphides.
FAU-13-063	Yes	8 C	25	50			1	1			No sulphides.
								1	3.7	22	
FAU-13-064	Yes	NO VISIBLE GOLD									~20 grains scheelite (50-250µm). ~20 grains pyrite (50-150µm).
FAU-13-065	Yes	8 C	25	50	1			1			~20 grains scheelite (50-250µm).
		20 C	75	125	1			1			No sulphides.
								2	45.6	35	
FAU-13-066	Yes	5 C	25	25			1	1			~20 grains scheelite (50-250µm).
		10 C	25	75	1			1			~10 grains pyrite (25-50µm).
								2	40.6	5	
FAU-13-067	Yes	75 M	125	150	1			1			~20 grains scheelite (50-250µm).
								1	44.5	239	
FAU-13-068	Yes	NO VISIBLE GOLD									No sulphides.

OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Total Weight (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
FAU-13-069	Yes	3 C	15	15			1	1			No sulphides.
		5 C	25	25			1	1			
								2	28.0	1	
FAU-13-071	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-072	Yes	5 C	25	25	1			1			6 grains scheelite (50-150µm).
		10 C	25	75	1			1			No sulphides.
		15 C	75	75	1			1			
								3	37.3	23	
FAU-13-073	Yes	NO VISIBLE GOLD									~10 grains scheelite (50-250µm). No sulphides.
FAU-13-074	Yes	NO VISIBLE GOLD									~10 grains scheelite (50-150µm). No sulphides.
FAU-13-075	Yes	5 C	25	25			1	1			~20 grains scheelite (50-250µm).
								1	27.1	1	No sulphides.
FAU-13-076	Yes	15 C	50	100	1			1			~10 grains scheelite (50-150µm).
								1	44.5	14	No sulphides.
FAU-13-077	Yes	NO VISIBLE GOLD									~10 grains scheelite (50-150µm). ~20 grains pyrite (50-250µm).
FAU-13-078	Yes	NO VISIBLE GOLD									~20 grains scheelite (50-250µm). No sulphides.
FAU-13-079	Yes	5 C	25	25	1			1			~20 grains scheelite (50-250µm).
								1	32.4	1	No sulphides.
FAU-13-080	Yes	NO VISIBLE GOLD									~10 grains scheelite (50-150µm). No sulphides.
FAU-13-081	Yes	13 C	50	75	1			1			~10 grains scheelite (50-150µm).
								1	41.1	9	No sulphides.
FAU-13-082	Yes	5 C	25	25			1	1			No sulphides.
		13 C	50	75	1			1			
								2	28.3	14	
FAU-13-083	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-084	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-085	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-086	Yes	5 C	25	25	1			1			No sulphides.
		20 C	75	125	1			1			
								2	42.6	36	
FAU-13-087	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-088	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-089	Yes	NO VISIBLE GOLD									2 grains pyrite (75µm).
FAU-13-090	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-091	Yes	NO VISIBLE GOLD									No sulphides.

OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Total Weight (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
FAU-13-092	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-093	Yes	3 C	15	15			21	21			No sulphides.
		5 C	25	25		1	19	20			
		8 C	25	50		4	15	19			
		13 C	25	100			1	1			
		10 C	50	50			14	14			
		13 C	50	75		2	8	10			
		15 C	50	100			2	2			
		18 C	75	100		1	3	4			
		22 C	75	150			1	1			
		20 C	100	100			1	1			
								93	39.2	456	
FAU-13-094	Yes	13 C	50	75	1			1			~10 grains scheelite (100-250µm).
								1	37.0	10	
FAU-13-095	Yes	10 C	50	50	1			1			2 grains pyrite (50µm).
								1	25.2	8	
FAU-13-096	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-097	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-098	Yes	5 C	25	25	2	1		3			3 grains pyrite (25-50µm).
		8 C	25	50	1			1			
								4	21.6	7	
FAU-13-099	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-100	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-101	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-102	Yes	NO VISIBLE GOLD									2 grains scheelite (150-200µm). No sulphides.
FAU-13-103	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-104	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-105	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-108	Yes	NO VISIBLE GOLD									2 grains pyrite (75µm).
FAU-13-110	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-112	Yes	8 C	25	50	1			1			No sulphides.
								1	7.4	11	
FAU-13-114	Yes	3 C	15	15			2	2			No sulphides.
		8 C	25	50			1	1			
								3	23.4	4	
FAU-13-116	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-117	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-119	Yes	NO VISIBLE GOLD									No sulphides.
FAU-13-122	Yes	NO VISIBLE GOLD									No sulphides.

OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Total Weight (g)	Calculated V.G. Assay in HMC (ppb)		Metallic Minerals in Pan Concentrate
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total				
FAU-13-123	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-124	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-125	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-126	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-127	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-128	Yes	10 C	50	50		1		1				No sulphides.
								1	1	25.8	7	
FAU-13-129	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-130	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-131	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-132	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-133	Yes	50 M	50	50		1		1				2 grains pyrite (25-75µm).
								1	1	26.4	36	
FAU-13-134	Yes	NO VISIBLE GOLD										1 grain pyrite (150µm).
FAU-13-135	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-136	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-137	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-138	Yes	NO VISIBLE GOLD										3 grains scheelite (150-250µm). No sulphides.
FAU-13-139	Yes	8 C	25	50			1	1				1 grain scheelite (100µm).
								1	1	24.0	3	No sulphides.
FAU-13-140	Yes	NO VISIBLE GOLD										2 grains scheelite (100-150µm). No sulphides.
FAU-13-141	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-142	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-143	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-144	Yes	NO VISIBLE GOLD										No sulphides.
FAU-13-151	Yes	NO VISIBLE GOLD										No sulphides.

OVERBURDEN DRILLING MANAGEMENT LIMITED
NONFERROMAGNETIC HEAVY MINERAL CONCENTRATE

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Weight (g) Nonferromagnetic Heavy Mineral Concentrate			
			Analytical Split	
	Total	Excess*	INA	ICP
FAU-13-001	20.5	1.0	14.5	5.0
FAU-13-002	30.2	1.0	24.2	5.0
FAU-13-003	12.5	1.0	8.5	3.0
FAU-13-004	43.0	1.0	37.0	5.0
FAU-13-005	33.6	1.0	27.6	5.0
FAU-13-006	55.7	1.0	49.7	5.0
FAU-13-007	57.4	1.0	51.4	5.0
FAU-13-008	28.8	1.0	22.8	5.0
FAU-13-009	34.8	1.0	28.8	5.0
FAU-13-010	29.5	1.0	23.5	5.0
FAU-13-011	31.2	1.0	25.2	5.0
FAU-13-012	34.0	1.0	28.0	5.0
FAU-13-013	10.0	1.0	7.0	2.0
FAU-13-014	43.9	1.0	37.9	5.0
FAU-13-015	23.4	1.0	17.4	5.0
FAU-13-018	37.6	1.0	31.6	5.0
FAU-13-019	33.8	1.0	27.8	5.0
FAU-13-020	42.0	1.0	36.0	5.0
FAU-13-021	42.2	1.0	36.2	5.0
FAU-13-022	22.2	1.0	16.2	5.0
FAU-13-023	33.4	1.0	27.4	5.0
FAU-13-024	39.2	1.0	33.2	5.0
FAU-13-025	27.7	1.0	21.7	5.0
FAU-13-026	25.9	0.9	19.9	5.1
FAU-13-027	36.6	0.9	30.6	5.1
FAU-13-028	37.6	1.0	31.6	5.0
FAU-13-029	185.5	118.9	61.7	4.9
FAU-13-030	48.6	1.0	42.6	5.0
FAU-13-032	67.6	0.9	61.6	5.1
FAU-13-033	26.8	0.9	20.8	5.1
FAU-13-035	30.0	1.0	24.0	5.0
FAU-13-036	32.6	1.0	26.6	5.0
FAU-13-037	27.8	1.0	21.8	5.0
FAU-13-038	42.0	1.0	36.0	5.0
FAU-13-039	43.0	1.0	37.0	5.0
FAU-13-040	43.5	0.9	37.5	5.1
FAU-13-041	23.7	1.1	17.7	4.9
FAU-13-042	13.6	1.1	9.6	2.9
FAU-13-043	26.5	1.0	20.5	5.0
FAU-13-044	16.0	6.4	7.6	2.0
FAU-13-045	28.2	1.0	22.2	5.0
FAU-13-046	25.1	1.0	19.1	5.0
FAU-13-048	20.8	1.0	14.8	5.0
FAU-13-049	59.8	1.0	53.8	5.0
FAU-13-050	47.9	0.9	41.9	5.1
FAU-13-051	32.8	1.0	26.8	5.0
FAU-13-052	46.1	1.0	40.1	5.0
FAU-13-053	35.3	1.0	29.3	5.0
FAU-13-055	15.6	1.0	11.6	3.0
FAU-13-056	20.6	1.0	14.6	5.0
FAU-13-057	37.9	1.0	31.9	5.0
FAU-13-058	35.3	1.0	29.3	5.0
FAU-13-059	88.4	17.2	66.2	5.0

OVERBURDEN DRILLING MANAGEMENT LIMITED
NONFERROMAGNETIC HEAVY MINERAL CONCENTRATE

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Weight (g) Nonferromagnetic Heavy Mineral Concentrate			
			Analytical Split	
	Total	Excess*	INA	ICP
FAU-13-060	49.5	1.0	43.5	5.0
FAU-13-061	26.1	1.0	20.1	5.0
FAU-13-062	185.4	111.4	69.0	5.0
FAU-13-063	3.7	1.0	1.7	1.0
FAU-13-064	31.8	1.0	25.8	5.0
FAU-13-065	45.6	1.0	39.6	5.0
FAU-13-066	40.6	1.0	34.6	5.0
FAU-13-067	44.5	1.0	38.5	5.0
FAU-13-068	10.0	1.0	7.0	2.0
FAU-13-069	28.0	1.0	22.0	5.0
FAU-13-071	101.1	31.6	64.5	5.0
FAU-13-072	37.3	1.0	31.3	5.0
FAU-13-073	50.6	1.0	44.6	5.0
FAU-13-074	29.3	1.0	23.3	5.0
FAU-13-075	27.1	1.0	21.1	5.0
FAU-13-076	44.5	1.0	38.5	5.0
FAU-13-077	13.4	1.0	9.4	3.0
FAU-13-078	10.1	0.9	7.1	2.1
FAU-13-079	32.4	1.0	26.4	5.0
FAU-13-080	30.8	1.0	24.8	5.0
FAU-13-081	41.1	1.0	35.1	5.0
FAU-13-082	28.3	1.0	22.3	5.0
FAU-13-083	38.6	1.1	32.6	4.9
FAU-13-084	32.6	1.0	26.6	5.0
FAU-13-085	24.6	1.1	18.6	4.9
FAU-13-086	42.6	1.0	36.6	5.0
FAU-13-087	35.6	1.0	29.6	5.0
FAU-13-088	24.3	1.0	18.3	5.0
FAU-13-089	10.2	1.1	7.2	1.9
FAU-13-090	15.7	1.0	11.7	3.0
FAU-13-091	23.6	1.0	17.6	5.0
FAU-13-092	18.0	1.0	12.0	5.0
FAU-13-093	39.2	1.0	33.2	5.0
FAU-13-094	37.0	1.0	31.0	5.0
FAU-13-095	25.2	1.1	19.2	4.9
FAU-13-096	20.3	1.0	14.3	5.0
FAU-13-097	21.7	1.0	15.7	5.0
FAU-13-098	21.6	1.0	15.6	5.0
FAU-13-099	30.3	1.0	24.3	5.0
FAU-13-100	17.7	0.9	11.7	5.1
FAU-13-101	26.3	1.0	20.3	5.0
FAU-13-102	27.2	1.0	21.2	5.0
FAU-13-103	18.2	1.0	12.2	5.0
FAU-13-104	23.4	1.0	17.4	5.0
FAU-13-105	32.8	1.0	26.8	5.0
FAU-13-108	42.3	1.0	36.3	5.0
FAU-13-110	16.8	1.0	10.8	5.0
FAU-13-112	7.4	1.0	4.4	2.0
FAU-13-114	23.4	1.0	17.4	5.0
FAU-13-116	25.2	1.0	19.2	5.0
FAU-13-117	1.0	0.0	1.0	0.0
FAU-13-119	19.1	1.0	13.1	5.0
FAU-13-122	17.9	1.0	11.9	5.0

OVERBURDEN DRILLING MANAGEMENT LIMITED
NONFERROMAGNETIC HEAVY MINERAL CONCENTRATE

Filename: 20136426 - MinesVirginia - Simard - (FAU-13), Fosse Gold
Total Number of Samples in this Report = 129
Batch Number: 6458

Sample Number	Weight (g) Nonferromagnetic Heavy Mineral Concentrate			
	Total	Excess*	Analytical Split	
			INA	ICP
FAU-13-123	30.5	1.0	24.5	5.0
FAU-13-124	18.9	1.0	12.9	5.0
FAU-13-125	20.0	1.0	14.0	5.0
FAU-13-126	17.9	1.0	11.9	5.0
FAU-13-127	31.8	1.0	25.8	5.0
FAU-13-128	25.8	1.0	19.8	5.0
FAU-13-129	32.0	1.0	26.0	5.0
FAU-13-130	18.0	1.0	12.0	5.0
FAU-13-131	31.5	1.0	25.5	5.0
FAU-13-132	33.0	1.0	27.0	5.0
FAU-13-133	26.4	1.0	20.4	5.0
FAU-13-134	35.1	1.0	29.1	5.0
FAU-13-135	34.0	1.0	28.0	5.0
FAU-13-136	40.1	1.0	34.1	5.0
FAU-13-137	32.3	1.0	26.3	5.0
FAU-13-138	31.1	1.0	25.1	5.0
FAU-13-139	24.0	1.0	18.0	5.0
FAU-13-140	23.0	1.0	17.0	5.0
FAU-13-141	13.6	1.0	9.6	3.0
FAU-13-142	30.2	1.0	24.2	5.0
FAU-13-143	22.0	1.0	16.0	5.0
FAU-13-144	29.7	1.0	23.7	5.0
FAU-13-151	67.6	1.0	61.6	5.0

* Excess includes 1.0 g archival split retained from each sample.

2012 – CERTIFICATES: Rio Silver

2012 – DDH : Rio Silver

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 30-Oct-12
Invoice No.: A12-11562 (i)
Invoice Date: 06-Nov-12
Your Reference: KAN BATCH #1

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

71 Rock samples were submitted for analysis.

The following analytical packages were requested:

Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code Weight Report Received(kg) & Pulp(g) weights

REPORT **A12-11562 (i)**

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Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

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Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81201	< 5	258
81202	1290	3170
81203	268	2440
81204	86	3210
81205	< 5	3490
81206	12	2640
81207	121	3330
81208	2380	3380
81209	106	3220
81210	< 5	3120
81211	11	3120
81212	6	3180
81213	6	3760
81214	< 5	2830
81215	< 5	2960
81216	< 5	3140
81217	< 5	2740
81218	< 5	2950
81219	< 5	3350
81220	< 5	2780
81221	< 5	2400
81222	6	2960
81223	< 5	1450
81224	< 5	1420
81225	2030	18.0
81226	< 5	248
81227	< 5	2580
81228	< 5	2510
81229	< 5	2840
81230	< 5	3030
81231	< 5	2900
81232	< 5	2670
81233	< 5	3210
81234	6	2570
81235	< 5	2600
81236	< 5	2560
81237	< 5	2640
81238	< 5	2200
81239	< 5	2830
81240	< 5	3010
81241	< 5	2440
81242	< 5	2490
81243	< 5	2350
81244	< 5	2990
81245	< 5	2860
81246	< 5	2620
81247	< 5	2890
81248	< 5	1120
81249	< 5	1320
81250	2010	19.0
81251	< 5	255

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81252	< 5	2680
81253	< 5	2600
81254	< 5	2850
81255	< 5	2740
81256	< 5	2970
81257	< 5	2590
81258	< 5	2710
81259	< 5	2370
81260	5	2410
81261	< 5	2460
81262	< 5	2230
81263	< 5	2940
81264	< 5	2840
81265	< 5	3010
81266	< 5	3190
81267	< 5	2760
81268	< 5	2700
81269	< 5	2690
81270	< 5	1720
81271	< 5	1720

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
CDN-GS-P3C Meas	247
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	236
CDN-GS-P3C Cert	263.00
CDN-GS-1L Meas	1140
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1100
CDN-GS-1L Cert	1160.00
81210 Orig	< 5
81210 Dup	< 5
81220 Orig	< 5
81220 Dup	< 5
81230 Orig	< 5
81230 Split	< 5
81230 Orig	10
81230 Dup	< 5
81245 Orig	< 5
81245 Dup	< 5
81249 Orig	< 5
81249 Split	< 5
81255 Orig	< 5
81255 Dup	< 5
81260 Orig	5
81260 Split	< 5
81265 Orig	< 5
81265 Dup	< 5
81271 Orig	< 5
81271 Split	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 30-Oct-12
Invoice No.: A12-11562-ICP
Invoice Date: 19-Nov-12
Your Reference: KAN BATCH #1

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

71 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A12-11562-ICP**

Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code 8-4 Acid Total Digestion Code 8-4 Acid Total Digestion Assays
Code Weight Report Received(kg) & Pulp(g) weights

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81201	< 0.3	0.04	< 3	< 7	< 1	< 2	0.06	< 0.3	< 1	4	2	0.24	< 1	< 1	< 0.01	0.03	7	45	< 1	0.01	< 1	0.002	< 3	< 5
81202	< 0.3	0.44	7	21	< 1	4	1.94	2.1	4	5	35	22.8	8	4	0.14	3.65	5	5740	< 1	0.01	7	0.012	18	< 5
81203	< 0.3	0.15	5	7	< 1	4	1.59	2.3	4	2	10	25.5	6	4	0.06	3.79	1	5470	< 1	< 0.01	5	0.009	15	< 5
81204	< 0.3	0.13	4	< 7	< 1	4	1.87	2.5	6	5	24	26.7	3	3	0.03	3.60	1	7410	< 1	< 0.01	11	0.010	15	< 5
81205	< 0.3	0.05	< 3	< 7	< 1	3	2.62	2.1	3	3	9	22.4	7	2	0.01	3.45	< 1	7210	< 1	< 0.01	5	0.007	12	< 5
81206	< 0.3	0.07	< 3	< 7	1	4	1.57	2.1	4	3	7	23.0	8	4	< 0.01	3.60	< 1	6110	< 1	< 0.01	3	0.010	14	< 5
81207	< 0.3	0.13	8	8	< 1	2	1.70	2.0	4	9	86	21.9	9	3	0.05	3.49	1	7010	< 1	< 0.01	5	0.008	16	< 5
81208	< 0.3	0.70	10	33	< 1	2	3.89	2.0	5	3	29	22.5	9	4	0.28	3.77	5	8100	< 1	0.01	9	0.009	14	< 5
81209	< 0.3	0.10	< 3	< 7	< 1	4	1.66	2.0	4	2	5	22.3	9	2	0.03	3.57	< 1	7330	< 1	< 0.01	3	0.009	14	< 5
81210	< 0.3	0.05	< 3	< 7	< 1	3	1.73	1.9	3	3	4	20.7	10	4	0.02	3.43	< 1	6650	< 1	< 0.01	2	0.009	15	< 5
81211	< 0.3	0.31	14	< 7	< 1	3	3.08	1.9	4	19	5	21.2	10	3	0.09	3.69	2	8500	< 1	< 0.01	8	0.023	14	< 5
81212	< 0.3	0.74	13	< 7	< 1	3	3.10	1.6	7	23	7	18.2	12	2	0.05	3.10	6	10800	< 1	0.03	15	0.039	11	< 5
81213	< 0.3	1.41	12	24	< 1	2	1.11	2.0	9	38	11	21.9	11	3	0.84	3.30	6	13400	2	0.06	24	0.060	17	< 5
81214	< 0.3	0.88	11	< 7	1	< 2	1.96	1.4	10	27	11	16.8	13	2	0.11	2.54	6	12900	< 1	< 0.01	19	0.044	12	< 5
81215	0.4	0.68	5	< 7	< 1	4	1.91	1.8	9	20	10	20.2	11	3	0.13	3.17	3	11400	< 1	0.01	14	0.038	13	< 5
81216	< 0.3	0.66	5	8	1	3	2.62	1.8	7	54	13	19.7	12	2	0.14	3.30	2	11600	< 1	0.02	13	0.051	12	< 5
81217	< 0.3	0.73	4	22	1	2	1.62	1.8	9	23	6	20.4	12	2	0.30	3.04	2	14600	< 1	0.07	14	0.064	9	< 5
81218	< 0.3	0.79	7	24	< 1	2	1.54	1.2	8	19	11	17.8	11	< 1	0.32	2.68	1	11900	< 1	0.05	13	0.037	10	< 5
81219	0.4	1.11	6	15	< 1	< 2	4.68	0.6	11	24	17	17.0	12	2	0.27	3.04	1	14000	< 1	0.04	21	0.056	< 3	< 5
81220	< 0.3	5.14	4	212	2	< 2	1.14	0.8	20	73	37	11.0	23	< 1	2.71	1.93	1	2700	3	0.03	50	0.022	6	< 5
81221	0.8	7.15	9	222	4	< 2	0.22	0.8	37	95	63	10.3	26	2	3.24	1.76	44	716	3	0.04	104	0.028	93	< 5
81222	0.4	6.75	< 3	129	3	< 2	0.34	0.8	24	91	52	10.5	27	2	2.52	1.76	38	736	3	0.04	61	0.022	10	< 5
81223	< 0.3	8.10	4	119	2	< 2	0.26	0.8	28	110	68	9.20	27	< 1	3.86	2.26	36	600	2	0.04	76	0.025	4	< 5
81224	< 0.3	7.55	< 3	119	2	< 2	0.26	0.6	31	102	73	9.14	26	< 1	3.77	2.17	34	612	2	0.04	77	0.024	4	< 5
81225	> 100	1.32	907	138	< 1	55	2.35	568	33	30	> 10000	15.6	21	18	0.45	0.80	6	405	32	0.02	63	0.039	> 5000	137
81226	< 0.3	0.03	< 3	< 7	< 1	< 2	0.06	< 0.3	< 1	3	5	0.23	< 1	< 1	< 0.01	0.04	7	47	< 1	< 0.01	< 1	0.002	< 3	< 5
81227	< 0.3	6.48	39	135	< 1	< 2	6.77	1.2	53	94	132	8.28	21	< 1	3.13	4.27	41	1590	< 1	0.02	163	0.025	6	< 5
81228	< 0.3	6.44	58	87	< 1	< 2	7.05	0.8	59	94	124	8.19	21	< 1	1.27	4.32	39	1510	< 1	0.38	169	0.026	17	< 5
81229	< 0.3	6.46	50	15	< 1	< 2	5.82	0.8	54	110	143	8.72	21	2	0.18	4.69	40	1370	< 1	0.92	185	0.026	13	< 5
81230	0.3	6.38	31	< 7	< 1	< 2	6.08	0.4	52	120	140	8.57	20	2	0.04	4.51	1	1440	< 1	1.29	171	0.028	< 3	< 5
81231	< 0.3	6.64	< 3	< 7	< 1	< 2	6.14	0.9	45	117	168	8.40	21	< 1	0.15	3.88	33	1430	< 1	1.77	121	0.024	< 3	< 5
81232	< 0.3	6.42	8	9	< 1	< 2	6.57	0.8	44	112	159	8.29	22	< 1	0.22	3.82	33	1440	< 1	1.61	112	0.025	< 3	< 5
81233	< 0.3	6.52	< 3	11	< 1	< 2	5.80	0.7	49	119	148	8.59	22	3	0.31	3.91	34	1390	< 1	1.62	117	0.027	3	< 5
81234	< 0.3	6.40	< 3	12	< 1	< 2	6.78	0.9	46	110	147	8.46	22	< 1	0.35	3.88	34	1540	< 1	1.53	114	0.025	3	< 5
81235	< 0.3	6.75	< 3	17	< 1	< 2	5.64	0.8	49	107	148	8.75	23	1	0.49	4.12	36	1450	< 1	1.53	129	0.029	< 3	< 5
81236	< 0.3	6.53	6	20	< 1	< 2	5.99	0.8	55	112	165	8.81	23	< 1	0.55	4.06	36	1500	< 1	1.41	137	0.029	< 3	< 5
81237	< 0.3	6.63	6	18	< 1	< 2	5.52	0.8	50	110	189	8.80	23	2	0.44	4.09	37	1480	< 1	1.49	130	0.030	< 3	< 5
81238	< 0.3	6.64	12	118	< 1	< 2	6.12	0.7	36	103	117	7.72	23	1	0.98	2.97	31	1310	< 1	1.28	86	0.028	< 3	< 5
81239	< 0.3	8.25	5	481	1	< 2	1.86	< 0.3	11	69	8	4.44	27	< 1	4.98	1.51	35	702	< 1	0.20	30	0.017	< 3	< 5
81240	< 0.3	10.1	< 3	729	2	< 2	0.60	0.4	11	67	96	4.70	33	< 1	4.47	1.27	2	519	< 1	0.07	37	0.022	4	< 5
81241	< 0.3	8.89	7	454	2	< 2	0.54	< 0.3	10	111	39	4.96	28	< 1	4.10	1.20	35	534	2	0.13	42	0.030	8	< 5
81242	< 0.3	10.4	< 3	501	3	< 2	0.10	< 0.3	14	73	61	4.69	32	< 1	4.84	1.17	37	240	< 1	0.18	43	0.020	5	< 5
81243	< 0.3	8.15	5	302	2	< 2	0.06	0.5	12	88	10	6.78	27	< 1	4.68	1.84	37	529	< 1	0.56	39	0.018	< 3	< 5
81244	< 0.3	8.69	3	419	2	< 2	0.12	< 0.3	11	79	17	5.31	29	< 1	6.10	1.43	36	383	< 1	0.22	39	0.020	< 3	< 5
81245	< 0.3	9.40	< 3	483	3	< 2	0.17	< 0.3	13	79	44	4.30	29	< 1	7.73	1.11	34	233	< 1	0.23	39	0.019	< 3	< 5
81246	0.4	10.8	< 3	468	3	< 2	0.07	0.3	13	89	72	4.59	32	< 1	8.86	1.10	39	172	< 1	0.19	45	0.019	< 3	< 5
81247	< 0.3	11.5	< 3	573	3	< 2	0.10	0.4	15	89	91	4.57	35	< 1	8.86	1.19	42	162	1	0.11	52	0.019	< 3	< 5
81248	< 0.3	7.65	8	396	2	< 2	2.36	0.5	17	81	84	4.67	24	< 1	5.13	1.68	32	787	1	0.05	50	0.020	21	< 5
81249	< 0.3	7.03	8	283	1	< 2	2.26	0.5	18	83	73	4.59	23	< 1	2.09	1.69	31	771	< 1	0.04	52	0.023	21	< 5
81250	> 100	1.32	863	< 7	< 1	57	1.72	505	33	29	> 10000	16.3	20	20	0.39	0.85	2	458	35	0.02	63	0.041	> 5000	64
81251	< 0.3	0.04	< 3	< 7	< 1	< 2	0.08	< 0.3	< 1	4	5	0.24	< 1	< 1	0.01	0.04	7	28	< 1	< 0.01	< 1	0.002	< 3	< 5
81252	< 0.3	9.16	< 3	642	2	< 2	3.54	< 0.3	15	71	123	5.11	28	< 1	4.03	1.89	19	874	< 1	0.25	43	0.017	9	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81253	0.3	9.06	4	566	2	< 2	2.46	< 0.3	33	118	70	8.15	28	< 1	3.50	2.76	1	792	< 1	0.54	83	0.027	< 3	10
81254	0.3	8.39	16	409	1	< 2	3.09	< 0.3	28	92	82	7.27	25	2	3.90	2.54	2	864	< 1	1.38	65	0.034	7	< 5
81255	< 0.3	9.82	< 3	503	2	< 2	0.28	0.4	15	83	102	5.94	30	< 1	7.94	1.43	42	279	< 1	0.06	43	0.023	< 3	< 5
81256	< 0.3	9.35	< 3	606	2	< 2	0.95	0.5	13	73	84	6.25	30	< 1	7.47	1.95	46	550	< 1	0.05	40	0.073	< 3	< 5
81257	< 0.3	6.73	< 3	406	1	< 2	4.42	0.5	13	57	8	5.89	24	< 1	6.66	3.09	42	1730	< 1	0.93	34	0.019	< 3	< 5
81258	0.3	6.84	10	805	1	< 2	3.90	< 0.3	44	120	135	8.71	21	3	6.09	3.70	1	1620	< 1	0.37	96	0.036	< 3	< 5
81259	0.3	6.11	4	584	1	< 2	6.44	0.8	32	108	77	7.47	21	1	1.82	3.87	47	2180	1	0.51	68	0.027	4	< 5
81260	< 0.3	6.96	< 3	549	1	< 2	4.20	0.9	50	143	181	10.4	21	3	3.26	3.98	56	1520	< 1	0.71	94	0.034	4	< 5
81261	< 0.3	7.21	< 3	506	1	< 2	3.01	1.0	52	123	99	10.6	25	3	3.80	4.02	57	1180	< 1	0.75	96	0.039	< 3	< 5
81262	< 0.3	6.45	4	413	< 1	< 2	6.24	0.7	45	99	97	8.54	23	< 1	2.94	3.55	43	1380	< 1	0.27	91	0.026	< 3	< 5
81263	< 0.3	6.95	< 3	364	< 1	< 2	5.69	0.9	48	113	139	9.11	24	1	3.52	3.73	40	1300	< 1	0.33	93	0.034	< 3	< 5
81264	< 0.3	5.94	3	127	< 1	< 2	7.55	0.7	43	85	145	8.06	21	< 1	1.22	3.28	30	1550	< 1	1.07	77	0.030	5	< 5
81265	< 0.3	7.03	< 3	100	< 1	< 2	4.40	0.8	49	119	153	9.50	24	2	1.23	3.99	37	1300	< 1	1.32	82	0.037	< 3	< 5
81266	< 0.3	6.91	< 3	152	< 1	< 2	4.67	0.9	46	111	126	9.20	24	3	3.37	3.81	41	1320	< 1	0.82	79	0.035	< 3	< 5
81267	< 0.3	9.57	< 3	460	2	< 2	0.57	< 0.3	18	78	118	4.48	30	< 1	5.15	1.41	1	316	3	0.09	46	0.021	< 3	< 5
81268	0.3	10.4	< 3	453	2	< 2	0.12	< 0.3	15	84	74	4.51	32	< 1	6.76	1.27	40	204	< 1	0.06	43	0.019	< 3	< 5
81269	< 0.3	9.57	< 3	510	2	< 2	1.38	0.3	15	103	77	4.34	31	< 1	2.51	1.27	37	382	< 1	0.06	43	0.016	< 3	< 5
81270	< 0.3	6.99	< 3	112	< 1	< 2	4.11	1.0	47	119	120	9.11	24	2	1.70	4.00	41	1070	< 1	0.87	90	0.027	13	< 5
81271	< 0.3	6.52	11	55	< 1	< 2	6.22	1.0	47	115	153	8.50	23	< 1	0.64	3.58	33	1230	< 1	1.42	82	0.027	< 3	< 5

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5		3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81201	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5	258				
81202	0.64	< 4	49	< 2	< 0.01	< 5	< 10	27	6	6	42	10	3170				
81203	0.43	< 4	35	< 2	< 0.01	< 5	< 10	22	< 5	6	21	12	2440				
81204	1.73	< 4	47	9	< 0.01	< 5	< 10	18	< 5	5	32	12	3210				
81205	0.17	< 4	36	5	< 0.01	< 5	< 10	15	< 5	6	15	10	3490				
81206	0.03	< 4	20	3	< 0.01	< 5	< 10	20	< 5	7	13	11	2640				
81207	0.24	< 4	36	< 2	< 0.01	< 5	< 10	18	< 5	5	27	10	3330				
81208	1.22	< 4	117	5	< 0.01	< 5	< 10	40	< 5	6	52	10	3380				
81209	0.13	< 4	31	< 2	< 0.01	< 5	< 10	14	< 5	4	26	9	3220				
81210	0.06	< 4	25	3	< 0.01	< 5	< 10	12	< 5	4	18	7	3120				
81211	0.16	< 4	59	12	0.04	< 5	< 10	27	< 5	5	34	16	3120				
81212	0.17	< 4	39	2	0.07	< 5	< 10	52	< 5	6	22	24	3180				
81213	0.34	< 4	22	< 2	0.15	< 5	< 10	101	< 5	7	55	48	3760				
81214	0.17	< 4	25	5	0.11	< 5	< 10	64	< 5	6	20	30	2830				
81215	0.08	< 4	24	< 2	0.10	< 5	< 10	58	< 5	7	14	31	2960				
81216	0.08	< 4	36	< 2	0.09	< 5	< 10	59	8	7	10	27	3140				
81217	0.06	< 4	36	4	0.10	< 5	< 10	78	6	8	13	28	2740				
81218	0.11	< 4	37	2	0.10	< 5	< 10	69	< 5	6	14	28	2950				
81219	0.38	< 4	123	6	0.14	< 5	< 10	104	6	6	23	38	3350				
81220	1.62	9	43	< 2	0.24	< 5	< 10	239	< 5	4	130	62	2780				
81221	3.07	16	21	4	0.37	< 5	< 10	276	5	10	113	109	2400				
81222	2.83	13	18	2	0.32	< 5	< 10	230	5	9	131	82	2960				
81223	1.48	27	14	4	0.47	< 5	< 10	359	6	8	254	82	1450				
81224	1.59	25	13	< 2	0.43	< 5	< 10	329	5	7	254	77	1420				
81225	19.0	< 4	34	3	0.04	29	< 10	66	26	9	> 10000	24	18.0	157	1.25	9.45	1.59
81226	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	25	< 5	248				
81227	0.07	33	157	< 2	0.41	< 5	< 10	248	< 5	8	115	39	2580				
81228	0.12	34	173	2	0.44	< 5	< 10	278	< 5	9	79	46	2510				
81229	0.10	36	148	< 2	0.40	< 5	< 10	295	< 5	7	99	48	2840				
81230	0.09	36	161	4	0.51	< 5	< 10	300	< 5	7	83	35	3030				
81231	0.13	37	164	< 2	0.28	< 5	< 10	222	< 5	7	87	25	2900				
81232	0.10	37	165	< 2	0.34	< 5	< 10	237	< 5	8	86	26	2670				
81233	0.12	39	150	< 2	0.37	< 5	< 10	245	< 5	12	87	23	3210				
81234	0.10	38	170	< 2	0.34	< 5	< 10	245	< 5	11	89	26	2570				
81235	0.08	40	143	2	0.44	< 5	< 10	267	< 5	14	87	28	2600				
81236	0.10	39	145	3	0.47	< 5	< 10	269	< 5	17	87	27	2560				
81237	0.09	41	137	< 2	0.52	< 5	< 10	303	< 5	16	91	32	2640				
81238	0.08	32	157	2	0.46	< 5	< 10	242	< 5	9	75	51	2200				
81239	0.02	11	75	< 2	0.29	< 5	< 10	74	< 5	8	49	110	2830				
81240	0.21	15	40	< 2	0.23	< 5	< 10	60	< 5	9	78	95	3010				
81241	0.27	11	43	< 2	0.32	< 5	< 10	69	6	9	87	133	2440				
81242	0.76	13	25	< 2	0.36	< 5	< 10	91	< 5	8	71	104	2490				
81243	0.05	15	17	< 2	0.34	< 5	< 10	116	< 5	7	129	104	2350				
81244	0.13	14	20	< 2	0.34	< 5	< 10	112	< 5	7	95	103	2990				
81245	0.43	12	22	< 2	0.31	< 5	< 10	82	< 5	8	69	105	2860				
81246	0.80	14	22	< 2	0.37	< 5	< 10	104	< 5	9	68	107	2620				
81247	0.82	15	23	< 2	0.40	< 5	< 10	120	< 5	8	64	113	2890				
81248	0.35	16	86	4	0.33	< 5	< 10	131	7	7	59	75	1120				
81249	0.25	15	86	< 2	0.33	< 5	< 10	131	< 5	7	65	66	1320				
81250	19.7	< 4	25	6	0.05	29	< 10	66	16	7	> 10000	24	19.0	160	1.21	9.48	1.53
81251	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	24	< 5	255				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5		3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81252	0.17	19	150	5	0.29	< 5	< 10	131	< 5	9	57	80	2680				
81253	0.03	32	97	12	0.46	< 5	< 10	233	< 5	7	80	83	2600				
81254	0.06	26	125	12	0.47	< 5	< 10	209	< 5	8	68	81	2850				
81255	0.77	13	22	4	0.33	< 5	< 10	106	< 5	9	67	92	2740				
81256	0.52	13	36	< 2	0.32	< 5	< 10	120	< 5	11	58	102	2970				
81257	0.04	12	126	< 2	0.28	< 5	< 10	98	< 5	9	38	131	2590				
81258	0.13	41	83	7	0.64	< 5	< 10	341	< 5	6	70	72	2710				
81259	0.06	29	135	4	0.47	< 5	< 10	237	< 5	8	58	74	2370				
81260	0.27	43	94	< 2	0.24	< 5	< 10	208	< 5	7	71	29	2410				
81261	0.19	45	71	< 2	0.35	< 5	< 10	270	< 5	7	89	44	2460				
81262	0.09	39	142	< 2	0.28	< 5	< 10	228	< 5	8	82	45	2230				
81263	0.17	44	130	3	0.46	< 5	< 10	274	< 5	8	83	40	2940				
81264	0.22	37	165	2	0.42	< 5	< 10	250	< 5	9	71	29	2840				
81265	0.17	48	99	7	0.73	< 5	< 10	394	< 5	11	88	79	3010				
81266	0.11	44	98	5	0.68	< 5	< 10	356	< 5	10	109	55	3190				
81267	0.83	15	19	8	0.37	< 5	< 10	142	< 5	9	57	99	2760				
81268	0.90	14	12	7	0.37	< 5	< 10	116	< 5	10	61	103	2700				
81269	0.74	15	32	6	0.39	< 5	< 10	121	5	9	60	98	2690				
81270	0.05	43	72	< 2	0.18	6	< 10	238	< 5	11	114	44	1720				
81271	0.07	40	108	< 2	0.27	< 5	< 10	233	< 5	13	89	36	1720				

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	32.0	2.11	434	539	1	1380	0.87	3.3	8	9	1200	23.4	8	4	0.05	0.21	8	980	15	0.05	44	0.058	760	41
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-4 Meas	3.4	7.02	107	152	2	24	1.04	0.6	15	53	6430	3.08	24	< 1	3.12	1.68	11	178	313	0.53	43	0.131	45	< 5
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
SDC-1 Meas	< 0.3	8.70	< 3	630	3	< 2	1.00	0.4	18	60	29	5.11	31	< 1	3.17	0.97	35	932	< 1	1.48	38	0.053	19	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.30	5	525	3	< 2	1.09	0.4	19	45	32	4.68	28	< 1	4.44	0.99	34	930	1	1.56	39	0.055	19	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SCO-1 Meas	0.3	7.25	10	474	2	< 2	2.00	0.3	11	57	28	3.52	24		3.06	1.62	43	419	< 1	0.73	32	0.082	27	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	6.93	8	448	2	< 2	1.91	0.4	11	47	27	3.34	21		4.31	1.54	40	397	< 1	0.69	30	0.080	24	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
GXR-6 Meas	0.5	13.8	279	> 1000	1	< 2	0.20	0.7	15	65	69	5.48	36	2	2.90	0.62	35	1150	< 1	0.10	29	0.036	93	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.6	13.5	297	> 1000	1	< 2	0.20	0.9	14	71	69	5.46	37	3	3.64	0.61	34	1130	1	0.10	29	0.038	93	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.4	14.2	287	> 1000	1	< 2	0.20	0.7	14	61	72	5.58	38	3	4.43	0.62	35	1110	< 1	0.10	29	0.038	95	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
PTC-1a Meas																								
PTC-1a Cert																								
PTC-1a Meas																								
PTC-1a Cert																								
OREAS 14P Meas																								
OREAS 14P Cert																								
OREAS 14P Meas																								
OREAS 14P Cert																								
MP-1b Meas																								
MP-1b Cert																								
MP-1b Meas																								
MP-1b Cert																								
SAR-M (U.S.G.S.) Meas	3.3	6.05	30	654	3	< 2	0.64	4.8	12	80	305	3.27	23		4.36	0.49	30	4900	5	1.20	49	0.062	960	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.4	6.05	26	639	3	< 2	0.64	4.7	11	84	297	3.20	22		3.42	0.48	30	4830	5	1.19	52	0.061	960	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
DNC-1a Meas				83					57	168	97						4				262			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				82					56	130	99						5				262			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
OREAS 13b (4-Acid) Meas																								
OREAS 13b (4-Acid) Cert																								
OREAS 13b (4-Acid) Meas																								
OREAS 13b (4-Acid) Cert																								
CCu-1d Meas																								
CCu-1d Cert																								
CCu-1d Meas																								
CCu-1d Cert																								
CPB-2 Meas																								
CPB-2 Cert																								
CPB-2 Meas																								
CPB-2 Cert																								
CZN-4 Meas																								
CZN-4 Cert																								
CZN-4 Meas																								
CZN-4 Cert																								

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81213 Orig	< 0.3	1.42	11	24	< 1	2	1.12	1.9	9	40	11	22.0	10	3	0.86	3.31	6	13500	2	0.06	24	0.061	17	< 5
81213 Dup	< 0.3	1.40	13	23	< 1	2	1.10	2.0	9	37	10	21.8	11	3	0.81	3.28	6	13300	2	0.06	24	0.060	16	< 5
81227 Orig	< 0.3	6.44	42	134	< 1	< 2	6.76	1.2	53	91	134	8.25	21	< 1	3.05	4.26	41	1600	< 1	0.02	162	0.025	7	< 5
81227 Dup	< 0.3	6.52	37	135	< 1	< 2	6.79	1.2	53	98	130	8.30	21	< 1	3.22	4.28	41	1590	< 1	0.02	164	0.026	5	< 5
81230 Orig	0.3	6.38	31	< 7	< 1	< 2	6.08	0.4	52	120	140	8.57	20	2	0.04	4.51	1	1440	< 1	1.29	171	0.028	< 3	< 5
81230 Split	< 0.3	6.50	21	< 7	< 1	< 2	6.14	0.9	55	90	146	8.50	22	< 1	0.05	4.54	38	1430	< 1	1.20	180	0.024	6	< 5
81249 Orig	< 0.3	7.03	8	283	1	< 2	2.26	0.5	18	83	73	4.59	23	< 1	2.09	1.69	31	771	< 1	0.04	52	0.023	21	< 5
81249 Split	< 0.3	7.29	9	364	1	< 2	2.30	0.3	19	79	77	4.78	26	1	4.92	1.75	32	774	< 1	0.05	54	0.026	22	< 5
81252 Orig	< 0.3	8.99	6	671	2	< 2	3.55	< 0.3	16	69	122	5.09	28	< 1	3.84	1.90	1	873	< 1	0.26	44	0.017	9	< 5
81252 Dup	< 0.3	9.32	< 3	614	2	< 2	3.54	0.6	15	73	124	5.13	29	< 1	4.22	1.88	37	876	< 1	0.24	43	0.017	8	< 5
81260 Orig	< 0.3	6.96	< 3	549	1	< 2	4.20	0.9	50	143	181	10.4	21	3	3.26	3.98	56	1520	< 1	0.71	94	0.034	4	< 5
81260 Split	< 0.3	7.07	< 3	559	1	< 2	4.20	1.0	49	127	183	10.8	23	3	5.46	4.07	57	1560	< 1	0.73	94	0.038	< 3	< 5
81266 Orig	< 0.3	6.81	< 3	151	< 1	< 2	4.63	0.9	46	113	122	9.11	24	3	4.52	3.76	40	1300	< 1	0.81	79	0.034	< 3	< 5
81266 Dup	< 0.3	7.01	6	154	< 1	< 2	4.71	0.8	46	110	131	9.30	24	2	2.21	3.86	41	1330	< 1	0.83	79	0.035	< 3	< 5
81271 Orig	< 0.3	6.52	11	55	< 1	< 2	6.22	1.0	47	115	153	8.50	23	< 1	0.64	3.58	33	1230	< 1	1.42	82	0.027	< 3	< 5
81271 Split	< 0.3	6.52	3	58	< 1	< 2	6.21	0.9	45	100	149	8.55	23	1	0.59	3.58	33	1260	< 1	1.42	84	0.030	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		4	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	0.003	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		3	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	0.002	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	0.004	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank																								
Method Blank																								
Method Blank																								

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
GXR-1 Meas	0.25	< 4	291	13		< 5	30	96	175	26	786	25				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-4 Meas	1.76	8	215	< 2		< 5	< 10	92	39	13	76	66				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
SDC-1 Meas	0.07	18	168		0.29	< 5	< 10	63	< 5	32	106	44				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.08	16	173		0.18	< 5	< 10	47	< 5	30	107	38				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SCO-1 Meas	0.08	12	163		0.27			124	< 5	18	103	106				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	12	156		0.34			133	< 5	17	100	115				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
GXR-6 Meas	0.02	28	43	< 2		< 5	< 10	160	< 5	12	135	93				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	28	45	< 2		< 5	< 10	172	< 5	12	138	93				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	29	43	< 2		< 5	< 10	168	< 5	12	136	94				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
PTC-1a Meas													54	13.7		0.055
PTC-1a Cert													56.0	13.51		0.05
PTC-1a Meas													55	13.4		0.053
PTC-1a Cert													56.0	13.51		0.05
OREAS 14P Meas														0.964		
OREAS 14P Cert														0.997		
OREAS 14P Meas														0.975		
OREAS 14P Cert														0.997		
MP-1b Meas													48	3.00	17.1	2.07
MP-1b Cert													47.0	3.069	16.67	2.091
MP-1b Meas													49	3.06	16.5	2.15
MP-1b Cert													47.0	3.069	16.67	2.091
SAR-M (U.S.G.S.) Meas		10	148	< 2	0.27	< 5	< 10	59	12	35	883					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		10	150	6	0.27	< 5	< 10	54	11	34	899					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
DNC-1a Meas		30	130					150		14	57	37				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		30	132					149		14	59	37				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
OREAS 13b (4-Acid) Meas													< 3	0.241	0.034	
OREAS 13b (4-Acid) Cert													0.86	0.230	0	
OREAS 13b (4-Acid) Meas													< 3	0.240	0.015	
OREAS 13b (4-Acid) Cert													0.86	0.230	0	
CCu-1d Meas													122	24.5	2.63	0.256
CCu-1d Cert													120.7	23.93	2.63	0.262
CCu-1d Meas													121	24.1	2.62	0.266
CCu-1d Cert													120.7	23.93	2.63	0.262
CPB-2 Meas														0.130	6.24	16.4
CPB-2 Cert														0.1213	6.04	63.52
CPB-2 Meas														0.123		
CPB-2 Cert														0.1213		
CZN-4 Meas													50	0.402	55.9	0.185
CZN-4 Cert													51.4	0.403	55.24	0.1861
CZN-4 Meas													50	0.403	55.9	0.179
CZN-4 Cert													51.4	0.403	55.24	0.1861

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81213 Orig	0.32	< 4	22	< 2	0.15	< 5	< 10	102	< 5	7	56	49				
81213 Dup	0.37	< 4	22	< 2	0.15	< 5	< 10	100	< 5	7	54	48				
81227 Orig	0.08	33	155	< 2	0.41	< 5	< 10	249	< 5	8	125	39				
81227 Dup	0.07	33	159	< 2	0.41	< 5	< 10	247	< 5	8	104	39				
81230 Orig	0.09	36	161	4	0.51	< 5	< 10	300	< 5	7	83	35				
81230 Split	0.08	35	159	3	0.37	< 5	< 10	258	< 5	7	86	29				
81249 Orig	0.25	15	86	< 2	0.33	< 5	< 10	131	< 5	7	65	66				
81249 Split	0.23	16	90	5	0.34	< 5	< 10	137	< 5	7	64	72				
81252 Orig	0.17	19	149	6	0.24	< 5	< 10	119	< 5	9	54	74				
81252 Dup	0.17	18	151	3	0.33	< 5	< 10	143	< 5	9	59	87				
81260 Orig	0.27	43	94	< 2	0.24	< 5	< 10	208	< 5	7	71	29				
81260 Split	0.24	45	93	7	0.70	< 5	< 10	381	< 5	7	71	65				
81266 Orig	0.11	43	97	5	0.65	< 5	< 10	343	< 5	10	106	49				
81266 Dup	0.11	45	99	6	0.70	< 5	< 10	369	< 5	10	111	60				
81271 Orig	0.07	40	108	< 2	0.27	< 5	< 10	233	< 5	13	89	36				
81271 Split	0.07	40	107	4	0.43	< 5	< 10	269	< 5	14	89	39				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5				
Method Blank	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	3	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5				
Method Blank													< 3	< 0.001	0.002	< 0.003
Method Blank													< 3	< 0.001	< 0.001	< 0.003
Method Blank													< 3	< 0.001	< 0.001	< 0.003

Quality Analysis ... *Innovative Technologies*

Date Submitted: 30-Oct-12
Invoice No.: A12-11563 (i)
Invoice Date: 07-Nov-12
Your Reference: KAN BATCH #2

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

6 Pulp samples and 159 Rock samples were submitted for analysis.

The following analytical packages were requested:
Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code Weight Report Received(kg) & Pulp(g) weights

REPORT **A12-11563 (i)**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81276	< 5	255
81277	16	1780
81278	1700	3030
81279	760	3330
81280	1280	3260
81281	15	3280
81282	8	3060
81283	1680	3030
81284	2930	3130
81285	< 5	2880
81286	13	3170
81287	< 5	3180
81288	< 5	2950
81289	< 5	2530
81290	< 5	1750
81291	8	2160
81292	< 5	1920
81293	< 5	1910
81294	< 5	2820
81295	< 5	2910
81296	< 5	2850
81297	< 5	2960
81298	< 5	1490
81299	< 5	1230
81300	2040	23.0
81301	< 5	255
81302	< 5	2930
81303	< 5	3200
81304	6	3300
81305	< 5	3500
81306	< 5	1650
81307	< 5	1580
81308	< 5	3310
81309	< 5	3380
81310	< 5	3860
81311	< 5	2330
81312	< 5	3060
81313	< 5	2790
81314	< 5	2960
81315	< 5	2670
81316	< 5	3470
81317	< 5	2900
81318	< 5	2860
81319	< 5	3250
81320	< 5	2620
81321	7	2530
81322	< 5	2620
81323	< 5	1320
81324	< 5	1240
81325	2090	22.0
81326	< 5	252

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81327	< 5	2920
81328	5	2140
81329	< 5	2530
81330	< 5	3000
81331	< 5	3100
81332	< 5	3130
81333	< 5	2970
81334	< 5	3000
81335	< 5	3060
81336	< 5	2820
81337	< 5	3380
81338	< 5	2370
81339	< 5	2430
81340	< 5	2510
81341	< 5	2060
81342	< 5	2670
81343	< 5	2760
81344	< 5	3790
81345	< 5	3180
81346	< 5	2800
81347	< 5	2460
81348	< 5	1170
81349	< 5	1750
81350	2000	26.0
81351	< 5	266
81352	< 5	2610
81353	< 5	3190
81354	< 5	2970
81355	< 5	3000
81356	< 5	2830
81357	< 5	2840
81358	< 5	2620
81359	< 5	2810
81360	< 5	2690
81361	< 5	2820
81362	< 5	2560
81363	< 5	3240
81364	< 5	3080
81365	< 5	2810
81366	< 5	2610
81367	< 5	2590
81368	< 5	2620
81369	< 5	2830
81370	< 5	2690
81371	< 5	2890
81372	< 5	2970
81373	< 5	1240
81374	< 5	1340
81375	1970	29.0
81376	< 5	247
81377	< 5	2870

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81378	< 5	2750
81379	< 5	2870
81380	< 5	2860
81381	8	2660
81382	12	2810
81383	7	2880
81384	< 5	2870
81385	< 5	2740
81386	6	2850
81387	< 5	2720
81388	< 5	2840
81389	< 5	3080
81390	< 5	2700
81391	< 5	2830
81392	< 5	2900
81393	< 5	2890
81394	< 5	2940
81395	< 5	2850
81396	< 5	2690
81397	< 5	2670
81398	< 5	1280
81399	< 5	1240
81400	2010	27.0
81401	< 5	256
81402	< 5	2680
81403	< 5	2730
81404	14	2070
81405	< 5	2440
81406	< 5	3050
81407	< 5	3100
81408	< 5	2930
81409	< 5	2960
81410	< 5	2980
81411	< 5	3070
81412	< 5	3000
81413	< 5	2760
81414	< 5	2910
81415	< 5	3910
81416	< 5	1850
81417	18	3280
81418	72	2600
81419	< 5	3330
81420	< 5	3250
81421	< 5	3620
81422	< 5	3300
81423	12	1620
81424	< 5	1620
81425	1990	27.0
81426	< 5	257
81427	< 5	3290
81428	< 5	2400

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81429	9	2780
81430	44	3100
81431	21	2850
81432	< 5	2970
81433	< 5	2990
81434	< 5	3070
81435	< 5	2730
81436	< 5	3220
81437	10	3660
81438	21	2910
81439	6	2610
81440	17	2970

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA

CDN-GS-P3C Meas	270
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	250
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	261
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	261
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	235
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	245
CDN-GS-P3C Cert	263.00
CDN-GS-1L Meas	1140
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1060
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1150
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1110
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1060
CDN-GS-1L Cert	1160.00
81285 Orig	< 5
81285 Dup	< 5
81295 Orig	< 5
81295 Dup	< 5
81305 Orig	< 5
81305 Split	< 5
81305 Orig	< 5
81305 Dup	< 5
81320 Orig	< 5
81320 Dup	< 5
81324 Orig	< 5
81324 Split	< 5
81330 Orig	< 5
81330 Dup	< 5
81335 Orig	< 5
81335 Split	< 5
81340 Orig	< 5
81340 Dup	< 5
81355 Orig	< 5
81355 Dup	< 5
81365 Orig	< 5
81365 Split	< 5
81365 Orig	< 5
81365 Dup	< 5
81374 Orig	< 5
81374 Split	< 5
81374 Split	< 5
81375 Orig	1980
81375 Dup	1960
81390 Orig	< 5
81390 Dup	< 5
81395 Orig	< 5
81395 Split	< 5
81400 Orig	1930
81400 Dup	2080

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
81410 Orig	< 5
81410 Dup	< 5
81424 Orig	< 5
81424 Split	< 5
81425 Orig	2000
81425 Dup	1980
81427 Orig	< 5
81427 Split	< 5
81435 Orig	< 5
81435 Dup	< 5
81440 Orig	17
81440 Split	11
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 30-Oct-12
Invoice No.: A12-11563-ICP
Invoice Date: 19-Nov-12
Your Reference: KAN BATCH #2

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

6 Pulp samples and 159 Rock samples were submitted for analysis.

The following analytical packages were requested:

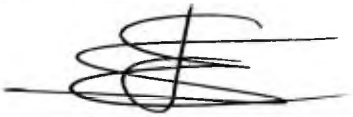
REPORT **A12-11563-ICP**

Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code 8-4 Acid Total Digestion Code 8-4 Acid Total Digestion Assays
Code Weight Report Received(kg) & Pulp(g) weights

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Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81276	< 0.3	0.06	< 3	< 7	< 1	< 2	0.02	< 0.3	< 1	15	6	0.18	< 1	< 1	< 0.01	0.05	7	58	2	0.01	1	0.002	< 3	< 5
81277	< 0.3	0.13	42	< 7	< 1	< 2	5.23	1.1	1	16	11	14.4	13	2	0.03	3.30	2	4640	< 1	< 0.01	3	0.016	9	< 5
81278	< 0.3	0.15	4	8	< 1	< 2	5.84	1.4	3	20	31	15.6	12	3	0.04	3.38	2	4370	< 1	< 0.01	11	0.010	12	< 5
81279	< 0.3	0.37	10	20	< 1	3	3.32	2.2	10	14	58	24.7	6	2	0.13	3.55	3	6590	1	0.01	20	0.009	17	< 5
81280	0.4	0.59	6	25	< 1	4	4.13	2.1	4	11	33	23.6	8	3	0.13	3.81	7	7340	< 1	< 0.01	10	0.006	19	< 5
81281	< 0.3	0.13	5	7	< 1	2	1.87	1.9	3	19	4	20.8	10	2	0.05	3.43	1	4750	< 1	< 0.01	4	0.010	13	< 5
81282	< 0.3	0.05	< 3	< 7	< 1	2	1.64	2.1	5	28	17	22.8	8	3	0.02	3.38	< 1	6470	2	< 0.01	4	0.012	15	< 5
81283	< 0.3	0.26	< 3	8	< 1	2	2.59	1.4	3	25	11	16.6	13	3	0.07	2.82	3	5470	< 1	< 0.01	6	0.007	10	< 5
81284	< 0.3	0.31	4	13	< 1	2	4.69	1.6	5	25	7	17.6	11	2	0.10	3.34	2	7950	< 1	< 0.01	6	0.024	11	< 5
81285	< 0.3	0.14	14	< 7	< 1	2	2.99	1.5	5	23	4	17.6	12	3	0.01	3.20	< 1	7670	< 1	< 0.01	6	0.016	11	< 5
81286	< 0.3	0.52	5	< 7	< 1	2	2.17	1.6	6	41	5	18.5	12	3	0.02	2.83	4	12200	1	< 0.01	12	0.032	12	< 5
81287	< 0.3	0.91	12	< 7	< 1	2	3.15	1.5	8	44	5	17.6	12	3	0.17	3.15	7	9870	2	0.04	17	0.049	11	< 5
81288	< 0.3	0.79	16	< 7	< 1	< 2	2.47	1.3	10	34	10	15.9	13	3	0.03	2.61	5	11100	1	< 0.01	17	0.042	11	< 5
81289	< 0.3	0.46	11	10	< 1	3	1.88	1.5	6	21	4	17.4	12	2	0.15	2.61	1	10600	< 1	0.02	9	0.035	11	< 5
81290	< 0.3	0.75	8	17	< 1	3	2.92	1.7	8	24	7	19.3	12	2	0.25	3.11	2	12600	< 1	0.03	14	0.038	13	< 5
81291	0.5	4.96	< 3	82	2	< 2	0.88	1.5	26	74	64	17.6	19	3	1.52	2.57	32	3800	2	0.02	63	0.045	19	< 5
81292	< 0.3	0.57	< 3	10	< 1	2	3.09	1.0	6	24	18	12.6	13	1	0.18	2.08	2	12500	< 1	0.02	14	0.039	12	< 5
81293	0.5	6.49	11	114	1	< 2	1.58	1.2	31	62	74	13.9	25	2	1.07	2.95	31	1920	3	0.39	56	0.077	4	< 5
81294	< 0.3	7.07	< 3	34	< 1	< 2	6.52	0.8	51	82	127	8.36	22	< 1	0.34	4.26	40	1440	< 1	1.47	156	0.024	< 3	< 5
81295	< 0.3	6.89	5	12	< 1	< 2	6.29	< 0.3	51	81	134	8.39	21	5	0.15	4.27	1	1370	< 1	1.75	146	0.026	< 3	< 5
81296	< 0.3	6.91	3	21	< 1	< 2	6.29	0.9	51	73	154	8.35	22	< 1	0.34	4.23	38	1450	< 1	1.65	155	0.027	< 3	< 5
81297	< 0.3	6.71	< 3	20	< 1	< 2	5.77	0.8	49	91	128	8.36	22	< 1	0.38	4.38	38	1420	< 1	1.44	167	0.026	< 3	< 5
81298	< 0.3	6.34	8	14	< 1	< 2	5.67	0.7	48	135	148	8.38	22	< 1	0.33	3.89	35	1430	< 1	1.60	116	0.031	< 3	< 5
81299	< 0.3	6.76	< 3	15	< 1	< 2	5.84	0.7	50	128	166	8.68	22	2	0.35	3.96	36	1440	< 1	1.66	123	0.028	< 3	< 5
81300	> 100	1.31	862	114	< 1	53	2.14	563	33	29	> 10000	15.9	21	21	0.44	0.82	6	418	32	0.02	64	0.040	> 5000	143
81301	< 0.3	0.07	< 3	< 7	< 1	< 2	0.15	< 0.3	< 1	43	6	0.22	< 1	< 1	< 0.01	0.09	7	55	4	0.02	3	0.002	3	< 5
81302	< 0.3	6.60	< 3	< 7	< 1	< 2	4.80	1.0	48	87	127	8.98	21	2	0.11	4.00	36	1450	< 1	1.66	124	0.029	< 3	< 5
81303	< 0.3	6.61	7	< 7	< 1	< 2	5.36	0.7	46	88	151	8.69	22	5	0.04	4.05	36	1400	< 1	1.60	129	0.027	5	< 5
81304	< 0.3	6.50	18	61	< 1	< 2	3.87	0.7	47	107	58	9.11	23	1	0.88	3.92	35	1360	< 1	1.16	120	0.030	< 3	< 5
81305	< 0.3	7.63	20	302	1	< 2	2.78	0.6	29	89	77	6.91	26	< 1	3.92	2.57	32	973	< 1	1.22	71	0.025	5	< 5
81306	< 0.3	9.67	< 3	456	2	< 2	0.37	< 0.3	13	76	89	4.36	30	< 1	3.26	1.10	31	197	< 1	0.17	43	0.019	10	< 5
81307	< 0.3	7.22	22	295	1	< 2	2.97	0.8	47	116	36	8.35	24	2	3.18	3.31	39	1010	< 1	0.09	122	0.027	< 3	< 5
81308	< 0.3	10.9	< 3	416	2	< 2	0.17	0.4	11	92	54	4.79	29	< 1	2.16	1.26	34	323	< 1	0.59	34	0.020	< 3	< 5
81309	< 0.3	9.56	< 3	474	2	< 2	0.09	0.3	13	79	78	4.37	30	< 1	3.71	1.18	37	160	1	0.06	43	0.018	6	< 5
81310	< 0.3	6.62	28	181	< 1	< 2	4.17	0.9	41	118	58	7.64	22	< 1	3.45	3.15	30	1150	< 1	1.04	89	0.025	3	< 5
81311	< 0.3	7.77	< 3	498	2	< 2	0.93	< 0.3	14	67	67	4.88	25	< 1	4.56	1.98	45	364	1	0.12	41	0.059	< 3	< 5
81312	0.3	6.36	6	429	1	< 2	4.25	0.5	17	58	67	5.31	21	< 1	4.82	2.87	32	1420	< 1	0.41	51	0.041	19	< 5
81313	< 0.3	8.49	9	604	2	< 2	2.78	0.5	24	68	51	5.05	24	< 1	2.89	2.39	35	927	< 1	1.48	56	0.018	< 3	< 5
81314	< 0.3	7.36	17	443	1	< 2	3.95	0.7	37	100	104	7.72	23	< 1	3.55	3.51	41	1300	< 1	0.45	99	0.026	< 3	< 5
81315	0.3	7.67	< 3	535	2	< 2	1.30	0.4	14	64	83	4.30	25	< 1	4.07	1.80	38	457	2	0.06	46	0.018	< 3	< 5
81316	< 0.3	6.89	< 3	391	< 1	< 2	3.96	0.7	33	109	111	7.53	24	< 1	2.96	3.66	36	1080	< 1	0.22	77	0.032	< 3	< 5
81317	< 0.3	6.82	21	160	< 1	< 2	4.70	0.7	40	97	114	7.86	23	< 1	2.29	3.56	31	1130	< 1	1.39	79	0.032	< 3	< 5
81318	< 0.3	6.28	10	19	< 1	< 2	6.28	0.9	46	118	148	8.70	21	< 1	0.39	3.61	34	1450	< 1	1.51	82	0.028	3	< 5
81319	< 0.3	6.99	< 3	145	< 1	< 2	3.71	0.6	35	100	80	7.53	25	< 1	1.75	3.83	39	987	< 1	1.03	76	0.022	< 3	< 5
81320	< 0.3	6.68	17	139	< 1	< 2	5.70	0.9	43	116	119	8.37	22	< 1	2.33	3.55	37	1310	< 1	0.73	86	0.031	3	< 5
81321	0.4	7.45	< 3	434	2	< 2	0.46	0.6	17	60	88	7.03	25	< 1	4.99	1.72	41	280	3	0.05	55	0.076	9	< 5
81322	0.6	7.49	< 3	479	2	< 2	0.39	0.6	16	55	72	5.11	24	< 1	4.87	1.55	42	239	4	0.05	65	0.017	49	< 5
81323	0.5	8.03	< 3	546	2	< 2	0.74	0.6	11	59	44	3.35	25	< 1	6.09	1.65	45	337	2	0.05	49	0.019	25	< 5
81324	0.5	8.42	< 3	450	2	< 2	0.77	0.4	10	63	37	3.18	27	1	5.78	1.71	47	352	2	0.05	43	0.020	22	< 5
81325	> 100	1.35	913	117	< 1	53	1.98	534	33	27	> 10000	16.0	20	18	0.46	0.82	7	447	33	0.02	65	0.040	> 5000	131
81326	< 0.3	0.03	< 3	< 7	< 1	< 2	0.09	< 0.3	< 1	22	14	0.15	< 1	< 1	< 0.01	0.05	7	29	3	< 0.01	< 1	0.002	4	< 5
81327	0.3	13.0	< 3	957	2	< 2	0.82	0.6	17	91	44	4.42	25	< 1	3.29	2.45	49	341	1	0.05	46	0.026	20	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81328	0.4	8.21	< 3	220	2	< 2	0.48	0.5	11	59	47	3.42	26	< 1	3.01	1.48	42	238	3	0.05	46	0.024	26	< 5
81329	0.6	8.39	< 3	316	2	< 2	1.19	0.4	18	64	57	3.71	26	< 1	3.26	1.94	43	532	2	0.05	56	0.027	8	< 5
81330	0.5	8.79	< 3	571	2	< 2	1.05	< 0.3	12	56	41	3.13	27	< 1	4.33	1.77	43	462	2	0.05	46	0.028	< 3	< 5
81331	0.5	9.03	< 3	769	2	< 2	0.52	< 0.3	10	58	41	2.74	28	< 1	4.76	1.41	41	249	2	0.05	39	0.027	< 3	< 5
81332	0.6	8.69	< 3	720	2	< 2	1.32	0.4	21	88	54	4.90	26	< 1	3.73	2.30	45	616	2	0.04	61	0.033	< 3	< 5
81333	0.5	8.38	< 3	703	2	< 2	0.80	< 0.3	13	68	49	3.52	25	< 1	4.81	1.69	43	363	2	0.04	45	0.027	< 3	< 5
81334	0.6	8.69	< 3	459	2	< 2	0.43	< 0.3	11	59	44	3.26	26	< 1	5.96	1.47	45	246	2	0.05	44	0.023	32	< 5
81335	0.6	8.33	< 3	558	2	< 2	0.30	< 0.3	13	62	43	3.66	25	< 1	6.35	1.49	43	198	< 1	0.05	46	0.022	13	< 5
81336	0.7	7.99	11	589	1	< 2	1.79	0.5	28	94	63	5.41	25	< 1	4.77	2.45	45	596	1	0.26	72	0.029	< 3	< 5
81337	< 0.3	5.26	28	212	< 1	< 2	4.91	0.9	38	123	115	7.17	23	< 1	2.15	3.24	40	1060	< 1	1.05	78	0.030	< 3	< 5
81338	0.4	8.45	< 3	690	2	< 2	1.14	< 0.3	11	71	45	3.54	26	< 1	2.91	1.87	41	427	2	0.30	45	0.027	< 3	< 5
81339	0.4	7.79	8	650	2	< 2	1.30	< 0.3	16	61	52	3.42	25	< 1	3.10	1.81	38	475	2	0.46	47	0.026	24	< 5
81340	< 0.3	7.19	33	419	1	< 2	5.67	0.8	51	106	106	8.31	21	< 1	3.52	3.99	45	1960	< 1	0.76	93	0.029	5	< 5
81341	< 0.3	8.19	< 3	647	2	< 2	0.72	0.3	11	54	26	3.44	25	< 1	4.16	1.74	42	339	< 1	0.28	43	0.020	< 3	< 5
81342	0.4	8.33	< 3	634	2	< 2	0.32	< 0.3	11	55	29	3.21	26	< 1	4.30	1.58	43	175	< 1	0.41	43	0.019	< 3	< 5
81343	< 0.3	8.11	< 3	560	2	< 2	1.61	0.4	16	75	44	4.26	26	< 1	3.66	2.24	42	603	< 1	0.43	49	0.022	5	< 5
81344	0.4	8.23	< 3	603	2	< 2	1.19	0.3	9	63	42	3.25	26	< 1	4.00	1.84	42	432	2	0.12	39	0.022	< 3	< 5
81345	< 0.3	6.71	42	223	< 1	< 2	4.74	0.8	49	103	103	8.22	23	< 1	2.77	3.64	34	1130	< 1	0.62	89	0.031	14	< 5
81346	0.5	8.68	< 3	641	2	< 2	0.89	0.3	10	59	40	2.86	24	< 1	5.25	1.66	41	367	4	0.20	42	0.027	4	< 5
81347	0.5	8.33	< 3	278	2	< 2	0.65	0.7	10	63	47	3.09	26	< 1	2.56	1.32	38	315	3	0.10	42	0.026	27	< 5
81348	0.4	8.20	< 3	300	2	< 2	0.91	0.4	15	63	52	3.45	26	< 1	2.49	1.49	38	396	3	0.21	48	0.030	9	< 5
81349	0.6	8.28	6	238	2	< 2	0.92	0.5	12	68	47	3.28	26	< 1	3.72	1.49	39	372	4	0.23	46	0.028	12	< 5
81350	> 100	1.36	857	65	< 1	70	3.06	654	32	29	> 10000	16.1	21	23	0.47	0.82	7	407	32	0.02	63	0.038	> 5000	117
81351	< 0.3	0.03	< 3	< 7	< 1	< 2	0.09	< 0.3	< 1	33	12	0.13	< 1	< 1	< 0.01	0.05	7	32	3	< 0.01	1	< 0.001	8	< 5
81352	0.6	8.23	< 3	216	2	< 2	1.49	0.7	15	64	49	3.76	25	< 1	4.96	1.82	40	513	2	0.23	50	0.030	7	< 5
81353	0.8	8.66	< 3	213	2	< 2	0.58	0.6	11	58	41	3.22	27	< 1	5.10	1.37	40	258	2	0.16	45	0.027	15	< 5
81354	0.5	8.34	< 3	145	2	< 2	0.43	0.6	13	51	42	3.33	26	< 1	5.20	1.27	38	187	3	0.19	49	0.026	12	< 5
81355	0.4	8.63	< 3	239	2	< 2	0.76	0.4	13	52	46	3.67	27	< 1	5.01	1.48	40	268	2	0.30	47	0.026	30	< 5
81356	0.5	8.28	< 3	470	2	< 2	2.15	0.4	10	54	40	3.62	27	< 1	4.01	2.08	40	673	3	0.32	43	0.028	7	< 5
81357	0.5	8.80	< 3	197	2	< 2	1.19	0.5	18	71	49	4.07	27	< 1	6.37	1.90	43	442	2	0.37	58	0.029	6	< 5
81358	0.6	7.20	< 3	377	2	< 2	1.22	0.4	13	65	46	3.58	24	< 1	2.81	1.52	37	447	4	0.31	48	0.025	9	< 5
81359	0.5	8.13	< 3	143	2	< 2	0.45	0.4	14	56	46	3.81	27	< 1	3.14	1.43	40	231	3	0.30	52	0.027	5	< 5
81360	0.5	8.28	< 3	238	2	< 2	0.27	0.6	12	55	40	3.03	25	< 1	3.58	1.18	38	193	3	0.46	46	0.027	22	< 5
81361	0.5	8.74	< 3	292	2	< 2	0.23	0.6	13	55	42	3.08	27	< 1	5.06	1.18	38	144	2	0.57	44	0.027	4	< 5
81362	0.4	8.13	< 3	199	2	< 2	1.05	0.7	9	57	43	3.02	25	< 1	5.91	1.34	38	367	4	0.42	42	0.024	9	< 5
81363	0.4	8.80	< 3	164	2	< 2	0.26	0.6	11	54	42	2.95	27	< 1	5.45	1.18	43	129	4	0.33	49	0.026	16	< 5
81364	0.4	8.46	< 3	160	2	< 2	0.25	0.6	11	61	41	2.98	23	< 1	6.07	1.20	43	110	3	0.40	46	0.027	15	< 5
81365	0.4	8.31	< 3	192	2	< 2	1.11	0.7	10	54	56	3.20	26	< 1	5.82	1.54	40	327	3	0.63	41	0.027	17	< 5
81366	0.5	8.37	< 3	267	2	< 2	0.40	0.6	10	56	35	2.93	26	< 1	5.18	1.26	40	169	3	0.52	42	0.027	16	< 5
81367	0.4	8.07	< 3	238	2	< 2	1.20	0.6	10	50	31	3.07	26	< 1	6.08	1.49	39	370	3	0.54	40	0.033	19	< 5
81368	< 0.3	10.2	23	476	2	< 2	0.72	0.5	12	79	40	4.75	27	< 1	1.99	1.59	42	302	1	0.64	37	0.022	14	< 5
81369	< 0.3	7.90	9	273	3	< 2	0.27	0.4	11	89	42	5.74	28	< 1	1.86	1.44	46	203	< 1	0.74	36	0.030	15	< 5
81370	< 0.3	7.81	< 3	214	2	< 2	0.38	0.5	9	74	41	6.52	27	< 1	3.04	1.58	42	453	1	1.12	36	0.058	4	< 5
81371	< 0.3	7.63	< 3	345	2	< 2	0.74	0.6	11	81	34	7.87	26	3	3.94	2.13	48	1030	1	0.63	33	0.182	8	< 5
81372	0.4	7.48	11	95	2	< 2	0.86	0.5	21	72	67	6.45	26	< 1	4.26	1.94	51	562	2	0.48	49	0.141	20	< 5
81373	< 0.3	8.36	< 3	346	2	< 2	0.60	0.4	13	75	47	4.77	28	< 1	4.13	1.42	46	330	2	0.82	45	0.021	5	< 5
81374	0.3	8.29	< 3	418	2	< 2	0.52	0.4	13	73	38	4.64	27	< 1	4.73	1.45	46	302	1	0.79	44	0.021	8	< 5
81375	> 100	1.33	926	102	< 1	52	2.13	548	33	26	> 10000	15.9	20	16	0.45	0.81	6	425	32	0.02	65	0.038	> 5000	92
81376	0.6	0.04	6	< 7	< 1	< 2	0.35	2.6	< 1	32	109	0.23	< 1	< 1	0.01	0.17	7	29	3	< 0.01	2	0.002	71	< 5
81377	< 0.3	8.32	< 3	397	2	< 2	0.26	0.4	11	81	33	4.99	27	< 1	4.72	1.59	49	256	< 1	0.75	33	0.022	17	< 5
81378	< 0.3	15.8	< 3	449	2	< 2	0.66	0.5	8	93	30	5.62	28	3	2.56	2.10	49	473	< 1	0.71	29	0.032	< 3	< 5
81379	< 0.3	11.7	< 3	750	3	< 2	0.05	0.4	15	91	49	6.17	33	2	3.42	1.43	49	147	< 1	0.64	49	0.016	< 3	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81380	0.4	8.08	6	232	2	< 2	0.61	0.4	12	72	54	5.88	26	< 1	5.35	1.71	49	223	2	0.43	38	0.196	9	< 5
81381	0.3	8.56	< 3	316	2	< 2	0.54	0.5	13	67	70	6.25	28	< 1	5.23	1.64	50	217	1	0.44	42	0.173	11	< 5
81382	0.5	7.44	< 3	392	2	< 2	0.42	0.5	16	76	92	7.60	24	< 1	4.88	1.71	56	215	4	0.04	58	0.105	49	< 5
81383	0.5	7.89	< 3	130	2	< 2	0.62	0.5	12	85	67	6.37	27	< 1	4.90	1.78	58	292	1	0.06	43	0.105	9	< 5
81384	< 0.3	8.42	6	400	2	< 2	0.29	0.5	10	85	53	6.22	27	< 1	4.50	1.66	53	283	< 1	0.20	32	0.028	< 3	< 5
81385	< 0.3	9.03	< 3	408	2	< 2	0.40	0.4	9	74	36	5.81	29	< 1	4.64	1.56	48	402	< 1	0.17	34	0.028	8	< 5
81386	< 0.3	9.04	< 3	380	2	< 2	0.23	6.2	17	86	89	6.55	29	< 1	5.44	1.56	48	315	< 1	0.06	49	0.041	15	< 5
81387	< 0.3	9.65	< 3	415	2	< 2	0.29	0.4	11	89	41	5.54	30	1	5.11	1.50	47	254	< 1	0.07	38	0.017	7	< 5
81388	< 0.3	9.06	15	343	2	< 2	0.34	0.5	17	79	44	5.60	28	< 1	3.87	1.54	43	306	1	0.10	41	0.027	5	< 5
81389	0.5	9.93	< 3	396	2	< 2	0.07	0.4	11	82	37	5.00	30	< 1	5.45	1.36	45	173	< 1	0.15	41	0.017	< 3	< 5
81390	< 0.3	9.88	< 3	402	2	< 2	0.16	0.3	12	96	27	5.03	31	< 1	5.43	1.34	45	184	< 1	0.09	41	0.017	9	< 5
81391	< 0.3	9.88	< 3	395	2	< 2	0.10	0.3	16	89	63	4.98	31	< 1	6.25	1.32	46	148	< 1	0.09	40	0.018	< 3	< 5
81392	< 0.3	10.0	5	404	2	< 2	0.15	0.3	12	100	23	5.17	32	1	2.27	1.54	50	285	< 1	0.09	42	0.019	< 3	< 5
81393	< 0.3	10.6	26	422	2	< 2	0.39	0.3	22	102	19	5.11	30	< 1	4.56	1.73	52	370	< 1	0.09	60	0.021	< 3	< 5
81394	< 0.3	10.6	< 3	458	3	< 2	0.11	0.4	14	95	48	4.65	33	1	5.62	1.37	42	346	1	0.10	46	0.019	< 3	< 5
81395	0.7	8.39	8	43	2	< 2	0.74	2.9	9	71	95	8.35	26	< 1	5.79	1.23	38	346	12	0.08	96	0.023	74	< 5
81396	0.3	8.22	3	203	2	< 2	1.03	2.4	15	72	60	5.03	26	< 1	5.69	1.48	44	355	2	0.07	49	0.018	7	< 5
81397	< 0.3	7.29	24	196	2	< 2	1.56	1.1	25	131	52	6.61	26	2	3.06	1.71	34	790	2	0.07	56	0.022	< 3	< 5
81398	0.4	8.11	8	339	2	< 2	0.42	0.4	16	80	33	5.95	28	< 1	3.55	1.20	32	922	< 1	0.06	41	0.014	< 3	< 5
81399	< 0.3	8.48	5	365	2	< 2	0.38	0.6	15	80	37	6.05	28	< 1	4.39	1.19	32	989	1	0.06	43	0.015	< 3	< 5
81400	> 100	1.34	953	118	< 1	47	1.84	514	34	31	> 10000	16.0	21	19	0.46	0.82	6	414	34	0.02	64	0.039	> 5000	152
81401	< 0.3	0.03	5	< 7	< 1	< 2	0.11	< 0.3	< 1	22	5	0.13	< 1	< 1	< 0.01	0.05	6	26	3	< 0.01	1	< 0.001	4	< 5
81402	0.3	8.63	< 3	396	2	< 2	0.26	0.6	15	86	42	6.82	27	< 1	5.29	1.19	32	1560	< 1	0.06	42	0.014	< 3	< 5
81403	0.3	8.14	< 3	195	2	< 2	0.45	0.9	20	84	98	8.93	26	< 1	4.96	1.38	44	673	< 1	0.04	42	0.020	7	< 5
81404	0.4	8.18	< 3	243	2	< 2	0.81	3.3	18	72	88	7.45	26	< 1	5.49	1.27	50	483	2	0.04	57	0.015	10	< 5
81405	< 0.3	7.20	17	289	1	< 2	2.67	1.9	24	89	63	7.64	26	3	4.24	2.07	39	858	1	0.04	58	0.021	< 3	< 5
81406	0.3	6.25	10	192	< 1	< 2	6.03	1.5	39	107	126	8.34	22	< 1	4.04	3.50	36	1540	< 1	0.03	88	0.024	3	< 5
81407	0.3	11.0	32	88	< 1	< 2	3.20	0.8	44	155	118	8.29	21	2	2.31	5.91	61	752	< 1	0.18	104	0.027	< 3	< 5
81408	< 0.3	6.21	10	47	< 1	< 2	5.05	0.8	43	135	139	8.14	20	< 1	2.11	4.92	44	1080	< 1	1.01	124	0.023	5	< 5
81409	< 0.3	5.97	5	144	< 1	< 2	5.83	1.2	33	117	42	8.55	22	< 1	3.01	4.10	39	1620	< 1	0.33	92	0.023	24	< 5
81410	0.3	7.29	< 3	296	2	< 2	1.50	0.8	23	86	84	7.05	25	< 1	5.56	1.56	42	510	7	0.03	52	0.020	5	< 5
81411	0.3	9.22	5	535	2	< 2	0.34	0.5	20	83	41	4.29	29	< 1	3.91	1.12	49	311	2	0.04	52	0.016	< 3	< 5
81412	< 0.3	9.39	< 3	493	2	< 2	0.26	0.6	18	89	47	6.53	29	< 1	4.90	1.29	50	1130	1	0.04	49	0.016	< 3	< 5
81413	< 0.3	7.74	15	461	1	< 2	2.26	0.8	33	115	113	8.47	25	2	3.87	2.46	46	906	3	0.03	74	0.024	< 3	< 5
81414	< 0.3	6.54	32	184	< 1	< 2	4.16	1.0	43	92	142	8.15	22	< 1	2.19	4.28	48	1160	< 1	0.50	95	0.026	< 3	< 5
81415	0.5	8.26	5	305	2	< 2	0.25	1.3	17	55	59	5.96	27	< 1	4.78	1.21	34	262	4	0.08	53	0.015	5	< 5
81416	< 0.3	6.80	29	213	< 1	< 2	4.36	1.2	29	116	117	7.57	24	< 1	3.55	2.91	38	1210	2	0.46	70	0.029	6	< 5
81417	0.8	10.4	6	384	2	< 2	1.49	3.3	26	84	131	14.2	23	5	3.31	1.30	32	455	13	0.71	88	0.024	44	11
81418	< 0.3	2.39	4	34	< 1	3	1.49	1.6	6	25	15	17.6	17	2	1.18	3.28	19	6940	< 1	0.03	11	0.065	12	< 5
81419	< 0.3	0.21	16	< 7	< 1	2	1.60	2.1	7	14	4	22.8	7	3	0.02	3.52	< 1	10300	1	< 0.01	7	0.045	12	< 5
81420	< 0.3	0.23	3	< 7	< 1	2	1.90	1.9	4	17	6	20.2	10	2	0.04	3.14	< 1	7420	< 1	0.01	5	0.013	15	< 5
81421	< 0.3	0.06	< 3	< 7	< 1	3	2.50	2.2	3	11	4	24.1	7	4	< 0.01	3.64	< 1	6570	< 1	< 0.01	3	0.013	16	< 5
81422	< 0.3	0.06	< 3	< 7	< 1	4	1.40	2.5	3	11	3	25.8	5	4	0.02	3.91	< 1	5530	< 1	< 0.01	2	0.010	18	< 5
81423	< 0.3	0.06	< 3	< 7	< 1	4	1.36	2.1	3	20	4	23.0	7	2	< 0.01	3.20	< 1	7250	< 1	< 0.01	3	0.022	15	< 5
81424	< 0.3	0.08	14	< 7	< 1	3	1.32	1.9	4	16	3	21.9	8	3	< 0.01	3.07	< 1	6980	< 1	< 0.01	4	0.020	15	< 5
81425	> 100	1.28	932	67	< 1	56	2.19	538	31	29	> 10000	15.9	21	20	0.45	0.81	6	437	32	0.02	63	0.037	> 5000	89
81426	< 0.3	0.02	< 3	< 7	< 1	< 2	0.02	< 0.3	< 1	28	6	0.17	< 1	< 1	< 0.01	0.02	6	44	3	< 0.01	3	< 0.001	5	< 5
81427	< 0.3	7.15	11	344	3	< 2	1.08	0.6	20	83	107	9.21	25	3	3.97	1.87	57	814	3	0.07	53	0.024	< 3	< 5
81428	< 0.3	6.33	44	160	< 1	< 2	5.63	1.0	44	131	120	8.38	22	2	2.30	3.88	55	1410	< 1	0.54	105	0.029	< 3	< 5
81429	0.6	5.63	11	58	1	< 2	0.89	3.3	14	73	266	16.4	20	2	3.42	1.02	29	526	7	0.07	152	0.020	28	< 5
81430	0.9	6.02	123	148	1	< 2	1.00	5.2	37	73	94	14.6	21	3	3.75	0.84	26	361	22	0.12	124	0.030	64	10
81431	0.6	9.17	25	85	1	< 2	1.71	2.0	29	73	78	8.31	28	2	4.94	1.23	30	516	8	1.48	95	0.023	19	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81432	0.7	8.48	24	34	1	< 2	0.53	1.6	30	75	138	9.74	27	2	4.92	0.72	30	184	11	1.06	122	0.027	14	< 5
81433	0.5	9.43	7	47	1	< 2	1.39	1.8	17	76	160	9.01	29	3	5.24	1.12	32	441	8	1.40	101	0.021	9	< 5
81434	0.5	8.59	4	48	1	< 2	0.58	3.1	31	70	132	10.6	28	< 1	4.79	0.73	29	242	9	1.51	107	0.021	13	< 5
81435	0.6	10.0	4	33	2	< 2	0.12	2.6	11	85	107	9.28	31	< 1	6.04	0.58	33	68	9	1.69	91	0.021	7	< 5
81436	0.7	11.1	< 3	334	2	< 2	0.73	2.8	13	87	147	13.6	24	5	3.96	0.88	33	416	10	0.60	92	0.021	19	< 5
81437	1.1	4.17	15	49	2	2	0.87	4.0	49	82	237	21.6	12	4	2.43	1.14	32	1060	10	0.05	142	0.023	47	< 5
81438	1.0	2.99	4	47	2	< 2	0.92	1.9	21	67	228	20.2	13	5	1.21	1.64	32	1570	10	0.03	127	0.037	51	< 5
81439	< 0.3	0.28	213	< 7	< 1	< 2	7.57	1.2	21	30	122	15.2	12	2	0.07	3.58	4	5500	2	< 0.01	67	0.027	17	< 5
81440	< 0.3	0.14	83	< 7	< 1	< 2	4.79	1.6	6	18	53	18.1	11	3	0.03	3.95	2	6260	< 1	< 0.01	28	0.019	12	< 5

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81276	< 0.01	< 4	1	4	< 0.01	< 5	< 10	3	< 5	< 1	7	< 5				
81277	0.11	< 4	69	6	< 0.01	< 5	< 10	15	< 5	5	19	7				
81278	1.21	< 4	96	< 2	< 0.01	< 5	< 10	15	< 5	5	22	8				
81279	3.82	< 4	84	4	< 0.01	< 5	< 10	24	< 5	6	50	13				
81280	1.89	< 4	129	< 2	< 0.01	< 5	< 10	28	< 5	7	53	10				
81281	0.09	< 4	35	11	< 0.01	< 5	< 10	20	< 5	6	22	9				
81282	0.32	< 4	33	< 2	< 0.01	< 5	< 10	11	< 5	4	28	10				
81283	0.52	< 4	73	< 2	< 0.01	< 5	< 10	19	< 5	6	33	9				
81284	0.28	< 4	95	< 2	0.03	< 5	< 10	24	< 5	7	27	14				
81285	0.13	< 4	30	< 2	0.01	< 5	< 10	18	< 5	4	8	9				
81286	0.14	< 4	21	5	0.05	< 5	< 10	38	< 5	5	9	18				
81287	0.16	< 4	34	< 2	0.11	< 5	< 10	64	< 5	6	26	36				
81288	0.13	< 4	27	< 2	0.09	< 5	< 10	59	< 5	5	17	27				
81289	0.06	< 4	34	10	0.06	< 5	< 10	43	< 5	5	9	20				
81290	0.22	< 4	65	< 2	0.09	< 5	< 10	64	< 5	6	17	28				
81291	3.32	9	34	< 2	0.27	< 5	< 10	205	< 5	9	119	71				
81292	0.48	< 4	81	5	0.06	< 5	< 10	43	< 5	5	22	19				
81293	2.05	19	41	3	0.49	< 5	< 10	196	< 5	16	138	151				
81294	0.08	34	135	< 2	0.32	< 5	< 10	224	< 5	14	91	32				
81295	0.09	37	126	6	0.34	< 5	< 10	205	< 5	17	85	22				
81296	0.11	35	123	< 2	0.33	< 5	< 10	194	< 5	17	85	21				
81297	0.10	35	111	2	0.40	< 5	< 10	243	< 5	16	85	25				
81298	0.13	37	126	4	0.60	< 5	< 10	315	< 5	14	85	34				
81299	0.12	37	130	< 2	0.20	< 5	< 10	196	< 5	16	93	22				
81300	19.1	< 4	32	4	0.04	33	< 10	66	26	8	> 10000	24	156	1.26	9.19	1.57
81301	0.01	< 4	2	< 2	< 0.01	< 5	< 10	4	< 5	< 1	28	< 5				
81302	0.10	39	122	< 2	0.31	< 5	< 10	212	< 5	8	95	27				
81303	0.09	39	156	< 2	0.28	< 5	< 10	189	< 5	7	92	23				
81304	0.05	40	118	< 2	0.28	< 5	< 10	226	< 5	6	140	35				
81305	0.11	27	116	< 2	0.23	< 5	< 10	146	< 5	6	138	47				
81306	0.66	12	30	4	0.34	< 5	< 10	94	< 5	8	58	101				
81307	0.04	35	112	< 2	0.33	< 5	< 10	213	< 5	5	103	48				
81308	0.33	14	28	< 2	0.31	< 5	< 10	80	< 5	10	82	108				
81309	0.76	12	16	< 2	0.34	< 5	< 10	112	< 5	7	80	99				
81310	0.06	32	161	< 2	0.20	< 5	< 10	150	< 5	5	95	34				
81311	0.34	11	44	< 2	0.30	< 5	< 10	120	< 5	10	73	155				
81312	0.16	14	133	< 2	0.32	< 5	< 10	123	< 5	8	43	157				
81313	0.12	22	95	< 2	0.17	< 5	< 10	106	< 5	5	46	44				
81314	0.14	31	118	< 2	0.29	< 5	< 10	172	< 5	6	71	54				
81315	0.70	10	48	6	0.28	< 5	< 10	85	< 5	9	43	154				
81316	0.37	32	124	< 2	0.25	< 5	< 10	164	< 5	6	64	50				
81317	0.14	36	130	3	0.55	< 5	< 10	298	< 5	7	81	71				
81318	0.14	39	170	< 2	0.22	< 5	< 10	181	< 5	7	85	18				
81319	0.04	32	106	< 2	0.19	< 5	< 10	175	< 5	6	73	47				
81320	0.27	36	155	2	0.20	< 5	< 10	168	< 5	8	87	26				
81321	2.62	12	24	< 2	0.27	< 5	< 10	142	< 5	13	92	111				
81322	2.05	10	21	< 2	0.28	< 5	< 10	110	< 5	11	74	168				
81323	1.21	11	30	2	0.31	< 5	< 10	100	< 5	11	66	198				
81324	1.03	11	31	< 2	0.33	< 5	< 10	104	< 5	12	58	210				
81325	19.1	< 4	31	< 2	0.05	30	< 10	66	28	8	> 10000	26	158	1.25	9.39	1.58
81326	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	28	< 5				
81327	1.45	24	36	< 2	0.37	< 5	< 10	126	< 5	19	77	191				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81328	1.14	10	25	< 2	0.30	< 5	< 10	123	< 5	10	68	204				
81329	0.95	16	42	2	0.38	< 5	< 10	173	< 5	9	79	180				
81330	0.65	13	40	< 2	0.37	< 5	< 10	158	< 5	10	69	203				
81331	0.55	11	27	< 2	0.35	< 5	< 10	142	< 5	10	51	199				
81332	0.53	19	47	< 2	0.46	< 5	< 10	200	< 5	10	72	181				
81333	0.61	12	37	< 2	0.34	< 5	< 10	126	< 5	10	63	201				
81334	0.90	10	26	< 2	0.31	< 5	< 10	112	< 5	11	58	208				
81335	0.98	10	23	4	0.30	< 5	< 10	89	< 5	10	63	197				
81336	0.44	23	77	< 2	0.45	< 5	< 10	215	< 5	9	80	158				
81337	0.14	29	203	2	0.55	< 5	< 10	295	< 5	5	67	69				
81338	0.35	11	57	< 2	0.34	< 5	< 10	130	< 5	8	54	197				
81339	0.34	11	63	< 2	0.33	< 5	< 10	123	< 5	8	51	182				
81340	0.20	36	166	< 2	0.27	< 5	< 10	174	< 5	10	79	45				
81341	0.20	10	42	< 2	0.29	< 5	< 10	81	< 5	8	50	154				
81342	0.27	11	30	< 2	0.25	< 5	< 10	64	< 5	9	50	136				
81343	0.38	16	81	< 2	0.35	< 5	< 10	131	< 5	8	59	151				
81344	0.40	10	64	< 2	0.30	< 5	< 10	109	< 5	8	47	181				
81345	0.25	38	228	< 2	0.41	< 5	< 10	248	< 5	5	95	50				
81346	0.56	10	62	< 2	0.33	< 5	< 10	145	< 5	10	71	204				
81347	1.05	10	47	2	0.32	< 5	< 10	124	< 5	9	77	198				
81348	0.95	13	60	3	0.36	< 5	< 10	154	< 5	9	68	197				
81349	0.99	13	60	3	0.38	< 5	< 10	154	< 5	10	75	199				
81350	19.8	< 4	32	< 2	0.05	26	< 10	66	29	10	> 10000	26	162	1.26	9.39	1.57
81351	0.01	< 4	< 1	7	< 0.01	< 5	< 10	< 2	< 5	< 1	53	< 5				
81352	1.04	14	87	< 2	0.38	< 5	< 10	158	< 5	10	94	207				
81353	0.92	11	47	3	0.34	< 5	< 10	134	< 5	10	91	203				
81354	1.04	10	38	< 2	0.33	< 5	< 10	127	< 5	9	89	212				
81355	1.05	10	57	< 2	0.34	< 5	< 10	134	< 5	9	89	206				
81356	0.67	10	131	< 2	0.32	< 5	< 10	125	< 5	10	88	217				
81357	1.07	16	79	< 2	0.37	< 5	< 10	164	< 5	9	103	201				
81358	1.06	9	84	< 2	0.31	< 5	< 10	128	< 5	9	109	196				
81359	1.14	10	39	< 2	0.34	< 5	< 10	130	< 5	9	109	203				
81360	0.89	10	35	< 2	0.34	< 5	< 10	127	< 5	10	110	213				
81361	0.93	11	37	< 2	0.34	< 5	< 10	117	< 5	10	108	210				
81362	0.93	10	97	< 2	0.32	< 5	< 10	127	< 5	9	83	191				
81363	1.06	11	39	< 2	0.34	< 5	< 10	144	< 5	10	88	205				
81364	1.03	10	37	< 2	0.34	< 5	< 10	129	< 5	9	93	235				
81365	1.04	10	105	< 2	0.32	< 5	< 10	122	< 5	9	96	211				
81366	0.93	10	55	< 2	0.34	< 5	< 10	114	< 5	10	98	225				
81367	0.94	9	128	< 2	0.32	< 5	< 10	114	< 5	10	84	222				
81368	0.91	13	92	< 2	0.30	< 5	< 10	106	< 5	11	90	135				
81369	1.09	11	45	< 2	0.29	< 5	< 10	86	< 5	7	91	80				
81370	1.13	11	75	< 2	0.27	< 5	< 10	98	< 5	8	104	78				
81371	1.04	11	103	< 2	0.27	< 5	< 10	100	< 5	12	103	104				
81372	1.74	12	101	< 2	0.30	< 5	< 10	137	< 5	13	97	126				
81373	0.97	11	67	< 2	0.32	< 5	< 10	119	< 5	9	78	121				
81374	0.88	11	70	< 2	0.32	< 5	< 10	119	< 5	8	79	122				
81375	19.1	< 4	34	< 2	0.04	31	< 10	66	30	8	> 10000	25	165	1.29	9.48	1.62
81376	0.10	< 4	2	< 2	< 0.01	< 5	< 10	< 2	5	< 1	594	< 5				
81377	0.61	11	40	< 2	0.29	< 5	< 10	89	< 5	8	87	127				
81378	0.72	19	84	< 2	0.29	< 5	< 10	82	< 5	17	95	124				
81379	1.48	15	34	< 2	0.35	< 5	< 10	113	5	9	104	93				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81380	1.23	11	69	< 2	0.28	< 5	< 10	98	< 5	13	98	115				
81381	1.51	12	68	7	0.30	< 5	< 10	107	< 5	12	101	99				
81382	2.48	12	48	< 2	0.26	< 5	< 10	177	< 5	10	89	93				
81383	1.56	13	59	< 2	0.29	< 5	< 10	153	< 5	12	87	87				
81384	0.41	12	31	< 2	0.29	< 5	< 10	95	< 5	7	97	82				
81385	0.28	11	36	< 2	0.30	< 5	< 10	74	< 5	8	81	87				
81386	0.78	11	28	< 2	0.30	< 5	< 10	81	6	8	353	82				
81387	0.32	12	30	< 2	0.33	< 5	< 10	91	< 5	8	75	84				
81388	0.19	14	33	< 2	0.27	< 5	< 10	96	< 5	8	63	72				
81389	0.52	13	25	3	0.34	< 5	< 10	101	< 5	8	91	99				
81390	0.44	14	26	< 2	0.35	< 5	< 10	111	< 5	8	79	95				
81391	0.69	13	26	< 2	0.35	< 5	< 10	118	< 5	8	69	95				
81392	0.40	14	24	3	0.36	< 5	< 10	124	< 5	8	60	98				
81393	0.13	20	29	5	0.37	< 5	< 10	139	< 5	8	59	93				
81394	0.45	14	22	< 2	0.36	< 5	< 10	119	< 5	8	78	107				
81395	3.69	13	42	< 2	0.25	< 5	< 10	226	9	8	502	95				
81396	2.41	16	50	< 2	0.30	< 5	< 10	269	6	6	281	74				
81397	1.75	21	68	< 2	0.34	< 5	< 10	230	6	6	143	72				
81398	0.56	11	27	< 2	0.29	< 5	< 10	108	< 5	6	132	105				
81399	0.55	11	25	< 2	0.30	< 5	< 10	112	< 5	6	135	107				
81400	19.1	< 4	32	< 2	0.04	30	< 10	66	28	8	> 10000	25	165	1.27	9.51	1.60
81401	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	31	< 5				
81402	0.60	12	22	2	0.31	< 5	< 10	107	< 5	7	132	122				
81403	1.76	12	27	< 2	0.27	< 5	< 10	137	5	6	257	86				
81404	1.97	12	37	< 2	0.26	< 5	< 10	230	5	6	240	74				
81405	0.92	20	90	3	0.36	< 5	< 10	246	5	6	185	68				
81406	0.10	37	159	< 2	0.37	< 5	< 10	264	< 5	5	148	48				
81407	0.10	63	108	< 2	0.47	< 5	< 10	290	< 5	7	82	68				
81408	0.11	35	181	< 2	0.23	< 5	< 10	226	< 5	4	74	33				
81409	0.10	30	281	< 2	0.29	< 5	< 10	222	< 5	5	105	52				
81410	1.18	14	94	< 2	0.31	< 5	< 10	205	< 5	9	114	73				
81411	0.44	16	35	< 2	0.37	< 5	< 10	152	6	8	116	89				
81412	0.62	14	33	< 2	0.34	< 5	< 10	141	< 5	7	151	116				
81413	0.52	28	118	< 2	0.48	< 5	< 10	309	< 5	7	163	71				
81414	0.13	34	225	< 2	0.42	< 5	< 10	282	< 5	4	103	47				
81415	1.21	12	35	< 2	0.28	< 5	< 10	300	< 5	7	223	79				
81416	0.91	29	171	< 2	0.40	< 5	< 10	251	< 5	6	139	76				
81417	5.16	21	70	9	0.40	< 5	10	199	10	18	738	158				
81418	0.59	6	31	< 2	0.03	< 5	< 10	89	< 5	5	98	13				
81419	0.04	< 4	25	< 2	0.02	< 5	< 10	15	< 5	7	7	12				
81420	0.09	< 4	46	< 2	0.03	< 5	< 10	17	< 5	5	23	12				
81421	0.10	< 4	61	2	< 0.01	< 5	< 10	12	< 5	6	12	9				
81422	0.04	< 4	33	4	< 0.01	< 5	< 10	13	6	4	13	9				
81423	0.04	< 4	23	6	< 0.01	< 5	< 10	11	5	4	8	8				
81424	0.07	< 4	22	6	< 0.01	< 5	< 10	11	< 5	4	9	8				
81425	18.9	< 4	29	< 2	0.04	26	< 10	64	24	9	> 10000	24	165	1.30	9.48	1.62
81426	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	37	< 5				
81427	1.54	14	33	2	0.28	< 5	< 10	217	< 5	7	119	76				
81428	0.69	38	143	< 2	0.46	< 5	< 10	315	< 5	5	110	54				
81429	6.87	10	46	< 2	0.19	< 5	< 10	189	7	6	637	76				
81430	12.5	12	43	2	0.26	< 5	20	288	19	12	1210	95				
81431	5.09	21	72	3	0.50	< 5	< 10	181	6	15	437	194				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81432	5.21	19	36	7	0.48	< 5	< 10	176	6	12	309	180				
81433	4.15	23	63	2	0.51	< 5	10	185	6	10	389	162				
81434	5.03	18	41	7	0.52	< 5	10	205	9	9	722	145				
81435	4.63	18	31	< 2	0.57	< 5	10	212	8	9	581	160				
81436	4.48	25	51	< 2	0.50	< 5	< 10	190	8	14	596	142				
81437	7.47	9	40	10	0.23	< 5	< 10	126	9	6	925	75				
81438	5.38	8	38	7	0.20	< 5	< 10	125	< 5	7	273	70				
81439	3.76	< 4	192	< 2	< 0.01	< 5	< 10	21	< 5	8	31	12				
81440	1.33	< 4	77	7	< 0.01	< 5	< 10	16	< 5	5	37	9				

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	32.0	2.11	434	539	1	1380	0.87	3.3	8	9	1200	23.4	8	4	0.05	0.21	8	980	15	0.05	44	0.058	760	41
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-4 Meas	3.4	7.02	107	152	2	24	1.04	0.6	15	53	6430	3.08	24	< 1	3.12	1.68	11	178	313	0.53	43	0.131	45	< 5
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
SDC-1 Meas	< 0.3	8.70	< 3	630	3	< 2	1.00	0.4	18	60	29	5.11	31	< 1	3.17	0.97	35	932	< 1	1.48	38	0.053	19	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.30	5	525	3	< 2	1.09	0.4	19	45	32	4.68	28	< 1	4.44	0.99	34	930	1	1.56	39	0.055	19	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SCO-1 Meas	0.3	7.25	10	474	2	< 2	2.00	0.3	11	57	28	3.52	24		3.06	1.62	43	419	< 1	0.73	32	0.082	27	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	6.93	8	448	2	< 2	1.91	0.4	11	47	27	3.34	21		4.31	1.54	40	397	< 1	0.69	30	0.080	24	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
GXR-6 Meas	0.5	13.8	279	> 1000	1	< 2	0.20	0.7	15	65	69	5.48	36	2	2.90	0.62	35	1150	< 1	0.10	29	0.036	93	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.6	13.5	297	> 1000	1	< 2	0.20	0.9	14	71	69	5.46	37	3	3.64	0.61	34	1130	1	0.10	29	0.038	93	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.4	14.2	287	> 1000	1	< 2	0.20	0.7	14	61	72	5.58	38	3	4.43	0.62	35	1110	< 1	0.10	29	0.038	95	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
PTC-1a Meas																								
PTC-1a Cert																								
OREAS 14P Meas																								
OREAS 14P Cert																								
MP-1b Meas																								
MP-1b Cert																								
SAR-M (U.S.G.S.) Meas	3.3	6.05	30	654	3	< 2	0.64	4.8	12	80	305	3.27	23		4.36	0.49	30	4900	5	1.20	49	0.062	960	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.4	6.05	26	639	3	< 2	0.64	4.7	11	84	297	3.20	22		3.42	0.48	30	4830	5	1.19	52	0.061	960	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
DNC-1a Meas				83					57	168	97						4				262			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				82					56	130	99						5				262			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
OREAS 13b (4-Acid) Meas																								
OREAS 13b (4-Acid) Cert																								
CCu-1d Meas																								
CCu-1d Cert																								
CPB-2 Meas																								
CPB-2 Cert																								
CZN-4 Meas																								
CZN-4 Cert																								
81291 Orig	0.5	5.03	< 3	84	2	< 2	0.89	1.6	26	78	64	18.0	18	3	1.18	2.61	33	3970	2	0.02	63	0.045	19	< 5
81291 Dup	0.5	4.89	< 3	80	2	< 2	0.86	1.4	26	70	63	17.2	20	4	1.87	2.53	32	3630	2	0.01	62	0.045	19	< 5
81305 Orig	< 0.3	7.63	20	302	1	< 2	2.78	0.6	29	89	77	6.91	26	< 1	3.92	2.57	32	973	< 1	1.22	71	0.025	5	< 5
81305 Split	< 0.3	7.96	25	313	1	< 2	2.88	0.8	29	97	38	7.27	27	< 1	3.98	2.69	34	1030	< 1	1.26	70	0.026	< 3	< 5
81305 Orig	< 0.3	7.71	22	305	1	< 2	2.79	0.6	33	90	112	6.97	26	1	3.86	2.59	33	979	< 1	1.23	72	0.024	5	< 5
81305 Dup	< 0.3	7.54	18	300	1	< 2	2.76	0.5	25	89	41	6.85	26	< 1	3.98	2.55	32	967	< 1	1.21	70	0.025	5	< 5
81324 Orig	0.5	8.42	< 3	450	2	< 2	0.77	0.4	10	63	37	3.18	27	1	5.78	1.71	47	352	2	0.05	43	0.020	22	< 5
81324 Split	0.6	8.31	< 3	528	2	< 2	0.84	0.6	11	60	46	3.41	25	< 1	6.34	1.72	47	393	2	0.05	47	0.018	23	< 5
81330 Orig	0.5	8.70	< 3	545	2	< 2	1.05	< 0.3	13	55	45	3.13	27	< 1	3.95	1.76	43	462	3	0.05	45	0.028	5	< 5
81330 Dup	0.5	8.88	< 3	598	2	< 2	1.05	< 0.3	12	57	37	3.14	26	< 1	4.71	1.77	43	462	2	0.05	46	0.028	< 3	< 5
81335 Orig	0.6	8.33	< 3	558	2	< 2	0.30	< 0.3	13	62	43	3.66	25	< 1	6.35	1.49	43	198	< 1	0.05	46	0.022	13	< 5
81335 Split	0.3	8.37	< 3	567	2	< 2	0.30	< 0.3	13	60	42	3.69	26	< 1	5.77	1.50	43	191	< 1	0.05	46	0.021	13	< 5
81344 Orig	0.4	8.19	< 3	601	2	< 2	1.18	0.3	8	64	40	3.24	26	< 1	3.84	1.84	42	432	2	0.12	39	0.022	< 3	< 5
81344 Dup	0.3	8.27	< 3	605	2	< 2	1.19	0.3	9	62	44	3.27	25	< 1	4.16	1.85	42	433	3	0.12	40	0.023	< 3	< 5
81361 Orig	0.5	8.66	< 3	246	2	< 2	0.23	0.7	13	53	40	3.05	27	2	4.72	1.17	38	141	3	0.57	45	0.027	4	< 5
81361 Dup	0.5	8.81	< 3	339	2	< 2	0.24	0.5	13	57	44	3.10	27	< 1	5.40	1.18	39	146	2	0.57	44	0.028	4	< 5

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81365 Orig	0.4	8.31	< 3	192	2	< 2	1.11	0.7	10	54	56	3.20	26	< 1	5.82	1.54	40	327	3	0.63	41	0.027	17	< 5
81365 Split	0.7	7.94	< 3	200	2	< 2	1.09	0.7	10	50	38	3.17	25	< 1	6.02	1.53	40	331	2	0.63	42	0.026	16	< 5
81374 Orig	0.3	8.29	< 3	418	2	< 2	0.52	0.4	13	73	38	4.64	27	< 1	4.73	1.45	46	302	1	0.79	44	0.021	8	< 5
81374 Split	0.4	8.63	< 3	383	2	< 2	0.50	0.3	13	72	40	4.71	28	< 1	5.58	1.45	47	296	< 1	0.76	44	0.021	9	< 5
81375 Orig	> 100	1.34	944	100	< 1	55	2.15	547	32	26	> 10000	16.0	20	15	0.45	0.81	6	414	32	0.02	65	0.038	> 5000	87
81375 Dup	> 100	1.32	907	104	< 1	50	2.10	548	33	26	> 10000	15.8	20	17	0.46	0.81	6	435	32	0.02	65	0.039	> 5000	98
81395 Orig	0.7	8.39	8	43	2	< 2	0.74	2.9	9	71	95	8.35	26	< 1	5.79	1.23	38	346	12	0.08	96	0.023	74	< 5
81395 Split	0.6	10.6	7	696	2	< 2	0.93	2.9	8	86	93	8.40	28	3	3.53	1.27	37	376	11	0.08	91	0.024	79	< 5
81400 Orig	> 100	1.36	942	154	< 1	49	1.93	521	33	28	> 10000	15.9	21	19	0.47	0.82	6	407	32	0.02	64	0.039	> 5000	201
81400 Dup	> 100	1.32	964	82	< 1	44	1.74	507	34	34	> 10000	16.1	20	19	0.45	0.82	6	422	35	0.02	65	0.039	> 5000	102
81414 Orig	< 0.3	6.60	41	183	< 1	< 2	4.16	1.0	42	93	166	8.19	22	< 1	2.23	4.30	48	1160	< 1	0.51	94	0.028	< 3	< 5
81414 Dup	< 0.3	6.49	24	185	< 1	< 2	4.16	1.0	44	91	118	8.10	23	< 1	2.15	4.27	48	1170	< 1	0.50	95	0.025	4	< 5
81424 Orig	< 0.3	0.08	14	< 7	< 1	3	1.32	1.9	4	16	3	21.9	8	3	< 0.01	3.07	< 1	6980	< 1	< 0.01	4	0.020	15	< 5
81424 Split	< 0.3	0.13	11	< 7	< 1	3	1.47	1.9	4	18	3	21.9	9	3	0.01	3.09	< 1	6980	< 1	< 0.01	4	0.017	14	< 5
81427 Orig	< 0.3	7.15	11	344	3	< 2	1.08	0.6	20	83	107	9.21	25	3	3.97	1.87	57	814	3	0.07	53	0.024	< 3	< 5
81427 Split	< 0.3	7.22	< 3	131	3	< 2	1.10	0.8	21	84	107	9.45	25	2	3.26	1.92	58	831	1	0.06	52	0.024	4	< 5
81439 Orig	< 0.3	0.27	208	< 7	< 1	< 2	8.03	1.2	23	32	131	15.3	12	2	0.07	3.56	4	5420	2	< 0.01	73	0.027	15	< 5
81439 Dup	< 0.3	0.28	217	< 7	< 1	< 2	7.11	1.3	19	29	114	15.2	13	2	0.07	3.61	4	5570	1	< 0.01	61	0.027	18	< 5
81440 Orig	< 0.3	0.14	83	< 7	< 1	< 2	4.79	1.6	6	18	53	18.1	11	3	0.03	3.95	2	6260	< 1	< 0.01	28	0.019	12	< 5
81440 Split	< 0.3	0.18	77	< 7	< 1	3	4.79	1.5	4	13	54	18.3	11	3	0.04	3.99	3	6200	< 1	< 0.01	27	0.018	13	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		4	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	0.003	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		3	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	0.002	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	0.004	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank																								
Method Blank																								

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
GXR-1 Meas	0.25	< 4	291	13		< 5	30	96	175	26	786	25				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-4 Meas	1.76	8	215	< 2		< 5	< 10	92	39	13	76	66				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
SDC-1 Meas	0.07	18	168		0.29	< 5	< 10	63	< 5	32	106	44				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.08	16	173		0.18	< 5	< 10	47	< 5	30	107	38				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SCO-1 Meas	0.08	12	163		0.27			124	< 5	18	103	106				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	12	156		0.34			133	< 5	17	100	115				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
GXR-6 Meas	0.02	28	43	< 2		< 5	< 10	160	< 5	12	135	93				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	28	45	< 2		< 5	< 10	172	< 5	12	138	93				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	29	43	< 2		< 5	< 10	168	< 5	12	136	94				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
PTC-1a Meas													55	13.4		0.053
PTC-1a Cert													56.0	13.51		0.05
OREAS 14P Meas														0.975		
OREAS 14P Cert														0.997		
MP-1b Meas													49	3.06	16.5	2.15
MP-1b Cert													47.0	3.069	16.67	2.091
SAR-M (U.S.G.S.) Meas		10	148	< 2	0.27	< 5	< 10	59	12	35	883					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		10	150	6	0.27	< 5	< 10	54	11	34	899					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
DNC-1a Meas		30	130					150		14	57	37				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		30	132					149		14	59	37				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
OREAS 13b (4-Acid) Meas													< 3	0.240	0.015	
OREAS 13b (4-Acid) Cert													0.86	0.230	0	
CCu-1d Meas													121	24.1	2.62	0.266
CCu-1d Cert													120.7	23.93	2.63	0.262
CPB-2 Meas														0.123	6.24	16.4
CPB-2 Cert														0.1213	6.04	63.52
CZN-4 Meas													50	0.403	55.9	0.179
CZN-4 Cert													51.4	0.403	55.24	0.1861
81291 Orig	3.31	10	34	< 2	0.27	< 5	< 10	206	6	9	123	73				
81291 Dup	3.33	9	33	5	0.27	< 5	< 10	203	< 5	9	115	70				
81305 Orig	0.11	27	116	< 2	0.23	< 5	< 10	146	< 5	6	138	47				
81305 Split	0.11	28	119	< 2	0.48	< 5	< 10	231	< 5	6	136	78				
81305 Orig	0.11	27	115	< 2	0.22	< 5	< 10	143	< 5	6	137	44				
81305 Dup	0.10	26	116	< 2	0.25	< 5	< 10	150	< 5	6	139	49				
81324 Orig	1.03	11	31	< 2	0.33	< 5	< 10	104	< 5	12	58	210				
81324 Split	1.05	11	33	2	0.32	< 5	< 10	103	< 5	12	70	210				
81330 Orig	0.67	13	40	< 2	0.37	< 5	< 10	157	< 5	10	70	202				
81330 Dup	0.64	13	41	3	0.37	< 5	< 10	159	< 5	10	67	204				
81335 Orig	0.98	10	23	4	0.30	< 5	< 10	89	< 5	10	63	197				
81335 Split	0.94	10	22	< 2	0.31	< 5	< 10	89	< 5	10	61	193				
81344 Orig	0.38	10	64	< 2	0.29	< 5	< 10	109	< 5	8	48	182				
81344 Dup	0.42	10	65	< 2	0.30	< 5	< 10	109	< 5	8	47	181				
81361 Orig	0.93	10	36	< 2	0.34	< 5	< 10	116	< 5	10	108	209				
81361 Dup	0.93	11	37	< 2	0.34	< 5	< 10	117	< 5	10	107	210				

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81365 Orig	1.04	10	105	< 2	0.32	< 5	< 10	122	< 5	9	96	211				
81365 Split	1.02	10	101	2	0.32	< 5	< 10	122	< 5	9	93	212				
81374 Orig	0.88	11	70	< 2	0.32	< 5	< 10	119	< 5	8	79	122				
81374 Split	0.89	12	67	< 2	0.33	< 5	< 10	118	< 5	9	81	131				
81375 Orig	19.2	< 4	34	< 2	0.05	34	< 10	68	30	8	> 10000	25				
81375 Dup	19.0	< 4	33	< 2	0.04	28	< 10	65	31	8	> 10000	24				
81395 Orig	3.69	13	42	< 2	0.25	< 5	< 10	226	9	8	502	95				
81395 Split	3.33	15	58	< 2	0.26	< 5	< 10	215	7	11	473	92				
81400 Orig	19.1	< 4	34	3	0.05	32	< 10	67	27	8	> 10000	25				
81400 Dup	19.1	< 4	30	< 2	0.04	29	< 10	66	29	7	> 10000	25				
81414 Orig	0.13	34	224	7	0.48	< 5	< 10	306	< 5	4	103	52				
81414 Dup	0.13	33	225	< 2	0.37	< 5	< 10	258	< 5	4	104	43				
81424 Orig	0.07	< 4	22	6	< 0.01	< 5	< 10	11	< 5	4	9	8				
81424 Split	0.09	< 4	25	< 2	< 0.01	< 5	< 10	13	< 5	4	14	9				
81427 Orig	1.54	14	33	2	0.28	< 5	< 10	217	< 5	7	119	76				
81427 Split	1.51	14	32	2	0.29	< 5	< 10	220	< 5	7	115	76				
81439 Orig	4.20	< 4	207	< 2	0.01	< 5	< 10	21	< 5	8	31	12				
81439 Dup	3.32	< 4	178	4	< 0.01	< 5	< 10	22	< 5	8	30	12				
81440 Orig	1.33	< 4	77	7	< 0.01	< 5	< 10	16	< 5	5	37	9				
81440 Split	1.48	< 4	75	< 2	< 0.01	< 5	< 10	19	< 5	5	37	10				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5				
Method Blank	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	3	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5				
Method Blank													< 3	< 0.001	0.002	< 0.003
Method Blank													< 3	< 0.001	< 0.001	< 0.003

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 30-Oct-12
Invoice No.: A12-11564-Au
Invoice Date: 13-Nov-12
Your Reference: KAN BATCH #3

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

146 Rock samples were submitted for analysis.

The following analytical packages were requested:

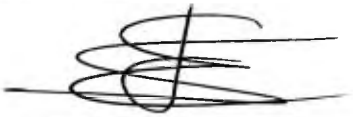
REPORT **A12-11564-Au**

Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code 8-4 Acid Total Digestion Code 8-4 Acid Total Digestion Assays
Code Weight Report Received(kg) & Pulp(g) weights

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Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81451	< 5	249
81452	< 5	2460
81453	< 5	2740
81454	< 5	2880
81455	< 5	3100
81456	< 5	2230
81457	< 5	2830
81458	< 5	2900
81459	< 5	3000
81460	< 5	2580
81461	< 5	2790
81462	< 5	2600
81463	< 5	2680
81464	< 5	2670
81465	< 5	2720
81466	< 5	2950
81467	< 5	2210
81468	< 5	2450
81469	< 5	2960
81470	< 5	2860
81471	< 5	3220
81472	8	2310
81473	< 5	956
81474	< 5	1140
81475	2080	21.5
81476	< 5	243
81477	< 5	2880
81478	< 5	2900
81479	< 5	2390
81480	< 5	3250
81481	< 5	2730
81482	50	2710
81483	< 5	3020
81484	< 5	2960
81485	< 5	3380
81486	< 5	3470
81487	< 5	3000
81488	< 5	3410
81489	< 5	3470
81490	12	3600
81491	< 5	3600
81492	< 5	3610
81493	< 5	3500
81494	13	3650
81495	< 5	3570
81496	< 5	3690
81497	< 5	3650
81498	< 5	1820
81499	< 5	1650
81500	2080	22.0
81501	< 5	251

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81502	< 5	3620
81503	< 5	3800
81504	< 5	3480
81505	< 5	3560
81506	< 5	3580
81507	9	3660
81508	46	3760
81509	< 5	3710
81510	< 5	3050
81511	< 5	3160
81512	< 5	3440
81513	< 5	4470
81514	< 5	3350
81515	18	3060
81516	14	3080
81517	9	3140
81518	17	2910
81519	21	2590
81520	38	3010
81521	27	2820
81522	21	2990
81523	28	1560
81524	24	1320
81525	2030	21.5
81526	< 5	265
81527	26	3130
81528	32	2940
81529	42	2800
81530	32	2970
81531	42	2900
81532	38	2710
81533	28	3060
81534	46	2890
81535	34	2920
81536	29	2770
81537	30	2650
81538	33	2720
81539	36	2830
81540	37	2830
81541	49	2580
81542	8	3160
81543	18	3000
81544	46	3060
81545	47	2730
81546	27	3050
81547	32	2820
81548	38	1350
81549	32	1390
81550	1970	21.5
81551	< 5	260
81552	9	2940

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81553	8	2910
81554	23	2770
81555	37	2710
81556	59	2660
81557	51	2980
81558	83	3040
81559	52	2870
81560	65	2840
81561	75	2830
81562	72	2800
81563	37	3000
81564	24	2750
81565	52	2820
81566	32	2790
81567	27	2820
81568	28	3020
81569	40	2950
81570	24	3070
81571	44	3270
81572	30	3530
81573	< 5	1070
81574	< 5	1140
81575	2090	21.5
81576	< 5	255
81577	< 5	2760
81578	< 5	3200
81579	10	2750
81580	7	3210
81581	7	2840
81582	< 5	2830
81583	< 5	2580
81584	< 5	2500
81585	< 5	2760
81586	< 5	3400
81587	< 5	2550
81588	< 5	2610
81589	6	2370
81590	22	2440
81591	9	2410
81592	< 5	2640
81593	< 5	2530
81594	< 5	2420
81595	< 5	2150
81596	< 5	2990

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA

CDN-GS-P3C Meas	252
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	244
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	249
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	241
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	240
CDN-GS-P3C Cert	263.00
CDN-GS-1L Meas	1110
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1190
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1130
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1130
CDN-GS-1L Cert	1160.00
81470 Orig	< 5
81470 Dup	< 5
81480 Orig	< 5
81480 Split	7
81480 Orig	< 5
81480 Dup	< 5
81495 Orig	< 5
81495 Dup	< 5
81501 Orig	< 5
81501 Split	< 5
81505 Orig	< 5
81505 Dup	< 5
81510 Orig	< 5
81510 Split	< 5
81515 Orig	18
81515 Dup	19
81530 Orig	32
81530 Dup	32
81540 Orig	37
81540 Split	39
81540 Orig	36
81540 Dup	37
81552 Orig	9
81552 Split	8
81570 Orig	34
81570 Split	20
81575 Orig	2270
81575 Dup	1920
81585 Orig	< 5
81585 Dup	6
81596 Orig	< 5
81596 Split	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Control	
Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
Method Blank	< 5

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 30-Oct-12
Invoice No.: A12-11564-ICP
Invoice Date: 19-Nov-12
Your Reference: KAN BATCH #3

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

146 Rock samples were submitted for analysis.

The following analytical packages were requested:

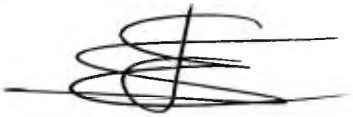
REPORT **A12-11564-ICP**

Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code 8-4 Acid Total Digestion Code 8-4 Acid Total Digestion Assays
Code Weight Report Received(kg) & Pulp(g) weights

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Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81451	< 0.3	0.04	4	9	< 1	< 2	0.06	< 0.3	< 1	3	7	0.13	< 1	< 1	0.01	0.03	7	22	< 1	0.01	1	< 0.001	< 3	< 5
81452	< 0.3	6.94	< 3	658	1	< 2	2.58	0.5	10	55	16	6.17	22	< 1	2.90	2.00	43	788	< 1	1.52	32	0.102	5	< 5
81453	< 0.3	7.00	4	850	1	< 2	3.54	< 0.3	23	66	51	5.32	21	< 1	4.12	2.78	42	858	< 1	0.30	63	0.023	< 3	< 5
81454	0.5	8.82	< 3	> 1000	2	< 2	0.75	< 0.3	14	56	54	3.37	26	1	4.94	1.89	49	322	3	0.05	47	0.025	6	< 5
81455	< 0.3	6.24	26	183	< 1	< 2	4.81	0.4	41	106	116	7.83	20	< 1	1.65	3.39	29	1200	< 1	0.80	79	0.026	< 3	< 5
81456	< 0.3	9.15	< 3	497	2	< 2	0.07	< 0.3	11	78	38	5.67	28	2	4.06	1.37	41	181	< 1	0.97	37	0.017	< 3	< 5
81457	< 0.3	8.08	< 3	403	2	< 2	0.38	< 0.3	10	73	34	6.09	24	1	3.49	1.51	39	288	< 1	1.14	33	0.115	4	< 5
81458	< 0.3	10.2	3	394	2	< 2	0.07	< 0.3	15	68	41	5.87	30	< 1	4.02	1.33	40	252	< 1	0.35	43	0.018	4	< 5
81459	< 0.3	8.91	< 3	420	2	< 2	0.16	0.5	12	62	34	5.36	29	4	3.56	1.22	37	249	< 1	0.98	36	0.015	< 3	< 5
81460	< 0.3	12.6	< 3	468	3	< 2	0.09	< 0.3	12	109	31	5.48	32	1	3.44	1.65	42	309	< 1	0.21	41	0.021	9	< 5
81461	< 0.3	8.42	6	348	2	< 2	0.16	< 0.3	12	81	33	4.76	28	1	2.93	1.14	39	248	< 1	0.32	35	0.018	20	< 5
81462	0.3	8.93	< 3	305	2	< 2	0.07	< 0.3	11	69	20	4.34	28	2	1.68	1.08	37	183	< 1	0.25	39	0.013	26	< 5
81463	< 0.3	9.18	< 3	473	2	< 2	0.07	< 0.3	12	60	31	5.28	28	< 1	3.96	1.33	41	208	< 1	0.19	36	0.015	< 3	< 5
81464	< 0.3	10.5	5	451	2	< 2	0.12	< 0.3	13	68	26	4.52	32	< 1	4.96	1.20	42	207	< 1	0.22	43	0.019	7	< 5
81465	0.3	10.9	5	588	3	< 2	0.05	< 0.3	14	75	19	4.30	32	1	5.16	1.13	41	212	< 1	0.25	41	0.016	8	< 5
81466	< 0.3	8.17	8	424	2	< 2	0.04	< 0.3	10	61	11	4.69	25	2	4.53	1.21	36	253	< 1	0.05	31	0.014	7	< 5
81467	< 0.3	9.93	< 3	440	2	< 2	0.08	< 0.3	14	78	28	4.85	30	1	4.93	1.38	46	172	< 1	0.09	38	0.018	< 3	< 5
81468	< 0.3	9.74	< 3	446	2	< 2	0.18	< 0.3	12	68	77	4.41	29	1	4.74	1.07	41	203	< 1	0.07	41	0.016	3	< 5
81469	0.4	7.58	41	379	< 1	< 2	4.46	< 0.3	60	141	162	9.41	22	< 1	2.85	3.33	35	1330	< 1	0.89	126	0.033	< 3	< 5
81470	< 0.3	6.47	12	333	1	< 2	3.41	0.4	25	99	44	6.57	22	2	2.05	2.09	31	886	< 1	0.07	58	0.018	6	< 5
81471	< 0.3	6.11	28	109	< 1	< 2	4.15	0.4	47	131	133	7.64	19	< 1	1.47	4.71	39	799	< 1	0.59	101	0.024	< 3	< 5
81472	0.5	7.41	< 3	283	2	< 2	0.86	1.3	28	74	90	8.56	24	< 1	2.69	1.43	37	377	3	0.04	67	0.013	12	< 5
81473	< 0.3	9.22	< 3	459	3	< 2	0.06	< 0.3	14	77	34	5.21	31	< 1	3.74	1.01	47	85	< 1	0.62	43	0.016	< 3	< 5
81474	< 0.3	9.53	< 3	482	3	< 2	0.05	< 0.3	14	81	38	5.31	30	2	4.19	1.01	47	81	< 1	0.67	42	0.017	< 3	< 5
81475	> 100	1.27	941	108	< 1	54	1.91	522	32	30	> 10000	15.6	17	17	0.41	0.80	6	368	30	0.02	61	0.035	> 5000	183
81476	< 0.3	0.08	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	4	7	0.27	< 1	< 1	0.03	0.01	7	26	2	< 0.01	< 1	< 0.001	< 3	< 5
81477	< 0.3	8.91	< 3	470	2	< 2	0.12	< 0.3	11	56	24	3.80	26	< 1	4.26	0.93	39	276	< 1	0.25	32	0.013	< 3	< 5
81478	< 0.3	9.32	5	472	3	< 2	0.11	< 0.3	15	58	8	4.00	29	< 1	4.13	1.10	43	327	< 1	0.95	35	0.016	6	< 5
81479	< 0.3	9.91	< 3	520	3	< 2	0.05	< 0.3	14	70	35	4.61	29	4	4.78	1.16	45	348	< 1	0.51	36	0.019	< 3	< 5
81480	< 0.3	7.05	< 3	254	2	< 2	0.35	0.5	20	89	68	7.54	24	< 1	1.85	1.24	40	493	2	0.10	60	0.019	5	< 5
81481	< 0.3	8.48	24	147	2	< 2	0.50	1.3	15	81	56	6.15	26	< 1	3.00	1.31	49	380	3	0.09	43	0.015	4	< 5
81482	1.1	3.99	5	107	2	< 2	0.76	2.6	69	67	181	22.3	12	< 1	2.38	1.08	28	970	13	0.03	115	0.028	44	< 5
81483	< 0.3	0.24	9	< 7	< 1	< 2	4.91	0.5	6	82	40	12.3	9	< 1	0.09	2.90	3	3690	< 1	< 0.01	24	0.009	4	< 5
81484	< 0.3	0.13	< 3	< 7	< 1	< 2	5.14	0.3	< 1	4	3	15.8	8	< 1	0.03	3.50	2	4250	< 1	< 0.01	5	0.012	< 3	< 5
81485	< 0.3	0.16	5	< 7	< 1	< 2	3.82	0.8	4	4	10	19.8	8	< 1	0.01	3.28	1	5650	< 1	< 0.01	5	0.018	< 3	< 5
81486	< 0.3	0.16	< 3	< 7	< 1	< 2	1.74	0.8	6	4	4	22.9	5	< 1	0.02	3.29	< 1	6630	< 1	< 0.01	5	0.023	< 3	< 5
81487	< 0.3	0.15	5	< 7	< 1	< 2	2.23	0.8	4	10	4	19.3	8	< 1	0.01	2.82	1	6860	1	< 0.01	6	0.021	3	< 5
81488	< 0.3	0.12	< 3	< 7	< 1	< 2	3.65	1.1	3	5	2	20.2	8	< 1	0.02	3.34	< 1	6380	< 1	< 0.01	5	0.017	< 3	< 5
81489	< 0.3	0.27	< 3	< 7	< 1	< 2	5.21	0.7	7	11	4	19.2	7	< 1	0.01	3.42	1	7660	< 1	< 0.01	7	0.032	< 3	< 5
81490	< 0.3	0.04	5	< 7	< 1	4	1.55	0.9	6	3	3	24.5	5	2	0.02	3.62	< 1	5300	< 1	< 0.01	4	0.005	< 3	< 5
81491	< 0.3	0.03	< 3	< 7	< 1	< 2	1.05	1.0	5	25	3	21.3	7	< 1	0.02	3.46	< 1	4760	< 1	< 0.01	5	0.003	< 3	< 5
81492	< 0.3	0.03	< 3	< 7	< 1	< 2	0.87	1.1	3	6	3	23.9	6	< 1	0.02	3.90	< 1	5290	< 1	< 0.01	6	0.003	< 3	< 5
81493	< 0.3	0.06	< 3	< 7	< 1	< 2	1.10	1.0	3	7	2	23.7	6	< 1	0.04	3.80	< 1	5790	< 1	0.01	3	0.008	< 3	< 5
81494	< 0.3	0.06	19	< 7	< 1	3	1.51	1.1	11	9	9	25.7	3	3	0.03	3.68	< 1	6170	1	< 0.01	8	0.016	4	< 5
81495	0.4	0.14	45	< 7	< 1	2	1.73	0.5	27	5	18	25.7	4	< 1	0.03	3.27	< 1	7620	6	< 0.01	20	0.038	35	< 5
81496	< 0.3	0.11	< 3	< 7	< 1	2	1.56	1.4	2	5	3	24.8	4	2	0.05	3.85	< 1	4570	< 1	0.01	5	0.032	4	< 5
81497	< 0.3	0.06	9	< 7	< 1	< 2	1.52	1.1	8	2	3	26.0	3	2	0.03	3.69	< 1	6740	< 1	< 0.01	7	0.020	5	< 5
81498	< 0.3	0.06	5	< 7	< 1	< 2	1.48	0.8	4	4	3	24.5	5	2	0.04	3.62	< 1	6680	< 1	0.01	5	0.022	3	< 5
81499	< 0.3	0.07	3	< 7	< 1	< 2	1.43	1.1	4	5	3	25.1	4	4	0.04	3.64	< 1	6920	< 1	0.01	5	0.025	< 3	< 5
81500	> 100	1.26	915	135	< 1	25	1.11	452	30	36	> 10000	15.6	18	17	0.41	0.79	6	368	30	0.02	62	0.035	> 5000	143
81501	< 0.3	0.02	< 3	< 7	< 1	< 2	0.02	< 0.3	< 1	3	6	0.50	< 1	< 1	< 0.01	0.03	7	92	< 1	< 0.01	< 1	< 0.001	< 3	< 5
81502	< 0.3	0.07	8	< 7	< 1	2	1.03	1.1	5	4	4	26.6	3	< 1	0.03	3.47	< 1	6990	< 1	0.01	5	0.009	5	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81503	0.3	0.06	< 3	< 7	< 1	2	1.17	1.4	3	6	5	27.1	2	4	0.03	3.78	< 1	5470	< 1	0.01	4	0.007	3	< 5
81504	< 0.3	0.07	< 3	< 7	< 1	< 2	1.45	1.1	2	6	3	25.0	4	1	0.04	3.77	< 1	5880	< 1	0.01	5	0.014	< 3	< 5
81505	< 0.3	0.08	< 3	< 7	< 1	< 2	1.24	1.0	2	3	3	23.5	6	< 1	0.04	3.52	< 1	6020	< 1	0.01	4	0.008	< 3	< 5
81506	< 0.3	0.39	8	< 7	1	3	1.31	0.8	6	12	4	23.5	6	< 1	0.04	3.28	1	7920	< 1	0.01	8	0.020	5	< 5
81507	< 0.3	0.28	20	< 7	2	< 2	1.77	0.7	6	10	3	21.0	8	< 1	0.04	3.28	< 1	6540	< 1	0.01	9	0.016	4	< 5
81508	< 0.3	0.26	21	< 7	< 1	2	1.40	0.6	7	7	3	23.9	5	< 1	0.06	3.57	< 1	8180	< 1	0.01	8	0.022	< 3	< 5
81509	< 0.3	0.23	10	< 7	< 1	< 2	1.47	1.0	4	6	3	23.3	6	< 1	0.03	3.48	< 1	8380	< 1	< 0.01	7	0.083	< 3	< 5
81510	< 0.3	0.37	17	< 7	2	< 2	1.74	0.6	5	15	3	22.3	6	< 1	0.07	3.37	2	8660	< 1	< 0.01	9	0.103	< 3	< 5
81511	< 0.3	0.19	7	< 7	< 1	2	1.77	0.7	5	6	2	18.2	8	< 1	0.03	2.79	< 1	6920	< 1	< 0.01	6	0.015	4	< 5
81512	< 0.3	0.38	9	< 7	< 1	< 2	1.72	0.9	6	10	3	23.4	6	< 1	< 0.01	3.25	2	10700	< 1	< 0.01	9	0.034	< 3	< 5
81513	< 0.3	0.33	17	< 7	< 1	< 2	1.42	0.7	7	8	4	22.6	6	< 1	0.03	3.12	2	9800	< 1	< 0.01	9	0.031	< 3	< 5
81514	0.8	8.18	75	191	2	< 2	0.50	1.0	16	93	135	10.3	26	< 1	3.15	1.82	59	508	11	0.12	109	0.036	7	< 5
81515	1.6	7.90	22	201	2	< 2	1.03	7.4	14	65	187	11.7	23	2	3.93	0.85	26	540	51	0.17	199	0.075	15	< 5
81516	1.2	7.08	81	197	1	< 2	1.66	4.4	21	59	83	10.9	22	1	3.47	1.04	22	544	28	0.18	135	0.039	30	9
81517	1.0	9.78	57	44	2	< 2	0.40	3.4	28	81	109	9.92	28	1	5.01	0.70	30	163	11	0.27	128	0.022	21	< 5
81518	1.7	5.15	52	112	1	< 2	2.21	10.2	19	48	259	13.0	18	1	2.35	1.16	19	1290	67	0.14	198	0.135	21	10
81519	1.9	2.34	73	55	< 1	< 2	2.53	9.8	20	40	391	14.3	13	< 1	0.79	1.26	18	1950	105	0.03	247	0.228	33	6
81520	2.5	4.53	129	84	2	< 2	1.41	19.1	33	56	243	13.9	17	2	1.91	0.79	19	1080	91	0.09	207	0.130	54	21
81521	2.6	2.95	30	91	1	< 2	2.95	25.1	6	61	522	13.1	14	< 1	1.17	1.28	15	2220	109	0.05	240	0.287	26	6
81522	1.9	3.72	60	81	2	< 2	2.76	16.9	16	42	384	12.9	15	< 1	1.60	1.28	17	1940	71	0.21	204	0.153	30	8
81523	1.8	4.43	185	139	2	< 2	1.60	9.8	22	45	213	15.2	15	2	2.08	0.88	20	836	39	0.24	179	0.028	51	15
81524	1.7	4.47	181	139	2	< 2	1.80	9.7	22	51	160	14.8	16	2	2.06	0.97	20	956	38	0.23	163	0.032	55	17
81525	> 100	1.27	929	177	< 1	19	0.80	436	32	31	> 10000	15.7	18	17	0.41	0.79	6	360	31	0.02	63	0.036	> 5000	147
81526	< 0.3	0.03	< 3	< 7	< 1	< 2	0.07	< 0.3	< 1	5	1	0.14	< 1	< 1	< 0.01	0.04	6	40	< 1	< 0.01	< 1	< 0.001	< 3	< 5
81527	1.3	5.85	177	174	3	< 2	1.91	6.8	16	50	142	13.9	18	1	2.80	1.16	25	920	18	0.23	167	0.069	49	17
81528	2.4	4.34	119	132	2	< 2	2.42	14.7	19	49	365	14.1	15	< 1	1.92	1.21	23	1440	71	0.13	265	0.102	43	14
81529	2.8	3.68	170	116	2	< 2	1.90	18.6	30	55	262	14.5	16	2	1.67	1.03	21	1410	99	0.09	270	0.118	49	18
81530	2.6	4.84	141	181	2	< 2	1.77	12.2	17	52	221	13.1	17	1	2.42	1.00	24	1230	71	0.09	271	0.110	52	16
81531	3.4	1.80	95	68	< 1	< 2	3.13	12.3	13	37	381	14.4	12	1	0.82	1.37	14	2350	110	0.03	356	0.207	46	9
81532	2.6	3.33	68	84	2	< 2	1.73	17.8	21	96	347	13.2	15	< 1	1.43	1.03	21	1840	107	0.08	265	0.176	49	21
81533	2.3	2.96	74	81	2	< 2	1.85	15.4	22	48	420	14.7	14	1	1.17	1.07	18	1650	98	0.06	293	0.151	48	8
81534	3.8	2.89	112	94	2	< 2	1.48	17.0	24	56	332	15.0	14	< 1	1.34	0.85	22	1300	121	0.04	302	0.121	78	13
81535	2.9	2.17	75	84	1	< 2	2.13	16.3	25	37	355	14.5	13	1	1.08	1.16	18	2050	124	0.03	291	0.175	65	16
81536	2.3	4.65	82	176	3	< 2	0.95	14.6	27	64	258	13.2	18	1	2.24	0.80	30	986	98	0.09	262	0.089	58	15
81537	3.1	1.97	82	85	1	< 2	2.29	13.7	27	39	285	13.9	13	< 1	0.93	1.23	16	2630	151	0.03	268	0.259	84	17
81538	2.7	1.98	66	84	1	< 2	3.00	15.0	18	45	274	12.1	13	< 1	0.97	1.47	15	2960	121	0.03	225	0.235	69	14
81539	2.5	1.97	89	80	1	< 2	2.26	15.2	18	33	293	12.9	13	< 1	0.98	1.18	14	2180	115	0.03	256	0.199	75	10
81540	2.9	2.01	105	79	1	< 2	1.85	15.4	12	34	290	11.9	13	< 1	1.03	1.01	14	1820	139	0.03	262	0.212	75	15
81541	2.8	3.10	103	105	2	< 2	2.72	19.2	23	45	209	12.0	16	1	1.57	1.38	18	1990	142	0.05	231	0.163	77	20
81542	1.1	8.09	83	211	3	< 2	1.52	5.9	17	83	166	10.1	25	< 1	4.33	1.17	34	841	18	0.14	150	0.034	23	< 5
81543	1.3	7.89	125	200	3	< 2	1.10	6.1	26	67	111	10.4	25	1	4.44	0.98	33	730	33	0.14	189	0.029	43	9
81544	2.5	2.55	108	68	1	< 2	2.08	16.3	18	48	393	14.8	14	< 1	1.25	1.05	13	1960	134	0.08	361	0.217	72	15
81545	2.8	2.36	75	68	1	2	1.79	16.6	16	43	393	15.6	13	< 1	1.15	1.12	12	2170	133	0.06	363	0.229	83	14
81546	2.5	1.32	18	40	< 1	< 2	4.05	9.3	4	30	673	16.6	11	< 1	0.62	2.26	8	4870	86	0.03	391	0.347	67	< 5
81547	2.2	1.93	37	66	< 1	< 2	2.46	9.3	10	33	328	13.4	12	< 1	0.93	1.33	10	2600	131	0.03	325	0.255	68	9
81548	2.4	2.81	98	66	1	< 2	1.90	11.9	22	54	265	15.0	14	< 1	1.27	1.21	12	1850	110	0.09	312	0.220	82	14
81549	2.3	2.63	95	68	1	2	1.86	10.3	21	40	286	14.6	14	< 1	1.28	1.06	13	1720	118	0.07	302	0.205	75	10
81550	> 100	1.28	952	86	< 1	45	1.97	518	31	35	> 10000	15.8	17	17	0.42	0.80	6	378	31	0.02	62	0.036	> 5000	133
81551	< 0.3	0.03	< 3	< 7	< 1	< 2	0.02	< 0.3	< 1	4	8	0.21	< 1	< 1	0.01	< 0.01	6	41	< 1	< 0.01	2	0.001	< 3	< 5
81552	1.1	8.05	100	83	2	< 2	0.98	4.4	23	68	106	10.5	24	< 1	3.34	0.83	26	508	14	1.19	150	0.022	32	6
81553	1.0	8.04	112	31	3	< 2	0.67	5.6	22	69	110	11.1	25	1	3.85	0.74	29	424	16	0.81	167	0.026	32	< 5
81554	1.6	5.64	104	150	2	< 2	1.67	12.5	25	65	172	12.7	19	< 1	2.57	1.07	21	1600	72	0.44	232	0.104	59	17

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81555	2.4	2.55	125	79	1	2	2.45	13.3	21	52	223	13.8	15	< 1	1.24	1.15	13	2100	126	0.04	298	0.191	86	18
81556	3.0	2.64	160	61	2	< 2	1.17	19.5	35	51	239	15.6	15	< 1	1.31	0.74	13	1180	132	0.04	355	0.140	106	16
81557	2.9	2.59	131	64	2	< 2	1.32	12.7	22	55	286	13.8	14	< 1	0.94	0.84	11	1090	131	0.10	355	0.133	90	19
81558	2.2	2.41	86	42	< 1	< 2	3.17	21.1	14	36	329	15.2	12	< 1	0.60	1.66	9	2640	79	0.15	352	0.180	67	9
81559	2.1	3.59	170	75	2	< 2	1.14	13.6	27	49	174	14.9	16	1	2.23	0.85	17	1230	95	0.05	283	0.080	90	33
81560	2.5	3.05	153	86	2	< 2	1.89	15.1	28	50	219	15.0	15	2	2.14	1.00	14	1660	103	0.05	268	0.147	87	18
81561	2.7	3.46	154	121	2	< 2	1.42	18.2	31	55	215	14.6	16	1	1.81	0.74	15	1260	105	0.07	274	0.118	95	19
81562	3.2	3.13	97	95	2	< 2	2.22	20.4	26	54	260	13.9	15	< 1	1.61	1.03	16	1790	125	0.07	267	0.172	96	26
81563	1.9	3.89	116	126	2	< 2	1.34	10.2	27	54	174	14.3	16	1	1.89	0.81	18	1230	82	0.11	237	0.121	85	12
81564	1.7	1.43	16	46	< 1	< 2	3.94	7.4	5	31	379	14.9	12	< 1	0.66	1.99	9	4120	76	0.03	325	0.310	52	< 5
81565	2.4	3.08	86	83	1	< 2	1.85	13.0	20	51	285	14.8	15	< 1	1.40	1.00	15	1500	98	0.08	279	0.193	80	12
81566	1.7	3.23	52	108	1	< 2	3.76	9.8	19	42	238	13.7	15	< 1	1.50	1.94	16	2630	74	0.11	207	0.210	48	6
81567	1.6	3.70	65	89	2	< 2	2.81	10.8	16	44	231	14.9	16	1	1.75	1.49	19	1620	70	0.09	220	0.157	47	9
81568	1.4	5.57	153	201	2	< 2	1.29	5.4	22	46	63	13.9	19	1	3.05	0.83	27	378	37	0.10	168	0.024	68	8
81569	1.8	4.90	165	167	2	< 2	0.93	7.0	23	51	76	14.5	18	< 1	2.48	0.64	24	291	53	0.09	183	0.029	79	11
81570	1.4	5.32	159	181	2	< 2	1.38	9.3	23	54	81	14.2	17	< 1	2.80	0.86	26	362	34	0.09	170	0.032	74	9
81571	1.3	3.56	187	93	1	< 2	4.03	11.6	20	47	62	13.6	15	< 1	1.82	1.85	20	758	58	0.06	194	0.024	94	9
81572	1.4	3.57	106	120	1	< 2	1.87	6.0	17	56	198	16.1	15	< 1	1.39	1.50	30	927	54	0.05	288	0.110	55	6
81573	0.4	2.78	6	81	1	< 2	2.19	0.8	10	48	83	16.8	12	< 1	0.62	2.31	31	3030	3	0.13	44	0.238	5	< 5
81574	< 0.3	2.75	5	76	1	< 2	2.38	0.8	14	45	79	18.4	13	< 1	0.59	2.55	31	3540	3	0.14	44	0.275	10	9
81575	> 100	1.27	777	125	< 1	49	1.84	511	32	26	> 10000	15.7	18	16	0.41	0.78	6	384	31	0.02	62	0.037	> 5000	116
81576	< 0.3	0.03	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	4	0.16	< 1	< 1	< 0.01	< 0.01	7	29	< 1	< 0.01	< 1	< 0.001	4	< 5
81577	< 0.3	2.65	11	174	3	2	1.87	0.7	12	64	73	17.3	12	< 1	1.03	2.18	20	3420	4	0.12	35	0.209	6	< 5
81578	0.4	3.68	4	300	3	3	1.46	0.9	13	57	52	15.5	15	< 1	1.95	2.07	13	3570	3	0.09	31	0.213	7	< 5
81579	0.3	3.22	5	224	2	< 2	1.43	1.9	11	49	66	16.1	13	< 1	1.59	2.06	11	3900	3	0.08	33	0.214	12	< 5
81580	< 0.3	2.48	< 3	180	2	< 2	1.85	1.9	9	49	61	19.0	10	< 1	1.27	2.27	10	4650	4	0.05	32	0.242	9	< 5
81581	< 0.3	2.80	< 3	194	2	< 2	2.12	2.1	13	41	88	17.1	13	< 1	1.50	2.16	12	3620	3	0.05	36	0.256	12	< 5
81582	0.4	2.78	25	183	2	< 2	2.05	1.8	14	73	105	16.2	12	< 1	1.42	2.14	12	3060	4	0.05	35	0.272	32	< 5
81583	< 0.3	1.98	18	140	2	< 2	2.20	0.9	9	45	56	18.4	10	< 1	1.02	2.43	9	3710	2	0.04	25	0.285	8	< 5
81584	< 0.3	3.34	12	230	3	< 2	2.06	1.5	11	59	78	16.5	14	< 1	1.76	2.20	14	3600	4	0.06	31	0.269	7	< 5
81585	0.3	2.73	7	191	2	< 2	2.20	1.2	15	47	64	18.6	12	< 1	1.42	2.40	12	3750	2	0.05	35	0.292	7	< 5
81586	0.4	3.32	5	221	3	< 2	1.96	0.9	12	70	69	17.3	13	< 1	1.81	2.26	14	3840	3	0.06	32	0.259	6	< 5
81587	0.3	2.53	< 3	184	2	< 2	1.82	1.1	10	48	56	18.2	11	< 1	1.18	2.38	14	3020	2	0.08	26	0.251	5	< 5
81588	0.4	2.90	4	125	2	2	1.67	0.6	14	78	108	11.9	14	< 1	1.06	1.74	28	1420	8	0.06	51	0.205	8	< 5
81589	0.7	2.64	9	75	1	< 2	1.61	1.4	20	82	201	12.5	14	< 1	0.78	1.45	31	849	15	0.03	92	0.226	19	< 5
81590	1.3	4.42	66	104	2	< 2	1.97	5.5	27	49	163	14.4	16	< 1	2.06	1.23	24	572	30	0.09	142	0.084	93	9
81591	1.1	8.24	22	64	2	< 2	1.28	3.1	28	68	63	9.73	24	< 1	3.39	0.97	27	247	10	1.54	106	0.028	131	< 5
81592	0.8	6.70	6	110	2	< 2	2.47	1.3	18	74	128	11.3	22	< 1	3.05	1.49	28	863	11	0.38	116	0.038	12	9
81593	< 0.3	0.12	< 3	< 7	< 1	< 2	2.23	0.5	3	59	7	10.4	7	< 1	0.03	2.44	2	1630	3	< 0.01	10	0.019	< 3	< 5
81594	< 0.3	0.08	< 3	< 7	< 1	< 2	2.71	0.3	< 1	46	5	8.85	6	< 1	0.01	2.17	2	1500	2	< 0.01	7	0.017	< 3	< 5
81595	< 0.3	0.15	5	14	< 1	< 2	3.24	0.3	5	49	5	10.3	8	< 1	0.01	2.47	4	3260	2	< 0.01	13	0.016	< 3	< 5
81596	0.5	0.45	< 3	8	< 1	< 2	2.28	0.9	6	35	4	18.3	9	< 1	0.03	2.86	10	10000	1	< 0.01	10	0.033	< 3	< 5

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81451	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	11	< 5				
81452	0.07	11	89	< 2	0.24	< 5	< 10	85	< 5	10	51	68				
81453	0.06	20	100	4	0.22	< 5	< 10	109	< 5	9	51	95				
81454	0.16	11	28	6	0.32	< 5	< 10	123	< 5	10	35	227				
81455	0.19	39	148	< 2	0.32	< 5	< 10	213	< 5	6	77	39				
81456	0.36	12	25	3	0.32	< 5	< 10	85	< 5	8	76	90				
81457	0.26	11	66	8	0.27	< 5	< 10	77	< 5	15	72	77				
81458	0.29	13	37	2	0.33	< 5	< 10	89	< 5	8	81	92				
81459	0.31	11	51	< 2	0.27	< 5	< 10	69	< 5	7	106	82				
81460	0.13	18	44	3	0.35	< 5	< 10	93	< 5	13	85	98				
81461	0.17	11	46	9	0.31	< 5	< 10	85	< 5	7	68	81				
81462	0.24	11	32	< 2	0.30	< 5	< 10	86	< 5	6	77	85				
81463	0.39	12	20	5	0.30	< 5	< 10	89	< 5	6	76	86				
81464	0.16	14	31	9	0.35	< 5	< 10	80	< 5	8	67	120				
81465	0.13	14	21	16	0.34	< 5	< 10	77	< 5	7	67	114				
81466	0.14	11	12	4	0.28	< 5	< 10	88	< 5	6	80	79				
81467	0.50	14	18	11	0.35	< 5	< 10	111	< 5	8	71	102				
81468	0.68	12	22	4	0.32	< 5	< 10	82	< 5	7	93	97				
81469	0.15	48	138	3	0.39	< 5	< 10	252	< 5	6	88	44				
81470	0.62	21	162	3	0.36	< 5	< 10	249	< 5	6	115	66				
81471	0.10	38	200	5	0.27	< 5	< 10	209	< 5	4	69	34				
81472	2.03	13	70	2	0.27	< 5	< 10	231	< 5	7	189	79				
81473	0.12	14	34	2	0.22	< 5	< 10	81	< 5	6	74	68				
81474	0.12	14	35	< 2	0.20	< 5	< 10	73	< 5	6	76	67				
81475	17.6	< 4	27	12	0.04	25	< 10	56	8	8	> 10000	24	159	1.23	9.38	1.51
81476	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	9	< 5				
81477	0.08	11	40	7	0.22	< 5	< 10	57	< 5	6	70	102				
81478	0.02	13	49	< 2	0.07	< 5	< 10	30	< 5	7	84	56				
81479	0.14	13	36	3	0.33	< 5	< 10	82	< 5	7	74	111				
81480	1.61	12	34	3	0.29	< 5	< 10	256	< 5	6	140	80				
81481	2.06	14	42	< 2	0.29	< 5	< 10	267	< 5	7	159	89				
81482	6.60	9	48	8	0.22	< 5	< 10	155	10	8	474	108				
81483	1.14	< 4	101	< 2	0.02	< 5	< 10	25	< 5	5	28	10				
81484	0.08	< 4	44	< 2	< 0.01	< 5	< 10	16	< 5	5	13	8				
81485	0.06	< 4	28	< 2	< 0.01	< 5	< 10	22	< 5	6	14	12				
81486	0.07	< 4	14	3	< 0.01	< 5	< 10	20	< 5	7	7	11				
81487	0.06	< 4	14	< 2	< 0.01	< 5	< 10	21	< 5	6	5	10				
81488	0.04	< 4	19	< 2	0.01	< 5	< 10	16	< 5	7	6	10				
81489	0.07	< 4	28	< 2	0.03	< 5	< 10	22	< 5	7	7	16				
81490	0.07	< 4	20	4	< 0.01	< 5	< 10	11	< 5	5	9	9				
81491	0.01	< 4	14	< 2	< 0.01	< 5	< 10	10	< 5	6	6	8				
81492	0.02	< 4	9	< 2	< 0.01	< 5	< 10	11	< 5	6	8	8				
81493	0.01	< 4	13	2	< 0.01	< 5	< 10	10	< 5	6	8	9				
81494	0.27	< 4	20	< 2	< 0.01	< 5	< 10	12	< 5	6	12	9				
81495	0.70	< 4	17	4	0.01	< 5	< 10	16	7	7	7	12				
81496	0.03	< 4	16	3	0.01	< 5	< 10	12	5	7	7	12				
81497	0.03	< 4	15	< 2	< 0.01	< 5	< 10	12	< 5	8	6	9				
81498	0.03	< 4	14	5	< 0.01	< 5	< 10	13	< 5	8	6	9				
81499	0.03	< 4	14	3	< 0.01	< 5	< 10	14	< 5	8	6	10				
81500	17.1	< 4	26	7	0.04	26	< 10	55	< 5	6	> 10000	23	163	1.22	9.43	1.53
81501	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	6	< 5				
81502	0.04	< 4	9	3	< 0.01	< 5	< 10	15	< 5	7	7	9				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81503	0.01	< 4	11	2	< 0.01	< 5	< 10	13	< 5	6	6	10				
81504	0.02	< 4	16	2	< 0.01	< 5	< 10	16	< 5	8	6	10				
81505	0.02	< 4	12	< 2	< 0.01	< 5	< 10	16	< 5	7	8	9				
81506	0.06	< 4	14	2	0.06	< 5	< 10	31	< 5	8	8	22				
81507	0.05	< 4	16	3	0.03	< 5	< 10	24	< 5	8	4	16				
81508	0.03	< 4	14	< 2	0.02	< 5	< 10	25	< 5	7	6	15				
81509	0.04	< 4	15	4	0.02	< 5	< 10	24	< 5	8	5	15				
81510	0.06	< 4	19	2	0.03	< 5	< 10	27	< 5	14	6	18				
81511	0.04	< 4	16	< 2	0.02	< 5	< 10	18	< 5	6	6	13				
81512	0.07	< 4	17	< 2	0.03	< 5	< 10	28	< 5	7	8	17				
81513	0.10	< 4	22	5	0.03	< 5	< 10	25	< 5	6	19	16				
81514	4.07	16	28	5	0.35	< 5	< 10	253	5	11	251	152				
81515	4.96	18	44	< 2	0.39	< 5	30	564	6	18	1320	134				
81516	8.15	14	48	< 2	0.29	< 5	20	367	8	18	753	117				
81517	7.22	21	40	6	0.57	< 5	10	227	7	16	621	186				
81518	7.16	11	59	< 2	0.22	< 5	40	705	6	24	1710	103				
81519	7.80	5	48	< 2	0.10	< 5	50	1050	< 5	40	1460	54				
81520	10.8	9	40	13	0.17	< 5	50	870	< 5	40	2820	87				
81521	5.11	7	56	< 2	0.12	< 5	60	1250	< 5	40	3580	92				
81522	7.18	8	54	7	0.16	< 5	40	923	< 5	25	2280	83				
81523	12.7	11	38	4	0.17	< 5	20	433	5	15	1300	67				
81524	12.4	11	40	6	0.18	< 5	20	454	< 5	16	1260	68				
81525	17.1	< 4	26	6	0.04	30	< 10	57	7	5	> 10000	24	155	1.24	9.27	1.49
81526	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	3	< 5				
81527	12.2	11	46	3	0.22	< 5	20	276	13	14	949	72				
81528	9.92	10	51	9	0.16	< 5	30	853	8	25	1940	71				
81529	11.2	9	51	6	0.18	< 5	50	1210	7	37	2450	77				
81530	10.4	9	51	< 2	0.20	< 5	30	825	5	27	1520	81				
81531	8.91	5	63	< 2	0.08	< 5	50	1080	< 5	38	1530	49				
81532	8.19	7	46	< 2	0.14	< 5	50	1190	< 5	42	2300	93				
81533	8.85	7	46	< 2	0.13	< 5	40	1120	7	40	1980	71				
81534	10.1	7	38	2	0.13	< 5	50	1180	7	38	2240	64				
81535	8.41	6	50	8	0.11	< 5	50	1220	< 5	39	1970	50				
81536	8.58	11	38	6	0.22	< 5	50	1180	< 5	30	1930	95				
81537	7.72	5	51	< 2	0.09	< 5	60	1210	6	46	1700	68				
81538	6.74	5	64	< 2	0.09	< 5	50	1180	< 5	39	1800	51				
81539	7.20	5	50	< 2	0.10	< 5	50	1170	< 5	42	1950	54				
81540	6.14	5	43	7	0.09	< 5	50	1270	5	39	1910	55				
81541	7.81	8	58	3	0.15	< 5	60	1570	< 5	42	2440	87				
81542	7.33	18	52	4	0.34	< 5	< 10	276	9	17	788	176				
81543	8.74	16	45	4	0.32	6	20	527	9	21	839	180				
81544	9.87	6	53	6	0.11	< 5	60	1240	8	51	2200	99				
81545	9.49	6	47	2	0.10	< 5	60	1270	< 5	44	2200	64				
81546	7.07	< 4	88	< 2	0.06	< 5	40	802	16	31	1140	45				
81547	7.12	6	58	< 2	0.08	< 5	50	1160	< 5	36	1230	50				
81548	9.98	7	66	3	0.13	< 5	50	1310	8	40	1600	67				
81549	9.71	6	56	2	0.12	< 5	50	1260	7	42	1380	62				
81550	17.9	< 4	25	9	0.04	29	< 10	57	6	7	> 10000	24	158	1.20	9.41	1.51
81551	0.06	< 4	< 1	< 2	< 0.01	< 5	< 10	7	< 5	< 1	48	< 5				
81552	8.53	15	53	< 2	0.38	< 5	< 10	228	8	19	611	169				
81553	8.97	15	46	5	0.37	< 5	10	274	9	19	803	157				
81554	9.24	12	55	4	0.27	< 5	30	809	5	30	1750	116				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81555	9.44	7	60	9	0.13	< 5	60	1320	5	43	1810	58				
81556	11.8	7	35	< 2	0.11	< 5	60	1510	< 5	41	2730	57				
81557	9.94	6	53	< 2	0.14	< 5	70	1300	5	37	1710	64				
81558	9.62	5	99	8	0.11	< 5	30	792	8	28	2850	45				
81559	12.1	8	34	9	0.18	< 5	40	1250	9	30	1880	72				
81560	11.6	8	49	2	0.14	< 5	50	1160	6	40	2110	69				
81561	11.4	8	39	< 2	0.15	< 5	50	1270	10	38	2590	81				
81562	9.52	7	54	2	0.13	< 5	50	1190	< 5	51	2810	156				
81563	10.8	8	43	6	0.15	< 5	30	786	< 5	30	1440	74				
81564	6.52	< 4	79	< 2	0.07	< 5	40	795	10	33	922	38				
81565	9.70	7	52	3	0.11	< 5	40	980	7	43	1850	69				
81566	6.53	7	88	3	0.14	< 5	40	918	7	21	1320	66				
81567	8.92	8	60	8	0.17	< 5	30	766	< 5	25	1370	74				
81568	12.7	11	39	3	0.23	7	20	381	13	14	785	97				
81569	13.4	10	32	< 2	0.20	< 5	20	574	20	16	1040	78				
81570	12.9	11	39	5	0.20	< 5	20	368	10	13	1330	90				
81571	12.4	9	71	< 2	0.15	< 5	30	617	< 5	17	1600	59				
81572	10.7	8	52	6	0.11	< 5	20	635	14	20	860	70				
81573	1.84	5	74	3	0.07	< 5	< 10	133	< 5	12	149	55				
81574	1.81	5	79	< 2	0.07	< 5	< 10	133	7	13	145	54				
81575	17.7	< 4	30	4	0.04	25	< 10	56	7	8	> 10000	24	158	1.26	9.44	1.52
81576	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	15	< 5				
81577	1.25	5	67	2	0.10	< 5	< 10	120	< 5	10	130	53				
81578	1.04	7	70	9	0.13	< 5	< 10	120	5	13	116	54				
81579	1.21	6	61	10	0.10	< 5	< 10	112	6	12	250	26				
81580	1.21	5	69	< 2	0.08	< 5	< 10	97	< 5	12	231	39				
81581	1.29	5	80	3	0.08	< 5	< 10	110	6	13	194	44				
81582	1.15	5	80	3	0.07	< 5	< 10	118	6	13	255	38				
81583	0.67	4	81	2	0.06	< 5	< 10	100	< 5	12	142	23				
81584	1.02	6	83	3	0.09	< 5	< 10	135	< 5	14	187	41				
81585	1.25	5	82	6	0.07	< 5	< 10	127	< 5	13	140	44				
81586	1.20	6	72	< 2	0.08	< 5	< 10	136	< 5	13	123	71				
81587	0.90	5	63	4	0.09	< 5	< 10	120	< 5	12	117	51				
81588	1.91	6	62	3	0.11	< 5	< 10	264	< 5	14	139	59				
81589	4.47	5	56	2	0.09	< 5	10	297	< 5	18	229	60				
81590	9.15	9	58	< 2	0.18	< 5	20	347	12	21	841	96				
81591	5.89	17	60	4	0.44	< 5	< 10	172	8	12	498	151				
81592	4.41	15	77	3	0.36	< 5	< 10	158	< 5	14	164	192				
81593	0.46	< 4	25	2	0.02	< 5	< 10	12	< 5	4	15	11				
81594	0.29	< 4	26	< 2	< 0.01	< 5	< 10	11	< 5	3	7	< 5				
81595	0.25	< 4	30	< 2	0.01	< 5	< 10	17	< 5	4	7	8				
81596	0.12	< 4	26	< 2	0.04	< 5	< 10	35	< 5	5	15	22				

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	30.9	2.08	388	655	1	1390	0.87	3.3	8	12	1120	23.6	8	4	0.04	0.21	7	876	14	0.04	43	0.057	723	18
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-1 Meas	27.9	4.14	356	> 1000	1	1270	0.87	3.0	9	12	1020	21.7	10	3	0.05	0.27	10	841	13	0.06	40	0.052	651	37
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-1 Meas	31.9	2.30	430	687	1	1370	0.88	3.3	8		1190	23.8	8	4	0.05	0.22	8	964	15	0.05	47	0.060	764	38
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20		1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-1 Meas	31.8	2.31	429	642	1	1380	0.87	3.3	8		1140	24.1	10	4	0.05	0.21	8	857	15	0.05	46	0.058	712	30
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20		1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-4 Meas	3.4	7.63	92	128	2	7	1.08	0.5	16	62	6510	3.12	25	< 1	1.87	1.72	12	159	314	0.51	44	0.132	43	7
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
GXR-4 Meas	3.6	6.76	94	148	2	7	1.08	0.4	16	46	6430	3.18	23	< 1	2.85	1.73	11	152	321	0.52	43	0.135	43	< 5
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
GXR-4 Meas	3.4	6.34	110	292	2	27	1.06	0.4	15	47	6440	3.07	22	1	4.12	1.67	10	202	313	0.49	43	0.127	49	< 5
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
GXR-4 Meas	3.5	6.99	106	172	2	19	1.06	0.4	16	39	6490	3.09	22	1	3.90	1.72	11	153	314	0.52	43	0.131	44	6
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
SDC-1 Meas	< 0.3	7.68	< 3	630	3	< 2	1.01	< 0.3	20	58	28	4.80	24	< 1	1.85	0.99	33	887	< 1	1.50	38	0.055	21	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.02	< 3	597	3	< 2	1.05	< 0.3	20	50	27	4.74	26	< 1	1.56	0.97	33	866	< 1	1.48	36	0.053	20	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.08	< 3	630	3	< 2	1.06	< 0.3	19	44	30	4.57	29	< 1	2.31	1.01	33	905	< 1	1.50	37	0.056	19	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.67	11	630	3	< 2	1.07	< 0.3	20	38	29	4.73	25	2	4.00	0.99	34	894	< 1	1.49	39	0.054	14	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SCO-1 Meas	0.3	7.19	8	635	2	< 2	1.96	0.3	12	54	28	3.65	23		2.26	1.58	42	396	< 1	0.69	30	0.084	29	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	7.15	13	518	2	< 2	1.93	< 0.3	12	51	27	3.58	21		1.40	1.56	41	385	< 1	0.65	29	0.083	25	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	7.19	10	586	2	< 2	1.89	0.4	11	52	28	3.50	24		2.60	1.63	43	423	< 1	0.67	30	0.085	24	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	7.38	5	558	2	< 2	1.92	< 0.3	12	44	28	3.52	21		3.24	1.58	43	383	< 1	0.66	29	0.082	25	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
GXR-6 Meas	0.5	13.2	294	> 1000	1	3	0.18	0.6	15	54	67	5.69	33	< 1	2.26	0.61	33	1070	4	0.10	27	0.038	93	5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.4	12.6	240	> 1000	1	< 2	0.16	0.4	16	62	85	5.63	31	< 1	1.82	0.58	31	1080	1	0.09	27	0.034	92	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.5	12.9	300	> 1000	1	< 2	0.17	0.5	15	63	72	5.77	34	5	2.30	0.62	33	1190	< 1	0.09	30	0.038	98	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.4	14.5	306	> 1000	1	< 2	0.20	0.4	15	59	66	5.70	37	2	2.28	0.64	37	1070	< 1	0.10	29	0.038	90	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
PTC-1a Meas																								
PTC-1a Cert																								
OREAS 14P Meas																								
OREAS 14P Cert																								
MP-1b Meas																								
MP-1b Cert																								
SAR-M (U.S.G.S.) Meas	4.3	6.24	35	849	3	< 2	0.63	5.6	13	84	321	3.31	20		2.69	0.49	29	5260	12	1.19	52	0.068	997	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.7	6.06	28	794	3	< 2	0.65	4.6	12	77	316	3.37	21		2.71	0.49	30	4530	5	1.15	52	0.063	897	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.3	5.87	31	818	3	< 2	0.64	4.8	11		317	3.31	22		3.47	0.52	30	4910	4	1.19	51	0.065	952	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.3	6.54	22	811	3	< 2	0.65	5.7	13		318	3.24	21		3.88	0.49	30	5350	5	1.19	48	0.064	1010	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
DNC-1a Meas				93					55	177	93						4				246			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				92					54	117	91						4				239			< 5

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				100					56	125	99						5				251			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				93					55	119	92						4				246			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
OREAS 13b (4-Acid) Meas																								
OREAS 13b (4-Acid) Cert																								
CCu-1d Meas																								
CCu-1d Cert																								
CPB-2 Meas																								
CPB-2 Cert																								
CZN-4 Meas																								
CZN-4 Cert																								
81463 Orig	< 0.3	9.44	< 3	470	2	< 2	0.07	< 0.3	12	60	30	5.33	27	< 1	3.94	1.33	42	211	< 1	0.19	35	0.016	< 3	< 5
81463 Dup	< 0.3	8.93	< 3	476	2	< 2	0.07	< 0.3	13	60	33	5.23	29	1	3.97	1.33	41	205	< 1	0.19	36	0.015	5	< 5
81477 Orig	< 0.3	8.93	< 3	472	2	< 2	0.12	< 0.3	12	57	23	3.82	26	1	4.35	0.93	40	274	< 1	0.25	33	0.014	< 3	< 5
81477 Dup	0.4	8.88	< 3	467	2	< 2	0.12	< 0.3	10	54	25	3.78	25	< 1	4.18	0.92	39	277	< 1	0.25	32	0.013	6	< 5
81480 Orig	< 0.3	7.05	< 3	254	2	< 2	0.35	0.5	20	89	68	7.54	24	< 1	1.85	1.24	40	493	2	0.10	60	0.019	5	< 5
81480 Split	0.4	10.8	5	417	2	< 2	0.41	0.4	20	89	68	7.98	24	< 1	2.82	1.70	43	516	2	0.11	58	0.023	7	< 5
81501 Orig	< 0.3	0.02	< 3	< 7	< 1	< 2	0.02	< 0.3	< 1	3	6	0.50	< 1	< 1	< 0.01	0.03	7	92	< 1	< 0.01	< 1	< 0.001	< 3	< 5
81501 Split	< 0.3	0.06	< 3	< 7	< 1	< 2	0.02	< 0.3	< 1	6	8	0.67	< 1	< 1	< 0.01	0.04	7	105	< 1	< 0.01	3	< 0.001	< 3	< 5
81502 Orig	< 0.3	0.06	9	< 7	< 1	2	1.03	1.1	5	3	4	26.5	3	< 1	0.03	3.47	< 1	7000	< 1	0.01	5	0.009	3	< 5
81502 Dup	< 0.3	0.07	7	< 7	< 1	2	1.03	1.1	5	4	4	26.7	2	3	0.03	3.48	< 1	6980	< 1	0.01	5	0.010	7	< 5
81510 Orig	< 0.3	0.37	17	< 7	2	< 2	1.74	0.6	5	15	3	22.3	6	< 1	0.07	3.37	2	8660	< 1	< 0.01	9	0.103	< 3	< 5
81510 Split	< 0.3	0.39	16	< 7	2	2	1.77	0.8	5	12	3	22.8	7	< 1	0.07	3.51	2	9000	< 1	< 0.01	9	0.113	< 3	< 5
81516 Orig	1.2	7.18	83	200	1	< 2	1.68	4.5	22	60	84	11.0	22	1	3.52	1.06	22	551	28	0.18	137	0.039	33	12
81516 Dup	1.1	6.98	78	194	1	< 2	1.65	4.3	21	57	82	10.8	22	1	3.43	1.03	22	537	28	0.18	134	0.038	28	6
81540 Orig	2.9	2.01	105	79	1	< 2	1.85	15.4	12	34	290	11.9	13	< 1	1.03	1.01	14	1820	139	0.03	262	0.212	75	15
81540 Split	2.9	1.94	93	82	2	5	1.76	14.5	12	34	276	11.4	13	< 1	0.93	0.97	13	1770	133	0.03	249	0.210	71	12
81542 Orig	1.0	8.07	83	214	3	< 2	1.52	5.8	17	84	167	9.91	25	< 1	4.28	1.16	34	828	18	0.14	149	0.034	21	< 5
81542 Dup	1.2	8.11	82	209	3	< 2	1.53	5.9	18	82	164	10.2	25	< 1	4.38	1.17	34	854	17	0.14	151	0.034	25	< 5
81552 Orig	1.1	8.05	100	83	2	< 2	0.98	4.4	23	68	106	10.5	24	< 1	3.34	0.83	26	508	14	1.19	150	0.022	32	6
81552 Split	1.1	8.14	97	104	2	< 2	0.96	4.3	24	56	105	10.7	25	< 1	3.48	0.84	27	499	15	1.21	153	0.023	36	6
81556 Orig	3.0	2.69	163	61	2	< 2	1.18	19.6	35	49	240	15.9	15	1	1.33	0.75	13	1200	135	0.04	360	0.143	106	15
81556 Dup	3.0	2.60	157	60	1	< 2	1.15	19.3	35	52	239	15.4	14	< 1	1.29	0.73	13	1160	130	0.04	350	0.138	106	18
81570 Orig	1.4	5.32	159	181	2	< 2	1.38	9.3	23	54	81	14.2	17	< 1	2.80	0.86	26	362	34	0.09	170	0.032	74	9
81570 Split	1.4	5.56	163	150	2	< 2	1.43	9.4	21	58	83	14.7	18	< 1	2.83	0.89	27	396	36	0.09	175	0.034	80	11
81580 Orig	< 0.3	2.42	< 3	180	2	< 2	1.82	1.9	9	37	60	18.5	11	< 1	1.22	2.22	10	4570	3	0.05	31	0.236	10	< 5
81580 Dup	0.4	2.54	3	179	2	3	1.89	2.0	10	61	61	19.5	10	< 1	1.32	2.32	10	4740	4	0.05	32	0.249	8	< 5
81594 Orig	< 0.3	0.08	< 3	< 7	< 1	< 2	2.70	0.3	< 1	45	5	8.77	5	< 1	0.01	2.15	2	1480	2	< 0.01	6	0.017	< 3	< 5
81594 Dup	< 0.3	0.08	< 3	< 7	< 1	3	2.73	0.3	< 1	47	6	8.94	7	< 1	0.01	2.19	2	1520	2	< 0.01	7	0.016	< 3	< 5
81596 Orig	0.5	0.45	< 3	8	< 1	< 2	2.28	0.9	6	35	4	18.3	9	< 1	0.03	2.86	10	10000	1	< 0.01	10	0.033	< 3	< 5
81596 Split	< 0.3	0.46	< 3	8	< 1	< 2	2.33	1.0	9	41	4	18.8	9	< 1	0.03	2.94	11	10200	1	< 0.01	11	0.034	3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	0.02	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1			< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		1	< 0.01	< 1	< 0.001	< 3	< 5

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank																								

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
GXR-1 Meas	0.24	< 4	287	13		< 5	30	88	156	27	718	26				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-1 Meas	0.22	< 4	271	13		< 5	30	82	171	25	658	36				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-1 Meas	0.26	< 4	292	13		< 5	30	94	165	26	771	27				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-1 Meas	0.25	< 4	277	13		< 5	30	85	157	27	709	27				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-4 Meas	1.76	9	219	2		< 5	< 10	93	39	13	72	53				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
GXR-4 Meas	1.81	9	223	< 2		< 5	< 10	95	36	13	74	46				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
GXR-4 Meas	1.75	8	214	< 2		< 5	< 10	89	59	12	78	44				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
GXR-4 Meas	1.74	8	216	4		< 5	< 10	96	38	13	69	48				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
SDC-1 Meas	0.07	16	163		0.37	< 5	< 10	78	< 5	31	99	54				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.06	17	168		0.28	< 5	< 10	65	< 5	31	99	47				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.07	16	172		0.34	< 5	< 10	68	< 5	30	103	47				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.07	16	174		0.17	< 5	< 10	47	< 5	32	98	39				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SCO-1 Meas	0.08	13	162		0.32			133	< 5	19	98	112				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	13	159		0.35			137	< 5	19	97	118				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	13	161		0.37			136	< 5	18	102	117				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	13	160		0.33			132	< 5	19	95	112				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
GXR-6 Meas	0.02	32	42	13		< 5	< 10	199	< 5	13	129	118				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	30	38	7		< 5	< 10	136	< 5	13	130	81				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	32	38	2		< 5	< 10	176	6	13	136	103				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	33	43	< 2		< 5	< 10	173	< 5	14	129	106				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
PTC-1a Meas													54	13.7		0.055
PTC-1a Cert													56.0	13.51		0.05
OREAS 14P Meas														0.964		
OREAS 14P Cert														0.997		
MP-1b Meas													48	3.00	17.1	2.07
MP-1b Cert													47.0	3.069	16.67	2.091
SAR-M (U.S.G.S.) Meas		10	155	3	0.40	< 5	< 10	74	16	33	965					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		10	151	< 2	0.28	< 5	< 10	60	12	36	821					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		10	148	< 2	0.24	< 5	< 10	55	13	35	901					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		9	155	5	0.26	< 5	< 10	56	12	34	975					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
DNC-1a Meas		31	124					141		14	54	36				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		30	123					139		14	55	35				

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		31	128					141		14	57	36				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		31	118					138		14	50	36				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
OREAS 13b (4-Acid) Meas													< 3	0.241	0.034	
OREAS 13b (4-Acid) Cert													0.86	0.230	0	
CCu-1d Meas													122	24.5	2.63	0.256
CCu-1d Cert													120.7	23.93	2.63	0.262
CPB-2 Meas														0.130		
CPB-2 Cert														0.1213		
CZN-4 Meas													50	0.402	55.9	0.185
CZN-4 Cert													51.4	0.403	55.24	0.1861
81463 Orig	0.40	12	20	4	0.31	< 5	< 10	90	< 5	6	76	88				
81463 Dup	0.39	12	20	6	0.29	< 5	< 10	87	< 5	6	76	84				
81477 Orig	0.08	11	40	6	0.22	< 5	< 10	58	< 5	6	70	101				
81477 Dup	0.08	11	40	8	0.22	< 5	< 10	57	< 5	6	70	102				
81480 Orig	1.61	12	34	3	0.29	< 5	< 10	256	< 5	6	140	80				
81480 Split	1.66	18	46	4	0.30	< 5	< 10	239	< 5	13	136	82				
81501 Orig	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	6	< 5				
81501 Split	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	7	< 5				
81502 Orig	0.04	< 4	9	3	< 0.01	< 5	< 10	14	< 5	7	8	9				
81502 Dup	0.04	< 4	9	3	< 0.01	< 5	< 10	16	< 5	7	6	9				
81510 Orig	0.06	< 4	19	2	0.03	< 5	< 10	27	< 5	14	6	18				
81510 Split	0.06	< 4	20	9	0.03	< 5	< 10	30	< 5	15	10	19				
81516 Orig	8.19	14	49	5	0.30	< 5	20	372	8	18	758	118				
81516 Dup	8.12	14	48	< 2	0.29	< 5	20	363	7	18	748	115				
81540 Orig	6.14	5	43	7	0.09	< 5	50	1270	5	39	1910	55				
81540 Split	5.58	5	42	3	0.08	< 5	50	1220	< 5	31	1820	53				
81542 Orig	7.31	18	53	4	0.33	< 5	< 10	275	9	17	788	176				
81542 Dup	7.35	18	52	3	0.34	5	10	276	9	18	789	177				
81552 Orig	8.53	15	53	< 2	0.38	< 5	< 10	228	8	19	611	169				
81552 Split	8.80	15	55	4	0.39	< 5	10	232	7	19	606	173				
81556 Orig	12.0	7	36	< 2	0.11	< 5	60	1530	6	41	2750	57				
81556 Dup	11.6	7	35	7	0.11	< 5	60	1490	< 5	40	2700	56				
81570 Orig	12.9	11	39	5	0.20	< 5	20	368	10	13	1330	90				
81570 Split	13.6	12	41	2	0.20	< 5	20	381	9	14	1370	93				
81580 Orig	1.23	5	68	< 2	0.08	< 5	< 10	94	< 5	11	226	36				
81580 Dup	1.18	5	71	3	0.07	< 5	< 10	100	6	12	236	42				
81594 Orig	0.28	< 4	25	< 2	< 0.01	< 5	< 10	11	< 5	3	7	< 5				
81594 Dup	0.30	< 4	26	< 2	< 0.01	< 5	< 10	10	< 5	3	7	< 5				
81596 Orig	0.12	< 4	26	< 2	0.04	< 5	< 10	35	< 5	5	15	22				
81596 Split	0.13	< 4	27	< 2	0.04	< 5	< 10	36	< 5	5	14	22				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	3	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	10	< 1	< 1	< 5				

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank													< 3	< 0.001	< 0.001	< 0.003

Quality Analysis ... *Innovative Technologies*

Date Submitted: 25-Oct-12
Invoice No.: A12-11565 (i)
Invoice Date: 02-Nov-12
Your Reference: KAN BATCH #4

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

166 Rock samples were submitted for analysis.

The following analytical packages were requested:
Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code Weight Report Received(kg) & Pulp(g) weights

REPORT **A12-11565 (i)**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au	Received Weight
Unit Symbol	ppb	g/tonne	g
Detection Limit	5	0.03	
Analysis Method	FA-AA	FA-GRA	none
81626	< 5		254
81627	< 5		2620
81628	< 5		2780
81629	< 5		3190
81630	24		1490
81631	< 5		3010
81632	237		2990
81633	63		2850
81634	< 5		2360
81635	10		1780
81636	8		2630
81637	13		2490
81638	9		2910
81639	9		2920
81640	< 5		2890
81641	< 5		3020
81642	< 5		2800
81643	8		2780
81644	< 5		2940
81645	< 5		2810
81646	< 5		3080
81647	< 5		3170
81648	< 5		1330
81649	< 5		1470
81650	2010		23.0
81651	< 5		250
81652	< 5		2850
81653	< 5		2870
81654	14		3140
81655	24		3310
81656	34		3100
81657	70		3540
81658	23		3840
81659	23		2580
81660	< 5		3190
81661	< 5		2900
81662	< 5		2890
81663	< 5		3010
81664	196		3410
81665	< 5		3380
81666	152		3400
81667	< 5		3410
81668	81		3010
81669	353		3480
81670	727		3660
81671	1630		3540
81672	313		3230
81673	15		1340
81674	18		1330
81675	1920		27.0
81676	< 5		259

Analyte Symbol	Au	Au	Received Weight
Unit Symbol	ppb	g/tonne	g
Detection Limit	5	0.03	
Analysis Method	FA-AA	FA-GRA	none
81677	9		3040
81678	< 5		3370
81679	< 5		3780
81680	< 5		2990
81681	12		3770
81682	7		2780
81683	6		3190
81684	12		1630
81685	60		2680
81686	42		2320
81687	6		3420
81688	24		3030
81689	7		3320
81690	< 5		2440
81691	8		3000
81692	< 5		2920
81693	< 5		2100
81694	< 5		1820
81695	28		3290
81696	< 5		2960
81697	274		2900
81698	2837		1410
81699	1150		1500
81700	1910		22.0
81701	< 5		266
81702	2600		3380
81703	122		3180
81704	195		3270
81705	> 3000	3.03	3620
81706	< 5		3690
81707	32		3840
81708	< 5		3650
81709	< 5		3690
81710	< 5		3650
81711	6		3540
81712	< 5		3430
81713	< 5		3550
81714	187		3670
81715	> 3000	3.17	3870
81716	9		3490
81717	45		3290
81718	10		3450
81719	8		3520
81720	< 5		3240
81721	< 5		3320
81722	< 5		3590
81723	< 5		1680
81724	< 5		1690
81725	2100		25.0
81726	< 5		255
81727	< 5		2850

Analyte Symbol	Au	Au	Received Weight
Unit Symbol	ppb	g/tonne	g
Detection Limit	5	0.03	
Analysis Method	FA-AA	FA-GRA	none
81728	< 5		2670
81729	< 5		2840
81730	< 5		2890
81731	< 5		3310
81732	5		3270
81733	< 5		3320
81734	< 5		2170
81735	< 5		2120
81736	13		2820
81737	31		2890
81738	6		3120
81739	39		3040
81740	11		2900
81741	8		2790
81742	17		2720
81743	14		2790
81744	18		2720
81745	15		2740
81746	8		2480
81747	21		3220
81748	38		1390
81749	29		1430
81750	2120		19.0
81751	< 5		214
81752	22		3060
81753	51		3200
81754	26		2560
81755	26		3340
81756	22		2780
81757	38		2830
81758	43		2500
81759	36		2620
81760	13		2990
81761	9		3030
81762	24		2690
81763	25		2970
81764	42		3050
81765	49		3140
81766	63		3220
81767	76		3130
81768	81		3310
81769	40		2930
81770	15		2900
81771	21		2840
81772	26		2950
81773	20		1470
81774	12		1520
81775	2010		18.0
81776	< 5		242
81777	80		2790
81778	40		3160

Analyte Symbol	Au	Au	Received Weight
Unit Symbol	ppb	g/tonne	g
Detection Limit	5	0.03	
Analysis Method	FA-AA	FA-GRA	none
81779	32		3080
81780	56		3030
81781	32		2610
81782	30		2060
81783	31		2030
81784	< 5		3180
81785	< 5		3030
81786	< 5		2760
81787	< 5		3030
81788	< 5		2860
81789	6		2810
81790	< 5		2330
81791	< 5		2130

Quality Control

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
CDN-GS-10D Meas		9.40
CDN-GS-10D Cert		9.50
CDN-GS-P3C Meas	249	
CDN-GS-P3C Cert	263.00	
CDN-GS-P3C Meas	266	
CDN-GS-P3C Cert	263.00	
CDN-GS-P3C Meas	266	
CDN-GS-P3C Cert	263.00	
CDN-GS-P3C Meas	251	
CDN-GS-P3C Cert	263.00	
CDN-GS-P3C Meas	242	
CDN-GS-P3C Cert	263.00	
CDN-GS-P3C Meas	235	
CDN-GS-P3C Cert	263.00	
CDN-GS-1L Meas	1080	
CDN-GS-1L Cert	1160.00	
CDN-GS-1L Meas	1180	
CDN-GS-1L Cert	1160.00	
CDN-GS-1L Meas	1030	
CDN-GS-1L Cert	1160.00	
CDN-GS-1L Meas	1140	
CDN-GS-1L Cert	1160.00	
CDN-GS-1L Meas	1120	
CDN-GS-1L Cert	1160.00	
81635 Orig	10	
81635 Dup	11	
81645 Orig	< 5	
81645 Dup	< 5	
81655 Orig	24	
81655 Split	22	
81655 Orig	25	
81655 Dup	23	
81670 Orig	786	
81670 Dup	668	
81677 Orig	9	
81677 Split	9	
81680 Orig	5	
81680 Dup	< 5	
81685 Orig	60	
81685 Split	66	
81690 Orig	< 5	
81715 Orig	> 3000	3.17
81715 Split	> 3000	3.54
81724 Orig	< 5	
81724 Split	6	
81725 Orig	2040	
81725 Dup	2150	
81740 Orig	13	
81740 Dup	9	
81745 Orig	15	
81745 Split	7	
81750 Orig	2140	
81750 Dup	2100	
81760 Orig	12	
81760 Dup	14	
81774 Orig	12	
81774 Split	14	

Quality Control

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
81775 Orig	1970	
81775 Dup	2050	
81777 Orig	80	
81777 Split	63	
81785 Orig	7	
81785 Dup	< 5	
81791 Orig	< 5	
81791 Split	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 25-Oct-12
Invoice No.: A12-11565-ICP
Invoice Date: 19-Nov-12
Your Reference: KAN BATCH #4

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

166 Rock samples were submitted for analysis.

The following analytical packages were requested:

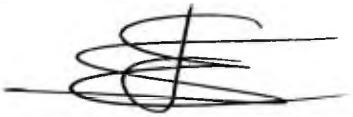
REPORT **A12-11565-ICP**

Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code 8-4 Acid Total Digestion Code 8-4 Acid Total Digestion Assays
Code Weight Report Received(kg) & Pulp(g) weights

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

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Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81626	< 0.3	0.04	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	3	4	0.33	< 1	< 1	< 0.01	0.02	8	74	< 1	< 0.01	1	< 0.001	< 3	< 5
81627	< 0.3	2.96	29	8	< 1	< 2	0.38	0.4	6	21	34	9.26	19	< 1	0.18	1.70	29	790	3	0.02	16	0.038	< 3	< 5
81628	< 0.3	3.81	< 3	< 7	< 1	3	1.16	0.7	4	7	2260	12.2	21	< 1	0.13	2.64	40	2620	< 1	0.01	7	0.054	< 3	< 5
81629	< 0.3	3.08	< 3	15	< 1	2	1.86	0.9	7	44	29	18.0	14	< 1	0.25	3.13	30	5730	< 1	0.01	22	0.058	4	< 5
81630	0.9	3.70	< 3	110	1	< 2	1.59	0.8	16	44	138	18.6	14	< 1	1.15	1.83	25	1820	6	0.03	56	0.020	10	< 5
81631	< 0.3	2.52	22	15	< 1	< 2	3.20	0.5	6	9	86	14.5	14	< 1	0.18	2.84	25	2590	2	< 0.01	20	0.055	6	5
81632	< 0.3	1.33	< 3	< 7	< 1	< 2	4.51	0.8	5	13	23	17.2	12	< 1	0.01	3.43	14	6440	< 1	< 0.01	9	0.037	4	< 5
81633	< 0.3	0.62	< 3	< 7	< 1	< 2	3.53	0.7	7	13	27	16.1	10	< 1	0.02	2.57	4	7700	< 1	< 0.01	9	0.029	4	< 5
81634	< 0.3	1.06	< 3	13	< 1	< 2	1.86	1.1	9	26	17	20.3	9	< 1	0.23	2.81	6	9590	< 1	< 0.01	14	0.043	3	< 5
81635	0.5	8.10	4	286	4	< 2	0.38	0.6	20	79	60	8.47	26	1	5.13	1.27	43	659	4	0.05	60	0.027	6	< 5
81636	0.5	7.30	< 3	305	2	< 2	0.18	1.3	17	61	63	7.22	23	2	3.82	1.08	35	391	2	0.04	47	0.019	6	< 5
81637	0.5	8.45	12	294	2	< 2	0.21	2.0	21	67	98	8.80	26	< 1	5.73	1.16	40	400	3	0.04	64	0.017	11	< 5
81638	0.5	8.60	12	408	2	< 2	0.41	1.6	21	56	65	8.10	27	< 1	5.81	1.34	43	423	4	0.04	66	0.015	11	< 5
81639	0.4	8.90	23	314	2	< 2	0.17	2.0	21	79	58	7.96	27	1	5.35	1.38	44	316	3	0.04	55	0.014	7	< 5
81640	< 0.3	0.35	5	8	< 1	< 2	1.78	0.8	7	10	6	21.3	8	< 1	0.08	3.16	2	9440	< 1	< 0.01	9	0.037	< 3	< 5
81641	< 0.3	0.36	4	< 7	< 1	< 2	1.78	0.8	6	40	6	21.2	8	< 1	0.06	3.10	2	9590	< 1	< 0.01	9	0.043	< 3	< 5
81642	< 0.3	0.28	5	< 7	< 1	< 2	1.55	1.0	5	8	3	22.1	7	< 1	0.04	3.19	1	9480	< 1	< 0.01	9	0.041	< 3	< 5
81643	< 0.3	0.29	3	< 7	< 1	< 2	2.73	0.9	5	11	3	21.8	7	< 1	0.04	3.29	1	9790	< 1	< 0.01	9	0.049	< 3	< 5
81644	< 0.3	0.24	< 3	< 7	< 1	2	3.57	0.9	6	8	2	20.1	8	< 1	0.02	3.17	1	8420	< 1	< 0.01	7	0.038	< 3	< 5
81645	< 0.3	0.21	< 3	< 7	< 1	2	2.12	0.9	6	26	6	19.9	8	< 1	0.02	2.79	1	6880	< 1	< 0.01	7	0.019	< 3	< 5
81646	< 0.3	0.22	< 3	< 7	< 1	< 2	1.64	1.0	4	8	3	22.0	7	< 1	0.02	3.01	1	6820	< 1	< 0.01	8	0.015	3	< 5
81647	< 0.3	0.25	< 3	< 7	< 1	< 2	2.39	0.9	4	9	3	18.6	9	< 1	0.03	3.02	2	5210	< 1	< 0.01	7	0.018	< 3	< 5
81648	< 0.3	0.22	< 3	< 7	< 1	< 2	6.21	1.2	1	6	3	13.9	9	< 1	0.03	3.63	4	3910	< 1	< 0.01	5	0.010	3	< 5
81649	< 0.3	0.19	< 3	< 7	< 1	< 2	6.16	0.8	2	11	3	13.9	9	< 1	0.02	3.61	3	3930	< 1	< 0.01	6	0.010	< 3	< 5
81650	> 100	1.28	860	116	< 1	46	1.74	508	32	25	> 10000	15.9	18	15	0.42	0.79	6	368	30	0.02	62	0.038	> 5000	202
81651	< 0.3	0.02	< 3	< 7	< 1	< 2	0.07	< 0.3	< 1	48	8	0.43	< 1	< 1	< 0.01	0.05	7	122	< 1	< 0.01	< 1	< 0.001	5	< 5
81652	< 0.3	0.16	< 3	< 7	< 1	< 2	7.61	0.4	2	7	2	14.9	9	< 1	0.01	4.47	3	4100	< 1	< 0.01	4	0.008	3	5
81653	< 0.3	0.27	< 3	< 7	< 1	< 2	5.76	0.6	2	5	7	14.3	10	< 1	0.02	3.46	5	3550	< 1	0.02	7	0.015	5	< 5
81654	0.4	0.25	44	< 7	< 1	< 2	2.30	0.5	10	5	111	17.3	9	< 1	0.10	2.50	2	5500	< 1	0.02	35	0.022	13	< 5
81655	1.2	2.95	3	76	2	< 2	0.99	1.3	25	49	265	22.4	10	< 1	1.55	1.43	17	1910	11	0.04	93	0.043	28	< 5
81656	1.2	2.68	< 3	59	2	< 2	0.88	2.1	37	52	262	23.7	9	4	1.51	1.37	17	1840	10	0.04	96	0.033	48	< 5
81657	2.0	2.96	< 3	75	2	< 2	0.14	3.8	41	52	481	33.3	< 1	3	1.63	0.53	18	483	13	0.03	146	0.016	86	7
81658	1.0	2.67	4	75	2	< 2	0.85	1.7	21	46	238	22.5	11	3	1.25	1.48	19	1760	11	0.03	93	0.043	29	6
81659	0.6	2.04	< 3	69	1	< 2	0.87	1.0	41	43	138	14.4	12	< 1	0.92	1.00	13	1290	9	0.03	56	0.029	18	5
81660	< 0.3	0.24	17	< 7	< 1	< 2	1.08	0.6	1	6	14	18.2	9	< 1	0.03	2.47	2	3960	1	0.03	13	0.025	< 3	< 5
81661	< 0.3	0.17	< 3	8	< 1	< 2	7.80	0.7	< 1	5	2	14.5	9	< 1	0.04	4.38	2	3800	< 1	< 0.01	4	0.011	3	< 5
81662	< 0.3	0.22	< 3	9	< 1	< 2	5.89	0.8	3	8	4	13.2	9	< 1	0.05	3.43	2	3790	< 1	< 0.01	9	0.008	< 3	< 5
81663	< 0.3	0.18	< 3	< 7	< 1	< 2	2.91	0.8	2	6	3	15.3	10	< 1	0.02	2.99	2	4030	< 1	< 0.01	5	0.009	3	< 5
81664	< 0.3	0.28	< 3	< 7	< 1	< 2	3.28	0.9	4	8	5	18.9	9	< 1	0.03	3.03	2	5580	< 1	< 0.01	9	0.019	3	< 5
81665	< 0.3	0.26	< 3	10	< 1	< 2	4.99	0.9	4	5	3	19.1	9	< 1	0.06	3.60	3	8290	< 1	< 0.01	5	0.038	4	< 5
81666	< 0.3	0.11	< 3	7	< 1	< 2	2.01	1.4	6	3	3	24.3	6	< 1	0.04	3.84	1	6640	< 1	< 0.01	6	0.009	6	< 5
81667	< 0.3	0.06	< 3	< 7	< 1	< 2	1.18	1.2	5	4	2	23.1	6	< 1	0.02	3.77	< 1	7180	< 1	< 0.01	5	0.003	< 3	< 5
81668	< 0.3	0.35	< 3	16	< 1	< 2	2.36	0.9	7	2	11	15.8	9	< 1	0.09	2.57	3	8280	< 1	0.01	4	0.005	< 3	< 5
81669	< 0.3	0.19	< 3	12	< 1	< 2	1.38	1.1	16	2	18	24.1	5	< 1	0.07	3.11	2	9370	< 1	< 0.01	7	0.005	8	< 5
81670	< 0.3	0.68	< 3	30	< 1	2	1.67	1.4	36	13	42	24.1	5	3	0.22	2.80	5	6930	< 1	0.01	9	0.004	4	< 5
81671	0.4	0.48	< 3	19	< 1	< 2	1.66	1.2	6	9	10	24.5	5	3	0.16	3.33	4	7090	< 1	< 0.01	5	0.009	4	< 5
81672	< 0.3	1.15	102	48	< 1	< 2	2.80	1.1	9	21	46	25.2	6	< 1	0.62	2.93	9	9160	1	0.04	14	0.022	8	< 5
81673	0.3	7.11	< 3	115	4	< 2	0.34	0.6	23	99	31	10.7	24	< 1	4.95	1.44	55	283	< 1	0.14	58	0.032	9	< 5
81674	0.4	7.03	< 3	250	4	< 2	0.33	0.5	23	98	28	10.3	24	< 1	4.99	1.40	53	252	< 1	0.30	61	0.022	11	< 5
81675	> 100	1.35	888	117	< 1	40	1.87	514	33	22	> 10000	16.7	18	13	0.44	0.85	6	391	32	0.02	65	0.039	> 5000	120
81676	< 0.3	0.03	< 3	< 7	< 1	< 2	0.02	< 0.3	< 1	8	3	0.22	< 1	< 1	< 0.01	0.01	6	39	< 1	< 0.01	< 1	< 0.001	< 3	< 5
81677	0.5	6.00	< 3	239	4	< 2	0.93	0.9	23	78	33	11.4	23	< 1	4.34	1.47	52	1160	< 1	0.03	58	0.040	9	8

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81678	< 0.3	7.10	< 3	267	3	< 2	0.25	0.6	24	100	21	11.6	24	1	5.89	1.70	64	702	< 1	0.03	52	0.025	6	< 5
81679	< 0.3	6.11	27	175	< 1	< 2	5.08	0.5	37	136	120	8.24	20	< 1	2.13	3.46	30	1120	< 1	0.59	73	0.031	< 3	< 5
81680	< 0.3	6.10	23	93	< 1	< 2	5.39	0.5	51	125	131	7.96	19	< 1	1.47	3.82	32	1040	< 1	0.85	117	0.024	7	< 5
81681	0.3	6.60	32	156	< 1	< 2	4.00	0.5	45	124	100	9.10	21	< 1	1.84	3.39	36	937	< 1	0.69	94	0.026	4	< 5
81682	< 0.3	9.28	3	505	3	< 2	0.17	1.4	18	78	73	6.46	29	< 1	6.00	1.29	53	186	2	0.05	57	0.023	3	< 5
81683	< 0.3	8.49	8	337	3	< 2	0.36	1.3	20	74	58	7.34	26	< 1	5.46	1.29	49	534	1	0.05	54	0.021	5	< 5
81684	0.4	7.11	< 3	209	3	< 2	0.41	0.5	20	83	54	11.8	25	< 1	4.28	1.65	47	643	3	0.03	54	0.020	7	< 5
81685	1.4	4.34	< 3	167	2	3	0.45	2.8	30	62	206	25.0	10	4	2.49	0.85	30	740	13	0.18	127	0.020	36	< 5
81686	1.1	5.30	< 3	227	2	< 2	0.33	3.6	31	81	204	21.7	15	< 1	3.11	0.88	38	663	17	0.10	108	0.020	28	< 5
81687	< 0.3	0.51	79	27	< 1	2	3.35	0.6	6	10	14	21.3	8	< 1	0.17	3.35	5	5230	2	< 0.01	14	0.033	4	< 5
81688	< 0.3	0.13	11	8	< 1	< 2	2.89	0.7	3	3	31	19.6	8	< 1	0.04	3.44	2	4880	< 1	< 0.01	5	0.024	4	< 5
81689	< 0.3	0.20	4	< 7	1	< 2	1.67	1.2	7	7	2	23.7	6	< 1	0.04	3.26	< 1	7410	< 1	< 0.01	7	0.026	6	< 5
81690	< 0.3	0.14	< 3	< 7	< 1	< 2	2.09	0.9	4	4	2	21.5	7	< 1	0.01	2.84	< 1	6750	< 1	< 0.01	7	0.029	4	< 5
81691	0.4	0.19	9	< 7	< 1	< 2	1.53	0.8	5	7	3	22.3	8	< 1	0.01	3.11	< 1	8330	< 1	< 0.01	7	0.023	< 3	< 5
81692	< 0.3	0.24	3	< 7	< 1	< 2	1.87	1.0	4	8	2	23.8	7	< 1	0.04	3.75	< 1	7950	< 1	0.01	9	0.031	< 3	< 5
81693	0.4	0.55	3	< 7	< 1	2	3.63	1.0	9	17	4	22.7	7	< 1	0.01	3.84	2	11300	< 1	< 0.01	11	0.066	6	< 5
81694	< 0.3	0.52	23	< 7	< 1	< 2	3.58	0.5	8	9	5	20.8	8	< 1	0.02	3.59	2	13000	< 1	< 0.01	10	0.071	7	< 5
81695	< 0.3	0.23	< 3	< 7	< 1	< 2	2.04	0.9	8	5	2	23.2	6	2	0.03	3.75	1	11400	< 1	0.01	8	0.035	4	< 5
81696	< 0.3	0.07	< 3	< 7	< 1	2	1.68	1.0	5	5	2	21.8	6	< 1	0.02	3.41	< 1	9740	< 1	0.02	4	0.006	7	< 5
81697	< 0.3	0.14	< 3	< 7	< 1	< 2	1.44	1.1	6	3	2	23.5	6	< 1	0.03	3.44	< 1	11700	< 1	0.01	4	0.004	4	< 5
81698	0.8	0.30	< 3	11	< 1	< 2	1.78	1.1	8	3	7	20.4	8	< 1	0.08	2.77	3	8510	< 1	< 0.01	3	0.005	4	< 5
81699	< 0.3	0.27	4	12	< 1	3	1.60	1.7	9	7	17	22.0	8	2	0.09	3.07	3	9920	< 1	< 0.01	4	0.004	15	< 5
81700	> 100	1.27	961	212	< 1	29	0.86	455	33	31	> 10000	15.9	19	18	0.47	0.85	6	418	34	0.02	64	0.039	> 5000	146
81701	< 0.3	0.02	5	< 7	< 1	< 2	0.06	< 0.3	< 1	2	5	0.27	< 1	< 1	< 0.01	0.04	7	103	1	< 0.01	1	< 0.001	< 3	< 5
81702	1.6	0.25	3	< 7	< 1	4	2.36	1.7	6	2	7	22.1	6	1	0.02	3.35	2	10500	< 1	< 0.01	4	0.002	11	< 5
81703	< 0.3	0.06	5	< 7	< 1	3	2.02	2.1	10	2	8	26.3	2	2	0.01	3.78	< 1	11500	< 1	< 0.01	5	0.009	12	< 5
81704	< 0.3	0.05	< 3	< 7	< 1	5	1.28	2.1	9	8	7	26.5	3	5	0.02	3.46	< 1	9330	< 1	< 0.01	3	0.005	16	6
81705	0.3	0.34	65	16	< 1	3	3.01	1.9	9	11	17	25.2	2	3	0.13	3.75	< 1	10100	< 1	0.04	4	0.009	14	5
81706	< 0.3	0.04	6	< 7	< 1	5	1.12	2.1	4	7	5	26.3	< 1	2	0.02	3.75	< 1	12900	< 1	< 0.01	5	0.022	13	< 5
81707	< 0.3	0.06	5	< 7	< 1	4	1.06	1.9	7	24	6	23.9	4	2	0.01	3.25	< 1	18600	< 1	0.01	5	0.021	14	7
81708	< 0.3	0.04	9	< 7	< 1	4	1.15	1.7	3	2	4	22.4	6	3	0.02	3.44	< 1	9860	< 1	< 0.01	3	0.018	12	< 5
81709	< 0.3	0.05	< 3	< 7	< 1	4	0.98	1.9	2	10	5	23.9	6	3	0.02	3.43	< 1	11700	< 1	0.02	4	0.014	12	< 5
81710	< 0.3	0.03	< 3	< 7	< 1	4	0.99	2.0	2	4	5	24.5	3	3	0.01	3.42	< 1	12900	< 1	< 0.01	4	0.018	13	< 5
81711	< 0.3	0.04	4	< 7	< 1	5	1.12	2.1	5	9	6	26.3	< 1	3	0.01	3.53	< 1	14300	< 1	0.01	6	0.018	14	< 5
81712	< 0.3	0.04	28	< 7	< 1	4	1.09	2.0	3	17	8	25.4	2	3	0.02	3.65	< 1	10100	< 1	< 0.01	4	0.014	12	8
81713	< 0.3	0.06	14	< 7	< 1	4	1.35	1.9	4	3	5	24.5	4	3	0.02	3.66	< 1	10000	< 1	< 0.01	4	0.013	12	< 5
81714	< 0.3	0.15	46	8	< 1	3	1.54	2.0	4	3	8	27.4	< 1	2	0.05	3.90	< 1	13200	< 1	0.03	6	0.010	16	6
81715	< 0.3	0.24	10	12	< 1	4	4.53	2.0	9	5	29	25.6	3	4	0.08	3.65	< 1	11100	< 1	0.03	5	0.012	15	7
81716	< 0.3	0.04	< 3	< 7	< 1	4	1.35	2.0	4	4	5	25.0	4	2	0.02	3.62	< 1	8030	< 1	< 0.01	2	0.008	13	< 5
81717	< 0.3	0.05	< 3	< 7	< 1	4	1.17	2.0	4	2	6	25.0	4	3	0.02	3.44	< 1	10100	< 1	< 0.01	4	0.014	14	< 5
81718	< 0.3	0.03	3	< 7	< 1	2	0.86	2.1	4	2	5	24.9	3	2	0.01	3.22	< 1	10000	< 1	< 0.01	3	0.014	11	< 5
81719	< 0.3	0.04	< 3	< 7	< 1	3	0.95	2.0	4	13	7	24.7	3	3	0.01	3.26	< 1	8960	< 1	< 0.01	5	0.017	12	< 5
81720	< 0.3	0.05	< 3	< 7	< 1	3	0.91	1.9	4	12	8	23.5	7	2	0.02	3.05	< 1	9780	< 1	< 0.01	4	0.017	11	< 5
81721	< 0.3	0.09	3	< 7	< 1	3	1.39	1.4	4	3	4	19.1	11	1	0.02	2.87	< 1	8400	< 1	< 0.01	2	0.010	12	< 5
81722	< 0.3	0.06	< 3	< 7	< 1	2	2.76	1.6	3	2	5	20.0	9	2	0.02	3.90	< 1	8180	< 1	< 0.01	4	0.010	12	< 5
81723	< 0.3	0.26	4	13	< 1	2	2.88	1.6	8	6	5	20.9	9	5	0.08	3.77	< 1	12500	< 1	0.03	9	0.023	10	< 5
81724	< 0.3	0.20	6	9	< 1	3	2.80	1.5	7	7	5	20.0	9	3	0.06	3.65	< 1	11800	< 1	0.02	8	0.017	10	< 5
81725	> 100	1.31	1020	221	< 1	48	1.90	539	34	28	> 10000	16.3	19	18	0.49	0.86	6	432	33	0.02	64	0.040	> 5000	198
81726	< 0.3	0.02	< 3	< 7	< 1	< 2	0.07	< 0.3	< 1	5	5	0.34	< 1	< 1	< 0.01	0.05	7	151	< 1	< 0.01	< 1	< 0.001	< 3	< 5
81727	< 0.3	0.37	17	13	< 1	2	2.21	1.5	12	8	5	20.3	8	2	0.09	3.41	< 1	14600	< 1	0.03	12	0.043	13	< 5
81728	< 0.3	0.54	16	7	< 1	2	2.81	1.5	8	23	8	19.6	10	3	0.03	3.37	2	15000	< 1	0.01	13	0.038	10	< 5
81729	< 0.3	0.35	6	< 7	< 1	3	5.43	1.2	5	12	5	16.3	12	2	< 0.01	3.58	2	12800	< 1	< 0.01	9	0.036	10	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81730	< 0.3	0.63	7	< 7	< 1	3	2.36	1.6	8	22	7	19.9	10	2	0.01	3.41	2	13200	< 1	< 0.01	13	0.041	10	< 5
81731	< 0.3	0.47	8	< 7	< 1	3	2.62	1.5	6	23	7	19.1	10	2	< 0.01	3.17	3	12200	< 1	< 0.01	10	0.032	10	< 5
81732	< 0.3	0.83	28	< 7	< 1	3	1.59	1.7	10	28	11	22.4	8	1	< 0.01	3.22	6	14400	< 1	< 0.01	18	0.050	11	< 5
81733	< 0.3	0.30	31	< 7	< 1	3	2.90	1.4	7	51	9	20.7	9	2	< 0.01	3.44	2	11300	< 1	< 0.01	9	0.030	10	< 5
81734	< 0.3	0.48	5	< 7	< 1	2	5.56	1.6	6	10	6	20.7	9	2	< 0.01	5.13	8	9650	< 1	< 0.01	9	0.049	10	< 5
81735	< 0.3	0.24	34	< 7	< 1	3	3.73	1.7	5	9	9	21.6	9	2	0.01	3.99	5	8170	< 1	< 0.01	10	0.027	10	< 5
81736	0.8	8.65	6	284	2	2	1.03	2.6	18	108	109	9.83	26	1	4.94	0.96	30	475	10	0.18	107	0.047	11	< 5
81737	1.1	8.33	9	56	2	< 2	0.09	5.2	22	126	274	12.9	26	2	4.91	0.51	28	105	11	0.18	171	0.035	15	< 5
81738	0.8	8.11	14	123	2	3	0.98	3.8	27	87	182	10.1	27	1	1.83	1.02	31	665	15	0.16	128	0.040	16	< 5
81739	2.4	4.32	42	98	1	< 2	2.23	13.0	27	53	223	14.9	18	3	2.15	1.17	18	2160	101	0.07	216	0.194	87	24
81740	0.8	9.11	32	206	2	< 2	0.58	2.4	20	90	163	8.94	27	3	4.06	0.86	30	393	9	0.16	145	0.027	14	8
81741	0.8	9.52	27	302	2	< 2	1.28	3.1	21	67	146	8.82	28	3	4.04	1.14	27	637	11	0.16	127	0.036	5	< 5
81742	0.8	14.9	25	589	2	3	0.66	2.1	24	85	91	8.09	30	2	5.03	0.90	28	250	11	0.43	99	0.035	4	9
81743	0.9	14.2	37	731	2	2	0.48	1.7	27	94	83	8.98	31	1	5.48	0.83	29	155	13	0.65	109	0.044	7	11
81744	1.0	16.8	36	949	1	3	0.83	1.3	30	109	71	9.51	32	1	5.06	0.92	27	181	10	1.47	96	0.025	18	17
81745	1.1	15.3	25	895	1	< 2	1.32	2.0	19	89	107	10.4	29	2	5.27	1.30	29	273	9	0.43	112	0.033	5	11
81746	0.6	7.85	27	105	1	< 2	1.02	1.3	26	72	76	8.12	28	< 1	4.48	0.93	23	208	8	0.17	93	0.021	8	< 5
81747	0.7	15.2	35	496	2	3	0.89	1.6	27	121	90	9.65	29	2	2.25	0.95	28	180	9	0.19	103	0.022	17	8
81748	1.6	6.00	112	129	1	< 2	1.02	2.4	25	79	104	14.9	20	2	1.97	0.93	24	234	14	0.12	152	0.026	50	8
81749	1.5	5.87	115	119	1	< 2	0.94	3.0	26	81	112	15.2	21	2	2.05	0.90	25	238	14	0.12	153	0.028	48	7
81750	> 100	1.29	979	191	< 1	26	0.93	465	34	33	> 10000	16.0	19	20	0.48	0.86	6	426	34	0.02	65	0.039	> 5000	140
81751	< 0.3	0.02	< 3	< 7	< 1	< 2	0.06	< 0.3	< 1	38	17	0.16	< 1	< 1	< 0.01	0.03	5	26	2	< 0.01	2	< 0.001	5	< 5
81752	1.2	7.26	102	232	1	< 2	0.26	4.3	31	102	138	15.0	23	3	3.77	0.78	34	162	17	0.14	151	0.026	39	< 5
81753	1.7	5.91	116	206	1	< 2	0.21	3.2	31	86	165	16.0	20	2	2.91	0.82	34	130	21	0.10	166	0.023	58	< 5
81754	1.7	6.03	105	206	1	< 2	1.43	2.6	22	71	171	15.3	22	2	3.10	1.17	31	438	14	0.12	158	0.027	44	< 5
81755	1.4	6.15	104	203	1	< 2	0.47	3.5	23	81	220	14.7	23	2	3.04	0.94	36	227	21	0.10	164	0.025	42	5
81756	1.7	8.30	85	746	2	2	0.34	3.0	30	93	147	12.6	25	2	3.90	0.75	32	149	20	0.13	154	0.036	44	23
81757	1.5	6.37	202	63	2	< 2	0.84	12.0	28	86	115	11.7	24	3	1.83	0.90	29	430	79	0.13	305	0.047	53	16
81758	2.2	4.25	288	103	2	< 2	0.61	18.0	28	75	107	14.0	18	3	2.47	0.55	22	349	141	0.61	409	0.061	88	26
81759	1.9	2.85	210	86	1	< 2	1.45	18.6	38	54	230	16.3	15	4	1.65	1.01	22	1390	114	0.03	344	0.126	76	21
81760	0.8	3.31	97	79	2	< 2	2.16	8.0	22	70	323	13.6	16	5	1.05	1.80	32	2650	50	0.07	187	0.179	21	< 5
81761	0.8	2.43	95	62	1	< 2	2.99	6.0	58	49	319	15.6	15	1	0.77	1.88	24	3820	33	0.06	200	0.159	25	< 5
81762	1.6	3.05	72	66	1	< 2	1.36	17.8	35	64	347	16.0	15	2	1.05	1.24	23	1560	83	0.08	259	0.149	33	7
81763	1.0	7.54	81	162	3	< 2	1.05	5.4	30	65	135	11.2	25	< 1	3.94	0.92	29	495	28	0.26	153	0.029	37	< 5
81764	1.1	6.43	126	162	1	< 2	2.33	5.2	21	61	121	13.1	22	< 1	3.32	1.22	23	499	20	0.29	168	0.036	50	< 5
81765	1.2	4.41	184	116	1	< 2	3.79	6.2	19	52	91	14.3	17	< 1	2.28	1.89	19	722	39	0.27	171	0.024	62	10
81766	1.8	3.94	288	145	2	< 2	1.15	13.7	27	100	80	15.3	17	2	2.15	0.70	19	326	96	0.11	291	0.042	82	11
81767	2.0	3.52	283	120	2	< 2	0.63	13.6	31	68	131	15.8	15	< 1	1.81	0.53	20	333	108	0.08	314	0.057	96	16
81768	2.0	2.52	185	89	2	< 2	1.64	20.1	28	55	223	13.2	15	1	1.45	0.83	16	947	145	0.04	333	0.131	83	16
81769	1.5	2.21	30	84	2	< 2	1.09	24.2	15	57	518	10.7	15	1	1.21	0.68	17	831	126	0.03	233	0.205	36	6
81770	1.0	3.44	17	102	3	< 2	1.17	9.1	17	74	493	11.6	18	1	1.73	1.17	31	1610	62	0.05	187	0.153	30	7
81771	1.1	3.88	50	177	4	< 2	0.98	17.9	21	77	298	9.52	20	< 1	2.23	0.92	35	747	83	0.05	172	0.221	40	8
81772	1.1	2.88	20	99	2	< 2	1.25	16.3	33	74	333	12.1	17	< 1	1.29	1.22	28	1220	70	0.04	186	0.203	37	6
81773	0.9	4.22	29	120	2	< 2	1.04	8.9	38	74	364	13.9	17	3	2.10	0.99	23	905	27	0.07	240	0.114	23	< 5
81774	1.0	4.38	37	150	2	< 2	1.08	8.6	46	74	378	14.6	17	< 1	2.40	0.96	23	901	26	0.08	254	0.099	24	< 5
81775	> 100	1.31	962	157	< 1	56	2.02	547	33	30	> 10000	16.3	18	18	0.48	0.86	6	425	34	0.02	62	0.040	> 5000	177
81776	< 0.3	0.02	< 3	< 7	< 1	< 2	0.03	< 0.3	< 1	44	3	0.16	< 1	< 1	< 0.01	0.01	6	31	3	< 0.01	2	< 0.001	< 3	< 5
81777	3.1	2.81	5	129	2	< 2	1.29	26.1	8	63	444	14.4	16	4	1.62	0.79	17	1050	179	0.05	346	0.197	217	11
81778	1.9	1.69	11	83	1	< 2	2.99	13.4	14	51	361	14.1	14	< 1	0.98	1.57	12	2770	108	0.03	293	0.265	127	9
81779	1.4	3.40	20	104	2	< 2	1.75	10.1	36	61	218	14.0	16	2	2.13	1.73	33	1770	53	0.05	164	0.240	40	< 5
81780	0.9	5.16	18	138	3	< 2	1.41	0.9	36	62	203	13.8	20	3	2.69	1.65	37	1160	6	0.09	109	0.191	19	< 5
81781	1.1	5.49	< 3	170	3	< 2	1.14	0.9	22	76	159	12.6	21	2	2.73	1.12	28	896	38	0.10	137	0.101	25	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81782	0.9	7.57	8	64	4	< 2	0.71	0.6	22	83	141	10.3	25	1	4.43	0.89	33	441	12	0.15	112	0.028	8	< 5
81783	0.9	4.23	5	160	2	< 2	0.99	0.7	26	90	103	9.81	20	2	2.19	0.85	20	567	23	0.08	82	0.042	13	< 5
81784	< 0.3	0.10	< 3	< 7	< 1	< 2	2.09	0.9	3	49	27	13.8	11	1	< 0.01	3.23	2	3680	2	< 0.01	16	0.032	7	< 5
81785	< 0.3	0.05	4	< 7	< 1	< 2	3.02	0.5	2	47	3	9.77	10	< 1	< 0.01	2.63	1	2710	2	< 0.01	7	0.021	3	< 5
81786	< 0.3	0.04	< 3	< 7	< 1	< 2	2.56	0.6	1	40	2	9.85	10	< 1	< 0.01	2.52	1	2620	2	< 0.01	4	0.019	4	< 5
81787	< 0.3	0.25	< 3	< 7	< 1	3	10.8	0.7	2	19	3	10.3	11	< 1	< 0.01	5.02	10	4360	< 1	< 0.01	4	0.012	5	< 5
81788	< 0.3	0.26	< 3	< 7	< 1	2	4.96	1.0	4	27	4	14.1	12	2	< 0.01	3.51	8	5390	< 1	< 0.01	7	0.015	5	< 5
81789	< 0.3	0.32	< 3	< 7	< 1	2	3.76	1.3	6	23	4	17.4	11	2	< 0.01	3.13	10	8270	< 1	< 0.01	7	0.041	7	< 5
81790	< 0.3	0.48	< 3	< 7	< 1	3	1.98	1.5	8	64	5	19.3	9	2	< 0.01	2.75	13	11600	1	< 0.01	11	0.038	10	< 5
81791	< 0.3	0.39	< 3	< 7	< 1	2	3.41	1.2	6	35	4	16.2	11	2	< 0.01	3.01	10	9040	1	< 0.01	10	0.042	7	< 5

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81626	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	13	< 5				
81627	1.32	6	14	< 2	0.06	< 5	< 10	123	< 5	3	131	24				
81628	0.45	6	31	< 2	0.01	< 5	< 10	133	< 5	3	170	6				
81629	1.47	5	52	< 2	0.13	< 5	< 10	116	< 5	5	180	44				
81630	3.74	6	60	< 2	0.15	< 5	< 10	130	6	7	142	63				
81631	1.87	5	88	< 2	0.02	< 5	< 10	92	< 5	5	108	14				
81632	0.36	< 4	97	2	0.03	< 5	< 10	57	< 5	5	36	14				
81633	0.35	< 4	83	< 2	0.03	< 5	< 10	33	< 5	5	26	16				
81634	0.32	< 4	61	< 2	0.09	< 5	< 10	55	6	6	55	29				
81635	2.05	14	30	< 2	0.32	< 5	< 10	286	< 5	9	152	87				
81636	1.83	11	18	< 2	0.23	< 5	< 10	196	< 5	5	218	66				
81637	2.66	13	21	4	0.28	< 5	< 10	217	< 5	6	238	84				
81638	2.68	13	36	< 2	0.28	< 5	< 10	267	< 5	7	220	95				
81639	2.21	14	20	4	0.29	< 5	< 10	264	< 5	7	275	95				
81640	0.12	< 4	30	< 2	0.03	< 5	< 10	24	< 5	4	22	15				
81641	0.05	< 4	14	< 2	0.03	< 5	< 10	26	< 5	5	9	16				
81642	0.03	< 4	9	< 2	0.03	< 5	< 10	20	< 5	5	7	14				
81643	0.05	< 4	14	< 2	0.03	< 5	< 10	24	< 5	7	5	16				
81644	0.05	< 4	26	< 2	0.02	< 5	< 10	22	< 5	6	6	12				
81645	0.07	< 4	20	3	0.01	< 5	< 10	25	< 5	6	5	12				
81646	0.09	< 4	18	< 2	0.01	< 5	< 10	27	5	5	6	13				
81647	0.10	< 4	23	< 2	0.01	< 5	< 10	26	< 5	5	9	14				
81648	0.17	< 4	88	< 2	0.01	< 5	< 10	27	< 5	6	15	10				
81649	0.20	< 4	84	< 2	< 0.01	< 5	< 10	23	5	5	13	9				
81650	17.7	< 4	26	10	0.04	29	< 10	56	6	7	> 10000	24	159	1.26	9.45	1.52
81651	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	29	< 5				
81652	0.12	< 4	76	< 2	< 0.01	< 5	< 10	22	< 5	5	10	9				
81653	0.61	< 4	64	< 2	< 0.01	< 5	< 10	28	< 5	5	15	9				
81654	2.67	< 4	57	< 2	0.01	< 5	< 10	24	< 5	6	32	13				
81655	6.04	8	46	9	0.15	< 5	< 10	116	< 5	8	61	77				
81656	6.48	7	42	14	0.15	< 5	< 10	92	6	7	178	69				
81657	9.07	6	11	8	0.17	< 5	< 10	87	< 5	5	371	79				
81658	6.26	8	39	3	0.16	< 5	< 10	111	< 5	8	166	71				
81659	5.24	6	39	4	0.11	< 5	< 10	91	< 5	6	72	56				
81660	0.91	< 4	19	3	0.01	< 5	< 10	25	< 5	5	19	11				
81661	0.15	< 4	105	< 2	< 0.01	< 5	< 10	20	< 5	7	16	8				
81662	0.31	< 4	76	< 2	0.01	< 5	< 10	26	< 5	5	17	10				
81663	0.12	< 4	33	< 2	0.01	< 5	< 10	22	< 5	4	13	10				
81664	0.23	< 4	38	< 2	0.01	< 5	< 10	28	< 5	5	16	15				
81665	0.09	< 4	66	< 2	0.02	< 5	< 10	23	< 5	6	14	12				
81666	0.08	< 4	44	< 2	< 0.01	< 5	< 10	13	< 5	4	20	10				
81667	0.01	< 4	31	5	< 0.01	< 5	< 10	11	< 5	4	19	8				
81668	0.23	< 4	89	< 2	< 0.01	< 5	< 10	18	< 5	5	34	6				
81669	0.89	< 4	42	< 2	< 0.01	< 5	< 10	15	< 5	5	35	9				
81670	1.62	< 4	64	< 2	< 0.01	< 5	< 10	28	< 5	5	54	9				
81671	0.31	< 4	54	4	< 0.01	< 5	< 10	20	< 5	5	46	12				
81672	1.29	< 4	118	10	0.05	< 5	< 10	46	< 5	7	55	24				
81673	2.54	15	37	3	0.33	< 5	< 10	246	< 5	9	105	90				
81674	2.07	14	48	2	0.32	< 5	< 10	238	< 5	7	93	87				
81675	18.6	< 4	31	8	0.04	26	< 10	58	7	8	> 10000	25	157	1.24	9.46	1.52
81676	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	4	< 5				
81677	2.06	12	68	6	0.30	< 5	< 10	222	< 5	9	105	92				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81678	1.56	14	26	< 2	0.30	< 5	< 10	188	< 5	8	82	81				
81679	0.10	41	131	5	0.56	< 5	< 10	315	< 5	6	73	53				
81680	0.10	38	145	6	0.39	< 5	< 10	260	< 5	5	70	35				
81681	0.09	37	160	7	0.47	< 5	< 10	282	< 5	5	103	54				
81682	1.43	13	25	3	0.28	< 5	< 10	277	< 5	8	199	82				
81683	1.65	14	32	4	0.29	< 5	< 10	198	< 5	7	198	81				
81684	3.16	13	32	4	0.26	< 5	< 10	316	< 5	6	130	79				
81685	5.54	9	29	8	0.19	< 5	< 10	155	< 5	7	445	88				
81686	5.97	11	16	11	0.23	< 5	< 10	209	11	10	625	142				
81687	0.37	< 4	57	< 2	0.03	< 5	< 10	45	< 5	6	29	18				
81688	0.06	< 4	24	< 2	< 0.01	< 5	< 10	18	< 5	5	9	10				
81689	0.03	< 4	20	< 2	< 0.01	< 5	< 10	25	< 5	8	6	14				
81690	0.03	< 4	16	2	< 0.01	< 5	< 10	19	< 5	7	5	11				
81691	0.05	< 4	13	3	0.01	< 5	< 10	21	5	7	7	12				
81692	0.03	< 4	17	< 2	0.02	< 5	< 10	24	< 5	6	5	14				
81693	0.08	< 4	27	< 2	0.05	< 5	< 10	41	< 5	8	6	21				
81694	0.10	< 4	28	< 2	0.04	< 5	< 10	35	< 5	8	7	19				
81695	0.05	< 4	29	< 2	0.02	< 5	< 10	19	< 5	6	10	15				
81696	0.02	< 4	30	2	< 0.01	< 5	< 10	11	< 5	5	13	8				
81697	0.06	< 4	29	< 2	< 0.01	< 5	< 10	14	< 5	5	25	9				
81698	0.40	< 4	56	5	< 0.01	< 5	< 10	16	< 5	6	23	9				
81699	0.36	< 4	46	3	< 0.01	< 5	< 10	16	< 5	6	31	9				
81700	18.6	< 4	30	3	0.05	27	< 10	65	20	5	> 10000	24	155	1.23	9.17	1.48
81701	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	8	< 5				
81702	0.12	< 4	68	< 2	< 0.01	< 5	< 10	16	6	7	32	9				
81703	0.07	< 4	30	< 2	< 0.01	< 5	< 10	14	5	7	21	9				
81704	0.13	< 4	18	< 2	< 0.01	< 5	< 10	17	< 5	7	18	9				
81705	0.57	< 4	99	< 2	< 0.01	< 5	< 10	18	< 5	8	35	10				
81706	0.02	< 4	15	< 2	< 0.01	< 5	< 10	12	< 5	6	7	9				
81707	0.02	< 4	15	< 2	< 0.01	< 5	< 10	13	< 5	5	7	9				
81708	0.01	< 4	17	5	< 0.01	< 5	< 10	11	< 5	5	10	8				
81709	0.01	< 4	16	< 2	< 0.01	< 5	< 10	10	< 5	5	12	8				
81710	< 0.01	< 4	13	< 2	< 0.01	< 5	< 10	12	< 5	6	7	9				
81711	0.02	< 4	15	< 2	< 0.01	< 5	< 10	13	< 5	6	9	9				
81712	0.01	< 4	16	< 2	< 0.01	< 5	< 10	14	5	6	6	9				
81713	0.03	< 4	21	< 2	< 0.01	< 5	< 10	14	< 5	7	11	9				
81714	0.11	< 4	33	< 2	< 0.01	< 5	< 10	15	7	5	24	10				
81715	1.43	< 4	137	6	< 0.01	< 5	< 10	16	< 5	7	24	9				
81716	0.03	< 4	23	< 2	< 0.01	< 5	< 10	12	< 5	6	12	9				
81717	0.05	< 4	18	2	< 0.01	< 5	< 10	12	< 5	6	7	9				
81718	0.04	< 4	11	3	< 0.01	< 5	< 10	9	< 5	4	8	8				
81719	0.04	< 4	12	< 2	< 0.01	< 5	< 10	12	5	5	8	8				
81720	0.05	< 4	13	< 2	< 0.01	< 5	< 10	11	< 5	5	7	8				
81721	0.04	< 4	25	3	< 0.01	< 5	< 10	15	< 5	5	12	7				
81722	0.02	< 4	40	< 2	< 0.01	< 5	< 10	12	< 5	5	15	7				
81723	0.03	< 4	39	< 2	0.03	< 5	< 10	24	< 5	5	10	13				
81724	0.04	< 4	37	< 2	0.02	< 5	< 10	20	< 5	5	11	12				
81725	19.6	< 4	34	< 2	0.05	30	< 10	67	20	8	> 10000	25	157	1.20	9.32	1.50
81726	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	9	< 5				
81727	0.04	< 4	28	< 2	0.05	< 5	< 10	28	< 5	6	11	15				
81728	0.06	< 4	25	< 2	0.06	< 5	< 10	50	< 5	6	13	20				
81729	0.05	< 4	36	4	0.04	< 5	< 10	36	< 5	5	8	14				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81730	0.05	< 4	19	< 2	0.07	< 5	< 10	52	< 5	7	10	23				
81731	0.04	< 4	21	6	0.04	< 5	< 10	39	< 5	5	12	16				
81732	0.06	< 4	16	< 2	0.09	< 5	< 10	69	< 5	7	13	29				
81733	0.03	< 4	23	< 2	0.03	< 5	< 10	27	< 5	5	9	13				
81734	0.05	< 4	35	< 2	0.03	< 5	< 10	32	< 5	6	15	15				
81735	0.16	< 4	35	< 2	0.02	< 5	< 10	19	< 5	5	17	13				
81736	3.37	28	52	4	0.67	< 5	10	194	9	14	543	187				
81737	5.80	23	27	9	0.67	< 5	20	254	12	8	1120	145				
81738	4.70	23	53	5	0.64	< 5	20	256	11	14	759	191				
81739	8.89	9	64	< 2	0.21	< 5	50	1020	16	38	2330	103				
81740	5.91	22	37	13	0.55	< 5	10	179	8	15	439	176				
81741	5.07	25	48	3	0.55	< 5	10	172	9	18	633	208				
81742	4.40	33	58	< 2	0.60	< 5	10	180	8	23	457	224				
81743	5.23	33	51	< 2	0.59	< 5	10	190	8	28	392	268				
81744	6.08	36	70	< 2	0.62	< 5	10	209	7	20	264	194				
81745	5.43	36	75	4	0.57	< 5	10	171	9	40	440	302				
81746	4.69	17	48	< 2	0.49	< 5	< 10	162	< 5	10	343	149				
81747	5.96	32	73	< 2	0.55	8	< 10	185	7	20	328	163				
81748	12.5	13	39	< 2	0.39	< 5	10	206	8	16	625	188				
81749	12.6	13	36	2	0.38	< 5	10	203	9	16	750	177				
81750	18.9	< 4	30	< 2	0.05	26	< 10	66	22	5	> 10000	24	156	1.24	9.36	1.51
81751	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	22	< 5				
81752	12.3	17	26	5	0.41	9	10	249	14	14	1180	141				
81753	13.4	13	21	< 2	0.26	< 5	10	257	8	15	808	139				
81754	12.4	13	52	< 2	0.30	< 5	10	204	7	18	593	210				
81755	11.6	13	25	< 2	0.28	< 5	< 10	275	11	15	943	150				
81756	10.6	19	31	< 2	0.46	< 5	10	266	9	15	792	158				
81757	10.3	17	32	< 2	0.40	< 5	40	1130	11	29	1900	223				
81758	13.2	9	23	< 2	0.19	< 5	60	1800	14	33	2720	65				
81759	13.4	8	32	< 2	0.16	< 5	50	1350	24	36	2810	65				
81760	6.41	7	45	< 2	0.14	< 5	30	629	12	25	1140	71				
81761	8.40	5	49	2	0.09	< 5	20	365	10	18	863	54				
81762	8.58	7	38	< 2	0.12	< 5	40	907	23	30	2890	76				
81763	8.96	18	44	2	0.38	< 5	20	342	14	18	902	144				
81764	11.5	15	58	< 2	0.30	< 5	20	254	12	13	1020	105				
81765	12.5	11	74	< 2	0.20	< 5	20	420	12	12	1060	68				
81766	15.2	11	31	< 2	0.24	< 5	30	1060	19	23	2250	73				
81767	15.0	10	22	< 2	0.22	< 5	40	1200	17	24	2130	70				
81768	11.8	7	39	< 2	0.14	< 5	50	1460	13	35	3090	62				
81769	5.64	6	31	< 2	0.10	< 5	60	1200	8	40	3590	71				
81770	5.16	7	35	< 2	0.13	< 5	30	947	11	29	1370	83				
81771	5.53	8	37	< 2	0.15	< 5	50	1160	5	61	2720	101				
81772	5.80	6	42	< 2	0.11	< 5	40	843	12	33	2550	72				
81773	6.82	9	39	< 2	0.19	< 5	20	358	16	14	1390	84				
81774	6.76	10	40	3	0.20	< 5	20	341	27	14	1340	85				
81775	19.6	< 4	33	< 2	0.05	28	< 10	66	21	8	> 10000	25	159	1.18	9.21	1.48
81776	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	4	< 5				
81777	4.31	7	44	< 2	0.13	< 5	70	1710	18	34	3870	79				
81778	5.29	4	84	< 2	0.08	< 5	50	964	21	28	1960	52				
81779	5.22	8	55	< 2	0.14	< 5	30	651	21	23	1420	81				
81780	5.56	12	54	< 2	0.19	< 5	< 10	403	< 5	16	63	102				
81781	4.49	13	48	3	0.27	< 5	20	517	< 5	16	31	103				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81782	4.56	19	41	< 2	0.46	< 5	< 10	181	5	10	25	176				
81783	3.80	12	36	< 2	0.32	< 5	10	220	< 5	10	26	128				
81784	0.85	< 4	37	2	0.01	< 5	< 10	10	< 5	5	25	8				
81785	0.05	< 4	26	< 2	< 0.01	< 5	< 10	6	< 5	4	7	6				
81786	0.06	< 4	23	< 2	< 0.01	< 5	< 10	7	< 5	5	6	< 5				
81787	0.10	< 4	95	< 2	0.02	< 5	< 10	16	< 5	7	12	8				
81788	0.09	< 4	57	7	0.03	< 5	< 10	19	< 5	3	17	10				
81789	0.07	< 4	46	4	0.04	< 5	< 10	31	< 5	5	17	15				
81790	0.07	< 4	32	12	0.05	< 5	< 10	50	< 5	5	25	19				
81791	0.12	< 4	52	< 2	0.04	< 5	< 10	37	< 5	5	28	16				

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	30.9	2.08	388	655	1	1390	0.87	3.3	8	12	1120	23.6	8	4	0.04	0.21	7	876	14	0.04	43	0.057	723	18
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-1 Meas	27.9	4.14	356	> 1000	1	1270	0.87	3.0	9	12	1020	21.7	10	3	0.05	0.27	10	841	13	0.06	40	0.052	651	37
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-1 Meas	31.9	2.30	430	687	1	1370	0.88	3.3	8		1190	23.8	8	4	0.05	0.22	8	964	15	0.05	47	0.060	764	38
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20		1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-1 Meas	31.8	2.31	429	642	1	1380	0.87	3.3	8		1140	24.1	10	4	0.05	0.21	8	857	15	0.05	46	0.058	712	30
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20		1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-4 Meas	3.4	7.63	92	128	2	7	1.08	0.5	16	62	6510	3.12	25	< 1	1.87	1.72	12	159	314	0.51	44	0.132	43	7
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
GXR-4 Meas	3.6	6.76	94	148	2	7	1.08	0.4	16	46	6430	3.18	23	< 1	2.85	1.73	11	152	321	0.52	43	0.135	43	< 5
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
GXR-4 Meas	3.4	6.34	110	292	2	27	1.06	0.4	15	47	6440	3.07	22	1	4.12	1.67	10	202	313	0.49	43	0.127	49	< 5
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
GXR-4 Meas	3.5	6.99	106	172	2	19	1.06	0.4	16	39	6490	3.09	22	1	3.90	1.72	11	153	314	0.52	43	0.131	44	6
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
SDC-1 Meas	< 0.3	7.68	< 3	630	3	< 2	1.01	< 0.3	20	58	28	4.80	24	< 1	1.85	0.99	33	887	< 1	1.50	38	0.055	21	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.02	< 3	597	3	< 2	1.05	< 0.3	20	50	27	4.74	26	< 1	1.56	0.97	33	866	< 1	1.48	36	0.053	20	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.08	< 3	630	3	< 2	1.06	< 0.3	19	44	30	4.57	29	< 1	2.31	1.01	33	905	< 1	1.50	37	0.056	19	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.67	11	630	3	< 2	1.07	< 0.3	20	38	29	4.73	25	2	4.00	0.99	34	894	< 1	1.49	39	0.054	14	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SCO-1 Meas	0.3	7.19	8	635	2	< 2	1.96	0.3	12	54	28	3.65	23		2.26	1.58	42	396	< 1	0.69	30	0.084	29	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	7.15	13	518	2	< 2	1.93	< 0.3	12	51	27	3.58	21		1.40	1.56	41	385	< 1	0.65	29	0.083	25	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	7.19	10	586	2	< 2	1.89	0.4	11	52	28	3.50	24		2.60	1.63	43	423	< 1	0.67	30	0.085	24	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	7.38	5	558	2	< 2	1.92	< 0.3	12	44	28	3.52	21		3.24	1.58	43	383	< 1	0.66	29	0.082	25	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
GXR-6 Meas	0.5	13.2	294	> 1000	1	3	0.18	0.6	15	54	67	5.69	33	< 1	2.26	0.61	33	1070	4	0.10	27	0.038	93	5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.4	12.6	240	> 1000	1	< 2	0.16	0.4	16	62	85	5.63	31	< 1	1.82	0.58	31	1080	1	0.09	27	0.034	92	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.5	12.9	300	> 1000	1	< 2	0.17	0.5	15	63	72	5.77	34	5	2.30	0.62	33	1190	< 1	0.09	30	0.038	98	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.4	14.5	306	> 1000	1	< 2	0.20	0.4	15	59	66	5.70	37	2	2.28	0.64	37	1070	< 1	0.10	29	0.038	90	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
PTC-1a Meas																								
PTC-1a Cert																								
OREAS 14P Meas																								
OREAS 14P Cert																								
MP-1b Meas																								
MP-1b Cert																								
SAR-M (U.S.G.S.) Meas	4.3	6.24	35	849	3	< 2	0.63	5.6	13	84	321	3.31	20		2.69	0.49	29	5260	12	1.19	52	0.068	997	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.7	6.06	28	794	3	< 2	0.65	4.6	12	77	316	3.37	21		2.71	0.49	30	4530	5	1.15	52	0.063	897	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.3	5.87	31	818	3	< 2	0.64	4.8	11		317	3.31	22		3.47	0.52	30	4910	4	1.19	51	0.065	952	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.3	6.54	22	811	3	< 2	0.65	5.7	13		318	3.24	21		3.88	0.49	30	5350	5	1.19	48	0.064	1010	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
DNC-1a Meas				93					55	177	93						4				246			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				92					54	117	91						4				239			< 5

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				100					56	125	99						5				251			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				93					55	119	92						4				246			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
OREAS 13b (4-Acid) Meas																								
OREAS 13b (4-Acid) Cert																								
CCu-1d Meas																								
CCu-1d Cert																								
CPB-2 Meas																								
CPB-2 Cert																								
CZN-4 Meas																								
CZN-4 Cert																								
81633 Orig	< 0.3	0.62	< 3	< 7	< 1	< 2	3.52	0.6	6	12	26	16.2	10	< 1	0.02	2.58	4	7690	< 1	< 0.01	9	0.029	5	< 5
81633 Dup	< 0.3	0.62	< 3	< 7	< 1	< 2	3.53	0.8	7	13	29	16.1	10	< 1	0.02	2.57	4	7720	< 1	< 0.01	9	0.029	3	< 5
81647 Orig	< 0.3	0.24	< 3	< 7	< 1	< 2	2.39	0.9	3	14	3	18.6	9	< 1	0.03	3.02	2	5220	< 1	< 0.01	7	0.018	< 3	6
81647 Dup	< 0.3	0.25	< 3	< 7	< 1	< 2	2.40	0.8	4	4	2	18.7	9	< 1	0.03	3.03	2	5210	< 1	< 0.01	6	0.019	4	< 5
81672 Orig	0.4	1.15	107	49	< 1	2	2.81	1.1	9	22	46	25.2	6	< 1	0.63	2.93	9	9110	1	0.04	14	0.022	7	< 5
81672 Dup	< 0.3	1.15	97	48	< 1	< 2	2.80	1.2	9	21	46	25.2	5	4	0.62	2.93	9	9200	1	0.04	14	0.022	9	< 5
81686 Orig	1.1	5.26	< 3	219	2	< 2	0.33	3.7	29	83	204	21.5	15	< 1	3.05	0.87	38	661	17	0.10	107	0.020	28	< 5
81686 Dup	1.0	5.33	< 3	234	2	3	0.33	3.6	33	79	204	21.9	15	< 1	3.17	0.88	39	664	17	0.10	108	0.021	28	< 5
81711 Orig	< 0.3	0.04	4	< 7	< 1	5	1.12	2.1	4	7	6	26.2	4	4	0.01	3.53	< 1	14400	< 1	0.01	6	0.018	14	6
81711 Dup	< 0.3	0.04	5	< 7	< 1	4	1.12	2.1	6	10	6	26.3	< 1	2	0.01	3.54	< 1	14200	< 1	0.01	6	0.018	13	< 5
81715 Orig	< 0.3	0.24	10	12	< 1	4	4.53	2.0	9	5	29	25.6	3	4	0.08	3.65	< 1	11100	< 1	0.03	5	0.012	15	7
81715 Split	< 0.3	0.25	15	13	< 1	4	4.54	2.1	8	4	33	25.8	2	3	0.08	3.67	< 1	11200	< 1	0.03	5	0.012	15	< 5
81724 Orig	< 0.3	0.20	6	9	< 1	3	2.80	1.5	7	7	5	20.0	9	3	0.06	3.65	< 1	11800	< 1	0.02	8	0.017	10	< 5
81724 Split	< 0.3	0.21	5	10	< 1	2	3.13	1.6	7	11	6	20.5	8	2	0.06	3.82	< 1	12000	< 1	0.02	8	0.019	11	< 5
81725 Orig	> 100	1.31	1040	236	< 1	46	1.90	543	34	28	> 10000	16.4	18	18	0.49	0.86	6	429	33	0.02	64	0.040	> 5000	199
81725 Dup	> 100	1.30	993	206	< 1	50	1.89	535	34	28	> 10000	16.3	19	17	0.49	0.86	6	435	33	0.02	64	0.040	> 5000	196
81745 Orig	1.1	15.3	25	895	1	< 2	1.32	2.0	19	89	107	10.4	29	2	5.27	1.30	29	273	9	0.43	112	0.033	5	11
81745 Split	1.0	9.85	20	206	1	< 2	1.05	1.9	21	73	103	9.36	29	< 1	4.09	1.05	27	246	9	0.41	113	0.028	8	< 5
81750 Orig	> 100	1.29	977	214	< 1	24	0.75	448	34	36	> 10000	15.9	18	19	0.48	0.86	6	423	34	0.02	65	0.040	> 5000	139
81750 Dup	> 100	1.29	980	168	< 1	29	1.11	482	35	30	> 10000	16.1	20	20	0.48	0.86	6	429	34	0.02	65	0.039	> 5000	142
81764 Orig	1.1	6.32	125	160	1	< 2	2.31	5.2	21	63	119	12.9	22	< 1	3.28	1.20	23	488	20	0.28	167	0.036	50	< 5
81764 Dup	1.2	6.53	127	165	1	< 2	2.35	5.2	21	60	122	13.3	22	2	3.37	1.24	24	510	20	0.29	169	0.036	49	< 5
81774 Orig	1.0	4.38	37	150	2	< 2	1.08	8.6	46	74	378	14.6	17	< 1	2.40	0.96	23	901	26	0.08	254	0.099	24	< 5
81774 Split	0.9	4.21	30	132	2	< 2	1.09	7.5	41	73	334	13.8	18	< 1	2.55	0.95	22	943	25	0.08	236	0.098	20	< 5
81777 Orig	3.1	2.81	5	129	2	< 2	1.29	26.1	8	63	444	14.4	16	4	1.62	0.79	17	1050	179	0.05	346	0.197	217	11
81777 Split	2.9	2.68	5	97	2	< 2	1.22	24.9	8	59	433	13.7	15	2	1.65	0.75	16	977	170	0.05	328	0.188	201	9
81781 Orig	1.1	5.46	< 3	191	3	< 2	1.13	0.9	22	76	157	12.5	20	2	2.12	1.11	28	865	38	0.10	137	0.100	25	< 5
81781 Dup	1.2	5.52	7	150	3	< 2	1.15	0.9	23	77	161	12.8	21	3	3.34	1.13	28	927	39	0.10	137	0.103	25	6
81791 Orig	< 0.3	0.39	< 3	< 7	< 1	2	3.41	1.2	6	35	4	16.2	11	2	< 0.01	3.01	10	9040	1	< 0.01	10	0.042	7	< 5
81791 Split	< 0.3	0.41	< 3	< 7	< 1	3	3.59	1.2	7	34	4	17.0	12	1	< 0.01	3.17	10	9440	1	< 0.01	10	0.044	5	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	0.02	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1			< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		1	< 0.01	< 1	< 0.001	< 3	< 5

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank																								

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
GXR-1 Meas	0.24	< 4	287	13		< 5	30	88	156	27	718	26				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-1 Meas	0.22	< 4	271	13		< 5	30	82	171	25	658	36				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-1 Meas	0.26	< 4	292	13		< 5	30	94	165	26	771	27				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-1 Meas	0.25	< 4	277	13		< 5	30	85	157	27	709	27				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-4 Meas	1.76	9	219	2		< 5	< 10	93	39	13	72	53				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
GXR-4 Meas	1.81	9	223	< 2		< 5	< 10	95	36	13	74	46				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
GXR-4 Meas	1.75	8	214	< 2		< 5	< 10	89	59	12	78	44				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
GXR-4 Meas	1.74	8	216	4		< 5	< 10	96	38	13	69	48				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
SDC-1 Meas	0.07	16	163		0.37	< 5	< 10	78	< 5	31	99	54				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.06	17	168		0.28	< 5	< 10	65	< 5	31	99	47				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.07	16	172		0.34	< 5	< 10	68	< 5	30	103	47				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.07	16	174		0.17	< 5	< 10	47	< 5	32	98	39				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SCO-1 Meas	0.08	13	162		0.32			133	< 5	19	98	112				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	13	159		0.35			137	< 5	19	97	118				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	13	161		0.37			136	< 5	18	102	117				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	13	160		0.33			132	< 5	19	95	112				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
GXR-6 Meas	0.02	32	42	13		< 5	< 10	199	< 5	13	129	118				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	30	38	7		< 5	< 10	136	< 5	13	130	81				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	32	38	2		< 5	< 10	176	6	13	136	103				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	33	43	< 2		< 5	< 10	173	< 5	14	129	106				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
PTC-1a Meas													54	13.7		0.055
PTC-1a Cert													56.0	13.51		0.05
OREAS 14P Meas														0.964		
OREAS 14P Cert														0.997		
MP-1b Meas													48	3.00	17.1	2.07
MP-1b Cert													47.0	3.069	16.67	2.091
SAR-M (U.S.G.S.) Meas		10	155	3	0.40	< 5	< 10	74	16	33	965					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		10	151	< 2	0.28	< 5	< 10	60	12	36	821					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		10	148	< 2	0.24	< 5	< 10	55	13	35	901					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		9	155	5	0.26	< 5	< 10	56	12	34	975					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
DNC-1a Meas		31	124					141		14	54	36				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		30	123					139		14	55	35				

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		31	128					141		14	57	36				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		31	118					138		14	50	36				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
OREAS 13b (4-Acid) Meas													< 3	0.241	0.034	
OREAS 13b (4-Acid) Cert													0.86	0.230	0	
CCu-1d Meas													122	24.5	2.63	0.256
CCu-1d Cert													120.7	23.93	2.63	0.262
CPB-2 Meas														0.130		
CPB-2 Cert														0.1213		
CZN-4 Meas													50	0.402	55.9	0.185
CZN-4 Cert													51.4	0.403	55.24	0.1861
81633 Orig	0.34	< 4	84	< 2	0.04	< 5	< 10	33	5	5	25	16				
81633 Dup	0.35	< 4	82	5	0.03	< 5	< 10	33	< 5	5	27	16				
81647 Orig	0.10	< 4	23	< 2	0.02	< 5	< 10	26	< 5	5	9	14				
81647 Dup	0.10	< 4	23	< 2	0.01	< 5	< 10	26	< 5	5	9	14				
81672 Orig	1.17	< 4	118	11	0.05	< 5	< 10	46	< 5	7	55	24				
81672 Dup	1.41	< 4	118	9	0.05	< 5	< 10	46	< 5	7	55	24				
81686 Orig	6.32	11	16	10	0.24	< 5	< 10	206	11	10	618	142				
81686 Dup	5.63	11	16	13	0.23	< 5	< 10	213	10	11	633	142				
81711 Orig	0.02	< 4	15	< 2	< 0.01	< 5	< 10	13	< 5	6	10	10				
81711 Dup	0.02	< 4	15	< 2	< 0.01	< 5	< 10	12	8	6	8	9				
81715 Orig	1.43	< 4	137	6	< 0.01	< 5	< 10	16	< 5	7	24	9				
81715 Split	1.08	< 4	139	< 2	< 0.01	< 5	< 10	17	< 5	7	25	10				
81724 Orig	0.04	< 4	37	< 2	0.02	< 5	< 10	20	< 5	5	11	12				
81724 Split	0.04	< 4	41	2	0.02	< 5	< 10	20	< 5	5	9	12				
81725 Orig	19.6	< 4	34	< 2	0.05	31	< 10	66	21	8	> 10000	25				
81725 Dup	19.6	< 4	34	< 2	0.05	28	< 10	67	20	8	> 10000	25				
81745 Orig	5.43	36	75	4	0.57	< 5	10	171	9	40	440	302				
81745 Split	5.44	25	57	4	0.51	7	< 10	170	6	22	435	286				
81750 Orig	18.6	< 4	30	3	0.05	25	< 10	66	23	5	> 10000	24				
81750 Dup	19.2	< 4	30	< 2	0.05	27	< 10	65	22	6	> 10000	24				
81764 Orig	11.3	15	58	< 2	0.30	< 5	20	251	12	13	1020	103				
81764 Dup	11.6	15	59	4	0.29	< 5	10	257	12	13	1020	106				
81774 Orig	6.76	10	40	3	0.20	< 5	20	341	27	14	1340	85				
81774 Split	6.05	10	39	9	0.21	< 5	20	330	13	13	1190	80				
81777 Orig	4.31	7	44	< 2	0.13	< 5	70	1710	18	34	3870	79				
81777 Split	4.83	7	41	< 2	0.13	< 5	60	1620	12	32	3670	75				
81781 Orig	4.33	13	48	3	0.27	< 5	20	508	< 5	16	31	103				
81781 Dup	4.64	13	48	3	0.28	< 5	20	527	< 5	15	32	104				
81791 Orig	0.12	< 4	52	< 2	0.04	< 5	< 10	37	< 5	5	28	16				
81791 Split	0.11	< 4	55	4	0.04	< 5	< 10	39	< 5	6	28	16				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	3	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	10	< 1	< 1	< 5				

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank													< 3	< 0.001	< 0.001	< 0.003

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 25-Oct-12
Invoice No.: A12-11566 (i)
Invoice Date: 08-Nov-12
Your Reference: KAN BATCH #5

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

193 Rock samples were submitted for analysis.

The following analytical packages were requested:
Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code Weight Report Received(kg) & Pulp(g) weights

REPORT **A12-11566 (i)**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81801	< 5	255
81802	< 5	2540
81803	< 5	2640
81804	< 5	2500
81805	< 5	2630
81806	< 5	2690
81807	< 5	2460
81808	< 5	2620
81809	12	2950
81810	< 5	2540
81811	< 5	2530
81812	< 5	2800
81813	< 5	3070
81814	< 5	2920
81815	< 5	2750
81816	< 5	2480
81817	< 5	3010
81818	< 5	2540
81819	< 5	2720
81820	< 5	2570
81821	< 5	2660
81822	< 5	2630
81823	< 5	1250
81824	< 5	1200
81825	1990	23.0
81826	< 5	262
81827	< 5	2750
81828	< 5	2630
81829	< 5	2670
81830	< 5	2610
81831	< 5	2360
81832	< 5	2650
81833	< 5	2520
81834	< 5	2670
81835	< 5	2530
81836	< 5	2590
81837	< 5	2310
81838	< 5	2110
81839	< 5	2100
81840	< 5	1940
81841	< 5	1830
81842	< 5	2820
81843	< 5	2880
81844	< 5	2640
81845	< 5	2830
81846	< 5	2410
81847	< 5	3040
81848	< 5	1290
81849	< 5	1340
81850	2020	22.0
81851	6	260

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81852	7	2840
81853	< 5	2610
81854	< 5	2690
81855	8	2600
81856	6	2800
81857	5	2920
81858	< 5	2530
81859	< 5	2730
81860	< 5	2760
81861	< 5	2870
81862	< 5	2920
81863	< 5	2130
81864	< 5	3680
81865	< 5	2890
81866	10	2890
81867	< 5	2880
81868	< 5	2720
81869	< 5	2850
81870	< 5	2800
81871	6	2850
81872	< 5	3000
81873	< 5	1380
81874	< 5	1440
81875	2110	23.0
81876	< 5	235
81877	< 5	3040
81878	< 5	2920
81879	< 5	2960
81880	< 5	3120
81881	< 5	2830
81882	< 5	2800
81883	< 5	2890
81884	< 5	2820
81885	< 5	3010
81886	< 5	2810
81887	6	3050
81888	< 5	2980
81889	26	3070
81890	< 5	2950
81891	18	2760
81892	6	3100
81893	< 5	2810
81894	26	2960
81895	6	3090
81896	6	2730
81897	13	2810
81898	< 5	1400
81899	6	1360
81900	2050	24.0
81901	< 5	315
81902	7	3070

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81903	6	3020
81904	5	2900
81905	5	2980
81906	7	3110
81907	< 5	3000
81908	13	3000
81909	13	2970
81910	21	2840
81911	8	3030
81912	< 5	2980
81913	< 5	2950
81914	< 5	2880
81915	8	2850
81916	8	2910
81917	< 5	2910
81918	6	2780
81919	9	2970
81920	6	3230
81921	7	3080
81922	6	3060
81923	7	1460
81924	6	1380
81925	2030	25.0
81926	< 5	255
81927	< 5	2820
81928	11	3000
81929	8	3040
81930	< 5	2880
81931	< 5	3360
81932	< 5	2230
81933	< 5	2950
81934	6	2760
81935	< 5	2900
81936	5	3050
81937	< 5	2950
81938	< 5	3190
81939	< 5	2810
81940	< 5	2550
81941	6	2940
81942	< 5	2450
81943	< 5	2630
81944	7	2860
81945	< 5	2440
81946	6	2960
81947	11	2750
81948	< 5	1290
81949	< 5	1430
81950	1960	27.0
81951	< 5	253
81952	< 5	2650
81953	< 5	2830

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	g
Detection Limit	5	
Analysis Method	FA-AA	none
81954	< 5	2780
81955	6	2420
81956	< 5	3010
81957	< 5	3030
81958	< 5	2830
81959	< 5	2720
81960	< 5	2650
81961	< 5	2550
81962	< 5	2770
81963	< 5	2880
81964	< 5	2570
81965	< 5	3010
81966	< 5	3000
81967	9	2890
81968	< 5	2810
81969	< 5	2770
81970	< 5	2780
81971	< 5	2880
81972	< 5	2990
81973	< 5	1440
81974	7	1430
81975	2040	32.0
81976	< 5	272
81977	< 5	2980
81978	8	2950
81979	< 5	2810
81980	< 5	2980
81981	< 5	2730
81982	< 5	2930
81983	< 5	2830
81984	< 5	2720
81985	7	2820
81986	5	2840
81987	< 5	2770
81988	< 5	2750
81989	< 5	2740
81990	< 5	2760
81991	< 5	2940
81992	< 5	2800
81993	< 5	2920

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA

CDN-GS-P3C Meas	257
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	247
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	336
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	255
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	259
CDN-GS-P3C Cert	263.00
CDN-GS-P3C Meas	243
CDN-GS-P3C Cert	263.00
CDN-GS-1L Meas	1110
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1110
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1110
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1180
CDN-GS-1L Cert	1160.00
CDN-GS-1L Meas	1110
CDN-GS-1L Cert	1160.00
81810 Orig	< 5
81810 Dup	6
81820 Orig	< 5
81820 Dup	< 5
81830 Orig	< 5
81830 Split	< 5
81830 Orig	< 5
81830 Dup	< 5
81845 Orig	6
81845 Dup	< 5
81849 Orig	< 5
81849 Split	< 5
81849 Split	< 5
81855 Orig	5
81855 Dup	10
81860 Orig	< 5
81860 Split	< 5
81865 Orig	< 5
81865 Dup	7
81880 Orig	< 5
81880 Dup	< 5
81890 Orig	< 5
81890 Split	< 5
81890 Orig	< 5
81890 Dup	< 5
81899 Orig	6
81899 Split	6
81900 Orig	2070
81900 Dup	2030
81915 Orig	8
81915 Dup	8
81920 Orig	6
81920 Split	< 5
81925 Orig	2060
81925 Dup	2010

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
81935 Orig	10
81935 Dup	< 5
81949 Orig	< 5
81949 Split	< 5
81950 Orig	2000
81950 Dup	1920
81952 Orig	< 5
81952 Split	< 5
81960 Orig	< 5
81960 Dup	< 5
81970 Orig	< 5
81970 Dup	5
81985 Orig	7
81985 Dup	7
81993 Orig	< 5
81993 Split	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 25-Oct-12
Invoice No.: A12-11566-ICP
Invoice Date: 19-Nov-12
Your Reference: KAN BATCH #5

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

193 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A12-11566-ICP**

Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code 8-4 Acid Total Digestion Code 8-4 Acid Total Digestion Assays
Code Weight Report Received(kg) & Pulp(g) weights

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81801	< 0.3	0.03	< 3	< 7	< 1	< 2	0.03	< 0.3	< 1	34	4	0.13	< 1	< 1	< 0.01	0.01	6	38	3	< 0.01	1	< 0.001	< 3	< 5
81802	0.3	0.55	< 3	48	< 1	< 2	15.7	< 0.3	1	22	5	0.48	3	< 1	0.55	9.84	9	223	< 1	0.03	2	0.023	3	< 5
81803	< 0.3	0.69	< 3	70	< 1	< 2	13.8	< 0.3	< 1	11	4	0.42	3	< 1	0.72	8.24	7	189	< 1	0.06	2	0.025	< 3	< 5
81804	< 0.3	0.65	< 3	55	< 1	< 2	15.4	< 0.3	< 1	4	6	0.48	2	< 1	0.66	9.34	8	163	< 1	0.03	2	0.013	< 3	< 5
81805	< 0.3	0.41	< 3	49	< 1	< 2	16.0	< 0.3	< 1	4	4	0.28	1	< 1	0.46	10.7	5	161	< 1	0.02	2	0.032	< 3	< 5
81806	< 0.3	0.55	< 3	58	< 1	< 2	15.3	< 0.3	1	9	8	0.37	2	< 1	0.56	9.45	7	213	< 1	0.02	2	0.031	4	< 5
81807	< 0.3	0.44	< 3	42	< 1	< 2	16.5	< 0.3	< 1	3	2	0.30	1	< 1	0.48	10.4	7	119	< 1	0.02	1	0.024	< 3	< 5
81808	< 0.3	0.46	< 3	53	< 1	< 2	14.8	< 0.3	< 1	23	6	0.34	2	< 1	0.52	9.80	6	140	1	0.02	2	0.027	< 3	< 5
81809	< 0.3	0.34	4	268	< 1	< 2	14.1	< 0.3	< 1	13	7	3.74	5	< 1	0.34	8.32	6	597	2	0.02	5	0.034	5	< 5
81810	< 0.3	0.54	< 3	60	< 1	< 2	15.6	< 0.3	< 1	7	1	0.37	3	< 1	0.59	10.5	8	154	< 1	0.04	2	0.021	< 3	< 5
81811	< 0.3	0.50	< 3	34	< 1	< 2	15.0	< 0.3	< 1	7	2	0.35	2	< 1	0.53	10.3	8	160	< 1	0.01	2	0.021	< 3	< 5
81812	< 0.3	5.90	< 3	363	1	< 2	6.97	< 0.3	13	24	1	2.90	20	< 1	4.85	4.77	31	658	< 1	0.40	26	0.028	5	< 5
81813	< 0.3	6.91	< 3	641	2	< 2	4.60	< 0.3	14	40	2	3.51	24	< 1	4.25	3.37	38	709	< 1	0.46	31	0.029	5	< 5
81814	< 0.3	6.61	< 3	610	1	< 2	3.67	< 0.3	13	46	6	3.27	22	< 1	6.31	2.76	34	564	< 1	0.49	31	0.028	4	< 5
81815	< 0.3	6.19	< 3	649	1	< 2	4.76	0.3	11	44	14	3.42	21	< 1	5.75	3.40	34	608	< 1	0.44	27	0.029	< 3	< 5
81816	< 0.3	4.29	< 3	> 1000	< 1	< 2	8.04	< 0.3	8	22	11	3.03	14	< 1	4.77	4.77	20	983	< 1	0.18	14	0.038	5	< 5
81817	< 0.3	4.63	< 3	> 1000	2	< 2	0.47	< 0.3	15	54	28	1.86	18	< 1	2.58	0.61	19	113	< 1	0.73	12	0.048	11	< 5
81818	< 0.3	5.52	< 3	> 1000	2	< 2	1.15	< 0.3	18	41	7	2.34	18	< 1	2.38	0.84	16	310	< 1	0.64	12	0.060	14	< 5
81819	< 0.3	7.17	< 3	> 1000	2	< 2	0.64	< 0.3	17	52	24	2.64	24	< 1	4.35	0.99	30	285	< 1	0.57	31	0.044	12	< 5
81820	< 0.3	7.98	< 3	787	2	< 2	0.19	< 0.3	18	76	20	3.13	28	< 1	4.26	1.15	40	299	< 1	0.56	40	0.025	13	< 5
81821	< 0.3	7.93	< 3	755	2	< 2	0.21	< 0.3	20	65	29	3.22	29	< 1	5.78	1.08	38	321	< 1	0.49	45	0.028	13	< 5
81822	< 0.3	6.63	< 3	754	2	< 2	0.68	< 0.3	16	60	14	3.03	23	< 1	5.74	1.01	26	646	< 1	0.44	30	0.079	7	< 5
81823	0.4	6.73	< 3	870	1	< 2	0.49	< 0.3	14	52	11	2.14	22	< 1	6.65	0.77	22	402	< 1	0.56	26	0.026	10	< 5
81824	0.4	7.45	< 3	944	2	< 2	0.45	< 0.3	15	59	17	2.32	25	< 1	8.24	0.82	25	385	< 1	0.60	26	0.028	7	< 5
81825	> 100	1.33	995	133	< 1	46	1.72	520	34	29	> 10000	16.5	19	19	0.49	0.87	6	426	33	0.02	63	0.040	> 5000	167
81826	< 0.3	0.04	< 3	< 7	< 1	< 2	0.02	< 0.3	< 1	34	2	0.10	< 1	< 1	0.02	0.01	5	48	2	< 0.01	< 1	< 0.001	< 3	< 5
81827	0.4	6.19	< 3	756	2	< 2	0.70	< 0.3	21	82	28	2.98	24	< 1	4.51	0.92	26	523	< 1	0.71	31	0.114	17	< 5
81828	0.4	6.87	< 3	741	2	< 2	0.33	< 0.3	20	69	19	3.33	25	< 1	4.13	0.99	28	460	< 1	0.65	27	0.023	12	< 5
81829	0.5	7.25	< 3	857	2	< 2	0.58	< 0.3	16	52	14	2.89	23	< 1	4.13	0.89	21	423	< 1	0.69	20	0.020	9	< 5
81830	0.4	7.68	< 3	745	2	< 2	0.22	< 0.3	15	60	14	2.47	26	< 1	4.72	0.83	28	253	< 1	0.54	31	0.026	9	< 5
81831	0.4	7.44	3	818	2	< 2	0.24	< 0.3	13	54	15	2.94	24	< 1	4.68	0.86	25	445	< 1	0.56	28	0.063	7	< 5
81832	< 0.3	8.07	< 3	713	2	< 2	0.25	< 0.3	17	71	24	3.73	28	< 1	4.91	1.08	36	392	< 1	0.42	39	0.092	5	< 5
81833	< 0.3	7.03	< 3	658	2	< 2	0.49	< 0.3	17	67	25	3.25	25	< 1	6.07	0.92	31	339	< 1	0.37	35	0.181	18	< 5
81834	0.4	6.12	< 3	735	1	< 2	0.40	< 0.3	14	56	14	2.51	20	< 1	6.76	0.76	18	316	< 1	0.52	22	0.024	11	< 5
81835	0.3	6.61	< 3	780	1	< 2	0.25	< 0.3	13	54	16	1.97	21	< 1	7.91	0.62	18	199	1	0.52	19	0.020	10	< 5
81836	< 0.3	5.54	< 3	593	1	< 2	0.29	< 0.3	13	60	13	1.97	16	< 1	5.50	0.61	15	220	2	0.32	22	0.019	8	< 5
81837	< 0.3	5.17	< 3	464	1	< 2	0.43	< 0.3	13	73	15	1.98	18	< 1	3.64	0.65	18	233	2	0.25	28	0.023	22	< 5
81838	< 0.3	8.41	< 3	573	2	< 2	0.20	< 0.3	14	81	25	3.24	27	< 1	4.20	1.02	32	274	< 1	0.22	38	0.044	5	< 5
81839	< 0.3	7.63	< 3	708	1	< 2	0.78	< 0.3	12	52	14	2.12	24	< 1	4.73	0.87	22	270	1	0.22	32	0.030	17	< 5
81840	< 0.3	6.02	< 3	281	1	< 2	5.75	< 0.3	8	65	17	2.71	20	< 1	3.24	3.70	36	490	< 1	0.06	29	0.049	65	< 5
81841	< 0.3	1.57	< 3	44	< 1	< 2	12.7	0.3	6	74	9	2.23	7	< 1	1.27	7.80	13	866	< 1	0.01	26	0.038	9	< 5
81842	< 0.3	2.58	< 3	67	< 1	< 2	10.2	0.8	14	167	50	3.28	10	< 1	2.13	6.20	24	862	< 1	0.02	90	0.032	38	< 5
81843	< 0.3	5.23	< 3	125	< 1	< 2	3.44	< 0.3	34	487	76	4.02	18	< 1	3.03	3.01	51	314	< 1	0.03	241	0.097	4	< 5
81844	< 0.3	4.62	< 3	150	< 1	< 2	6.12	< 0.3	34	377	93	4.39	16	< 1	2.91	3.75	37	610	< 1	0.03	202	0.131	6	< 5
81845	< 0.3	4.32	< 3	182	< 1	< 2	9.93	0.4	26	275	59	4.33	15	< 1	3.85	5.88	37	784	< 1	0.16	152	0.048	3	< 5
81846	< 0.3	3.89	< 3	176	< 1	< 2	10.0	0.8	25	277	109	4.07	16	< 1	2.10	5.75	31	818	< 1	0.14	141	0.062	190	< 5
81847	< 0.3	2.92	4	125	< 1	< 2	10.3	0.3	26	308	32	3.75	13	< 1	1.95	5.80	23	840	1	0.42	136	0.045	19	< 5
81848	0.3	4.25	< 3	199	< 1	< 2	9.65	0.3	40	322	52	3.98	15	< 1	2.67	5.43	31	705	< 1	0.54	176	0.048	58	< 5
81849	< 0.3	4.19	< 3	195	< 1	< 2	9.42	0.3	38	288	49	3.88	15	< 1	2.51	5.29	31	687	< 1	0.52	171	0.047	36	< 5
81850	> 100	1.27	955	196	< 1	47	1.88	531	33	37	> 10000	15.9	18	20	0.47	0.84	6	414	33	0.02	62	0.039	> 5000	166
81851	< 0.3	0.02	< 3	< 7	< 1	< 2	0.12	< 0.3	< 1	46	3	0.13	< 1	< 1	< 0.01	0.06	5	20	3	< 0.01	< 1	< 0.001	< 3	< 5
81852	< 0.3	4.52	< 3	245	< 1	< 2	9.16	< 0.3	42	302	65	4.23	15	< 1	3.29	5.21	33	749	< 1	0.33	175	0.058	4	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81853	< 0.3	4.38	< 3	240	< 1	< 2	10.3	0.5	41	276	81	4.11	15	< 1	4.22	5.95	33	924	< 1	0.28	161	0.036	< 3	< 5
81854	< 0.3	6.42	< 3	305	< 1	2	7.27	0.9	86	383	79	3.97	19	< 1	4.59	4.17	39	862	< 1	0.28	387	0.070	3	< 5
81855	< 0.3	4.20	< 3	285	< 1	< 2	10.7	< 0.3	40	260	103	3.95	13	< 1	3.56	6.14	29	906	< 1	0.07	123	0.047	7	< 5
81856	< 0.3	2.54	< 3	95	< 1	< 2	10.7	12.7	31	265	17	5.18	14	< 1	2.97	6.52	25	1200	< 1	0.06	132	0.029	14	< 5
81857	< 0.3	4.70	< 3	126	< 1	< 2	8.43	0.8	45	523	52	3.47	17	< 1	2.45	5.25	48	851	< 1	0.08	220	0.035	14	< 5
81858	< 0.3	5.28	< 3	203	< 1	< 2	8.50	2.3	46	437	59	3.71	20	< 1	2.43	4.99	47	746	< 1	0.09	209	0.073	6	< 5
81859	< 0.3	5.44	< 3	207	< 1	< 2	8.00	< 0.3	38	266	65	3.48	19	< 1	2.87	4.73	47	690	< 1	0.13	178	0.056	< 3	< 5
81860	0.5	5.25	< 3	184	< 1	< 2	8.89	0.4	39	240	52	4.44	19	< 1	2.73	5.31	55	672	< 1	0.06	197	0.043	3	< 5
81861	< 0.3	3.92	< 3	112	< 1	< 2	10.7	1.2	23	159	48	4.98	15	< 1	2.69	6.61	45	777	< 1	0.03	158	0.023	< 3	< 5
81862	< 0.3	3.89	11	116	< 1	< 2	11.3	6.5	20	152	48	4.01	16	< 1	3.07	6.92	40	789	< 1	0.03	142	0.009	6	< 5
81863	< 0.3	4.50	< 3	136	< 1	< 2	10.3	1.6	41	195	46	3.93	17	< 1	3.57	6.28	45	730	< 1	0.03	168	0.057	4	< 5
81864	< 0.3	4.73	4	154	< 1	< 2	10.1	0.3	50	214	49	3.78	18	< 1	3.81	6.16	43	817	< 1	0.03	194	0.043	11	< 5
81865	0.3	4.68	< 3	117	< 1	< 2	10.2	2.0	28	221	53	4.03	19	< 1	2.43	6.21	45	709	< 1	0.03	142	0.020	< 3	< 5
81866	< 0.3	4.22	4	96	< 1	< 2	10.4	0.4	21	359	56	3.89	15	< 1	2.97	6.27	39	698	< 1	0.03	126	0.004	< 3	< 5
81867	< 0.3	4.08	< 3	74	< 1	< 2	11.0	< 0.3	20	306	55	4.16	13	< 1	2.47	6.65	38	805	< 1	0.03	122	0.046	< 3	< 5
81868	< 0.3	4.36	< 3	81	< 1	< 2	10.3	< 0.3	20	328	52	4.01	15	< 1	2.52	6.20	40	811	< 1	0.03	129	0.017	< 3	< 5
81869	< 0.3	4.07	< 3	76	< 1	< 2	11.5	< 0.3	18	215	48	4.05	16	< 1	2.56	6.90	38	925	< 1	0.03	121	0.008	< 3	< 5
81870	< 0.3	4.89	< 3	80	< 1	< 2	9.93	2.1	26	242	61	3.96	18	< 1	2.58	6.09	49	671	< 1	0.03	140	0.034	< 3	< 5
81871	< 0.3	5.06	4	90	< 1	< 2	9.55	0.4	48	235	61	4.44	18	< 1	2.89	5.78	47	720	< 1	0.03	173	0.037	< 3	< 5
81872	< 0.3	4.43	6	100	< 1	< 2	10.7	0.5	42	191	50	4.44	16	< 1	3.40	6.33	37	925	< 1	0.03	124	0.027	< 3	< 5
81873	< 0.3	4.76	< 3	105	< 1	< 2	10.3	0.4	43	201	58	3.40	17	< 1	3.89	6.24	45	909	< 1	0.03	119	0.031	16	< 5
81874	< 0.3	4.86	< 3	107	< 1	< 2	10.6	0.4	43	226	53	3.49	16	< 1	4.16	6.47	46	937	< 1	0.03	116	0.032	< 3	< 5
81875	> 100	1.30	952	112	< 1	54	1.90	527	33	35	> 10000	16.3	18	20	0.49	0.86	6	423	33	0.02	63	0.040	> 5000	111
81876	< 0.3	0.04	< 3	< 7	< 1	< 2	0.02	< 0.3	< 1	5	3	0.18	< 1	< 1	< 0.01	0.01	5	55	< 1	< 0.01	6	< 0.001	< 3	< 5
81877	< 0.3	4.74	3	176	< 1	< 2	10.6	2.1	40	377	68	3.81	16	< 1	2.41	6.20	38	962	< 1	0.03	130	0.035	< 3	< 5
81878	< 0.3	4.83	< 3	143	< 1	< 2	10.2	0.4	37	308	58	4.27	16	< 1	2.45	6.04	33	1020	1	0.05	132	0.035	< 3	< 5
81879	< 0.3	5.29	< 3	144	< 1	2	9.24	0.4	40	274	54	4.46	18	< 1	2.72	5.41	35	879	< 1	0.03	161	0.047	< 3	< 5
81880	< 0.3	2.03	4	61	< 1	< 2	13.5	5.4	19	106	38	6.38	12	< 1	1.52	7.74	14	1000	< 1	0.03	114	0.015	70	< 5
81881	< 0.3	2.05	< 3	58	< 1	< 2	14.5	0.3	9	109	20	4.52	11	< 1	1.58	8.51	15	1060	< 1	0.02	55	0.006	13	< 5
81882	< 0.3	2.33	< 3	70	< 1	< 2	13.9	0.5	10	121	20	4.41	11	< 1	1.81	8.20	18	1010	< 1	0.02	56	0.006	29	< 5
81883	< 0.3	1.77	< 3	46	< 1	< 2	14.5	0.4	10	97	25	4.63	10	< 1	1.35	8.73	14	1220	< 1	0.02	57	0.012	5	< 5
81884	< 0.3	4.45	< 3	118	< 1	< 2	10.4	< 0.3	25	203	57	4.55	17	< 1	4.01	6.32	37	859	< 1	0.03	117	0.024	3	< 5
81885	< 0.3	4.21	< 3	107	< 1	< 2	10.4	0.3	22	214	44	4.58	15	< 1	3.20	6.21	33	865	< 1	0.03	109	0.024	4	< 5
81886	< 0.3	2.97	5	71	< 1	< 2	12.3	< 0.3	15	213	26	4.08	13	< 1	2.21	7.44	25	895	< 1	0.03	70	0.028	< 3	< 5
81887	< 0.3	4.69	5	101	< 1	< 2	9.28	0.4	33	269	59	4.88	17	< 1	2.48	5.57	40	724	< 1	0.03	138	0.037	< 3	< 5
81888	< 0.3	4.73	< 3	107	< 1	< 2	9.17	< 0.3	29	225	66	5.28	17	< 1	2.67	5.49	40	709	< 1	0.03	125	0.036	< 3	< 5
81889	0.4	4.44	< 3	105	< 1	< 2	9.28	0.5	23	198	49	6.41	18	< 1	2.90	5.48	38	741	< 1	0.03	118	0.020	< 3	< 5
81890	0.3	5.05	< 3	145	< 1	< 2	9.01	0.3	32	240	63	4.50	19	< 1	3.51	5.34	41	774	< 1	0.04	135	0.073	< 3	< 5
81891	< 0.3	5.05	< 3	149	< 1	< 2	9.20	0.4	36	245	60	4.30	19	< 1	4.35	5.56	42	761	< 1	0.06	139	0.032	< 3	< 5
81892	< 0.3	5.25	4	148	< 1	< 2	9.36	< 0.3	32	227	54	4.58	18	< 1	4.54	5.80	44	789	< 1	0.09	144	0.036	4	< 5
81893	< 0.3	5.58	< 3	180	< 1	< 2	8.64	< 0.3	32	264	54	4.58	20	< 1	4.84	5.30	45	678	< 1	0.06	166	0.045	< 3	< 5
81894	0.3	5.00	< 3	124	< 1	< 2	8.93	0.4	34	223	54	5.05	19	< 1	2.52	5.57	40	739	< 1	0.05	153	0.055	< 3	< 5
81895	< 0.3	4.75	< 3	179	< 1	< 2	9.21	< 0.3	28	396	48	4.08	18	< 1	2.44	5.69	36	749	< 1	0.07	135	0.046	< 3	< 5
81896	< 0.3	5.39	< 3	206	< 1	< 2	8.33	0.3	33	422	54	5.00	20	< 1	2.34	5.36	40	736	< 1	0.16	177	0.033	< 3	< 5
81897	< 0.3	5.09	< 3	224	< 1	< 2	9.15	0.3	34	377	48	4.52	20	< 1	2.20	5.60	40	817	< 1	0.19	168	0.019	< 3	< 5
81898	< 0.3	5.05	< 3	245	< 1	< 2	9.16	0.4	33	236	46	4.65	19	< 1	2.61	5.60	41	767	< 1	0.17	164	0.031	< 3	< 5
81899	< 0.3	5.21	< 3	241	< 1	< 2	9.02	0.4	33	225	46	4.45	18	< 1	2.83	5.53	42	752	< 1	0.18	165	0.028	< 3	< 5
81900	> 100	1.29	956	162	< 1	46	1.75	514	33	36	> 10000	16.1	19	17	0.48	0.85	6	419	34	0.02	64	0.040	> 5000	135
81901	< 0.3	0.02	< 3	< 7	< 1	< 2	0.12	< 0.3	< 1	38	2	0.13	< 1	< 1	< 0.01	0.06	5	24	2	< 0.01	2	< 0.001	< 3	< 5
81902	< 0.3	5.57	< 3	360	< 1	< 2	8.72	0.4	50	274	72	5.17	18	< 1	4.51	5.28	45	754	< 1	0.22	215	0.052	< 3	< 5
81903	< 0.3	5.07	< 3	281	< 1	< 2	9.68	0.5	45	237	57	4.55	18	< 1	4.25	5.91	49	804	< 1	0.07	175	0.034	< 3	< 5
81904	0.3	4.65	< 3	160	< 1	< 2	9.81	1.1	39	217	48	4.46	19	< 1	2.33	5.84	40	795	< 1	0.26	148	0.049	19	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81905	< 0.3	4.55	< 3	188	< 1	< 2	9.51	1.2	40	378	20	4.43	16	< 1	2.70	5.70	37	827	< 1	0.42	141	0.059	132	< 5
81906	0.3	5.30	< 3	249	< 1	< 2	8.23	0.8	55	427	36	5.23	19	< 1	2.42	4.76	38	923	< 1	0.44	215	0.045	120	< 5
81907	< 0.3	5.59	< 3	321	< 1	3	7.94	0.4	53	404	44	4.71	19	< 1	2.15	4.55	30	857	< 1	0.94	235	0.050	52	< 5
81908	< 0.3	5.53	< 3	133	< 1	< 2	8.04	1.1	65	264	38	6.59	18	< 1	2.48	4.53	28	963	< 1	1.13	322	0.049	31	< 5
81909	0.4	4.67	6	145	< 1	< 2	9.07	6.3	64	189	86	6.99	19	< 1	2.70	5.25	30	917	< 1	0.59	293	0.034	23	< 5
81910	0.3	5.11	< 3	147	< 1	< 2	7.63	0.8	65	188	58	8.81	19	< 1	1.86	4.62	25	992	< 1	1.06	319	0.043	11	< 5
81911	0.6	5.05	< 3	204	< 1	< 2	9.02	6.1	53	199	45	5.19	18	< 1	3.61	5.40	26	885	< 1	0.79	280	0.052	19	< 5
81912	< 0.3	6.82	< 3	269	< 1	< 2	7.36	0.4	61	305	59	4.50	23	< 1	4.22	4.40	35	894	< 1	1.24	284	0.053	4	< 5
81913	< 0.3	6.32	3	275	< 1	3	7.57	< 0.3	73	280	61	4.52	23	< 1	4.65	4.46	34	779	< 1	0.81	263	0.063	< 3	< 5
81914	< 0.3	7.15	< 3	421	< 1	< 2	6.89	< 0.3	58	304	68	4.12	26	< 1	3.47	4.67	48	861	< 1	0.51	297	0.048	< 3	< 5
81915	< 0.3	5.78	3	307	< 1	< 2	6.88	0.4	56	487	84	6.07	22	< 1	1.86	4.96	41	819	< 1	0.66	260	0.046	< 3	< 5
81916	0.3	5.98	< 3	160	< 1	< 2	8.03	2.6	74	438	50	5.66	23	< 1	2.20	4.63	30	923	< 1	1.29	322	0.051	< 3	< 5
81917	0.4	5.57	8	181	< 1	< 2	7.27	0.5	62	329	85	7.33	20	< 1	2.51	4.48	26	977	1	1.20	313	0.046	22	< 5
81918	< 0.3	3.74	< 3	163	< 1	< 2	10.3	0.8	41	213	109	7.51	16	< 1	2.58	5.83	20	1100	< 1	0.41	169	0.042	67	< 5
81919	0.4	4.69	7	122	< 1	< 2	6.83	0.8	38	184	80	10.4	19	< 1	2.84	3.73	27	721	< 1	0.58	185	0.047	12	< 5
81920	< 0.3	5.86	4	143	< 1	< 2	6.89	0.5	69	262	55	7.28	21	< 1	3.58	4.50	36	911	< 1	1.06	266	0.059	< 3	< 5
81921	0.3	5.62	< 3	110	< 1	2	6.33	0.5	62	210	76	8.74	20	< 1	4.02	3.86	35	744	< 1	1.04	295	0.048	5	< 5
81922	< 0.3	6.51	< 3	88	< 1	< 2	5.81	0.4	65	289	78	6.95	23	< 1	3.24	3.59	42	829	< 1	1.03	287	0.058	< 3	< 5
81923	< 0.3	5.92	< 3	134	< 1	2	6.89	0.7	62	245	93	8.25	21	< 1	3.09	4.14	40	932	< 1	0.81	281	0.058	< 3	< 5
81924	< 0.3	5.95	4	122	< 1	3	6.79	0.9	65	254	94	7.97	21	< 1	2.59	4.08	41	908	< 1	0.80	275	0.059	< 3	< 5
81925	> 100	1.25	840	17	< 1	47	1.80	509	34	31	> 10000	15.7	16	14	0.38	0.78	6	375	31	0.02	65	0.039	> 5000	82
81926	< 0.3	0.03	< 3	< 7	< 1	< 2	0.04	< 0.3	< 1	55	5	0.16	< 1	< 1	< 0.01	0.02	7	37	3	< 0.01	2	< 0.001	3	< 5
81927	< 0.3	6.66	< 3	387	< 1	< 2	5.78	< 0.3	57	380	63	6.38	21	< 1	1.99	4.07	48	830	< 1	0.67	274	0.049	< 3	< 5
81928	0.4	4.66	7	44	< 1	< 2	7.09	< 0.3	43	172	49	9.82	16	< 1	2.46	3.61	31	630	< 1	0.24	202	0.045	9	< 5
81929	< 0.3	3.86	7	78	< 1	< 2	6.78	< 0.3	31	116	45	7.84	15	< 1	2.34	3.69	28	715	< 1	0.09	115	0.052	4	< 5
81930	< 0.3	5.06	< 3	93	< 1	< 2	6.05	0.9	43	202	42	5.53	20	< 1	2.27	3.86	44	824	< 1	0.03	129	0.071	< 3	< 5
81931	< 0.3	6.01	< 3	140	< 1	2	6.59	< 0.3	55	267	55	6.44	19	< 1	2.66	3.93	44	835	< 1	0.54	225	0.051	3	< 5
81932	< 0.3	6.46	< 3	259	< 1	< 2	6.12	< 0.3	56	335	82	7.65	20	< 1	3.47	4.17	47	788	< 1	0.59	261	0.043	< 3	< 5
81933	< 0.3	6.42	< 3	153	< 1	4	6.00	< 0.3	62	313	80	6.53	20	< 1	2.67	4.10	41	629	< 1	1.08	284	0.049	< 3	< 5
81934	< 0.3	4.65	4	217	< 1	3	7.70	< 0.3	57	356	53	5.62	17	< 1	2.17	4.04	32	711	< 1	0.69	204	0.042	< 3	< 5
81935	< 0.3	1.60	< 3	78	< 1	< 2	10.8	19.6	19	104	19	5.24	10	< 1	1.22	5.84	11	816	< 1	0.06	86	0.017	< 3	< 5
81936	< 0.3	4.55	< 3	130	< 1	3	8.98	< 0.3	35	292	48	5.40	16	< 1	1.71	5.65	34	814	< 1	0.70	132	0.038	< 3	< 5
81937	< 0.3	5.30	4	171	< 1	3	7.49	< 0.3	39	232	60	5.71	17	< 1	1.92	5.88	45	898	< 1	0.83	148	0.037	< 3	< 5
81938	< 0.3	5.29	< 3	167	< 1	< 2	7.50	< 0.3	40	210	67	5.64	18	< 1	2.24	5.18	44	874	< 1	0.71	150	0.046	< 3	< 5
81939	< 0.3	5.28	7	212	< 1	2	8.43	< 0.3	39	197	57	4.78	17	< 1	2.37	4.88	50	970	< 1	0.36	154	0.040	7	< 5
81940	< 0.3	5.77	< 3	245	< 1	< 2	7.58	< 0.3	38	215	67	5.32	18	< 1	3.51	5.21	52	916	< 1	0.40	150	0.046	< 3	< 5
81941	< 0.3	5.58	< 3	149	< 1	< 2	6.92	< 0.3	45	236	82	6.35	18	< 1	3.48	5.25	54	1010	< 1	0.53	187	0.030	< 3	< 5
81942	< 0.3	5.70	< 3	263	< 1	< 2	7.42	< 0.3	44	242	59	5.47	19	< 1	3.39	4.82	55	869	< 1	0.78	205	0.036	< 3	< 5
81943	< 0.3	5.46	4	209	< 1	< 2	8.01	0.4	42	362	52	4.93	17	< 1	2.61	4.73	49	873	< 1	0.85	164	0.045	< 3	< 5
81944	< 0.3	5.55	4	497	< 1	4	7.15	< 0.3	42	385	57	5.10	17	< 1	1.98	4.81	46	905	< 1	0.67	152	0.044	< 3	< 5
81945	< 0.3	6.22	< 3	406	< 1	4	7.21	5.0	59	445	67	4.15	19	< 1	2.20	4.24	47	901	< 1	1.08	216	0.052	< 3	< 5
81946	< 0.3	5.73	< 3	144	< 1	4	5.88	< 0.3	63	385	74	6.51	19	< 1	2.24	4.54	50	864	< 1	0.80	228	0.053	< 3	< 5
81947	< 0.3	6.32	< 3	369	< 1	2	5.82	< 0.3	66	323	63	6.24	19	< 1	1.79	5.05	50	863	< 1	1.35	259	0.050	< 3	< 5
81948	< 0.3	6.66	< 3	564	< 1	< 2	5.63	< 0.3	54	291	71	6.46	20	< 1	2.48	5.15	59	808	< 1	1.06	228	0.044	< 3	< 5
81949	< 0.3	6.65	< 3	538	< 1	< 2	5.53	< 0.3	55	276	66	6.39	21	< 1	2.75	5.10	58	801	< 1	1.08	233	0.049	< 3	< 5
81950	> 100	1.29	809	34	< 1	48	1.73	510	35	43	> 10000	16.1	16	13	0.38	0.80	6	386	32	0.02	63	0.040	> 5000	48
81951	< 0.3	0.03	< 3	< 7	< 1	< 2	0.08	< 0.3	< 1	47	10	0.15	< 1	< 1	< 0.01	0.04	6	30	3	< 0.01	3	< 0.001	5	< 5
81952	< 0.3	6.66	< 3	718	< 1	< 2	6.20	< 0.3	58	290	77	5.71	20	< 1	4.17	4.85	66	925	< 1	0.27	205	0.051	< 3	< 5
81953	< 0.3	7.01	< 3	630	< 1	< 2	6.05	< 0.3	56	246	58	5.35	21	< 1	2.44	4.02	67	896	< 1	0.39	176	0.049	< 3	< 5
81954	0.4	4.89	< 3	604	< 1	6	3.28	< 0.3	40	217	44	7.88	23	< 1	1.66	2.87	57	1090	< 1	0.17	94	0.043	< 3	< 5
81955	< 0.3	6.50	< 3	587	< 1	3	6.16	< 0.3	51	416	43	7.19	20	< 1	2.50	4.40	55	1320	< 1	0.51	138	0.079	< 3	< 5
81956	< 0.3	6.44	3	478	< 1	3	6.11	< 0.3	51	379	57	7.56	20	< 1	1.84	4.51	49	1150	< 1	0.69	162	0.072	< 3	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
81957	< 0.3	5.87	< 3	259	< 1	2	6.63	< 0.3	48	327	46	7.98	18	< 1	2.01	4.46	39	1210	< 1	0.77	161	0.060	< 3	< 5
81958	< 0.3	5.82	4	251	< 1	2	6.46	< 0.3	52	281	48	7.42	19	< 1	2.06	4.24	35	1320	< 1	1.03	161	0.071	< 3	< 5
81959	< 0.3	5.67	< 3	360	< 1	< 2	7.26	< 0.3	42	247	50	7.72	18	< 1	1.55	4.74	37	1170	< 1	0.67	147	0.048	< 3	< 5
81960	< 0.3	5.67	4	346	< 1	< 2	8.50	< 0.3	41	236	43	7.10	18	< 1	1.45	4.64	37	792	< 1	0.82	135	0.047	< 3	< 5
81961	< 0.3	5.77	< 3	295	< 1	< 2	8.52	< 0.3	43	273	62	7.46	17	< 1	1.11	4.33	40	742	< 1	0.95	157	0.048	4	< 5
81962	< 0.3	5.41	4	266	< 1	< 2	7.77	< 0.3	44	241	33	8.24	19	< 1	0.94	5.89	40	1010	< 1	0.67	140	0.039	< 3	< 5
81963	< 0.3	5.41	< 3	275	< 1	< 2	7.69	0.5	46	274	51	8.33	18	< 1	0.93	5.61	38	1280	< 1	0.97	151	0.046	< 3	< 5
81964	< 0.3	6.35	< 3	316	< 1	< 2	5.00	0.3	57	422	64	9.30	20	< 1	1.07	4.65	37	1090	< 1	1.30	177	0.059	< 3	< 5
81965	0.4	6.98	< 3	598	1	3	4.15	< 0.3	36	44	35	6.76	27	< 1	2.03	3.04	35	959	< 1	1.58	81	0.150	< 3	< 5
81966	0.4	7.98	< 3	917	2	< 2	3.95	< 0.3	42	26	23	5.89	31	< 1	1.84	2.90	42	800	< 1	1.42	73	0.151	< 3	< 5
81967	0.3	7.49	< 3	882	2	< 2	4.13	< 0.3	39	26	23	6.39	29	< 1	2.23	3.05	40	783	< 1	1.25	72	0.149	< 3	< 5
81968	< 0.3	7.36	< 3	842	2	< 2	3.60	< 0.3	36	31	22	7.73	27	< 1	2.11	3.19	39	731	< 1	1.58	69	0.147	< 3	10
81969	< 0.3	6.72	3	822	2	< 2	5.25	< 0.3	34	29	19	7.02	26	< 1	1.76	3.48	31	997	< 1	1.96	72	0.155	< 3	< 5
81970	< 0.3	6.66	3	874	2	< 2	4.86	< 0.3	36	30	28	8.44	26	< 1	1.55	3.71	33	1110	< 1	1.61	68	0.194	3	< 5
81971	< 0.3	6.64	4	771	1	< 2	4.88	< 0.3	32	32	26	8.51	26	< 1	1.39	3.69	32	1100	< 1	1.61	52	0.175	< 3	< 5
81972	< 0.3	6.89	< 3	820	2	< 2	4.42	< 0.3	33	33	23	9.05	23	< 1	1.44	3.75	34	1280	< 1	1.52	52	0.186	< 3	< 5
81973	0.6	6.55	< 3	713	1	11	3.57	< 0.3	36	42	25	8.96	24	< 1	1.23	3.44	31	1180	< 1	1.58	53	0.251	< 3	< 5
81974	0.3	6.95	< 3	762	2	< 2	3.70	< 0.3	35	31	28	9.02	24	< 1	1.30	3.46	32	1190	< 1	1.65	55	0.143	< 3	< 5
81975	> 100	1.30	867	27	< 1	43	1.81	512	34	31	> 10000	16.2	17	15	0.39	0.81	6	391	32	0.02	59	0.041	> 5000	98
81976	< 0.3	0.04	< 3	8	< 1	< 2	0.02	< 0.3	< 1	7	5	0.17	< 1	< 1	< 0.01	0.01	5	28	< 1	< 0.01	2	< 0.001	< 3	< 5
81977	< 0.3	6.59	< 3	> 1000	2	< 2	5.93	< 0.3	31	29	22	7.91	25	< 1	1.93	3.36	28	1130	< 1	1.60	49	0.160	< 3	< 5
81978	< 0.3	6.88	< 3	895	2	< 2	4.81	< 0.3	36	30	29	8.43	26	< 1	1.56	3.66	31	1180	< 1	1.63	57	0.180	3	< 5
81979	< 0.3	6.35	< 3	> 1000	1	< 2	5.88	< 0.3	33	38	20	7.50	25	< 1	1.71	3.94	34	1250	< 1	1.38	47	0.172	< 3	< 5
81980	0.3	6.37	< 3	> 1000	1	2	6.02	0.4	33	26	22	8.15	25	< 1	1.64	3.98	32	1310	< 1	1.46	52	0.176	3	< 5
81981	0.3	6.70	5	> 1000	2	3	5.41	< 0.3	34	28	22	8.42	25	< 1	1.70	3.94	32	1190	< 1	1.59	56	0.170	< 3	< 5
81982	< 0.3	6.62	< 3	> 1000	2	< 2	5.46	< 0.3	32	27	22	8.08	25	< 1	2.36	3.78	32	1130	< 1	1.62	61	0.168	< 3	< 5
81983	0.5	6.36	< 3	779	< 1	7	6.51	0.4	36	48	19	5.05	26	< 1	2.07	4.26	56	904	< 1	0.68	63	0.286	< 3	< 5
81984	0.5	6.74	< 3	522	1	4	6.76	< 0.3	38	38	21	3.88	27	< 1	2.03	3.97	58	848	< 1	0.69	73	0.056	4	< 5
81985	0.4	4.96	< 3	164	< 1	5	9.11	7.5	27	30	16	4.63	19	< 1	2.00	5.11	49	990	< 1	0.47	74	0.114	39	< 5
81986	< 0.3	2.53	< 3	155	< 1	3	12.6	7.8	12	17	12	5.65	12	< 1	1.34	7.14	19	1310	< 1	0.40	43	0.103	65	< 5
81987	< 0.3	6.42	7	902	2	< 2	5.94	< 0.3	32	21	14	7.33	25	< 1	1.80	3.72	35	1260	< 1	0.99	51	0.163	< 3	< 5
81988	< 0.3	6.96	< 3	> 1000	2	< 2	5.55	< 0.3	34	22	18	7.22	24	< 1	2.23	3.68	34	1250	< 1	1.37	60	0.151	< 3	< 5
81989	< 0.3	6.91	4	> 1000	2	< 2	5.17	< 0.3	36	31	83	8.14	27	< 1	2.57	3.73	38	1300	< 1	1.25	61	0.173	3	< 5
81990	< 0.3	5.75	6	644	1	2	7.85	< 0.3	30	21	21	4.68	23	< 1	3.48	4.97	52	1030	< 1	0.48	55	0.132	3	< 5
81991	0.4	5.95	< 3	652	1	3	6.02	0.3	32	26	17	8.13	23	< 1	3.23	4.75	43	1420	< 1	1.14	54	0.164	< 3	< 5
81992	< 0.3	6.28	< 3	921	1	< 2	6.90	< 0.3	28	23	13	5.87	25	< 1	2.95	4.68	52	1170	< 1	0.32	49	0.172	< 3	< 5
81993	0.4	5.77	< 3	628	1	7	6.11	< 0.3	32	36	19	6.30	23	< 1	1.90	3.91	46	1250	< 1	0.59	59	0.221	< 3	< 5

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81801	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	6	< 5				
81802	0.17	< 4	51	2	0.03	< 5	< 10	3	< 5	2	9	13				
81803	0.17	< 4	46	< 2	0.03	< 5	< 10	5	< 5	2	7	17				
81804	0.21	< 4	53	< 2	0.03	< 5	< 10	4	< 5	2	9	10				
81805	0.12	< 4	60	< 2	0.02	< 5	< 10	3	< 5	2	6	12				
81806	0.17	< 4	62	< 2	0.03	< 5	< 10	3	< 5	2	7	11				
81807	0.17	< 4	60	< 2	0.02	< 5	< 10	3	< 5	1	6	6				
81808	0.14	< 4	57	2	0.02	< 5	< 10	3	< 5	2	6	10				
81809	3.21	< 4	56	< 2	0.01	< 5	< 10	6	< 5	4	23	8				
81810	0.16	< 4	56	2	0.03	< 5	< 10	3	< 5	2	6	14				
81811	0.15	< 4	54	< 2	0.02	< 5	< 10	4	< 5	3	7	11				
81812	0.05	9	96	5	0.24	< 5	< 10	34	< 5	8	48	92				
81813	0.03	11	96	< 2	0.21	< 5	< 10	36	< 5	8	56	80				
81814	0.04	11	88	6	0.28	< 5	< 10	49	< 5	7	56	78				
81815	0.06	10	98	4	0.28	< 5	< 10	47	< 5	7	61	72				
81816	0.22	6	176	< 2	0.17	< 5	< 10	26	< 5	6	38	71				
81817	0.11	5	77	< 2	0.13	< 5	< 10	28	< 5	8	22	172				
81818	0.12	6	134	< 2	0.11	< 5	< 10	25	< 5	11	19	93				
81819	0.29	11	109	< 2	0.30	< 5	< 10	50	< 5	9	61	138				
81820	0.12	13	95	4	0.26	< 5	< 10	57	< 5	9	58	88				
81821	0.26	13	89	5	0.29	< 5	< 10	48	< 5	9	68	106				
81822	0.25	10	136	< 2	0.27	< 5	< 10	50	< 5	11	51	168				
81823	0.15	10	117	2	0.21	< 5	< 10	41	< 5	9	36	219				
81824	0.18	11	111	< 2	0.25	< 5	< 10	52	< 5	10	37	237				
81825	19.7	< 4	32	< 2	0.05	28	< 10	66	23	7	> 10000	25	159	1.24	9.45	1.52
81826	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	4	< 5				
81827	0.61	9	122	< 2	0.26	< 5	< 10	50	< 5	10	48	246				
81828	0.30	10	94	< 2	0.26	< 5	< 10	53	< 5	7	54	163				
81829	0.21	9	132	2	0.23	< 5	< 10	44	< 5	9	35	260				
81830	0.24	12	98	3	0.32	< 5	< 10	61	< 5	10	39	239				
81831	0.36	11	107	6	0.30	< 5	< 10	53	< 5	11	45	238				
81832	0.49	13	92	5	0.36	< 5	< 10	67	< 5	11	63	139				
81833	0.64	11	107	< 2	0.30	< 5	< 10	59	< 5	11	61	111				
81834	0.34	8	98	4	0.17	< 5	< 10	38	< 5	6	50	200				
81835	0.21	8	87	< 2	0.17	< 5	< 10	39	< 5	6	44	214				
81836	0.21	6	70	< 2	0.14	< 5	< 10	32	< 5	5	36	143				
81837	0.32	6	76	3	0.16	< 5	< 10	35	< 5	5	45	116				
81838	0.51	13	52	5	0.41	< 5	< 10	66	< 5	10	83	156				
81839	0.30	10	87	< 2	0.30	< 5	< 10	51	< 5	8	57	170				
81840	0.70	9	123	< 2	0.27	< 5	< 10	51	< 5	7	24	95				
81841	0.48	5	125	< 2	0.11	< 5	< 10	38	< 5	4	21	25				
81842	0.58	11	67	< 2	0.23	< 5	< 10	124	< 5	6	105	30				
81843	1.02	25	19	4	0.51	< 5	< 10	313	< 5	6	54	51				
81844	2.22	21	37	< 2	0.41	< 5	< 10	287	< 5	6	34	47				
81845	0.53	20	61	3	0.39	< 5	< 10	149	< 5	6	65	44				
81846	1.09	17	63	2	0.37	< 5	< 10	143	< 5	6	159	43				
81847	1.26	13	66	< 2	0.27	< 5	< 10	117	< 5	5	26	34				
81848	0.54	19	64	5	0.39	< 5	< 10	138	< 5	7	47	46				
81849	0.53	19	63	4	0.39	< 5	< 10	136	< 5	7	46	46				
81850	19.3	< 4	33	3	0.05	23	< 10	64	19	8	> 10000	24	157	1.21	9.28	1.50
81851	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	5	< 5				
81852	1.04	20	58	< 2	0.41	< 5	< 10	157	< 5	7	40	49				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81853	0.76	19	67	< 2	0.38	< 5	< 10	149	< 5	6	66	46				
81854	1.88	31	49	< 2	0.58	< 5	< 10	230	< 5	8	85	67				
81855	1.48	19	61	< 2	0.37	< 5	< 10	136	< 5	6	21	43				
81856	2.68	12	69	< 2	0.30	< 5	< 10	93	< 5	6	1570	48				
81857	0.81	22	57	3	0.59	< 5	< 10	185	< 5	8	70	85				
81858	1.67	24	54	3	0.62	< 5	< 10	190	8	9	728	95				
81859	1.36	24	51	6	0.57	< 5	< 10	185	< 5	9	37	81				
81860	2.35	22	52	4	0.51	< 5	< 10	182	< 5	8	45	81				
81861	2.77	16	60	10	0.34	< 5	< 10	138	< 5	7	258	59				
81862	1.71	15	60	2	0.34	< 5	< 10	129	10	6	1040	59				
81863	1.96	19	54	3	0.41	< 5	< 10	165	6	8	495	68				
81864	1.74	20	51	2	0.44	< 5	< 10	173	< 5	8	41	65				
81865	1.83	19	54	< 2	0.41	< 5	< 10	159	8	7	566	68				
81866	1.47	17	57	< 2	0.42	< 5	< 10	147	< 5	6	29	60				
81867	1.75	16	60	< 2	0.39	< 5	< 10	142	< 5	8	21	61				
81868	1.53	18	56	3	0.42	< 5	< 10	154	< 5	7	22	60				
81869	1.45	16	66	3	0.39	< 5	< 10	155	< 5	6	24	56				
81870	1.73	20	55	4	0.46	< 5	< 10	161	6	7	547	72				
81871	2.24	21	54	5	0.48	< 5	< 10	176	< 5	8	21	73				
81872	2.15	18	62	< 2	0.42	< 5	< 10	161	< 5	8	74	62				
81873	1.18	20	64	< 2	0.45	< 5	< 10	155	< 5	8	53	66				
81874	1.20	20	67	4	0.46	< 5	< 10	157	< 5	8	51	69				
81875	19.7	< 4	30	< 2	0.05	26	< 10	65	26	8	> 10000	24	157	1.20	9.24	1.50
81876	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	8	< 5				
81877	1.31	20	72	< 2	0.47	< 5	< 10	154	8	8	707	67				
81878	1.70	20	70	2	0.47	< 5	< 10	158	< 5	8	66	69				
81879	2.18	23	61	3	0.53	< 5	< 10	175	< 5	8	52	78				
81880	5.04	8	119	< 2	0.19	< 5	< 10	67	< 5	5	1730	39				
81881	1.83	8	90	< 2	0.18	< 5	< 10	67	< 5	4	33	31				
81882	1.69	9	89	< 2	0.19	< 5	< 10	82	< 5	4	31	34				
81883	2.21	7	95	< 2	0.15	< 5	< 10	53	< 5	4	17	26				
81884	1.95	18	64	< 2	0.40	< 5	< 10	138	< 5	7	24	63				
81885	2.18	17	64	< 2	0.38	< 5	< 10	130	< 5	7	25	58				
81886	1.95	12	91	< 2	0.28	< 5	< 10	91	< 5	6	20	43				
81887	2.53	20	58	4	0.45	< 5	< 10	156	< 5	7	48	71				
81888	2.83	20	57	5	0.43	< 5	< 10	154	< 5	7	30	67				
81889	4.30	19	62	< 2	0.37	< 5	< 10	148	< 5	7	32	63				
81890	1.91	21	61	< 2	0.48	< 5	< 10	171	< 5	8	37	71				
81891	1.74	21	68	3	0.46	< 5	< 10	175	< 5	8	38	70				
81892	1.90	22	73	5	0.45	< 5	< 10	167	< 5	8	39	73				
81893	1.93	23	68	3	0.46	< 5	< 10	179	< 5	8	41	82				
81894	3.11	21	76	5	0.46	< 5	< 10	158	< 5	7	34	69				
81895	1.82	19	85	9	0.48	< 5	< 10	150	< 5	7	44	66				
81896	2.13	23	75	3	0.53	< 5	< 10	170	< 5	8	63	76				
81897	1.74	22	84	2	0.50	< 5	< 10	160	< 5	7	48	72				
81898	1.94	21	79	7	0.49	< 5	< 10	162	< 5	7	46	75				
81899	1.81	22	81	4	0.48	< 5	< 10	162	< 5	7	45	75				
81900	19.4	< 4	30	3	0.04	29	< 10	65	22	7	> 10000	24	156	1.24	9.43	1.51
81901	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	4	< 5				
81902	2.21	23	76	6	0.50	< 5	< 10	178	< 5	8	50	78				
81903	2.23	21	81	4	0.48	< 5	< 10	166	< 5	8	48	74				
81904	2.66	19	87	3	0.44	< 5	< 10	145	< 5	8	271	69				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81905	2.40	18	95	3	0.49	< 5	< 10	147	< 5	8	69	70				
81906	2.49	22	91	5	0.56	< 5	< 10	173	< 5	7	55	76				
81907	1.70	24	97	6	0.59	< 5	< 10	186	< 5	7	35	81				
81908	4.28	24	111	10	0.56	< 5	< 10	188	6	8	64	83				
81909	4.99	19	116	2	0.48	< 5	< 10	164	7	7	637	68				
81910	5.82	22	128	13	0.51	< 5	< 10	175	< 5	8	62	73				
81911	2.92	21	117	3	0.52	< 5	< 10	169	< 5	7	1260	71				
81912	2.24	29	102	8	0.71	< 5	< 10	211	< 5	9	42	87				
81913	2.83	27	77	4	0.71	< 5	< 10	213	< 5	9	89	93				
81914	0.41	31	94	< 2	0.24	< 5	< 10	109	< 5	9	69	43				
81915	2.87	24	92	3	0.66	< 5	< 10	204	< 5	7	80	82				
81916	3.09	25	130	5	0.65	< 5	< 10	213	9	10	817	88				
81917	2.83	24	142	8	0.58	< 5	< 10	197	< 5	9	54	80				
81918	3.15	15	128	< 2	0.36	< 5	< 10	127	< 5	7	43	53				
81919	9.38	22	63	6	0.44	< 5	< 10	166	< 5	8	39	73				
81920	4.00	25	82	2	0.62	< 5	< 10	213	< 5	8	68	90				
81921	6.24	25	74	< 2	0.55	< 5	< 10	197	< 5	7	50	82				
81922	3.68	28	72	7	0.65	< 5	< 10	214	< 5	8	54	91				
81923	4.89	26	86	3	0.59	< 5	< 10	207	< 5	8	61	84				
81924	4.63	26	83	4	0.57	< 5	< 10	210	< 5	8	57	84				
81925	18.4	< 4	24	4	0.04	30	< 10	60	< 5	8	> 10000	23	154	1.20	9.22	1.48
81926	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	17	< 5				
81927	0.93	29	105	12	0.39	< 5	< 10	131	< 5	8	86	67				
81928	8.80	21	80	5	0.45	< 5	< 10	184	< 5	9	42	74				
81929	5.33	16	90	< 2	0.44	< 5	< 10	134	< 5	7	27	82				
81930	1.18	22	103	< 2	0.52	< 5	< 10	117	< 5	9	286	84				
81931	2.27	26	115	5	0.44	< 5	< 10	141	< 5	8	67	58				
81932	1.71	28	144	9	0.40	< 5	< 10	141	< 5	7	78	55				
81933	2.41	28	114	8	0.59	< 5	< 10	196	< 5	8	69	78				
81934	2.82	20	102	4	0.55	< 5	< 10	170	< 5	8	67	65				
81935	4.04	6	48	< 2	0.15	< 5	< 10	54	< 5	3	7140	26				
81936	2.25	20	107	3	0.47	< 5	< 10	160	< 5	7	51	60				
81937	1.57	23	89	< 2	0.48	< 5	< 10	164	< 5	7	104	65				
81938	1.67	23	96	< 2	0.38	< 5	< 10	124	< 5	8	61	53				
81939	1.52	23	101	< 2	0.35	< 5	< 10	96	< 5	8	153	42				
81940	1.40	25	95	< 2	0.33	< 5	< 10	88	< 5	7	61	30				
81941	2.14	24	83	< 2	0.40	< 5	20	132	10	11	64	55				
81942	1.32	24	98	< 2	0.35	< 5	< 10	97	< 5	8	68	39				
81943	1.49	24	98	< 2	0.42	< 5	< 10	135	< 5	8	231	59				
81944	1.35	27	99	< 2	0.58	< 5	< 10	184	< 5	7	52	71				
81945	0.97	27	105	< 2	0.68	< 5	< 10	212	< 5	8	1950	89				
81946	1.59	25	101	11	0.63	< 5	< 10	199	< 5	7	66	76				
81947	1.04	28	112	< 2	0.44	< 5	< 10	143	< 5	7	67	66				
81948	0.62	29	110	< 2	0.24	< 5	< 10	83	< 5	7	69	31				
81949	0.68	30	108	< 2	0.24	< 5	< 10	79	< 5	7	72	22				
81950	18.8	< 4	25	13	0.04	28	< 10	60	< 5	8	> 10000	24	158	1.23	9.41	1.51
81951	0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	29	< 5				
81952	0.35	29	116	< 2	0.41	< 5	< 10	164	< 5	8	66	58				
81953	0.31	31	110	< 2	0.17	< 5	< 10	111	< 5	9	42	40				
81954	0.42	22	93	5	1.08	< 5	< 10	243	< 5	6	70	172				
81955	0.60	30	110	4	0.65	< 5	< 10	205	< 5	9	77	107				
81956	0.74	30	124	3	0.45	< 5	< 10	161	< 5	8	77	90				

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
81957	1.27	27	142	3	0.40	< 5	< 10	149	< 5	8	67	86				
81958	1.30	27	148	< 2	0.34	< 5	< 10	132	< 5	8	60	75				
81959	0.25	27	193	< 2	0.20	< 5	< 10	105	< 5	9	65	43				
81960	0.12	26	251	< 2	0.20	< 5	< 10	86	< 5	9	59	42				
81961	0.25	27	271	< 2	0.17	< 5	< 10	97	< 5	10	67	36				
81962	0.18	25	197	8	0.38	< 5	< 10	163	< 5	7	73	79				
81963	0.45	25	184	< 2	0.36	< 5	< 10	152	< 5	7	72	72				
81964	0.42	30	132	2	0.39	< 5	< 10	144	< 5	7	82	85				
81965	0.64	18	130	< 2	0.55	< 5	< 10	62	< 5	16	127	192				
81966	0.52	17	125	< 2	0.46	< 5	< 10	39	< 5	20	143	200				
81967	0.48	16	151	< 2	0.41	< 5	< 10	41	< 5	19	138	172				
81968	0.40	16	155	2	0.35	< 5	< 10	34	< 5	17	144	108				
81969	0.33	15	198	9	0.33	< 5	< 10	35	< 5	17	110	118				
81970	0.49	16	230	4	0.37	< 5	< 10	30	< 5	17	125	107				
81971	0.26	15	218	10	0.36	< 5	< 10	37	< 5	16	131	122				
81972	0.22	16	207	< 2	0.22	< 5	< 10	37	< 5	16	134	80				
81973	0.23	15	188	3	1.20	< 5	< 10	95	< 5	12	129	281				
81974	0.16	16	197	13	0.36	< 5	< 10	60	< 5	17	136	171				
81975	18.8	< 4	25	7	0.04	28	< 10	61	< 5	8	> 10000	24	157	1.24	9.36	1.50
81976	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	19	< 5				
81977	0.27	15	269	< 2	0.26	< 5	< 10	26	< 5	16	111	103				
81978	0.42	16	223	6	0.35	< 5	< 10	35	< 5	17	128	115				
81979	0.25	14	264	5	0.44	< 5	< 10	48	< 5	16	111	146				
81980	0.27	15	263	12	0.47	< 5	< 10	50	< 5	16	115	156				
81981	0.26	15	229	4	0.56	< 5	< 10	53	< 5	15	125	176				
81982	0.41	15	225	10	0.31	< 5	< 10	34	< 5	16	117	78				
81983	1.06	14	162	8	1.10	< 5	< 10	83	< 5	17	177	283				
81984	0.65	15	130	12	0.61	< 5	< 10	66	< 5	20	122	280				
81985	2.16	11	135	3	0.66	< 5	< 10	64	< 5	16	1750	235				
81986	2.33	6	159	< 2	0.42	< 5	< 10	31	< 5	8	2150	104				
81987	0.12	14	150	4	0.17	< 5	< 10	34	< 5	16	120	94				
81988	0.10	16	148	6	0.19	< 5	< 10	34	< 5	17	113	96				
81989	0.21	16	146	< 2	0.24	< 5	< 10	37	< 5	16	117	116				
81990	0.48	13	124	7	0.49	< 5	< 10	57	< 5	16	102	171				
81991	0.46	13	123	8	0.64	< 5	< 10	65	< 5	13	113	204				
81992	0.10	14	118	< 2	0.23	< 5	< 10	32	< 5	15	91	107				
81993	0.48	13	116	< 2	0.98	< 5	< 10	76	< 5	14	84	251				

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	30.9	2.08	388	655	1	1390	0.87	3.3	8	12	1120	23.6	8	4	0.04	0.21	7	876	14	0.04	43	0.057	723	18
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-1 Meas	27.9	4.14	356	> 1000	1	1270	0.87	3.0	9	12	1020	21.7	10	3	0.05	0.27	10	841	13	0.06	40	0.052	651	37
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-1 Meas	31.9	2.30	430	687	1	1370	0.88	3.3	8		1190	23.8	8	4	0.05	0.22	8	964	15	0.05	47	0.060	764	38
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20		1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-1 Meas	31.8	2.31	429	642	1	1380	0.87	3.3	8		1140	24.1	10	4	0.05	0.21	8	857	15	0.05	46	0.058	712	30
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20		1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
GXR-4 Meas	3.4	7.63	92	128	2	7	1.08	0.5	16	62	6510	3.12	25	< 1	1.87	1.72	12	159	314	0.51	44	0.132	43	7
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
GXR-4 Meas	3.6	6.76	94	148	2	7	1.08	0.4	16	46	6430	3.18	23	< 1	2.85	1.73	11	152	321	0.52	43	0.135	43	< 5
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
GXR-4 Meas	3.4	6.34	110	292	2	27	1.06	0.4	15	47	6440	3.07	22	1	4.12	1.67	10	202	313	0.49	43	0.127	49	< 5
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
GXR-4 Meas	3.5	6.99	106	172	2	19	1.06	0.4	16	39	6490	3.09	22	1	3.90	1.72	11	153	314	0.52	43	0.131	44	6
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
SDC-1 Meas	< 0.3	7.68	< 3	630	3	< 2	1.01	< 0.3	20	58	28	4.80	24	< 1	1.85	0.99	33	887	< 1	1.50	38	0.055	21	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.02	< 3	597	3	< 2	1.05	< 0.3	20	50	27	4.74	26	< 1	1.56	0.97	33	866	< 1	1.48	36	0.053	20	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.08	< 3	630	3	< 2	1.06	< 0.3	19	44	30	4.57	29	< 1	2.31	1.01	33	905	< 1	1.50	37	0.056	19	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SDC-1 Meas	< 0.3	8.67	11	630	3	< 2	1.07	< 0.3	20	38	29	4.73	25	2	4.00	0.99	34	894	< 1	1.49	39	0.054	14	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SCO-1 Meas	0.3	7.19	8	635	2	< 2	1.96	0.3	12	54	28	3.65	23		2.26	1.58	42	396	< 1	0.69	30	0.084	29	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	7.15	13	518	2	< 2	1.93	< 0.3	12	51	27	3.58	21		1.40	1.56	41	385	< 1	0.65	29	0.083	25	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	7.19	10	586	2	< 2	1.89	0.4	11	52	28	3.50	24		2.60	1.63	43	423	< 1	0.67	30	0.085	24	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
SCO-1 Meas	< 0.3	7.38	5	558	2	< 2	1.92	< 0.3	12	44	28	3.52	21		3.24	1.58	43	383	< 1	0.66	29	0.082	25	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
GXR-6 Meas	0.5	13.2	294	> 1000	1	3	0.18	0.6	15	54	67	5.69	33	< 1	2.26	0.61	33	1070	4	0.10	27	0.038	93	5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.4	12.6	240	> 1000	1	< 2	0.16	0.4	16	62	85	5.63	31	< 1	1.82	0.58	31	1080	1	0.09	27	0.034	92	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.5	12.9	300	> 1000	1	< 2	0.17	0.5	15	63	72	5.77	34	5	2.30	0.62	33	1190	< 1	0.09	30	0.038	98	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
GXR-6 Meas	0.4	14.5	306	> 1000	1	< 2	0.20	0.4	15	59	66	5.70	37	2	2.28	0.64	37	1070	< 1	0.10	29	0.038	90	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
PTC-1a Meas																								
PTC-1a Cert																								
OREAS 14P Meas																								
OREAS 14P Cert																								
MP-1b Meas																								
MP-1b Cert																								
SAR-M (U.S.G.S.) Meas	4.3	6.24	35	849	3	< 2	0.63	5.6	13	84	321	3.31	20		2.69	0.49	29	5260	12	1.19	52	0.068	997	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.7	6.06	28	794	3	< 2	0.65	4.6	12	77	316	3.37	21		2.71	0.49	30	4530	5	1.15	52	0.063	897	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.3	5.87	31	818	3	< 2	0.64	4.8	11		317	3.31	22		3.47	0.52	30	4910	4	1.19	51	0.065	952	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
SAR-M (U.S.G.S.) Meas	3.3	6.54	22	811	3	< 2	0.65	5.7	13		318	3.24	21		3.88	0.49	30	5350	5	1.19	48	0.064	1010	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70		331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
DNC-1a Meas				93					55	177	93						4				246			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				92					54	117	91						4				239			< 5

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				100					56	125	99						5				251			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
DNC-1a Meas				93					55	119	92						4				246			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
OREAS 13b (4-Acid) Meas																								
OREAS 13b (4-Acid) Cert																								
CCu-1d Meas																								
CCu-1d Cert																								
CPB-2 Meas																								
CPB-2 Cert																								
CZN-4 Meas																								
CZN-4 Cert																								
81820 Orig	< 0.3	7.89	< 3	781	2	< 2	0.19	< 0.3	18	63	22	3.14	28	< 1	3.39	1.15	41	298	< 1	0.57	40	0.025	13	< 5
81820 Dup	< 0.3	8.06	< 3	794	2	< 2	0.19	< 0.3	18	89	18	3.12	28	< 1	5.12	1.14	40	299	< 1	0.56	41	0.024	13	< 5
81825 Orig																								
81825 Dup																								
81830 Split	0.4	7.59	< 3	742	2	< 2	0.22	< 0.3	16	71	16	2.57	24	< 1	3.06	0.79	29	237	< 1	0.54	31	0.026	11	< 5
81834 Orig	0.3	6.19	< 3	732	1	< 2	0.40	< 0.3	14	51	14	2.52	20	< 1	6.49	0.76	18	311	< 1	0.52	21	0.024	9	< 5
81834 Dup	0.4	6.04	< 3	737	1	< 2	0.40	< 0.3	14	60	15	2.51	20	< 1	7.04	0.76	18	321	< 1	0.52	22	0.024	12	< 5
81849 Split	< 0.3	4.04	< 3	194	< 1	2	9.40	< 0.3	37	442	47	3.96	12	< 1	2.16	4.98	30	634	< 1	0.50	163	0.045	32	< 5
81859 Orig	< 0.3	5.37	< 3	196	< 1	< 2	7.92	0.3	38	286	64	3.45	19	< 1	2.62	4.68	47	679	< 1	0.13	173	0.055	< 3	< 5
81859 Dup	< 0.3	5.50	< 3	218	< 1	< 2	8.08	< 0.3	38	246	66	3.51	19	1	3.13	4.78	48	700	< 1	0.13	183	0.056	< 3	< 5
81860 Split	< 0.3	5.17	3	157	< 1	3	8.71	< 0.3	38	332	53	4.46	17	< 1	2.47	4.94	53	629	< 1	0.06	188	0.041	6	< 5
81873 Orig	< 0.3	4.75	7	106	< 1	< 2	10.2	0.4	42	195	58	3.40	17	4	3.88	6.24	45	898	< 1	0.03	115	0.031	15	< 5
81873 Dup	< 0.3	4.77	< 3	105	< 1	< 2	10.3	0.4	43	208	58	3.41	17	< 1	3.90	6.25	45	919	< 1	0.03	123	0.030	17	< 5
81890 Split	< 0.3	5.06	< 3	120	< 1	< 2	9.05	< 0.3	34	272	64	4.62	16	< 1	1.99	5.01	40	712	< 1	0.04	134	0.071	< 3	< 5
81898 Orig	0.3	5.08	< 3	243	< 1	< 2	9.19	0.5	34	239	47	4.67	17	< 1	2.60	5.62	41	774	< 1	0.17	163	0.031	< 3	< 5
81898 Dup	< 0.3	5.02	< 3	247	< 1	< 2	9.12	0.3	32	233	45	4.62	20	< 1	2.61	5.58	41	760	< 1	0.17	164	0.031	< 3	< 5
81899 Split	< 0.3	5.12	< 3	171	< 1	< 2	9.16	< 0.3	35	266	49	4.65	19	< 1	2.09	5.28	40	710	< 1	0.18	160	0.026	< 3	< 5
81912 Orig	< 0.3	6.86	5	277	< 1	3	7.40	0.5	61	303	57	4.51	22	< 1	4.25	4.42	35	900	< 1	1.24	285	0.054	5	< 5
81912 Dup	0.3	6.77	< 3	262	< 1	< 2	7.33	0.4	61	307	60	4.49	24	< 1	4.18	4.38	35	889	< 1	1.24	284	0.052	4	< 5
81920 Split	< 0.3	5.66	< 3	87	< 1	3	6.61	< 0.3	66	247	49	7.11	18	< 1	2.05	3.96	33	820	< 1	0.96	254	0.054	< 3	< 5
81938 Orig	< 0.3	5.30	< 3	170	< 1	< 2	7.52	< 0.3	40	214	64	5.62	19	< 1	2.20	5.20	44	877	< 1	0.71	151	0.047	< 3	< 5
81938 Dup	< 0.3	5.28	< 3	163	< 1	< 2	7.48	< 0.3	41	205	71	5.66	17	< 1	2.28	5.15	44	870	< 1	0.71	148	0.045	< 3	< 5
81949 Orig	< 0.3	6.65	< 3	538	< 1	< 2	5.53	< 0.3	55	276	66	6.39	21	< 1	2.75	5.10	58	801	< 1	1.08	233	0.049	< 3	< 5
81949 Split	< 0.3	6.68	6	571	< 1	< 2	5.59	< 0.3	54	281	68	6.35	20	< 1	2.49	5.09	58	811	< 1	1.05	235	0.050	< 3	< 5
81952 Orig	< 0.3	6.66	< 3	718	< 1	< 2	6.20	< 0.3	58	290	77	5.71	20	< 1	4.17	4.85	66	925	< 1	0.27	205	0.051	< 3	< 5
81952 Split	< 0.3	6.63	< 3	675	< 1	< 2	6.32	< 0.3	60	287	79	5.72	19	< 1	2.58	4.83	66	936	< 1	0.26	205	0.052	< 3	< 5
81952 Orig	< 0.3	6.78	< 3	713	< 1	< 2	6.29	< 0.3	59	292	76	5.82	20	< 1	4.22	4.94	67	942	< 1	0.27	209	0.050	< 3	< 5
81952 Dup	0.9	6.54	< 3	723	< 1	3	6.12	< 0.3	58	289	78	5.61	20	< 1	4.11	4.76	64	908	< 1	0.26	200	0.051	41	< 5
81976 Orig	< 0.3	0.04	< 3	7	< 1	< 2	0.02	< 0.3	< 1	5	6	0.17	< 1	< 1	< 0.01	0.01	5	20	< 1	< 0.01	2	< 0.001	4	< 5
81976 Dup	< 0.3	0.04	< 3	8	< 1	< 2	0.02	< 0.3	< 1	9	5	0.17	< 1	< 1	< 0.01	0.01	5	35	< 1	< 0.01	3	< 0.001	< 3	< 5
81990 Orig	< 0.3	5.67	6	635	1	3	7.79	< 0.3	29	20	21	4.63	23	< 1	3.36	4.90	51	1020	< 1	0.47	56	0.130	4	< 5
81990 Dup	0.4	5.84	5	653	1	2	7.91	< 0.3	31	23	21	4.74	24	< 1	3.60	5.04	52	1040	< 1	0.49	55	0.134	3	< 5
81993 Orig	0.4	5.77	< 3	628	1	7	6.11	< 0.3	32	36	19	6.30	23	< 1	1.90	3.91	46	1250	< 1	0.59	59	0.221	< 3	< 5
81993 Split	< 0.3	6.05	< 3	677	1	< 2	6.48	< 0.3	33	26	154	6.42	24	< 1	2.18	4.07	47	1310	< 1	0.60	69	0.154	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	0.02	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1			< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank																								

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
GXR-1 Meas	0.24	< 4	287	13		< 5	30	88	156	27	718	26				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-1 Meas	0.22	< 4	271	13		< 5	30	82	171	25	658	36				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-1 Meas	0.26	< 4	292	13		< 5	30	94	165	26	771	27				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-1 Meas	0.25	< 4	277	13		< 5	30	85	157	27	709	27				
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0				
GXR-4 Meas	1.76	9	219	2		< 5	< 10	93	39	13	72	53				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
GXR-4 Meas	1.81	9	223	< 2		< 5	< 10	95	36	13	74	46				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
GXR-4 Meas	1.75	8	214	< 2		< 5	< 10	89	59	12	78	44				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
GXR-4 Meas	1.74	8	216	4		< 5	< 10	96	38	13	69	48				
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186				
SDC-1 Meas	0.07	16	163		0.37	< 5	< 10	78	< 5	31	99	54				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.06	17	168		0.28	< 5	< 10	65	< 5	31	99	47				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.07	16	172		0.34	< 5	< 10	68	< 5	30	103	47				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SDC-1 Meas	0.07	16	174		0.17	< 5	< 10	47	< 5	32	98	39				
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00				
SCO-1 Meas	0.08	13	162		0.32			133	< 5	19	98	112				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	13	159		0.35			137	< 5	19	97	118				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	13	161		0.37			136	< 5	18	102	117				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
SCO-1 Meas	0.08	13	160		0.33			132	< 5	19	95	112				
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160				
GXR-6 Meas	0.02	32	42	13		< 5	< 10	199	< 5	13	129	118				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	30	38	7		< 5	< 10	136	< 5	13	130	81				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	32	38	2		< 5	< 10	176	6	13	136	103				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
GXR-6 Meas	0.02	33	43	< 2		< 5	< 10	173	< 5	14	129	106				
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110				
PTC-1a Meas													54	13.7		0.055
PTC-1a Cert													56.0	13.51		0.05
OREAS 14P Meas														0.964		
OREAS 14P Cert														0.997		
MP-1b Meas													48	3.00	17.1	2.07
MP-1b Cert													47.0	3.069	16.67	2.091
SAR-M (U.S.G.S.) Meas		10	155	3	0.40	< 5	< 10	74	16	33	965					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		10	151	< 2	0.28	< 5	< 10	60	12	36	821					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		10	148	< 2	0.24	< 5	< 10	55	13	35	901					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
SAR-M (U.S.G.S.) Meas		9	155	5	0.26	< 5	< 10	56	12	34	975					
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0					
DNC-1a Meas		31	124					141		14	54	36				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		30	123					139		14	55	35				

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		31	128					141		14	57	36				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
DNC-1a Meas		31	118					138		14	50	36				
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38				
OREAS 13b (4-Acid) Meas													< 3	0.241	0.034	
OREAS 13b (4-Acid) Cert													0.86	0.230	0	
CCu-1d Meas													122	24.5	2.63	0.256
CCu-1d Cert													120.7	23.93	2.63	0.262
CPB-2 Meas														0.130		
CPB-2 Cert														0.1213		
CZN-4 Meas													50	0.402	55.9	0.185
CZN-4 Cert													51.4	0.403	55.24	0.1861
81820 Orig	0.12	13	94	4	0.32	< 5	< 10	64	< 5	9	58	100				
81820 Dup	0.12	13	96	5	0.21	< 5	< 10	51	< 5	9	59	76				
81825 Orig													160	1.25	9.60	1.54
81825 Dup													157	1.23	9.30	1.50
81830 Split	0.24	12	92	< 2	0.30	< 5	< 10	62	< 5	10	39	234				
81834 Orig	0.33	8	97	7	0.17	< 5	< 10	38	< 5	6	52	197				
81834 Dup	0.34	7	99	2	0.17	< 5	< 10	38	< 5	6	49	204				
81849 Split	0.51	19	64	< 2	0.37	< 5	< 10	137	< 5	7	42	47				
81859 Orig	1.36	23	50	9	0.56	< 5	< 10	184	< 5	9	37	81				
81859 Dup	1.36	24	51	4	0.57	< 5	< 10	187	< 5	9	38	82				
81860 Split	2.23	22	51	< 2	0.49	< 5	< 10	173	< 5	8	39	80				
81873 Orig	1.17	20	64	< 2	0.45	< 5	< 10	154	< 5	8	54	67				
81873 Dup	1.19	20	65	4	0.45	< 5	< 10	156	< 5	8	52	66				
81890 Split	1.88	21	62	2	0.48	< 5	< 10	171	< 5	9	35	71				
81898 Orig	1.96	21	80	11	0.50	< 5	< 10	162	< 5	7	46	76				
81898 Dup	1.92	21	78	3	0.48	< 5	< 10	161	< 5	7	47	74				
81899 Split	1.82	21	81	< 2	0.46	< 5	< 10	164	< 5	8	45	74				
81912 Orig	2.24	29	103	9	0.72	< 5	< 10	227	< 5	9	43	94				
81912 Dup	2.24	29	102	8	0.70	< 5	< 10	196	< 5	9	41	79				
81920 Split	3.83	24	83	< 2	0.57	< 5	< 10	199	< 5	8	63	86				
81938 Orig	1.66	23	96	< 2	0.40	< 5	< 10	129	< 5	8	61	57				
81938 Dup	1.68	23	96	< 2	0.36	< 5	< 10	120	< 5	8	60	49				
81949 Orig	0.68	30	108	< 2	0.24	< 5	< 10	79	< 5	7	72	22				
81949 Split	0.67	29	109	7	0.25	< 5	< 10	79	< 5	7	68	26				
81952 Orig	0.35	29	116	< 2	0.41	< 5	< 10	164	< 5	8	66	58				
81952 Split	0.36	29	112	< 2	0.20	< 5	< 10	107	< 5	8	67	38				
81952 Orig	0.36	30	117	10	0.30	< 5	< 10	144	< 5	8	68	48				
81952 Dup	0.35	29	114	< 2	0.51	< 5	< 10	184	< 5	8	65	68				
81976 Orig	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	25	< 5				
81976 Dup	< 0.01	< 4	1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	13	< 5				
81990 Orig	0.48	13	124	3	0.46	< 5	< 10	52	< 5	15	102	154				
81990 Dup	0.49	13	125	11	0.52	< 5	< 10	61	< 5	16	102	189				
81993 Orig	0.48	13	116	< 2	0.98	< 5	< 10	76	< 5	14	84	251				
81993 Split	0.38	14	122	7	0.30	< 5	< 10	35	< 5	16	91	107				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	3	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Cu	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES	ICP-OES
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	10	< 1	< 1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5				
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5				
Method Blank													< 3	< 0.001	< 0.001	< 0.003

2012 – Prospection : Rio Silver

Quality Analysis ... *Innovative Technologies*

Date Submitted: 16-Nov-12
Invoice No.: A12-12864-Au
Invoice Date: 26-Nov-12
Your Reference: KAN BATCH #6

Rio Silver Inc.
40 University Ave.
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: J. Magee

CERTIFICATE OF ANALYSIS

1 Other sample and 16 Rock samples were submitted for analysis.

The following analytical packages were requested:
Code 1A2 Au - Fire Assay AA
Code 1F2 Total Digestion ICP(TOTAL)
Code Weight Report Received(kg) & Pulp(g) weights

REPORT **A12-12864-Au**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :

Eric Hoffman Ph.D.
President/General Manager

SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or
+1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Received Weight
Unit Symbol	ppb	Kg
Detection Limit	5	
Analysis Method	FA-AA	none
52626	533	2.85
52627	645	1.40
52628	114	1.40
52629	316	1.63
52630	51	0.443
52631	< 5	0.869
52632	502	3.78
52633	1330	2.19
52634	408	3.86
52635	5	2.08
52636	< 5	0.861
52637	526	0.560
52638	335	0.549
52639	1310	1.50
52640	551	1.77
52641	706	0.587
52642	< 5	0.561

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
CDN-GS-P7H Meas	808
CDN-GS-P7H Cert	799.00
52634 Orig	405
52634 Dup	411
Method Blank	< 5

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 16-Nov-12
Invoice No.: A12-12864-ICP
Invoice Date: 04-Dec-12
Your Reference: KAN BATCH #6

Rio Silver Inc.
40 University Ave
Suite 710
Toronto ON M5J 1T1
Canada

ATTN: Darren Smith

CERTIFICATE OF ANALYSIS

1 Other sample and 16 Rock samples were submitted for analysis.

The following analytical packages were requested:

REPORT **A12-12864-ICP**

Code 1F2 Total Digestion ICP(TOTAL)
Code 8-4 Acid Total Digestion Code 8-4 Acid Total Digestion Assays
Code Weight Report Received(kg) & Pulp(g) weights

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
52626	> 100	0.11	> 5000	< 7	< 1	< 2	0.31	292	2	5	357	22.8	15	76	0.02	0.06	< 1	191	3	0.02	48	0.001	> 5000	149
52627	> 100	0.08	> 5000	< 7	< 1	4	0.10	390	4	9	248	19.8	18	100	0.02	0.02	< 1	132	1	0.01	37	< 0.001	> 5000	204
52628	5.9	4.51	117	234	< 1	< 2	0.17	58.6	3	58	331	13.6	27	11	1.96	0.23	6	1040	15	0.17	45	0.016	1080	< 5
52629	> 100	1.01	3180	11	< 1	< 2	0.08	231	3	17	399	16.2	18	63	0.43	0.04	1	87	7	0.04	23	0.004	> 5000	51
52630	4.0	1.55	39	16	< 1	2	< 0.01	2.2	< 1	35	407	38.4	< 1	2	0.65	0.14	6	38	7	0.03	300	0.008	415	< 5
52631	< 0.3	9.44	< 3	458	3	< 2	< 0.01	< 0.3	< 1	73	22	4.53	32	< 1	3.78	0.73	36	77	< 1	0.27	6	0.020	65	< 5
52632	> 100	0.06	4710	< 7	< 1	4	0.02	295	2	5	1510	28.3	13	134	0.01	0.02	< 1	674	1	0.01	87	0.002	> 5000	135
52633	> 100	0.10	4190	7	< 1	< 2	< 0.01	2.5	2	11	29	2.15	5	91	0.03	0.01	< 1	73	3	0.02	3	0.007	> 5000	34
52634	99.9	0.15	> 5000	11	< 1	< 2	0.01	254	21	7	687	28.5	14	140	0.06	0.01	< 1	68	2	0.03	50	0.004	> 5000	42
52635	1.2	0.08	53	< 7	< 1	< 2	0.42	< 0.3	< 1	13	6	26.5	13	3	0.03	2.46	< 1	3900	< 1	< 0.01	6	0.018	241	< 5
52636	< 0.3	4.60	28	61	< 1	< 2	2.86	< 0.3	27	121	2	5.12	16	< 1	0.64	2.24	18	859	< 1	1.19	58	0.017	54	< 5
52637	> 100	0.60	> 5000	< 7	< 1	< 2	0.21	95.5	9	24	309	22.1	17	97	0.09	0.08	1	173	3	0.29	19	0.001	> 5000	107
52638	> 100	4.04	3130	356	< 1	< 2	0.01	1.0	< 1	99	121	2.73	19	53	1.84	0.23	20	67	1	0.16	2	< 0.001	> 5000	14
52639	> 100	0.16	4400	8	< 1	< 2	< 0.01	104	4	13	191	18.9	19	100	0.06	< 0.01	< 1	153	3	< 0.01	22	0.001	> 5000	298
52640	> 100	0.01	> 5000	< 7	< 1	< 2	0.04	287	< 1	3	1370	31.3	11	93	< 0.01	0.07	< 1	2650	1	< 0.01	86	0.001	> 5000	182
52641	> 100	0.03	> 5000	< 7	< 1	5	< 0.01	263	7	5	370	27.7	15	188	< 0.01	< 0.01	< 1	99	2	0.01	20	< 0.001	> 5000	197
52642	1.3	6.12	28	578	2	< 2	1.46	< 0.3	9	73	14	8.37	23	< 1	1.88	0.86	14	957	< 1	2.00	22	0.073	168	< 5

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Ag	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	ppm	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5		3	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	ICP-OES	ICP-OES	ICP-OES
52626	> 20.0	< 4	4	31	< 0.01	< 5	< 10	10	15	< 1	> 10000	6	2.85	182	12.7	3.13
52627	> 20.0	< 4	2	25	< 0.01	< 5	< 10	9	11	< 1	> 10000	5	1.40	242	15.8	3.58
52628	0.87	9	23	2	0.18	< 5	< 10	253	8	10	> 10000	92	1.40		2.82	
52629	16.7	< 4	7	9	0.05	< 5	< 10	65	13	3	> 10000	27	1.63	178	8.44	3.78
52630	> 20.0	< 4	4	< 2	0.10	< 5	< 10	49	18	3	888	45	0.443			
52631	0.18	13	27	< 2	0.27	< 5	< 10	114	< 5	5	146	73	0.869			
52632	> 20.0	< 4	< 1	7	< 0.01	< 5	< 10	12	23	< 1	> 10000	7	3.78	233	13.9	3.49
52633	0.57	< 4	1	< 2	0.02	< 5	< 10	9	< 5	< 1	1250	< 5	2.19	162		1.10
52634	> 20.0	< 4	3	18	0.02	< 5	< 10	25	25	< 1	> 10000	11	3.86	115	11.4	2.38
52635	0.14	< 4	7	8	< 0.01	< 5	< 10	20	10	4	730	10	2.08			
52636	0.04	26	75	< 2	0.28	< 5	< 10	202	< 5	3	167	17	0.861			
52637	> 20.0	< 4	16	23	0.06	< 5	< 10	40	13	< 1	> 10000	13	0.560	207	4.95	3.60
52638	1.20	24	17	< 2	0.40	7	< 10	209	13	2	958	33	0.549	137		3.09
52639	> 20.0	< 4	< 1	13	0.01	< 5	< 10	13	12	< 1	> 10000	8	1.50	316	4.63	3.49
52640	> 20.0	< 4	< 1	39	< 0.01	< 5	< 10	10	23	< 1	> 10000	8	1.77	192	12.9	3.13
52641	> 20.0	< 4	< 1	11	< 0.01	< 5	< 10	12	13	< 1	> 10000	8	0.587	211	11.8	2.87
52642	0.05	11	251	< 2	0.35	< 5	< 10	144	< 5	16	165	259	0.561			

Quality Control

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb	Sb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm	ppm
Detection Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3	5
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	31.4	2.22	428	645	1	1430	0.85	3.0	8	10	1160	23.6	9	< 1	0.04	0.20	8	878	16	0.04	55	0.057	725	19
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730	122
DH-1a Meas																								
DH-1a Cert																								
GXR-4 Meas	3.4	7.91	100	122	2	19	1.08	0.5	16	36	6520	3.10	27	< 1	3.01	1.72	12	160	310	0.51	47	0.132	53	< 5
GXR-4 Cert	4.00	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0	4.80
SDC-1 Meas	< 0.3	7.40	< 3	569	3	2	0.93	< 0.3	19	57	28	4.51	29	< 1	1.51	0.96	32	881	< 1	1.45	35	0.058	20	< 5
SDC-1 Cert	0.0410	8.34	0.220	630	3.00	2.60	1.00	0.0800	18.0	64.00	30.00	4.82	21.00	0.20	2.72	1.02	34.00	880.00	0.250	1.52	38.0	0.0690	25.00	0.54
SCO-1 Meas	< 0.3	7.23	9	547	2	< 2	1.85	< 0.3	13	52	27	3.51	24		2.00	1.54	41	398	< 1	0.66	31	0.083	28	< 5
SCO-1 Cert	0.134	7.24	12.00	570	1.80	0.37	1.87	0.140	11.00	68.0	29	3.59	15		2.30	1.64	45	410	1.4	0.670	27	0.0900	31.0	2.50
GXR-6 Meas	0.4	13.3	258	> 1000	1	< 2	0.17	0.4	16	51	72	5.80	38	6	1.84	0.59	32	1100	3	0.09	29	0.035	96	< 5
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101	3.60
PTC-1a Meas																								
PTC-1a Cert																								
MP-1b Meas																								
MP-1b Cert																								
SAR-M (U.S.G.S.) Meas	3.6	6.10	22	786	3	< 2	0.62	5.8	12	76	335	3.20	23		2.95	0.47	27	5120	5	1.16	57	0.062	1000	< 5
SAR-M (U.S.G.S.) Cert	3.64	6.30	38.8	801	2.20	1.94	0.61	5.27	10.70	79.7	331	2.99	16.8		2.94	0.50	27.4	5220	13.10	1.140	41.50	0.070	982	6.00
DNC-1a Meas				93					56	221	95						4				256			< 5
DNC-1a Cert				118					57.0	270	100.0						5.20				247			0.96
OREAS 13b (4-Acid) Meas																								
OREAS 13b (4-Acid) Cert																								
CCu-1d Meas																								
CCu-1d Cert																								
CPB-2 Meas																								
CPB-2 Cert																								
CZN-4 Meas																								
CZN-4 Cert																								
52632 Orig																								
52632 Dup																								
52635 Orig	1.2	0.08	52	< 7	< 1	< 2	0.42	< 0.3	< 1	9	6	26.1	13	1	0.03	2.43	< 1	3870	< 1	< 0.01	5	0.018	240	< 5
52635 Dup	1.2	0.08	53	< 7	< 1	< 2	0.42	0.4	< 1	17	6	26.8	13	4	0.02	2.49	< 1	3930	< 1	< 0.01	6	0.019	242	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	< 1	< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	2	< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3	< 5
Method Blank																								

Quality Control

Analyte Symbol	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Ag	Zn	Pb
Unit Symbol	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
Detection Limit	0.01	4	1	2	0.01	5	10	2	5	1	1	5	3	0.001	0.003
Analysis Method	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	ICP-OES	ICP-OES	ICP-OES
GXR-1 Meas	0.24	< 4	285	14		< 5	30	88	148	27	721	24			
GXR-1 Cert	0.257	1.58	275	13.0		0.390	34.9	80.0	164	32.0	760	38.0			
DH-1a Meas							2710								
DH-1a Cert							2629								
GXR-4 Meas	1.77	8	214	11		< 5	< 10	89	38	14	75	49			
GXR-4 Cert	1.77	7.70	221	0.970		3.20	6.20	87.0	30.8	14.0	73.0	186			
SDC-1 Meas	0.07	16	156		0.60	< 5	< 10	101	< 5	31	92	59			
SDC-1 Cert	0.0650	17.00	180.00		0.606	0.70	3.10	102.00	0.800	40.0	103.00	290.00			
SCO-1 Meas	0.08	13	157		0.35			131	< 5	19	97	108			
SCO-1 Cert	0.0630	11.0	170		0.380			130	1.4	26	100	160			
GXR-6 Meas	0.02	31	38	4		7	< 10	139	< 5	13	130	75			
GXR-6 Cert	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110			
PTC-1a Meas													57		0.064
PTC-1a Cert													56.0		0.05
MP-1b Meas													47	17.0	2.06
MP-1b Cert													47.0	16.67	2.091
SAR-M (U.S.G.S.) Meas		9	147	< 2	0.23	< 5	< 10	56	11	33	938				
SAR-M (U.S.G.S.) Cert		7.83	151.0	0.96	2.7	2.88	3.57	67.20	9.78	28.00	930.0				
DNC-1a Meas		31	126					137		15	59	34			
DNC-1a Cert		31	144.0					148.0		18.0	70.0	38			
OREAS 13b (4-Acid) Meas													< 3	0.011	
OREAS 13b (4-Acid) Cert													0.86	0	
CCu-1d Meas													115	2.47	0.255
CCu-1d Cert													120.7	2.63	0.262
CPB-2 Meas														6.16	
CPB-2 Cert														6.04	
CZN-4 Meas													51	53.9	0.186
CZN-4 Cert													51.4	55.24	0.1861
52632 Orig													233	13.7	3.85
52632 Dup													233	14.0	3.13
52635 Orig	0.14	< 4	7	11	< 0.01	< 5	< 10	19	12	4	726	10			
52635 Dup	0.14	< 4	7	5	< 0.01	< 5	< 10	20	8	4	734	11			
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5			
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5			
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5			
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5			
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	2	< 5			
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5			
Method Blank	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5			
Method Blank													< 3	< 0.001	< 0.003

2011 – CERTIFICATES: Rio Silver

2011 – Prospection : Rio Silver

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 18-SEP-2011
This copy reported on 7-MAR-2012
Account: ESGOLD

CERTIFICATE TB11180778

Project: KAN

P.O. No.:

This report is for 105 Rock samples submitted to our lab in Val d'Or, QC, Canada on 16-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 18-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11180778

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L960122	0.84	<0.005	
L960123	1.10	0.009	
L960124	1.26	3.08	
L960125	1.31	>10.0	20.3
L960126	1.02	0.006	
L960127	1.38	0.012	
L960128	1.11	0.008	
L960129	1.40	0.006	
L960130	1.11	<0.005	
L960131	1.14	0.007	
L960132	1.39	<0.005	
L960133	1.41	<0.005	
L960134	1.07	0.013	
L960135	0.95	<0.005	
L960136	1.28	0.005	
L960137	1.09	0.021	
L960138	1.37	0.008	
L960139	0.62	0.007	
L960140	1.05	0.012	
L960141	0.09	3.00	
L960142	1.20	0.006	
L960143	1.23	0.021	
L960144	0.86	0.018	
L960145	1.00	<0.005	
L960146	1.10	0.005	
L960147	0.90	0.011	
L960148	1.28	0.005	
L960149	0.92	0.005	
L960150	0.85	0.006	
L960151	0.87	0.008	
L960152	0.98	1.450	
L960153	1.03	<0.005	
L960154	1.40	<0.005	
L960155	1.20	0.005	
L960156	0.99	0.015	
L960157	1.18	<0.005	
L960158	1.34	0.009	
L960159	1.65	0.010	
L960160	1.21	<0.005	
L960161	1.12	0.007	

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TORONTO ON M5J 1T1

Finalized Date: 18-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11180778

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21
	Analyte	Recvd Wt.	Au	Au
	Units	kg	ppm	ppm
	LOR	0.02	0.005	0.05
L960162		1.11	<0.005	
L960163		1.38	0.007	
L960164		0.91	0.005	
L960165		0.97	0.005	
L960166		1.35	<0.005	
L960167		0.68	0.005	
L960168		0.09	3.08	
L960169		3.22	0.015	
L960170		1.22	<0.005	
L960171		1.06	0.006	
L960172		1.25	0.010	
L960173		1.33	<0.005	
L960174		1.46	0.282	
L960175		0.38	0.005	
L960667		1.53	<0.005	
L960668		0.91	<0.005	
L960669		3.00	<0.005	
L960670		2.16	<0.005	
L960671		2.57	<0.005	
L960672		2.07	1.095	
L960673		1.19	<0.005	
L960674		2.22	<0.005	
L960675		0.90	<0.005	
L960676		2.03	<0.005	
L960677		1.17	<0.005	
L960678		1.84	<0.005	
L960679		2.38	<0.005	
L960680		1.52	<0.005	
L960681		0.97	0.012	
L960682		0.09	3.16	
L960683		0.69	0.013	
L960684		1.02	<0.005	
L960685		1.31	<0.005	
L960686		1.74	0.038	
L960687		2.10	<0.005	
L960688		3.49	<0.005	
L960689		1.96	0.007	
L960690		1.07	<0.005	
L960691		1.77	<0.005	
L960692		2.73	0.047	

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TORONTO ON M5J 1T1

Finalized Date: 18-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11180778

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L960693		0.45	<0.005	
L960694		1.06	<0.005	
L960695		0.84	<0.005	
L960696		0.51	<0.005	
L960697		1.78	<0.005	
L960698		1.72	<0.005	
L960699		1.94	<0.005	
L960700		1.23	<0.005	
L960701		1.41	<0.005	
L960702		2.20	<0.005	
L960703		0.09	3.17	
L960704		1.56	<0.005	
L960705		1.26	<0.005	
L960706		1.76	0.007	
L960707		1.19	0.005	
L960708		2.54	0.020	
L960709		1.72	0.018	
L960710		3.26	0.013	
L960711		2.53	<0.005	
L960712		4.05	0.047	
L960713		4.43	0.028	
L960714		1.54	0.007	
L960715		3.37	0.009	
L960716		3.76	0.006	
L960717		2.51	<0.005	

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To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

CERTIFICATE TB11193910

Project: KAN

P.O. No.:

This report is for 157 Rock samples submitted to our lab in Val d'Or, QC, Canada on 6-SEP-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61a	High Grade Four Acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method	WEI-21	Au-AA23	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.005	1	0.05	50	50	10	20	0.05	10	10	10	10	0.05	50
L960176		1.29	<0.005													
L960177		1.12	<0.005													
L960178		1.39	<0.005													
L960179		1.55	0.008													
L960180		1.54	<0.005													
L960181		1.39	0.008													
L960182		1.20	<0.005													
L960183		1.26	0.264	81	0.13	590	<50	<10	<20	0.76	300	80	10	760	35.2	<50
L960184		1.35	0.437	79	0.05	1060	<50	<10	<20	1.00	270	50	<10	1280	35.3	<50
L960185		0.87	0.006													
L960186		1.11	<0.005													
L960187		1.48	0.008													
L960188		0.94	<0.005													
L960189		1.46	<0.005													
L960190		0.96	0.012													
L960191		1.55	<0.005													
L960192		0.98	0.006													
L960193		1.08	0.266													
L960194		1.78	0.052													
L960195		2.51	0.013													
L960196		1.49	<0.005													
L960197		1.14	0.015													
L960198		1.70	<0.005													
L960199		1.20	<0.005													
L960200		1.40	0.008													
L960201		1.82	<0.005													
L960202		1.33	0.816													
L960203		1.51	0.005													
L960204		0.09	2.98													
L960205		0.52	<0.005													
L960206		1.05	0.005													
L960207		1.75	<0.005													
L960208		2.13	0.309													
L960209		3.32	2.01													
L960210		1.10	0.029													
L960211		1.07	4.42													
L960212		2.79	4.83													
L960213		1.58	0.022													
L960214		2.23	0.015													
L960215		1.65	5.50													

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To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method / Analyte / Units / LOR	ME-ICP61a K % 0.1	ME-ICP61a La ppm 50	ME-ICP61a Mg % 0.05	ME-ICP61a Mn ppm 10	ME-ICP61a Mo ppm 10	ME-ICP61a Na % 0.05	ME-ICP61a Ni ppm 10	ME-ICP61a P ppm 50	ME-ICP61a Pb ppm 20	ME-ICP61a S % 0.05	ME-ICP61a Sb ppm 50	ME-ICP61a Sc ppm 10	ME-ICP61a Sr ppm 10	ME-ICP61a Th ppm 50	ME-ICP61a Ti % 0.05
L960176																
L960177																
L960178																
L960179																
L960180																
L960181																
L960182																
L960183		0.2	<50	0.28	770	<10	<0.05	20	<50	25000	>10.0	100	<10	30	<50	<0.05
L960184		0.2	<50	0.35	1010	<10	<0.05	20	<50	20800	>10.0	120	<10	20	<50	<0.05
L960185																
L960186																
L960187																
L960188																
L960189																
L960190																
L960191																
L960192																
L960193																
L960194																
L960195																
L960196																
L960197																
L960198																
L960199																
L960200																
L960201																
L960202																
L960203																
L960204																
L960205																
L960206																
L960207																
L960208																
L960209																
L960210																
L960211																
L960212																
L960213																
L960214																
L960215																

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TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method / Analyte / Units / LOR	ME-ICP61a Tl ppm 50	ME-ICP61a U ppm 50	ME-ICP61a V ppm 10	ME-ICP61a W ppm 50	ME-ICP61a Zn ppm 20	Zn-OG62 Zn % 0.001
L960176							
L960177							
L960178							
L960179							
L960180							
L960181							
L960182							
L960183		<50	<50	10	<50	>100000	12.65
L960184		<50	<50	<10	<50	>100000	11.80
L960185							
L960186							
L960187							
L960188							
L960189							
L960190							
L960191							
L960192							
L960193							
L960194							
L960195							
L960196							
L960197							
L960198							
L960199							
L960200							
L960201							
L960202							
L960203							
L960204							
L960205							
L960206							
L960207							
L960208							
L960209							
L960210							
L960211							
L960212							
L960213							
L960214							
L960215							

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TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61a Ag ppm 1	ME-ICP61a Al % 0.05	ME-ICP61a As ppm 50	ME-ICP61a Ba ppm 50	ME-ICP61a Be ppm 10	ME-ICP61a Bi ppm 20	ME-ICP61a Ca % 0.05	ME-ICP61a Cd ppm 10	ME-ICP61a Co ppm 10	ME-ICP61a Cr ppm 10	ME-ICP61a Cu ppm 10	ME-ICP61a Fe % 0.05	ME-ICP61a Ga ppm 50
L960216		1.58	1.085													
L960217		1.08	0.040													
L960218		1.40	<0.005													
L960219		1.73	<0.005													
L960220		1.52	0.032													
L960221		1.36	<0.005													
L960222		1.74	<0.005													
L960718		0.99	0.019													
L960719		1.22	0.005													
L960720		1.94	<0.005													
L960721		1.57	0.006													
L960722		0.86	0.007													
L960723		0.09	3.09													
L960724		0.28	0.010													
L960725		1.15	<0.005													
L960726		1.61	<0.005													
L960727		1.19	0.006													
L960728		1.97	0.073													
L960729		1.31	<0.005													
L960730		1.72	0.005													
L960731		1.99	<0.005													
L960732		1.88	<0.005													
L960733		1.09	<0.005													
L960734		0.35	<0.005													
L960735		2.30	<0.005													
L960736		1.39	<0.005													
L960737		1.03	0.006													
L960738		3.85	<0.005													
L960739		0.52	<0.005													
L960740		1.32	<0.005													
L960741		1.48	<0.005													
L960742		0.09	3.10													
L960743		0.78	0.027													
L960744		1.45	<0.005													
L960745		1.40	<0.005													
L960746		1.12	<0.005													
L960747		1.46	<0.005													
L960748		1.29	0.005													
L960749		1.39	<0.005													
L960750		1.53	<0.005													

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To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method / Analyte / Units / LOR	ME-ICP61a K % 0.1	ME-ICP61a La ppm 50	ME-ICP61a Mg % 0.05	ME-ICP61a Mn ppm 10	ME-ICP61a Mo ppm 10	ME-ICP61a Na % 0.05	ME-ICP61a Ni ppm 10	ME-ICP61a P ppm 50	ME-ICP61a Pb ppm 20	ME-ICP61a S % 0.05	ME-ICP61a Sb ppm 50	ME-ICP61a Sc ppm 10	ME-ICP61a Sr ppm 10	ME-ICP61a Th ppm 50	ME-ICP61a Ti % 0.05
L960216																
L960217																
L960218																
L960219																
L960220																
L960221																
L960222																
L960718																
L960719																
L960720																
L960721																
L960722																
L960723																
L960724																
L960725																
L960726																
L960727																
L960728																
L960729																
L960730																
L960731																
L960732																
L960733																
L960734																
L960735																
L960736																
L960737																
L960738																
L960739																
L960740																
L960741																
L960742																
L960743																
L960744																
L960745																
L960746																
L960747																
L960748																
L960749																
L960750																

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TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method / Analyte / Units / LOR	ME-ICP61a Tl ppm 50	ME-ICP61a U ppm 50	ME-ICP61a V ppm 10	ME-ICP61a W ppm 50	ME-ICP61a Zn ppm 20	Zn-OG62 Zn % 0.001
L960216							
L960217							
L960218							
L960219							
L960220							
L960221							
L960222							
L960718							
L960719							
L960720							
L960721							
L960722							
L960723							
L960724							
L960725							
L960726							
L960727							
L960728							
L960729							
L960730							
L960731							
L960732							
L960733							
L960734							
L960735							
L960736							
L960737							
L960738							
L960739							
L960740							
L960741							
L960742							
L960743							
L960744							
L960745							
L960746							
L960747							
L960748							
L960749							
L960750							

ALS Canada Ltd.
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TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23* Au ppm 0.005	ME-ICP61a Ag ppm 1	ME-ICP61a Al % 0.05	ME-ICP61a As ppm 50	ME-ICP61a Ba ppm 50	ME-ICP61a Be ppm 10	ME-ICP61a Bi ppm 20	ME-ICP61a Ca % 0.05	ME-ICP61a Cd ppm 10	ME-ICP61a Co ppm 10	ME-ICP61a Cr ppm 10	ME-ICP61a Cu ppm 10	ME-ICP61a Fe % 0.05	ME-ICP61a Ga ppm 50
L960751		1.77	<0.005													
L960752		1.79	<0.005													
L960753		1.17	<0.005													
L960754		3.11	0.299													
L960755		2.54	0.688													
L960756		2.37	0.424													
L960757		3.21	1.310													
L960758		1.75	0.755													
L960759		1.55	3.38													
L960760		1.68	0.012													
L960761		1.54	0.216													
L960762		1.15	<0.005													
L960763		1.01	2.84													
L960764		2.09	1.295													
L960765		0.10	3.09													
L960766		1.98	0.010													
L960767		1.13	0.464													
L960768		1.94	2.73													
L960769		1.08	0.412													
L960770		1.59	0.038													
L960771		1.44	0.064													
L960772		1.75	0.030													
L960773		1.50	<0.005													
L960774		1.64	<0.005													
L960775		0.75	0.005													
L960776		0.60	<0.005													
L960777		0.38	0.026													
L960778		0.85	0.537													
L960779		2.06	<0.005													
L960780		3.97	0.011													
L960781		1.28	<0.005													
L960782		0.09	3.17													
L960783		2.63	0.013													
L960784		3.52	<0.005													
L960785		1.39	<0.005													
L960786		3.85	<0.005													
L960787		2.27	<0.005													
L960788		4.93	<0.005													
L960789		4.48	<0.005													
L960790		5.03	<0.005													

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TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.1	50	0.05	10	10	0.05	10	50	20	0.05	50	10	10	50	0.05
L960751																
L960752																
L960753																
L960754																
L960755																
L960756																
L960757																
L960758																
L960759																
L960760																
L960761																
L960762																
L960763																
L960764																
L960765																
L960766																
L960767																
L960768																
L960769																
L960770																
L960771																
L960772																
L960773																
L960774																
L960775																
L960776																
L960777																
L960778																
L960779																
L960780																
L960781																
L960782																
L960783																
L960784																
L960785																
L960786																
L960787																
L960788																
L960789																
L960790																

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TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method / Analyte / Units / LOR	ME-ICP61a Tl ppm 50	ME-ICP61a U ppm 50	ME-ICP61a V ppm 10	ME-ICP61a W ppm 50	ME-ICP61a Zn ppm 20	Zn-OG62 Zn % 0.001
L960751							
L960752							
L960753							
L960754							
L960755							
L960756							
L960757							
L960758							
L960759							
L960760							
L960761							
L960762							
L960763							
L960764							
L960765							
L960766							
L960767							
L960768							
L960769							
L960770							
L960771							
L960772							
L960773							
L960774							
L960775							
L960776							
L960777							
L960778							
L960779							
L960780							
L960781							
L960782							
L960783							
L960784							
L960785							
L960786							
L960787							
L960788							
L960789							
L960790							

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TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61a Ag ppm 1	ME-ICP61a Al % 0.05	ME-ICP61a As ppm 50	ME-ICP61a Ba ppm 50	ME-ICP61a Be ppm 10	ME-ICP61a Bi ppm 20	ME-ICP61a Ca % 0.05	ME-ICP61a Cd ppm 10	ME-ICP61a Co ppm 10	ME-ICP61a Cr ppm 10	ME-ICP61a Cu ppm 10	ME-ICP61a Fe % 0.05	ME-ICP61a Ga ppm 50
L960791		1.43	<0.005													
L960792		4.00	<0.005													
L960793		2.47	0.008													
L960794		5.63	<0.005													
L960795		4.14	<0.005													
L960796		3.13	0.005													
L960797		4.21	<0.005													
L960798		3.75	<0.005													
L960799		3.69	<0.005													
L960800		4.67	<0.005													
L960801		3.86	<0.005													
L960802		0.09	3.17													
L960803		6.89	1.515													
L960804		1.33	<0.005													
L960805		6.06	0.007													
L960806		4.30	0.009													
L960807		5.78	0.013													
L960808		3.83	0.008													
L960809		3.78	0.006													
L960810		3.89	0.016													
L960811		1.75	0.044													
L960812		5.37	0.007													
L960813		3.87	0.095													
L960814		1.87	0.100													
L960815		4.25	0.014													
L960816		4.32	0.053													
L960817		3.65	0.009													
L960818		4.49	0.282													
L960819		3.66	0.009													
L960820		5.75	<0.005													
L960951		1.47	<0.005													
L960952		2.17	<0.005													
L960953		1.32	0.011													
L960954		1.73	0.006													
L960955		1.65	0.012													
L960956		2.10	<0.005													
L960957		0.98	<0.005													

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TORONTO ON M5J 1T1

Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method / Analyte / Units / LOR	ME-ICP61a K % 0.1	ME-ICP61a La ppm 50	ME-ICP61a Mg % 0.05	ME-ICP61a Mn ppm 10	ME-ICP61a Mo ppm 10	ME-ICP61a Na % 0.05	ME-ICP61a Ni ppm 10	ME-ICP61a P ppm 50	ME-ICP61a Pb ppm 20	ME-ICP61a S % 0.05	ME-ICP61a Sb ppm 50	ME-ICP61a Sc ppm 10	ME-ICP61a Sr ppm 10	ME-ICP61a Th ppm 50	ME-ICP61a Ti % 0.05
L960791																
L960792																
L960793																
L960794																
L960795																
L960796																
L960797																
L960798																
L960799																
L960800																
L960801																
L960802																
L960803																
L960804																
L960805																
L960806																
L960807																
L960808																
L960809																
L960810																
L960811																
L960812																
L960813																
L960814																
L960815																
L960816																
L960817																
L960818																
L960819																
L960820																
L960951																
L960952																
L960953																
L960954																
L960955																
L960956																
L960957																

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Finalized Date: 1-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11193910

Sample Description	Method / Analyte / Units / LOR	ME-ICP61a Tl ppm 50	ME-ICP61a U ppm 50	ME-ICP61a V ppm 10	ME-ICP61a W ppm 50	ME-ICP61a Zn ppm 20	Zn-OG62 Zn % 0.001
L960791							
L960792							
L960793							
L960794							
L960795							
L960796							
L960797							
L960798							
L960799							
L960800							
L960801							
L960802							
L960803							
L960804							
L960805							
L960806							
L960807							
L960808							
L960809							
L960810							
L960811							
L960812							
L960813							
L960814							
L960815							
L960816							
L960817							
L960818							
L960819							
L960820							
L960951							
L960952							
L960953							
L960954							
L960955							
L960956							
L960957							

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To: **ESCAPE GOLD INC**
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TORONTO ON M5J 1T1

Finalized Date: 8-AUG-2011
This copy reported on 11-AUG-2011
Account: ESCMIN

CERTIFICATE VO11146757

Project: KAN

P.O. No.:

This report is for 85 Rock samples submitted to our lab in Val d'Or, QC, Canada on 1-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: **ESCAPE GOLD INC**
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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TORONTO ON M5J 1T1

Finalized Date: 8-AUG-2011
Account: ESCMIN

Project: KAN

CERTIFICATE OF ANALYSIS VO11146757

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L960001		1.05	<0.005	
L960002		1.33	<0.005	
L960003		1.13	<0.005	
L960004		1.12	<0.005	
L960005		0.93	3.69	
L960006		1.26	2.63	
L960007		1.57	2.02	
L960008		1.53	0.087	
L960009		0.96	0.206	
L960010		2.18	0.007	
L960011		2.49	<0.005	
L960012		1.47	0.016	
L960013		1.02	0.011	
L960014		1.66	0.005	
L960015		2.08	0.024	
L960016		1.57	0.012	
L960017		1.80	0.050	
L960018		1.14	<0.005	
L960019		2.34	0.165	
L960020		1.22	>10.0	35.8
L960021		1.54	>10.0	14.15
L960022		0.87	4.95	
L960023		0.75	1.315	
L960024		1.20	0.014	
L960025		1.27	<0.005	
L960026		1.15	0.006	
L960027		0.59	<0.005	
L960028		1.42	0.006	
L960029		2.31	<0.005	
L960030		2.58	<0.005	
L960031		0.54	<0.005	
L960032		0.09	3.27	
L960033		1.33	<0.005	
L960034		1.00	<0.005	
L960035		1.99	<0.005	
L960036		1.17	0.016	
L960037		1.38	4.48	
L960038		1.50	0.008	
L960039		1.05	0.005	
L960040		1.84	0.031	

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Finalized Date: 8-AUG-2011
Account: ESCMIN

Project: KAN

CERTIFICATE OF ANALYSIS VO11146757

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L960041		1.04	0.009	
L960042		1.07	<0.005	
L960043		0.86	<0.005	
L960044		1.35	<0.005	
L960045		1.08	0.011	
L960046		1.07	0.373	
L960047		1.10	<0.005	
L960048		1.05	0.015	
L960049		1.07	0.006	
L960050		1.16	<0.005	
L960051		1.07	0.011	
L960052		0.89	<0.005	
L960053		1.14	0.021	
L960054		0.97	<0.005	
L960055		1.03	<0.005	
L960056		1.34	<0.005	
L960057		1.41	0.027	
L960058		1.21	<0.005	
L960059		1.37	<0.005	
L960060		0.78	<0.005	
L960061		0.81	0.005	
L960062		1.10	<0.005	
L960063		1.31	0.007	
L960064		0.09	3.19	
L960065		1.33	<0.005	
L960066		1.08	<0.005	
L960067		1.07	<0.005	
L960068		1.13	<0.005	
L960069		1.14	<0.005	
L960070		1.16	0.006	
L960071		1.24	0.868	
L960072		1.19	1.010	
L960073		1.21	1.910	
L960074		2.21	0.035	
L960075		1.24	0.009	
L960076		1.50	0.009	
L960077		1.83	<0.005	
L960078		1.61	<0.005	
L960079		1.54	0.009	
L960080		1.02	<0.005	

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TORONTO ON M5J 1T1

Finalized Date: 8-AUG-2011
Account: ESCMIN

Project: KAN

CERTIFICATE OF ANALYSIS VO11146757

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L960081		1.32	0.042	
L960082		1.42	0.008	
L960083		1.34	<0.005	
L960084		1.42	0.005	
L960085		1.70	<0.005	

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TORONTO ON M5J 1T1

Finalized Date: 9-AUG-2011
This copy reported on
11-AUG-2011
Account: ESCMIN

CERTIFICATE VO11146758

Project: KAN

P.O. No.:

This report is for 43 Rock samples submitted to our lab in Val d'Or, QC, Canada on 1-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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TORONTO ON M5J 1T1

Finalized Date: 9-AUG-2011
Account: ESCMIN

Project: KAN

CERTIFICATE OF ANALYSIS VO11146758

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L960549		1.96	<0.005
L960550		2.03	<0.005
L960551		1.21	<0.005
L960552		2.54	0.005
L960553		2.22	4.42
L960554		1.19	<0.005
L960555		0.90	0.050
L960556		2.10	0.520
L960557		4.78	1.795
L960558		0.62	0.008
L960559		1.93	0.006
L960560		1.61	<0.005
L960561		1.00	0.031
L960562		0.09	3.32
L960563		1.41	0.007
L960564		1.77	0.013
L960565		1.24	<0.005
L960566		1.83	0.012
L960567		2.63	0.014
L960568		1.94	0.014
L960569		2.17	0.010
L960570		1.17	0.019
L960571		1.00	0.019
L960572		1.77	<0.005
L960573		1.91	<0.005
L960574		4.17	<0.005
L960575		1.73	0.005
L960576		2.40	0.007
L960577		1.40	<0.005
L960578		0.62	<0.005
L960579		1.79	<0.005
L960580		3.21	<0.005
L960581		1.01	0.014
L960582		3.29	0.011
L960583		0.09	3.15
L960584		1.85	0.010
L960585		1.80	<0.005
L960586		1.87	<0.005
L960587		1.71	0.005
L960588		2.07	0.006

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Finalized Date: 9-AUG-2011
Account: ESCMIN

Project: KAN

CERTIFICATE OF ANALYSIS VO11146758

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L960589		2.32	0.012
L960590		2.36	<0.005
L960591		2.36	0.034

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Finalized Date: 5-NOV-2011
Account: ESGOLD

CERTIFICATE VO11147554

Project: KAN

P.O. No.:

This report is for 48 Rock samples submitted to our lab in Val d'Or, QC, Canada on 1-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Ag-OG62	Ore Grade Ag - Four Acid	VARIABLE
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS

To: **ESCAPE GOLD INC**
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 5-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS VO11147554

Sample Description	Method	WEI-21	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
L960501		1.48	0.741	>100	0.04	1490	<10	<0.5	<2	0.01	11.7	<1	2	161	23.6	10
L960502		1.98	0.797	>100	0.03	4970	<10	<0.5	14	<0.01	267	2	<1	443	30.0	<10
L960503		1.55	1.025	>100	0.02	7660	<10	<0.5	13	<0.01	245	1	<1	862	30.1	10
L960504		3.59	0.998	58.1	0.02	>10000	<10	<0.5	<2	<0.01	239	22	<1	689	32.6	10
L960505		4.94	0.467	>100	0.03	5610	<10	<0.5	8	0.04	204	15	<1	815	34.9	10
L960506		2.04	0.282	>100	0.09	1930	<10	<0.5	10	<0.01	179.5	11	<1	1225	28.9	10
L960507		3.72	0.568	>100	0.01	2650	<10	<0.5	6	0.08	192.0	3	<1	204	23.0	10
L960508		1.91	0.555	>100	0.01	1880	<10	<0.5	6	0.05	117.5	1	2	289	19.45	10
L960509		3.65	0.697	>100	0.03	5510	<10	<0.5	11	0.07	228	3	<1	528	31.3	10
L960510		1.21	0.444	>100	0.02	1490	<10	<0.5	6	0.04	220	1	<1	589	28.6	10
L960511		1.72	0.529	>100	0.02	5060	<10	<0.5	8	0.03	233	9	<1	485	32.7	10
L960512		1.06	0.718	>100	0.02	9130	<10	<0.5	3	0.19	205	8	<1	1445	33.7	10
L960513		1.40	1.455	>100	0.12	7500	10	<0.5	11	0.24	224	5	<1	594	29.3	20
L960514		2.16	0.554	>100	0.43	6980	30	<0.5	<2	0.30	148.0	11	8	724	29.3	10
L960515		1.93	0.986	>100	0.81	>10000	80	<0.5	2	2.17	90.7	13	15	251	28.9	10
L960516		2.83	0.497	>100	0.13	2330	10	<0.5	4	0.11	106.0	3	8	234	17.70	10
L960517		2.58	0.515	>100	0.09	3310	<10	<0.5	9	0.11	220	1	<1	537	29.8	10
L960518		1.75	0.946	>100	0.03	3050	<10	<0.5	6	0.06	83.2	<1	1	239	23.4	<10
L960519		0.87	0.896	>100	0.03	5460	<10	<0.5	10	<0.01	136.0	11	<1	298	31.9	10
L960520		1.79	0.332	80.6	0.75	2130	60	<0.5	4	0.13	218	8	7	922	28.9	10
L960521		0.23	0.075	16.3	7.80	206	260	0.9	<2	0.60	5.9	11	134	195	7.71	20
L960522		0.73	0.013	1.3	7.50	16	910	1.6	<2	2.35	0.5	17	84	56	5.03	20
L960523		1.54	0.676	>100	0.08	7170	10	<0.5	7	0.02	302	3	3	390	18.45	10
L960524		1.95	0.408	>100	0.01	2260	<10	<0.5	6	0.03	148.5	<1	<1	379	27.5	10
L960525		0.05	0.237	71.7	0.71	155	20	<0.5	37	0.52	506	374	10	>10000	25.6	30
L960526		2.12	0.741	>100	0.02	3370	<10	<0.5	9	<0.01	236	<1	<1	396	21.3	10
L960527		1.50	0.959	>100	0.04	5860	<10	<0.5	7	0.01	225	2	<1	246	17.20	10
L960528		1.09	0.122	>100	0.02	1950	<10	<0.5	6	0.17	162.5	2	<1	416	25.2	10
L960529		1.08	0.264	>100	0.01	2240	<10	<0.5	11	0.02	242	5	<1	1075	24.9	10
L960530		1.58	0.496	>100	0.01	4350	<10	<0.5	10	0.01	263	5	<1	450	27.5	10
L960531		2.06	0.688	>100	0.06	7200	10	<0.5	7	0.02	298	2	1	226	16.60	10
L960532		1.90	0.525	>100	0.02	2930	<10	<0.5	<2	0.01	128.5	<1	1	267	17.70	10
L960533		1.88	0.269	>100	0.01	2320	<10	<0.5	4	<0.01	174.5	3	1	782	20.8	<10
L960534		0.78	0.514	>100	0.02	2000	<10	<0.5	3	<0.01	67.7	3	2	423	17.25	<10
L960535		2.33	0.278	>100	0.01	2230	<10	<0.5	<2	0.01	122.5	7	3	292	23.3	<10
L960536		1.54	0.820	>100	0.01	4650	<10	<0.5	<2	<0.01	34.2	4	2	214	19.45	<10
L960537		1.64	1.500	>100	0.01	3100	<10	<0.5	<2	0.02	145.0	1	4	364	14.75	10
L960538		2.32	0.501	>100	0.04	2840	10	<0.5	6	0.22	220	58	1	913	28.7	10
L960539		1.43	0.399	>100	<0.01	5670	10	<0.5	10	0.11	234	6	<1	437	23.4	10
L960540		3.13	0.621	>100	<0.01	1895	10	<0.5	10	0.01	27.0	11	2	242	21.1	<10

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Finalized Date: 5-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS VO11147554

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
L960501		0.01	<10	<0.01	28	4	0.02	1	<10	>10000	>10.0	315	<1	4	<20	<0.01
L960502		0.01	<10	<0.01	65	1	0.01	7	<10	>10000	>10.0	508	<1	3	<20	<0.01
L960503		<0.01	<10	0.01	120	3	0.01	8	<10	>10000	>10.0	528	<1	3	<20	<0.01
L960504		<0.01	<10	0.01	188	3	0.01	4	<10	>10000	>10.0	114	<1	2	<20	<0.01
L960505		0.01	<10	0.06	1530	1	<0.01	72	<10	>10000	>10.0	162	<1	2	<20	<0.01
L960506		<0.01	<10	<0.01	45	3	0.08	5	<10	>10000	>10.0	314	<1	7	<20	<0.01
L960507		<0.01	<10	<0.01	91	1	<0.01	9	<10	>10000	>10.0	419	<1	3	<20	<0.01
L960508		<0.01	<10	0.01	190	4	<0.01	11	<10	>10000	>10.0	393	<1	3	<20	<0.01
L960509		0.01	<10	0.03	726	3	0.01	25	<10	>10000	>10.0	302	<1	7	<20	<0.01
L960510		<0.01	<10	0.17	2260	<1	0.01	39	<10	>10000	>10.0	437	<1	2	<20	<0.01
L960511		0.01	<10	0.05	820	1	<0.01	32	<10	>10000	>10.0	206	<1	12	<20	<0.01
L960512		<0.01	<10	0.18	1845	4	<0.01	82	<10	>10000	>10.0	192	<1	3	<20	<0.01
L960513		0.02	<10	0.14	731	6	0.05	30	<10	>10000	>10.0	530	<1	9	<20	0.01
L960514		0.14	<10	0.13	844	4	0.11	60	<10	>10000	>10.0	209	<1	15	<20	0.01
L960515		0.37	<10	0.65	1105	7	0.04	24	<10	>10000	>10.0	447	<1	55	<20	0.03
L960516		0.05	<10	0.04	123	3	0.01	11	30	>10000	>10.0	265	<1	4	<20	<0.01
L960517		0.01	<10	0.20	2450	4	0.05	38	<10	>10000	>10.0	295	<1	3	<20	<0.01
L960518		0.01	<10	0.01	73	2	0.01	4	<10	>10000	>10.0	287	<1	4	<20	<0.01
L960519		0.01	<10	<0.01	56	2	0.02	9	<10	>10000	>10.0	234	<1	3	<20	<0.01
L960520		0.23	<10	0.15	712	1	0.21	52	80	>10000	>10.0	78	1	23	<20	0.04
L960521		1.55	20	2.03	661	8	2.26	23	230	3560	1.42	20	29	68	<20	0.57
L960522		1.87	30	1.70	504	4	2.22	46	800	239	0.25	5	16	417	<20	0.45
L960523		0.02	<10	0.01	98	4	0.02	11	10	>10000	>10.0	378	<1	7	<20	<0.01
L960524		0.01	<10	<0.01	66	2	<0.01	5	<10	>10000	>10.0	261	<1	10	<20	<0.01
L960525		0.20	10	0.66	1315	11	0.08	7	30	>10000	>10.0	48	<1	8	<20	0.01
L960526		0.01	<10	<0.01	95	<1	<0.01	5	<10	>10000	>10.0	461	<1	3	<20	<0.01
L960527		0.02	<10	<0.01	87	4	0.01	3	<10	>10000	>10.0	366	<1	4	<20	<0.01
L960528		0.01	<10	0.01	228	2	<0.01	8	10	>10000	>10.0	310	<1	11	<20	<0.01
L960529		<0.01	<10	0.01	120	<1	<0.01	10	<10	>10000	>10.0	321	<1	4	<20	<0.01
L960530		<0.01	<10	0.08	810	<1	<0.01	38	10	>10000	>10.0	231	<1	1	<20	<0.01
L960531		0.03	<10	<0.01	104	3	0.01	9	10	>10000	>10.0	425	<1	3	<20	<0.01
L960532		0.01	<10	<0.01	78	4	0.01	7	<10	>10000	>10.0	457	<1	2	<20	<0.01
L960533		<0.01	<10	<0.01	67	2	<0.01	19	<10	>10000	>10.0	304	<1	1	<20	<0.01
L960534		0.01	<10	<0.01	43	2	<0.01	3	<10	>10000	>10.0	364	<1	2	<20	<0.01
L960535		<0.01	<10	<0.01	85	1	<0.01	21	<10	>10000	>10.0	309	<1	2	<20	<0.01
L960536		<0.01	<10	<0.01	43	3	<0.01	1	<10	>10000	>10.0	332	<1	2	<20	<0.01
L960537		0.01	<10	<0.01	85	7	<0.01	<1	10	>10000	>10.0	353	<1	3	<20	<0.01
L960538		<0.01	<10	0.01	429	3	0.04	39	10	>10000	>10.0	264	<1	13	<20	<0.01
L960539		<0.01	<10	0.01	117	1	<0.01	16	<10	>10000	>10.0	430	<1	3	<20	<0.01
L960540		<0.01	<10	<0.01	31	4	<0.01	2	<10	>10000	>10.0	346	<1	3	<20	<0.01

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CERTIFICATE OF ANALYSIS VO11147554

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	10	10	1	10	2	1	0.001	0.001	0.001
L960501		<10	<10	1	<10	7140	258		5.76	
L960502		<10	<10	1	30	>10000	383		10.35	13.15
L960503		<10	<10	1	20	>10000	380		9.96	12.05
L960504		<10	<10	1	<10	>10000			1.260	11.20
L960505		<10	<10	1	20	>10000	127		3.24	10.25
L960506		<10	<10	2	<10	>10000	292		7.84	9.74
L960507		<10	<10	<1	10	>10000	434		11.65	12.80
L960508		<10	<10	1	20	>10000	331		7.86	6.14
L960509		<10	<10	2	10	>10000	224		6.08	10.75
L960510		<10	<10	<1	20	>10000	356		9.00	11.60
L960511		<10	<10	1	10	>10000	183		4.69	11.55
L960512		<10	<10	2	20	>10000	99		2.32	10.30
L960513		<10	<10	4	20	>10000	374		8.51	11.90
L960514		<10	<10	19	10	>10000	146		3.61	8.29
L960515		<10	<10	34	20	>10000	274		5.77	7.13
L960516		<10	<10	8	10	>10000	220		5.80	5.41
L960517		<10	<10	4	<10	>10000	225		5.82	11.30
L960518		<10	<10	1	<10	>10000	274		6.75	4.37
L960519		<10	<10	1	20	>10000	220		5.24	7.25
L960520		<10	<10	12	<10	>10000			1.835	10.50
L960521		<10	10	347	<10	2970				
L960522		<10	10	128	<10	298				
L960523		<10	<10	2	<10	>10000	318		8.37	13.70
L960524		<10	<10	<1	20	>10000	226		6.21	7.65
L960525		<10	<10	1	10	>10000		2.67	1.650	18.10
L960526		<10	<10	1	30	>10000	423		11.40	12.00
L960527		<10	<10	2	10	>10000	286		8.62	10.45
L960528		<10	<10	1	10	>10000	287		7.37	8.51
L960529		<10	<10	<1	20	>10000	326		8.51	12.50
L960530		<10	<10	1	10	>10000	197		6.36	13.20
L960531		<10	<10	3	20	>10000	332		9.41	13.95
L960532		<10	<10	1	20	>10000	398		10.05	7.47
L960533		<10	<10	<1	20	>10000	279		6.93	9.48
L960534		<10	<10	<1	10	>10000	351		8.92	3.43
L960535		<10	<10	<1	<10	>10000	261		6.96	6.36
L960536		<10	10	<1	<10	>10000	300		7.89	1.500
L960537		<10	<10	1	<10	>10000	278		6.89	7.17
L960538		<10	<10	2	10	>10000	260		6.36	11.95
L960539		<10	<10	1	10	>10000	380		8.80	12.80
L960540		<10	<10	1	<10	>10000	304		7.49	1.335

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
L960541		2.86	0.466	>100	<0.01	2000	10	<0.5	4	0.24	256	3	<1	1230	24.3	10
L960542		1.21	<0.005	2.1	7.64	19	940	1.6	<2	2.30	0.9	18	88	36	5.47	20
L960543		2.41	0.590	>100	1.02	3860	30	<0.5	3	0.87	155.0	76	21	789	25.9	10
L960544		1.03	<0.005	1.9	4.36	13	60	0.9	<2	0.09	2.8	18	73	447	25.0	20
L960545		0.06	0.136	77.5	0.69	182	30	<0.5	59	0.59	551	411	9	>10000	27.6	40
L960546		1.76	0.015	7.3	3.11	110	20	<0.5	<2	0.28	5.5	65	59	523	28.0	10
L960547		1.28	1.035	>100	0.01	2900	10	<0.5	7	0.01	73.3	2	3	189	15.20	10
L960548		2.01	0.616	>100	<0.01	2680	10	<0.5	9	<0.01	97.1	2	3	202	16.70	10

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
L960541		<0.01	<10	0.02	141	1	<0.01	52	<10	>10000	>10.0	288	<1	4	<20	<0.01
L960542		2.12	30	1.73	570	5	2.17	41	860	432	0.36	5	18	406	20	0.49
L960543		0.10	<10	0.19	935	6	0.67	94	30	>10000	>10.0	227	3	32	<20	0.05
L960544		1.73	10	0.84	133	14	0.15	114	190	419	>10.0	6	10	23	<20	0.08
L960545		0.17	10	0.75	1405	12	0.07	5	30	>10000	>10.0	50	<1	8	<20	0.01
L960546		0.03	10	0.86	241	9	1.52	109	140	2000	>10.0	8	7	17	<20	0.25
L960547		0.01	<10	<0.01	67	6	0.01	2	10	>10000	>10.0	295	<1	2	<20	<0.01
L960548		0.01	<10	<0.01	55	6	<0.01	3	<10	>10000	>10.0	318	<1	2	<20	<0.01

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TORONTO ON M5J 1T1

Finalized Date: 5-NOV-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS VO11147554

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OG62	Cu-OG62	Pb-OG62	Zn-OG62
	Analyte	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	10	10	1	10	2	1	0.001	0.001	0.001
L960541		<10	<10	<1	10	>10000	251		6.47	13.40
L960542		<10	<10	132	<10	804				
L960543		<10	<10	41	<10	>10000	178		5.48	8.66
L960544		<10	<10	101	<10	894				
L960545		<10	<10	2	10	>10000		2.91	1.820	19.85
L960546		<10	10	67	<10	2870				
L960547		<10	<10	3	20	>10000	239		5.98	3.51
L960548		<10	<10	1	10	>10000	272		6.77	4.66

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TORONTO ON M5J 1T1

Page: 1
Finalized Date: 15-AUG-2011
Account: ESGOLD

CERTIFICATE VO11153247

Project: KAN

P.O. No.:

This report is for 111 Rock samples submitted to our lab in Val d'Or, QC, Canada on 8-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

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Finalized Date: 15-AUG-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS VO11153247

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L960086		1.30	0.782	
L960087		1.09	0.010	
L960088		2.04	<0.005	
L960089		1.26	0.647	
L960090		1.33	0.007	
L960091		1.32	0.008	
L960092		0.56	0.030	
L960093		1.09	0.013	
L960094		2.42	0.007	
L960095		0.90	<0.005	
L960096		0.09	2.92	
L960097		1.77	0.008	
L960098		1.28	0.012	
L960099		1.32	<0.005	
L960100		2.68	0.007	
L960101		1.69	<0.005	
L960102		1.36	0.005	
L960103		1.16	0.011	
L960104		1.79	0.015	
L960105		1.68	0.005	
L960106		1.65	<0.005	
L960107		1.74	0.009	
L960108		2.07	<0.005	
L960109		1.31	<0.005	
L960110		1.16	<0.005	
L960111		1.20	<0.005	
L960112		1.21	<0.005	
L960113		0.97	0.005	
L960114		0.80	0.019	
L960115		1.30	<0.005	
L960116		1.13	0.008	
L960117		1.30	0.027	
L960118		1.37	<0.005	
L960119		1.35	0.037	
L960120		1.32	0.007	
L960121		1.37	0.062	
L960592		0.96	0.005	
L960593		1.82	<0.005	
L960594		1.16	<0.005	
L960595		1.56	0.245	

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Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS VO11153247

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L960596		1.49	0.008	
L960597		1.10	0.014	
L960598		2.77	0.119	
L960599		1.08	0.012	
L960600		2.64	0.030	
L960601		1.69	0.012	
L960602		0.09	3.17	
L960603		1.46	0.546	
L960604		2.94	0.059	
L960605		1.10	0.006	
L960606		1.34	0.026	
L960607		0.84	<0.005	
L960608		1.71	<0.005	
L960609		1.97	0.069	
L960610		2.07	0.016	
L960611		1.22	<0.005	
L960612		2.44	<0.005	
L960613		1.41	0.008	
L960614		2.85	0.130	
L960615		3.52	0.018	
L960616		2.14	<0.005	
L960617		0.76	<0.005	
L960618		4.08	0.015	
L960619		3.52	0.025	
L960620		5.25	0.020	
L960621		4.05	0.072	
L960622		0.09	2.99	
L960623		4.90	0.035	
L960624		7.12	3.68	
L960625		1.06	0.018	
L960626		2.31	0.875	
L960627		2.98	0.210	
L960628		2.98	0.496	
L960629		4.62	0.840	
L960630		5.56	0.087	
L960631		3.66	0.058	
L960632		4.32	<0.005	
L960633		4.01	<0.005	
L960634		3.03	0.010	
L960635		4.71	0.020	

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Finalized Date: 15-AUG-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS VO11153247

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L960636		3.00	<0.005	
L960637		4.11	0.107	
L960638		4.22	<0.005	
L960639		4.71	0.538	
L960640		2.51	0.969	
L960641		3.63	0.118	
L960642		1.19	0.009	
L960643		3.81	0.056	
L960644		3.44	0.057	
L960645		0.09	3.09	
L960646		1.13	1.065	
L960647		1.66	0.898	
L960648		2.28	0.224	
L960649		1.77	>10.0	15.30
L960650		1.84	0.411	
L960651		3.16	2.05	
L960652		1.29	5.94	
L960653		1.59	0.430	
L960654		4.49	0.452	
L960655		3.05	2.66	
L960656		2.79	3.48	
L960657		2.10	2.23	
L960658		1.91	0.443	
L960659		1.65	0.200	
L960660		1.45	3.71	
L960661		2.31	2.59	
L960662		1.12	0.006	
L960663		1.42	5.01	
L960664		2.18	2.24	
L960665		0.09	3.05	
L960666		1.99	1.335	

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Finalized Date: 31-AUG-2011
This copy reported on 7-MAR-2012
Account: ESGOLD

CERTIFICATE VO11161200

Project: KAN

P.O. No.:

This report is for 43 Rock samples submitted to our lab in Val d'Or, QC, Canada on 1-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **ESCAPE GOLD INC**
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
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Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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TORONTO ON M5J 1T1

Finalized Date: 31-AUG-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS VO11161200

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L960549	1.96	<0.005
L960550	2.03	<0.005
L960551	1.21	<0.005
L960552	2.54	0.005
L960553	2.22	4.42
L960554	1.19	<0.005
L960555	0.90	0.050
L960556	2.10	0.520
L960557	4.78	1.795
L960558	0.62	0.008
L960559	1.93	0.006
L960560	1.61	<0.005
L960561	1.00	0.031
L960562	0.09	3.32
L960563	1.41	0.007
L960564	1.77	0.013
L960565	1.24	<0.005
L960566	1.83	0.012
L960567	2.63	0.014
L960568	1.94	0.014
L960569	2.17	0.010
L960570	1.17	0.019
L960571	1.00	0.019
L960572	1.77	<0.005
L960573	1.91	<0.005
L960574	4.17	<0.005
L960575	1.73	0.005
L960576	2.40	0.007
L960577	1.40	<0.005
L960578	0.62	<0.005
L960579	1.79	<0.005
L960580	3.21	<0.005
L960581	1.01	0.014
L960582	3.29	0.011
L960583	0.09	3.15
L960584	1.85	0.010
L960585	1.80	<0.005
L960586	1.87	<0.005
L960587	1.71	0.005
L960588	2.07	0.006

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Finalized Date: 31-AUG-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS VO11161200

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
L960589		2.32	0.012
L960590		2.36	<0.005
L960591		2.36	0.034

2011 – Soils : Rio Silver

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Finalized Date: 18-SEP-2011
This copy reported on 7-MAR-2012
Account: ESGOLD

CERTIFICATE TM11172268

Project: KAN

P.O. No.:

This report is for 167 Soil samples submitted to our lab in Val d'Or, QC, Canada on 25-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **ESCAPE GOLD INC**
ATTN: JEAN LAFOREST
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Signature: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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TORONTO ON M5J 1T1

Finalized Date: 18-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TM11172268

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
L961221		0.20	0.011
L961222		0.21	0.008
L961223		0.19	0.007
L961224		0.21	0.011
L961225		0.24	0.010
L961226		0.28	0.011
L961227		0.23	0.009
L961228		0.20	0.014
L961229		0.21	0.010
L961230		0.21	0.011
L961231		0.24	0.012
L961232		0.14	0.012
L961233		0.21	0.006
L961234		0.25	0.014
L961235		0.17	0.010
L961236		0.20	0.012
L961237		0.23	0.009
L961238		0.15	0.009
L961239		0.16	0.012
L961240		0.21	0.011
L961241		0.16	0.007
L961242		0.23	0.009
L961243		0.20	0.014
L961244		0.22	0.010
L961245		0.20	0.012
L961246		0.20	0.015
L961247		0.23	0.012
L961248		0.20	0.005
L961249		0.24	0.007
L961250		0.22	0.040
L961251		0.25	<0.005
L961252		0.19	0.010
L961253		0.20	0.014
L961254		0.24	0.005
L961255		0.20	0.011
L961256		0.23	0.011
L961257		0.19	0.005
L961258		0.20	0.010
L961259		0.25	0.216
L961260		0.19	0.021

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Finalized Date: 18-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TM11172268

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L961261		0.17	0.013
L961262		0.21	0.009
L961263		0.20	0.012
L961264		0.23	0.010
L961265		0.19	0.024
L961266		0.20	<0.005
L961267		0.21	0.016
L961268		0.26	<0.005
L961269		0.23	0.008
L961270		0.20	0.009
L961271		0.18	0.005
L961272		0.23	0.012
L961273		0.25	0.011
L961274		0.27	0.012
L961275		0.22	0.005
L961276		0.26	0.006
L961277		0.25	0.009
L961278		0.25	0.010
L961279		0.22	0.008
L961280		0.20	0.006
L961281		0.25	0.009
L961282		0.21	<0.005
L961283		0.23	0.011
L961284		0.26	<0.005
L961285		0.24	0.005
L961286		0.23	0.009
L961287		0.24	0.011
L961288		0.24	<0.005
L961289		0.18	<0.005
L961290		0.17	0.005
L961291		0.24	<0.005
L961292		0.19	0.005
L961293		0.24	<0.005
L961294		0.23	<0.005
L961295		0.26	<0.005
L961296		0.23	0.005
L961297		0.27	<0.005
L961298		0.23	0.010
L961299		0.21	0.007
L961300		0.19	<0.005

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Finalized Date: 18-SEP-2011
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Project: KAN

CERTIFICATE OF ANALYSIS TM11172268

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L961301		0.25	<0.005
L961302		0.26	0.005
L961303		0.23	0.005
L961304		0.23	0.005
L961305		0.28	<0.005
L961306		0.19	<0.005
L961307		0.25	<0.005
L961308		0.25	0.006
L961309		0.26	0.005
L961310		0.31	<0.005
L961311		0.20	<0.005
L961312		0.24	0.008
L961313		0.27	<0.005
L961314		0.27	<0.005
L961315		0.24	<0.005
L961316		0.20	<0.005
L961317		0.23	<0.005
L961318		0.24	<0.005
L961319		0.26	<0.005
L961320		0.25	<0.005
L961321		0.25	<0.005
L961322		0.22	<0.005
L961323		0.26	0.097
L961324		0.26	<0.005
L961325		0.23	<0.005
L961326		0.24	<0.005
L961327		0.23	<0.005
L961328		0.23	<0.005
L961329		0.23	<0.005
L961330		0.23	<0.005
L961331		0.23	<0.005
L961332		0.22	<0.005
L961333		0.20	<0.005
L961334		0.22	<0.005
L961335		0.29	<0.005
L961336		0.28	<0.005
L961337		0.22	<0.005
L961338		0.22	0.008
L961339		0.21	0.026
L961340		0.23	0.016

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Finalized Date: 18-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TM11172268

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L961341		0.24	<0.005
L961342		0.25	0.005
L961343		0.28	0.309
L961344		0.22	0.008
L961345		0.30	<0.005
L961346		0.27	<0.005
L961347		0.28	<0.005
L961348		0.31	<0.005
L961349		0.27	<0.005
L961350		0.22	<0.005
L961351		0.27	<0.005
L961352		0.28	<0.005
L961353		0.27	<0.005
L961354		0.23	<0.005
L961355		0.26	<0.005
L961356		0.29	<0.005
L961357		0.29	<0.005
L961358		0.22	<0.005
L961359		0.26	<0.005
L961360		0.23	<0.005
L961361		0.30	<0.005
L961362		0.27	<0.005
L961363		0.28	<0.005
L961364		0.24	<0.005
L961365		0.30	<0.005
L961366		0.26	<0.005
L961367		0.26	<0.005
L961368		0.28	<0.005
L961369		0.25	<0.005
L961370		0.27	<0.005
L961371		0.25	<0.005
L961372		0.28	<0.005
L961373		0.30	<0.005
L961374		0.28	<0.005
L961375		0.23	<0.005
L961376		0.25	<0.005
L961377		0.25	<0.005
L961378		0.28	<0.005
L961379		0.24	0.005
L961380		0.30	<0.005

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40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 18-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TM11172268

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L961381		0.26	0.005
L961382		0.28	0.005
L961383		0.28	0.394
L961384		0.23	<0.005
L961385		0.19	<0.005
L961386		0.27	<0.005
L961387		0.26	<0.005

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 31-OCT-2011
Account: ESGOLD

CERTIFICATE TB11190866

Project: KAN

P.O. No.:

This report is for 160 Soil samples submitted to our lab in Val d'Or, QC, Canada on 30-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 31-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11190866

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg .02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L962501		0.20	<0.005	
L962502		0.10	<0.005	
L962503		0.10	<0.005	
L962504		0.07	<0.005	
L962505		0.20	<0.005	
L962506		0.20	0.029	
L962507		0.10	NSS	
L962508		0.13	<0.005	
L962509		0.09	NSS	
L962510		0.15	0.017	
L962511		0.16	NSS	
L962512		0.20	<0.005	
L962513		0.12	<0.005	
L962514		0.17	<0.005	
L962515		0.28	0.006	
L962516		0.14	<0.005	
L962517		0.17	NSS	
L962518		0.08	NSS	
L962519		0.14	NSS	
L962520		0.08	NSS	
L962521		0.15	<0.005	
L962522		0.15	0.005	
L962523		0.15	<0.005	
L962524		0.20	<0.005	
L962525		0.19	<0.005	
L962526		0.16	0.015	
L962527		0.22	<0.005	
L962528		0.27	<0.005	
L962529		0.22	0.010	
L962530		0.16	<0.005	
L962531		0.20	<0.005	
L962532		0.17	<0.005	
L962533		0.14	<0.005	
L962534		0.18	<0.005	
L962535		0.25	<0.005	
L962536		0.16	<0.005	
L962537		0.16	<0.005	
L962538		0.26	<0.005	
L962539		0.30	<0.005	
L962540		0.31	>10.0	20.2

***** See Appendix Page for comments regarding this certificate *****

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TORONTO ON M5J 1T1

Finalized Date: 31-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11190866

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg .02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L962541		0.29	0.007	
L962542		0.25	0.006	
L962543		0.18	0.007	
L962544		0.38	<0.005	
L962545		0.24	<0.005	
L962546		0.28	<0.005	
L962547		0.27	<0.005	
L962548		0.24	<0.005	
L962549		0.22	0.009	
L962550		0.19	<0.005	
L962551		0.23	<0.005	
L962552		0.27	0.006	
L962553		0.22	<0.005	
L962554		0.26	0.030	
L962555		0.22	<0.005	
L962556		0.31	<0.005	
L962557		0.20	<0.005	
L962558		0.25	<0.005	
L962559		0.29	<0.005	
L962560		0.45	<0.005	
L962561		0.24	<0.005	
L962562		0.39	<0.005	
L962563		0.23	<0.005	
L962564		0.19	<0.005	
L962565		0.32	<0.005	
L962566		0.27	0.006	
L962567		0.28	<0.005	
L962568		0.22	<0.005	
L962569		0.26	<0.005	
L962570		0.19	<0.005	
L962571		0.33	<0.005	
L962572		0.27	<0.005	
L962573		0.24	<0.005	
L962574		0.26	<0.005	
L962575		0.26	<0.005	
L962576		0.21	<0.005	
L962577		0.31	0.010	
L962578		0.18	0.008	
L962579		0.34	<0.005	
L962580		0.32	<0.005	

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40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 31-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11190866

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg .02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L962581		0.16	<0.005	
L962582		0.18	0.013	
L962583		0.25	0.011	
L962584		0.13	0.023	
L962585		0.26	<0.005	
L962586		0.12	<0.005	
L962587		0.22	0.007	
L962588		0.15	0.016	
L962589		0.25	<0.005	
L962590		0.32	<0.005	
L962591		0.33	<0.005	
L962592		0.29	<0.005	
L962593		0.37	<0.005	
L962594		0.21	0.028	
L962595		0.28	<0.005	
L962596		0.36	<0.005	
L962597		0.15	<0.005	
L962598		0.34	0.009	
L962599		0.26	<0.005	
L962600		0.31	<0.005	
L962601		0.27	<0.005	
L962602		0.29	<0.005	
L962603		0.28	<0.005	
L962604		0.21	<0.005	
L962605		0.25	<0.005	
L962606		0.26	<0.005	
L962607		0.33	<0.005	
L962608		0.31	<0.005	
L962609		0.22	<0.005	
L962610		0.32	<0.005	
L962611		0.26	0.020	
L962612		0.06	NSS	
L962613		0.11	NSS	
L962614		0.30	<0.005	
L962615		0.21	<0.005	
L962616		0.27	<0.005	
L962617		0.21	<0.005	
L962618		0.26	<0.005	
L962619		0.31	<0.005	
L962620		0.30	<0.005	

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CERTIFICATE OF ANALYSIS TB11190866

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg .02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05
L962621		0.21	0.016	
L962622		0.05	NSS	
L962623		0.12	<0.005	
L962624		0.15	<0.005	
L962625		0.30	<0.005	
L962626		0.20	<0.005	
L962627		0.26	<0.005	
L962628		0.30	<0.005	
L962629		0.20	<0.005	
L962630		Listed, NR		
L962631		0.22	<0.005	
L962632		0.21	<0.005	
L962633		0.20	<0.005	
L962634		0.16	NSS	
L962635		0.20	<0.005	
L962636		0.27	<0.005	
L962637		0.42	<0.005	
L962638		0.35	<0.005	
L962639		0.25	<0.005	
L962640		0.25	<0.005	
L962641		0.33	<0.005	
L962642		0.37	<0.005	
L962643		0.27	<0.005	
L962644		0.36	<0.005	
L962645		0.27	<0.005	
L962646		0.34	<0.005	
L962647		0.47	<0.005	
L962648		0.33	<0.005	
L962649		0.28	<0.005	
L962650		0.32	<0.005	
L962651		0.23	<0.005	
L962652		0.38	<0.005	
L962653		0.33	<0.005	
L962654		0.20	<0.005	
L962655		0.21	<0.005	
L962656		0.23	<0.005	
L962657		0.34	<0.005	
L962658		0.34	<0.005	
L962659		0.31	<0.005	
L962660		0.23	<0.005	

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 31-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11190866

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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To: ESCAPE GOLD INC
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TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

CERTIFICATE TB11190865

Project: KAN

P.O. No.:

This report is for 160 Soil samples submitted to our lab in Val d'Or, QC, Canada on 30-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11190865

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005
L962161		0.36	0.005	
L962162		0.24	<0.005	
L962163		0.23	<0.005	
L962164		0.20	0.008	
L962165		0.29	1.275	
L962166		0.23	0.066	
L962167		0.26	<0.005	
L962168		0.25	<0.005	
L962169		0.26	<0.005	
L962170		0.28	<0.005	
L962171		0.22	<0.005	
L962172		0.24	<0.005	
L962173		0.20	<0.005	
L962174		0.21	<0.005	
L962175		0.22	<0.005	
L962176		0.29	<0.005	
L962177		0.32	<0.005	
L962178		0.24	<0.005	
L962179		0.25	0.359	
L962180		0.31	<0.005	
L962181		0.30	<0.005	
L962182		0.34	<0.005	
L962183		0.35	0.006	
L962184		0.28	<0.005	
L962185		0.25	<0.005	
L962186		0.25	<0.005	
L962187		0.38	<0.005	
L962188		0.22	NSS	
L962189		0.31	<0.005	
L962190		0.22	0.008	
L962191		0.30	0.007	
L962192		0.26	<0.005	
L962193		0.25	<0.005	
L962194		0.26	<0.005	
L962195		0.27	<0.005	
L962196		0.27	<0.005	
L962197		0.28	<0.005	
L962198		0.22	<0.005	
L962199		0.23	NSS	
L962200		0.24	<0.005	

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 27-OCT-2011
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Project: KAN

CERTIFICATE OF ANALYSIS TB11190865

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005
L962201		0.25	<0.005	
L962202		0.23	0.006	
L962203		0.33	<0.005	
L962204		0.21	0.005	
L962205		0.28	0.006	
L962206		0.26	0.008	
L962207		0.27	<0.005	
L962208		0.28	<0.005	
L962209		0.20	<0.005	
L962210		0.33	<0.005	
L962211		0.20	<0.005	
L962212		0.31	<0.005	
L962213		0.26	0.019	
L962214		0.27	<0.005	
L962215		0.25	<0.005	
L962216		0.22	<0.005	
L962217		0.27	<0.005	
L962218		0.32	<0.005	
L962219		0.36	<0.005	
L962220		0.37	<0.005	
L962221		0.30	<0.005	
L962222		0.27	<0.005	
L962223		0.22	<0.005	
L962224		0.37	<0.005	
L962225		0.29	<0.005	
L962226		0.25	<0.005	
L962227		0.27	<0.005	
L962228		0.30	<0.005	
L962229		0.31	0.005	
L962230		0.33	<0.005	
L962231		0.26	0.005	
L962232		0.27	<0.005	
L962233		0.31	0.010	
L962234		0.30	<0.005	
L962235		0.31	<0.005	
L962236		0.33	<0.005	
L962237		0.34	<0.005	
L962238		0.39	<0.005	
L962239		0.30	<0.005	
L962240		0.27	<0.005	

***** See Appendix Page for comments regarding this certificate *****

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TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11190865

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005
L962241	0.35	0.007	
L962242	0.27	<0.005	
L962243	0.31	0.008	
L962244	0.38	<0.005	
L962245	0.27	0.006	
L962246	0.27	<0.005	
L962247	0.29	<0.005	
L962248	0.29	<0.005	
L962249	0.29	<0.005	
L962250	0.20	0.012	
L962251	0.28	0.221	
L962252	0.33	0.005	
L962253	0.31	<0.005	
L962254	0.28	<0.005	
L962255	0.27	<0.005	
L962256	0.35	<0.005	
L962257	0.24	<0.005	
L962258	0.25	0.024	
L962259	0.25	0.039	
L962260	0.26	<0.005	
L962261	0.29	<0.005	
L962262	0.28	<0.005	
L962263	0.33	<0.005	
L962264	0.15	<0.005	
L962265	0.24	<0.005	
L962266	0.33	<0.005	
L962267	0.24	<0.005	
L962268	0.24	<0.005	
L962269	0.25	<0.005	
L962270	0.22	<0.005	
L962271	0.28	<0.005	
L962272	0.26	<0.005	
L962273	0.26	<0.005	
L962274	0.23	<0.005	
L962275	0.23	<0.005	
L962276	0.26	<0.005	
L962277	0.20	<0.005	
L962278	0.28	0.022	
L962279	0.27	0.163	
L962280	0.21	0.030	

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To: ESCAPE GOLD INC
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TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11190865

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005
L962281		0.31	0.008	
L962282		0.33	0.009	
L962283		0.29	0.006	
L962284		0.31	<0.005	
L962285		0.28	<0.005	
L962286		0.29	<0.005	
L962287		0.30	<0.005	
L962288		0.28	<0.005	
L962289		0.25	<0.005	
L962290		0.25	<0.005	
L962291		0.26	0.055	
L962292		0.25	<0.005	
L962293		0.30	<0.005	
L962294		0.30	<0.005	
L962295		0.26	<0.005	
L962296		0.20	0.030	
L962297		0.30	0.051	
L962298		0.32	2.12	NSS
L962299		0.31	0.067	
L962300		0.26	<0.005	
L962301		0.27	<0.005	
L962302		0.24	0.011	
L962303		0.26	0.039	
L962304		0.23	<0.005	
L962305		0.24	0.007	
L962306		0.20	0.064	
L962307		0.25	0.006	
L962308		0.23	<0.005	
L962309		0.30	0.005	
L962310		0.32	<0.005	
L962311		0.35	<0.005	
L962312		0.28	<0.005	
L962313		0.32	<0.005	
L962314		0.31	<0.005	
L962315		0.32	<0.005	
L962316		0.31	<0.005	
L962317		0.33	<0.005	
L962318		0.27	<0.005	
L962319		0.24	<0.005	
L962320		0.33	<0.005	

***** See Appendix Page for comments regarding this certificate *****

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TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11190865

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 25-OCT-2011
This copy reported on 7-MAR-2012
Account: ESGOLD

CERTIFICATE TB11190864

Project: KAN

P.O. No.:

This report is for 160 Soil samples submitted to our lab in Val d'Or, QC, Canada on 30-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 25-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11190864

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962001		0.22	0.016
L962002		0.26	0.015
L962003		0.26	0.012
L962004		0.25	0.028
L962005		0.30	0.019
L962006		0.29	<0.005
L962007		0.31	0.015
L962008		0.29	0.112
L962009		0.22	0.024
L962010		0.24	<0.005
L962011		0.23	<0.005
L962012		0.26	<0.005
L962013		0.27	0.051
L962014		0.23	<0.005
L962015		0.30	<0.005
L962016		0.33	0.038
L962017		0.27	<0.005
L962018		0.27	<0.005
L962019		0.25	<0.005
L962020		0.29	0.006
L962021		0.27	0.211
L962022		0.24	0.054
L962023		0.29	0.043
L962024		0.34	<0.005
L962025		0.27	<0.005
L962026		0.25	<0.005
L962027		0.31	<0.005
L962028		0.32	0.017
L962029		0.25	<0.005
L962030		0.31	<0.005
L962031		0.28	<0.005
L962032		0.29	<0.005
L962033		0.28	<0.005
L962034		0.24	<0.005
L962035		0.28	<0.005
L962036		0.25	<0.005
L962037		0.26	<0.005
L962038		0.23	<0.005
L962039		0.28	<0.005
L962040		0.26	0.016

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TORONTO ON M5J 1T1

Finalized Date: 25-OCT-2011
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Project: KAN

CERTIFICATE OF ANALYSIS TB11190864

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962041	0.26	<0.005
L962042	0.30	<0.005
L962043	0.23	0.008
L962044	0.31	0.041
L962045	0.33	<0.005
L962046	0.32	<0.005
L962047	0.23	<0.005
L962048	0.25	<0.005
L962049	0.27	<0.005
L962050	0.27	0.255
L962051	0.18	<0.005
L962052	0.28	<0.005
L962053	0.27	0.463
L962054	0.27	<0.005
L962055	0.30	<0.005
L962056	0.24	<0.005
L962057	0.22	<0.005
L962058	0.22	<0.005
L962059	0.26	0.301
L962060	0.25	0.021
L962061	0.28	0.007
L962062	0.20	0.012
L962063	0.18	0.036
L962064	0.25	<0.005
L962065	0.24	<0.005
L962066	0.24	0.010
L962067	0.26	<0.005
L962068	0.27	0.008
L962069	0.32	0.007
L962070	0.26	<0.005
L962071	0.15	<0.005
L962072	0.22	0.016
L962073	0.23	<0.005
L962074	0.25	<0.005
L962075	0.25	<0.005
L962076	0.25	<0.005
L962077	0.20	0.012
L962078	0.22	<0.005
L962079	0.22	<0.005
L962080	0.26	<0.005

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Project: KAN

CERTIFICATE OF ANALYSIS TB11190864

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962081		0.30	0.007
L962082		0.22	<0.005
L962083		0.23	0.005
L962084		0.20	<0.005
L962085		0.21	<0.005
L962086		0.19	<0.005
L962087		0.22	<0.005
L962088		0.21	<0.005
L962089		0.23	<0.005
L962090		0.26	<0.005
L962091		0.27	<0.005
L962092		0.28	<0.005
L962093		0.27	0.009
L962094		0.23	<0.005
L962095		0.18	0.015
L962096		0.21	<0.005
L962097		0.22	<0.005
L962098		0.33	<0.005
L962099		0.29	<0.005
L962100		0.24	<0.005
L962101		0.21	0.005
L962102		0.19	<0.005
L962103		0.18	<0.005
L962104		0.20	<0.005
L962105		0.18	0.011
L962106		0.21	<0.005
L962107		0.27	<0.005
L962108		0.22	<0.005
L962109		0.25	<0.005
L962110		0.24	<0.005
L962111		0.18	<0.005
L962112		0.32	0.006
L962113		0.26	<0.005
L962114		0.28	<0.005
L962115		0.21	<0.005
L962116		0.22	<0.005
L962117		0.31	<0.005
L962118		0.28	<0.005
L962119		0.20	0.007
L962120		0.23	<0.005

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CERTIFICATE OF ANALYSIS TB11190864

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
L962121		0.19	<0.005
L962122		0.24	<0.005
L962123		0.23	0.010
L962124		0.22	0.005
L962125		0.24	<0.005
L962126		0.27	<0.005
L962127		0.22	<0.005
L962128		0.20	<0.005
L962129		0.21	<0.005
L962130		0.22	<0.005
L962131		0.23	<0.005
L962132		0.29	<0.005
L962133		0.22	0.010
L962134		0.27	0.023
L962135		0.22	<0.005
L962136		0.27	<0.005
L962137		0.26	<0.005
L962138		0.22	<0.005
L962139		0.34	<0.005
L962140		0.29	<0.005
L962141		0.29	<0.005
L962142		0.26	<0.005
L962143		0.24	<0.005
L962144		0.27	0.010
L962145		0.28	<0.005
L962146		0.44	<0.005
L962147		0.29	<0.005
L962148		0.19	<0.005
L962149		0.30	0.020
L962150		0.24	<0.005
L962151		0.27	<0.005
L962152		0.26	<0.005
L962153		0.28	<0.005
L962154		0.25	<0.005
L962155		0.33	<0.005
L962156		0.32	<0.005
L962157		0.18	0.008
L962158		0.28	<0.005
L962159		0.45	0.013
L962160		0.30	<0.005

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To: ESCAPE GOLD INC
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Finalized Date: 27-OCT-2011
Account: ESGOLD

CERTIFICATE TB11182005

Project: KAN

P.O. No.:

This report is for 160 Soil samples submitted to our lab in Val d'Or, QC, Canada on 22-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11182005

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
L962781		0.25	0.021
L962782		0.37	0.024
L962783		0.33	0.005
L962784		0.35	0.006
L962785		0.42	<0.005
L962786		0.29	0.012
L962787		0.29	<0.005
L962788		0.47	0.006
L962789		0.55	<0.005
L962790		0.23	0.022
L962791		0.44	0.005
L962792		0.55	<0.005
L962793		0.40	<0.005
L962794		0.50	0.018
L962795		0.33	0.026
L962796		0.47	0.012
L962797		0.43	0.014
L962798		0.32	0.009
L962799		0.32	<0.005
L962800		0.43	0.034
L962801		0.40	<0.005
L962802		0.36	<0.005
L962803		0.45	<0.005
L962804		0.45	<0.005
L962805		0.50	<0.005
L962806		0.42	<0.005
L962807		0.49	<0.005
L962808		0.44	<0.005
L962809		0.36	0.030
L962810		0.35	0.016
L962811		0.35	0.022
L962812		0.38	<0.005
L962813		0.36	<0.005
L962814		0.61	0.009
L962815		0.36	0.007
L962816		0.45	0.008
L962817		0.43	0.022
L962818		0.38	0.012
L962819		0.20	0.014
L962820		0.43	<0.005

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Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11182005

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962821		0.28	<0.005
L962822		0.48	0.022
L962823		0.48	0.008
L962824		0.42	<0.005
L962825		0.39	0.009
L962826		0.31	<0.005
L962827		0.46	<0.005
L962828		0.29	<0.005
L962829		0.38	<0.005
L962830		0.30	<0.005
L962831		0.34	<0.005
L962832		0.33	<0.005
L962833		0.59	<0.005
L962834		0.44	<0.005
L962835		0.39	<0.005
L962836		0.31	<0.005
L962837		0.29	<0.005
L962838		0.31	0.008
L962839		0.37	<0.005
L962840		0.44	<0.005
L962841		0.34	<0.005
L962842		0.42	<0.005
L962843		0.48	<0.005
L962844		0.37	<0.005
L962845		0.38	<0.005
L962846		0.41	<0.005
L962847		0.43	<0.005
L962848		0.23	<0.005
L962849		0.30	<0.005
L962850		0.49	<0.005
L962851		0.48	<0.005
L962852		0.28	0.005
L962853		0.32	0.009
L962854		0.37	<0.005
L962855		0.41	<0.005
L962856		0.48	<0.005
L962857		0.40	<0.005
L962858		0.41	<0.005
L962859		0.37	0.014
L962860		0.21	<0.005

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CERTIFICATE OF ANALYSIS TB11182005

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962861		0.33	<0.005
L962862		0.52	<0.005
L962863		0.49	<0.005
L962864		0.43	0.263
L962865		0.39	<0.005
L962866		0.37	<0.005
L962867		0.35	<0.005
L962868		0.35	<0.005
L962869		0.37	<0.005
L962870		0.41	0.016
L962871		0.27	<0.005
L962872		0.35	<0.005
L962873		0.36	0.015
L962874		0.29	<0.005
L962875		0.40	<0.005
L962876		0.26	<0.005
L962877		0.29	<0.005
L962878		0.48	<0.005
L962879		0.29	<0.005
L962880		0.57	<0.005
L962881		0.49	<0.005
L962882		0.38	<0.005
L962883		0.30	0.005
L962884		0.42	<0.005
L962885		0.34	0.008
L962886		0.32	<0.005
L962887		0.39	<0.005
L962888		0.35	<0.005
L962889		0.32	<0.005
L962890		0.46	<0.005
L962891		0.27	0.010
L962892		0.29	<0.005
L962893		0.44	<0.005
L962894		0.41	<0.005
L962895		0.39	<0.005
L962896		0.38	<0.005
L962897		0.36	<0.005
L962898		0.35	<0.005
L962899		0.41	<0.005
L962900		0.32	<0.005

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Finalized Date: 27-OCT-2011
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Project: KAN

CERTIFICATE OF ANALYSIS TB11182005

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962901		0.47	<0.005
L962902		0.37	<0.005
L962903		0.42	0.007
L962904		0.27	<0.005
L962905		0.36	<0.005
L962906		0.31	<0.005
L962907		0.37	<0.005
L962908		0.23	<0.005
L962909		0.22	<0.005
L962910		0.40	<0.005
L962911		0.36	<0.005
L962912		0.46	<0.005
L962913		0.43	<0.005
L962914		0.32	<0.005
L962915		0.43	<0.005
L962916		0.47	<0.005
L962917		0.32	<0.005
L962918		0.50	0.153
L962919		0.40	<0.005
L962920		0.39	<0.005
L962921		0.33	0.005
L962922		0.38	<0.005
L962923		0.37	<0.005
L962924		0.38	<0.005
L962925		0.23	0.015
L962926		0.32	0.007
L962927		0.44	<0.005
L962928		0.49	<0.005
L962929		0.48	<0.005
L962930		0.24	<0.005
L962931		0.39	<0.005
L962932		0.31	<0.005
L962933		0.30	<0.005
L962934		0.37	<0.005
L962935		0.21	<0.005
L962936		0.43	<0.005
L962937		0.40	<0.005
L962938		0.46	<0.005
L962939		0.31	0.012
L962940		0.34	0.006

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To: ESCAPE GOLD INC
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TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

CERTIFICATE TB11180777

Project: KAN

P.O. No.:

This report is for 100 Soil samples submitted to our lab in Val d'Or, QC, Canada on 22-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ESCAPE GOLD INC
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Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11180777

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
L961121		0.32	<0.005
L961122		0.30	<0.005
L961123		0.39	<0.005
L961124		0.27	<0.005
L961125		0.30	<0.005
L961126		0.24	<0.005
L961127		0.24	<0.005
L961128		0.24	<0.005
L961129		0.28	<0.005
L961130		0.21	<0.005
L961131		0.24	<0.005
L961132		0.25	<0.005
L961133		0.37	<0.005
L961134		0.29	<0.005
L961135		0.28	<0.005
L961136		0.28	<0.005
L961137		0.25	<0.005
L961138		0.25	<0.005
L961139		0.26	<0.005
L961140		0.30	<0.005
L961141		0.25	<0.005
L961142		0.27	<0.005
L961143		0.25	<0.005
L961144		0.29	<0.005
L961145		0.27	<0.005
L961146		0.27	<0.005
L961147		0.31	<0.005
L961148		0.29	<0.005
L961149		0.30	<0.005
L961150		0.28	<0.005
L961151		0.22	<0.005
L961152		0.26	<0.005
L961153		0.20	<0.005
L961154		0.26	<0.005
L961155		0.22	<0.005
L961156		0.22	<0.005
L961157		0.23	0.010
L961158		0.10	0.005
L961159		0.26	<0.005
L961160		0.30	<0.005

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Project: KAN

CERTIFICATE OF ANALYSIS TB11180777

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L961161		0.24	<0.005
L961162		0.27	<0.005
L961163		0.27	<0.005
L961164		0.21	<0.005
L961165		0.23	<0.005
L961166		0.18	<0.005
L961167		0.23	<0.005
L961168		0.24	<0.005
L961169		0.25	<0.005
L961170		0.28	<0.005
L961171		0.23	<0.005
L961172		0.24	<0.005
L961173		0.23	<0.005
L961174		0.22	<0.005
L961175		0.25	<0.005
L961176		0.26	<0.005
L961177		0.26	<0.005
L961178		0.27	<0.005
L961179		0.32	<0.005
L961180		0.26	<0.005
L961181		0.22	<0.005
L961182		0.26	0.025
L961183		0.24	<0.005
L961184		0.25	<0.005
L961185		0.26	<0.005
L961186		0.27	<0.005
L961187		0.22	0.007
L961188		0.26	<0.005
L961189		0.26	<0.005
L961190		0.26	<0.005
L961191		0.23	<0.005
L961192		0.28	<0.005
L961193		0.26	<0.005
L961194		0.25	<0.005
L961195		0.24	<0.005
L961196		0.19	<0.005
L961197		0.22	<0.005
L961198		0.27	<0.005
L961199		0.27	<0.005
L961200		0.28	<0.005

ALS Canada Ltd.
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To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11180777

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L961201		0.40	<0.005
L961202		0.32	0.013
L961203		0.38	0.014
L961204		0.21	0.005
L961205		0.29	<0.005
L961206		0.26	<0.005
L961207		0.22	<0.005
L961208		0.24	<0.005
L961209		0.26	<0.005
L961210		0.25	<0.005
L961211		0.27	<0.005
L961212		0.24	0.008
L961213		0.23	<0.005
L961214		0.27	<0.005
L961215		0.21	<0.005
L961216		0.22	<0.005
L961217		0.23	<0.005
L961218		0.25	<0.005
L961219		0.26	<0.005
L961220		0.31	<0.005

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To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

CERTIFICATE TB11180776

Project: KAN

P.O. No.:

This report is for 100 Soil samples submitted to our lab in Val d'Or, QC, Canada on 22-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11180776

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
L961021		0.33	<0.005
L961022		0.32	<0.005
L961023		0.24	<0.005
L961024		0.28	<0.005
L961025		0.26	<0.005
L961026		0.24	<0.005
L961027		0.26	<0.005
L961028		0.25	<0.005
L961029		0.19	<0.005
L961030		0.24	<0.005
L961031		0.19	<0.005
L961032		0.24	<0.005
L961033		0.20	<0.005
L961034		0.21	<0.005
L961035		0.25	<0.005
L961036		0.28	<0.005
L961037		0.21	<0.005
L961038		0.33	0.007
L961039		0.29	0.018
L961040		0.33	0.007
L961041		0.27	<0.005
L961042		0.22	0.005
L961043		0.27	0.014
L961044		<0.02	NSS
L961045		0.22	0.048
L961046		0.21	0.013
L961047		0.30	<0.005
L961048		0.26	<0.005
L961049		0.23	0.005
L961050		0.28	<0.005
L961051		0.27	<0.005
L961052		0.25	<0.005
L961053		0.25	<0.005
L961054		0.26	0.011
L961055		0.24	<0.005
L961056		0.28	<0.005
L961057		0.29	<0.005
L961058		0.26	0.109
L961059		0.30	0.210
L961060		0.33	<0.005

***** See Appendix Page for comments regarding this certificate *****

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TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11180776

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L961061		0.30	<0.005
L961062		0.25	<0.005
L961063		0.22	<0.005
L961064		0.30	<0.005
L961065		0.27	<0.005
L961066		0.22	<0.005
L961067		0.29	0.005
L961068		0.36	<0.005
L961069		0.25	<0.005
L961070		0.23	<0.005
L961071		0.26	<0.005
L961072		0.27	<0.005
L961073		0.25	<0.005
L961074		0.26	<0.005
L961075		0.24	<0.005
L961076		0.26	<0.005
L961077		0.26	0.010
L961078		0.29	0.015
L961079		0.27	<0.005
L961080		0.27	<0.005
L961081		0.23	<0.005
L961082		0.27	<0.005
L961083		0.24	<0.005
L961084		0.27	0.014
L961085		0.34	<0.005
L961086		0.23	<0.005
L961087		0.29	<0.005
L961088		0.26	<0.005
L961089		0.26	<0.005
L961090		0.30	<0.005
L961091		0.24	<0.005
L961092		0.24	<0.005
L961093		0.27	0.011
L961094		0.30	<0.005
L961095		0.28	0.011
L961096		0.32	<0.005
L961097		0.26	<0.005
L961098		0.22	<0.005
L961099		0.25	<0.005
L961100		0.26	<0.005

***** See Appendix Page for comments regarding this certificate *****

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TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11180776

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L961101		0.22	<0.005
L961102		0.26	<0.005
L961103		0.27	<0.005
L961104		0.25	<0.005
L961105		0.26	<0.005
L961106		0.25	<0.005
L961107		0.26	<0.005
L961108		0.24	<0.005
L961109		0.26	0.005
L961110		0.30	0.006
L961111		0.19	<0.005
L961112		0.22	<0.005
L961113		0.28	<0.005
L961114		0.23	0.005
L961115		0.27	<0.005
L961116		0.26	<0.005
L961117		0.25	<0.005
L961118		0.26	<0.005
L961119		0.22	<0.005
L961120		0.28	<0.005

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TORONTO ON M5J 1T1

Finalized Date: 27-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TB11180776

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

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To: ESCAPE GOLD INC
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TORONTO ON M5J 1T1

Finalized Date: 27-SEP-2011
Account: ESGOLD

CERTIFICATE SD11159477

Project: KAN

P.O. No.:

This report is for 140 Soil samples submitted to our lab in Val d'Or, QC, Canada on 10-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 27-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS SD11159477

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg .02	Au-AA23 Au ppm 0.005
L961001		0.22	0.010
L961002		0.25	0.027
L961003		0.25	0.005
L961004		0.26	<0.005
L961005		0.26	0.010
L961006		0.29	<0.005
L961007		0.23	<0.005
L961008		0.30	<0.005
L961009		0.32	<0.005
L961010		0.27	<0.005
L961011		0.29	0.006
L961012		0.28	0.008
L961013		0.23	<0.005
L961014		0.26	<0.005
L961015		0.25	0.007
L961016		0.29	<0.005
L961017		0.40	<0.005
L961018		0.32	<0.005
L961019		0.28	<0.005
L961020		0.25	<0.005
L962661		0.34	0.006
L962662		0.29	0.006
L962663		0.29	<0.005
L962664		0.31	0.007
L962665		0.28	0.005
L962666		0.37	<0.005
L962667		0.37	<0.005
L962668		0.31	<0.005
L962669		0.30	<0.005
L962670		0.23	<0.005
L962671		0.30	<0.005
L962672		0.16	<0.005
L962673		0.18	<0.005
L962674		0.38	<0.005
L962675		0.27	0.006
L962676		0.31	<0.005
L962677		0.38	<0.005
L962678		0.35	<0.005
L962679		0.31	<0.005
L962680		0.36	<0.005

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TORONTO ON M5J 1T1

Finalized Date: 27-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS SD11159477

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg .02	Au-AA23 Au ppm 0.005
L962681		0.35	0.005
L962682		0.42	<0.005
L962683		0.30	<0.005
L962684		0.28	<0.005
L962685		0.43	0.005
L962686		0.36	0.006
L962687		0.22	<0.005
L962688		0.31	0.009
L962689		0.39	<0.005
L962690		0.31	0.012
L962691		0.42	0.008
L962692		0.45	0.009
L962693		0.37	<0.005
L962694		0.26	0.007
L962695		0.34	<0.005
L962696		0.34	<0.005
L962697		0.36	<0.005
L962698		0.44	<0.005
L962699		0.50	<0.005
L962700		0.41	<0.005
L962701		0.36	<0.005
L962702		0.29	<0.005
L962703		0.34	<0.005
L962704		0.25	<0.005
L962705		0.30	<0.005
L962706		0.35	<0.005
L962707		0.52	0.006
L962708		0.34	0.005
L962709		0.33	<0.005
L962710		0.39	<0.005
L962711		0.34	<0.005
L962712		0.43	<0.005
L962713		0.41	<0.005
L962714		0.34	0.014
L962715		0.40	0.013
L962716		0.34	0.017
L962717		0.35	0.012
L962718		0.34	0.057
L962719		0.35	0.010
L962720		0.56	<0.005

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40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 27-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS SD11159477

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg .02	Au-AA23 Au ppm 0.005
L962721		0.34	<0.005
L962722		0.48	<0.005
L962723		0.45	<0.005
L962724		0.40	0.013
L962725		0.58	<0.005
L962726		0.45	<0.005
L962727		0.55	<0.005
L962728		0.39	<0.005
L962729		0.42	0.005
L962730		0.44	0.008
L962731		0.46	<0.005
L962732		0.40	<0.005
L962733		0.30	<0.005
L962734		0.32	0.017
L962735		0.45	<0.005
L962736		0.31	0.012
L962737		0.33	0.093
L962738		0.42	0.354
L962739		0.38	1.510
L962740		0.24	0.209
L962741		0.28	<0.005
L962742		0.30	0.158
L962743		0.24	0.006
L962744		0.32	0.033
L962745		0.40	<0.005
L962746		0.32	0.008
L962747		0.22	0.009
L962748		0.25	0.009
L962749		0.22	0.006
L962750		0.13	0.017
L962751		0.34	0.043
L962752		0.39	0.020
L962753		0.35	<0.005
L962754		0.45	0.551
L962755		Not Recvd	
L962756		0.33	0.019
L962757		0.31	0.026
L962758		0.34	0.005
L962759		0.32	0.091
L962760		0.30	0.009

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TORONTO ON M5J 1T1

Finalized Date: 27-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS SD11159477

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg .02	Au-AA23 Au ppm 0.005
L962761		0.38	0.007
L962762		0.25	0.014
L962763		0.24	0.022
L962764		0.51	<0.005
L962765		0.44	<0.005
L962766		0.22	<0.005
L962767		0.23	<0.005
L962768		0.28	0.052
L962769		0.40	0.052
L962770		0.48	0.066
L962771		0.39	<0.005
L962772		0.28	0.013
L962773		0.41	0.177
L962774		0.33	0.009
L962775		0.43	0.277
L962776		0.36	0.108
L962777		0.41	<0.005
L962778		0.44	0.005
L962779		0.22	<0.005
L962780		0.25	<0.005

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To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 4-OCT-2011
This copy reported on
7-MAR-2012
Account: ESGOLD

CERTIFICATE SD11159476

Project: KAN
P.O. No.:
This report is for 180 Soil samples submitted to our lab in Val d'Or, QC, Canada on 10-AUG-2011.
The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ESCAPE GOLD INC
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TORONTO ON M5J 1T1

Finalized Date: 4-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS SD11159476

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
L962321		0.28	0.007
L962322		0.32	3.62
L962323		0.23	0.041
L962324		0.33	<0.005
L962325		0.25	0.029
L962326		0.26	0.068
L962327		0.37	<0.005
L962328		0.34	0.006
L962329		0.27	<0.005
L962330		0.23	0.020
L962331		0.23	0.077
L962332		0.24	2.10
L962333		0.23	0.032
L962334		0.31	0.011
L962335		0.27	0.006
L962336		0.25	0.453
L962337		0.25	0.077
L962338		0.24	0.048
L962339		0.28	<0.005
L962340		0.31	<0.005
L962341		0.28	<0.005
L962342		0.27	<0.005
L962343		0.29	<0.005
L962344		0.28	<0.005
L962345		0.30	<0.005
L962346		0.32	0.013
L962347		0.26	0.092
L962348		0.27	0.234
L962349		0.23	0.036
L962350		0.38	0.021
L962351		0.26	0.077
L962352		0.25	0.015
L962353		0.22	0.024
L962354		0.28	0.040
L962355		0.24	0.063
L962356		0.26	0.012
L962357		0.29	<0.005
L962358		0.31	1.075
L962359		0.22	0.017
L962360		0.24	0.025

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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 4-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS SD11159476

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
L962361		0.25	0.009
L962362		0.27	0.017
L962363		0.35	0.007
L962364		0.26	0.006
L962365		0.23	0.137
L962366		0.28	0.008
L962367		0.27	0.016
L962368		0.23	0.005
L962369		0.29	<0.005
L962370		0.27	<0.005
L962371		0.27	0.013
L962372		0.34	0.802
L962373		0.24	0.029
L962374		0.22	2.08
L962375		0.25	0.011
L962376		0.29	<0.005
L962377		0.29	<0.005
L962378		0.24	0.005
L962379		0.24	0.013
L962380		0.29	0.028
L962381		0.30	0.062
L962382		0.29	0.032
L962383		0.23	<0.005
L962384		0.30	<0.005
L962385		0.26	<0.005
L962386		0.23	0.029
L962387		0.32	<0.005
L962388		0.25	<0.005
L962389		0.28	0.007
L962390		0.29	0.009
L962391		0.25	0.039
L962392		0.31	0.038
L962393		0.26	0.038
L962394		0.22	0.051
L962395		0.28	0.018
L962396		0.31	0.157
L962397		0.31	<0.005
L962398		0.31	<0.005
L962399		0.27	0.007
L962400		0.24	0.101

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Finalized Date: 4-OCT-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS SD11159476

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962401		0.23	0.015
L962402		0.28	0.014
L962403		0.26	<0.005
L962404		0.26	0.020
L962405		0.26	0.006
L962406		0.33	0.005
L962407		0.26	0.011
L962408		0.29	<0.005
L962409		0.26	<0.005
L962410		0.25	<0.005
L962411		0.26	0.013
L962412		0.15	<0.005
L962413		0.24	<0.005
L962414		0.25	<0.005
L962415		0.30	0.005
L962416		0.29	<0.005
L962417		0.28	<0.005
L962418		0.30	0.040
L962419		0.31	<0.005
L962420		0.32	<0.005
L962421		0.30	<0.005
L962422		0.30	<0.005
L962423		0.29	<0.005
L962424		0.28	<0.005
L962425		0.25	<0.005
L962426		0.27	<0.005
L962427		0.22	0.100
L962428		0.24	0.010
L962429		0.22	0.005
L962430		0.25	<0.005
L962431		0.34	<0.005
L962432		0.21	0.009
L962433		0.18	0.012
L962434		0.23	<0.005
L962435		0.25	0.020
L962436		0.23	0.007
L962437		0.30	<0.005
L962438		0.25	0.014
L962439		0.28	0.468
L962440		0.27	0.437

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CERTIFICATE OF ANALYSIS SD11159476

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962441		0.25	0.007
L962442		0.24	0.019
L962443		0.23	0.035
L962444		0.31	0.044
L962445		0.23	0.012
L962446		0.24	<0.005
L962447		0.24	0.013
L962448		0.22	0.024
L962449		0.23	0.050
L962450		0.26	0.025
L962451		0.28	<0.005
L962452		0.23	0.011
L962453		0.27	0.027
L962454		0.22	0.009
L962455		0.24	2.33
L962456		0.23	0.021
L962457		0.24	0.018
L962458		0.30	0.018
L962459		0.26	0.012
L962460		0.25	0.034
L962461		0.25	<0.005
L962462		0.34	0.016
L962463		0.27	<0.005
L962464		0.27	0.006
L962465		0.30	0.139
L962466		0.29	0.014
L962467		0.27	0.012
L962468		0.27	0.016
L962469		0.29	0.129
L962470		0.24	0.013
L962471		0.27	0.018
L962472		0.27	0.007
L962473		0.34	0.272
L962474		0.37	0.035
L962475		0.32	0.008
L962476		0.28	0.013
L962477		0.29	<0.005
L962478		0.30	<0.005
L962479		0.31	0.007
L962480		0.28	<0.005

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CERTIFICATE OF ANALYSIS SD11159476

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962481		0.23	0.077
L962482		0.25	0.021
L962483		0.26	<0.005
L962484		0.31	0.011
L962485		0.24	<0.005
L962486		0.25	0.011
L962487		0.22	0.016
L962488		0.23	<0.005
L962489		0.30	0.005
L962490		0.24	<0.005
L962491		0.26	<0.005
L962492		0.23	<0.005
L962493		0.22	<0.005
L962494		0.31	<0.005
L962495		0.32	0.008
L962496		0.31	0.011
L962497		0.25	<0.005
L962498		0.18	<0.005
L962499		0.22	0.007
L962500		0.20	0.006

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To: ESCAPE GOLD INC
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

Finalized Date: 19-SEP-2011
Account: ESGOLD

CERTIFICATE TM11172269

Project: KAN

P.O. No.:

This report is for 127 Soil samples submitted to our lab in Val d'Or, QC, Canada on 25-AUG-2011.

The following have access to data associated with this certificate:

JEAN LAFOREST	JOHN MAGEE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ESCAPE GOLD INC
ATTN: JEAN LAFOREST
40 UNIVERSITY AVE. SUITE 710
TORONTO ON M5J 1T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: Nacera Amara
Nacera Amara, Laboratory Manager, Val d'Or

ALS Canada Ltd.
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TORONTO ON M5J 1T1

Finalized Date: 19-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TM11172269

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962941		0.38	0.009
L962942		0.02	<0.005
L962943		0.29	<0.005
L962944		0.34	0.014
L962945		0.17	<0.005
L962946		0.26	<0.005
L962947		0.24	<0.005
L962948		0.36	<0.005
L962949		0.38	<0.005
L962950		0.32	0.007
L962951		0.42	0.005
L962952		0.39	0.007
L962953		0.31	<0.005
L962954		0.27	0.007
L962955		0.24	0.005
L962956		0.29	<0.005
L962957		0.36	<0.005
L962958		0.33	0.006
L962959		0.43	<0.005
L962960		0.38	<0.005
L962961		0.20	<0.005
L962962		0.20	<0.005
L962963		0.15	<0.005
L962964		0.33	0.010
L962965		0.29	0.005
L962966		0.24	0.024
L962967		0.38	<0.005
L962968		0.37	0.010
L962969		0.27	0.006
L962970		0.25	<0.005
L962971		0.22	0.005
L962972		0.32	0.006
L962973		0.41	<0.005
L962974		0.44	<0.005
L962975		0.32	0.008
L962976		0.39	0.014
L962977		0.35	<0.005
L962978		0.48	<0.005
L962979		0.25	<0.005
L962980		0.39	0.010

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS TM11172269

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L962981		0.38	0.008
L962982		0.44	<0.005
L962983		0.31	0.020
L962984		0.40	<0.005
L962985		0.33	0.013
L962986		0.30	0.018
L962987		0.41	<0.005
L962988		0.32	0.006
L962989		0.24	<0.005
L962990		0.38	<0.005
L962991		0.41	0.007
L962992		0.35	<0.005
L962993		0.43	<0.005
L962994		0.42	0.008
L962995		0.40	<0.005
L962996		0.28	<0.005
L962997		0.76	<0.005
L962998		0.23	<0.005
L962999		0.33	<0.005
L963000		0.35	<0.005
L961501		0.35	<0.005
L961502		0.37	<0.005
L961503		0.33	<0.005
L961504		0.23	0.013
L961505		0.38	0.005
L961506		0.27	<0.005
L961507		0.32	<0.005
L961508		0.37	<0.005
L961509		0.45	<0.005
L961510		0.37	0.005
L961511		0.46	0.007
L961512		0.40	<0.005
L961513		0.39	0.005
L961514		0.36	0.006
L961515		0.49	0.005
L961516		0.46	0.012
L961517		0.41	<0.005
L961518		0.45	0.005
L961519		0.36	0.007
L961520		0.31	NSS

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS TM11172269

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L961521		0.37	<0.005
L961522		0.31	0.006
L961523		0.32	<0.005
L961524		0.28	0.007
L961525		0.26	NSS
L961526		0.45	<0.005
L961527		0.51	0.007
L961528		0.30	NSS
L961529		0.49	<0.005
L961530		0.53	<0.005
L961531		0.36	0.025
L961532		0.32	0.016
L961533		0.42	0.008
L961534		0.20	NSS
L961535		0.40	0.023
L961536		0.35	0.007
L961537		0.25	0.007
L961538		0.26	<0.005
L961539		0.39	0.006
L961540		0.25	0.007
L961541		0.36	0.005
L961542		0.54	0.005
L961543		0.51	<0.005
L961544		0.49	<0.005
L961545		0.37	0.007
L961546		0.42	0.006
L961547		0.37	0.099
L961548		0.49	<0.005
L961549		0.65	0.005
L961550		0.33	0.008
L961551		0.48	0.005
L961552		0.32	0.007
L961553		0.45	0.005
L961554		0.43	0.008
L961555		0.21	0.009
L961556		0.41	0.007
L961557		0.44	0.014
L961558		0.48	0.008
L961559		0.48	0.038
L961560		0.47	0.009

***** See Appendix Page for comments regarding this certificate *****

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To: **ESCAPE GOLD INC**
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TORONTO ON M5J 1T1

Finalized Date: 19-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TM11172269

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
L961561		0.46	0.020
L961562		0.30	0.007
L961563		0.39	0.008
L961564		0.23	<0.005
L961565		0.18	0.017
L961566		0.24	0.005
L961567		0.37	0.006

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 19-SEP-2011
Account: ESGOLD

Project: KAN

CERTIFICATE OF ANALYSIS TM11172269

Method	CERTIFICATE COMMENTS
ALL METHODS	NSS is non-sufficient sample.

Certificate of Analysis

Work Order: TO116367

To: **COD SGS Minerals**
C/O P.O. Box 439
Whiffen Head Road
ARNOLD COVE
NF A0B 1A0

Date: Sep 16, 2011

P.O. No.	:	Escape Gold
Project No.	:	-
No. Of Samples	:	80
Date Submitted	:	Aug 31, 2011
Report Comprises	:	Pages 1 to 19 (Inclusive of Cover Sheet)

Distribution of unused material:
Return to client:

Certified By : _____
Lawrence Ng
Regional Business Manager (GEOCHEM)

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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SGS

Final : TO116367 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960401	249	4	<10	0.8	<10	<1	90	8	<5	48
960402	115	98	180	0.3	60	<1	130	63	69	245
960403	47	5	<10	0.1	<10	<1	220	27	<5	147
960404	9	52	810	0.4	<10	<1	10	6	253	245
960405	88	185	30	<0.1	40	<1	<10	2	31	121
960406	178	193	30	0.3	140	<1	10	12	274	141
960407	149	121	40	0.6	120	<1	20	13	122	49
960408	12	116	30	0.1	1190	<1	70	5	1440	27
960409	1	97	<10	<0.1	800	<1	30	1	158	734
960410	15	84	<10	0.1	810	<1	310	3	312	14
960411	40	89	180	<0.1	30	<1	160	10	308	49
960412	18	36	<10	0.3	1030	<1	270	6	167	100
960413	7	57	<10	0.1	1000	<1	160	2	528	<5
960414	4	77	20	0.2	1180	<1	120	2	1070	10
960415	145	99	10	0.2	630	<1	120	4	295	54
960416	37	149	70	0.5	550	<1	30	10	1150	239
960417	43	98	<10	2.7	20	<1	<10	4	229	224
960418	10	187	400	0.1	30	<1	10	7	70	539
960419	26	159	30	0.4	<10	<1	30	40	305	389
960420	2100	45	1240	172	20	3	20	26	308	95
960421	334	113	60	3.5	30	<1	200	253	64	95
960422	743	24	90	2.3	10	<1	40	157	40	359
960423	9	163	60	2.3	30	<1	<10	6	360	54
960424	17	195	10	<0.1	90	<1	<10	2	47	32
960425	43	163	<10	0.1	40	<1	<10	3	29	15
960426	9	181	<10	<0.1	100	<1	<10	3	55	23
960427	11	262	50	0.1	1150	1	<10	5	962	223
960428	9	268	50	<0.1	1850	1	<10	7	768	83
960429	15	126	40	0.1	1610	<1	170	5	1680	25
960430	7	192	50	0.1	2000	1	40	6	1320	237
960431	20	21	<10	0.1	930	<1	220	3	114	8
960432	23	20	<10	0.2	910	<1	210	3	107	8
960433	8	114	20	<0.1	1670	<1	120	13	1100	518
960434	9	164	40	<0.1	1100	3	40	5	1770	39
960435	7	74	70	0.1	1420	2	110	6	2380	123
960436	5	219	20	<0.1	580	<1	30	6	1540	142
960437	11	222	20	<0.1	1480	<1	20	25	1540	142
960438	3	73	<10	<0.1	1120	<1	170	35	365	304
960439	20	49	<10	0.3	990	<1	220	17	341	76
960440	25	69	<10	0.2	1110	<1	230	20	462	100
960441	25	107	<10	0.3	1100	<1	180	15	752	44
960442	10	197	10	0.1	1080	<1	<10	7	378	194
960443	3	111	<10	<0.1	820	<1	10	2	134	183

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Final : TO116367 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960444	14	58	10	0.2	1070	<1	170	6	778	35
960445	15	50	<10	0.1	860	<1	200	7	265	26
960446	11	79	<10	0.4	930	<1	170	5	1150	11
960447	12	124	10	0.1	610	<1	70	11	518	59
960448	10	75	10	<0.1	1170	<1	200	13	381	113
960449	26	12	<10	<0.1	920	<1	280	5	13	26
960450	26	24	<10	0.3	910	<1	220	12	115	193
960451	11	110	60	<0.1	1310	1	100	5	1440	55
960452	1	170	10	<0.1	690	<1	<10	1	580	113
960453	17	112	10	0.1	1310	<1	240	11	848	36
960454	8	150	<10	0.2	1190	<1	70	43	229	350
960455	14	111	50	0.1	2420	<1	170	4	3600	422
960456	15	40	<10	<0.1	60	<1	400	45	30	16
960457	99	18	70	0.4	20	<1	150	32	10	255
960458	24	100	300	0.5	<10	<1	10	13	443	222
960459	79	117	510	0.9	90	<1	150	300	108	203
960460	71	122	110	1.5	80	<1	40	20	446	246
960461	23	25	<10	0.4	950	<1	390	5	71	157
960462	16	13	<10	0.2	1040	<1	360	2	15	10
960463	16	19	<10	0.2	880	<1	240	2	70	6
960464	5	100	20	0.1	990	<1	130	1	1500	10
960465	7	137	40	0.1	1260	<1	140	3	1670	117
960466	16	167	40	<0.1	1590	<1	80	12	1300	133
960467	20	267	60	0.2	230	<1	40	18	191	217
960468	13	279	110	0.3	110	<1	<10	9	167	133
960469	68	290	80	0.2	70	<1	20	7	114	77
960470	2	>300	30	0.1	240	<1	<10	1	123	26
960471	6	69	10	0.3	1160	<1	190	2	571	85
960472	7	116	130	<0.1	230	<1	40	6	114	504
960473	17	12	<10	<0.1	1030	<1	300	2	41	<5
960474	10	118	30	0.1	1300	<1	180	7	1330	59
960475	24	101	40	0.1	940	<1	140	4	1500	41
960476	10	72	<10	<0.1	<10	<1	20	9	133	271
960477	15	41	120	0.3	<10	<1	60	34	36	199
960478	19	206	<10	<0.1	70	<1	<10	44	38	403
960479	41	146	40	0.7	400	3	10	11	117	35
960480	229	205	110	2.4	60	<1	80	41	123	311
*Rep 960411	36	101	270	<0.1	50	<1	140	15	827	71
*Rep 960415	131	98	10	0.2	570	<1	120	4	253	68
*Rep 960439	19	65	<10	0.2	1040	<1	230	25	463	137
*Rep 960444	14	58	20	0.2	1070	<1	170	6	732	35
*Rep 960461	19	69	<10	0.2	1110	<1	340	7	320	132
*Rep 960478	21	214	10	<0.1	80	<1	<10	51	42	427

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 960480	208	202	110	2.7	50	<1	80	42	123	331
*Std MMISRM16	17	39	20	22.0	50	<1	190	4	13	57
*Std MMISRM18	26	26	20	9.7	180	<1	180	87	18	80
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960401	<100	0.9	2150	1	0.5	0.6	8	<1	2	4
960402	<100	0.8	3150	20	9.4	9.8	106	3	35	<1
960403	<100	<0.5	6000	<1	<0.5	<0.5	10	<1	1	<1
960404	<100	1.2	6810	188	71.1	123	92	7	351	<1
960405	300	2.7	540	23	17.6	5.0	167	6	17	<1
960406	100	2.1	1230	30	14.0	10.2	226	8	41	1
960407	<100	3.2	920	16	7.4	5.4	162	7	19	3
960408	100	2.9	940	204	94.5	71.5	90	27	303	<1
960409	<100	0.6	1080	10	6.1	2.8	302	3	11	<1
960410	<100	0.7	1470	31	17.2	10.1	32	3	44	<1
960411	<100	<0.5	710	23	7.4	25.3	56	5	80	<1
960412	<100	0.5	2140	25	13.2	9.0	14	2	40	<1
960413	<100	<0.5	1000	73	36.3	24.9	16	6	115	<1
960414	<100	1.5	840	145	69.1	49.0	40	14	214	<1
960415	<100	3.7	1850	37	13.8	16.0	16	5	61	<1
960416	<100	4.7	1350	86	35.4	37.5	83	16	141	1
960417	100	0.9	3330	36	13.7	15.8	186	5	51	<1
960418	200	0.8	1280	22	12.4	3.6	243	5	19	1
960419	100	0.8	9250	195	107	65.4	149	6	227	<1
960420	100	<0.5	4650	26	11.0	18.7	435	3	35	1420
960421	<100	<0.5	6460	37	21.5	17.0	44	2	49	22
960422	<100	0.6	4740	18	9.4	9.4	90	<1	27	23
960423	100	2.2	490	67	37.0	25.7	210	8	84	1
960424	<100	1.7	990	33	29.4	4.0	118	11	17	<1
960425	<100	1.4	1010	7	9.4	1.0	282	6	4	<1
960426	<100	0.7	960	8	8.6	1.9	215	5	6	<1
960427	200	8.4	3320	99	57.6	31.7	226	24	111	<1
960428	200	7.2	2760	83	41.6	21.2	225	21	81	<1
960429	100	0.8	1560	187	101	56.4	124	20	243	2
960430	200	1.6	920	130	70.3	36.3	302	25	156	<1
960431	<100	<0.5	1050	58	31.4	15.4	9	2	79	4
960432	<100	<0.5	1320	45	23.2	13.2	9	2	69	2
960433	<100	<0.5	1450	103	60.4	28.3	163	12	124	<1
960434	200	6.9	3950	196	105	63.1	173	26	253	<1
960435	200	2.8	4180	103	51.7	39.5	276	24	153	<1
960436	<100	2.8	2480	151	83.5	40.0	124	18	171	<1
960437	200	4.6	1390	126	62.8	38.6	202	17	154	<1
960438	<100	<0.5	1140	35	20.6	9.9	172	5	43	<1
960439	<100	<0.5	2550	49	26.8	16.4	21	4	73	<1
960440	<100	<0.5	1850	59	32.6	18.7	54	6	80	<1
960441	<100	0.5	1730	104	56.3	28.2	69	8	126	<1
960442	<100	1.7	1080	52	32.3	9.1	221	10	42	<1
960443	<100	0.8	780	7	5.0	2.0	374	4	8	<1

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Final : TO1116367 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960444	<100	<0.5	1210	91	47.9	29.7	46	9	134	<1
960445	<100	<0.5	1430	73	38.4	22.4	15	4	108	1
960446	<100	<0.5	1550	119	61.1	39.2	37	12	174	<1
960447	<100	4.3	2570	91	56.8	20.1	141	7	89	<1
960448	<100	1.1	3480	32	17.6	10.5	37	5	44	<1
960449	<100	<0.5	1640	9	5.5	2.4	4	<1	13	4
960450	<100	<0.5	1830	25	15.0	7.5	12	2	37	2
960451	200	4.8	2980	147	72.7	52.7	130	21	206	2
960452	<100	2.2	4700	33	17.7	10.0	278	6	38	<1
960453	<100	0.8	2240	87	45.8	25.3	81	8	111	<1
960454	<100	0.6	1370	48	30.9	7.2	225	4	34	<1
960455	<100	0.6	1610	254	129	92.6	120	34	396	<1
960456	<100	<0.5	290	3	1.3	1.4	19	<1	5	<1
960457	<100	<0.5	4150	18	9.5	5.8	94	<1	22	1
960458	<100	0.6	5380	98	24.3	74.4	156	7	216	<1
960459	<100	1.0	3770	16	7.0	7.0	157	8	23	1
960460	<100	2.2	3730	66	32.0	27.1	208	9	92	4
960461	<100	<0.5	1480	19	10.8	6.1	16	1	29	1
960462	<100	<0.5	1480	14	7.0	3.9	5	<1	20	4
960463	<100	<0.5	1330	30	15.4	9.8	7	1	47	3
960464	100	1.7	1240	172	81.8	55.8	75	18	243	<1
960465	100	1.1	1640	167	83.5	53.3	134	24	230	<1
960466	100	2.6	1360	153	67.3	56.8	90	23	237	<1
960467	200	6.5	1280	19	9.4	5.3	158	10	20	<1
960468	300	4.0	2200	23	13.7	5.8	343	16	22	<1
960469	200	7.7	1230	16	8.6	4.7	169	10	18	<1
960470	500	11.5	1110	9	4.2	2.9	260	14	10	2
960471	<100	1.2	1270	84	42.7	30.0	48	10	132	<1
960472	100	13.7	420	26	15.1	4.5	180	14	26	<1
960473	<100	<0.5	1340	29	14.9	7.3	6	<1	40	6
960474	<100	0.9	1300	161	80.8	52.1	74	17	231	<1
960475	<100	1.8	1640	147	69.0	54.3	63	18	230	<1
960476	<100	4.0	39100	173	109	23.6	66	4	190	<1
960477	<100	0.8	22200	52	26.1	25.3	41	1	90	1
960478	<100	1.2	3250	10	20.1	1.0	210	4	4	<1
960479	100	3.1	1470	9	4.8	2.9	737	5	10	1
960480	100	1.5	2050	21	10.1	8.0	199	8	28	1
*Rep 960411	<100	0.6	710	57	17.3	64.9	89	12	194	<1
*Rep 960415	<100	3.8	2030	32	12.3	14.0	21	5	54	<1
*Rep 960439	<100	<0.5	2470	56	32.4	17.6	32	5	78	<1
*Rep 960444	<100	<0.5	1320	88	46.3	29.5	52	9	133	1
*Rep 960461	<100	<0.5	1290	39	21.4	12.9	30	3	59	<1
*Rep 960478	<100	1.5	3390	11	20.0	0.9	219	4	4	<1

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 960480	100	1.5	2110	23	10.4	8.4	196	7	30	1
*Std MMISRM16	<100	11.2	660	2	0.8	0.9	2	<1	3	13
*Std MMISRM18	<100	6.7	930	3	1.1	1.0	3	<1	5	6
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
960401	<0.5	2.7	<1	<5	15	3000	10	<0.5	2	804
960402	<0.5	3.6	38	<5	21	6490	<5	0.7	87	1900
960403	<0.5	1.5	<1	<5	49	3150	<5	<0.5	2	2690
960404	<0.5	3.3	144	<5	1	7800	<5	<0.5	807	1450
960405	<0.5	1.3	15	<5	1	2690	<5	6.9	36	123
960406	<0.5	3.3	104	<5	2	2160	26	2.4	175	354
960407	<0.5	4.3	51	<5	1	740	9	2.6	79	92
960408	<0.5	10.6	1040	<5	10	1680	6	11.2	1670	119
960409	<0.5	6.5	62	<5	7	6260	<5	1.6	67	344
960410	<0.5	5.7	192	<5	33	800	<5	0.6	255	442
960411	<0.5	3.1	301	<5	<1	6170	<5	<0.5	446	377
960412	<0.5	6.0	117	<5	86	6250	<5	<0.5	183	525
960413	<0.5	6.6	259	<5	76	320	<5	0.8	505	274
960414	<0.5	6.7	635	<5	38	960	<5	4.0	1070	236
960415	<0.5	6.1	160	<5	2	1020	<5	1.7	267	43
960416	<0.5	6.7	475	<5	2	6140	6	5.6	756	122
960417	<0.5	2.6	65	<5	<1	5910	<5	<0.5	173	246
960418	<0.5	1.8	21	<5	2	7970	<5	2.6	48	300
960419	<0.5	1.8	177	<5	<1	5830	<5	0.6	542	1400
960420	2.1	4.8	70	<5	3	3030	<5	<0.5	144	153
960421	<0.5	1.7	46	<5	3	2740	<5	<0.5	127	12300
960422	<0.5	2.8	21	<5	4	7900	<5	<0.5	67	9830
960423	0.7	3.7	98	<5	<1	80	<5	2.8	364	83
960424	<0.5	7.1	12	<5	3	330	<5	5.9	41	40
960425	<0.5	4.8	11	<5	<1	10	<5	4.5	18	89
960426	<0.5	5.9	22	<5	1	30	<5	4.4	32	113
960427	<0.5	13.0	248	<5	2	11700	10	13.1	589	222
960428	<0.5	17.5	286	<5	2	2660	7	13.5	424	209
960429	<0.5	14.3	838	<5	55	2330	7	7.1	1250	765
960430	<0.5	14.2	699	<5	18	12800	6	16.0	892	355
960431	<0.5	23.0	114	41	156	460	12	<0.5	233	474
960432	<0.5	27.0	118	27	147	490	17	<0.5	231	301
960433	<0.5	24.0	571	7	60	36300	<5	3.6	707	1300
960434	0.5	14.7	698	<5	12	430	11	10.8	1350	218
960435	<0.5	20.3	1120	<5	16	7990	20	9.8	1210	157
960436	<0.5	14.1	539	8	8	8390	<5	4.4	900	502
960437	<0.5	11.4	641	<5	5	4760	5	6.2	888	965
960438	<0.5	20.6	190	15	95	18500	<5	1.5	261	1090
960439	<0.5	9.7	286	14	152	5410	<5	<0.5	400	875
960440	<0.5	9.4	357	10	162	4800	<5	1.1	468	768
960441	<0.5	6.6	319	<5	99	2700	<5	1.2	543	1060
960442	<0.5	7.2	164	<5	6	3290	<5	7.0	190	404
960443	<0.5	11.5	61	<5	10	2190	<5	6.8	54	215

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
960444	<0.5	13.0	481	13	101	2710	5	2.0	715	597
960445	<0.5	14.6	238	7	134	1880	<5	<0.5	401	525
960446	<0.5	9.3	537	<5	83	1210	<5	1.8	887	693
960447	<0.5	13.2	210	<5	16	4230	<5	2.3	357	1050
960448	<0.5	28.5	189	<5	85	6880	7	2.0	246	710
960449	<0.5	32.5	17	30	140	1470	30	<0.5	36	162
960450	<0.5	35.0	107	44	129	12200	42	<0.5	167	662
960451	<0.5	8.3	697	<5	15	4320	11	10.0	1180	832
960452	<0.5	18.6	263	<5	2	730	<5	3.2	248	474
960453	<0.5	13.1	422	<5	52	2110	<5	2.0	563	1760
960454	<0.5	13.3	108	<5	32	8760	<5	2.6	141	1280
960455	<0.5	5.1	2110	<5	38	16100	6	7.3	2500	1710
960456	<0.5	2.1	16	<5	91	1390	<5	<0.5	26	1520
960457	<0.5	2.7	5	<5	27	7230	<5	<0.5	17	4210
960458	<0.5	1.8	121	<5	<1	6330	<5	<0.5	648	531
960459	1.0	3.3	41	<5	6	3850	6	2.9	72	1670
960460	<0.5	2.2	155	<5	<1	3930	11	5.5	372	197
960461	<0.5	10.8	84	19	92	6730	9	<0.5	128	392
960462	<0.5	14.4	28	11	99	420	12	<0.5	58	136
960463	<0.5	12.8	69	14	143	410	9	<0.5	147	244
960464	<0.5	8.4	673	<5	36	1090	<5	5.4	1220	309
960465	<0.5	8.7	800	<5	19	5030	<5	8.6	1240	413
960466	<0.5	4.3	980	<5	9	2260	<5	9.0	1390	187
960467	<0.5	4.4	67	<5	3	2330	5	5.3	83	245
960468	<0.5	4.4	62	<5	<1	2750	8	8.5	80	111
960469	<0.5	5.4	47	<5	2	1930	6	5.3	62	447
960470	<0.5	2.5	65	<5	<1	110	<5	11.4	51	114
960471	<0.5	7.1	396	<5	33	4650	<5	3.4	669	285
960472	<0.5	7.0	38	<5	4	12700	6	5.8	83	122
960473	<0.5	14.3	49	20	155	210	13	<0.5	108	266
960474	<0.5	8.0	711	<5	30	2380	<5	4.9	1140	397
960475	<0.5	6.9	730	<5	20	2590	<5	5.8	1220	317
960476	<0.5	1.1	92	<5	2	5260	<5	<0.5	335	995
960477	<0.5	1.3	30	<5	<1	7530	<5	<0.5	130	3490
960478	<0.5	5.8	19	<5	<1	370	<5	0.9	16	408
960479	<0.5	10.4	56	<5	1	900	10	7.1	51	110
960480	<0.5	6.0	56	<5	4	1350	11	4.1	88	985
*Rep 960411	<0.5	4.7	937	<5	<1	11100	<5	<0.5	1260	487
*Rep 960415	<0.5	6.6	150	<5	2	1320	<5	2.0	230	52
*Rep 960439	<0.5	10.9	345	13	144	9830	<5	0.5	458	1090
*Rep 960444	<0.5	13.4	477	14	103	2860	7	2.6	713	611
*Rep 960461	<0.5	11.0	263	9	71	6430	<5	0.7	331	480
*Rep 960478	<0.5	6.6	21	<5	<1	460	<5	1.1	18	466

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
*Rep 960480	<0.5	5.6	57	<5	4	1340	12	4.0	93	1040
*Std MMISRM16	<0.5	36.6	3	<5	26	70	51	<0.5	12	269
*Std MMISRM18	<0.5	30.7	5	<5	88	580	38	<0.5	14	576
*Blk BLANK	<0.5	<0.1	<1	<5	<1	10	<5	<0.5	1	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960401	0.5	20	1	<1	<1	8	<1	14	1	<1
960402	1.2	200	<1	16	<1	30	<1	130	32	<1
960403	0.3	40	<1	<1	<1	<5	<1	15	<1	<1
960404	2.3	30	<1	118	<1	13	<1	298	297	<1
960405	5.7	40	<1	6	<1	11	2	77	12	<1
960406	4.4	820	<1	37	<1	49	1	81	44	<1
960407	3.5	1240	<1	18	<1	79	3	74	19	<1
960408	4.7	230	<1	384	<1	127	<1	158	340	1
960409	2.3	30	<1	18	<1	94	<1	41	13	<1
960410	0.3	40	<1	59	<1	68	<1	30	47	<1
960411	1.1	30	<1	93	<1	13	<1	13	95	<1
960412	0.2	20	<1	39	<1	59	<1	12	38	<1
960413	0.6	40	<1	103	<1	52	<1	35	114	<1
960414	1.7	100	<1	235	<1	83	<1	96	229	<1
960415	0.6	110	<1	57	<1	139	<1	61	68	<1
960416	3.0	400	<1	173	<1	137	2	100	163	<1
960417	2.9	750	<1	34	<1	14	<1	159	52	<1
960418	12.4	180	<1	9	<1	8	2	49	16	<1
960419	4.2	50	1	93	<1	10	1	516	181	<1
960420	5.6	124276	<1	30	<1	20	43	123	44	19
960421	0.8	480	<1	23	<1	<5	1	61	43	<1
960422	2.0	2770	<1	11	<1	8	3	436	24	<1
960423	2.2	1340	<1	71	<1	27	5	190	87	<1
960424	1.5	100	<1	7	<1	101	<1	137	13	<1
960425	1.7	50	<1	4	<1	65	<1	86	5	<1
960426	1.5	40	<1	8	<1	79	<1	60	7	<1
960427	8.6	540	<1	128	<1	254	1	171	150	1
960428	13.5	500	<1	102	<1	267	2	169	96	1
960429	2.8	250	<1	279	<1	81	1	157	260	<1
960430	8.7	380	<1	215	<1	118	1	141	175	1
960431	0.4	30	<1	43	<1	17	<1	15	62	<1
960432	0.4	30	<1	45	<1	13	<1	13	57	<1
960433	2.6	120	<1	172	<1	74	<1	122	137	<1
960434	3.2	1780	<1	290	<1	219	2	157	294	<1
960435	2.9	450	<1	319	<1	103	4	90	200	<1
960436	3.6	370	<1	214	<1	173	<1	79	186	<1
960437	5.8	420	<1	215	<1	193	<1	102	181	<1
960438	0.8	80	<1	62	<1	57	<1	53	50	<1
960439	0.2	30	<1	89	<1	72	<1	25	77	<1
960440	0.6	90	<1	110	<1	49	<1	63	87	<1
960441	0.5	320	<1	120	<1	50	<1	108	124	<1
960442	6.7	300	<1	47	<1	102	<1	67	43	<1
960443	6.9	20	<1	15	<1	93	<1	31	9	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960444	1.1	70	<1	158	<1	37	<1	63	144	<1
960445	0.3	60	<1	83	<1	28	<1	31	94	<1
960446	0.8	90	<1	196	<1	54	<1	74	185	<1
960447	1.5	330	<1	78	<1	187	<1	86	85	<1
960448	1.0	70	<1	57	<1	107	<1	27	49	<1
960449	0.2	20	<1	6	<1	44	<1	7	9	<1
960450	0.4	40	<1	36	<1	42	<1	11	33	<1
960451	5.2	320	<1	267	<1	171	2	171	242	<1
960452	6.8	80	<1	67	<1	134	<1	42	45	<1
960453	1.2	140	<1	131	<1	93	<1	86	116	<1
960454	2.4	250	<1	34	<1	111	<1	61	32	<1
960455	2.6	220	<1	621	<1	88	1	228	460	<1
960456	0.1	50	<1	6	<1	10	<1	<5	6	<1
960457	0.8	20	<1	3	<1	11	<1	68	11	<1
960458	4.4	50	<1	101	<1	7	<1	344	241	<1
960459	1.7	2000	<1	15	<1	36	2	90	21	<1
960460	4.5	550	<1	74	<1	44	3	172	98	<1
960461	0.2	20	<1	27	<1	38	<1	14	26	<1
960462	0.2	<10	<1	10	<1	28	<1	9	15	<1
960463	0.3	10	<1	27	<1	36	<1	10	38	<1
960464	2.2	190	<1	267	<1	106	<1	142	264	<1
960465	3.2	290	<1	289	<1	100	<1	159	259	<1
960466	3.6	300	<1	323	<1	116	<1	123	269	<1
960467	5.7	250	<1	20	<1	110	<1	48	21	<1
960468	13.4	360	<1	18	<1	57	<1	82	22	1
960469	5.4	180	<1	14	<1	70	<1	54	17	<1
960470	15.0	130	<1	14	<1	54	<1	42	11	<1
960471	1.6	50	<1	144	<1	104	<1	53	145	<1
960472	4.5	60	<1	17	<1	97	<1	39	22	<1
960473	0.3	10	<1	20	<1	20	<1	9	30	<1
960474	1.8	210	<1	254	<1	80	<1	147	246	<1
960475	2.3	160	<1	272	<1	102	<1	125	260	<1
960476	3.0	<10	1	52	<1	8	<1	462	121	<1
960477	2.0	<10	<1	18	<1	6	<1	330	63	<1
960478	4.2	850	<1	4	<1	55	<1	35	3	<1
960479	9.8	580	<1	13	2	75	1	38	12	<1
960480	5.5	1720	<1	18	<1	56	4	118	28	<1
*Rep 960411	1.9	40	<1	279	<1	24	<1	36	253	<1
*Rep 960415	0.6	160	<1	51	<1	141	<1	55	57	<1
*Rep 960439	0.3	40	<1	105	<1	66	<1	43	85	<1
*Rep 960444	1.4	70	<1	160	<1	37	<1	60	140	<1
*Rep 960461	0.5	50	<1	76	<1	42	<1	37	64	<1
*Rep 960478	4.6	860	<1	4	<1	60	<1	37	4	<1

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Final : TO116367 Order: Escape Gold

Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 960480	5.6	1840	<1	19	<1	52	4	122	28	<1
*Std MMISRM16	0.3	60	25	2	<1	304	<1	7	4	<1
*Std MMISRM18	0.7	250	18	3	7	170	<1	<5	4	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Final : TO116367 Order: Escape Gold

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960401	10	<1	<1	<10	<0.5	<3	<0.5	4	<1	7
960402	30	<1	4	<10	7.0	216	<0.5	24	<1	85
960403	70	<1	<1	<10	<0.5	<3	<0.5	6	<1	<5
960404	<10	<1	43	<10	6.3	193	<0.5	2	<1	734
960405	<10	<1	3	<10	3.1	13500	0.9	3	<1	130
960406	20	<1	6	<10	64.5	1360	<0.5	57	<1	130
960407	10	<1	3	<10	35.9	1720	0.8	25	<1	71
960408	220	1	43	<10	120	3290	<0.5	50	2	1030
960409	100	<1	2	<10	35.4	295	<0.5	15	<1	50
960410	620	<1	6	<10	52.8	87	<0.5	30	<1	188
960411	90	<1	8	<10	44.5	124	<0.5	20	<1	85
960412	960	<1	5	<10	44.9	13	<0.5	44	<1	146
960413	710	<1	15	<10	58.0	165	<0.5	41	<1	383
960414	440	<1	30	<10	66.2	1010	<0.5	45	1	714
960415	250	<1	8	<10	35.0	496	0.9	74	<1	139
960416	60	<1	20	<10	78.4	1950	0.9	38	1	390
960417	<10	<1	7	<10	9.7	167	<0.5	7	<1	127
960418	<10	<1	4	<10	9.4	4810	<0.5	3	<1	88
960419	<10	<1	34	<10	9.7	1290	<0.5	3	1	969
960420	<10	<1	5	<10	11.9	52	2.0	8	<1	72
960421	50	<1	7	<10	5.0	41	<0.5	4	<1	220
960422	<10	<1	4	<10	2.3	7	<0.5	8	<1	96
960423	<10	<1	13	<10	115	1290	<0.5	256	<1	229
960424	<10	<1	4	<10	79.6	1990	0.9	108	<1	176
960425	<10	<1	<1	<10	60.4	1070	<0.5	182	<1	32
960426	<10	<1	1	<10	54.8	763	0.6	158	<1	32
960427	30	<1	18	<10	188	3370	1.7	191	2	369
960428	30	<1	15	<10	151	2600	1.9	231	1	324
960429	370	<1	37	<10	169	1430	0.7	103	2	1040
960430	170	1	24	<10	180	3720	0.6	53	2	716
960431	1050	<1	11	<10	31.9	54	<0.5	63	<1	300
960432	660	<1	9	<10	37.0	15	<0.5	62	<1	241
960433	350	<1	19	<10	152	677	<0.5	70	<1	605
960434	60	<1	39	<10	335	2080	2.2	166	3	1010
960435	150	<1	23	<10	242	1820	0.7	129	2	503
960436	50	<1	27	<10	128	940	1.7	71	1	789
960437	80	<1	24	<10	167	971	1.4	98	1	649
960438	510	<1	7	<10	64.6	226	<0.5	42	<1	213
960439	580	<1	10	<10	87.1	33	<0.5	61	<1	303
960440	620	<1	12	<10	81.7	184	<0.5	90	<1	352
960441	420	<1	19	<10	94.8	317	<0.5	102	<1	571
960442	80	<1	8	<10	113	1220	<0.5	33	<1	285
960443	90	<1	1	<10	62.6	930	<0.5	16	<1	37

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960444	550	<1	19	<10	84.2	398	<0.5	67	<1	508
960445	680	<1	14	<10	72.7	44	<0.5	46	<1	401
960446	440	<1	25	<10	112	444	<0.5	65	<1	635
960447	120	<1	15	<10	88.6	454	0.8	106	<1	509
960448	320	<1	6	<10	78.9	382	<0.5	51	<1	182
960449	510	<1	2	<10	7.6	23	<0.5	90	<1	50
960450	450	<1	5	<10	43.8	53	0.6	63	1	138
960451	170	<1	30	<10	203	2370	0.7	138	2	659
960452	40	<1	6	<10	80.5	429	0.9	63	<1	150
960453	480	<1	17	<10	124	305	<0.5	75	<1	478
960454	250	<1	7	<10	88.4	418	<0.5	41	<1	277
960455	340	<1	55	<10	203	1630	0.8	87	2	1390
960456	240	<1	<1	<10	3.1	4	<0.5	27	<1	12
960457	40	<1	3	<10	1.9	14	<0.5	17	<1	101
960458	<10	<1	27	<10	12.7	76	<0.5	2	<1	191
960459	60	<1	3	<10	22.0	1010	<0.5	14	<1	64
960460	10	<1	14	<10	50.1	4800	0.5	82	1	296
960461	980	<1	4	<10	29.0	39	<0.5	41	<1	117
960462	1060	<1	3	<10	7.4	16	<0.5	44	<1	72
960463	910	<1	6	<10	25.6	14	<0.5	57	<1	165
960464	290	<1	35	<10	161	1480	<0.5	69	1	832
960465	260	<1	34	<10	170	2440	<0.5	58	2	857
960466	260	<1	34	<10	118	2590	<0.5	35	1	763
960467	40	<1	3	<10	48.4	2760	0.6	10	<1	82
960468	<10	<1	4	<10	56.1	6470	<0.5	19	1	104
960469	30	<1	3	<10	26.8	4130	0.7	7	<1	73
960470	20	<1	2	<10	53.0	2060	<0.5	15	<1	34
960471	670	<1	18	<10	71.1	860	<0.5	36	<1	445
960472	20	<1	4	<10	11.3	8340	<0.5	4	2	125
960473	1240	<1	5	<10	10.4	24	<0.5	62	<1	148
960474	410	<1	33	<10	119	1380	<0.5	61	1	837
960475	230	<1	32	<10	121	1670	<0.5	49	1	700
960476	<10	<1	29	<10	6.0	717	<0.5	2	2	1170
960477	10	<1	11	<10	3.0	31	<0.5	1	<1	281
960478	<10	<1	1	<10	9.3	477	<0.5	9	<1	71
960479	50	<1	2	<10	81.6	2570	<0.5	52	<1	40
960480	40	<1	4	<10	23.2	2340	<0.5	30	<1	88
*Rep 960411	80	<1	20	<10	102	113	<0.5	40	<1	193
*Rep 960415	230	<1	7	<10	34.3	592	0.9	65	<1	120
*Rep 960439	540	<1	11	<10	84.4	72	<0.5	72	<1	342
*Rep 960444	550	<1	18	<10	93.1	491	<0.5	68	<1	487
*Rep 960461	740	<1	8	<10	69.5	44	<0.5	32	<1	246
*Rep 960478	<10	<1	1	<10	10.0	535	<0.5	10	<1	74

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 960480	40	<1	4	<10	23.0	2320	<0.5	32	<1	95
*Std MMISRM16	440	<1	<1	<10	16.9	4	<0.5	46	<1	8
*Std MMISRM18	1130	<1	<1	<10	16.3	9	<0.5	29	<1	17
*Blk BLANK	<10	<1	<1	<10	0.6	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5

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Final : TO116367 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
960401	<1	50	<5
960402	8	1560	26
960403	<1	740	<5
960404	71	140	11
960405	21	100	36
960406	12	190	183
960407	6	110	326
960408	71	240	178
960409	5	<20	53
960410	14	80	41
960411	7	80	53
960412	10	260	17
960413	28	220	29
960414	54	290	73
960415	10	230	53
960416	26	180	120
960417	11	100	86
960418	12	640	31
960419	97	880	17
960420	10	4230	140
960421	25	17900	18
960422	10	19800	53
960423	41	250	508
960424	31	110	96
960425	12	140	111
960426	10	100	68
960427	54	1170	375
960428	34	1170	324
960429	81	1000	241
960430	56	280	307
960431	23	240	15
960432	18	220	19
960433	50	360	219
960434	92	1410	521
960435	46	390	444
960436	69	1720	233
960437	52	3530	258
960438	18	2160	87
960439	22	1060	41
960440	27	2510	94
960441	44	1190	109
960442	24	220	152
960443	5	90	102

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Final : TO116367 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
960444	38	530	66
960445	28	480	34
960446	46	340	84
960447	47	2800	147
960448	15	560	84
960449	5	90	13
960450	12	220	38
960451	64	1400	333
960452	16	180	145
960453	39	1130	207
960454	24	2710	101
960455	109	600	249
960456	1	10400	<5
960457	9	1080	47
960458	22	440	18
960459	7	15800	39
960460	28	710	170
960461	8	130	20
960462	5	180	8
960463	11	160	13
960464	64	140	136
960465	67	90	203
960466	49	140	156
960467	8	150	60
960468	12	140	93
960469	7	1270	48
960470	3	90	67
960471	34	120	52
960472	15	240	32
960473	12	210	9
960474	64	100	135
960475	53	60	146
960476	117	50	97
960477	34	20	7
960478	27	210	20
960479	6	110	5620
960480	8	480	484
*Rep 960411	16	190	143
*Rep 960415	9	230	52
*Rep 960439	26	1480	63
*Rep 960444	37	540	69
*Rep 960461	17	240	45
*Rep 960478	27	250	22

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Final : TO116367 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
*Rep 960480	9	480	467
*Std MMISRM16	<1	280	16
*Std MMISRM18	<1	830	25
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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Certificate of Analysis

Work Order: TO116369

To: COD SGS Minerals
C/O P.O. Box 439
Whiffen Head Road
ARNOLD COVE
NF A0B 1A0

Date: Sep 19, 2011

P.O. No.	:	Escape Gold
Project No.	:	-
No. Of Samples	:	80
Date Submitted	:	Aug 31, 2011
Report Comprises	:	Pages 1 to 19 (Inclusive of Cover Sheet)

Distribution of unused material:
Return to client:

Certified By : _____
Lawrence Ng
Regional Business Manager (GEOCHEM)

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer: L.N.R. = Listed not received; I.S. = Insufficient Sample
n.a. = Not applicable; -- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Final : TO116369 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960481	57	142	100	0.7	80	<1	70	92	149	1110
960482	30	77	<10	<0.1	<10	<1	240	66	16	237
960483	230	44	80	13.8	70	4	180	27	78	34
960484	6	32	<10	<0.1	70	<1	480	214	<5	54
960485	13	27	10	<0.1	20	<1	390	52	7	64
960486	18	80	<10	<0.1	90	<1	260	314	223	91
960487	17	99	40	0.1	970	<1	120	9	1830	228
960488	15	97	30	0.2	780	<1	160	22	2020	106
960489	13	48	20	0.2	880	<1	160	19	814	51
960490	14	153	30	0.1	1840	<1	60	28	1600	198
960491	15	119	40	<0.1	1960	1	80	10	2550	134
960492	7	12	<10	<0.1	2680	<1	160	4	167	16
960493	13	81	10	0.3	640	<1	150	28	1340	11
960494	22	29	<10	0.2	720	<1	240	5	119	19
960495	14	127	40	0.3	1150	<1	130	12	2020	111
960496	48	191	140	0.3	310	<1	90	30	521	81
960497	30	67	<10	0.3	770	<1	350	12	306	26
960498	34	46	<10	0.5	650	<1	350	6	267	30
960499	20	112	20	0.3	310	<1	240	18	375	92
960500	5	77	30	0.2	980	<1	270	4	789	134
960251	14	74	<10	0.4	820	<1	300	4	340	34
960252	33	217	50	0.2	1740	<1	30	3	2470	79
960253	3	258	20	<0.1	30	<1	20	11	165	319
960254	39	209	20	0.2	120	<1	20	79	108	134
960255	58	202	80	0.1	190	<1	20	8	291	135
960256	64	179	200	0.5	60	<1	20	23	451	495
960257	59	161	40	0.6	280	3	10	12	105	64
960258	137	196	30	0.2	40	<1	<10	11	147	105
960259	125	174	100	0.6	40	<1	70	39	149	270
960260	3	122	120	<0.1	300	<1	90	39	73	500
960261	80	45	<10	0.2	<10	<1	50	41	99	109
960262	26	142	40	0.4	1030	<1	120	9	1150	495
960263	125	222	80	1.4	150	<1	60	25	232	72
960264	39	245	40	<0.1	500	<1	20	29	667	291
960265	14	101	<10	0.3	1500	<1	250	6	1180	21
960266	22	25	<10	<0.1	950	<1	370	3	52	34
960267	16	16	<10	0.1	830	<1	390	3	25	40
960268	10	53	<10	0.2	1300	<1	240	3	293	27
960269	4	183	30	0.2	1630	<1	130	13	616	284
960270	4	195	<10	<0.1	70	<1	<10	1	1020	31
960271	20	63	<10	0.6	610	<1	320	7	113	182
960272	26	95	100	0.7	410	<1	150	58	446	891
960273	18	6	20	0.5	<10	<1	190	30	<5	158

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Final : TO116369 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960274	27	188	30	0.1	670	<1	70	11	520	121
960275	16	188	70	0.4	140	<1	<10	9	365	289
960276	31	170	60	0.2	580	<1	100	22	389	88
960277	294	147	50	0.4	240	<1	40	10	432	133
960278	81	212	80	0.2	280	<1	<10	8	206	92
960279	21	190	60	0.3	590	<1	20	9	809	121
960280	96	61	40	0.7	<10	<1	50	22	274	262
960281	852	219	120	2.4	40	1	<10	15	25	184
960282	380	183	60	0.9	100	<1	<10	8	99	46
960283	60	138	90	0.4	20	<1	10	5	82	422
960284	10	200	20	0.2	750	<1	<10	5	1450	55
960285	16	88	30	0.2	1110	<1	130	7	1610	78
960286	13	118	30	0.2	1470	<1	110	6	2870	61
960287	24	22	<10	0.3	940	<1	210	11	225	99
960288	12	29	<10	0.4	800	<1	200	9	266	<5
960289	8	123	30	0.2	1030	<1	130	16	1590	19
960290	16	76	<10	0.3	980	<1	240	42	721	17
960291	50	167	110	0.4	730	1	30	15	784	277
960292	224	171	580	26.3	150	2	30	27	129	801
960293	98	218	150	1.8	120	<1	<10	53	774	536
960294	69	190	70	0.2	590	2	70	24	379	395
960295	3	222	10	<0.1	350	<1	<10	2	223	60
960296	13	140	30	<0.1	620	<1	10	12	365	68
960297	12	263	10	<0.1	280	<1	<10	6	454	155
960298	6	260	10	<0.1	320	<1	<10	4	274	66
960299	39	157	<10	<0.1	440	<1	80	97	413	45
960300	8	193	40	<0.1	1370	1	30	47	2540	484
960301	36	205	30	0.2	770	<1	20	100	740	988
960302	5	203	20	<0.1	520	<1	<10	4	955	44
960303	30	17	<10	0.2	70	<1	130	41	66	352
960304	7	87	30	0.3	310	<1	80	14	351	231
960305	47	232	70	0.4	250	<1	20	27	1670	213
960306	27	292	60	0.2	370	<1	<10	50	260	267
960307	355	129	100	2.4	<10	<1	60	202	13	16
960308	14	66	<10	0.3	1010	<1	260	3	1880	20
960309	19	188	100	<0.1	380	<1	<10	8	169	99
960310	123	271	50	0.8	70	<1	10	9	124	119
*Rep 960492	6	12	<10	<0.1	2840	<1	160	3	178	13
*Rep 960253	4	248	20	<0.1	30	<1	20	13	140	333
*Rep 960263	165	208	80	1.2	130	<1	70	31	230	55
*Rep 960277	211	172	30	0.2	210	<1	50	12	432	118
*Rep 960284	8	194	20	0.2	740	1	<10	6	1600	42
*Rep 960307	298	145	130	1.8	10	<1	40	208	14	27

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 960310	134	281	50	0.8	80	<1	10	10	114	103
*Std MMISRM16	16	41	20	23.9	50	<1	170	4	14	60
*Std MMISRM16	19	43	20	28.3	60	<1	180	4	15	66
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960481	<100	2.0	5380	48	21.3	16.9	327	3	68	2
960482	<100	0.6	850	10	6.4	3.3	51	<1	12	<1
960483	<100	2.2	1650	11	5.9	3.7	63	2	14	1
960484	<100	<0.5	820	3	2.1	0.7	16	<1	3	<1
960485	<100	2.4	1540	2	1.0	1.2	19	<1	4	<1
960486	<100	3.0	2970	36	23.4	9.5	31	2	42	<1
960487	200	2.8	5860	126	70.6	47.1	137	17	184	<1
960488	100	4.0	5700	132	70.1	51.5	108	16	203	<1
960489	<100	2.3	2710	63	32.1	24.7	54	8	106	<1
960490	200	3.5	2160	144	76.8	42.4	215	18	187	<1
960491	200	3.4	2560	153	77.6	53.2	189	26	215	<1
960492	<100	<0.5	1040	28	13.5	11.6	16	3	49	2
960493	<100	6.3	3080	206	120	69.5	29	14	332	4
960494	<100	<0.5	2250	39	18.5	14.5	11	2	67	2
960495	100	1.5	1800	155	72.2	60.5	108	23	245	1
960496	100	9.3	4420	48	22.4	19.3	158	17	76	<1
960497	100	<0.5	2540	53	30.9	15.9	28	4	68	<1
960498	<100	0.5	6290	32	13.6	16.1	13	3	68	1
960499	<100	2.1	4670	23	9.7	10.7	60	6	41	<1
960500	100	0.6	2760	74	39.3	24.5	91	10	108	<1
960251	<100	0.7	3200	44	23.1	15.2	24	4	66	<1
960252	<100	3.1	1950	405	227	116	119	35	508	2
960253	500	2.2	1110	38	20.8	7.9	420	11	31	1
960254	<100	1.6	3910	21	12.8	4.2	219	7	19	<1
960255	<100	5.2	1750	34	15.5	12.1	213	15	47	<1
960256	<100	2.6	1910	44	19.1	19.7	366	8	66	1
960257	200	0.9	2920	12	7.1	3.2	432	8	12	2
960258	300	3.2	6010	25	12.3	7.5	236	8	29	1
960259	100	0.5	2720	31	16.4	10.8	207	6	38	<1
960260	300	1.6	400	9	5.1	2.9	354	14	12	<1
960261	<100	1.6	6250	162	72.4	73.5	60	3	287	<1
960262	<100	2.7	1850	125	61.1	44.9	83	16	189	1
960263	<100	2.5	3310	26	11.9	8.7	117	6	34	<1
960264	200	5.2	1140	36	16.1	14.7	162	13	53	<1
960265	<100	<0.5	2200	161	87.4	47.7	25	10	216	<1
960266	<100	<0.5	1900	20	11.2	5.3	9	<1	27	2
960267	<100	<0.5	1720	8	3.9	2.7	7	<1	14	<1
960268	<100	<0.5	1420	57	30.1	19.1	16	4	89	<1
960269	<100	5.0	1670	69	34.6	21.4	104	13	88	<1
960270	<100	0.8	850	32	11.4	14.8	128	9	49	<1
960271	<100	1.1	3650	42	21.5	17.5	18	3	75	1
960272	<100	1.3	4190	54	26.8	23.0	184	7	87	<1
960273	<100	0.9	6590	2	1.3	0.8	23	<1	3	<1

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Final : TO116369 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960274	100	4.1	840	46	21.1	17.6	90	12	71	<1
960275	100	5.5	1080	65	34.0	16.7	99	8	68	<1
960276	<100	3.9	580	32	14.9	10.8	149	12	42	<1
960277	<100	4.9	1760	53	23.9	20.1	69	11	77	<1
960278	100	5.7	700	19	7.7	7.2	151	11	24	<1
960279	200	7.6	1050	61	28.3	24.1	149	18	98	1
960280	<100	1.4	26200	117	40.0	64.5	40	5	220	<1
960281	200	<0.5	1060	7	3.9	2.1	147	9	7	6
960282	<100	13.5	570	14	7.0	4.1	153	9	14	3
960283	100	5.1	2570	41	26.8	8.7	157	4	34	<1
960284	200	6.3	3720	165	95.6	49.7	204	15	195	<1
960285	100	3.2	4450	160	82.4	55.9	88	18	239	2
960286	200	2.3	3470	239	124	82.3	105	27	337	1
960287	<100	0.5	2550	19	9.5	7.4	29	3	31	<1
960288	<100	<0.5	1410	37	17.8	14.0	9	3	64	2
960289	<100	1.1	1880	183	94.3	56.3	96	20	249	1
960290	<100	<0.5	1800	138	89.4	34.1	13	7	175	6
960291	100	7.0	4840	75	37.5	27.4	222	18	104	4
960292	<100	1.4	1610	15	8.2	5.3	301	5	17	12
960293	200	2.2	5230	74	31.9	41.0	215	10	121	7
960294	200	4.0	1310	30	15.8	8.9	315	11	36	<1
960295	100	7.3	150	15	5.5	5.3	61	11	19	<1
960296	200	5.1	450	37	16.2	12.7	143	17	51	<1
960297	200	4.9	250	30	13.7	11.7	98	14	42	<1
960298	200	4.7	180	14	7.0	5.6	98	19	21	<1
960299	<100	3.2	1060	65	32.9	15.6	41	7	71	<1
960300	100	2.9	1490	110	52.1	50.6	305	27	189	<1
960301	100	1.6	2160	56	31.6	16.8	208	9	68	<1
960302	200	2.3	2150	105	61.6	26.7	238	10	105	<1
960303	<100	<0.5	2920	7	2.6	4.9	13	1	21	<1
960304	<100	2.8	2290	51	25.2	14.7	171	10	66	<1
960305	100	7.6	5870	63	23.3	31.3	124	16	109	1
960306	200	11.8	1110	21	9.9	6.6	219	7	24	<1
960307	<100	3.7	14800	63	45.2	10.9	39	1	43	4
960308	<100	<0.5	2710	210	104	75.2	10	15	377	7
960309	200	6.7	630	20	8.5	6.9	214	17	25	<1
960310	300	1.5	1870	21	12.4	5.6	139	7	20	1
*Rep 960492	<100	<0.5	1030	29	13.8	11.5	16	3	51	1
*Rep 960253	400	2.3	1060	38	21.8	6.9	383	10	26	<1
*Rep 960263	<100	2.4	3770	26	12.2	9.1	99	6	35	<1
*Rep 960277	<100	4.2	2000	49	22.6	17.6	68	11	70	<1
*Rep 960284	200	6.7	3480	195	108	60.7	192	18	236	<1
*Rep 960307	<100	2.7	14000	50	37.0	8.6	52	2	34	3

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 960310	300	1.5	1720	20	12.3	5.3	145	7	18	1
*Std MMISRM16	<100	11.6	680	2	0.9	1.0	2	<1	4	15
*Std MMISRM16	<100	12.2	740	2	1.2	1.0	1	<1	4	15
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Final : TO116369 Order: Escape Gold

Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
960481	0.5	7.7	97	<5	6	21800	<5	<0.5	156	2790
960482	<0.5	5.3	6	<5	7	5150	<5	<0.5	20	2940
960483	<0.5	10.9	78	<5	6	600	20	<0.5	76	573
960484	<0.5	2.4	2	<5	36	2150	<5	<0.5	5	7130
960485	<0.5	7.3	2	<5	59	6640	<5	<0.5	7	16100
960486	<0.5	2.8	136	<5	21	4690	<5	<0.5	162	3120
960487	<0.5	13.2	689	8	28	36100	9	3.8	1200	733
960488	<0.5	11.5	855	<5	26	1970	16	2.2	1230	380
960489	<0.5	20.0	432	<5	48	5430	11	3.6	621	625
960490	<0.5	6.4	732	<5	10	9410	<5	7.9	942	1020
960491	<0.5	7.3	1240	<5	10	7270	8	8.1	1420	775
960492	<0.5	14.8	134	7	64	380	5	1.0	244	139
960493	<0.5	19.8	953	<5	31	2060	<5	1.6	1510	397
960494	<0.5	14.6	171	20	96	1830	7	<0.5	295	596
960495	<0.5	5.8	1110	<5	15	3360	6	6.2	1450	697
960496	<0.5	9.7	306	<5	2	2120	12	5.2	391	388
960497	<0.5	11.0	251	7	66	1490	<5	<0.5	350	791
960498	<0.5	6.4	204	<5	48	640	<5	<0.5	327	1280
960499	<0.5	7.0	227	<5	18	2180	<5	1.9	255	1340
960500	<0.5	6.2	495	<5	35	3890	<5	3.6	616	768
960251	<0.5	4.7	196	<5	37	1080	<5	<0.5	310	1020
960252	<0.5	7.7	1520	<5	5	4180	<5	9.4	2760	204
960253	<0.5	4.4	60	<5	3	3650	<5	13.3	104	500
960254	<0.5	4.2	49	<5	1	480	<5	1.9	66	578
960255	<0.5	5.6	127	<5	<1	2350	5	7.3	186	150
960256	<0.5	2.1	145	<5	<1	7930	<5	1.8	270	622
960257	<0.5	10.7	50	<5	3	200	24	9.4	51	325
960258	<0.5	4.2	61	<5	2	1730	<5	0.9	102	504
960259	<0.5	3.6	54	<5	1	2590	<5	1.3	122	623
960260	<0.5	13.3	30	<5	12	12700	13	7.5	50	453
960261	<0.5	1.9	88	<5	1	5310	<5	<0.5	389	5350
960262	<0.5	6.2	787	<5	10	12500	5	5.0	1020	335
960263	<0.5	3.3	132	<5	1	1690	7	2.9	144	285
960264	<0.5	5.2	213	<5	1	3570	9	4.8	296	335
960265	<0.5	7.3	591	<5	56	860	<5	0.9	963	874
960266	<0.5	12.2	47	14	87	1410	8	<0.5	86	389
960267	<0.5	11.7	12	11	66	1410	13	<0.5	36	249
960268	<0.5	14.6	242	9	109	1700	5	<0.5	393	355
960269	<0.5	9.5	538	<5	9	12000	5	5.3	532	268
960270	<0.5	3.2	523	<5	<1	20	<5	1.3	407	238
960271	<0.5	8.0	194	<5	15	3300	<5	<0.5	299	902
960272	<0.5	10.1	227	<5	10	14800	10	2.4	352	1780
960273	<0.5	3.8	2	<5	17	5380	<5	<0.5	4	957

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
960274	<0.5	4.8	222	<5	2	4270	5	6.3	307	84
960275	<0.5	3.9	122	<5	1	6550	7	4.2	185	170
960276	<0.5	7.6	160	<5	5	2110	<5	8.4	189	120
960277	<0.5	4.5	179	<5	<1	2420	10	3.9	351	83
960278	<0.5	4.3	77	<5	<1	3250	18	5.4	105	81
960279	<0.5	5.9	299	<5	1	2720	13	8.1	523	140
960280	<0.5	1.0	144	<5	<1	7450	<5	<0.5	544	1820
960281	1.1	6.2	10	<5	<1	250	9	0.7	16	174
960282	1.8	4.5	40	<5	<1	830	<5	7.4	54	114
960283	<0.5	1.7	43	<5	1	7320	<5	2.2	83	495
960284	<0.5	10.5	547	<5	2	1290	<5	5.3	960	309
960285	<0.5	10.6	793	<5	23	5440	11	6.5	1220	580
960286	<0.5	5.3	1350	<5	13	3230	7	6.8	2000	1080
960287	<0.5	18.5	140	<5	96	4840	9	0.9	198	259
960288	<0.5	14.9	122	<5	111	180	8	<0.5	260	474
960289	<0.5	10.1	776	<5	24	2100	<5	6.2	1250	808
960290	<0.5	9.8	512	<5	63	1000	<5	<0.5	695	1290
960291	0.5	6.8	301	<5	3	8710	10	12.6	496	353
960292	0.7	7.1	38	<5	1	9700	6	2.8	57	906
960293	<0.5	5.1	428	<5	1	9100	8	2.4	585	660
960294	<0.5	7.6	132	<5	6	1730	6	4.7	157	676
960295	<0.5	4.8	96	<5	<1	2810	<5	3.6	108	30
960296	<0.5	7.3	147	<5	2	6610	7	8.5	255	123
960297	<0.5	7.7	181	<5	<1	5150	6	5.0	256	72
960298	<0.5	5.3	114	<5	<1	2170	6	5.2	137	131
960299	<0.5	26.7	151	<5	12	5080	<5	1.1	273	600
960300	<0.5	17.7	1340	<5	9	12600	7	7.6	1390	2400
960301	<0.5	14.1	329	<5	8	25600	5	3.6	377	1170
960302	<0.5	13.2	358	<5	1	1120	<5	4.8	558	182
960303	<0.5	8.4	55	8	25	3930	<5	<0.5	109	1630
960304	<0.5	13.2	108	<5	5	4400	7	4.8	243	383
960305	0.5	5.3	544	<5	1	1990	11	3.8	725	234
960306	<0.5	9.9	113	<5	2	4320	11	3.9	112	142
960307	<0.5	7.6	12	<5	4	4850	12	<0.5	44	2030
960308	<0.5	7.6	1650	<5	45	520	7	<0.5	1570	782
960309	<0.5	7.8	71	<5	1	3820	18	6.8	110	78
960310	<0.5	2.5	49	<5	<1	2860	6	3.3	68	206
*Rep 960492	<0.5	14.5	149	7	65	360	5	1.2	257	131
*Rep 960253	<0.5	5.0	52	<5	3	3210	<5	10.2	89	515
*Rep 960263	<0.5	3.2	133	<5	1	1140	7	2.6	146	472
*Rep 960277	<0.5	4.3	188	<5	<1	2060	6	3.5	331	115
*Rep 960284	<0.5	11.9	555	<5	2	1700	6	6.5	1180	200
*Rep 960307	<0.5	7.1	12	<5	2	5690	13	<0.5	36	1960

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
*Rep 960310	<0.5	2.6	48	<5	<1	2460	7	3.6	65	192
*Std MMISRM16	<0.5	35.4	3	<5	26	90	49	<0.5	13	287
*Std MMISRM16	<0.5	38.0	3	<5	27	90	55	<0.5	13	316
*Blk BLANK	<0.5	<0.1	<1	<5	<1	10	<5	<0.5	<1	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Final : TO116369 Order: Escape Gold

Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960481	6.1	50	<1	31	<1	31	<1	811	51	<1
960482	0.7	20	<1	3	<1	25	<1	47	9	<1
960483	4.7	2150	<1	19	<1	76	16	15	15	<1
960484	0.2	20	<1	<1	<1	10	<1	<5	2	<1
960485	0.5	<10	<1	1	<1	42	<1	11	3	<1
960486	0.3	500	<1	39	<1	69	<1	48	37	<1
960487	3.2	150	<1	281	<1	144	2	109	222	<1
960488	1.3	300	<1	287	<1	141	2	99	234	<1
960489	1.7	70	<1	138	<1	97	<1	27	115	<1
960490	7.7	280	<1	226	<1	128	1	144	191	<1
960491	8.1	190	<1	359	<1	146	2	152	255	<1
960492	0.5	30	<1	47	<1	13	<1	10	51	<1
960493	0.9	70	<1	314	<1	212	<1	91	325	<1
960494	0.4	20	<1	59	<1	38	<1	13	65	<1
960495	3.8	240	<1	349	<1	109	1	137	279	<1
960496	4.5	210	<1	91	<1	287	<1	76	84	<1
960497	0.3	50	<1	79	<1	50	<1	30	67	<1
960498	0.3	10	<1	67	<1	31	<1	13	70	<1
960499	1.1	100	<1	62	<1	103	<1	17	47	<1
960500	1.3	70	<1	147	<1	60	<1	68	114	<1
960251	0.3	40	<1	67	<1	63	<1	25	67	<1
960252	3.2	330	<1	589	<1	151	1	268	537	1
960253	18.7	20	<1	22	<1	26	<1	166	26	<1
960254	3.0	890	<1	15	<1	83	<1	37	16	<1
960255	4.8	530	<1	38	<1	142	2	60	47	<1
960256	4.8	140	<1	56	<1	30	2	99	71	<1
960257	9.9	1360	<1	12	<1	44	4	46	12	<1
960258	6.0	720	<1	21	<1	23	1	148	28	<1
960259	4.3	440	<1	24	<1	25	1	134	35	<1
960260	9.1	270	<1	11	<1	223	2	36	12	1
960261	1.9	<10	<1	51	<1	25	<1	1730	189	<1
960262	2.7	190	<1	243	<1	99	<1	150	206	<1
960263	2.6	690	<1	33	<1	74	5	49	34	<1
960264	6.4	220	<1	69	<1	107	<1	63	66	<1
960265	0.5	110	<1	205	<1	40	<1	101	213	<1
960266	0.1	20	<1	17	<1	25	<1	11	21	<1
960267	0.1	10	<1	6	<1	12	<1	6	11	<1
960268	0.3	30	<1	82	<1	27	<1	26	82	<1
960269	3.3	210	<1	139	<1	202	<1	91	96	<1
960270	4.1	40	<1	118	<1	13	<1	62	73	<1
960271	0.4	20	<1	61	<1	73	<1	27	66	<1
960272	2.9	120	<1	75	<1	56	2	136	86	<1
960273	0.7	<10	<1	<1	<1	21	<1	36	1	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960274	2.4	290	<1	69	<1	144	<1	91	72	<1
960275	4.1	100	<1	38	<1	97	<1	149	55	2
960276	3.1	250	<1	45	<1	177	1	66	43	1
960277	2.5	280	<1	73	<1	170	<1	75	86	<1
960278	3.2	980	<1	24	<1	106	1	55	26	<1
960279	4.8	880	<1	114	<1	199	2	78	111	<1
960280	2.0	30	<1	88	<1	8	1	294	189	<1
960281	4.2	22800	<1	3	<1	33	7	164	6	<1
960282	3.9	21900	<1	12	<1	124	2	50	13	1
960283	4.9	70	<1	16	<1	15	3	155	27	<1
960284	7.3	570	<1	217	<1	175	<1	231	227	<1
960285	2.8	240	<1	270	<1	179	1	111	255	<1
960286	2.8	310	<1	475	<1	132	1	218	388	<1
960287	0.6	20	<1	45	<1	48	<1	13	36	<1
960288	0.4	20	<1	49	<1	20	<1	12	58	<1
960289	2.7	550	<1	282	<1	82	<1	164	260	<1
960290	0.3	110	<1	152	<1	56	<1	49	147	<1
960291	6.0	8940	<1	111	<1	155	2	227	114	1
960292	5.9	14100	<1	13	<1	58	5	51	16	<1
960293	8.2	1580	<1	135	<1	45	1	197	130	<1
960294	4.2	1620	<1	37	<1	156	<1	42	35	<1
960295	6.0	120	<1	26	<1	329	<1	35	23	<1
960296	6.2	210	<1	56	<1	247	<1	61	59	1
960297	6.0	190	<1	60	<1	242	<1	53	55	<1
960298	6.8	190	<1	34	<1	216	<1	36	28	<1
960299	1.5	250	<1	58	<1	393	<1	65	67	<1
960300	10.7	300	<1	359	<1	228	<1	94	251	<1
960301	5.4	210	<1	95	<1	146	1	87	76	<1
960302	8.4	670	<1	134	<1	185	<1	155	121	<1
960303	0.3	<10	<1	18	<1	10	<1	<5	24	<1
960304	3.4	60	<1	48	<1	127	1	80	64	<1
960305	3.4	370	<1	173	<1	113	<1	84	148	<1
960306	6.6	540	<1	28	<1	154	<1	63	26	<1
960307	2.3	<10	4	7	<1	64	<1	74	22	<1
960308	0.4	60	<1	366	<1	58	<1	32	314	<1
960309	5.2	390	<1	23	<1	205	2	55	27	<1
960310	6.1	350	<1	15	<1	36	2	95	19	1
*Rep 960492	0.5	30	<1	51	<1	13	<1	10	52	<1
*Rep 960253	16.0	20	<1	19	<1	27	<1	156	23	<1
*Rep 960263	2.2	690	<1	34	<1	74	5	49	36	<1
*Rep 960277	2.2	340	<1	69	<1	152	<1	76	78	<1
*Rep 960284	7.1	680	<1	251	<1	179	<1	246	277	<1
*Rep 960307	3.6	10	3	6	<1	53	<1	83	17	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 960310	6.2	410	<1	14	<1	37	2	96	17	<1
*Std MMISRM16	0.3	70	26	2	<1	299	<1	7	4	<1
*Std MMISRM16	0.3	80	27	2	<1	313	<1	8	5	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960481	40	<1	10	<10	12.6	57	<0.5	20	<1	201
960482	100	<1	2	<10	1.3	99	<0.5	9	<1	47
960483	100	<1	2	<10	11.9	72	<0.5	51	<1	59
960484	430	<1	<1	<10	<0.5	<3	<0.5	100	<1	19
960485	400	<1	<1	<10	1.7	13	<0.5	10	<1	12
960486	260	<1	6	<10	5.8	23	0.6	121	<1	245
960487	200	<1	27	<10	169	860	1.4	257	1	547
960488	150	<1	29	<10	149	427	1.3	204	<1	671
960489	250	<1	14	<10	105	725	<0.5	171	<1	366
960490	180	<1	29	<10	209	1700	1.0	96	2	803
960491	170	1	32	<10	273	1620	1.1	100	2	786
960492	650	<1	6	<10	26.5	158	<0.5	41	<1	160
960493	470	<1	43	<10	43.4	388	<0.5	133	1	1420
960494	840	<1	8	<10	79.9	13	<0.5	74	<1	213
960495	280	<1	35	<10	192	1680	<0.5	69	1	755
960496	60	<1	10	<10	76.6	1970	0.6	38	1	221
960497	720	<1	10	<10	113	17	<0.5	79	<1	285
960498	610	<1	8	<10	47.5	10	<0.5	37	<1	171
960499	230	<1	5	<10	77.8	525	<0.5	27	<1	102
960500	420	<1	15	<10	106	712	<0.5	45	<1	400
960251	630	<1	9	<10	65.5	79	<0.5	34	<1	232
960252	90	1	77	<10	83.4	2550	1.2	94	3	2140
960253	40	<1	6	<10	9.6	6890	<0.5	2	<1	153
960254	40	<1	3	<10	25.8	1270	<0.5	12	<1	120
960255	<10	<1	7	<10	58.2	3290	0.7	32	<1	157
960256	20	<1	9	<10	41.3	578	<0.5	25	<1	171
960257	50	<1	2	<10	47.4	3500	<0.5	45	1	58
960258	<10	<1	5	<10	28.1	620	<0.5	25	<1	107
960259	30	<1	6	<10	18.7	485	<0.5	14	<1	149
960260	80	<1	2	<10	31.9	3390	<0.5	8	1	46
960261	<10	<1	35	<10	3.3	21	<0.5	2	<1	894
960262	170	<1	26	<10	90.9	1600	0.6	42	1	667
960263	30	<1	5	<10	38.9	1260	<0.5	22	<1	117
960264	30	<1	8	<10	122	1230	0.6	29	<1	164
960265	750	<1	32	<10	84.0	202	<0.5	76	<1	909
960266	860	<1	4	<10	34.5	8	<0.5	89	<1	103
960267	690	<1	2	<10	14.3	<3	<0.5	145	<1	44
960268	740	<1	12	<10	77.2	30	<0.5	56	<1	330
960269	200	<1	14	<10	87.4	1230	1.2	43	1	396
960270	<10	<1	8	<10	96.9	218	<0.5	57	<1	68
960271	590	<1	9	<10	37.3	39	<0.5	31	<1	258
960272	200	<1	12	<10	46.8	1070	<0.5	123	<1	256
960273	50	<1	<1	<10	0.9	5	<0.5	2	<1	14

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960274	60	<1	10	<10	90.4	2160	0.6	22	<1	205
960275	<10	<1	11	<10	61.1	2670	<0.5	18	1	303
960276	130	<1	6	<10	105	2620	0.5	29	<1	143
960277	40	<1	11	<10	79.8	1200	0.5	27	<1	219
960278	<10	<1	4	<10	60.2	2160	<0.5	17	<1	74
960279	20	<1	13	<10	134	2220	0.9	29	1	309
960280	<10	<1	28	<10	6.8	29	<0.5	2	<1	391
960281	<10	<1	1	<10	34.1	208	0.9	29	<1	26
960282	<10	<1	2	<10	110	3020	0.7	29	1	65
960283	<10	<1	6	<10	4.9	4070	<0.5	2	<1	188
960284	40	<1	31	<10	213	1020	1.3	166	1	763
960285	250	<1	33	<10	152	1530	0.9	131	2	781
960286	210	<1	50	<10	311	1590	0.8	159	2	1230
960287	450	<1	4	<10	71.9	145	<0.5	51	<1	113
960288	660	<1	8	<10	59.2	10	<0.5	61	<1	206
960289	220	<1	36	<10	163	1650	0.7	94	2	939
960290	670	<1	25	<10	48.4	68	<0.5	92	<1	801
960291	30	1	15	<10	206	4180	2.3	298	2	358
960292	20	<1	3	<10	48.9	1300	0.8	33	<1	64
960293	<10	<1	16	<10	54.6	1300	<0.5	67	<1	301
960294	100	<1	6	<10	107	1370	0.8	16	<1	157
960295	<10	<1	3	<10	52.1	1230	<0.5	10	1	54
960296	40	<1	8	<10	115	2760	<0.5	36	2	157
960297	<10	<1	7	<10	96.7	1520	<0.5	38	<1	131
960298	30	<1	3	<10	66.5	1600	<0.5	12	<1	62
960299	180	<1	12	<10	91.1	320	<0.5	69	<1	325
960300	160	<1	26	<10	152	1860	0.6	89	1	557
960301	80	<1	11	<10	147	927	<0.5	104	<1	289
960302	10	<1	18	<10	231	762	1.0	146	<1	438
960303	140	<1	2	<10	3.8	17	<0.5	56	<1	55
960304	70	<1	10	<10	60.6	2310	<0.5	17	1	238
960305	20	<1	15	<10	143	1270	0.7	63	<1	249
960306	10	<1	4	<10	108	1570	<0.5	41	<1	83
960307	70	<1	9	<10	9.0	12	<0.5	1650	<1	463
960308	660	<1	46	<10	47.1	17	<0.5	58	<1	1090
960309	10	<1	4	<10	46.9	3220	0.5	16	1	81
960310	10	<1	4	<10	24.8	3290	<0.5	21	<1	103
*Rep 960492	630	<1	6	<10	26.4	156	<0.5	41	<1	168
*Rep 960253	40	<1	5	<10	8.2	5350	<0.5	1	<1	156
*Rep 960263	30	<1	5	<10	35.6	1240	<0.5	21	<1	129
*Rep 960277	50	<1	10	<10	74.2	1270	<0.5	25	<1	224
*Rep 960284	30	<1	36	<10	238	1180	1.2	197	2	854
*Rep 960307	50	<1	7	<10	11.6	18	<0.5	1390	<1	345

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 960310	10	<1	3	<10	25.4	3280	<0.5	20	<1	98
*Std MMISRM16	420	<1	<1	<10	19.5	15	<0.5	53	<1	9
*Std MMISRM16	440	<1	<1	<10	20.9	3	<0.5	56	<1	10
*Blk BLANK	<10	<1	<1	<10	0.6	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	0.5	5	<0.5	<1	<1	<5

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Final : TO116369 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
960481	20	1690	104
960482	6	710	5
960483	6	240	417
960484	2	6560	<5
960485	1	1940	<5
960486	20	7670	9
960487	67	860	300
960488	62	2070	266
960489	26	660	129
960490	63	1410	325
960491	66	760	424
960492	10	360	29
960493	98	1950	73
960494	15	230	31
960495	57	390	289
960496	19	160	89
960497	25	540	86
960498	10	150	26
960499	8	170	64
960500	33	80	104
960251	19	80	41
960252	205	370	176
960253	15	390	29
960254	11	1720	29
960255	12	110	204
960256	17	140	84
960257	7	210	1080
960258	10	170	120
960259	14	250	35
960260	5	1470	132
960261	62	110	9
960262	49	220	142
960263	10	80	228
960264	14	170	147
960265	70	220	69
960266	10	110	25
960267	3	40	11
960268	25	270	44
960269	26	680	133
960270	8	<20	47
960271	19	170	32
960272	25	1120	207
960273	2	100	<5

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Final : TO116369 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
960274	16	110	130
960275	27	370	116
960276	11	130	209
960277	18	130	97
960278	6	230	84
960279	23	130	174
960280	42	180	7
960281	5	160	188
960282	5	200	222
960283	32	70	15
960284	88	780	394
960285	68	1470	210
960286	110	700	378
960287	8	320	66
960288	14	900	23
960289	78	3670	173
960290	70	7240	29
960291	35	3730	256
960292	8	900	256
960293	27	1730	196
960294	12	340	81
960295	4	210	85
960296	12	660	163
960297	12	220	124
960298	6	150	119
960299	24	1210	97
960300	43	1130	207
960301	28	1640	240
960302	58	720	387
960303	2	480	<5
960304	23	430	120
960305	19	430	144
960306	8	430	113
960307	46	11300	55
960308	72	380	22
960309	6	190	74
960310	12	280	117
*Rep 960492	11	340	29
*Rep 960253	16	440	26
*Rep 960263	10	60	224
*Rep 960277	18	120	92
*Rep 960284	101	770	436
*Rep 960307	38	9550	70

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Final : TO116369 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
*Rep 960310	11	300	115
*Std MMISRM16	<1	270	16
*Std MMISRM16	<1	330	16
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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Certificate of Analysis

Work Order: TO116370

To: COD SGS Minerals
C/O P.O. Box 439
Whiffen Head Road
ARNOLD COVE
NF A0B 1A0

Date: Sep 16, 2011

P.O. No.	:	Escape Gold
Project No.	:	-
No. Of Samples	:	80
Date Submitted	:	Aug 31, 2011
Report Comprises	:	Pages 1 to 19 (Inclusive of Cover Sheet)

Distribution of unused material:
Return to client:

Certified By :

Lawrence Ng
Regional Business Manager (GEOCHEM)

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960311	94	214	160	1.5	40	<1	20	8	99	177
960312	56	41	<10	0.5	600	<1	520	20	49	15
960313	171	1	60	13.1	<10	<1	190	3	<5	<5
960314	14	116	40	0.4	740	<1	50	23	200	1480
960315	36	31	<10	0.4	320	<1	310	35	42	289
960316	18	11	<10	0.3	460	<1	290	7	14	15
960317	31	14	<10	0.3	500	<1	330	50	17	133
960318	203	69	50	1.7	40	<1	170	15	19	72
960319	20	23	<10	0.3	650	<1	230	5	108	25
960320	13	49	<10	0.3	580	<1	150	36	373	254
960321	15	79	<10	0.2	780	<1	180	9	511	97
960322	10	192	20	0.2	570	<1	<10	2	1560	45
960323	22	152	20	0.2	580	<1	60	15	3010	44
960324	30	36	<10	1.0	390	<1	250	14	104	18
960325	19	26	<10	0.2	270	<1	280	32	112	123
960326	22	32	<10	0.3	350	<1	290	12	100	57
960327	5	148	20	0.1	320	<1	<10	8	744	201
960328	8	155	20	0.1	870	<1	<10	8	528	191
960329	25	49	<10	0.3	550	<1	300	14	225	25
960330	11	212	20	0.1	980	<1	20	30	816	111
960331	20	33	<10	0.3	470	<1	270	8	170	51
960332	16	102	<10	0.3	780	<1	240	21	1000	17
960333	26	237	20	0.3	310	<1	10	15	1010	226
960334	14	209	70	0.3	1620	1	90	22	2750	870
960335	148	222	90	0.4	60	<1	20	19	213	316
960336	60	145	40	<0.1	40	<1	200	67	101	182
960337	30	21	<10	0.2	600	<1	460	8	30	37
960338	83	54	60	<0.1	<10	<1	60	24	121	259
960339	27	217	40	0.3	130	<1	60	7	103	113
960340	87	78	30	1.6	20	<1	<10	5	69	46
960341	10	40	<10	0.3	630	<1	240	2	266	30
960342	20	>300	80	0.4	60	<1	20	12	147	95
960343	8	94	20	0.2	1010	<1	240	5	1070	155
960344	8	202	30	0.2	1560	<1	110	9	1650	101
960345	7	225	30	0.1	1290	1	50	9	521	354
960346	4	54	20	0.2	770	<1	110	1	658	46
960347	6	214	20	0.2	1180	<1	20	2	2130	153
960348	4	68	<10	0.3	780	<1	140	1	935	5
960349	27	240	40	0.1	800	<1	20	17	1230	183
960350	28	176	50	0.1	380	<1	150	16	204	251
960851	13	47	30	0.2	<10	<1	280	5	8	265
960852	8	57	20	<0.1	60	<1	50	112	47	1150
960853	11	13	10	<0.1	<10	<1	270	7	6	187

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960854	33	226	30	0.4	170	<1	<10	98	174	468
960855	18	136	40	0.3	950	<1	140	14	816	102
960856	14	44	<10	0.3	340	<1	370	62	132	64
960857	18	62	<10	0.2	480	<1	330	266	362	232
960858	27	61	<10	0.3	580	<1	350	149	267	99
960859	8	36	<10	0.2	720	<1	210	2	578	<5
960860	9	31	<10	0.3	630	<1	190	2	385	<5
960861	14	17	<10	0.2	630	<1	230	2	109	<5
960862	13	89	<10	0.3	1300	<1	280	11	1890	106
960863	106	4	30	11.3	<10	12	<10	<1	152	<5
960864	26	18	<10	0.2	440	<1	330	4	29	20
960865	23	45	<10	0.2	450	<1	280	6	192	21
960866	27	26	<10	0.6	500	<1	330	4	67	8
960867	8	123	10	0.1	340	<1	210	6	753	21
960868	8	209	20	<0.1	440	<1	40	20	492	229
960869	7	269	20	<0.1	530	<1	20	15	406	55
960870	20	231	20	0.1	570	<1	10	10	998	52
960871	10	129	20	0.2	1050	<1	110	22	1690	79
960872	8	88	<10	0.2	710	<1	170	19	1190	6
960873	<1	114	20	0.2	110	<1	120	6	155	122
960874	2	>300	10	<0.1	310	<1	20	6	139	28
960875	7	75	20	0.1	880	<1	180	6	781	293
960876	15	10	<10	0.3	580	<1	220	2	32	<5
960877	3	80	<10	0.2	1000	<1	160	<1	1520	5
960878	5	80	<10	0.2	1000	<1	170	2	968	8
960879	<1	73	10	0.1	160	<1	120	6	57	53
960880	10	47	<10	0.2	160	<1	240	97	102	266
960881	28	35	<10	0.2	60	<1	460	206	15	44
960882	49	195	40	1.0	40	<1	60	29	69	116
960883	50	227	20	0.2	240	<1	40	60	145	244
960884	15	65	20	<0.1	30	<1	170	10	24	333
960885	25	44	<10	0.2	500	<1	540	44	74	65
960886	8	88	<10	0.2	340	<1	420	48	126	68
960887	25	25	<10	0.3	540	<1	420	7	24	60
960888	20	20	<10	0.2	600	<1	400	7	34	21
960889	29	15	<10	2.2	490	<1	370	4	11	73
960890	11	201	20	0.2	300	<1	20	15	609	393
*Rep 960316	19	12	<10	0.4	470	<1	290	8	17	29
*Rep 960331	19	32	<10	0.4	490	<1	280	7	214	25
*Rep 960348	4	70	<10	0.2	730	<1	140	2	995	8
*Rep 960360	9	28	<10	0.2	620	<1	190	2	305	<5
*Rep 960369	6	257	20	<0.1	540	<1	30	16	419	51
*Rep 960382	49	206	50	0.8	50	<1	60	29	81	119

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Final: TO116370 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 960389	30	18	<10	1.9	390	<1	380	7	12	104
*Std MMISRM16	17	41	20	28.0	40	<1	180	4	13	61
*Std MMISRM16	14	41	20	23.1	40	<1	170	4	15	57
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960311	300	1.7	1900	24	14.7	5.8	194	7	22	1
960312	<100	<0.5	3530	20	10.0	6.5	10	<1	31	<1
960313	<100	0.7	370	<1	<0.5	<0.5	4	<1	<1	<1
960314	<100	1.1	1830	16	9.2	4.4	328	6	18	<1
960315	<100	<0.5	4230	21	12.5	5.9	13	<1	29	1
960316	<100	<0.5	1300	20	11.7	5.7	4	<1	30	12
960317	<100	<0.5	1720	13	8.3	3.0	5	<1	17	4
960318	<100	0.8	680	5	2.8	2.0	82	3	7	<1
960319	<100	<0.5	1400	49	24.7	14.4	8	1	74	4
960320	<100	0.6	1860	58	32.4	19.0	18	4	88	1
960321	<100	0.5	1440	60	31.2	18.9	37	5	83	<1
960322	200	5.9	4800	165	92.3	58.2	156	13	214	<1
960323	<100	5.1	2610	315	155	115	90	25	483	2
960324	<100	<0.5	2640	31	14.9	11.6	9	1	54	7
960325	<100	<0.5	3550	11	6.2	3.7	19	<1	16	<1
960326	<100	<0.5	3110	16	8.9	4.9	20	<1	22	<1
960327	100	3.7	4390	77	49.5	20.9	208	7	79	<1
960328	200	1.9	1900	29	15.5	8.7	314	7	33	<1
960329	<100	<0.5	3900	37	18.5	13.1	16	2	59	<1
960330	100	1.4	3590	153	83.1	30.2	145	9	137	<1
960331	<100	<0.5	2150	34	16.3	12.4	12	2	57	1
960332	<100	0.6	2940	104	56.5	33.2	31	7	146	2
960333	<100	6.5	1670	61	21.9	25.4	53	11	95	1
960334	100	2.7	3330	199	108	64.7	178	27	261	1
960335	100	2.4	3520	26	12.0	9.6	162	9	34	<1
960336	<100	1.7	4080	16	8.7	5.2	79	4	20	<1
960337	<100	<0.5	1940	21	13.3	4.9	8	<1	27	3
960338	<100	1.5	10800	89	36.5	55.2	68	2	191	1
960339	200	4.7	1760	13	5.8	3.2	121	6	15	<1
960340	<100	3.1	590	15	5.8	5.3	182	3	22	<1
960341	<100	<0.5	970	68	33.4	21.1	11	2	104	<1
960342	200	8.0	1590	26	15.1	6.7	134	7	25	<1
960343	<100	0.8	1380	118	61.7	39.0	57	11	167	<1
960344	200	3.7	1300	125	58.7	44.0	131	21	181	1
960345	200	2.2	920	38	19.7	11.8	233	18	47	<1
960346	<100	0.9	950	94	46.0	33.3	63	10	141	<1
960347	300	4.8	1300	115	52.1	41.2	163	26	161	1
960348	<100	0.6	1090	135	67.1	43.9	30	8	195	2
960349	100	4.3	500	79	31.5	48.2	117	18	149	<1
960350	<100	0.9	1410	30	14.4	9.8	116	6	36	<1
960851	<100	<0.5	17500	13	7.0	4.4	12	<1	18	<1
960852	<100	0.5	1470	6	2.9	2.1	192	3	8	<1
960853	<100	<0.5	1330	7	3.5	2.3	50	<1	9	<1

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Final : TO116370 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960854	<100	1.3	3260	35	21.7	9.1	246	5	36	1
960855	<100	1.7	4300	126	66.3	42.3	120	13	165	3
960856	<100	0.6	2480	18	10.3	5.7	32	1	26	<1
960857	<100	0.8	2450	38	22.6	12.4	33	2	52	<1
960858	<100	0.8	3330	30	17.2	10.2	25	2	43	<1
960859	<100	<0.5	1180	91	46.9	28.1	15	4	133	2
960860	<100	<0.5	1490	75	37.4	24.2	11	3	116	2
960861	<100	<0.5	1280	42	20.7	13.1	6	1	66	4
960862	<100	0.9	1780	165	77.6	69.7	15	12	293	1
960863	<100	0.8	100	17	7.6	7.3	93	2	25	<1
960864	<100	<0.5	1580	19	12.0	5.2	6	<1	27	5
960865	100	<0.5	2450	46	26.2	14.3	15	2	68	2
960866	<100	<0.5	1660	29	14.6	9.3	8	<1	46	2
960867	200	1.2	1760	111	60.0	36.3	65	9	157	<1
960868	200	3.0	700	31	13.5	10.5	130	12	41	<1
960869	300	2.4	610	27	12.2	9.0	156	11	35	<1
960870	300	4.8	620	57	22.2	20.1	147	15	79	<1
960871	<100	1.9	2060	248	134	72.2	102	17	330	<1
960872	<100	1.3	1860	204	109	62.3	32	9	292	2
960873	100	10.3	220	7	3.0	2.2	86	7	8	<1
960874	100	7.7	460	11	5.0	3.2	124	14	11	<1
960875	<100	1.0	1270	55	29.5	21.2	63	9	86	<1
960876	<100	<0.5	1180	35	17.8	9.8	4	<1	53	6
960877	<100	0.5	860	201	100	62.1	23	10	284	1
960878	<100	0.5	1030	153	76.8	48.5	28	8	219	<1
960879	<100	<0.5	1820	5	3.9	1.7	201	1	6	<1
960880	<100	0.6	1490	10	6.7	2.9	34	<1	13	<1
960881	<100	<0.5	1060	4	2.3	1.2	11	<1	5	<1
960882	<100	0.9	1300	14	6.9	5.0	141	4	17	1
960883	<100	4.1	2630	22	12.2	5.4	67	7	22	<1
960884	<100	0.5	6980	26	12.9	9.9	73	<1	39	<1
960885	<100	<0.5	3480	14	7.7	4.2	12	<1	20	<1
960886	<100	<0.5	4510	18	10.9	4.5	58	1	20	<1
960887	<100	<0.5	1830	18	11.1	4.5	9	<1	24	3
960888	<100	<0.5	1880	22	14.9	4.9	8	<1	27	6
960889	<100	<0.5	2700	15	9.5	3.6	5	<1	19	7
960890	<100	4.0	3860	172	100	48.3	152	10	202	1
*Rep 960316	<100	<0.5	1430	22	13.2	6.0	5	<1	33	11
*Rep 960331	<100	<0.5	2040	37	17.0	13.4	10	2	63	3
*Rep 960348	<100	0.7	1120	148	72.8	46.7	32	9	210	1
*Rep 960360	<100	<0.5	1450	64	31.3	22.1	10	3	104	2
*Rep 960369	300	2.5	570	26	11.5	8.9	158	10	35	<1
*Rep 960382	100	0.9	1260	14	6.7	5.2	154	4	17	2

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 960389	<100	<0.5	2770	15	9.5	3.9	5	<1	20	5
*Std MMISRM16	<100	12.2	700	2	0.9	0.9	2	<1	4	18
*Std MMISRM16	<100	11.8	640	2	1.0	1.1	2	<1	4	19
*Blk BLANK	<100	<0.5	10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
960311	<0.5	2.3	37	<5	1	2770	10	5.7	61	248
960312	<0.5	5.7	54	5	49	510	<5	<0.5	101	1020
960313	<0.5	2.7	<1	<5	39	2830	<5	<0.5	<1	222
960314	<0.5	10.4	84	<5	32	20600	6	5.1	93	595
960315	<0.5	6.6	42	10	111	8340	8	<0.5	84	2140
960316	<0.5	16.4	32	20	132	700	26	<0.5	74	455
960317	<0.5	15.0	21	<5	145	4320	26	<0.5	44	728
960318	<0.5	4.6	9	<5	41	1470	16	1.9	19	197
960319	<0.5	9.4	101	8	147	1730	18	<0.5	221	611
960320	<0.5	9.7	358	<5	66	20900	13	0.6	487	1280
960321	<0.5	8.4	266	<5	89	8360	<5	1.3	420	624
960322	<0.5	7.4	536	<5	1	470	5	5.6	1110	219
960323	<0.5	5.7	1330	<5	6	900	7	6.8	2450	121
960324	<0.5	7.5	80	<5	47	640	18	<0.5	185	818
960325	<0.5	16.6	48	16	111	14100	6	<0.5	82	1240
960326	<0.5	20.4	61	12	116	7620	<5	<0.5	98	688
960327	<0.5	9.0	275	<5	2	3130	<5	4.3	421	483
960328	<0.5	11.0	253	<5	3	1100	<5	6.4	222	475
960329	<0.5	7.7	178	<5	89	1810	<5	<0.5	271	967
960330	<0.5	6.5	387	<5	5	1810	<5	4.8	541	571
960331	<0.5	8.2	124	<5	55	8680	6	<0.5	226	1100
960332	<0.5	5.5	531	<5	40	1080	<5	1.2	730	1540
960333	<0.5	6.3	379	<5	1	5560	<5	3.2	468	160
960334	<0.5	14.1	1440	<5	15	17700	9	11.6	1660	595
960335	<0.5	5.4	63	<5	1	7100	8	3.2	111	442
960336	<0.5	2.0	50	<5	11	1970	<5	1.2	67	3890
960337	<0.5	9.0	26	17	75	1190	7	<0.5	64	639
960338	<0.5	2.3	109	<5	4	6940	<5	<0.5	369	12400
960339	<0.5	3.3	41	<5	3	2770	6	4.1	51	169
960340	<0.5	5.5	21	<5	<1	1280	7	1.1	58	74
960341	<0.5	6.0	166	<5	100	920	6	<0.5	356	299
960342	<0.5	3.3	58	<5	1	1280	<5	3.2	77	239
960343	<0.5	7.2	613	<5	28	7970	<5	4.8	911	323
960344	<0.5	7.8	927	<5	14	4550	<5	9.9	1070	207
960345	<0.5	10.2	241	<5	9	8140	7	10.2	264	221
960346	<0.5	8.1	464	<5	25	2590	7	6.1	745	198
960347	<0.5	7.9	819	<5	3	8350	6	12.4	1010	134
960348	<0.5	4.7	442	<5	56	560	<5	1.8	874	300
960349	<0.5	7.3	620	<5	2	5050	<5	6.7	1000	134
960350	<0.5	4.8	72	<5	19	410	<5	2.9	117	723
960851	<0.5	2.1	5	<5	2	5350	<5	<0.5	21	3640
960852	<0.5	4.4	13	<5	2	30400	<5	<0.5	24	617
960853	<0.5	3.7	2	<5	35	8760	<5	<0.5	10	14200

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Final : TO116370 Order: Escape Gold

Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
960854	0.5	4.5	86	<5	2	2710	<5	2.1	109	948
960855	<0.5	7.7	298	<5	21	2870	7	8.6	663	411
960856	<0.5	7.6	71	43	20	6620	<5	<0.5	107	2330
960857	<0.5	9.4	196	24	23	10700	<5	<0.5	255	6350
960858	<0.5	10.1	134	9	26	4440	<5	<0.5	187	4730
960859	<0.5	5.5	274	7	105	420	5	<0.5	533	617
960860	<0.5	9.3	232	9	145	380	6	<0.5	456	460
960861	<0.5	14.4	90	18	160	120	9	<0.5	199	329
960862	<0.5	7.0	1050	<5	40	2060	<5	<0.5	1490	422
960863	1.7	1.2	53	<5	<1	530	<5	1.3	122	6
960864	<0.5	20.5	41	24	107	900	14	<0.5	83	338
960865	<0.5	19.1	189	12	93	1320	8	<0.5	292	635
960866	<0.5	20.7	85	17	83	610	10	<0.5	162	312
960867	<0.5	7.3	702	<5	21	7140	<5	2.4	895	638
960868	<0.5	9.9	225	<5	4	9690	<5	6.5	242	222
960869	<0.5	8.0	196	<5	3	940	<5	7.1	205	181
960870	<0.5	7.5	486	<5	2	1800	<5	8.9	489	134
960871	<0.5	9.1	1030	<5	21	7020	<5	4.9	1610	916
960872	<0.5	10.6	720	<5	38	1130	<5	1.4	1240	1200
960873	<0.5	9.2	31	<5	3	6810	6	2.9	39	59
960874	<0.5	9.7	71	<5	1	530	<5	4.4	55	54
960875	<0.5	11.6	576	<5	16	17100	8	4.3	628	342
960876	<0.5	10.4	50	17	182	270	12	<0.5	130	234
960877	<0.5	5.6	703	<5	62	600	<5	0.8	1310	348
960878	<0.5	9.4	537	<5	92	710	<5	1.3	970	341
960879	<0.5	10.7	24	<5	20	370	<5	1.3	36	142
960880	<0.5	7.9	53	7	23	25000	<5	<0.5	61	3320
960881	<0.5	5.9	8	<5	53	4250	<5	<0.5	14	4640
960882	<0.5	2.3	26	<5	4	620	7	1.5	52	377
960883	<0.5	7.5	59	<5	2	2460	<5	2.2	81	413
960884	<0.5	3.9	12	<5	13	9900	<5	<0.5	44	5310
960885	<0.5	14.9	46	<5	45	3910	<5	<0.5	78	1210
960886	<0.5	7.3	77	<5	37	5310	<5	<0.5	92	2480
960887	<0.5	13.0	33	12	83	2600	9	<0.5	69	421
960888	<0.5	10.2	30	10	93	1040	9	<0.5	70	563
960889	<0.5	15.4	17	19	131	3080	15	<0.5	42	669
960890	<0.5	7.7	342	<5	2	11300	<5	3.9	697	459
*Rep 960316	<0.5	16.7	37	18	132	1190	24	<0.5	82	493
*Rep 960331	<0.5	7.5	112	<5	56	1710	6	<0.5	226	883
*Rep 960348	<0.5	4.6	482	<5	55	770	<5	1.9	946	301
*Rep 960360	<0.5	9.5	207	9	143	350	6	<0.5	416	421
*Rep 960369	<0.5	8.1	206	<5	3	980	<5	7.0	210	170
*Rep 960382	<0.5	2.5	32	<5	4	720	6	1.7	58	321

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
*Rep 960389	<0.5	18.0	24	20	122	4640	16	<0.5	49	738
*Std MMISRM16	<0.5	35.5	3	<5	25	90	53	<0.5	12	251
*Std MMISRM16	<0.5	33.3	4	<5	23	100	46	<0.5	15	267
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	1	6
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	1	<5

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960311	8.5	200	<1	13	<1	25	2	97	18	1
960312	0.1	30	<1	20	<1	21	<1	9	25	<1
960313	0.3	<10	<1	<1	<1	12	<1	<5	<1	<1
960314	4.7	70	<1	24	<1	105	1	58	20	<1
960315	0.2	20	<1	17	<1	17	<1	31	22	<1
960316	0.2	10	<1	13	<1	8	<1	11	20	<1
960317	0.2	20	<1	8	<1	11	<1	12	11	<1
960318	1.5	330	<1	4	<1	37	2	14	6	<1
960319	0.5	20	<1	41	<1	25	<1	13	58	<1
960320	0.9	30	<1	114	<1	68	<1	27	89	<1
960321	0.9	80	<1	96	<1	61	<1	53	87	<1
960322	7.4	510	1	259	<1	156	<1	258	258	<1
960323	4.0	640	<1	563	<1	195	1	176	532	<1
960324	0.4	10	<1	34	<1	42	<1	13	48	<1
960325	0.3	10	<1	18	<1	48	<1	8	17	<1
960326	0.3	20	<1	22	<1	46	<1	11	21	<1
960327	3.3	290	<1	105	<1	149	1	129	91	<1
960328	7.7	70	<1	64	<1	132	<1	53	41	<1
960329	0.3	20	<1	59	<1	62	<1	15	56	<1
960330	10.6	520	<1	129	<1	162	<1	102	118	<1
960331	0.4	20	<1	46	<1	27	<1	12	52	<1
960332	0.6	60	<1	174	<1	111	<1	72	147	<1
960333	3.7	220	<1	115	<1	262	<1	95	106	<1
960334	5.6	230	<1	419	<1	206	2	217	301	1
960335	4.4	610	<1	24	<1	69	1	68	32	<1
960336	2.7	80	<1	15	<1	37	<1	44	18	<1
960337	0.1	20	<1	12	<1	15	<1	17	18	<1
960338	2.8	<10	2	58	<1	20	<1	980	160	<1
960339	3.6	190	<1	12	<1	68	<1	41	14	<1
960340	3.2	5230	1	11	<1	55	3	51	19	<1
960341	0.4	20	<1	69	<1	17	<1	22	91	<1
960342	8.5	310	<1	18	<1	70	<1	73	22	<1
960343	1.6	90	<1	217	<1	97	<1	82	182	<1
960344	5.6	220	<1	278	<1	186	<1	122	207	1
960345	6.9	440	<1	69	<1	156	<1	65	54	1
960346	2.9	70	<1	168	<1	60	<1	59	156	<1
960347	8.7	290	<1	268	<1	150	1	126	193	1
960348	1.3	80	<1	186	<1	69	<1	69	203	<1
960349	4.7	410	<1	233	<1	156	<1	84	196	<1
960350	1.4	410	<1	25	<1	58	2	65	32	<1
960851	0.6	<10	<1	3	<1	5	<1	56	10	<1
960852	2.8	60	<1	5	<1	32	<1	53	7	<1
960853	0.4	<10	1	1	<1	15	<1	37	5	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960854	8.7	730	<1	25	<1	31	1	86	31	<1
960855	3.3	380	<1	140	<1	125	2	238	176	<1
960856	0.2	20	<1	24	<1	82	<1	16	24	<1
960857	0.2	50	<1	60	<1	91	<1	41	52	<1
960858	0.3	60	<1	42	<1	73	<1	25	40	<1
960859	0.5	30	<1	108	<1	40	<1	22	125	<1
960860	0.3	20	<1	91	<1	41	<1	21	107	<1
960861	0.3	10	<1	37	<1	10	<1	11	53	<1
960862	0.4	80	<1	345	<1	81	<1	53	310	<1
960863	0.8	670	2	27	<1	5	<1	88	28	<1
960864	0.2	20	<1	16	<1	9	<1	13	20	<1
960865	0.3	40	<1	64	<1	27	<1	20	61	<1
960866	0.2	20	<1	33	<1	12	<1	11	39	<1
960867	2.1	60	1	223	<1	109	<1	95	172	<1
960868	7.9	200	<1	63	<1	141	<1	41	49	<1
960869	7.7	260	<1	54	<1	131	<1	42	41	1
960870	8.6	200	<1	131	<1	164	<1	55	94	<1
960871	3.5	230	<1	378	<1	144	<1	164	332	<1
960872	1.3	80	<1	270	<1	126	<1	89	278	<1
960873	1.8	110	<1	10	<1	257	<1	17	9	<1
960874	4.9	160	<1	16	<1	188	<1	32	12	<1
960875	1.9	70	<1	163	<1	77	<1	51	104	<1
960876	0.3	10	<1	23	<1	14	<1	12	39	<1
960877	0.8	110	<1	287	<1	57	<1	115	291	<1
960878	0.8	110	<1	212	<1	55	<1	94	220	<1
960879	0.8	10	<1	9	<1	42	<1	32	8	<1
960880	0.2	<10	<1	15	<1	68	<1	16	11	<1
960881	0.2	<10	<1	3	<1	33	<1	6	4	<1
960882	5.1	1140	<1	11	<1	32	3	59	16	<1
960883	2.2	330	<1	19	<1	170	<1	53	20	<1
960884	0.8	<10	<1	7	<1	23	<1	79	23	<1
960885	0.2	20	<1	17	<1	45	<1	10	17	<1
960886	0.2	80	<1	23	<1	100	<1	27	19	<1
960887	0.1	20	<1	14	<1	12	<1	15	18	<1
960888	0.2	20	<1	13	<1	12	<1	16	19	<1
960889	0.2	10	<1	8	<1	9	<1	16	12	<1
960890	5.9	90	<1	146	<1	155	<1	164	183	<1
*Rep 960316	0.2	20	<1	15	<1	8	<1	13	22	<1
*Rep 960331	0.4	10	<1	44	<1	28	<1	12	57	<1
*Rep 960348	1.3	100	<1	202	<1	70	<1	78	217	<1
*Rep 960360	0.4	20	<1	82	<1	41	<1	19	98	<1
*Rep 960369	7.5	260	<1	56	<1	139	<1	40	41	<1
*Rep 960382	5.7	1080	<1	12	<1	31	2	62	17	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 960389	0.2	10	<1	9	<1	8	<1	17	13	<1
*Std MMISRM16	0.4	70	27	2	<1	308	<1	7	4	<1
*Std MMISRM16	0.4	80	24	3	<1	287	<1	8	4	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960311	<10	<1	4	<10	24.0	5610	<0.5	22	<1	110
960312	600	<1	4	<10	30.8	<3	<0.5	43	<1	115
960313	270	<1	<1	<10	<0.5	<3	<0.5	1	<1	<5
960314	200	<1	3	<10	68.0	1180	<0.5	48	<1	81
960315	560	<1	4	<10	31.3	5	<0.5	77	<1	124
960316	920	<1	4	<10	5.1	<3	<0.5	55	<1	108
960317	810	<1	2	<10	6.2	<3	<0.5	51	<1	72
960318	80	<1	1	<10	6.9	982	<0.5	23	<1	26
960319	900	<1	9	<10	25.5	<3	<0.5	57	<1	271
960320	480	<1	11	<10	44.8	114	<0.5	54	<1	372
960321	400	<1	11	<10	71.4	296	<0.5	65	<1	324
960322	10	<1	30	<10	280	1010	1.3	238	<1	635
960323	190	<1	62	<10	167	1880	1.1	135	2	1420
960324	620	<1	6	<10	32.4	8	<0.5	50	<1	173
960325	540	<1	2	<10	44.0	15	<0.5	84	<1	70
960326	570	<1	3	<10	49.9	19	<0.5	89	<1	98
960327	<10	<1	13	<10	195	761	1.0	171	<1	317
960328	60	<1	5	<10	120	955	0.7	40	<1	124
960329	640	<1	7	<10	93.3	11	<0.5	46	<1	208
960330	60	<1	25	<10	173	662	0.7	53	<1	730
960331	630	<1	7	<10	48.3	<3	<0.5	46	<1	181
960332	360	<1	19	<10	88.1	239	<0.5	84	<1	614
960333	20	<1	13	<10	103	982	<0.5	36	<1	219
960334	170	1	36	<10	181	2420	1.1	133	3	963
960335	10	<1	5	<10	36.6	1550	<0.5	19	<1	101
960336	40	<1	3	<10	6.0	1330	<0.5	11	<1	82
960337	760	<1	4	<10	22.0	5	<0.5	70	<1	116
960338	10	<1	21	<10	5.2	15	<0.5	6	<1	440
960339	20	<1	2	<10	23.3	2880	0.5	10	<1	47
960340	<10	<1	3	<10	18.9	737	0.6	30	<1	52
960341	800	<1	13	<10	39.5	16	<0.5	32	<1	373
960342	20	<1	4	<10	31.2	2110	<0.5	10	<1	129
960343	490	<1	22	<10	86.8	1250	<0.5	56	<1	614
960344	280	<1	24	<10	153	2830	0.8	47	1	614
960345	130	<1	7	<10	159	2920	<0.5	29	1	176
960346	300	<1	18	<10	83.3	1540	<0.5	43	1	480
960347	70	1	22	<10	217	3470	1.0	57	2	529
960348	330	<1	26	<10	91.3	482	<0.5	64	<1	686
960349	50	<1	17	<10	103	2090	<0.5	32	1	337
960350	170	<1	5	<10	36.4	1110	<0.5	13	<1	132
960851	80	<1	2	<10	0.8	7	<0.5	<1	<1	63
960852	20	<1	1	<10	7.0	126	<0.5	7	<1	22
960853	100	<1	1	<10	<0.5	<3	<0.5	<1	<1	36

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Final : TO116370 Order: Escape Gold

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960854	20	<1	6	<10	40.9	578	0.5	58	<1	172
960855	200	<1	23	<10	159	2300	0.9	148	1	585
960856	490	<1	3	<10	23.3	25	<0.5	71	<1	120
960857	390	<1	7	<10	47.0	31	<0.5	166	<1	252
960858	400	<1	6	<10	43.6	25	<0.5	154	<1	198
960859	690	<1	17	<10	95.1	17	<0.5	68	<1	486
960860	650	<1	15	<10	83.3	<3	<0.5	69	<1	416
960861	810	<1	8	<10	34.8	<3	<0.5	74	<1	236
960862	900	<1	34	<10	52.3	83	<0.5	42	<1	822
960863	<10	<1	3	<10	5.1	8	<0.5	3	<1	64
960864	800	<1	3	<10	21.4	<3	<0.5	53	<1	97
960865	620	<1	9	<10	119	3	<0.5	119	<1	238
960866	730	<1	6	<10	55.7	<3	<0.5	42	<1	150
960867	220	<1	21	<10	178	457	<0.5	267	<1	657
960868	90	<1	6	<10	133	1540	<0.5	73	<1	130
960869	50	<1	5	<10	148	1570	<0.5	32	<1	118
960870	30	<1	11	<10	147	2030	<0.5	35	1	212
960871	210	<1	45	<10	159	1170	<0.5	131	1	1340
960872	350	<1	38	<10	89.1	329	<0.5	161	<1	1130
960873	70	<1	1	<10	39.5	1010	<0.5	6	<1	27
960874	60	<1	2	<10	32.1	1620	0.5	10	<1	43
960875	270	<1	10	<10	107	903	0.7	33	1	336
960876	890	<1	7	<10	11.1	5	<0.5	57	<1	194
960877	440	<1	38	<10	78.5	221	<0.5	83	<1	977
960878	450	<1	29	<10	79.4	336	<0.5	71	<1	746
960879	150	<1	<1	<10	57.6	256	<0.5	57	<1	32
960880	230	<1	2	<10	6.5	19	<0.5	36	<1	77
960881	350	<1	<1	<10	1.4	<3	<0.5	52	<1	30
960882	40	<1	3	<10	31.2	856	<0.5	28	<1	55
960883	40	<1	4	<10	51.4	736	<0.5	16	<1	109
960884	60	<1	5	<10	0.8	14	<0.5	2	<1	128
960885	650	<1	3	<10	41.1	<3	<0.5	52	<1	74
960886	480	<1	3	<10	27.5	12	<0.5	92	<1	122
960887	840	<1	3	<10	25.5	<3	<0.5	69	<1	94
960888	930	<1	4	<10	19.4	<3	<0.5	72	<1	112
960889	1030	<1	3	<10	11.5	<3	<0.5	70	<1	80
960890	20	<1	30	<10	81.4	2290	<0.5	39	<1	858
*Rep 960316	870	<1	4	<10	6.0	<3	<0.5	56	<1	119
*Rep 960331	660	<1	7	<10	44.1	<3	<0.5	48	<1	196
*Rep 960348	300	<1	28	<10	96.5	514	<0.5	69	<1	687
*Rep 960360	620	<1	13	<10	75.4	<3	<0.5	69	<1	359
*Rep 960369	50	<1	5	<10	140	1540	<0.5	30	<1	115
*Rep 960382	40	<1	3	<10	29.8	949	<0.5	27	<1	56

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 960389	940	<1	3	<10	13.7	5	<0.5	70	<1	84
*Std MMISRM16	370	<1	<1	<10	19.1	3	<0.5	53	<1	9
*Std MMISRM16	340	<1	<1	<10	19.8	<3	<0.5	55	<1	10
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	0.6	<3	<0.5	<1	<1	<5

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Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
960311	15	320	99
960312	7	600	18
960313	<1	<20	<5
960314	8	560	164
960315	11	700	19
960316	10	400	6
960317	7	770	8
960318	3	260	67
960319	17	570	11
960320	26	3520	27
960321	25	390	88
960322	89	510	469
960323	121	710	243
960324	11	540	17
960325	6	410	26
960326	8	390	35
960327	51	890	363
960328	13	610	217
960329	14	1150	53
960330	67	3560	256
960331	12	270	20
960332	46	6820	119
960333	15	510	130
960334	91	6780	390
960335	10	250	84
960336	8	210	18
960337	11	330	15
960338	32	540	28
960339	5	110	52
960340	5	120	508
960341	24	80	22
960342	12	100	47
960343	51	70	117
960344	45	60	211
960345	17	210	227
960346	37	140	98
960347	39	130	315
960348	52	160	66
960349	23	80	105
960350	12	110	53
960851	9	<20	<5
960852	3	880	21
960853	3	20	<5

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Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
960854	21	1950	99
960855	58	1700	205
960856	9	2230	25
960857	21	5360	75
960858	15	3840	60
960859	36	230	23
960860	27	190	27
960861	15	180	14
960862	54	120	52
960863	6	<20	233
960864	11	150	20
960865	22	300	60
960866	11	160	28
960867	52	120	338
960868	11	320	138
960869	9	120	198
960870	16	260	192
960871	110	2490	168
960872	85	2680	100
960873	3	70	52
960874	4	50	51
960875	25	250	126
960876	13	170	9
960877	76	120	56
960878	59	180	77
960879	4	110	80
960880	7	1160	12
960881	2	2650	<5
960882	6	680	84
960883	12	1190	80
960884	13	30	<5
960885	6	530	19
960886	10	2200	40
960887	10	190	19
960888	13	240	14
960889	8	160	9
960890	87	640	169
*Rep 960316	11	420	7
*Rep 960331	12	310	17
*Rep 960348	56	170	74
*Rep 960360	23	170	26
*Rep 960369	9	120	182
*Rep 960382	6	720	83

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Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
*Rep 960389	8	190	11
*Std MMISRM16	<1	280	17
*Std MMISRM16	<1	270	17
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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Certificate of Analysis

Work Order: TO116371

To: **COD SGS Minerals**
C/O P.O. Box 439
Whiffen Head Road
ARNOLD COVE
NF A0B 1A0

Date: Sep 16, 2011

P.O. No.	:	Escape Gold
Project No.	:	-
No. Of Samples	:	73
Date Submitted	:	Aug 31, 2011
Report Comprises	:	Pages 1 to 13 (Inclusive of Cover Sheet)

Distribution of unused material:
Return to client:

Certified By :

Lawrence Ng
Regional Business Manager (GEOCHEM)

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960891	14	38	<10	0.3	780	<1	300	3	352	21
960892	16	53	<10	0.3	870	<1	320	4	518	57
960893	21	166	140	0.3	420	<1	70	23	1850	145
960894	10	89	50	0.3	670	<1	250	17	1490	558
960895	72	96	50	0.5	390	<1	130	16	804	67
960896	13	59	<10	0.1	120	<1	170	16	97	24
960897	19	31	<10	0.2	690	<1	300	3	136	52
960898	3	185	10	<0.1	440	<1	50	7	1110	61
960899	15	208	20	0.2	1270	<1	40	13	3450	62
960900	11	46	<10	0.3	970	<1	210	5	618	9
960901	9	78	<10	0.2	870	<1	130	13	823	<5
960902	16	204	20	0.3	1520	<1	<10	55	1120	630
960903	11	138	20	0.3	940	<1	50	28	1720	189
960904	9	94	<10	<0.1	440	<1	70	103	1220	200
960905	295	117	<10	0.2	260	<1	<10	7	466	23
960906	185	142	<10	<0.1	890	<1	<10	5	1150	47
960907	102	132	30	0.3	260	<1	120	21	103	32
960908	296	190	120	0.8	50	<1	<10	15	1280	115
960909	247	51	40	23.8	<10	<1	<10	3	472	12
960910	22	277	20	0.3	90	<1	<10	28	559	79
960911	161	249	40	0.5	50	<1	<10	14	394	55
960912	34	198	30	1.2	60	<1	<10	35	489	135
960913	210	231	40	0.5	30	<1	<10	104	74	170
960914	31	179	10	0.5	30	<1	<10	10	329	446
960915	27	141	50	1.0	30	<1	<10	6	706	367
960921	20	248	20	0.2	810	<1	10	13	513	221
960922	4	135	30	0.2	1650	<1	80	5	2210	67
960923	6	114	10	<0.1	1860	<1	40	5	274	294
960924	13	46	<10	0.2	870	<1	210	19	400	202
960925	10	39	<10	0.2	860	<1	190	8	320	143
960926	10	72	20	0.2	1230	<1	140	6	1080	136
960927	67	161	<10	<0.1	400	<1	<10	16	262	157
960928	18	67	40	1.6	190	<1	210	11	118	158
961801	10	4	<10	<0.1	<10	<1	<10	<1	16	<5
961802	32	186	20	0.2	230	<1	<10	32	194	46
961803	68	221	30	0.3	40	<1	<10	98	160	169
961804	83	56	<10	0.5	50	<1	460	34	9	14
961805	8	181	50	0.3	450	<1	<10	9	115	128
961806	5	148	20	<0.1	1370	<1	50	12	5030	34
961807	13	67	20	0.2	1300	<1	180	13	1440	264
961808	17	58	<10	0.2	840	<1	240	5	489	101
961809	2	72	10	0.1	1170	<1	110	14	566	453
961810	1	110	<10	<0.1	810	<1	30	5	261	395

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Final : TO116371 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961811	5	190	30	0.1	700	<1	20	14	1400	694
961812	2	178	20	<0.1	320	<1	<10	1	372	40
961813	7	108	10	<0.1	460	<1	<10	<1	546	17
961814	8	108	<10	<0.1	500	<1	180	25	508	115
961815	7	136	40	0.1	2350	1	40	10	2190	366
961816	10	16	<10	0.1	830	<1	220	5	55	22
961817	8	57	10	0.2	980	<1	170	7	832	99
961818	6	108	<10	0.1	680	<1	120	4	438	235
961819	2	156	20	<0.1	890	<1	30	1	333	121
961820	<1	24	<10	<0.1	190	<1	270	7	63	324
961821	6	64	20	0.2	840	<1	190	30	522	428
961822	5	148	<10	<0.1	130	<1	<10	2	209	21
961823	8	200	30	0.4	60	<1	<10	4	135	24
961824	19	233	40	0.6	170	<1	<10	2	1020	29
961825	25	178	70	0.5	240	<1	<10	4	665	148
961826	6	121	40	0.2	1060	<1	120	11	2470	1310
961827	17	177	50	0.1	200	<1	30	9	1470	212
961828	1	158	10	<0.1	370	<1	<10	<1	530	20
961829	6	177	<10	<0.1	390	<1	<10	1	410	21
961830	7	239	20	0.2	300	<1	<10	3	695	50
961831	6	216	60	0.5	450	<1	<10	4	915	130
961832	17	185	100	0.6	670	1	40	8	1790	381
961833	17	176	50	0.2	700	<1	50	10	935	295
961834	36	252	40	0.3	200	<1	10	5	349	32
961835	14	191	<10	0.3	110	<1	<10	2	74	17
961836	36	232	90	0.6	320	<1	<10	12	753	210
961837	57	168	110	0.7	240	<1	40	93	484	1460
961838	70	143	60	0.5	40	<1	10	21	98	40
961839	76	27	<10	0.1	<10	<1	<10	<1	21	11
961840	40	66	<10	0.5	10	<1	<10	<1	127	11
*Rep 960897	15	46	<10	0.2	640	<1	260	4	371	85
*Rep 960909	261	54	60	30.0	<10	<1	<10	3	486	13
*Rep 960922	4	124	30	0.2	1710	<1	80	5	2160	85
*Rep 961819	<1	122	20	0.1	950	<1	30	1	256	119
*Rep 961832	11	182	90	0.5	650	1	30	7	1360	568
*Rep 961835	15	209	20	0.3	110	<1	<10	4	119	30
*Std MMISRM16	14	37	20	21.1	50	<1	180	4	13	51
*Std MMISRM16	17	42	20	25.7	50	<1	200	4	16	58
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
960891	<100	<0.5	3420	37	17.7	14.6	16	2	63	<1
960892	<100	<0.5	2170	62	32.5	20.2	20	4	93	<1
960893	<100	12.1	2890	239	92.7	133	47	22	484	1
960894	<100	1.1	3730	75	37.3	33.1	110	14	126	<1
960895	<100	4.0	3310	146	62.1	78.4	55	14	290	2
960896	<100	<0.5	1620	35	23.1	8.6	18	1	45	<1
960897	<100	<0.5	1120	33	16.4	11.3	13	2	54	1
960898	100	2.5	2350	132	65.0	47.0	106	19	203	1
960899	<100	7.1	3200	326	168	104	77	25	449	1
960900	<100	0.7	3420	79	38.6	26.9	12	4	126	3
960901	<100	4.3	2070	257	141	76.9	24	10	368	4
960902	<100	4.5	2630	116	77.0	27.5	127	13	122	<1
960903	<100	5.0	2230	252	147	73.2	99	18	336	1
960904	<100	2.3	810	196	89.7	63.6	45	13	292	<1
960905	<100	4.0	630	46	19.3	17.0	31	8	71	<1
960906	<100	8.2	600	92	37.4	31.6	32	16	138	<1
960907	<100	3.6	270	8	3.7	3.3	85	5	11	<1
960908	<100	4.9	2400	69	29.9	38.4	130	14	129	4
960909	200	1.2	530	26	12.4	14.5	323	8	46	21
960910	<100	4.8	3190	44	24.9	14.9	170	6	54	10
960911	<100	2.4	6170	41	23.1	11.0	170	6	39	1
960912	<100	1.7	5590	37	25.0	11.9	310	5	42	2
960913	<100	0.8	8020	27	21.1	3.6	153	4	14	2
960914	<100	2.3	3630	66	41.2	18.9	58	4	78	1
960915	100	1.9	3520	68	35.8	23.2	286	9	100	2
960921	100	6.5	500	36	16.0	11.6	112	12	47	<1
960922	200	2.1	1030	219	106	72.5	126	28	313	<1
960923	<100	1.2	2240	15	9.6	4.3	326	6	17	<1
960924	<100	<0.5	1610	28	15.6	9.7	37	3	42	<1
960925	<100	<0.5	1060	48	25.1	16.8	28	3	76	<1
960926	<100	0.9	1170	124	61.2	40.8	52	11	179	<1
960927	<100	5.5	840	32	15.6	11.9	69	8	47	<1
960928	<100	1.0	400	10	5.4	3.5	103	4	14	<1
961801	<100	11.4	120	<1	<0.5	<0.5	510	<1	1	<1
961802	100	3.0	930	14	7.2	3.5	184	6	14	1
961803	<100	3.5	6290	36	22.1	8.9	120	4	32	4
961804	<100	<0.5	1540	2	1.1	0.8	6	<1	4	<1
961805	<100	3.3	3210	8	5.0	2.3	236	9	8	<1
961806	<100	10.1	2300	422	214	159	48	38	648	3
961807	100	<0.5	2290	100	57.1	33.7	87	11	138	<1
961808	<100	<0.5	2650	53	30.4	16.0	32	4	72	<1
961809	<100	0.6	2850	44	27.0	13.1	187	5	55	<1
961810	<100	0.8	3670	16	10.2	4.0	275	4	17	<1

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Final : TO116371 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961811	100	3.2	3730	141	87.9	37.9	151	14	158	<1
961812	100	1.3	1880	31	20.8	9.6	246	9	33	<1
961813	100	1.7	1450	29	20.0	13.6	366	6	42	<1
961814	<100	1.1	2350	35	19.5	10.8	41	4	45	<1
961815	200	4.6	1270	106	46.6	34.6	150	22	137	1
961816	<100	<0.5	1180	34	19.2	9.7	7	<1	50	4
961817	<100	<0.5	960	105	55.3	36.7	34	7	160	<1
961818	<100	1.4	2540	49	26.7	13.0	114	5	56	<1
961819	300	1.9	2300	25	12.2	10.3	324	5	31	<1
961820	<100	<0.5	1340	3	1.5	1.0	35	<1	4	<1
961821	<100	<0.5	2400	27	15.7	9.8	108	4	38	<1
961822	<100	5.2	2050	63	41.1	10.6	129	3	45	<1
961823	<100	1.1	1490	34	27.1	6.7	160	5	25	<1
961824	100	2.9	2380	111	51.4	46.1	158	16	160	2
961825	100	4.2	1800	97	50.1	44.6	176	15	144	2
961826	100	0.8	3230	196	108	59.9	117	20	255	<1
961827	<100	1.6	6840	252	137	93.9	187	16	349	<1
961828	<100	1.1	2550	37	20.1	14.8	288	9	47	<1
961829	<100	3.9	2720	39	25.9	11.3	178	4	38	<1
961830	100	5.7	2870	111	67.0	25.0	181	7	97	<1
961831	100	3.2	5540	91	58.1	26.1	255	9	95	<1
961832	200	2.2	4900	178	89.2	59.6	220	23	244	1
961833	<100	5.4	4920	116	56.6	42.5	116	15	163	1
961834	100	13.1	3170	54	27.0	18.4	95	10	63	<1
961835	<100	4.0	4780	7	4.2	1.6	175	3	6	<1
961836	200	10.6	3080	66	32.2	26.7	179	12	90	1
961837	<100	4.9	4320	41	19.2	15.0	128	6	53	1
961838	200	1.3	1990	24	11.5	5.5	250	6	22	2
961839	<100	3.4	320	2	2.1	<0.5	215	1	2	<1
961840	200	3.1	1110	17	8.5	5.3	248	6	17	<1
*Rep 960897	<100	<0.5	1230	45	23.6	17.5	29	3	77	<1
*Rep 960909	200	0.9	580	27	13.4	14.9	341	8	48	26
*Rep 960922	200	2.2	1030	219	107	73.7	124	27	314	<1
*Rep 961819	200	1.2	1170	19	9.2	7.4	361	4	23	<1
*Rep 961832	100	2.1	5190	135	73.4	41.9	240	20	169	1
*Rep 961835	<100	5.5	4860	10	6.1	2.7	223	5	9	<1
*Std MMISRM16	<100	11.4	580	2	0.7	0.8	2	<1	3	15
*Std MMISRM16	<100	11.9	700	2	1.0	1.0	3	<1	4	13
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	1	<1	<1	<1

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
960891	<0.5	7.2	193	<5	70	940	<5	<0.5	318	699
960892	<0.5	4.9	259	7	82	4250	<5	<0.5	429	986
960893	<0.5	11.4	2060	<5	5	3130	<5	3.1	2580	228
960894	<0.5	8.5	797	<5	25	18800	8	4.4	949	820
960895	<0.5	8.5	1420	<5	11	2580	7	2.9	1870	480
960896	<0.5	8.5	76	20	50	3430	<5	<0.5	131	1110
960897	<0.5	13.1	143	21	81	3000	12	<0.5	230	414
960898	<0.5	8.5	495	<5	6	1770	<5	7.3	917	418
960899	<0.5	8.1	1400	<5	3	610	<5	4.8	2140	224
960900	<0.5	6.8	334	5	67	260	<5	<0.5	530	1150
960901	<0.5	12.7	801	<5	26	710	<5	1.2	1440	836
960902	<0.5	14.7	702	<5	5	19600	<5	6.7	662	740
960903	<0.5	10.1	1140	<5	9	12300	5	6.7	1580	393
960904	<0.5	8.0	587	<5	10	3170	<5	3.0	1220	116
960905	<0.5	4.4	160	<5	<1	180	7	1.6	333	62
960906	<0.5	6.3	504	<5	<1	840	<5	2.9	771	47
960907	<0.5	4.4	35	<5	33	660	6	2.8	50	56
960908	<0.5	4.3	571	<5	<1	1580	14	1.0	904	194
960909	0.8	3.9	177	<5	<1	130	<5	<0.5	330	66
960910	0.6	4.5	421	<5	<1	200	<5	1.6	290	435
960911	0.7	3.1	233	<5	<1	150	<5	1.8	195	282
960912	1.0	6.6	302	<5	<1	750	<5	0.8	264	595
960913	1.0	2.6	44	<5	<1	330	<5	<0.5	42	1040
960914	<0.5	3.6	150	<5	<1	6330	<5	<0.5	250	219
960915	0.7	3.0	328	<5	<1	6450	6	2.1	462	251
960921	<0.5	8.7	240	<5	1	7300	7	5.6	237	145
960922	<0.5	10.8	1240	<5	20	4530	5	12.2	1720	276
960923	<0.5	10.1	125	<5	28	2960	<5	3.9	115	798
960924	<0.5	14.7	212	5	125	13300	5	0.8	274	473
960925	<0.5	7.1	300	9	106	6520	<5	0.9	421	427
960926	<0.5	7.5	624	<5	57	8670	<5	4.1	945	403
960927	<0.5	6.3	93	<5	<1	3930	<5	3.0	183	120
960928	<0.5	5.2	29	<5	41	3900	9	1.8	49	205
961801	<0.5	1.0	6	<5	<1	<10	<5	<0.5	11	13
961802	0.6	8.0	116	<5	<1	220	6	0.7	78	195
961803	0.6	8.1	75	<5	<1	8250	17	<0.5	80	407
961804	<0.5	0.8	5	<5	132	3850	<5	<0.5	11	487
961805	<0.5	8.4	41	<5	2	490	<5	6.2	43	311
961806	<0.5	13.6	3080	<5	9	2290	8	3.7	4230	162
961807	<0.5	18.7	819	20	86	22000	8	3.8	973	1890
961808	<0.5	16.5	322	8	121	11000	7	0.8	401	740
961809	<0.5	20.7	286	13	66	32500	6	2.9	347	1230
961810	<0.5	17.0	133	<5	25	4710	<5	3.9	109	971

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Final : TO116371 Order: Escape Gold

Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
961811	<0.5	21.4	588	<5	4	34000	7	7.8	824	573
961812	<0.5	10.4	141	<5	1	310	<5	8.8	208	129
961813	<0.5	8.2	210	<5	4	230	<5	6.3	357	104
961814	<0.5	17.4	248	<5	35	17400	<5	1.2	273	1780
961815	<0.5	16.2	1170	<5	12	32100	8	13.2	981	268
961816	<0.5	29.5	84	43	139	1040	23	<0.5	162	221
961817	<0.5	18.8	617	8	81	8830	11	1.7	924	509
961818	<0.5	6.0	172	<5	60	7450	<5	2.9	261	805
961819	<0.5	9.1	113	<5	13	150	<5	14.2	201	1130
961820	<0.5	8.5	26	11	148	17900	<5	<0.5	30	799
961821	<0.5	24.2	303	19	95	32800	6	1.8	330	1330
961822	<0.5	9.9	66	<5	2	340	<5	1.2	155	163
961823	<0.5	7.0	55	<5	<1	320	<5	3.9	90	104
961824	<0.5	12.6	327	<5	1	700	<5	8.5	835	92
961825	<0.5	6.1	203	<5	2	2360	6	11.1	728	107
961826	<0.5	14.3	1190	<5	23	55500	8	8.3	1550	1650
961827	<0.5	10.7	434	<5	6	2560	6	8.1	1610	445
961828	<0.5	13.2	197	<5	2	190	<5	6.6	334	103
961829	<0.5	11.0	160	<5	1	50	<5	3.7	234	142
961830	<0.5	7.9	297	<5	<1	1040	<5	4.4	452	209
961831	<0.5	11.6	403	<5	1	2030	6	7.4	519	228
961832	<0.5	8.2	724	<5	4	11200	13	14.0	1190	436
961833	<0.5	7.4	346	<5	7	10200	6	8.0	718	418
961834	<0.5	6.0	96	<5	2	2200	11	5.8	249	112
961835	<0.5	3.5	32	<5	<1	30	<5	1.8	30	122
961836	<0.5	3.1	170	<5	<1	4100	7	9.1	421	126
961837	<0.5	4.3	120	<5	4	51100	5	2.4	196	898
961838	0.6	6.0	48	<5	2	1830	7	3.0	61	158
961839	<0.5	3.2	10	<5	<1	<10	<5	<0.5	11	38
961840	1.9	2.1	50	<5	<1	100	<5	1.3	74	32
*Rep 960897	<0.5	11.3	327	15	63	6550	8	0.7	461	634
*Rep 960909	0.9	3.8	193	<5	<1	140	<5	<0.5	337	72
*Rep 960922	<0.5	10.7	1250	<5	20	5900	6	12.7	1750	240
*Rep 961819	<0.5	11.9	95	<5	12	440	<5	12.8	147	955
*Rep 961832	<0.5	9.2	561	<5	3	15900	11	13.7	842	427
*Rep 961835	<0.5	3.9	53	<5	<1	70	<5	2.9	49	161
*Std MMISRM16	<0.5	32.1	3	<5	23	80	44	<0.5	12	217
*Std MMISRM16	<0.5	37.1	4	<5	27	110	52	<0.5	14	273
*Blk BLANK	<0.5	<0.1	<1	<5	<1	10	<5	<0.5	<1	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960891	0.4	10	<1	70	<1	33	<1	15	66	<1
960892	0.3	30	<1	96	<1	43	<1	23	92	<1
960893	3.8	190	<1	646	<1	183	<1	309	558	<1
960894	2.5	90	<1	248	<1	91	<1	76	160	<1
960895	2.3	110	<1	436	<1	139	<1	120	348	<1
960896	0.3	20	<1	27	<1	53	<1	47	35	<1
960897	0.4	20	<1	49	<1	27	<1	11	49	<1
960898	2.8	380	<1	199	<1	137	<1	94	208	1
960899	2.9	670	<1	508	<1	234	<1	160	462	<1
960900	0.4	30	<1	115	<1	67	<1	20	116	<1
960901	1.0	80	<1	316	<1	189	<1	116	332	<1
960902	4.5	140	<1	182	<1	241	<1	127	123	<1
960903	4.0	320	<1	367	<1	210	<1	178	325	<1
960904	1.9	590	<1	259	<1	179	<1	98	290	<1
960905	0.8	360	<1	73	<1	116	<1	61	77	<1
960906	2.3	220	<1	193	<1	198	<1	77	156	<1
960907	1.0	240	<1	12	<1	101	<1	25	12	<1
960908	6.9	1880	<1	226	<1	61	2	151	165	<1
960909	3.3	6210	1	81	<1	18	3	70	70	1
960910	15.9	1950	<1	81	<1	41	1	95	56	<1
960911	5.1	7290	<1	54	<1	32	<1	113	41	<1
960912	6.1	2010	<1	74	<1	11	1	128	51	<1
960913	5.9	7610	<1	10	<1	14	<1	103	11	<1
960914	4.8	940	<1	55	<1	26	<1	213	64	<1
960915	4.5	1180	1	111	<1	16	2	160	101	<1
960921	3.4	390	<1	62	<1	193	<1	60	51	<1
960922	5.7	300	<1	434	<1	110	1	202	354	1
960923	5.2	40	<1	33	<1	137	<1	54	21	<1
960924	0.5	60	<1	68	<1	35	<1	22	48	<1
960925	0.8	40	<1	99	<1	54	<1	29	81	<1
960926	2.1	130	<1	228	<1	85	<1	89	192	<1
960927	1.7	330	<1	38	<1	170	<1	68	48	<1
960928	0.9	160	<1	11	<1	27	1	14	13	<1
961801	6.5	<10	<1	3	<1	9	<1	20	2	<1
961802	14.2	820	<1	23	<1	46	<1	33	15	<1
961803	15.9	1200	<1	20	<1	54	2	88	22	<1
961804	<0.1	10	<1	2	<1	7	<1	<5	3	<1
961805	2.9	100	<1	12	<1	86	<1	41	9	<1
961806	4.0	210	<1	1090	<1	312	<1	175	763	<1
961807	1.8	90	<1	253	<1	46	<1	118	163	<1
961808	0.4	60	<1	99	<1	52	<1	39	74	<1
961809	1.7	60	<1	90	<1	65	<1	70	64	<1
961810	5.3	20	<1	31	<1	120	<1	39	19	<1

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Final : TO116371 Order: Escape Gold

Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961811	5.8	200	<1	212	<1	190	1	200	171	<1
961812	6.1	220	<1	53	<1	146	<1	168	44	1
961813	4.9	40	<1	88	<1	183	<1	112	68	<1
961814	0.6	80	<1	71	<1	116	<1	38	49	<1
961815	7.8	180	<1	293	<1	150	2	114	172	2
961816	0.6	30	<1	32	<1	14	<1	10	39	<1
961817	1.4	50	<1	219	<1	41	<1	47	177	<1
961818	0.9	210	<1	62	<1	94	<1	52	58	<1
961819	8.1	50	<1	51	<1	125	<1	120	45	<1
961820	0.4	20	<1	8	<1	21	<1	<5	5	<1
961821	0.5	60	<1	89	<1	34	<1	42	51	<1
961822	0.9	750	<1	35	<1	167	<1	55	41	<1
961823	3.2	690	<1	21	<1	94	1	302	24	<1
961824	7.1	1080	<1	186	<1	163	1	252	188	1
961825	5.5	1060	<1	142	<1	109	2	272	189	1
961826	4.3	120	<1	380	<1	80	1	184	285	<1
961827	4.6	1470	<1	300	<1	127	1	231	417	<1
961828	5.2	40	<1	85	<1	128	<1	125	71	<1
961829	3.2	190	<1	60	<1	157	<1	135	50	<1
961830	5.6	510	<1	113	<1	159	<1	118	99	<1
961831	7.2	420	<1	136	<1	138	2	140	111	<1
961832	7.4	1040	<1	285	<1	130	3	178	260	2
961833	4.4	530	<1	161	<1	184	1	250	176	<1
961834	3.5	870	<1	52	<1	173	<1	207	69	<1
961835	3.1	40	<1	8	<1	62	<1	36	6	<1
961836	6.6	970	1	93	<1	117	1	235	106	<1
961837	3.4	90	<1	46	<1	82	<1	154	53	<1
961838	8.4	680	<1	15	<1	40	2	43	17	<1
961839	1.3	30	<1	3	<1	15	<1	87	2	<1
961840	4.2	490	1	20	<1	32	<1	66	18	<1
*Rep 960897	0.9	20	<1	107	<1	39	<1	19	84	<1
*Rep 960909	3.8	7060	<1	84	<1	18	5	68	71	<1
*Rep 960922	5.7	290	<1	440	<1	110	1	201	362	1
*Rep 961819	6.9	50	<1	38	<1	112	<1	86	32	<1
*Rep 961832	7.3	840	<1	209	<1	133	3	175	183	2
*Rep 961835	5.1	90	<1	14	<1	66	<1	49	10	<1
*Std MMISRM16	0.3	60	22	2	<1	273	<1	6	3	<1
*Std MMISRM16	0.4	70	24	3	<1	300	<1	8	4	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Final : TO1116371 Order: Escape Gold

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
960891	770	<1	8	<10	103	12	<0.5	52	<1	201
960892	910	<1	12	<10	102	3	<0.5	64	<1	355
960893	100	<1	55	<10	128	981	0.6	71	1	1010
960894	260	<1	16	<10	135	947	<0.5	70	<1	404
960895	170	<1	33	<10	112	749	<0.5	81	<1	688
960896	300	<1	6	<10	16.9	12	<0.5	110	<1	301
960897	810	<1	6	<10	40.9	<3	<0.5	51	<1	186
960898	100	<1	26	<10	142	2230	<0.5	611	1	660
960899	130	<1	61	<10	191	1300	1.2	125	1	1770
960900	750	<1	15	<10	93.7	26	<0.5	98	<1	469
960901	300	<1	48	<10	69.6	286	<0.5	132	<1	1390
960902	100	<1	19	<10	114	1680	0.6	84	1	743
960903	140	<1	46	<10	126	1710	0.7	113	1	1440
960904	90	<1	39	<10	54.0	915	<0.5	56	<1	857
960905	10	<1	9	<10	48.9	517	0.5	45	<1	217
960906	60	<1	19	<10	69.7	907	1.0	21	<1	443
960907	40	<1	2	<10	46.6	849	0.6	16	<1	35
960908	<10	<1	15	<10	28.7	622	0.6	133	<1	303
960909	<10	<1	6	<10	40.6	53	0.6	163	<1	87
960910	<10	<1	8	<10	40.1	326	1.4	246	<1	249
960911	<10	<1	7	<10	19.1	448	<0.5	171	<1	180
960912	<10	<1	7	<10	53.8	312	<0.5	350	<1	191
960913	<10	<1	3	<10	16.3	229	<0.5	49	<1	136
960914	<10	<1	11	<10	45.9	134	<0.5	122	<1	429
960915	<10	<1	13	<10	93.0	772	<0.5	253	<1	311
960921	50	<1	7	<10	91.5	1610	0.7	28	<1	170
960922	230	1	43	<10	164	3450	0.6	66	2	1050
960923	190	<1	3	<10	78.8	786	0.7	37	<1	74
960924	460	<1	5	<10	64.8	137	<0.5	40	<1	167
960925	620	<1	9	<10	64.8	121	<0.5	46	<1	284
960926	350	<1	24	<10	83.2	1060	<0.5	60	<1	599
960927	30	<1	6	<10	49.9	961	<0.5	50	<1	163
960928	120	<1	2	<10	26.1	534	<0.5	25	<1	50
961801	<10	<1	<1	<10	110	20	<0.5	47	<1	<5
961802	<10	<1	2	<10	49.2	234	<0.5	91	<1	51
961803	<10	<1	6	<10	56.6	119	0.9	695	<1	215
961804	560	<1	<1	<10	4.1	<3	<0.5	61	<1	16
961805	20	<1	1	<10	83.3	2130	0.6	99	<1	35
961806	100	<1	83	<10	58.2	878	1.2	100	1	1480
961807	580	<1	19	<10	162	574	<0.5	103	<1	591
961808	580	<1	10	<10	107	113	<0.5	100	<1	320
961809	370	<1	8	<10	127	430	<0.5	87	<1	260
961810	160	<1	3	<10	72.6	552	<0.5	35	<1	91

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Final : TO116371 Order: Escape Gold

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961811	30	<1	24	<10	261	1540	0.7	163	1	695
961812	<10	<1	5	<10	168	1740	0.6	159	<1	115
961813	20	<1	5	<10	126	711	1.3	61	<1	111
961814	120	<1	6	<10	76.0	213	<0.5	70	<1	206
961815	130	1	21	<10	239	3000	1.2	48	2	489
961816	830	<1	6	<10	16.4	17	<0.5	56	<1	175
961817	580	<1	20	<10	99.4	265	<0.5	80	<1	586
961818	170	<1	8	<10	97.9	376	0.6	60	<1	270
961819	90	<1	5	<10	208	1270	1.6	130	<1	75
961820	240	<1	<1	<10	16.4	22	<0.5	12	<1	16
961821	220	<1	5	<10	98.8	201	0.5	38	<1	164
961822	<10	<1	9	<10	73.5	223	1.1	142	<1	240
961823	<10	<1	5	<10	146	1550	0.6	102	<1	174
961824	<10	<1	22	<10	172	3780	0.6	170	<1	414
961825	10	<1	19	<10	134	5320	0.6	99	1	388
961826	210	<1	36	<10	130	2180	0.5	85	1	987
961827	30	<1	46	<10	124	2650	0.9	131	1	947
961828	10	<1	7	<10	122	1350	0.7	128	<1	119
961829	<10	<1	6	<10	86.0	540	0.8	163	<1	152
961830	10	<1	17	<10	92.1	710	1.6	155	<1	459
961831	<10	<1	15	<10	158	1770	0.8	119	<1	365
961832	50	1	34	<10	248	4410	0.6	145	2	769
961833	70	<1	23	<10	163	2360	1.1	190	1	522
961834	<10	<1	10	<10	149	1880	1.8	106	<1	206
961835	<10	<1	1	<10	29.9	674	<0.5	89	<1	28
961836	<10	<1	13	<10	140	4620	0.9	150	<1	232
961837	20	<1	8	<10	63.7	1090	0.5	135	<1	166
961838	<10	<1	4	<10	46.4	2330	<0.5	517	1	103
961839	<10	<1	<1	<10	26.9	22	<0.5	132	<1	6
961840	<10	<1	3	<10	70.4	661	<0.5	256	<1	54
*Rep 960897	680	<1	9	<10	92.1	78	<0.5	62	<1	271
*Rep 960909	<10	<1	6	<10	39.9	58	0.7	182	<1	94
*Rep 960922	240	1	43	<10	161	3500	0.5	67	2	1050
*Rep 961819	80	<1	3	<10	170	1440	1.0	88	<1	60
*Rep 961832	50	1	25	<10	236	4320	0.6	141	2	594
*Rep 961835	<10	<1	2	<10	47.2	1170	<0.5	96	<1	44
*Std MMISRM16	360	<1	<1	<10	16.8	<3	<0.5	48	<1	8
*Std MMISRM16	400	<1	<1	<10	18.4	25	<0.5	50	<1	10
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5

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Final : TO116371 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
960891	14	90	37
960892	26	200	31
960893	70	360	143
960894	32	410	193
960895	49	690	183
960896	20	410	21
960897	13	170	19
960898	50	100	177
960899	127	400	308
960900	29	1420	36
960901	109	3770	87
960902	65	3100	202
960903	119	1980	218
960904	63	1510	75
960905	13	90	55
960906	24	90	74
960907	3	110	66
960908	28	530	227
960909	13	280	373
960910	24	610	421
960911	20	570	154
960912	27	1450	236
960913	17	5250	74
960914	37	410	214
960915	33	270	514
960921	11	270	131
960922	84	440	212
960923	9	220	144
960924	13	790	45
960925	20	270	28
960926	48	510	88
960927	12	270	60
960928	5	140	57
961801	<1	<20	184
961802	6	750	268
961803	22	1370	420
961804	<1	120	<5
961805	5	360	144
961806	187	2550	130
961807	51	750	173
961808	26	270	89
961809	25	320	206
961810	10	130	129

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Final : TO116371 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
961811	81	1030	443
961812	24	310	253
961813	28	50	203
961814	17	1160	110
961815	35	440	322
961816	16	330	10
961817	46	300	61
961818	23	220	122
961819	12	470	147
961820	1	60	12
961821	15	640	132
961822	40	750	96
961823	29	250	214
961824	42	240	322
961825	50	340	232
961826	93	1840	191
961827	130	1350	151
961828	22	60	198
961829	26	190	124
961830	62	640	141
961831	58	610	266
961832	74	1040	412
961833	47	1830	176
961834	24	660	187
961835	4	90	38
961836	30	450	261
961837	17	2400	137
961838	10	820	186
961839	6	60	62
961840	9	90	605
*Rep 960897	20	170	49
*Rep 960909	14	340	397
*Rep 960922	84	420	202
*Rep 961819	9	350	139
*Rep 961832	62	1010	404
*Rep 961835	6	140	64
*Std MMISRM16	<1	250	15
*Std MMISRM16	<1	310	16
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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Certificate of Analysis

Work Order: TO116372

To: **COD SGS Minerals**
C/O P.O. Box 439
Whiffen Head Road
ARNOLD COVE
NF A0B 1A0

Date: Sep 16, 2011

P.O. No.	:	Escape Gold
Project No.	:	-
No. Of Samples	:	81
Date Submitted	:	Aug 31, 2011
Report Comprises	:	Pages 1 to 19 (Inclusive of Cover Sheet)

Distribution of unused material:
Return to client:

Certified By : _____
Lawrence Ng
Regional Business Manager (GEOCHEM)

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:
L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961841	114	145	270	1.6	100	<1	20	7	203	97
961842	12	4	<10	0.1	<10	<1	100	3	<5	74
961843	10	183	30	0.2	1300	<1	70	9	778	177
961844	10	136	20	0.2	1560	1	70	5	1100	339
961845	3	156	30	0.1	1490	1	30	2	1820	88
961846	5	245	20	0.2	1450	<1	20	2	1780	58
961847	5	197	20	0.2	1170	1	20	3	1120	289
961848	3	206	20	<0.1	600	<1	30	4	153	49
961849	7	255	<10	<0.1	700	<1	<10	3	319	39
961850	5	123	<10	<0.1	270	<1	20	<1	24	19
961851	5	173	30	0.2	2040	1	30	2	1870	161
961852	5	220	20	0.1	1150	<1	10	2	1240	137
961853	12	21	<10	0.2	940	<1	210	1	124	<5
961854	4	161	40	0.2	2040	1	30	3	2250	215
961855	6	108	30	0.1	1550	1	70	4	882	436
961856	1	130	20	0.1	1740	1	20	3	532	497
961857	7	167	20	0.2	1230	1	70	4	1580	211
961858	4	148	10	0.2	1630	1	30	4	621	663
961859	2	125	<10	0.1	1220	<1	50	4	426	724
961860 A	14	244	20	<0.1	340	<1	<10	1	870	57
961861	9	185	<10	0.1	310	<1	<10	2	393	19
961862	20	212	<10	0.2	280	<1	<10	3	527	12
961863	6	205	20	0.1	790	<1	<10	1	944	27
961864	29	226	30	0.2	220	<1	<10	4	883	38
961865	44	137	90	1.5	170	2	<10	2	1070	30
961866	17	129	40	0.2	1060	<1	10	2	970	98
961867	14	181	10	<0.1	130	<1	<10	2	347	30
961868	13	188	30	0.2	270	1	10	2	702	39
961869	29	174	40	0.5	200	<1	<10	<1	899	51
961870	3	41	<10	<0.1	<10	<1	30	11	39	37
961871	3	16	<10	<0.1	40	<1	70	27	23	120
961872	4	77	<10	<0.1	630	<1	50	19	129	177
961873	22	191	<10	0.2	330	<1	30	19	38	42
961874	2	11	<10	<0.1	20	<1	350	28	<5	<5
961875	20	11	<10	0.5	20	<1	310	21	<5	6
961876	3	87	<10	0.2	1010	<1	130	3	1110	12
961877	6	214	10	0.1	820	<1	10	8	356	117
961878	8	125	<10	0.1	1000	<1	<10	2	160	102
961879	6	113	60	0.2	590	2	30	11	296	291
961880	5	144	30	<0.1	470	2	20	10	333	119
961881	9	159	20	0.1	510	<1	10	22	148	1310
961882	9	168	<10	<0.1	1130	<1	20	15	174	343
961883	11	179	10	0.1	930	<1	<10	11	322	390

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Final : TO116372 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961884	10	220	10	0.1	650	<1	<10	7	205	73
961885	10	245	<10	0.1	230	<1	<10	11	341	58
961886	14	17	<10	<0.1	910	<1	230	12	37	6
961887	48	202	10	0.1	310	<1	<10	4	641	24
961888	57	199	40	0.3	610	1	30	4	581	109
961889	27	5	20	0.9	10	1	<10	<1	16	<5
961890	3	123	<10	0.1	200	<1	<10	<1	383	56
961891	7	163	20	0.1	800	<1	<10	<1	531	33
961892	18	19	<10	0.1	680	<1	240	6	49	141
961893	9	206	10	0.1	1060	<1	<10	13	250	215
961894	3	98	20	0.2	1570	<1	100	6	1430	132
961895	5	174	30	0.2	1810	1	40	4	1980	50
961896	9	129	30	<0.1	1950	1	50	4	1860	214
961897	6	134	20	<0.1	1140	<1	40	8	575	453
961898	8	47	<10	0.2	950	<1	160	5	398	66
961899	33	49	<10	0.2	1800	<1	170	2	465	<5
961900	36	152	<10	<0.1	60	<1	<10	6	53	26
961901	19	226	20	0.2	1070	<1	20	3	1070	77
961902	20	195	<10	<0.1	170	<1	70	9	213	90
961903	7	69	<10	0.1	1140	<1	120	2	706	42
961904	4	148	<10	<0.1	300	<1	<10	3	684	48
961905	9	213	50	0.1	930	1	20	5	3390	75
961906	4	122	20	<0.1	390	<1	20	1	1240	56
961907	7	120	20	<0.1	1300	<1	100	5	582	29
961908	8	215	<10	<0.1	270	<1	<10	4	290	114
961909	8	158	10	<0.1	420	<1	30	3	823	73
961910	5	9	<10	<0.1	50	<1	80	35	86	28
961911	8	280	40	0.2	1060	2	<10	3	807	50
961912	1	202	<10	<0.1	20	<1	<10	<1	351	35
961913	<1	29	<10	<0.1	30	<1	<10	<1	374	12
961914	14	56	<10	<0.1	30	<1	<10	<1	188	17
961915	21	204	<10	0.2	140	<1	<10	1	306	34
961916	10	26	<10	<0.1	<10	<1	<10	2	27	12
961917	28	257	10	0.2	100	<1	<10	4	174	34
961918	23	200	20	0.1	210	<1	<10	7	67	57
961919	38	242	20	0.2	120	<1	<10	5	174	46
961920	40	231	40	<0.1	130	<1	<10	6	118	42
961860 B	3	203	10	0.1	770	<1	20	10	462	373
*Rep 961844	10	149	20	0.2	1620	1	70	5	906	225
*Rep 961859	2	117	10	<0.1	1230	<1	60	4	403	411
*Rep 961871	4	14	<10	<0.1	40	<1	80	33	17	77
*Rep 961892	17	23	<10	0.3	730	<1	220	7	91	270
*Rep 961900	36	171	<10	<0.1	70	<1	<10	7	90	27

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 961915	21	201	<10	0.3	120	<1	<10	1	265	37
*Rep 961920	49	236	30	<0.1	110	<1	<10	6	110	38
*Std MMISRM16	14	40	20	20.9	50	<1	150	4	15	53
*Std MMISRM16	15	41	10	20.2	40	<1	150	3	15	52
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Final : TO116372 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961841	100	2.7	850	23	11.1	10.2	212	8	34	3
961842	<100	1.5	4290	<1	<0.5	<0.5	11	<1	<1	<1
961843	200	2.0	2050	120	65.2	30.5	155	18	136	<1
961844	200	2.8	1060	168	87.5	51.2	147	21	224	2
961845	200	4.2	900	183	87.3	64.2	134	31	259	1
961846	300	8.1	810	105	42.4	38.3	149	28	148	2
961847	300	4.7	1080	101	50.3	30.1	196	22	125	1
961848	200	2.7	260	10	5.0	3.2	258	9	12	<1
961849	200	6.1	560	35	19.5	7.3	165	18	31	<1
961850	<100	<0.5	820	1	1.1	<0.5	225	6	1	<1
961851	300	4.2	1070	151	75.3	49.4	240	31	202	1
961852	300	4.7	920	100	49.9	31.8	184	22	132	1
961853	<100	<0.5	990	46	23.2	14.0	10	2	71	6
961854	200	5.1	1160	242	122	82.4	155	35	344	2
961855	200	0.6	1460	79	44.8	23.6	263	15	98	1
961856	200	0.9	1770	33	18.9	9.0	345	13	38	<1
961857	200	1.0	1390	188	97.8	55.5	120	24	248	<1
961858	200	1.2	2240	50	31.3	12.4	238	10	52	1
961859	100	1.5	2130	40	25.8	9.8	212	9	42	<1
961860 A	300	11.4	1940	123	62.2	53.0	172	18	177	<1
961861	300	6.1	1610	49	32.8	13.3	195	9	44	<1
961862	300	5.4	3050	106	72.0	28.6	112	9	90	<1
961863	300	6.9	2770	81	43.3	30.7	243	14	103	<1
961864	100	2.0	1100	167	84.0	53.4	165	19	208	1
961865	100	2.2	1170	110	54.3	51.7	244	20	179	2
961866	<100	4.3	1420	107	55.8	44.4	156	18	150	2
961867	<100	4.4	3880	32	22.7	9.4	159	8	32	<1
961868	200	5.0	4050	165	82.4	57.1	165	18	206	<1
961869	100	3.7	1710	97	44.2	52.6	179	19	158	2
961870	<100	11.3	700	20	13.4	3.0	44	2	14	<1
961871	<100	5.2	980	4	3.5	0.8	43	2	4	<1
961872	<100	<0.5	600	8	4.4	2.3	371	5	9	<1
961873	100	2.7	530	5	2.8	1.2	211	5	5	1
961874	<100	<0.5	30	<1	<0.5	<0.5	13	<1	<1	<1
961875	<100	0.6	90	<1	<0.5	<0.5	10	<1	1	<1
961876	<100	<0.5	1040	156	76.4	51.0	48	12	225	1
961877	<100	4.5	1140	100	53.8	18.4	123	15	88	<1
961878	100	2.7	1390	10	5.9	2.7	316	6	10	<1
961879	300	1.7	360	24	12.9	7.0	227	21	29	<1
961880	300	1.3	420	27	14.0	7.7	197	21	32	<1
961881	100	0.8	800	11	6.8	2.8	275	12	11	<1
961882	<100	0.6	780	26	16.2	3.9	182	6	17	<1
961883	200	1.5	1170	26	15.9	5.8	236	8	24	1

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Final : TO116372 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961884	100	2.7	780	17	10.8	4.0	192	11	16	<1
961885	<100	3.3	1300	71	40.3	12.5	103	13	59	<1
961886	<100	<0.5	1360	34	19.9	8.4	7	1	48	12
961887	<100	5.1	2610	130	55.8	42.2	105	14	152	1
961888	100	3.9	1980	109	55.3	37.3	153	22	137	1
961889	200	8.1	320	1	0.8	0.7	430	3	2	<1
961890	100	1.0	3640	24	16.3	8.7	289	9	29	<1
961891	100	4.8	1640	31	21.6	12.6	292	12	40	<1
961892	<100	<0.5	1600	29	17.6	7.4	10	2	39	3
961893	100	2.4	1420	22	17.0	4.4	217	12	18	<1
961894	<100	3.1	1160	238	118	76.3	94	21	337	1
961895	200	5.6	1060	214	105	73.8	136	32	303	2
961896	100	3.5	1200	182	88.9	65.6	117	25	249	2
961897	100	<0.5	1320	70	42.2	17.3	262	12	75	<1
961898	<100	<0.5	1220	82	42.3	28.8	14	5	130	2
961899	<100	1.2	1200	92	44.8	31.8	9	4	144	3
961900	<100	3.2	1890	25	16.9	3.1	104	6	14	<1
961901	100	9.1	1540	177	82.0	55.9	104	21	232	3
961902	<100	8.1	310	19	9.2	9.0	143	11	28	<1
961903	<100	1.7	980	121	57.5	42.9	22	7	182	2
961904	<100	2.1	1510	62	37.6	13.6	214	6	61	<1
961905	200	3.4	1130	345	177	130	174	41	516	2
961906	100	3.0	670	110	44.4	41.3	82	15	166	<1
961907	<100	9.8	1680	59	25.2	18.9	64	9	73	2
961908	<100	5.3	1440	95	61.7	10.7	98	5	53	<1
961909	100	6.8	620	51	20.9	20.3	86	12	80	<1
961910	<100	1.7	220	3	1.4	2.2	247	1	8	<1
961911	300	6.1	3370	86	47.4	25.9	263	24	92	1
961912	<100	<0.5	3180	29	21.5	7.2	56	3	31	<1
961913	<100	<0.5	980	19	9.9	8.5	398	3	28	<1
961914	100	4.2	420	9	6.8	5.2	424	3	14	<1
961915	100	1.9	1100	15	7.9	6.7	254	11	20	<1
961916	<100	18.7	150	4	2.7	2.1	128	7	6	<1
961917	100	2.3	360	16	8.0	5.1	195	12	18	<1
961918	200	2.6	680	8	4.2	2.0	366	9	8	2
961919	100	8.1	500	18	10.3	6.5	208	17	23	2
961920	200	1.2	700	13	7.4	3.7	269	14	14	2
961860 B	<100	4.1	2240	39	26.1	8.7	213	6	36	<1
*Rep 961844	200	2.9	1300	127	72.6	35.3	192	20	157	1
*Rep 961859	<100	1.1	1770	38	22.5	9.5	224	8	41	<1
*Rep 961871	<100	5.7	490	4	3.6	0.6	34	2	3	<1
*Rep 961892	<100	<0.5	1690	25	15.0	7.2	13	2	35	2
*Rep 961900	<100	2.9	1490	57	31.3	9.5	96	10	45	<1

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 961915	100	1.8	1020	14	7.3	6.0	239	10	19	<1
*Rep 961920	200	1.0	670	13	7.4	3.5	259	14	14	1
*Std MMISRM16	<100	11.0	670	2	1.0	1.0	3	<1	4	21
*Std MMISRM16	<100	10.8	610	2	1.0	1.0	2	<1	4	23
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	2	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	3	<1	<1	<1

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
961841	<0.5	3.1	81	<5	1	610	10	3.9	156	194
961842	<0.5	2.7	<1	<5	31	3480	<5	<0.5	<1	1860
961843	<0.5	8.5	320	<5	14	6140	<5	8.9	565	418
961844	<0.5	5.4	591	<5	17	7560	5	10.5	1080	319
961845	<0.5	4.9	1070	<5	6	5800	5	14.8	1620	93
961846	<0.5	5.0	862	<5	2	2690	<5	12.6	966	67
961847	<0.5	9.9	502	<5	4	17000	5	12.8	687	122
961848	<0.5	3.0	69	<5	7	500	<5	9.0	67	138
961849	<0.5	3.6	131	<5	2	680	<5	11.8	152	136
961850	<0.5	2.6	12	<5	7	50	<5	3.2	9	128
961851	<0.5	5.4	999	<5	7	10700	7	17.2	1290	129
961852	<0.5	6.8	593	<5	2	6830	6	12.2	743	59
961853	<0.5	11.2	88	10	116	140	5	<0.5	214	285
961854	<0.5	8.9	1300	<5	6	14500	9	19.9	2060	127
961855	<0.5	9.1	509	<5	30	26000	8	10.9	625	511
961856	<0.5	18.7	244	<5	16	8020	<5	11.6	244	397
961857	<0.5	6.7	716	<5	15	7190	5	10.4	1210	755
961858	<0.5	8.1	296	<5	11	15000	7	7.1	307	550
961859	<0.5	10.6	215	<5	18	30100	5	4.0	238	1190
961860 A	<0.5	9.6	303	<5	<1	2610	6	9.2	847	52
961861	<0.5	7.5	131	<5	1	140	7	10.8	254	116
961862	<0.5	10.3	139	<5	<1	230	<5	7.0	458	77
961863	<0.5	11.4	374	<5	1	290	6	20.6	696	113
961864	<0.5	10.5	306	<5	1	710	<5	9.0	880	92
961865	<0.5	5.1	341	<5	<1	580	12	15.6	1090	66
961866	<0.5	7.7	365	<5	2	2960	7	16.3	936	69
961867	<0.5	6.7	132	<5	<1	50	<5	3.8	209	338
961868	<0.5	7.1	186	<5	2	410	9	9.1	777	201
961869	<0.5	7.9	250	<5	<1	2720	8	9.6	944	34
961870	<0.5	5.2	20	13	9	10500	<5	<0.5	41	195
961871	<0.5	10.9	17	20	34	18100	<5	<0.5	17	2080
961872	<0.5	18.1	42	8	27	6900	<5	5.0	52	256
961873	<0.5	8.9	14	<5	13	420	<5	3.2	19	107
961874	<0.5	1.8	<1	<5	196	1790	<5	<0.5	<1	<5
961875	<0.5	4.4	<1	<5	173	2120	<5	<0.5	2	164
961876	<0.5	7.4	630	<5	54	940	<5	3.4	1120	388
961877	<0.5	9.8	151	<5	10	5090	<5	5.4	304	449
961878	<0.5	7.5	75	<5	9	800	<5	7.1	70	340
961879	<0.5	14.7	118	<5	22	10500	18	10.8	166	114
961880	<0.5	11.5	135	<5	11	3290	16	9.4	179	100
961881	<0.5	10.7	60	<5	14	14300	6	5.1	62	312
961882	<0.5	5.0	82	<5	30	3770	<5	3.3	84	358
961883	<0.5	9.8	145	<5	6	7170	<5	6.2	141	251

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
961884	<0.5	8.9	101	<5	3	960	<5	7.6	97	194
961885	<0.5	4.8	135	<5	<1	740	<5	5.2	218	209
961886	<0.5	29.0	54	33	167	510	28	<0.5	118	445
961887	<0.5	7.7	184	<5	1	430	<5	5.1	622	103
961888	<0.5	7.1	156	<5	12	4840	7	12.7	549	63
961889	<0.5	4.3	5	<5	2	50	8	2.1	11	<5
961890	<0.5	8.9	156	<5	2	180	<5	8.9	210	735
961891	<0.5	10.9	193	<5	2	200	<5	12.8	321	132
961892	<0.5	20.8	64	27	166	6410	18	<0.5	123	316
961893	<0.5	12.5	106	<5	7	2350	<5	7.5	103	536
961894	<0.5	9.6	1080	<5	30	7780	6	10.3	1760	197
961895	<0.5	9.8	1090	<5	8	3400	8	16.1	1820	116
961896	<0.5	9.5	944	<5	15	15300	7	13.5	1510	151
961897	<0.5	11.9	293	<5	34	18800	<5	9.2	392	529
961898	<0.5	14.9	298	<5	81	3630	<5	<0.5	583	279
961899	<0.5	10.0	247	<5	69	110	<5	<0.5	574	139
961900	<0.5	4.0	21	<5	<1	260	<5	2.9	39	76
961901	<0.5	10.4	426	<5	3	4180	6	10.3	1020	61
961902	<0.5	6.7	83	<5	13	1200	<5	9.6	145	234
961903	<0.5	11.7	463	<5	45	2230	6	1.7	875	106
961904	<0.5	4.2	436	<5	1	140	<5	3.3	357	182
961905	<0.5	9.0	1750	<5	4	3710	8	16.9	3380	211
961906	<0.5	4.7	487	<5	<1	1100	10	7.6	938	27
961907	<0.5	11.2	235	<5	8	2070	<5	7.4	359	114
961908	<0.5	5.1	157	<5	<1	2050	<5	1.4	171	239
961909	<0.5	7.5	389	<5	1	2800	<5	6.1	487	64
961910	<0.5	2.3	37	<5	19	1090	<5	<0.5	61	3700
961911	0.6	8.1	310	<5	2	2080	10	24.2	488	138
961912	<0.5	6.1	212	<5	<1	60	<5	<0.5	171	39
961913	<0.5	3.8	176	<5	2	50	<5	<0.5	205	25
961914	<0.5	4.3	72	<5	1	30	<5	3.4	118	40
961915	<0.5	6.1	134	<5	1	120	<5	10.9	149	184
961916	0.5	3.9	8	<5	<1	30	<5	1.0	29	18
961917	<0.5	5.0	86	<5	1	170	<5	10.7	86	79
961918	<0.5	11.0	34	<5	3	950	<5	5.5	34	204
961919	<0.5	3.2	84	<5	<1	190	<5	6.8	104	131
961920	<0.5	7.3	64	<5	2	450	<5	7.9	64	158
961860 B	<0.5	11.4	285	<5	6	2930	<5	3.4	220	803
*Rep 961844	<0.5	6.1	468	<5	15	16700	6	11.9	742	314
*Rep 961859	<0.5	11.6	208	<5	22	23000	5	3.6	231	933
*Rep 961871	<0.5	10.9	13	19	33	15100	<5	<0.5	12	1810
*Rep 961892	<0.5	20.5	99	24	152	12200	20	<0.5	159	399
*Rep 961900	<0.5	3.2	32	<5	<1	220	<5	3.8	97	62

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
*Rep 961915	<0.5	5.2	113	<5	1	150	<5	9.1	133	185
*Rep 961920	<0.5	6.7	59	<5	2	390	<5	7.2	59	140
*Std MMISRM16	<0.5	31.9	3	<5	28	90	46	<0.5	14	244
*Std MMISRM16	<0.5	31.8	3	<5	27	90	44	<0.5	13	226
*Blk BLANK	<0.5	<0.1	<1	<5	<1	20	<5	<0.5	2	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Final : TO116372 Order: Escape Gold

Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961841	3.6	3520	1	32	<1	54	8	122	38	<1
961842	0.4	<10	3	<1	<1	29	<1	10	<1	<1
961843	4.1	360	<1	121	<1	123	<1	128	133	1
961844	8.1	300	<1	235	<1	168	<1	160	237	1
961845	7.2	230	<1	392	<1	135	<1	159	308	2
961846	7.5	220	<1	247	<1	186	<1	114	181	1
961847	8.3	240	<1	167	<1	177	<1	144	142	1
961848	6.4	140	<1	17	<1	103	<1	24	14	<1
961849	8.9	270	<1	38	<1	147	<1	49	32	<1
961850	2.9	<10	<1	3	<1	36	<1	10	2	<1
961851	10.3	250	<1	326	<1	148	1	157	239	2
961852	7.9	220	<1	183	<1	145	<1	115	150	1
961853	0.8	<10	<1	37	<1	26	<1	10	58	<1
961854	7.6	280	<1	494	<1	139	2	220	398	2
961855	6.6	90	<1	153	<1	95	1	122	115	<1
961856	8.8	50	<1	64	<1	92	<1	76	46	<1
961857	5.0	400	<1	267	<1	91	<1	162	255	1
961858	8.8	120	<1	79	<1	126	1	102	57	<1
961859	4.5	50	<1	60	<1	144	<1	79	45	<1
961860 A	6.2	300	<1	173	<1	242	<1	293	218	<1
961861	7.6	680	<1	60	<1	232	<1	181	56	<1
961862	5.7	520	<1	94	<1	236	<1	990	127	<1
961863	20.3	210	<1	167	<1	202	<1	128	146	<1
961864	8.1	970	<1	172	<1	141	<1	187	223	1
961865	4.3	1260	<1	223	<1	90	5	164	233	2
961866	4.3	460	<1	197	<1	113	2	384	196	2
961867	4.4	90	<1	51	<1	168	<1	96	41	<1
961868	6.3	1410	<1	135	<1	183	1	273	231	<1
961869	4.8	1360	<1	189	<1	140	1	234	228	1
961870	<0.1	10	<1	8	<1	20	<1	26	11	<1
961871	0.1	<10	<1	4	<1	49	<1	10	3	<1
961872	3.4	40	<1	13	<1	25	<1	35	11	<1
961873	5.3	660	<1	4	<1	159	<1	29	4	<1
961874	0.1	20	<1	<1	<1	<5	<1	<5	<1	<1
961875	0.2	20	<1	<1	<1	13	<1	<5	<1	<1
961876	1.5	130	<1	243	<1	50	<1	97	239	<1
961877	6.0	280	<1	62	<1	172	<1	81	75	<1
961878	8.8	30	<1	19	<1	123	<1	39	13	<1
961879	9.4	320	<1	40	<1	127	4	35	32	2
961880	8.6	370	<1	44	<1	162	2	35	35	2
961881	7.3	80	<1	16	<1	117	<1	32	12	<1
961882	7.3	140	<1	22	<1	95	<1	46	17	<1
961883	9.9	130	<1	37	<1	145	<1	69	27	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961884	9.9	140	<1	25	<1	221	<1	46	19	<1
961885	5.0	490	<1	47	<1	165	<1	64	53	<1
961886	0.4	20	<1	21	<1	15	<1	7	32	<1
961887	4.3	2030	<1	116	<1	197	<1	185	166	<1
961888	5.8	1250	<1	99	<1	147	2	206	152	1
961889	5.5	30	3	3	<1	22	<1	38	3	<1
961890	7.6	30	<1	53	<1	89	<1	75	39	<1
961891	9.9	100	<1	77	<1	203	<1	158	62	<1
961892	0.3	20	<1	24	<1	16	<1	13	29	<1
961893	7.4	150	<1	27	<1	143	<1	45	20	<1
961894	3.7	160	<1	401	<1	142	<1	173	360	<1
961895	7.5	260	<1	427	<1	179	<1	174	354	2
961896	5.6	240	<1	356	<1	154	1	161	310	1
961897	5.6	110	<1	94	<1	58	<1	113	81	<1
961898	0.6	20	<1	116	<1	40	<1	26	131	<1
961899	0.5	20	<1	107	<1	120	<1	27	142	<1
961900	2.1	160	<1	8	<1	142	<1	47	11	<1
961901	7.0	330	<1	217	<1	271	<1	116	240	<1
961902	3.6	90	<1	31	<1	174	<1	63	31	1
961903	1.1	60	<1	183	<1	117	<1	75	196	<1
961904	4.3	90	<1	100	<1	91	<1	24	59	<1
961905	7.9	350	<1	777	<1	169	1	176	641	2
961906	2.7	190	<1	205	<1	158	<1	80	196	<1
961907	2.5	150	<1	85	<1	254	<1	97	85	<1
961908	3.5	150	<1	39	<1	178	<1	56	41	<1
961909	2.1	550	<1	115	<1	195	<1	57	95	<1
961910	0.4	70	<1	13	<1	22	<1	6	12	<1
961911	8.0	810	<1	110	<1	185	2	240	112	2
961912	3.5	<10	<1	47	<1	26	<1	10	28	<1
961913	3.4	20	<1	54	<1	15	<1	34	35	<1
961914	4.6	20	<1	29	<1	38	<1	76	23	<1
961915	4.4	20	<1	39	<1	129	<1	55	27	<1
961916	0.7	220	<1	5	<1	62	<1	307	8	<1
961917	4.8	600	<1	21	<1	67	<1	59	20	1
961918	8.7	320	<1	8	<1	64	<1	37	7	<1
961919	3.9	470	<1	25	<1	80	<1	60	24	<1
961920	8.0	280	<1	16	<1	85	<1	33	13	<1
961860 B	3.1	140	<1	65	<1	161	<1	44	39	<1
*Rep 961844	9.4	270	<1	168	<1	176	<1	153	160	1
*Rep 961859	4.0	50	<1	59	<1	130	<1	73	44	<1
*Rep 961871	0.1	<10	<1	3	<1	47	<1	8	2	<1
*Rep 961892	0.4	20	<1	33	<1	18	<1	12	31	<1
*Rep 961900	2.6	250	<1	17	<1	121	<1	59	35	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 961915	3.9	20	<1	35	<1	126	<1	55	25	<1
*Rep 961920	7.5	280	<1	15	<1	68	<1	34	13	<1
*Std MMISRM16	0.4	70	23	2	<1	277	<1	8	4	<1
*Std MMISRM16	0.4	70	21	2	<1	271	<1	7	4	<1
*Blk BLANK	0.2	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961841	10	<1	4	<10	59.7	2370	0.8	22	<1	111
961842	50	<1	<1	<10	0.6	21	<0.5	<1	<1	<5
961843	170	<1	20	<10	157	2480	0.6	51	<1	618
961844	210	1	30	<10	137	2450	0.9	64	<1	858
961845	100	1	34	<10	173	3900	0.8	54	<1	900
961846	50	1	20	<10	169	3250	1.1	43	<1	450
961847	80	1	18	<10	171	3500	1.1	50	<1	465
961848	90	<1	2	<10	62.6	953	0.5	11	<1	43
961849	30	1	5	<10	83.3	1510	0.7	20	<1	168
961850	70	<1	<1	<10	14.4	494	<0.5	7	<1	6
961851	80	2	27	<10	175	3850	1.3	49	<1	764
961852	30	1	18	<10	159	3160	1.1	41	<1	493
961853	1350	<1	8	<10	20.3	42	<0.5	45	<1	259
961854	120	2	44	<10	160	5690	1.2	68	1	1100
961855	290	<1	14	<10	132	2000	0.7	58	<1	428
961856	140	<1	6	<10	144	2130	0.7	41	<1	162
961857	150	<1	33	<10	199	2910	<0.5	68	<1	972
961858	120	<1	8	<10	163	1320	0.8	61	<1	271
961859	170	<1	6	<10	100	844	0.6	49	<1	226
961860 A	<10	<1	23	<10	160	2220	3.2	342	<1	406
961861	10	<1	7	<10	153	1360	1.5	147	<1	147
961862	10	<1	15	<10	133	960	1.3	536	<1	284
961863	20	1	14	<10	214	1860	1.5	112	<1	231
961864	<10	<1	29	<10	149	2540	0.7	123	<1	653
961865	<10	1	21	<10	113	9420	0.6	71	<1	397
961866	20	1	19	<10	101	7260	0.7	56	<1	416
961867	<10	<1	5	<10	61.0	995	0.8	138	<1	119
961868	50	<1	29	<10	177	2290	1.1	277	<1	537
961869	<10	<1	19	<10	153	3770	1.2	187	<1	264
961870	30	<1	3	<10	2.4	27	<0.5	55	<1	121
961871	120	<1	<1	<10	1.5	14	<0.5	9	<1	42
961872	150	<1	1	<10	46.4	1070	<0.5	28	<1	38
961873	60	<1	<1	<10	70.4	527	0.7	26	<1	20
961874	280	<1	<1	<10	0.6	<3	<0.5	<1	<1	<5
961875	250	<1	<1	<10	0.7	<3	<0.5	3	<1	6
961876	380	<1	29	<10	98.4	900	<0.5	58	<1	800
961877	90	<1	15	<10	78.9	1240	0.7	46	<1	526
961878	80	<1	2	<10	70.8	1050	<0.5	18	<1	43
961879	80	<1	4	<10	63.2	3050	0.5	23	<1	118
961880	50	<1	5	<10	74.2	2730	<0.5	26	<1	134
961881	70	<1	2	<10	64.8	1490	<0.5	24	<1	50
961882	150	<1	3	<10	67.8	726	<0.5	26	<1	131
961883	50	<1	4	<10	138	1320	0.6	39	<1	118

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961884	40	<1	3	<10	90.7	1520	0.5	24	<1	80
961885	10	<1	10	<10	102	1320	<0.5	34	<1	376
961886	1210	<1	6	<10	10.0	30	<0.5	38	<1	200
961887	30	<1	23	<10	103	1220	1.2	184	<1	409
961888	40	<1	19	<10	124	3970	1.0	144	<1	428
961889	<10	<1	<1	<10	39.3	118	<0.5	14	<1	6
961890	40	<1	4	<10	72.8	1210	<0.5	121	<1	83
961891	40	1	5	<10	171	1550	1.6	107	<1	105
961892	1260	<1	5	<10	17.2	77	<0.5	43	<1	160
961893	80	<1	3	<10	89.5	1510	0.6	31	<1	118
961894	370	<1	43	<10	93.5	2740	0.6	64	<1	1130
961895	160	1	39	<10	173	4210	1.1	71	<1	1090
961896	210	1	33	<10	145	3640	0.8	116	<1	794
961897	250	<1	11	<10	128	1920	<0.5	50	<1	377
961898	940	<1	15	<10	41.3	47	<0.5	27	<1	451
961899	1400	<1	17	<10	39.8	18	0.8	46	<1	478
961900	<10	<1	3	<10	33.3	792	<0.5	106	<1	110
961901	50	<1	32	<10	139	2800	1.1	66	<1	694
961902	50	<1	3	<10	127	2490	1.0	66	<1	92
961903	530	<1	23	<10	46.8	392	<0.5	57	<1	600
961904	10	<1	10	<10	37.7	567	0.9	15	<1	312
961905	30	1	64	<10	158	3800	1.0	68	1	1390
961906	30	<1	21	<10	90.1	1920	<0.5	44	<1	452
961907	180	<1	11	<10	120	1500	1.0	66	<1	212
961908	<10	<1	12	<10	49.2	284	0.6	52	<1	631
961909	40	<1	10	<10	77.9	1350	0.6	25	<1	237
961910	80	<1	<1	<10	2.7	46	<0.5	23	<1	14
961911	30	2	14	<10	252	6040	2.7	216	<1	423
961912	<10	<1	5	<10	2.6	48	<0.5	33	<1	131
961913	<10	<1	3	<10	5.3	90	<0.5	60	<1	59
961914	<10	<1	2	<10	52.5	279	<0.5	193	<1	24
961915	<10	<1	3	<10	155	2080	1.0	109	<1	56
961916	<10	<1	<1	<10	212	415	<0.5	55	<1	15
961917	<10	<1	3	<10	103	3350	<0.5	107	<1	56
961918	10	<1	1	<10	45.5	1880	0.5	28	<1	33
961919	<10	<1	3	<10	69.5	2500	1.6	47	<1	83
961920	<10	<1	2	<10	47.6	3890	0.6	40	<1	59
961860 B	90	<1	6	<10	64.1	554	0.8	55	<1	232
*Rep 961844	200	1	22	<10	131	2730	1.0	63	<1	652
*Rep 961859	200	<1	6	<10	92.1	767	0.6	48	<1	209
*Rep 961871	140	<1	<1	<10	1.2	24	<0.5	8	<1	43
*Rep 961892	1150	<1	4	<10	26.5	85	<0.5	47	<1	145
*Rep 961900	<10	<1	8	<10	39.4	1030	<0.5	111	<1	259

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Final : TO116372 Order: Escape Gold

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 961915	<10	<1	3	<10	153	1940	0.7	107	<1	50
*Rep 961920	<10	<1	2	<10	47.7	3330	0.5	40	<1	58
*Std MMISRM16	390	<1	<1	<10	19.3	41	<0.5	49	<1	10
*Std MMISRM16	350	<1	<1	<10	19.1	8	<0.5	49	<1	10
*Blk BLANK	<10	<1	<1	<10	2.0	40	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	1.0	47	<0.5	<1	<1	<5

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Final : TO116372 · Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
961841	9	160	1190
961842	<1	40	6
961843	51	170	220
961844	71	320	201
961845	68	100	270
961846	29	80	255
961847	39	170	254
961848	4	40	94
961849	13	40	141
961850	1	<20	23
961851	60	180	274
961852	38	60	261
961853	16	200	11
961854	98	200	289
961855	37	220	225
961856	16	100	265
961857	76	910	301
961858	26	430	284
961859	22	380	159
961860 A	63	370	237
961861	34	410	249
961862	79	250	191
961863	44	200	422
961864	70	240	253
961865	52	240	341
961866	57	270	220
961867	22	120	104
961868	75	480	269
961869	46	300	350
961870	11	840	<5
961871	3	1110	<5
961872	4	290	109
961873	2	650	145
961874	<1	50	<5
961875	<1	90	<5
961876	59	430	97
961877	39	580	163
961878	5	80	139
961879	11	530	298
961880	11	440	273
961881	6	580	118
961882	12	310	84
961883	13	540	221

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Final : TO116372 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
961884	9	270	148
961885	28	350	150
961886	14	1240	9
961887	42	360	194
961888	45	500	182
961889	<1	40	2480
961890	19	50	169
961891	26	190	341
961892	13	290	16
961893	15	700	142
961894	90	630	148
961895	83	240	272
961896	76	390	214
961897	36	290	173
961898	32	500	20
961899	33	410	19
961900	13	170	44
961901	63	750	247
961902	7	190	378
961903	44	600	46
961904	30	250	54
961905	158	860	265
961906	29	30	116
961907	20	710	206
961908	50	490	69
961909	15	50	101
961910	2	420	7
961911	43	890	287
961912	29	80	<5
961913	12	20	19
961914	15	40	73
961915	8	80	160
961916	4	110	312
961917	7	250	263
961918	4	340	145
961919	9	170	468
961920	7	240	117
961860 B	21	880	91
*Rep 961844	60	340	214
*Rep 961859	20	330	133
*Rep 961871	3	1410	<5
*Rep 961892	12	220	18
*Rep 961900	22	200	53

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Final : TO116372 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
*Rep 961915	7	90	147
*Rep 961920	7	220	116
*Std MMISRM16	<1	250	18
*Std MMISRM16	<1	250	17
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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Certificate of Analysis

Work Order: TO116373

To: **COD SGS Minerals**
C/O P.O. Box 439
Whiffen Head Road
ARNOLD COVE
NF A0B 1A0

Date: Sep 16, 2011

P.O. No.	:	Escape Gold
Project No.	:	-
No. Of Samples	:	80
Date Submitted	:	Aug 31, 2011
Report Comprises	:	Pages 1 to 19 (Inclusive of Cover Sheet)

Distribution of unused material:
Return to client:

Certified By : _____
Lawrence Ng
Regional Business Manager (GEOCHEM)

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Final : TO116373 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961921	37	285	<10	0.1	190	<1	<10	7	250	30
961922	25	230	10	0.2	340	<1	<10	14	259	18
961923	19	190	10	0.1	300	<1	<10	13	498	23
961924	11	232	<10	<0.1	250	<1	<10	10	186	23
961925	5	228	<10	0.1	230	<1	<10	16	387	20
961926	14	169	10	0.1	260	<1	<10	8	397	21
961927	17	223	30	0.2	840	<1	<10	6	1350	98
961928	11	106	40	0.3	1990	<1	60	6	2690	235
961929	10	259	20	0.2	1210	<1	30	8	1250	80
961930	47	148	60	0.2	310	1	70	4	1170	134
961931	85	149	40	0.4	370	<1	40	4	1400	42
961932	29	172	<10	0.2	90	<1	<10	4	178	49
961933	65	147	10	0.3	250	<1	<10	10	379	211
961934	<1	53	<10	<0.1	30	<1	<10	<1	529	12
961935	4	249	20	<0.1	680	<1	<10	6	1580	32
961936	7	190	40	<0.1	790	1	<10	4	1240	158
961937	27	274	10	<0.1	290	<1	<10	8	1030	12
961938	7	262	20	0.1	630	<1	<10	6	621	53
961939	6	217	30	0.2	1790	1	10	5	1130	333
961940	7	226	30	0.1	1460	1	10	4	859	167
961941	5	135	30	0.2	1630	<1	80	5	1200	273
961942	3	111	30	0.3	2130	1	70	4	1870	80
961943	3	161	30	0.3	1570	1	70	5	1720	55
961944	4	171	20	<0.1	1210	1	40	7	924	128
961945	11	169	20	0.1	1130	<1	30	17	1650	287
961946	21	113	30	0.4	1250	<1	90	25	858	220
961947	13	<1	<10	31.5	<10	<1	140	8	<5	39
961948	32	226	<10	<0.1	40	<1	<10	2	687	49
961949	15	168	40	0.2	80	<1	<10	6	2510	467
961950	13	79	20	0.3	90	<1	<10	<1	567	40
961951	12	205	<10	<0.1	20	<1	<10	2	411	85
961952	4	125	50	<0.1	220	<1	50	2	231	327
961953	31	143	80	0.2	470	<1	130	45	298	581
961954	18	158	<10	0.3	80	<1	<10	<1	400	38
961955	128	132	60	0.7	70	<1	20	17	223	44
961956	57	280	60	0.2	270	1	10	32	845	254
961957	11	140	<10	<0.1	20	<1	<10	<1	214	75
961958	30	34	<10	0.2	20	<1	<10	<1	109	20
961959	15	137	30	<0.1	190	<1	10	5	16	120
961960	62	4	<10	0.6	<10	<1	<10	<1	<5	<5
961961	139	99	30	0.5	20	1	<10	3	396	11
961962	193	151	20	0.3	20	<1	<10	10	575	24
961963	151	48	80	0.4	20	<1	<10	4	288	13

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Final : TO116373 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961964	27	44	10	0.1	40	<1	<10	<1	111	<5
961965	115	195	20	0.2	150	<1	<10	11	128	38
961966	255	152	110	0.2	180	<1	<10	4	125	34
961967	41	60	<10	<0.1	190	<1	<10	6	858	36
961968	18	197	20	0.3	900	<1	<10	5	1250	135
961969	31	175	10	0.1	550	<1	<10	7	989	66
961970	8	126	20	<0.1	230	<1	<10	1	575	30
961971	9	212	10	<0.1	480	<1	<10	5	507	47
961972	5	95	20	<0.1	510	<1	<10	3	1030	33
961973	6	162	10	<0.1	950	<1	<10	34	770	69
961974	<1	7	<10	<0.1	<10	<1	<10	<1	137	5
961975	7	205	20	<0.1	470	1	<10	21	1330	39
961976	4	167	<10	<0.1	160	<1	<10	2	566	12
961977	5	175	<10	0.1	440	<1	<10	3	566	20
961978	6	157	30	0.1	1260	<1	70	3	1330	63
961979	3	212	20	0.1	980	<1	<10	3	1700	62
961980	3	169	10	<0.1	550	<1	<10	2	1360	27
961981	2	189	20	0.2	720	<1	<10	6	1630	136
961982	10	166	40	0.3	1500	<1	30	17	1260	454
961983	41	48	<10	0.6	80	<1	220	171	74	210
961984	20	12	<10	5.0	<10	<1	160	14	<5	15
961985	4	41	<10	1.1	<10	<1	170	9	<5	9
961986	5	2	<10	0.3	<10	<1	200	2	<5	13
961987	89	<1	<10	439	<10	<1	80	3	<5	12
961988	21	65	10	0.3	1720	<1	150	6	978	15
961989	15	199	30	0.2	920	<1	<10	12	820	185
961990	14	252	30	0.1	1110	<1	<10	18	350	52
961991	66	94	30	0.8	250	<1	130	24	157	201
961992	3	74	<10	<0.1	430	<1	200	102	153	56
961993	22	12	<10	0.1	810	<1	250	5	30	41
961994	14	74	<10	0.3	1270	<1	220	50	363	55
961995	10	53	<10	0.1	760	<1	230	30	500	75
961996	12	85	<10	0.2	630	<1	170	25	451	146
961997	79	128	70	1.0	210	<1	90	324	310	769
961998	37	57	<10	1.0	40	<1	170	34	46	21
961999	<1	15	<10	<0.1	<10	<1	130	5	<5	17
962000	5	53	10	0.1	1310	<1	120	2	1020	12
*Rep 961921	36	272	<10	0.1	190	<1	<10	7	234	30
*Rep 961935	5	254	10	0.1	610	<1	<10	6	1440	32
*Rep 961948	29	260	<10	<0.1	60	<1	<10	3	1140	52
*Rep 961968	22	207	20	0.1	800	<1	<10	4	1200	114
*Rep 961981	3	184	10	0.2	640	<1	<10	7	1300	226
*Rep 961994	11	72	<10	0.3	1460	<1	210	77	523	163

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 961999	<1	17	<10	<0.1	<10	<1	140	6	<5	15
*Std MMISRM16	15	43	<10	22.6	50	<1	170	4	18	58
*Std MMISRM18	22	19	10	9.4	160	<1	140	81	18	65
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Final : TO116373 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961921	<100	4.9	640	31	17.5	8.0	106	13	32	<1
961922	<100	4.2	690	21	11.8	8.4	97	13	29	<1
961923	<100	5.7	680	36	16.4	16.7	84	13	57	<1
961924	<100	3.9	1210	27	13.9	6.2	56	8	25	<1
961925	<100	4.7	1010	40	17.7	12.3	58	10	49	<1
961926	<100	6.3	880	44	18.9	18.9	56	10	72	<1
961927	200	5.7	880	102	42.7	37.5	129	21	144	1
961928	<100	2.0	1130	292	147	100	86	24	406	1
961929	200	3.5	490	76	28.5	21.8	121	22	88	1
961930	100	3.4	1190	112	56.5	51.4	213	25	178	4
961931	<100	7.1	630	90	36.4	47.3	119	16	157	3
961932	<100	1.8	1840	31	22.7	7.4	251	14	28	<1
961933	<100	3.1	1830	86	48.0	16.5	76	5	71	<1
961934	<100	0.5	200	20	21.9	9.4	335	3	31	<1
961935	200	6.9	590	88	38.5	32.4	114	23	131	<1
961936	200	3.9	1280	73	41.5	28.4	362	16	99	<1
961937	100	6.4	610	63	29.3	17.1	139	21	80	<1
961938	200	4.8	690	99	57.0	17.9	174	20	82	<1
961939	300	2.5	960	86	44.1	26.1	220	19	105	1
961940	300	2.5	770	91	49.3	25.5	218	23	106	1
961941	200	1.7	710	119	60.0	38.2	179	17	159	1
961942	200	3.3	860	244	118	83.6	143	30	343	1
961943	200	1.9	890	207	100	66.8	148	30	282	1
961944	200	1.5	850	108	57.5	28.8	221	20	128	<1
961945	<100	6.5	2740	226	118	75.2	65	18	293	<1
961946	<100	2.4	990	91	44.4	29.6	151	11	124	<1
961947	<100	1.3	30	1	0.9	0.5	9	<1	2	<1
961948	<100	2.7	11300	131	135	31.4	56	6	95	<1
961949	200	2.2	5230	223	105	102	410	21	317	1
961950	200	1.9	4020	31	15.9	13.3	537	8	41	<1
961951	<100	0.5	3220	52	49.7	14.9	45	3	47	<1
961952	<100	3.2	6440	23	15.8	6.0	247	3	25	<1
961953	100	2.1	2390	44	24.6	11.6	233	8	48	<1
961954	<100	3.3	7720	32	24.7	9.0	197	4	31	<1
961955	<100	2.8	1300	37	20.2	12.6	425	8	49	2
961956	<100	24.0	3920	84	47.4	23.8	256	8	96	2
961957	<100	3.6	1550	12	12.6	4.3	155	3	14	<1
961958	<100	3.7	670	4	3.1	2.4	553	3	7	<1
961959	100	1.8	410	2	1.9	<0.5	329	12	2	1
961960	<100	8.5	140	<1	<0.5	<0.5	219	2	<1	<1
961961	<100	6.7	550	34	17.2	11.9	141	5	42	4
961962	<100	0.7	4540	52	24.8	18.3	238	7	62	4
961963	100	6.3	1550	17	10.4	8.5	320	4	25	4

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Final : TO116373 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961964	100	1.8	220	5	2.7	3.2	512	5	10	<1
961965	200	1.8	1490	13	6.2	4.1	261	12	15	<1
961966	200	4.9	700	14	6.9	5.0	259	15	17	<1
961967	<100	6.7	1170	68	27.6	23.9	21	8	105	<1
961968	100	8.6	1460	91	45.9	45.9	128	19	138	<1
961969	<100	7.3	940	54	22.3	20.4	65	18	75	2
961970	200	3.9	720	39	18.0	19.5	276	15	65	<1
961971	100	4.0	460	42	20.3	13.7	133	25	56	<1
961972	<100	9.7	570	93	37.5	33.9	45	15	145	<1
961973	<100	3.0	1090	49	31.0	11.7	256	8	50	<1
961974	<100	0.9	40	3	1.6	2.8	354	<1	7	<1
961975	<100	5.9	860	122	62.7	34.4	146	25	159	<1
961976	100	6.2	1310	34	21.7	11.9	242	12	42	<1
961977	100	4.5	880	73	51.8	12.7	237	10	58	<1
961978	200	3.4	1020	110	55.6	33.7	206	21	147	<1
961979	200	7.2	630	88	39.4	31.0	150	21	123	<1
961980	200	7.1	480	76	30.2	28.5	89	17	116	<1
961981	100	6.8	1520	113	48.6	39.6	99	18	162	<1
961982	100	3.0	1370	95	48.8	28.9	199	18	121	<1
961983	<100	0.8	510	5	2.7	1.7	28	1	7	<1
961984	<100	1.4	100	3	2.5	0.8	9	<1	4	<1
961985	<100	<0.5	20	15	10.7	3.2	10	<1	16	<1
961986	<100	1.0	40	1	0.7	<0.5	4	<1	1	<1
961987	<100	3.8	160	<1	<0.5	<0.5	2	<1	<1	15
961988	<100	0.8	1260	124	61.1	41.4	26	9	187	<1
961989	200	6.9	810	43	16.5	14.7	107	14	59	<1
961990	100	2.7	550	35	20.6	7.2	201	21	32	<1
961991	<100	2.4	830	13	7.2	3.9	114	4	17	<1
961992	<100	0.9	790	15	8.5	3.8	41	1	17	<1
961993	<100	<0.5	1650	17	8.9	5.1	5	<1	26	2
961994	<100	0.6	1580	37	22.8	10.1	39	2	46	<1
961995	<100	<0.5	2590	30	17.3	10.7	37	3	46	<1
961996	<100	1.6	2400	41	21.8	12.9	64	4	54	<1
961997	<100	5.8	3650	31	16.3	9.6	193	5	36	2
961998	<100	1.0	190	15	8.8	4.4	34	<1	20	<1
961999	<100	2.5	10	5	3.5	1.3	6	<1	6	<1
962000	<100	0.6	890	135	68.8	44.8	34	10	206	<1
*Rep 961921	<100	4.8	680	29	16.9	7.4	105	12	29	<1
*Rep 961935	200	6.6	520	75	32.4	26.3	117	20	111	<1
*Rep 961948	<100	3.0	11700	162	160	49.5	57	8	153	1
*Rep 961968	100	9.1	1400	101	54.1	43.3	119	19	145	<1
*Rep 961981	100	6.7	1530	96	43.7	32.4	97	15	132	<1
*Rep 961994	<100	0.8	3110	41	24.8	12.1	48	3	54	<1

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 961999	<100	2.6	<10	6	3.9	1.4	6	<1	6	<1
*Std MMISRM16	<100	11.2	620	<1	<0.5	<0.5	<1	<1	5	24
*Std MMISRM18	<100	6.6	760	2	1.1	0.8	2	<1	4	5
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
961921	<0.5	3.4	112	<5	<1	160	<5	7.2	156	139
961922	<0.5	4.3	96	<5	<1	220	<5	6.2	153	145
961923	<0.5	3.8	187	<5	<1	260	<5	4.9	312	82
961924	<0.5	4.0	79	<5	<1	250	<5	2.7	101	98
961925	<0.5	4.7	152	<5	<1	440	<5	4.0	214	89
961926	<0.5	7.1	144	<5	<1	280	5	4.2	341	81
961927	<0.5	5.0	496	<5	<1	3870	7	10.1	815	120
961928	<0.5	7.2	1800	<5	6	15500	6	10.9	2600	270
961929	<0.5	6.7	730	<5	2	3200	<5	9.0	535	89
961930	<0.5	5.3	366	<5	13	1190	8	17.1	996	243
961931	<0.5	12.1	559	<5	7	1670	5	8.4	1030	77
961932	<0.5	7.1	63	<5	3	120	<5	8.2	128	279
961933	<0.5	7.1	144	<5	<1	3560	<5	2.1	263	278
961934	<0.5	5.5	263	<5	1	40	<5	0.6	281	95
961935	<0.5	6.1	649	<5	<1	1030	6	9.3	822	105
961936	<0.5	12.8	480	5	3	4450	7	17.3	698	221
961937	<0.5	5.7	561	<5	<1	320	6	7.5	456	149
961938	<0.5	8.3	295	<5	2	1570	<5	11.2	344	227
961939	<0.5	10.1	529	<5	5	14400	6	11.8	635	258
961940	<0.5	7.6	439	<5	5	7950	6	13.7	568	177
961941	<0.5	8.5	797	<5	29	15700	6	10.1	967	265
961942	<0.5	7.0	1500	<5	18	5730	9	17.2	2160	127
961943	<0.5	8.0	1030	<5	18	3650	6	15.4	1590	204
961944	<0.5	7.5	379	<5	18	5390	<5	13.6	612	199
961945	<0.5	5.4	628	<5	8	7300	<5	5.4	1450	485
961946	<0.5	7.7	456	<5	51	7970	7	4.6	676	343
961947	<0.5	7.7	<1	<5	40	8180	<5	<0.5	2	144
961948	<0.5	2.6	196	<5	2	130	<5	<0.5	574	91
961949	<0.5	9.9	1080	<5	2	18400	6	4.9	1870	289
961950	0.7	15.8	242	<5	2	310	<5	8.6	302	179
961951	<0.5	3.0	125	<5	<1	210	<5	<0.5	245	105
961952	<0.5	17.1	192	<5	12	3800	<5	0.8	141	464
961953	<0.5	8.0	152	<5	18	16000	6	2.3	200	1680
961954	<0.5	8.6	220	<5	2	130	<5	0.6	188	123
961955	0.6	6.3	128	<5	3	600	6	0.7	179	378
961956	<0.5	11.8	634	<5	2	3260	9	1.8	468	769
961957	<0.5	11.5	104	<5	2	60	<5	<0.5	106	107
961958	<0.5	10.1	48	<5	<1	50	<5	2.1	61	43
961959	<0.5	5.3	9	<5	4	130	<5	6.1	7	211
961960	<0.5	3.4	<1	<5	<1	<10	<5	<0.5	2	23
961961	<0.5	6.6	164	<5	<1	370	6	0.8	239	74
961962	1.1	6.3	257	<5	<1	280	<5	1.3	359	125
961963	1.3	6.4	110	<5	<1	70	13	<0.5	184	86

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
961964	<0.5	2.2	42	<5	<1	50	<5	2.6	72	28
961965	0.5	3.7	68	<5	<1	170	<5	5.7	66	156
961966	<0.5	5.9	58	<5	<1	1520	6	6.9	77	47
961967	<0.5	4.3	237	<5	<1	610	7	1.3	547	66
961968	<0.5	5.1	272	<5	<1	5530	7	8.9	972	135
961969	<0.5	4.2	286	<5	<1	2710	7	7.3	451	67
961970	<0.5	6.4	197	<5	1	1300	9	13.0	426	52
961971	<0.5	4.5	213	<5	<1	1470	6	10.4	287	90
961972	<0.5	4.3	475	<5	<1	1450	6	6.8	834	40
961973	<0.5	16.8	409	<5	3	1550	<5	6.1	332	1190
961974	<0.5	10.2	52	<5	1	40	<5	<0.5	87	17
961975	<0.5	13.9	570	<5	1	1350	<5	11.2	823	104
961976	<0.5	3.4	235	<5	<1	160	<5	13.9	297	167
961977	<0.5	3.4	255	<5	<1	450	<5	13.9	282	178
961978	<0.5	6.1	654	<5	11	3020	5	12.5	831	267
961979	<0.5	4.4	677	<5	<1	2220	6	10.3	790	78
961980	<0.5	4.3	567	<5	<1	740	6	7.0	751	42
961981	<0.5	3.7	558	<5	<1	3430	7	6.6	888	134
961982	<0.5	6.2	508	<5	10	16700	7	10.0	678	256
961983	<0.5	7.0	29	<5	92	11000	<5	<0.5	40	2050
961984	<0.5	2.5	<1	<5	93	3160	<5	<0.5	3	917
961985	<0.5	1.6	2	<5	76	8140	<5	<0.5	12	443
961986	<0.5	5.2	<1	<5	75	4860	<5	<0.5	<1	59
961987	<0.5	5.0	<1	<5	68	1540	<5	<0.5	<1	34
961988	<0.5	4.8	583	<5	45	710	<5	1.6	947	370
961989	<0.5	4.9	288	<5	<1	5390	11	6.6	324	119
961990	<0.5	7.7	169	<5	3	1300	7	8.5	164	157
961991	<0.5	10.0	67	<5	34	4810	12	2.6	86	620
961992	<0.5	14.2	63	6	60	4790	<5	<0.5	86	4870
961993	<0.5	14.2	42	26	108	1920	11	<0.5	80	253
961994	<0.5	10.1	183	<5	59	5210	<5	<0.5	230	4420
961995	<0.5	10.0	235	6	66	4540	<5	0.7	301	1160
961996	<0.5	8.8	239	<5	48	6950	<5	1.4	311	1170
961997	<0.5	5.9	128	<5	9	13600	8	2.6	173	1540
961998	<0.5	3.2	21	<5	78	5110	<5	<0.5	49	755
961999	<0.5	7.2	<1	<5	106	8420	<5	<0.5	4	120
962000	<0.5	5.4	614	<5	49	730	<5	2.8	1020	204
*Rep 961921	<0.5	3.5	109	<5	1	200	<5	6.5	139	139
*Rep 961935	<0.5	5.5	603	<5	<1	1140	6	8.2	694	104
*Rep 961948	<0.5	2.6	329	<5	2	150	<5	0.6	930	89
*Rep 961968	<0.5	5.1	311	<5	<1	4810	7	8.5	909	122
*Rep 961981	<0.5	4.0	462	<5	<1	5320	7	5.9	677	136
*Rep 961994	<0.5	16.0	252	<5	56	10500	<5	0.7	307	3970

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
*Rep 961999	<0.5	7.4	1	<5	109	9240	<5	<0.5	5	120
*Std MMISRM16	<0.5	34.1	4	<5	30	100	50	<0.5	17	275
*Std MMISRM18	<0.5	23.2	5	<5	74	480	34	<0.5	13	463
*Blk BLANK	<0.5	<0.1	2	<5	<1	20	<5	<0.5	2	10
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961921	2.6	300	<1	35	<1	87	<1	58	33	<1
961922	2.4	380	<1	34	<1	108	<1	66	35	<1
961923	1.3	500	<1	65	<1	134	<1	139	70	<1
961924	1.0	490	<1	23	<1	114	<1	57	23	<1
961925	1.2	450	<1	48	<1	153	<1	58	52	<1
961926	1.4	220	<1	67	<1	205	<1	76	83	<1
961927	5.8	310	<1	188	<1	225	<1	105	174	1
961928	3.3	220	<1	645	<1	160	1	190	487	1
961929	7.0	280	<1	153	<1	165	<1	82	97	1
961930	4.7	730	<1	195	<1	96	1	201	223	2
961931	2.1	990	<1	233	<1	129	<1	155	201	1
961932	2.3	280	<1	27	<1	70	<1	171	31	<1
961933	1.3	1260	<1	57	<1	147	<1	68	65	<1
961934	3.1	50	<1	75	<1	17	<1	39	50	<1
961935	6.6	230	<1	199	<1	198	<1	84	160	<1
961936	13.8	550	<1	171	<1	253	2	158	138	1
961937	8.4	320	<1	117	<1	231	<1	34	80	<1
961938	9.7	370	<1	82	<1	210	<1	93	76	1
961939	9.2	220	<1	160	<1	133	<1	115	125	1
961940	8.8	210	<1	138	<1	140	<1	116	118	2
961941	7.5	240	<1	240	<1	115	<1	127	184	1
961942	6.3	200	<1	522	<1	147	2	205	405	2
961943	6.8	300	<1	368	<1	109	1	188	318	2
961944	5.9	320	<1	137	<1	133	<1	106	140	2
961945	2.4	280	<1	306	<1	221	<1	83	372	<1
961946	2.0	510	<1	154	<1	150	1	95	141	<1
961947	0.5	<10	<1	<1	<1	23	<1	<5	<1	<1
961948	2.9	10	<1	132	<1	23	<1	35	127	<1
961949	8.4	360	<1	436	<1	50	3	198	410	<1
961950	21.7	60	<1	78	<1	27	<1	86	55	<1
961951	1.5	20	<1	57	<1	13	<1	36	57	<1
961952	7.1	10	<1	37	<1	69	<1	24	24	<1
961953	7.0	290	<1	45	<1	26	<1	68	47	<1
961954	4.8	50	<1	50	<1	50	<1	47	35	<1
961955	4.2	4580	<1	39	<1	35	2	76	43	<1
961956	11.8	1570	<1	122	<1	129	4	82	91	<1
961957	1.6	<10	<1	28	<1	65	<1	44	18	<1
961958	5.2	20	<1	15	<1	57	<1	78	12	<1
961959	8.0	70	<1	2	<1	42	<1	32	2	<1
961960	0.5	10	<1	<1	<1	26	<1	39	<1	<1
961961	3.2	2650	<1	57	<1	57	2	72	47	<1
961962	4.6	1380	<1	89	<1	29	<1	78	74	<1
961963	4.1	640	<1	44	<1	52	1	224	39	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961964	3.7	140	<1	17	<1	65	<1	39	14	<1
961965	3.2	580	<1	16	<1	84	<1	49	16	<1
961966	4.3	520	<1	17	<1	117	1	46	18	<1
961967	0.6	280	<1	115	<1	220	<1	45	121	<1
961968	3.6	240	<1	188	<1	204	<1	105	268	<1
961969	5.8	260	<1	106	<1	193	<1	100	105	1
961970	9.3	790	<1	94	<1	205	<1	114	94	1
961971	5.3	260	<1	65	<1	178	<1	46	63	1
961972	2.7	190	<1	186	<1	204	<1	54	172	<1
961973	8.2	210	<1	89	<1	126	<1	52	59	<1
961974	1.7	20	<1	21	<1	57	<1	35	16	<1
961975	6.5	480	<1	190	<1	218	<1	53	173	<1
961976	11.8	100	<1	77	<1	141	<1	38	56	<1
961977	16.1	350	<1	70	<1	152	<1	49	58	<1
961978	8.3	280	<1	198	<1	150	<1	102	168	1
961979	6.5	190	<1	198	<1	158	<1	91	151	<1
961980	3.3	160	<1	180	<1	187	<1	68	144	<1
961981	3.5	270	<1	202	<1	209	<1	97	195	<1
961982	4.6	670	<1	167	<1	164	1	112	140	1
961983	0.3	100	<1	9	<1	21	<1	9	8	<1
961984	0.2	<10	<1	<1	<1	7	<1	<5	2	<1
961985	0.2	10	<1	1	<1	<5	<1	<5	7	<1
961986	0.3	<10	<1	<1	<1	21	<1	<5	<1	<1
961987	0.3	<10	<1	<1	<1	22	<1	<5	<1	<1
961988	0.7	70	<1	201	<1	70	<1	50	200	<1
961989	4.2	300	<1	79	<1	171	<1	59	70	<1
961990	7.6	410	<1	42	<1	157	<1	45	35	1
961991	2.0	360	<1	20	<1	107	2	22	17	<1
961992	0.2	50	<1	20	<1	106	<1	16	18	<1
961993	0.1	<10	<1	15	<1	15	<1	8	20	<1
961994	0.4	70	<1	54	<1	85	<1	55	46	<1
961995	0.2	50	<1	72	<1	32	<1	15	52	<1
961996	0.5	120	<1	74	<1	73	<1	35	59	<1
961997	2.5	330	<1	41	<1	79	2	83	38	<1
961998	0.3	70	<1	9	<1	20	<1	14	15	<1
961999	0.3	<10	<1	<1	<1	28	<1	<5	2	<1
962000	1.1	70	<1	219	<1	57	<1	54	216	<1
*Rep 961921	2.7	330	<1	32	<1	81	<1	53	29	<1
*Rep 961935	6.5	210	<1	171	<1	191	<1	74	134	<1
*Rep 961948	4.9	10	<1	214	<1	24	<1	45	204	<1
*Rep 961968	3.1	260	<1	182	<1	205	<1	98	233	<1
*Rep 961981	3.2	250	<1	156	<1	207	<1	91	153	<1
*Rep 961994	0.5	80	<1	74	<1	103	<1	52	57	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 961999	0.3	<10	<1	<1	<1	29	<1	<5	3	<1
*Std MMISRM16	0.4	70	25	<1	<1	295	<1	<5	5	<1
*Std MMISRM18	0.6	210	14	3	6	160	<1	<5	4	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961921	<10	<1	5	<10	76.9	1870	1.5	65	<1	152
961922	<10	<1	4	<10	81.5	1840	1.2	100	<1	108
961923	<10	<1	8	<10	99.1	1350	1.3	153	<1	177
961924	<10	<1	4	<10	80.7	633	0.7	64	<1	131
961925	<10	<1	8	<10	93.2	714	0.7	59	<1	164
961926	<10	<1	9	<10	83.3	1070	0.7	100	<1	207
961927	40	1	19	<10	160	2590	1.0	49	2	419
961928	250	1	53	<10	110	2510	1.1	72	2	1300
961929	80	<1	14	<10	97.5	2230	1.1	38	1	327
961930	110	1	21	<10	184	6010	1.0	100	2	512
961931	70	<1	18	<10	94.0	3040	0.9	79	<1	333
961932	20	<1	5	<10	100	2000	<0.5	137	<1	132
961933	10	<1	13	<10	45.0	450	0.5	98	<1	414
961934	<10	<1	5	<10	9.9	138	<0.5	40	<1	89
961935	20	<1	19	<10	130	2050	0.9	33	1	441
961936	20	1	15	<10	210	2470	2.0	176	2	244
961937	<10	<1	12	<10	72.1	1510	1.0	23	<1	316
961938	20	<1	14	<10	111	2510	0.9	32	1	545
961939	90	1	15	<10	181	2650	1.1	48	2	418
961940	80	1	16	<10	146	3400	0.8	41	2	464
961941	240	<1	21	<10	108	2100	0.8	48	1	618
961942	300	2	44	<10	125	4410	0.9	62	3	1250
961943	210	1	37	<10	174	4360	0.7	63	2	1010
961944	160	1	20	<10	139	3060	0.5	38	2	579
961945	80	<1	44	<10	78.6	1290	1.0	97	2	998
961946	220	<1	19	<10	91.7	1120	0.7	86	<1	471
961947	130	<1	<1	<10	0.9	20	<0.5	1	<1	12
961948	20	<1	16	<10	5.4	71	<0.5	318	<1	328
961949	<10	<1	42	<10	37.6	6610	0.8	310	<1	679
961950	<10	<1	6	<10	55.1	1700	0.9	142	<1	106
961951	<10	<1	8	<10	1.3	13	2.0	70	<1	159
961952	90	<1	4	<10	6.0	278	0.6	26	<1	155
961953	120	<1	8	<10	27.1	1300	0.7	48	1	248
961954	10	<1	5	<10	11.0	209	0.8	153	<1	138
961955	20	<1	7	<10	80.8	185	1.2	58	<1	213
961956	20	<1	16	<10	29.6	465	1.1	81	<1	469
961957	<10	<1	2	<10	1.1	27	0.9	164	<1	39
961958	<10	<1	1	<10	91.1	1080	<0.5	33	<1	14
961959	40	<1	<1	<10	12.0	2300	<0.5	8	<1	11
961960	<10	<1	<1	<10	33.5	10	1.3	33	<1	<5
961961	<10	<1	6	<10	58.7	359	2.3	147	<1	151
961962	<10	<1	9	<10	96.8	391	1.0	369	<1	178
961963	<10	<1	3	<10	257	38	1.5	409	<1	46

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961964	<10	<1	1	<10	29.1	816	0.5	19	<1	18
961965	<10	<1	2	<10	81.5	1640	<0.5	51	<1	59
961966	<10	<1	3	<10	43.4	2610	<0.5	21	<1	62
961967	10	<1	15	<10	28.0	303	1.0	38	<1	318
961968	<10	<1	20	<10	144	1600	1.6	112	1	235
961969	10	<1	12	<10	82.8	1710	1.2	56	1	185
961970	<10	1	9	<10	160	2890	1.2	128	2	110
961971	20	<1	8	<10	92.7	2560	<0.5	33	1	198
961972	20	<1	21	<10	70.5	1550	0.9	29	2	423
961973	80	<1	9	<10	126	750	0.6	41	<1	298
961974	<10	<1	1	<10	2.2	20	<0.5	15	<1	8
961975	20	1	24	<10	130	2130	0.9	48	2	543
961976	<10	<1	7	<10	73.6	1310	0.9	92	<1	125
961977	30	1	11	<10	97.5	1100	0.8	54	1	350
961978	200	1	22	<10	172	2160	0.9	56	2	562
961979	30	1	19	<10	186	2020	1.0	46	2	397
961980	30	<1	17	<10	130	1500	0.8	37	1	329
961981	20	<1	25	<10	171	1720	1.1	144	1	467
961982	110	<1	19	<10	157	2480	1.0	67	2	461
961983	140	<1	<1	<10	6.2	7	<0.5	58	<1	26
961984	100	<1	<1	<10	<0.5	3	<0.5	5	<1	31
961985	60	<1	2	<10	<0.5	<3	<0.5	5	<1	139
961986	80	<1	<1	<10	<0.5	<3	<0.5	<1	<1	12
961987	60	<1	<1	<10	<0.5	<3	<0.5	4	<1	<5
961988	560	<1	26	<10	87.0	326	<0.5	69	<1	654
961989	30	<1	9	<10	168	1640	1.2	45	1	153
961990	50	<1	6	<10	98.4	2220	<0.5	24	1	169
961991	150	<1	3	<10	57.0	771	0.6	20	<1	65
961992	670	<1	3	<10	16.3	34	<0.5	34	<1	88
961993	1090	<1	3	<10	18.2	<3	<0.5	64	<1	91
961994	720	<1	7	<10	60.1	22	<0.5	124	<1	243
961995	650	<1	7	<10	85.7	74	<0.5	61	<1	176
961996	300	<1	8	<10	72.1	239	<0.5	72	<1	212
961997	100	<1	6	<10	42.6	714	0.7	222	<1	146
961998	110	<1	3	<10	7.7	58	<0.5	31	<1	94
961999	50	<1	<1	<10	<0.5	<3	<0.5	1	<1	47
962000	600	<1	29	<10	73.0	620	<0.5	50	<1	713
*Rep 961921	<10	<1	5	<10	69.6	1670	1.2	65	<1	149
*Rep 961935	20	<1	17	<10	122	1680	0.8	29	1	366
*Rep 961948	20	<1	23	<10	8.4	118	0.5	326	<1	409
*Rep 961968	<10	<1	21	<10	138	1630	1.5	111	2	300
*Rep 961981	10	<1	20	<10	157	1480	1.0	143	1	399
*Rep 961994	670	<1	8	<10	74.8	61	<0.5	157	<1	258

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 961999	50	<1	<1	<10	<0.5	<3	<0.5	1	<1	49
*Std MMISRM16	440	<1	<1	<10	20.1	8	<0.5	51	<1	11
*Std MMISRM18	1240	<1	<1	<10	14.5	4	<0.5	28	<1	14
*Blk BLANK	<10	<1	<1	<10	0.6	16	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5

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Final : TO116373 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
961921	16	190	235
961922	10	340	120
961923	14	320	86
961924	11	160	80
961925	13	170	109
961926	13	140	71
961927	31	240	205
961928	127	320	135
961929	18	120	147
961930	51	210	271
961931	30	130	165
961932	23	120	172
961933	36	430	72
961934	36	120	17
961935	28	410	197
961936	45	690	351
961937	20	450	96
961938	41	500	180
961939	37	300	295
961940	40	270	257
961941	47	410	174
961942	95	300	225
961943	80	210	242
961944	47	300	192
961945	101	1320	120
961946	35	990	153
961947	<1	<20	<5
961948	192	240	74
961949	104	350	148
961950	18	80	222
961951	58	210	10
961952	13	80	24
961953	22	550	71
961954	33	40	99
961955	18	350	387
961956	40	1020	225
961957	34	70	13
961958	6	30	185
961959	3	80	35
961960	<1	40	386
961961	17	210	956
961962	24	440	459
961963	17	200	411

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Final : TO116373 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
961964	3	60	97
961965	5	200	204
961966	6	130	104
961967	19	590	30
961968	58	510	178
961969	19	320	123
961970	19	240	226
961971	14	130	128
961972	25	50	90
961973	25	2100	151
961974	3	<20	11
961975	48	660	191
961976	22	220	103
961977	46	440	154
961978	44	240	256
961979	29	120	220
961980	21	90	179
961981	37	520	232
961982	39	560	228
961983	2	7030	18
961984	3	<20	<5
961985	9	<20	<5
961986	<1	<20	<5
961987	<1	<20	<5
961988	47	530	76
961989	11	590	256
961990	15	320	164
961991	6	1940	126
961992	7	6080	25
961993	7	160	13
961994	20	2740	101
961995	15	550	57
961996	18	840	78
961997	15	19700	115
961998	8	140	31
961999	3	30	<5
962000	53	390	52
*Rep 961921	15	190	213
*Rep 961935	23	460	180
*Rep 961948	243	300	118
*Rep 961968	63	500	165
*Rep 961981	33	490	215
*Rep 961994	23	3100	121

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Final : TO116373 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
*Rep 961999	3	30	<5
*Std MMISRM16	<1	280	<5
*Std MMISRM18	<1	690	22
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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Certificate of Analysis

Work Order: TO116374

To: **COD SGS Minerals**
C/O P.O. Box 439
Whiffen Head Road
ARNOLD COVE
NF A0B 1A0

Date: Sep 16, 2011

P.O. No.	:	Escape Gold
Project No.	:	-
No. Of Samples	:	80
Date Submitted	:	Aug 31, 2011
Report Comprises	:	Pages 1 to 19 (Inclusive of Cover Sheet)

Distribution of unused material:
Return to client:

Certified By :

Lawrence Ng
Regional Business Manager (GEOCHEM)

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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SGS

Final : TO116374 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961701	23	183	20	0.3	1230	<1	50	16	1400	534
961702	<1	81	<10	<0.1	400	<1	130	18	44	152
961703	10	212	30	0.1	1590	1	30	28	897	385
961704	10	178	20	0.1	1400	<1	10	21	1440	145
961705	53	151	40	<0.1	1530	<1	100	23	2830	87
961706	126	53	30	1.8	80	<1	130	7	22	88
961707	5	1	<10	3.1	<10	<1	<10	2	<5	5
961708	20	100	650	0.2	30	<1	50	62	202	736
961709	34	199	10	<0.1	460	<1	40	29	318	86
961710	3	225	30	<0.1	1970	<1	20	5	2410	61
961711	3	126	40	0.2	2150	<1	90	3	2570	146
961712	6	205	40	0.1	2590	1	40	6	2280	169
961713	3	192	10	<0.1	1050	<1	<10	2	390	87
961714	<1	4	<10	<0.1	<10	<1	<10	<1	18	<5
961715	1	219	<10	<0.1	80	<1	<10	<1	207	11
961716	9	141	<10	<0.1	30	<1	<10	4	74	13
961717	17	143	10	0.2	320	<1	<10	1	903	25
961718	10	167	20	0.1	170	<1	<10	2	1090	39
961719	7	175	40	0.1	760	<1	<10	5	2040	76
961720	5	234	30	0.2	580	<1	<10	4	668	22
961721	13	251	30	0.1	790	<1	<10	7	622	81
961722	6	110	<10	<0.1	50	<1	<10	<1	236	8
961723	1	10	<10	<0.1	20	<1	<10	<1	57	<5
961724	96	74	<10	0.2	190	<1	<10	7	578	20
961725	47	247	50	0.2	270	<1	<10	20	197	59
961726	191	62	20	0.6	10	<1	<10	7	30	28
961727	40	27	10	0.4	20	<1	160	10	321	110
961728	5	6	10	<0.1	<10	<1	<10	<1	89	9
961729	57	13	<10	0.2	10	<1	<10	<1	166	30
961730	74	19	50	0.8	20	<1	<10	<1	235	6
961731	52	177	60	<0.1	80	<1	<10	6	425	53
961732	133	164	20	<0.1	100	<1	<10	5	601	32
961733	8	13	<10	<0.1	<10	<1	<10	<1	<5	<5
961734	10	102	40	0.2	1520	<1	90	6	1690	99
961735	8	150	<10	<0.1	100	<1	<10	3	160	14
961736	4	43	<10	<0.1	30	<1	<10	<1	266	8
961737	37	180	130	0.9	110	1	<10	5	675	29
961738	33	117	<10	0.2	60	<1	<10	1	123	11
961739	9	151	10	<0.1	210	<1	<10	1	171	21
961740	5	157	10	<0.1	190	<1	<10	<1	202	11
961741	5	178	20	<0.1	840	<1	<10	2	1610	49
961742	<1	11	<10	<0.1	<10	<1	<10	<1	170	<5
961743	1	5	<10	<0.1	<10	<1	<10	<1	<5	<5

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Final : TO116374 Order: Escape Gold

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961744	13	32	<10	0.2	1030	<1	250	13	560	45
961745	26	58	20	0.5	430	<1	180	7	118	88
961746	110	61	70	1.6	80	<1	40	4	1560	118
961747	238	164	30	0.6	80	<1	<10	30	16	193
961748	145	217	30	0.9	100	<1	<10	17	47	104
961749	71	172	60	0.6	100	<1	<10	10	59	91
961750	63	208	60	1.2	130	1	20	10	333	81
961751	71	64	50	1.1	310	<1	170	32	68	294
961752	132	215	90	1.7	80	<1	20	10	260	46
961753	165	217	90	0.7	110	<1	30	22	115	192
961754	15	6	<10	<0.1	<10	<1	<10	<1	52	<5
961755	7	174	70	0.5	70	<1	<10	5	151	54
961756	28	67	<10	0.4	20	<1	<10	<1	156	21
961757	3	49	30	0.3	<10	<1	<10	<1	17	<5
961758	55	48	70	0.6	30	2	<10	19	180	33
961759	424	103	<10	<0.1	10	<1	<10	5	35	26
961760	56	217	80	0.6	50	<1	<10	12	389	132
961761	38	238	150	0.3	40	<1	<10	5	1740	79
961762	287	152	120	2.4	50	3	<10	8	1510	36
961763	47	7	40	0.6	20	<1	<10	<1	146	<5
961764	102	29	30	0.5	20	<1	<10	2	509	<5
961765	174	42	200	0.3	<10	<1	<10	1	488	13
961766	95	141	30	<0.1	140	<1	40	66	58	360
961767	85	149	230	0.9	40	14	<10	4	155	7
961768	110	131	50	0.3	230	2	<10	5	65	<5
961769	369	100	90	0.6	20	4	<10	2	148	<5
961770	18	158	20	<0.1	180	<1	<10	2	170	34
961771	23	205	50	0.2	120	<1	<10	2	669	123
961772	<1	192	10	<0.1	40	<1	<10	<1	50	7
961773	18	3	<10	1.9	<10	<1	140	3	<5	14
961774	24	4	<10	7.2	<10	<1	60	4	<5	44
961775	28300	<1	520	346	<10	54	<10	<1	<5	<5
961776	317	254	30	0.6	570	<1	<10	16	54	53
961777	47	81	40	0.5	60	<1	<10	42	271	901
961778	26	187	80	0.9	210	2	<10	12	414	67
961779	19	71	10	0.1	750	<1	220	11	539	71
961780	14	47	10	0.3	1390	<1	160	10	514	182
*Rep 961713	5	208	20	0.2	1030	<1	<10	6	445	112
*Rep 961716	9	137	<10	<0.1	30	<1	<10	3	70	11
*Rep 961737	32	173	130	0.8	110	1	<10	6	582	27
*Rep 961749	83	191	80	1.0	80	<1	<10	12	80	85
*Rep 961761	35	230	120	0.2	40	<1	<10	7	1700	73
*Rep 961771	28	207	60	0.2	140	<1	<10	2	805	118

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 961779	20	92	<10	0.1	860	<1	220	11	467	73
*Std MMISRM16	18	36	20	22.6	50	<1	160	5	16	67
*Std MMISRM18	28	23	20	9.9	150	<1	160	85	17	77
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Final : TO116374 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961701	100	4.3	1460	117	58.0	36.9	113	19	153	<1
961702	<100	<0.5	1150	7	4.4	1.5	110	2	6	<1
961703	200	1.4	1250	153	91.7	32.0	235	19	144	<1
961704	<100	10.6	2510	191	87.6	59.2	51	20	248	1
961705	100	2.6	1650	411	192	139	73	37	599	1
961706	<100	0.8	260	4	2.2	1.3	108	3	5	<1
961707	<100	7.7	70	4	2.1	2.2	6	<1	9	<1
961708	<100	1.2	9730	146	67.3	66.8	190	7	213	1
961709	<100	3.0	840	19	8.9	6.7	69	9	24	<1
961710	400	5.0	680	127	57.4	45.8	185	39	187	<1
961711	200	1.6	950	212	103	68.9	155	39	297	<1
961712	400	3.3	1210	162	80.3	49.7	272	36	214	<1
961713	100	4.0	1260	17	9.4	5.0	314	9	19	<1
961714	<100	1.0	20	<1	<0.5	0.5	237	<1	1	<1
961715	<100	<0.5	590	9	6.2	2.6	92	5	10	<1
961716	100	2.1	1540	19	20.1	3.0	296	6	10	<1
961717	<100	9.4	920	64	25.5	28.5	35	19	93	1
961718	100	9.3	1370	75	28.4	28.8	74	20	112	<1
961719	200	6.3	940	139	57.8	50.9	124	35	205	<1
961720	200	2.5	1720	67	37.1	17.2	242	18	69	<1
961721	200	2.5	1350	80	42.6	17.9	159	22	79	<1
961722	<100	2.2	5270	13	9.5	4.7	260	8	15	<1
961723	<100	8.9	40	1	0.9	1.3	389	1	3	<1
961724	<100	6.2	630	44	17.7	18.5	17	10	74	<1
961725	200	3.0	1170	17	8.2	6.3	333	19	21	<1
961726	<100	2.4	2040	13	9.2	4.4	164	3	17	<1
961727	<100	3.5	1100	19	8.7	10.8	190	4	38	<1
961728	<100	0.7	120	3	1.4	2.1	552	1	6	<1
961729	100	5.8	460	6	4.1	3.9	715	3	10	<1
961730	100	17.5	310	9	4.9	6.5	519	8	17	3
961731	300	7.6	950	37	21.1	18.0	379	43	57	<1
961732	200	8.8	800	82	46.6	32.6	240	21	113	<1
961733	<100	39.8	40	<1	<0.5	<0.5	111	<1	<1	<1
961734	300	3.5	1980	119	56.9	39.6	180	27	170	<1
961735	100	4.9	1140	15	15.0	4.4	341	9	13	<1
961736	200	2.4	2040	10	5.4	5.7	432	6	17	<1
961737	200	4.4	1580	50	27.5	16.0	477	9	58	5
961738	<100	2.0	3720	6	3.4	2.0	226	3	7	<1
961739	200	3.7	710	22	18.8	5.2	325	10	17	<1
961740	100	5.8	1030	27	27.3	6.1	282	8	20	<1
961741	200	4.5	2300	280	193	41.3	281	20	215	<1
961742	<100	0.5	200	9	4.7	5.3	366	1	16	<1
961743	<100	0.6	30	<1	<0.5	<0.5	125	<1	<1	<1

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Final : TO116374 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
961744	<100	<0.5	2700	38	20.3	13.4	32	5	61	<1
961745	<100	0.8	350	10	5.0	3.8	92	4	16	<1
961746	<100	1.1	2050	134	70.2	61.1	106	17	253	4
961747	<100	2.5	8880	14	13.7	0.9	165	5	4	<1
961748	100	1.2	1970	12	9.2	2.3	203	5	9	2
961749	<100	0.9	3160	9	6.0	2.2	283	7	8	1
961750	100	2.7	3310	38	20.3	14.0	238	9	47	3
961751	<100	1.0	1810	9	4.8	3.2	167	4	11	2
961752	100	1.5	1910	20	9.0	8.7	216	8	28	2
961753	200	2.6	1830	13	6.8	4.5	227	6	15	2
961754	<100	3.3	180	3	1.4	1.7	436	2	4	<1
961755	200	4.6	1170	21	11.6	8.2	178	14	30	1
961756	<100	5.1	800	8	5.1	3.7	602	3	11	<1
961757	100	5.9	600	3	2.2	1.5	273	11	4	<1
961758	<100	7.6	730	18	10.5	5.7	219	5	19	6
961759	<100	<0.5	5100	19	29.1	1.5	234	4	6	<1
961760	200	2.0	3510	44	24.4	15.2	262	11	54	3
961761	200	3.6	7320	137	63.3	61.9	189	14	224	2
961762	200	4.6	7020	107	50.6	39.0	137	15	154	16
961763	100	21.6	320	4	2.2	3.4	515	9	9	2
961764	100	22.5	800	30	16.3	14.8	240	9	45	2
961765	200	1.6	1580	52	25.2	30.5	254	15	90	2
961766	100	<0.5	2970	11	4.4	5.0	207	11	16	<1
961767	<100	13.0	750	22	13.5	4.6	124	4	17	117
961768	<100	3.5	350	8	5.1	2.1	248	6	7	6
961769	<100	14.4	660	23	13.1	6.0	108	3	23	17
961770	100	0.9	1850	8	4.4	2.5	364	3	9	3
961771	<100	3.6	1470	121	65.0	41.1	165	11	153	1
961772	<100	<0.5	160	3	2.9	0.7	52	1	3	<1
961773	<100	1.8	10	<1	0.6	<0.5	5	<1	1	<1
961774	<100	2.3	20	13	6.6	5.1	27	<1	21	<1
961775	<100	<0.5	150	<1	<0.5	<0.5	106	<1	<1	30200
961776	100	1.8	620	6	3.5	1.7	263	5	5	42
961777	<100	1.9	9910	142	89.6	27.1	96	4	137	6
961778	100	2.4	3910	144	81.5	40.5	196	10	154	3
961779	<100	0.7	1770	45	24.2	14.6	52	4	62	1
961780	<100	0.7	1270	86	45.0	28.8	30	6	130	<1
*Rep 961713	200	5.4	1360	24	14.5	6.3	290	11	24	<1
*Rep 961716	100	2.1	1570	17	18.1	2.8	279	6	9	<1
*Rep 961737	100	3.6	1470	44	23.8	13.7	430	8	48	6
*Rep 961749	100	1.6	3580	13	8.7	3.1	272	8	11	1
*Rep 961761	100	2.9	7130	128	58.6	58.3	169	14	210	2
*Rep 961771	100	3.8	1690	124	64.1	45.3	178	13	167	1

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Final : TO116374 Order: Escape Gold

Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
*Rep 961779	<100	0.6	1720	52	27.7	14.7	63	3	63	<1
*Std MMISRM16	<100	12.7	730	2	0.9	1.0	3	<1	4	17
*Std MMISRM18	<100	6.7	930	2	1.0	0.9	3	<1	4	9
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
961701	<0.5	8.6	756	<5	9	26800	<5	7.1	834	384
961702	<0.5	9.4	24	<5	71	12500	<5	0.6	28	2320
961703	<0.5	15.0	392	<5	16	15800	<5	10.4	585	817
961704	<0.5	18.9	784	<5	2	12900	<5	5.7	1180	219
961705	<0.5	3.9	2180	<5	41	3020	<5	4.9	3080	341
961706	<0.5	3.6	8	<5	58	1160	7	1.6	16	112
961707	<0.5	2.2	2	<5	1	590	<5	<0.5	21	85
961708	<0.5	2.6	155	<5	2	15800	<5	<0.5	443	8130
961709	<0.5	3.8	99	<5	2	1650	<5	3.6	114	109
961710	<0.5	8.6	1200	<5	5	1900	5	11.8	1310	97
961711	<0.5	9.9	1440	<5	31	8570	6	13.8	1840	393
961712	<0.5	7.4	1040	<5	12	4740	5	14.7	1310	246
961713	<0.5	9.5	176	<5	2	750	<5	11.9	141	240
961714	<0.5	3.3	6	<5	2	30	<5	<0.5	13	49
961715	<0.5	6.3	134	<5	1	20	<5	0.8	77	123
961716	0.7	3.4	24	<5	<1	30	<5	8.8	56	124
961717	<0.5	4.7	147	<5	<1	740	7	4.5	592	47
961718	<0.5	4.2	316	<5	<1	1990	9	7.1	675	63
961719	<0.5	4.8	828	<5	<1	4040	8	14.3	1320	72
961720	<0.5	5.9	262	<5	<1	700	5	11.8	351	108
961721	<0.5	7.5	250	<5	2	2100	<5	11.8	357	179
961722	0.6	4.3	97	<5	1	60	<5	2.3	122	69
961723	<0.5	2.9	22	<5	2	40	<5	5.9	34	35
961724	<0.5	5.8	181	<5	<1	430	9	1.1	409	42
961725	<0.5	6.0	113	<5	<1	460	6	10.3	107	317
961726	0.6	4.9	9	<5	<1	710	<5	0.7	33	101
961727	<0.5	2.8	154	<5	11	1980	<5	<0.5	228	1110
961728	<0.5	3.4	35	<5	<1	20	<5	<0.5	60	38
961729	0.5	11.5	67	<5	<1	20	<5	<0.5	108	64
961730	1.0	7.5	85	<5	<1	40	6	0.9	167	49
961731	0.7	7.4	110	<5	1	2060	6	20.1	325	120
961732	<0.5	8.7	177	<5	1	1460	<5	11.0	565	75
961733	<0.5	3.1	<1	<5	<1	<10	<5	<0.5	<1	24
961734	<0.5	7.9	764	<5	15	3300	7	10.9	1100	408
961735	<0.5	4.6	61	<5	<1	40	<5	9.0	99	148
961736	0.6	3.6	106	<5	1	40	<5	1.6	167	92
961737	0.6	5.3	354	<5	<1	220	198	3.1	349	146
961738	<0.5	4.1	75	<5	1	40	<5	0.9	53	138
961739	<0.5	6.6	54	<5	2	220	<5	11.6	104	155
961740	<0.5	5.1	73	<5	<1	30	<5	10.2	132	149
961741	<0.5	8.4	920	<5	2	700	8	12.5	1060	212
961742	<0.5	2.2	47	<5	4	50	<5	<0.5	138	37
961743	<0.5	2.0	1	<5	2	30	<5	<0.5	2	37

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Final : TO116374 Order: Escape Gold

Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
961744	<0.5	10.4	319	8	109	2370	<5	<0.5	429	1020
961745	<0.5	5.1	34	<5	56	3650	8	1.6	67	134
961746	<0.5	3.2	568	<5	<1	1600	12	2.2	1390	1630
961747	<0.5	3.6	8	<5	<1	170	5	1.4	10	799
961748	<0.5	3.7	21	<5	<1	250	8	1.9	29	316
961749	<0.5	7.2	29	<5	<1	200	5	2.3	32	380
961750	<0.5	6.3	157	<5	<1	1290	13	4.2	213	294
961751	<0.5	4.1	31	<5	12	6230	13	3.3	47	1070
961752	<0.5	2.4	134	<5	<1	470	17	4.5	151	250
961753	<0.5	3.6	50	<5	2	1510	6	2.0	63	461
961754	<0.5	0.8	19	<5	<1	20	<5	<0.5	36	21
961755	<0.5	2.0	57	<5	<1	540	13	4.5	121	100
961756	0.6	1.8	78	<5	<1	40	<5	<0.5	83	146
961757	<0.5	2.3	5	<5	<1	80	<5	1.7	17	25
961758	0.6	11.5	71	<5	<1	240	10	<0.5	114	141
961759	2.6	5.3	15	<5	<1	40	<5	<0.5	24	72
961760	0.5	5.2	185	<5	<1	980	8	3.7	217	212
961761	0.7	1.3	644	<5	<1	1960	<5	<0.5	1140	119
961762	0.6	7.6	594	<5	<1	1040	21	1.1	899	122
961763	1.3	4.5	53	<5	<1	20	<5	0.6	96	17
961764	4.4	7.2	194	<5	<1	30	6	<0.5	345	23
961765	1.3	2.1	121	<5	<1	390	<5	1.6	562	50
961766	<0.5	4.7	24	<5	8	940	<5	2.0	54	1390
961767	<0.5	10.0	36	<5	<1	1440	141	0.7	73	33
961768	<0.5	8.0	31	<5	<1	430	11	2.5	33	42
961769	<0.5	4.5	63	<5	<1	160	81	0.7	101	26
961770	<0.5	4.6	102	<5	1	70	<5	1.0	73	211
961771	0.6	4.6	209	<5	<1	2650	<5	5.7	570	122
961772	<0.5	0.7	33	<5	1	<10	<5	<0.5	21	125
961773	<0.5	3.3	<1	<5	42	2570	<5	<0.5	<1	121
961774	<0.5	2.2	2	<5	14	4070	<5	<0.5	15	184
961775	<0.5	0.4	1	<5	<1	20	<5	<0.5	<1	13
961776	<0.5	4.8	28	<5	1	260	5	2.7	24	148
961777	<0.5	4.3	133	<5	1	8520	<5	0.7	352	1320
961778	<0.5	10.4	88	<5	3	1950	8	8.7	495	474
961779	<0.5	6.3	231	<5	68	3850	<5	0.8	347	758
961780	<0.5	13.2	480	<5	66	8850	7	1.4	710	380
*Rep 961713	<0.5	9.6	189	<5	2	1140	<5	11.1	167	223
*Rep 961716	0.7	3.1	23	<5	<1	30	<5	8.5	55	116
*Rep 961737	0.6	7.9	309	<5	<1	190	177	2.8	299	122
*Rep 961749	<0.5	5.6	39	<5	<1	340	5	2.5	42	333
*Rep 961761	0.6	1.9	632	<5	<1	1780	<5	<0.5	1110	119
*Rep 961771	0.6	4.8	265	<5	<1	2580	<5	6.4	651	122

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
*Rep 961779	<0.5	6.2	178	<5	65	2770	<5	0.8	300	1010
*Std MMISRM16	<0.5	32.4	4	<5	21	100	59	<0.5	15	308
*Std MMISRM18	<0.5	27.6	4	<5	90	540	37	<0.5	12	565
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	10

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961701	3.8	220	<1	212	<1	181	<1	162	171	<1
961702	0.9	20	<1	7	<1	62	<1	16	6	<1
961703	8.1	400	<1	134	<1	103	<1	157	136	1
961704	3.6	240	<1	280	<1	334	<1	154	267	<1
961705	2.0	240	<1	740	<1	120	<1	146	614	<1
961706	1.3	580	<1	3	<1	38	2	10	4	<1
961707	0.3	<10	<1	2	<1	15	<1	6	7	<1
961708	3.3	400	2	74	<1	12	<1	602	161	<1
961709	1.2	310	<1	27	<1	102	<1	56	27	<1
961710	5.8	360	<1	343	<1	156	<1	126	234	1
961711	4.6	370	<1	456	<1	122	1	187	339	2
961712	7.3	390	<1	322	<1	135	<1	155	247	2
961713	10.9	70	<1	39	<1	173	<1	51	24	<1
961714	0.7	<10	<1	3	<1	16	<1	11	3	<1
961715	3.8	20	<1	22	<1	7	<1	15	12	<1
961716	5.8	290	<1	12	<1	113	<1	146	14	<1
961717	3.2	320	<1	122	<1	216	<1	121	147	<1
961718	3.2	330	<1	158	<1	203	<1	55	135	<1
961719	7.2	250	<1	324	<1	167	<1	142	251	1
961720	8.9	590	<1	86	<1	161	<1	93	77	<1
961721	4.6	410	<1	82	<1	127	<1	90	79	1
961722	2.0	20	<1	32	<1	47	<1	63	24	<1
961723	1.9	<10	<1	8	<1	17	<1	30	7	<1
961724	0.4	430	<1	84	<1	191	<1	44	86	<1
961725	4.2	740	<1	26	<1	108	1	60	24	1
961726	1.9	14700	<1	5	<1	47	<1	87	15	<1
961727	0.9	120	<1	50	<1	13	<1	33	50	<1
961728	1.3	20	<1	14	<1	17	<1	51	12	<1
961729	4.5	20	<1	26	<1	53	<1	68	20	<1
961730	3.4	180	<1	39	<1	57	4	77	34	<1
961731	4.0	290	<1	62	<1	128	2	397	82	4
961732	3.0	280	<1	110	<1	153	<1	212	140	2
961733	0.2	10	<1	<1	<1	62	<1	34	<1	<1
961734	4.4	300	<1	261	<1	149	1	130	216	1
961735	3.2	510	<1	24	<1	139	<1	97	20	<1
961736	2.7	30	<1	41	<1	38	<1	131	31	<1
961737	6.6	540	<1	90	<1	100	9	123	70	<1
961738	2.2	20	<1	15	<1	66	<1	29	9	<1
961739	3.2	290	<1	22	<1	139	<1	141	25	1
961740	4.3	600	<1	31	<1	178	<1	91	28	<1
961741	5.5	450	<1	279	<1	246	<1	80	202	<1
961742	2.4	30	<1	31	<1	14	<1	20	28	<1
961743	0.3	<10	<1	<1	<1	7	<1	11	<1	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961744	0.2	30	<1	100	<1	43	<1	16	74	<1
961745	0.6	290	<1	13	<1	32	2	10	17	<1
961746	1.1	730	<1	303	<1	21	3	359	235	<1
961747	1.7	3790	<1	2	<1	37	2	52	3	<1
961748	6.3	3160	<1	7	<1	42	2	58	8	<1
961749	5.8	290	<1	7	<1	41	2	71	7	<1
961750	7.5	2000	<1	48	<1	76	3	115	48	<1
961751	2.8	420	<1	10	<1	22	3	42	11	<1
961752	4.2	1830	<1	36	<1	55	4	73	32	<1
961753	6.5	800	<1	14	<1	41	1	54	16	<1
961754	1.7	30	<1	8	<1	9	<1	67	8	<1
961755	3.7	670	<1	24	<1	68	4	112	33	<1
961756	1.7	120	<1	21	<1	37	<1	94	16	<1
961757	1.1	660	<1	3	<1	28	<1	280	6	<1
961758	3.0	1370	<1	27	<1	81	5	38	23	<1
961759	3.1	210	<1	5	<1	20	<1	271	6	<1
961760	6.0	1520	<1	49	<1	36	2	133	54	<1
961761	7.3	180	<1	256	<1	19	<1	409	255	<1
961762	5.3	2350	<1	218	<1	53	12	254	170	<1
961763	3.9	270	<1	23	<1	48	1	124	20	<1
961764	2.0	3500	<1	80	<1	69	2	388	75	<1
961765	2.3	1340	<1	108	<1	21	<1	401	148	<1
961766	2.1	1010	<1	10	<1	36	<1	98	18	<1
961767	3.1	11600	8	16	1	93	41	70	17	<1
961768	5.6	1680	<1	8	<1	65	5	27	8	<1
961769	2.4	3980	1	23	<1	52	15	59	23	<1
961770	11.0	50	<1	21	<1	37	<1	17	13	<1
961771	3.3	2060	<1	107	<1	94	<1	194	154	<1
961772	1.2	10	<1	6	<1	<5	<1	9	3	<1
961773	0.3	<10	<1	<1	<1	16	<1	<5	<1	<1
961774	0.4	<10	<1	1	<1	11	<1	<5	10	<1
961775	0.6	446018	<1	<1	<1	<5	1160	<5	2	49
961776	7.3	7960	<1	6	<1	98	11	44	5	<1
961777	3.3	200	<1	66	<1	37	3	267	101	4
961778	3.9	8500	<1	80	<1	122	3	281	165	1
961779	0.5	160	<1	79	<1	55	<1	37	68	<1
961780	1.1	70	<1	156	<1	107	<1	41	138	<1
*Rep 961713	11.9	160	<1	46	<1	207	<1	68	31	<1
*Rep 961716	5.7	290	<1	12	<1	104	<1	140	13	<1
*Rep 961737	6.3	510	<1	78	<1	101	9	110	59	<1
*Rep 961749	6.3	780	<1	10	<1	42	3	88	11	<1
*Rep 961761	7.3	190	<1	250	<1	20	<1	375	247	<1
*Rep 961771	3.6	2120	<1	126	<1	99	<1	198	171	<1

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Final : TO116374 Order: Escape Gold

Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 961779	0.4	220	<1	66	<1	62	<1	52	66	<1
*Std MMISRM16	0.3	80	28	3	<1	336	<1	7	4	<1
*Std MMISRM18	0.7	220	18	2	7	162	<1	<5	4	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961701	170	<1	24	<10	107	1980	0.8	54	1	596
961702	360	<1	1	<10	8.4	72	<0.5	22	<1	42
961703	140	1	26	<10	134	2560	0.9	49	2	807
961704	90	<1	39	<10	91.7	1730	1.2	151	1	875
961705	230	1	86	<10	149	1350	0.7	113	2	1940
961706	120	<1	<1	<10	9.7	701	<0.5	12	<1	16
961707	<10	<1	<1	<10	<0.5	<3	<0.5	2	<1	37
961708	10	<1	30	<10	6.4	92	<0.5	2	<1	632
961709	80	<1	4	<10	97.8	972	1.0	35	<1	89
961710	120	1	29	<10	210	2680	1.4	48	2	623
961711	320	1	45	<10	233	3790	1.0	69	3	1050
961712	170	1	34	<10	232	3390	1.2	57	2	835
961713	50	<1	3	<10	107	1530	1.2	32	<1	75
961714	<10	<1	<1	<10	<0.5	<3	<0.5	6	<1	<5
961715	<10	<1	2	<10	5.1	130	<0.5	30	<1	52
961716	<10	<1	2	<10	49.2	932	0.9	353	<1	62
961717	20	<1	14	<10	76.7	1090	1.3	65	1	166
961718	<10	<1	17	<10	162	1090	1.4	96	2	219
961719	10	1	31	<10	140	3710	1.0	53	3	635
961720	80	<1	12	<10	185	2320	0.8	107	1	288
961721	20	<1	14	<10	161	3020	0.5	49	1	431
961722	<10	<1	3	<10	11.6	529	<0.5	264	<1	46
961723	<10	<1	<1	<10	64.8	167	<0.5	14	<1	<5
961724	40	<1	10	<10	32.6	271	0.6	37	<1	237
961725	10	<1	3	<10	59.0	3130	0.6	33	<1	79
961726	<10	<1	2	<10	9.2	275	<0.5	39	<1	65
961727	130	<1	5	<10	26.8	17	<0.5	109	<1	89
961728	<10	<1	<1	<10	12.4	83	<0.5	8	<1	9
961729	<10	<1	2	<10	121	20	<0.5	88	<1	17
961730	<10	<1	2	<10	93.2	130	0.9	110	<1	35
961731	<10	<1	8	<10	133	5420	1.6	253	2	136
961732	<10	<1	16	<10	158	2690	3.7	393	1	318
961733	<10	<1	<1	<10	2.4	57	<0.5	19	<1	<5
961734	270	<1	26	<10	222	2330	0.8	86	2	638
961735	<10	<1	3	<10	84.1	1070	1.5	230	<1	62
961736	<10	<1	2	<10	13.2	299	<0.5	147	<1	32
961737	<10	<1	10	<10	117	561	1.1	310	1	207
961738	<10	<1	1	<10	7.3	166	0.9	110	<1	26
961739	20	<1	3	<10	159	2180	1.1	62	<1	97
961740	10	<1	4	<10	125	1200	0.9	80	<1	103
961741	50	1	42	<10	123	1660	1.0	34	3	1320
961742	<10	<1	2	<10	1.8	43	<0.5	9	<1	17
961743	<10	<1	<1	<10	0.7	<3	<0.5	8	<1	<5

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
961744	690	<1	9	<10	128	40	<0.5	67	<1	240
961745	120	<1	2	<10	35.4	404	<0.5	26	<1	54
961746	10	<1	30	<10	64.9	1040	<0.5	35	<1	950
961747	20	<1	1	<10	13.0	961	<0.5	45	<1	99
961748	<10	<1	2	<10	24.6	676	0.5	29	<1	68
961749	10	<1	1	<10	26.1	1340	<0.5	31	<1	46
961750	10	<1	7	<10	50.6	1970	0.7	60	<1	217
961751	150	<1	2	<10	24.9	1680	<0.5	31	<1	45
961752	<10	<1	4	<10	49.3	1530	0.9	63	<1	94
961753	60	<1	3	<10	28.8	802	0.7	33	<1	65
961754	<10	<1	<1	<10	35.0	64	<0.5	34	<1	7
961755	<10	<1	4	<10	38.3	2350	<0.5	24	<1	111
961756	<10	<1	2	<10	95.7	77	<0.5	77	<1	41
961757	<10	<1	<1	<10	172	715	<0.5	39	<1	8
961758	<10	<1	3	<10	66.4	94	1.2	147	<1	94
961759	<10	<1	2	<10	73.5	115	<0.5	449	<1	108
961760	<10	<1	9	<10	42.5	1230	0.5	90	<1	215
961761	<10	<1	31	<10	32.1	66	<0.5	122	<1	510
961762	<10	<1	23	<10	95.4	618	0.9	244	<1	478
961763	<10	<1	1	<10	735	90	0.6	99	<1	13
961764	<10	<1	7	<10	1570	86	1.1	414	<1	97
961765	<10	<1	12	<10	85.7	1360	<0.5	448	1	143
961766	60	<1	2	<10	12.9	556	<0.5	9	<1	42
961767	<10	<1	3	<10	85.7	211	4.4	277	3	113
961768	20	<1	1	<10	45.4	696	1.1	55	<1	40
961769	<10	<1	4	<10	73.1	225	2.4	276	1	118
961770	<10	<1	1	<10	35.7	123	<0.5	111	<1	29
961771	<10	<1	21	<10	149	1550	0.5	45	<1	557
961772	<10	<1	<1	<10	0.9	9	<0.5	3	<1	15
961773	120	<1	<1	<10	<0.5	<3	<0.5	2	<1	9
961774	20	<1	2	<10	<0.5	<3	<0.5	2	<1	118
961775	40	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
961776	40	<1	<1	<10	17.8	624	0.6	19	1	28
961777	<10	<1	22	<10	12.5	927	<0.5	7	<1	910
961778	10	<1	23	<10	167	2490	1.6	244	2	474
961779	750	<1	8	<10	57.0	161	<0.5	45	<1	246
961780	830	<1	16	<10	51.1	281	0.7	45	<1	489
*Rep 961713	40	<1	4	<10	131	1550	1.2	37	<1	113
*Rep 961716	<10	<1	2	<10	48.4	987	0.9	371	<1	56
*Rep 961737	<10	<1	8	<10	102	473	1.1	317	<1	188
*Rep 961749	<10	<1	2	<10	30.5	1540	<0.5	39	<1	66
*Rep 961761	<10	<1	29	<10	29.0	70	<0.5	133	<1	490
*Rep 961771	<10	<1	22	<10	159	1770	0.6	46	<1	574

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
*Rep 961779	770	<1	9	<10	51.3	111	<0.5	58	<1	282
*Std MMISRM16	470	<1	<1	<10	20.5	14	<0.5	55	<1	10
*Std MMISRM18	1250	<1	<1	<10	12.4	<3	<0.5	26	<1	15
*Blk BLANK	<10	<1	<1	<10	<0.5	8	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	0.7	<3	<0.5	<1	<1	<5

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Final : TO116374 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
961701	43	570	165
961702	4	4320	20
961703	77	1410	234
961704	67	2700	154
961705	142	860	216
961706	2	130	97
961707	2	<20	<5
961708	64	1540	23
961709	6	1040	74
961710	44	460	222
961711	82	230	205
961712	65	350	289
961713	9	260	168
961714	1	<20	6
961715	8	80	15
961716	27	350	83
961717	24	910	149
961718	24	470	194
961719	44	530	241
961720	32	560	262
961721	32	580	251
961722	14	30	30
961723	1	30	133
961724	12	70	38
961725	8	450	169
961726	11	490	47
961727	9	260	155
961728	3	<20	139
961729	7	50	270
961730	7	120	1100
961731	26	660	386
961732	53	560	383
961733	2	60	28
961734	46	560	240
961735	22	320	139
961736	8	40	43
961737	28	480	461
961738	5	40	45
961739	23	610	176
961740	37	350	163
961741	168	740	164
961742	8	30	9
961743	<1	30	<5

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Final : TO116374 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
961744	17	330	44
961745	4	90	62
961746	57	160	274
961747	11	200	94
961748	9	210	273
961749	7	330	185
961750	19	430	641
961751	5	360	254
961752	9	300	817
961753	6	180	197
961754	2	30	123
961755	12	100	185
961756	8	50	472
961757	4	100	285
961758	13	390	1010
961759	44	100	29
961760	25	340	236
961761	59	260	185
961762	46	370	1520
961763	3	60	940
961764	22	110	1380
961765	30	160	197
961766	4	2860	26
961767	15	340	4900
961768	5	270	847
961769	14	120	3120
961770	4	230	141
961771	59	400	177
961772	6	60	9
961773	<1	<20	<5
961774	5	<20	<5
961775	<1	170	9
961776	4	100	127
961777	81	1030	26
961778	84	2060	176
961779	20	450	57
961780	36	510	38
*Rep 961713	14	490	214
*Rep 961716	23	340	82
*Rep 961737	26	510	420
*Rep 961749	9	310	247
*Rep 961761	54	250	184
*Rep 961771	58	400	196

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Final : TO116374 Order: Escape Gold

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
*Rep 961779	23	530	74
*Std MMISRM16	<1	310	20
*Std MMISRM18	<1	860	39
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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2008 – CERTIFICATES: Everton

2008 – Prospection : Everton

ALS Chemex
EXCELLENCE EN ANALYSE CHIMIQUE
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
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A: SERVICES TECHNOMINEX INC.
20, RUE DOYON
ROUYN-NORANDA QC J9P 7B4

Finalisée date: 7-NOV-2008
Compte: TECHNO

REÇU LE 19 NOV. 2008

CERTIFICAT VO08142711

Projet:

Bon de commande #:

Ce rapport s'applique aux 47 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 29-SEPT-2008.

Les résultats sont transmis à:

DANIEL DESROSIERS	MARC LHEUREUX	

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
PUL-31	Pulvérisé à 85 % <75 um
CRU-QC	Test concassage QC
SPL-21	Échant. fractionné - div. riffles
CRU-31	Granulation - 70 % <2 mm
LOG-22	Entrée échantillon - Reçu sans code barre

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	INSTRUMENT
ME-ICP41	Aqua regia ICP-AES 35 éléments	ICP-AES
Ag-OG46	Teneur marchande Ag - Aqua regia	VARIABLE
ME-OG46	Teneur marchandes éléments - Aqua regia	ICP-AES
Pb-OG46	Teneur marchande Pb - Aqua regia	VARIABLE
Zn-OG46	Teneur marchande Zn - Aqua regia	VARIABLE
PGM-ICP27	Pt, Pd et Au 30 g FA ICP	ICP-AES
Au-AA23	Au 30 g fini FA-AA	AAS

A SERVICES TECHNOMINEX INC.
ATTN: DANIEL DESROSIERS
20, RUE DOYON
ROUYN-NORANDA QC J9P 7B4

787508 - 1

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Chemex
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[redacted] SERVICES TECHNOMINES INC.
20, RUE DOYON
ROUYN-NORANDA QC J9P 7B4

Finalisée date: 7-NOV-2008
Compte: TECHNO

CERTIFICAT D'ANALYSE VO08142711

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
10251		0.77	0.321	0.7	0.02	<2	<10	10	<0.5	<2	0.23	<0.5	14	<1	121	32.1
10252		1.51	0.082	0.2	0.21	28	<10	<10	<0.5	4	0.45	<0.5	2	<1	8	21.8
10253		1.53	0.994	<0.2	0.08	32	<10	<10	<0.5	5	1.29	<0.5	1	<1	17	25.4
10254		1.86	<0.005	<0.2	0.10	10	<10	10	<0.5	<2	0.33	<0.5	8	10	63	5.49
10255		1.59	2.21	0.3	0.32	6	<10	10	<0.5	2	1.22	<0.5	11	1	75	21.2
10256		2.22	0.172	<0.2	0.10	<2	<10	<10	<0.5	<2	1.33	<0.5	8	5	25	11.80
10257		2.57	0.074	2.6	0.04	13	<10	10	<0.5	8	0.08	<0.5	<1	<1	249	>50
10258		1.67	0.046	0.4	0.09	<2	<10	<10	<0.5	4	0.11	<0.5	39	4	144	19.2
10259		1.51	0.018	1.1	0.18	<2	<10	10	<0.5	4	0.33	<0.5	27	<1	201	27.7
10260		1.22	0.019	0.2	0.03	3	<10	<10	<0.5	4	0.09	<0.5	1	<1	168	28.8
10261		1.33	<0.005	<0.2	1.30	<2	<10	<10	<0.5	<2	8.48	<0.5	1	4	12	16.6
10262		1.60	0.876	<0.2	0.13	2	<10	10	<0.5	6	4.79	<0.5	<1	<1	28	29.3
10263		1.54	0.009	<0.2	0.27	<2	<10	70	<0.5	<2	0.60	<0.5	4	5	15	2.90
10264		1.03	<0.005	0.3	0.20	4	<10	30	<0.5	<2	0.64	<0.5	3	8	2	1.15
10265		0.44	0.013	<0.2	0.86	49	<10	30	<0.5	<2	0.15	1.8	22	15	240	10.05
10266		1.29	<0.005	0.4	1.19	<2	<10	55	<0.5	<2	0.71	<0.5	5	12	25	4.06
10267		0.94	<0.005	<0.2	2.51	12	<10	260	0.6	<2	0.25	1.8	6	29	172	18.3
10268		0.87	<0.005	0.2	0.09	6	<10	10	<0.5	<2	0.45	0.5	10	15	104	4.65
10269		1.38	<0.005	<0.2	1.69	<2	<10	40	<0.5	<2	0.05	1.0	7	8	140	8.03
10270		1.01	0.008	<0.2	4.69	2	<10	150	1.1	<2	0.32	1.5	11	53	155	13.35
10271		1.18	0.006	<0.2	5.63	2	<10	30	0.5	<2	1.59	1.5	7	17	13	15.6
10301		2.45	0.454	>100	0.03	3800	<10	<10	<0.5	<2	0.09	119.0	2	4	880	22.9
10302		1.21	<0.005	1.6	0.58	4	<10	10	<0.5	<2	1.46	<0.5	2	18	5	20.4
10303		1.67	0.010	<0.2	0.04	2	<10	<10	<0.5	<2	0.08	<0.5	1	11	5	2.03
10304		1.13	0.023	5.5	0.25	32	<10	<10	<0.5	<2	1.67	1.4	<1	<1	19	32.2
10305		0.69	0.029	2.2	0.84	61	<10	10	0.7	<2	2.40	6.1	5	19	245	19.0
10306		0.93	0.011	0.7	0.46	5	<10	20	<0.5	<2	0.09	6.2	15	7	111	7.91
10307		1.66	<0.005	0.7	0.43	44	<10	<10	<0.5	<2	0.02	<0.5	1	16	14	2.26
10308		1.04	<0.005	0.3	0.31	120	<10	<10	<0.5	<2	0.02	<0.5	12	15	120	4.84
10309		2.05	<0.005	<0.2	0.97	6	<10	<10	<0.5	<2	0.10	<0.5	3	17	16	4.80
10310		1.41	<0.005	1.3	0.22	6	<10	<10	<0.5	<2	11.90	<0.5	<1	3	7	18.3
10311		0.77	0.077	2.4	0.35	208	<10	10	<0.5	<2	0.08	<0.5	50	9	131	24.4
10312		1.02	<0.005	<0.2	1.43	<2	<10	50	<0.5	<2	0.58	<0.5	11	18	64	4.17
10313		0.88	<0.005	0.6	0.23	2	<10	30	<0.5	<2	0.98	<0.5	11	5	17	5.81
10314		1.10	<0.005	<0.2	0.02	2	<10	<10	<0.5	<2	0.01	<0.5	11	17	23	1.33
10315		0.98		0.6	2.81	<2	<10	180	<0.5	<2	0.47	<0.5	26	2	158	9.93
10316		1.00		0.4	1.70	<2	<10	50	<0.5	<2	0.51	<0.5	19	1	243	7.30
10317		0.71	0.009	1.1	1.38	<2	<10	70	0.5	<2	0.07	0.9	13	19	123	8.85
10318		1.33	0.015	0.3	3.11	<2	<10	20	<0.5	<2	0.57	<0.5	2	26	45	9.18
10319		0.97	0.169	1.2	1.91	<2	<10	140	1.0	<2	2.25	<0.5	6	16	150	18.6

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Finalisée date: 7-NOV-2008
Compte: TECHNO

CERTIFICAT D'ANALYSE VO08142711

Description échantillon	Méthode élément unités L.D.	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
10251		<10	<1	<0.01	<10	0.49	3000	<1	<0.01	14	560	14	>10.0	7	<1	6
10252		<10	<1	0.01	<10	1.27	11850	<1	<0.01	3	130	4	0.56	4	<1	18
10253		<10	<1	<0.01	<10	2.16	7980	<1	0.01	<1	170	6	1.56	4	<1	26
10254		<10	1	0.05	<10	0.10	300	9	<0.01	24	360	4	3.11	2	<1	11
10255		<10	<1	0.08	<10	0.71	2850	<1	<0.01	2	90	10	6.97	3	<1	51
10256		<10	<1	0.02	<10	0.96	3650	<1	<0.01	4	210	<2	2.43	<2	<1	44
10257		<10	<1	0.01	<10	0.11	441	<1	0.01	154	<10	21	>10.0	13	<1	1
10258		<10	1	0.04	<10	0.37	1160	<1	<0.01	52	<10	<2	>10.0	<2	<1	3
10259		<10	1	0.04	<10	0.44	1675	<1	0.01	73	<10	5	>10.0	6	1	10
10260		<10	<1	0.01	<10	0.41	4970	<1	<0.01	48	30	14	5.25	5	1	2
10261		10	<1	0.02	<10	4.03	6810	<1	0.01	4	750	9	0.49	2	3	278
10262		<10	<1	0.03	<10	4.66	6400	<1	0.01	4	10	14	2.30	7	<1	183
10263		<10	<1	0.25	10	0.09	406	<1	0.03	10	170	8	0.38	<2	<1	39
10264		<10	<1	0.13	10	0.14	314	<1	0.03	4	250	23	0.04	<2	<1	54
10265		<10		0.3	40	0.70	207	4	0.03	51	360	13	6.91	<2		7
10266		<10		0.25	10	0.60	380	<1	0.01	5	2010	8	0.25	<2	1	84
10267		10	<1	1.05	10	2.19	2740	<1	0.04	11	720	<2	0.95	<2		5
10268		<10	<1	0.04	<10	0.07	318	<1	<0.01	18	70	3	2.14	<2	<1	5
10269		10	1	0.10	<10	0.97	482	<1	0.01	14	180	4	1.31	<2	1	3
10270		10	<1	2.13	10	2.20	2480	1	0.01	31	850	9	2.67	2	9	5
10271		20	1	0.20	10	2.27	3960	<1	0.01	6	120	6	0.36	<2	5	10
10301		<10	82	<0.01	<10	0.02	79	<1	0.01	20	<10	>10000	>10.0	296	<1	<1
10302		<10	1	0.01	10	2.00	13350	<1	0.01	10	300	87	0.13	<2	2	36
10303		<10	<1	<0.01	<10	0.05	287	<1	0.01	2	20	13	0.39	<2	<1	1
10304		<10	2	0.02	<10	4.12	11550	<1	0.01	<1	110	869	0.64	<2	<1	42
10305		<10	1	0.06	10	0.49	10350	53	0.01	51	2370	29	2.36	<2	2	46
10306		<10	<1	0.24	20	0.06	63	10	0.02	95	370	28	6.35	2	1	5
10307		<10	1	0.01	<10	0.34	247	1	0.01	5	10	194	0.65	<2	<1	1
10308		<10	<1	0.01	<10	0.27	179	3	0.01	36	50	5	1.95	<2	<1	1
10309		<10	<1	0.03	<10	0.80	400	1	0.01	9	50	3	0.51	<2	1	4
10310		<10	<1	0.01	<10	5.62	5380	1	0.01	1	90	11	0.41	<2	1	305
10311		<10	2	0.16	<10	0.15	69	2	0.03	78	60	119	>10.0	8	1	3
10312		<10	<1	0.24	20	0.75	449	1	0.01	25	250	38	1.11	<2	1	23
10313		<10	<1	0.14	10	0.18	630	<1	0.01	6	3780	20	0.28	<2	<1	104
10314		<10	<1	0.01	<10	0.01	78	<1	0.01	16	30	2	0.49	<2	<1	1
10315		10	1	0.94	10	0.73	1150	<1	0.04	<1	1230	25	1.48	<2	2	8
10316		10	1	0.19	10	0.63	583	<1	0.06	<1	1060	8	0.75	<2	3	7
10317		<10	<1	1.02	30	0.92	625	5	0.02	40	250	104	4.71	<2	3	2
10318		10	<1	0.09	10	1.62	951	<1	0.01	9	30	19	0.28	<2	4	6
10319		<10	1	1.01	10	1.49	2010	<1	0.15	6	250	5	1.83	<2	2	23

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CERTIFICAT D'ANALYSE VO08142711

Description échantillon	Méthode élément unités L.D.	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Ag-OG46 Ag ppm 1	Pb-OG46 Pb % 0.01	Zn-OG46 Zn % 0.01	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001
10251		<20	<0.01	<10	<10	2	<10	5						
10252		<20	<0.01	<10	<10	11	<10	49						
10253		<20	<0.01	<10	<10	6	<10	35						
10254		<20	<0.01	<10	<10	8	<10	36						
10255		<20	<0.01	<10	<10	11	<10	17						
10256		<20	<0.01	<10	<10	5	<10	13						
10257		<20	<0.01	<10	10	3	<10	<2						
10258		<20	<0.01	<10	<10	4	<10	12						
10259		<20	<0.01	<10	<10	5	<10	25						
10260		<20	<0.01	<10	<10	3	<10	65						
10261		<20	0.01	<10	<10	42	<10	75						
10262		<20	<0.01	<10	<10	12	<10	27						
10263		<20	<0.01	<10	<10	2	<10	18						
10264		<20	0.01	<10	<10	2	<10	9						
10265		<20	0.01	<10	<10	14	<10	36						
10266		<20	0.01	<10	<10	3	<10	41						
10267		<20	0.01	<10	<10	34	<10	96						
10268		<20	<0.01	<10	<10	2	<10	3						
10269		<20	0.01	<10	<10	24	<10	40						
10270		<20	0.18	<10	<10	86	<10	219						
10271		<20	0.02	<10	<10	49	<10	101						
10301		<20	<0.01	<10	<10	2	20	>10000	226	5.57	5.99			
10302		<20	0.01	<10	<10	31	<10	110						
10303		<20	<0.01	<10	<10	1	<10	15						
10304		<20	<0.01	<10	<10	16	<10	883						
10305		<20	<0.01	<10	20	100	<10	1160						
10306		<20	<0.01	<10	10	9	<10	1530						
10307		<20	<0.01	<10	<10	15	<10	163						
10308		<20	<0.01	<10	<10	10	<10	27						
10309		<20	<0.01	<10	<10	39	<10	111						
10310		<20	<0.01	<10	<10	15	<10	32						
10311		<20	0.04	<10	<10	11	<10	59						
10312		<20	0.01	<10	<10	13	<10	121						
10313		<20	0.01	<10	<10	3	<10	21						
10314		<20	<0.01	<10	<10	<1	<10	<2						
10315		<20	0.22	<10	<10	2	<10	108				0.006	<0.005	<0.001
10316		<20	0.25	<10	<10	6	<10	44				0.006	<0.005	<0.001
10317		<20	0.09	<10	<10	27	<10	99						
10318		<20	0.03	<10	<10	44	<10	135						
10319		<20	0.01	<10	<10	23	<10	42						

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CERTIFICAT D'ANALYSE VO08142711

Description échantillon	Méthode élément unités L.D.	WEI-21 Poids reçu kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
10320		0.65	<0.005	0.9	2.08	<2	<10	300	0.8	<2	2.46	<0.5	3	18	33	15.6
10321		1.65	0.269	>100	0.02	8140	<10	<10	<0.5	5	0.22	332	5	<1	1340	25.6
10322		1.14	0.306	>100	0.02	3530	<10	10	<0.5	8	0.09	238	<1	<1	634	20.0
10323		1.55	0.487	>100	0.01	8660	<10	<10	<0.5	10	0.30	377	2	<1	299	22.6
10324		0.67	0.544	>100	0.03	3530	<10	<10	<0.5	5	0.84	161.5	7	<1	1145	25.2
10325		1.18	0.261	>100	0.01	579	<10	<10	<0.5	6	0.01	223	1	<1	693	22.5
10326		1.43	0.926	>100	0.09	7550	<10	10	<0.5	<2	1.75	133.0	8	2	245	21.1

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Description échantillon	Méthode élément unités L.D.	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
10320		<10	1	1.09	10	1.64	2030	1	0.24	6	370	4	0.45	<2	2	27
10321		<10	133	0.01	<10	0.08	933	<1	0.01	89	<10	>10000	>10.0	131	<1	7
10322		10	97	0.01	<10	0.02	108	<1	0.01	16	<10	>10000	>10.0	244	<1	1
10323		10	152	0.01	<10	0.13	846	<1	0.01	40	<10	>10000	>10.0	308	<1	8
10324		<10	128	0.01	<10	0.33	901	<1	0.01	54	<10	>10000	>10.0	329	<1	26
10325		<10	167	<0.01	<10	0.07	624	<1	0.01	30	<10	>10000	>10.0	466	<1	1
10326		<10	110	0.05	<10	0.55	1130	1	0.01	24	<10	>10000	>10.0	305	1	29

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Description échantillon	Méthode élément unités L.D.	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Ag-OG46 Ag ppm 1	Pb-OG46 Pb % 0.01	Zn-OG46 Zn % 0.01	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001
10320		<20	0.01	<10	<10	25	<10	45						
10321		<20	<0.01	<10	<10	<1	30	>10000	148	3.38	16.70			
10322		<20	<0.01	<10	<10	1	30	>10000	222	5.33	9.81			
10323		<20	<0.01	<10	<10	1	40	>10000	292	7.43	17.40			
10324		<20	<0.01	<10	10	1	30	>10000	295	7.12	9.57			
10325		<20	<0.01	<10	<10	1	40	>10000	390	9.04	12.05			
10326		<20	<0.01	<10	<10	4	30	>10000	220	5.25	8.16			

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2000 – CERTIFICATES: Noranda

2000 –DDH: Noranda

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BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62337.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 30-JUL-00 PAGE 1A(1/12)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuDup1 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
891231		<5	<.5	24	5	16	1	39	25	<1.0	9	<5	<5	4.55	612	<25	186	138	90	<20	<20	30	5.76	1.17	0.57	4.11	1.21	29	10	13	23	12	9	<5	0.31	111	0.024
891232		<5	<.5	53	<2	128	3	9	20	<1.0	<5	<5	<5	9.53	1873	<25	589	109	24	<20	<20	24	6.80	1.18	3.13	1.09	1.89	102	73	14	26	6	22	<5	0.66	134	0.182
891233		<5	<.5	33	<2	85	1	33	20	<1.0	<5	9	<5	6.44	2316	28	456	149	64	<20	<20	22	7.81	1.11	1.16	3.12	1.40	42	27	12	22	9	13	<5	0.41	125	0.081
891234		<5	<.5	8	3	48	2	38	16	<1.0	<5	<5	<5	5.38	2152	27	678	156	74	<20	<20	24	7.76	1.27	0.96	2.10	1.61	26	6	13	23	10	9	<5	0.29	112	0.015
891235		<5	<.5	12	17	99	3	40	18	<1.0	<5	<5	<5	5.23	2214	<25	537	176	97	<20	<20	28	7.27	1.34	1.20	1.37	1.94	30	6	<10	25	10	11	<5	0.32	113	0.027
891236		<5	<.5	16	12	60	3	43	18	<1.0	<5	<5	<5	6.34	4591	28	414	141	96	<20	<20	34	8.00	1.22	1.06	0.76	1.94	35	7	13	25	11	10	<5	0.35	113	0.124
891237		<5	<.5	31	13	81	2	41	18	<1.0	<5	6	<5	6.86	6105	<25	355	159	96	<20	<20	35	7.93	1.25	1.09	0.68	1.94	36	6	15	27	10	10	<5	0.31	104	0.186
891238		<5	<.5	31	5	94	1	41	19	<1.0	<5	6	<5	7.08	4738	<25	350	178	99	<20	<20	35	8.04	1.17	0.67	1.08	1.97	36	5	15	31	13	9	<5	0.34	127	0.521
891239		<5	<.5	39	5	123	4	53	23	<1.0	<5	<5	<5	8.33	9317	<25	326	208	147	<20	<20	36	9.12	1.24	1.12	1.12	2.12	49	6	17	29	19	13	<5	0.32	85	1.310
891240		<5	<.5	67	14	221	9	70	33	1.6	<5	8	<5	>10.00	1170	<25	389	149	209	<20	<20	64	9.06	0.97	0.55	0.79	2.37	43	16	20	38	51	18	16	0.82	223	4.320
891241		<5	<.5	118	<2	270	9	99	49	2.9	<5	7	<5	>10.00	679	<25	244	173	201	<20	<20	39	6.14	0.87	0.40	0.64	2.12	32	9	<10	33	36	11	12	0.47	154	6.913
891242		<5	<.5	71	4	234	5	69	29	1.9	<5	10	<5	>10.00	966	<25	295	192	240	<20	<20	30	7.09	1.14	0.89	0.51	1.88	33	7	<10	32	30	12	<5	0.31	88	4.989
891243		<5	<.5	113	20	283	11	102	34	1.5	<5	6	<5	>10.00	305	<25	313	114	197	<20	<20	60	7.35	0.91	0.66	0.70	2.26	46	15	<10	34	46	14	<5	0.64	216	6.498
891244		<5	<.5	136	28	401	16	105	26	1.7	<5	8	<5	>10.00	183	<25	168	113	152	<20	<20	104	7.36	0.82	0.58	0.89	2.26	39	25	13	32	84	11	10	0.51	429	6.655
891245		40	1.9	605	137	525	24	282	87	10.4	<5	34	11	>10.00	308	<25	73	105	70	<20	<20	22	2.93	0.70	0.96	0.34	1.38	39	<5	<10	12	<5	<5	<5	0.12	81	>10.00
891246		<5	<.5	186	<2	164	5	173	59	1.9	<5	51	<5	>10.00	1239	<25	48	173	258	<20	<20	10	6.38	3.76	3.60	1.61	0.84	91	6	<10	34	20	30	<5	0.35	66	4.367
891247		<5	<.5	154	<2	103	2	257	58	1.1	<5	123	<5	9.31	1489	<25	17	205	272	<20	<20	<5	6.42	5.84	4.33	0.48	0.51	83	<5	<10	57	19	31	<5	0.37	38	0.245
891248		<5	<.5	138	5	84	3	274	53	1.4	<5	115	<5	8.44	1455	<25	11	165	236	<20	<20	<5	5.64	6.08	4.10	0.49	0.42	80	<5	<10	62	19	28	13	0.34	58	0.346
891249		<5	<.5	140	<2	95	4	298	59	<1.0	<5	56	<5	9.05	1535	<25	23	197	237	<20	<20	7	6.27	6.61	3.75	0.67	0.25	72	<5	<10	63	19	28	<5	0.28	46	1.386
891250		<5	<.5	265	9	351	13	144	30	2.6	<5	18	<5	>10.00	178	30	204	187	138	<20	<20	27	5.72	1.12	0.41	1.24	2.14	29	7	<10	24	10	11	<5	0.20	158	9.427
891251		23	<.5	189	48	1015	24	143	78	4.6	<5	81	<5	>10.00	246	<25	65	222	221	<20	<20	31	5.94	1.32	0.50	0.90	2.06	26	7	<10	24	18	13	<5	0.19	110	>10.00
891252		<5	<.5	118	<2	103	4	82	29	<1.0	<5	8	<5	8.51	1585	<25	100	208	270	<20	<20	6	6.39	2.95	6.88	2.19	1.17	105	6	<10	19	23	32	6	0.31	61	2.420
891253		<5	1.0	389	72	1648	24	206	24	5.4	<5	<5	<5	>10.00	593	<25	93	162	171	<20	<20	31	3.83	1.10	1.89	1.00	1.08	46	7	<10	11	9	8	13	0.10	82	>10.00
891254		<5	0.9	159	7	217	6	92	41	1.1	<5	6	<5	>10.00	1364	<25	56	190	249	<20	<20	6	6.14	3.46	5.55	1.62	0.94	74	5	<10	32	20	28	16	0.23	55	3.317
891255		<5	0.6	112	20	140	5	84	39	<1.0	<5	9	<5	8.61	1185	<25	104	204	308	<20	<20	<5	6.97	3.18	4.95	2.39	1.33	77	5	<10	25	27	36	8	0.32	59	2.916
891256		5	0.6	412	41	491	15	205	54	2.9	<5	<5	<5	>10.00	346	<25	133	132	100	<20	<20	32	4.57	0.97	1.48	1.70	1.11	44	6	<10	9	<5	9	16	0.11	96	>10.00
891257		10	0.9	622	12	107	13	201	33	1.2	<5	<5	<5	>10.00	763	<25	56	120	100	<20	<20	13	3.83	2.86	3.05	1.20	0.55	43	6	<10	23	<5	8	13	0.11	104	>10.00
891258		<5	<.5	273	21	355	17	133	30	2.2	<5	<5	<5	>10.00	506	<25	190	209	129	<20	<20	26	4.53	1.33	2.25	1.45	1.61	46	7	<10	10	10	11	<5	0.15	112	7.432
891259		<5	<.5	136	7	117	4	92	38	2.0	<5	86	<5	8.13	1116	<25	67	187	307	<20	<20	<5	6.74	2.92	4.85	1.37	1.38	70	6	<10	50	23	35	<5	0.43	64	1.317
891260		<5	<.5	125	4	96	2	69	29	1.6	<5	21	<5	7.05	1113	<25	36	152	290	<20	<20	<5	5.79	2.53	5.53	2.22	0.75	86	5	<10	51	21	34	<5	0.29	84	0.923

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
891231		1.6	201	<20
891232		1.3	1593	<20
891233		1.7	656	<20
891234		1.8	310	<20
891235		2.0	177	<20
891236		2.3	227	<20
891237		2.3	261	<20
891238		2.3	378	<20
891239		2.5	230	<20
891240		3.3	1080	<20
891241		2.7	574	<20
891242		2.6	284	<20
891243		2.9	838	<20
891244		2.7	879	<20
891245		<1.0	255	25
891246		<1.0	354	<20
891247		<1.0	281	<20
891248		<1.0	251	<20
891249		<1.0	296	<20
891250		1.6	282	<20
891251		1.3	316	<20
891252		<1.0	341	<20
891253		<1.0	345	<20
891254		<1.0	302	<20
891255		<1.0	367	<20
891256		<1.0	339	<20
891257		<1.0	309	<20
891258		<1.0	259	<20
891259		<1.0	346	<20
891260		<1.0	307	<20

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62337.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 30-JUL-00 PAGE 2A(3/12)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuDup1 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
891261		<5		0.8	191	6	216	10	88	35	<1.0	<5	<5	<5	>10.00	1283	<25	160	222	196	<20	<20	12	5.19	3.40	5.70	1.28	0.99	76	5	<10	22	12	20	18	0.19	57	5.862
891262		<5		1.2	216	17	112	21	97	52	1.0	<5	<5	12	>10.00	972	<25	169	221	129	<20	<20	26	4.28	2.90	3.90	0.33	1.27	50	7	<10	20	9	8	6	0.12	80	7.514
891263		<5		<.5	107	<2	134	5	76	33	<1.0	<5	<5	<5	8.21	1198	<25	158	222	288	<20	<20	<5	6.64	3.34	5.10	1.99	1.41	67	<5	<10	26	23	35	10	0.28	55	2.889
891264		<5		0.9	203	19	124	28	85	52	9.3	<5	10	<5	>10.00	1412	<25	149	218	106	<20	<20	19	3.52	3.34	5.88	0.18	1.17	57	6	<10	13	8	7	<5	0.08	58	5.829
891265		<5		0.8	126	5	109	5	77	36	1.1	<5	18	<5	8.21	1355	<25	<5	168	297	<20	<20	6	6.46	3.09	6.56	1.28	0.20	84	9	<10	74	22	35	<5	0.29	54	0.176
891266		<5		0.6	122	8	88	5	93	48	<1.0	<5	39	<5	8.26	1325	<25	7	169	292	<20	<20	6	6.94	3.11	6.57	1.26	0.38	103	8	<10	77	25	35	5	0.30	49	0.172
891267		49		0.8	201	54	354	16	110	84	2.2	<5	114	<5	>10.00	287	<25	26	193	108	<20	<20	29	4.79	1.59	0.94	0.79	1.30	26	6	<10	23	<5	10	<5	0.15	99	>10.00
891268		6		<.5	140	32	539	14	95	64	2.2	<5	113	<5	>10.00	243	<25	49	260	119	<20	<20	33	5.47	1.54	0.75	0.26	2.02	23	6	<10	24	9	10	<5	0.17	96	>10.00
891269		<5		<.5	214	19	514	17	149	70	1.5	<5	67	<5	>10.00	226	<25	66	248	132	<20	<20	30	5.74	1.84	0.65	0.30	1.83	18	7	<10	29	11	10	<5	0.21	104	>10.00
891270		<5		0.5	107	10	147	4	100	44	<1.0	<5	14	<5	9.84	1089	<25	143	213	380	<20	<20	<5	7.43	3.82	3.47	1.68	1.45	51	7	<10	42	28	42	<5	0.41	44	4.201
891271		<5		0.5	79	4	134	5	147	46	<1.0	<5	24	<5	9.05	1483	<25	89	278	255	<20	<20	<5	5.97	4.00	5.32	0.83	1.18	56	6	<10	38	18	30	<5	0.26	37	3.428
891272		<5		<.5	147	34	405	17	95	35	1.7	<5	28	<5	>10.00	149	31	129	150	159	<20	<20	118	8.15	1.31	0.43	0.62	2.07	32	26	17	26	73	12	<5	0.32	533	7.818
891273		53		1.7	121	1604	1059	18	129	173	4.8	<5	226	<5	>10.00	140	<25	8	253	125	<20	<20	40	3.66	0.80	0.36	0.52	1.04	18	9	<10	15	13	7	14	0.13	115	>10.00
891274		<5		0.6	260	33	464	9	153	58	1.6	<5	38	<5	>10.00	679	<25	142	244	224	<20	<20	28	6.62	2.89	1.91	1.41	1.19	36	10	<10	36	25	22	<5	0.26	117	>10.00
891275		<5		1.0	358	72	1348	18	229	98	4.5	<5	54	<5	>10.00	252	<25	39	204	134	<20	<20	53	4.13	0.81	0.80	0.59	1.29	27	9	<10	13	20	7	<5	0.15	135	>10.00
891276		40		1.0	300	54	423	17	150	26	1.9	<5	<5	<5	>10.00	1193	<25	145	207	131	<20	<20	33	4.82	2.28	3.87	0.62	1.59	53	10	<10	14	20	10	<5	0.17	117	8.704
891277		<5		<.5	179	17	165	17	117	32	<1.0	<5	<5	<5	>10.00	711	<25	204	243	184	<20	<20	34	6.01	2.17	1.97	1.16	1.55	40	10	<10	23	24	13	<5	0.20	133	7.323
891278		<5		1.0	129	<2	93	7	103	30	<1.0	<5	<5	<5	>10.00	1605	<25	246	256	251	<20	<20	14	6.44	3.20	5.29	1.23	1.41	71	8	<10	22	25	26	<5	0.28	67	4.155
891279		<5		1.1	128	3	133	3	156	56	<1.0	<5	56	<5	7.45	1265	<25	105	267	323	<20	<20	5	8.08	3.70	5.50	1.53	0.92	103	6	<10	44	27	38	22	0.34	39	0.775
891280		23		<.5	237	7	296	13	109	28	2.1	<5	<5	<5	>10.00	181	<25	116	194	150	<20	<20	46	7.94	1.08	0.55	1.31	2.22	36	12	<10	23	27	17	<5	0.43	146	8.047
891281		<5		0.6	210	27	294	21	126	40	9.0	<5	7	<5	>10.00	171	<25	141	198	149	<20	<20	49	8.87	0.98	0.53	1.23	2.41	33	12	<10	23	19	19	10	0.38	160	8.223
891282		38		2.3	490	56	426	15	291	102	3.9	<5	<5	<5	>10.00	156	<25	21	145	75	<20	<20	21	3.11	0.59	0.34	0.27	1.09	14	<5	<10	12	<5	<5	<5	0.08	69	>10.00
891283		<5		1.9	124	276	312	8	112	33	1.2	<5	<5	<5	>10.00	867	<25	263	289	218	<20	<20	21	7.84	2.96	2.73	1.31	1.54	63	7	<10	34	18	22	<5	0.28	87	4.355
891284		<5		1.1	57	2	146	7	150	49	<1.0	<5	60	<5	9.72	1624	<25	154	243	201	<20	<20	18	7.45	3.55	4.28	1.38	0.95	102	7	<10	38	19	20	6	0.30	76	1.874
891285		<5		<.5	98	10	232	23	54	27	<1.0	<5	10	<5	>10.00	961	<25	236	99	226	<20	<20	119	9.24	2.28	0.73	2.47	1.58	54	33	10	31	89	16	7	0.58	456	4.744
891286		<5		1.1	55	<2	214	5	179	43	1.3	<5	54	<5	>10.00	2462	25	85	234	276	<20	<20	12	7.56	4.45	4.21	0.90	0.69	112	7	<10	52	24	28	11	0.53	74	0.234
891287		15		0.5	35	<2	116	3	202	69	<1.0	<5	67	<5	>10.00	1678	<25	113	212	290	<20	<20	<5	7.87	4.82	3.69	0.58	0.67	79	5	<10	65	21	31	<5	0.38	37	0.023
891288		55		1.5	155	3	58	4	38	26	<1.0	<5	<5	<5	>10.00	7791	<25	62	90	63	<20	<20	9	1.47	2.32	5.78	0.18	0.35	107	6	<10	4	<5	<5	<5	0.07	11	4.412
891289		742	745	0.6	91	56	59	5	20	21	<1.0	<5	<5	<5	>10.00	10181	<25	44	71	29	<20	<20	7	0.65	1.85	3.33	0.13	0.26	55	6	<10	<2	<5	<5	14	0.01	6	3.428
891290		47		<.5	216	7	54	5	26	24	<1.0	<5	<5	<5	>10.00	10287	<25	24	100	25	<20	<20	9	0.55	2.05	4.98	0.09	0.19	98	8	<10	<2	<5	<5	<5	0.02	10	4.638

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
891261		<1.0	265	<20
891262		<1.0	219	<20
891263		<1.0	319	<20
891264		<1.0	192	<20
891265		<1.0	369	<20
891266		<1.0	336	<20
891267		<1.0	284	<20
891268		1.2	268	<20
891269		1.2	471	<20
891270		<1.0	361	<20
891271		<1.0	292	<20
891272		2.6	717	<20
891273		<1.0	452	<20
891274		1.2	482	<20
891275		1.1	545	41
891276		1.1	401	<20
891277		1.2	453	<20
891278		1.0	366	<20
891279		<1.0	403	<20
891280		2.2	710	<20
891281		2.5	792	<20
891282		<1.0	270	28
891283		1.5	408	<20
891284		1.2	415	<20
891285		2.1	1226	<20
891286		1.2	482	<20
891287		1.3	345	<20
891288		<1.0	444	<20
891289		<1.0	591	<20
891290		<1.0	532	<20

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Rapport Lab Geochimie
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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuDup1 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
891291		272		0.7	74	<2	54	4	20	19	<1.0	<5	<5	<5	>10.00	10105	<25	21	134	47	<20	<20	9	1.10	2.10	4.82	0.08	0.16	91	<5	<10	2	<5	<5	11	0.06	19	2.433
891292		<5		0.6	1	3	78	3	65	38	<1.0	<5	14	<5	>10.00	2759	<25	<5	289	256	<20	<20	16	4.45	2.45	1.10	<.01	<.01	20	5	<10	28	20	21	<5	0.71	66	0.051

CHIMITEC
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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
891291		<1.0	369	<20
891292		<1.0	494	<20

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Rapport Lab Geochimie
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RAPPORT: C00-62435.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 2-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM	P PPM
891293		<5	<.5	49	25	120	11	66	27	6.9	<5	20	<5	9.01	2168	<25	283	269	241	<20	<20	22	6.82	1.98	2.55	1.34	1.52	63	7	11	32	28	19	14	0.44	66	0.846	2.8	294
891294		<5	<.5	63	18	115	5	58	23	1.1	<5	<5	<5	8.70	1111	<25	447	233	221	<20	<20	34	8.34	1.29	0.46	0.36	2.98	24	6	18	29	30	14	10	0.38	74	2.035	3.9	198
891295		12	<.5	73	16	174	5	74	29	<1.0	<5	6	<5	>10.00	749	<25	345	257	250	<20	<20	36	7.58	1.40	0.09	0.06	2.77	13	7	11	30	34	13	19	0.31	75	3.923	3.1	228
891296		31	<.5	84	<2	169	7	75	29	<1.0	<5	<5	<5	>10.00	936	<25	237	319	195	<20	<20	28	5.50	1.37	0.10	0.03	1.68	10	6	<10	24	18	10	14	0.23	56	4.320	2.3	163
891297		<5	<.5	77	<2	133	7	78	28	<1.0	<5	8	<5	>10.00	1453	<25	413	343	231	<20	<20	37	7.18	1.36	0.28	0.05	2.58	14	7	10	26	33	15	<5	0.38	77	4.731	3.4	194
891298		<5	<.5	59	5	85	3	37	18	<1.0	<5	<5	<5	5.76	644	44	614	152	97	<20	<20	43	8.38	1.46	1.11	1.55	2.60	43	9	15	21	15	13	<5	0.36	137	0.663	2.6	295
891299		<5	<.5	24	11	82	1	30	14	<1.0	<5	14	<5	4.28	523	<25	720	163	80	<20	<20	47	8.22	1.25	0.73	0.81	2.95	36	9	15	17	14	12	<5	0.34	137	0.095	2.8	285
891300		<5	<.5	28	26	95	2	33	13	<1.0	<5	9	<5	4.74	502	<25	728	167	88	<20	<20	46	8.33	1.31	0.69	0.75	3.14	37	8	19	19	13	12	22	0.37	151	0.080	2.9	278
891301		<5	<.5	22	18	98	<1	32	14	<1.0	<5	6	<5	4.74	505	<25	572	152	87	<20	<20	43	8.07	1.34	0.75	0.60	3.03	28	7	17	19	17	11	<5	0.35	149	0.051	2.8	284
891302		<5	<.5	29	6	105	<1	31	14	<1.0	<5	7	<5	4.47	415	<25	516	161	81	<20	<20	40	6.14	1.11	0.62	1.39	2.90	25	7	15	18	14	9	<5	0.33	149	0.324	2.6	297
891303		<5	0.5	194	22	133	5	93	25	<1.0	<5	<5	<5	>10.00	1550	<25	291	201	164	<20	<20	18	6.35	1.98	3.60	1.72	1.70	65	8	<10	9	15	18	20	0.20	78	5.525	1.4	312
891304		27	0.7	302	35	473	23	151	87	1.7	<5	<5	<5	>10.00	402	<25	353	162	233	<20	<20	42	5.88	1.02	0.97	0.27	2.48	26	11	<10	13	32	10	5	0.20	132	9.782	1.6	302
891305		<5	0.6	122	16	176	1	104	48	<1.0	<5	10	<5	9.30	918	<25	338	236	313	<20	<20	7	7.20	2.77	3.47	0.89	2.00	60	5	<10	24	27	36	13	0.36	68	2.194	1.1	368
891306		<5	0.6	144	6	251	6	100	51	<1.0	<5	17	<5	9.12	880	<25	321	250	272	<20	<20	6	7.00	2.93	4.34	1.01	1.58	66	5	<10	22	21	33	16	0.26	63	2.119	<1.0	326
891307		<5	<.5	151	9	166	1	96	48	<1.0	<5	22	<5	9.23	1260	<25	159	211	288	<20	<20	5	7.34	3.05	5.85	1.30	0.77	87	6	<10	38	23	37	<5	0.33	44	1.248	<1.0	336
891308		<5	<.5	171	9	136	5	95	50	<1.0	<5	19	<5	>10.00	1191	<25	14	214	289	<20	<20	<5	7.17	3.06	5.53	1.24	0.19	99	8	<10	52	25	36	7	0.31	34	1.735	<1.0	308
891309		<5	<.5	144	11	98	3	95	51	<1.0	<5	31	<5	9.26	1457	<25	<5	197	302	<20	<20	5	7.41	3.40	6.90	0.75	0.05	101	20	<10	64	25	38	<5	0.53	24	0.192	<1.0	366
891310		<5	<.5	109	22	94	2	136	46	<1.0	<5	38	<5	8.76	1311	<25	<5	206	221	<20	<20	<5	6.55	3.59	5.46	1.15	0.12	80	<5	<10	54	14	31	<5	0.28	33	0.640	<1.0	283
891311		13	<.5	278	25	1266	17	118	95	4.9	<5	6	18	>10.00	548	<25	195	289	127	<20	<20	29	4.73	1.50	1.69	0.27	1.65	31	7	<10	14	12	10	9	0.14	89	>10.00	1.3	404
891312		30	0.6	385	30	367	24	137	92	7.7	<5	8	<5	>10.00	183	<25	186	260	117	<20	<20	36	6.06	1.10	0.57	0.75	1.91	22	6	<10	17	8	12	<5	0.16	110	>10.00	1.5	262
891313		<5	<.5	98	10	124	3	76	33	<1.0	<5	<5	<5	8.41	1335	<25	104	242	260	<20	<20	7	6.46	2.96	5.96	1.64	0.88	91	7	<10	29	21	33	<5	0.27	50	3.291	1.1	320
891314		5	0.8	230	8	181	15	97	24	<1.0	<5	<5	<5	>10.00	1207	<25	197	239	171	<20	<20	14	4.89	1.98	5.70	1.13	1.23	75	9	<10	8	14	18	<5	0.13	61	7.623	1.1	310
891315		8	0.8	297	10	83	22	114	46	<1.0	<5	<5	<5	>10.00	913	<25	284	305	212	<20	<20	24	5.93	1.24	4.26	0.34	1.99	104	8	<10	7	16	22	<5	0.13	79	9.223	1.4	285
891316		15	1.2	145	5	172	5	85	24	<1.0	<5	<5	<5	>10.00	995	<25	344	295	295	<20	<20	8	7.60	3.08	4.66	1.45	1.69	69	10	<10	24	28	37	7	0.30	67	4.864	1.4	281
891317		21	1.1	299	33	267	26	141	46	<1.0	<5	5	<5	>10.00	657	<25	181	187	138	<20	<20	31	5.50	1.21	2.17	1.88	1.13	43	10	<10	5	11	12	<5	0.10	95	>10.00	1.2	482
891318		6	<.5	101	13	478	3	83	33	<1.0	<5	<5	<5	9.14	1329	<25	193	224	323	<20	<20	6	7.58	3.52	4.80	1.98	1.45	80	7	<10	27	29	39	<5	0.44	50	4.076	1.4	385
891319		5	<.5	74	23	110	3	73	34	<1.0	<5	8	<5	8.64	1448	<25	110	260	261	<20	<20	6	6.90	3.15	6.59	1.48	0.85	97	<5	<10	35	24	32	<5	0.26	45	3.108	1.0	284
891320		17	0.5	105	18	137	3	83	35	<1.0	<5	25	<5	8.66	1450	<25	157	233	235	<20	<20	<5	6.69	2.88	7.07	1.18	1.02	78	6	<10	32	20	33	<5	0.31	49	2.374	1.1	326
891321		37	<.5	221	40	403	21	117	50	<1.0	<5	<5	<5	>10.00	155	<25	309	199	162	<20	<20	42	4.36	0.55	0.53	0.29	1.89	24	6	<10	7	30	7	<5	0.18	115	7.687	1.3	277
891322		29	<.5	305	30	552	28	167	33	1.3	<5	12	<5	>10.00	150	<25	162	214	236	<20	<20	50	5.93	0.69	0.61	0.39	2.51	32	10	<10	9	36	9	7	0.23	146	>10.00	1.5	304

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: COO-62435.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 2-AUO-00 PAGE 1B(2/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT U UNITÉS PPM
891293	22
891294	<20
891295	39
891296	26
891297	41
891298	<20
891299	<20
891300	<20
891301	<20
891302	<20
891303	<20
891304	22
891305	<20
891306	<20
891307	<20
891308	<20
891309	<20
891310	<20
891311	53
891312	44
891313	<20
891314	<20
891315	<20
891316	<20
891317	28
891318	<20
891319	<20
891320	<20
891321	44
891322	37

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62435.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 2-AUO-00 PAGE 2A(3/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM	P PPM
891323		23	<.5	280	22	528	29	146	49	1.2	<5	<5	<5	>10.00	192	<25	329	193	222	<20	<20	43	5.99	0.77	0.78	0.29	2.36	33	9	<10	9	33	9	<5	0.21	132	>10.00	1.4	216
891324		6	0.9	167	20	212	6	119	62	<1.0	<5	<5	<5	7.29	353	<25	1096	294	431	<20	<20	5	7.55	1.62	2.18	0.99	3.28	42	6	14	17	39	45	<5	0.53	87	3.938	1.6	551
891325		<5	1.2	125	12	78	3	87	45	<1.0	<5	18	<5	8.30	1305	<25	372	215	291	<20	<20	6	7.32	3.20	7.27	1.68	1.01	97	5	<10	28	26	36	<5	0.27	56	2.162	1.0	368
891326		<5	<.5	192	3	146	5	108	51	<1.0	<5	7	<5	>10.00	1246	<25	6	201	325	<20	<20	7	7.45	3.52	4.52	1.47	<.01	32	20	<10	37	31	38	8	0.58	44	0.883	<1.0	318
891327		<5	0.6	141	8	126	2	103	58	<1.0	<5	44	<5	9.56	1270	<25	15	214	311	<20	<20	<5	7.34	3.38	5.83	1.24	0.08	71	6	<10	61	26	38	<5	0.38	42	0.604	<1.0	366
891328		5	0.5	134	15	76	6	91	46	<1.0	<5	<5	<5	7.92	995	<25	431	281	307	<20	<20	7	6.92	3.08	4.57	0.55	2.00	69	7	<10	23	30	35	<5	0.42	57	3.711	1.2	441
891329		67	0.9	217	44	443	30	155	39	7.2	<5	49	<5	>10.00	297	<25	232	162	185	<20	<20	44	5.95	0.79	0.92	0.19	2.46	29	10	<10	8	28	8	14	0.18	137	>10.00	1.5	212
891330		19	<.5	226	<2	343	14	116	36	<1.0	<5	<5	<5	>10.00	613	<25	332	247	179	<20	<20	16	4.53	1.61	2.95	0.11	1.85	41	7	<10	5	16	14	<5	0.14	59	7.160	1.1	296
891331		<5	0.6	161	<2	96	2	104	51	<1.0	<5	49	<5	6.57	822	<25	479	212	335	<20	<20	6	8.32	3.21	5.21	1.19	1.94	76	5	<10	22	30	40	9	0.35	54	1.561	1.1	419
891332		<5	<.5	137	12	96	5	87	46	<1.0	<5	20	<5	8.23	1334	<25	125	219	289	<20	<20	<5	7.16	3.19	7.26	0.96	0.51	83	7	<10	46	26	35	<5	0.28	29	0.521	<1.0	336
891333		14	0.6	217	6	70	26	66	33	<1.0	<5	<5	<5	>10.00	1044	<25	218	216	131	<20	<20	18	3.95	2.60	5.39	0.24	0.90	52	7	<10	14	10	9	29	0.08	67	4.440	<1.0	412
891334		<5	1.2	151	<2	110	4	122	59	<1.0	<5	56	<5	5.64	852	<25	256	213	331	<20	<20	7	8.06	3.26	7.10	2.49	0.76	73	7	<10	30	29	40	<5	0.31	57	0.401	<1.0	363
891335		67	<.5	242	52	546	19	131	59	2.1	<5	143	<5	>10.00	230	<25	111	227	153	<20	<20	33	5.12	0.94	0.45	0.72	1.65	20	8	<10	13	14	9	8	0.12	96	>10.00	1.5	273
891336		70	<.5	224	58	864	22	146	37	3.0	<5	101	<5	>10.00	200	<25	69	210	199	<20	<20	31	5.53	1.31	0.31	0.48	1.91	23	10	<10	19	18	10	<5	0.16	111	>10.00	1.6	435
891337		40	0.9	268	25	1368	21	118	48	6.0	<5	69	<5	>10.00	394	<25	204	204	151	<20	<20	30	5.85	1.54	0.98	0.32	1.84	21	7	<10	21	17	9	27	0.17	83	>10.00	1.6	248

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62435.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 2-AUO-00 PAGE 2B(4/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT U UNITÉS PPM
891323	36
891324	<20
891325	<20
891326	<20
891327	<20
891328	<20
891329	30
891330	<20
891331	<20
891332	<20
891333	<20
891334	<20
891335	<20
891336	27
891337	26

CHIMITEC
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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62436.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 2-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
891338		<5	1.1	96	6	176		5	79	41	<1.0	<5	38	<5	8.70	1319	<25	85	182	322	<20	<20	<5	7.16	4.00	5.78	1.29	0.62	79	5	<10	44	20	34	<5	0.37	29	1.437
891339		7	<.5	122	<2	1206		3	77	48	7.2	<5	51	<5	>10.00	1522	<25	8	168	351	<20	<20	<5	7.24	5.31	4.41	0.60	0.15	57	<5	<10	67	24	36	<5	0.39	32	0.592
891340		7	<.5	114	10	1289		2	135	45	9.0	<5	57	<5	8.65	1680	<25	29	210	288	<20	<20	<5	7.94	4.64	5.94	1.46	0.32	106	<5	<10	52	16	32	<5	0.22	28	0.731
891341		8	2.4	110	27	6555	0.62	2	296	66	52.0	<5	40	<5	9.02	1483	<25	103	229	250	<20	<20	<5	6.72	6.41	4.20	0.25	0.50	60	<5	<10	76	15	27	<5	0.21	25	3.192
891342		<5	0.8	95	18	2544		3	310	52	22.1	<5	38	<5	9.95	1635	<25	284	212	267	<20	<20	<5	7.40	7.27	4.49	0.10	1.03	46	6	<10	73	16	28	15	0.28	25	3.985
891343		12	6.4	244	115	>20000	5.90	39	95	12	387.1	<5	<5	25	8.77	866	38	941	284	300	<20	129	21	9.04	1.61	2.12	0.22	4.05	38	14	21	13	28	21	<5	0.28	124	8.012
891344		16	1.4	369	24	847		20	146	33	4.9	<5	31	<5	>10.00	422	<25	166	171	150	<20	<20	34	7.11	1.37	1.12	1.20	2.06	33	10	<10	13	<5	12	10	0.16	94	>10.00
891345		53	<.5	189	67	1202		15	101	53	7.4	<5	113	<5	>10.00	397	<25	216	188	142	<20	<20	24	6.90	1.19	1.10	1.16	2.14	24	8	<10	14	6	11	6	0.18	88	>10.00
891346		54	1.0	468	58	10290	0.90	18	157	65	65.2	<5	120	<5	>10.00	243	<25	192	141	130	<20	<20	17	5.79	1.28	0.59	0.46	1.79	19	8	<10	21	<5	10	13	0.15	89	>10.00
891347		<5	0.6	137	<2	216		5	136	56	<1.0	<5	46	<5	9.87	1478	<25	62	214	334	<20	<20	<5	7.83	4.16	3.95	1.72	0.79	54	6	<10	48	22	35	13	0.34	39	3.485
891348		<5	0.7	132	8	347		4	331	67	<1.0	<5	69	<5	9.13	1732	<25	47	196	228	<20	<20	<5	6.47	6.28	4.91	0.23	0.74	55	<5	<10	64	13	26	10	0.23	21	2.913
891349		<5	1.4	187	<2	2396		10	282	45	13.9	<5	36	<5	>10.00	1914	<25	109	236	199	<20	<20	<5	5.75	5.54	4.03	0.06	0.96	49	8	<10	49	12	20	<5	0.18	29	5.008
891350		23	0.9	290	71	7149	0.70	28	166	36	30.6	<5	97	<5	>10.00	207	<25	214	172	241	<20	<20	28	6.26	1.05	0.31	0.71	2.16	21	10	<10	16	22	9	<5	0.18	110	>10.00
891351		21	0.7	140	65	3416		28	124	58	17.2	<5	162	<5	>10.00	210	31	147	226	262	<20	<20	28	5.77	1.06	0.28	0.40	1.99	21	10	<10	16	19	9	7	0.16	93	>10.00
891352		<5	0.6	155	5	211		6	93	40	<1.0	<5	42	<5	8.95	1749	<25	147	210	305	<20	<20	<5	7.20	3.32	6.93	1.18	1.10	74	6	<10	32	21	32	13	0.25	41	2.387
891353		<5	1.3	150	<2	122		3	97	48	<1.0	<5	10	<5	6.57	1259	<25	<5	176	313	<20	<20	<5	7.59	3.05	>10.00	1.71	0.04	84	12	<10	52	21	34	<5	0.27	29	0.447
891354		12	<.5	162	<2	142		7	104	50	<1.0	<5	33	<5	9.48	1362	<25	<5	230	326	<20	<20	<5	7.85	3.36	5.70	0.94	0.05	90	6	<10	62	21	35	<5	0.29	30	0.988
891355		<5	0.8	94	2	142		3	107	50	<1.0	<5	50	<5	9.84	1426	<25	<5	199	357	<20	<20	<5	8.86	3.65	5.51	1.46	0.05	66	7	<10	60	25	40	<5	0.30	31	0.549
891356		6	<.5	312	20	29		17	52	21	<1.0	<5	5	<5	5.65	719	<25	<5	272	71	<20	<20	10	2.23	0.89	3.30	0.56	0.03	31	<5	<10	12	<5	<5	<5	0.06	32	2.369
891357		6	0.8	117	<2	126		3	99	44	<1.0	<5	41	<5	9.18	1389	<25	<5	208	333	<20	<20	<5	7.80	3.36	6.13	1.23	0.07	77	7	<10	58	25	36	16	0.38	31	0.497
891358		62	1.2	153	6	113		4	106	46	<1.0	<5	55	<5	8.93	1472	<25	<5	182	324	<20	<20	<5	7.67	3.15	7.57	0.70	0.07	102	5	<10	61	22	35	9	0.35	26	0.174
891359		5	0.9	207	<2	120		4	105	51	<1.0	<5	51	<5	>10.00	1448	<25	<5	208	320	<20	<20	5	7.69	3.82	4.82	0.87	0.04	52	7	<10	61	21	34	6	0.27	28	0.660
891360		6	0.8	146	<2	119		3	100	49	<1.0	<5	62	<5	9.57	1648	<25	<5	208	339	<20	<20	<5	8.12	3.42	6.90	1.05	0.04	82	7	<10	62	24	37	22	0.32	27	0.151
891361		<5	1.1	109	<2	136		4	96	50	<1.0	<5	47	<5	>10.00	1573	<25	<5	194	341	<20	<20	<5	8.13	3.45	7.11	0.83	0.04	83	6	<10	68	24	37	<5	0.30	26	0.528
891362		<5	1.2	115	<2	139		4	101	54	<1.0	<5	73	<5	>10.00	1717	<25	<5	214	328	<20	<20	<5	7.75	3.91	5.95	0.85	0.06	80	5	<10	64	19	35	15	0.27	21	0.474
891363		20	1.0	341	11	259		16	107	50	<1.0	<5	<5	<5	>10.00	955	<25	<5	169	125	<20	<20	17	4.32	1.76	3.84	1.20	0.04	41	9	<10	25	<5	8	14	0.08	68	8.008
891364		5	1.4	96	<2	147		4	88	49	<1.0	<5	44	<5	>10.00	1516	<25	<5	213	309	<20	<20	<5	7.50	3.36	6.85	0.92	0.05	77	5	<10	63	20	34	<5	0.24	26	0.970
891365		21	0.7	261	8	192		14	85	29	<1.0	<5	<5	<5	>10.00	1202	<25	<5	177	227	<20	<20	14	6.09	2.62	4.91	1.40	0.05	40	8	<10	36	15	20	<5	0.18	74	6.384
891366		<5	0.8	125	<2	153		<1	92	44	<1.0	<5	46	<5	>10.00	1624	<25	<5	190	355	<20	<20	<5	8.11	3.23	6.02	1.11	0.06	88	7	<10	67	23	38	11	0.41	24	0.459
891367		6	0.6	131	<2	102		4	87	44	<1.0	<5	33	<5	9.34	1556	<25	<5	223	329	<20	<20	<5	7.37	3.46	6.85	1.07	0.06	70	10	<10	75	19	36	15	0.29	29	0.167

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62436.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 2-AUO-00 PAGE 1B(2/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
891338		<1.0	377	<20
891339		<1.0	425	<20
891340		<1.0	332	<20
891341		<1.0	204	<20
891342		<1.0	291	<20
891343		2.0	458	<20
891344		1.1	398	<20
891345		1.1	230	<20
891346		1.1	291	<20
891347		<1.0	332	<20
891348		<1.0	231	<20
891349		<1.0	361	<20
891350		1.2	321	<20
891351		1.1	375	<20
891352		<1.0	336	<20
891353		<1.0	337	<20
891354		<1.0	380	<20
891355		<1.0	402	<20
891356		<1.0	267	<20
891357		<1.0	391	<20
891358		<1.0	333	<20
891359		<1.0	361	<20
891360		<1.0	370	<20
891361		<1.0	363	<20
891362		<1.0	363	<20
891363		<1.0	282	<20
891364		<1.0	367	<20
891365		<1.0	359	<20
891366		<1.0	386	<20
891367		<1.0	370	<20

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Rapport Lab Geochimie
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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
891368		7	0.6	160	<2	102		3	85	51	<1.0	<5	18	<5	>10.00	1549	<25	<5	189	331	<20	<20	<5	7.52	3.81	7.10	1.00	<.01	76	9	<10	72	21	35	23	0.40	17	0.180
891369		<5	0.8	137	<2	96		5	89	52	<1.0	<5	16	<5	9.98	1488	<25	<5	180	332	<20	<20	<5	7.44	3.78	6.48	1.03	0.02	76	8	<10	69	22	35	10	0.44	17	0.163
891370		5	<.5	136	<2	109		2	143	52	<1.0	<5	82	<5	>10.00	1931	<25	9	191	311	<20	<20	<5	7.91	4.71	6.36	1.15	0.10	123	<5	<10	76	21	34	<5	0.27	26	0.206
891371		37	1.7	204	44	287		19	91	76	<1.0	<5	84	<5	>10.00	405	<25	280	233	149	<20	<20	32	7.52	1.24	2.01	1.15	2.16	52	9	<10	14	6	13	12	0.17	104	>10.00
891372		68	1.6	154	70	221		17	88	74	<1.0	<5	135	<5	>10.00	252	<25	107	240	146	<20	<20	27	6.45	0.99	1.04	0.83	1.81	36	8	<10	18	<5	12	20	0.17	90	>10.00
891373		105	2.5	155	114	330		18	97	74	<1.0	<5	221	8	>10.00	278	<25	66	210	104	<20	<20	22	4.26	0.79	0.68	0.65	1.03	20	7	<10	16	<5	8	13	0.16	67	>10.00
891374		86	1.2	194	80	458		13	110	69	2.2	<5	174	<5	>10.00	269	<25	87	217	105	<20	<20	22	4.15	0.88	0.98	0.80	1.11	27	<5	<10	16	<5	8	24	0.20	79	>10.00
891375		<5	1.2	127	6	89		3	86	41	<1.0	<5	39	<5	9.45	1429	<25	24	178	300	<20	<20	<5	7.21	3.91	5.92	1.33	0.22	102	<5	<10	67	22	33	<5	0.31	30	1.429
891376		9	1.1	132	<2	91		3	91	52	<1.0	<5	26	<5	9.73	1439	27	<5	166	293	<20	<20	<5	6.94	3.40	8.14	1.25	0.03	62	<5	<10	73	17	32	10	0.33	23	0.398
891377		6	0.7	124	9	105		2	87	48	<1.0	<5	<5	<5	9.40	1413	<25	<5	153	299	<20	<20	<5	6.88	3.59	7.09	0.85	0.06	113	<5	<10	80	18	32	<5	0.36	13	0.179
891378		<5	1.6	102	<2	74		5	180	51	<1.0	<5	30	<5	9.07	1473	<25	<5	222	239	<20	<20	<5	6.13	4.51	6.41	0.78	0.17	98	<5	<10	71	13	26	<5	0.20	25	2.211
891379		<5	<.5	123	6	148		2	211	38	<1.0	<5	49	<5	>10.00	1709	<25	39	208	261	<20	<20	<5	6.37	5.10	5.96	0.69	0.35	164	<5	<10	84	16	27	5	0.35	32	2.945
891380		17	0.5	152	25	1317		32	167	53	5.5	<5	146	<5	>10.00	288	<25	147	260	284	<20	<20	30	5.00	0.86	0.71	0.24	1.62	28	7	<10	21	29	9	10	0.23	93	>10.00
891381		17	1.2	100	43	446		32	132	38	2.2	<5	87	<5	>10.00	217	<25	244	212	326	<20	<20	45	8.50	0.87	0.62	0.80	2.90	59	12	15	27	40	15	6	0.45	143	>10.00
891382		11	<.5	174	10	1054		15	165	19	3.9	<5	41	<5	>10.00	288	<25	213	187	205	<20	<20	39	8.71	1.03	0.93	0.82	3.18	63	10	16	26	26	18	<5	0.62	147	7.947

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Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62436.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 2-AUO-00 PAGE 2B(4/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
891368		<1.0	348	<20
891369		<1.0	330	<20
891370		<1.0	363	<20
891371		1.4	288	<20
891372		1.1	235	<20
891373		<1.0	305	31
891374		<1.0	298	<20
891375		<1.0	326	<20
891376		<1.0	318	<20
891377		<1.0	318	<20
891378		<1.0	286	<20
891379		<1.0	336	<20
891380		<1.0	268	21
891381		1.4	330	<20
891382		1.6	361	<20

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62437.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 7-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
891383		10	<.5	171	5	402		11	147	5	1.4	<5	16	<5	9.28	321	<25	242	236	227	<20	<20	38	8.62	1.24	1.11	0.90	2.87	68	12	19	32	44	21	<5	0.85	220	4.725
891384		17	<.5	95	16	880		12	124	28	4.8	<5	108	<5	8.62	128	<25	239	241	208	<20	<20	28	7.63	0.77	0.40	0.53	2.95	47	9	16	28	44	15	<5	0.82	170	6.634
891385		11	<.5	162	<2	745		8	149	18	3.2	<5	41	<5	>10.00	223	<25	231	219	202	<20	<20	34	>10.00	1.08	0.66	0.56	3.03	47	10	11	35	40	20	<5	0.83	165	6.102
891386		25	1.0	223	28	1624		29	187	29	17.7	<5	69	19	>10.00	295	<25	188	239	287	<20	<20	32	8.56	0.81	0.85	0.53	2.93	49	13	12	21	43	17	<5	0.56	146	8.687
891387		48	2.8	323	61	1833		81	267	53	11.1	<5	139	<5	>10.00	491	<25	105	236	805	<20	<20	23	4.75	0.76	1.52	0.39	1.57	37	16	<10	10	81	7	<5	0.19	65	>10.00
891388		38	2.1	453	17	1383		55	273	29	7.9	<5	53	<5	>10.00	1325	<25	88	267	531	<20	<20	29	5.07	1.65	2.89	0.23	1.40	47	17	<10	18	54	11	7	0.28	82	>10.00
891389		38	1.5	207	46	634		19	190	36	4.3	<5	100	<5	>10.00	324	<25	151	210	178	<20	<20	41	7.40	0.86	0.79	0.62	2.21	42	12	<10	24	44	11	<5	0.36	183	>10.00
891390		36	0.6	114	39	1080		26	149	29	7.0	<5	118	<5	>10.00	277	<25	233	226	385	<20	<20	35	9.81	0.81	0.73	0.54	3.34	54	12	13	24	52	19	<5	0.61	156	>10.00
891391		47	2.0	145	48	2144		83	215	33	12.7	<5	205	10	>10.00	585	<25	143	264	997	<20	<20	30	6.12	0.83	1.36	0.30	2.17	40	15	<10	15	98	10	<5	0.27	76	>10.00
891392		27	1.4	142	15	1090		24	168	23	6.4	<5	84	<5	>10.00	455	<25	223	289	413	<20	<20	31	8.59	0.94	0.94	0.48	3.26	49	12	16	26	56	19	<5	0.68	162	7.498
891393		26	1.6	230	42	1717		43	209	27	11.0	<5	128	<5	>10.00	1015	<25	155	226	543	<20	<20	24	6.70	1.15	1.66	0.40	2.34	50	10	<10	22	58	13	<5	0.39	99	>10.00
891394		37	2.0	226	55	1695		78	250	31	11.4	<5	174	<5	>10.00	911	<25	162	254	836	<20	<20	29	6.15	0.87	1.30	0.30	2.11	46	12	<10	18	84	10	<5	0.33	98	>10.00
891395		36	2.0	380	59	4702		96	327	45	32.4	<5	237	<5	>10.00	1462	<25	96	221	976	<20	<20	21	3.60	0.91	1.54	0.19	1.18	31	9	<10	13	91	5	<5	0.16	50	>10.00
891396		27	3.2	618	35	2056		98	363	40	13.6	<5	127	<5	>10.00	2595	<25	75	208	798	<20	<20	24	3.42	1.33	2.47	0.12	0.96	52	14	<10	13	73	<5	<5	0.13	49	>10.00
891397		24	1.3	504	54	1167		101	325	15	7.8	<5	26	<5	>10.00	6124	<25	13	184	867	<20	<20	24	1.68	2.19	4.34	0.02	0.21	63	20	<10	12	79	<5	<5	0.06	35	9.422
891398		43	3.1	377	86	2784		146	272	44	20.2	<5	155	41	>10.00	1857	<25	143	200	1270	<20	<20	30	4.53	0.95	1.55	0.12	1.56	43	23	<10	17	118	7	<5	0.17	78	>10.00
891399		41	3.1	418	80	3453		130	307	20	24.0	<5	49	<5	>10.00	3010	<25	156	172	1024	<20	<20	31	4.55	1.23	2.41	0.14	1.59	54	20	<10	19	101	6	<5	0.16	80	9.403
891400		56	3.9	359	103	5118	0.49	152	256	15	35.0	<5	17	<5	>10.00	3277	<25	131	146	1458	<20	<20	40	4.00	1.17	2.08	0.09	1.28	45	29	<10	19	141	6	<5	0.15	97	7.703
891401		40	2.3	626	83	3715		118	336	33	27.7	<5	50	<5	>10.00	3067	<25	97	187	1015	<20	<20	27	3.16	1.08	1.88	0.14	0.98	44	20	<10	16	93	<5	<5	0.11	70	>10.00
891402		41	1.8	581	76	4060		132	333	36	28.6	<5	66	<5	>10.00	2222	<25	126	186	1175	<20	<20	34	3.71	0.86	1.50	0.16	1.28	44	17	<10	15	113	6	<5	0.15	71	>10.00
891403		36	2.6	326	70	3355		138	237	51	23.5	<5	140	<5	>10.00	1872	<25	125	193	1310	<20	<20	26	3.82	0.81	1.41	0.18	1.40	39	16	<10	15	126	6	<5	0.16	69	>10.00
891404		37	2.7	479	64	3229		141	266	45	22.7	<5	140	<5	>10.00	2368	<25	115	178	1326	<20	<20	30	3.61	0.96	1.65	0.08	1.25	39	25	<10	14	121	6	<5	0.13	59	>10.00
891405		33	3.1	368	62	3493		163	285	18	34.1	<5	56	25	>10.00	3791	<25	88	157	1293	<20	<20	35	2.70	1.46	2.45	0.03	0.70	43	33	<10	17	113	<5	<5	0.09	74	9.116
891406		28	1.8	319	54	1095		117	235	27	9.1	<5	65	15	>10.00	8297	<25	17	151	928	<20	<20	26	1.41	2.37	4.84	0.01	0.20	63	24	<10	14	80	<5	<5	0.04	32	9.284
891407		42	1.3	448	83	2658		154	292	22	18.6	<5	43	8	>10.00	3950	<25	98	161	1314	<20	<20	40	2.46	1.37	2.42	0.04	0.76	40	37	<10	16	128	<5	<5	0.08	151	9.965
891408		39	2.4	518	71	2851		141	324	22	20.2	<5	35	17	>10.00	3472	<25	89	156	1177	<20	<20	36	2.43	1.29	2.19	0.05	0.71	40	27	<10	14	118	<5	<5	0.08	131	>10.00
891409		38	0.8	371	48	1684		106	264	60	11.8	<5	175	<5	>10.00	4808	<25	22	199	848	<20	<20	22	1.32	1.62	3.12	0.02	0.23	46	20	<10	11	76	<5	<5	0.04	32	>10.00
891410		40	2.1	342	69	2463		181	285	20	16.8	<5	37	14	>10.00	3143	<25	58	158	1478	<20	<20	26	2.16	1.36	2.02	0.02	0.48	37	30	<10	16	132	<5	<5	0.07	46	9.403
891411		42	2.0	438	71	3346		183	348	17	22.8	<5	34	16	>10.00	3184	<25	99	152	1476	<20	<20	37	2.69	1.19	2.14	0.04	0.83	45	27	<10	17	143	<5	<5	0.10	108	>10.00
891412		39	1.9	259	66	1459		76	218	36	9.9	<5	168	27	>10.00	1456	<25	132	178	745	<20	<20	25	4.34	0.87	1.47	0.25	1.54	40	11	<10	15	72	6	<5	0.17	64	>10.00

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Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62437.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 7-AUO-00 PAGE 1B(2/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
891383		2.2	539	<20
891384		1.7	472	25
891385		1.7	570	<20
891386		1.5	377	<20
891387		<1.0	930	<20
891388		1.0	2037	<20
891389		1.4	297	<20
891390		2.3	461	<20
891391		1.5	812	<20
891392		2.8	478	<20
891393		2.1	615	<20
891394		2.4	893	<20
891395		1.6	914	<20
891396		1.3	1778	<20
891397		<1.0	4343	<20
891398		2.7	1657	50
891399		2.8	1861	<20
891400		2.4	2947	<20
891401		1.9	2009	46
891402		2.3	1824	28
891403		2.3	1452	30
891404		2.2	1846	35
891405		1.5	3799	24
891406		<1.0	4908	<20
891407		1.7	3890	<20
891408		1.4	3576	32
891409		<1.0	3401	<20
891410		1.1	3852	47
891411		1.6	3346	<20
891412		1.9	1304	<20

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Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62437.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 7-AUO-00 PAGE 2A(3/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
891413		36	3.1	410	60	3312	146	262	43	24.1	<5	140	9	>10.00	2077	<25	122	191	1306	<20	<20	27	3.77	0.90	1.43	0.11	1.25	38	24	<10	15	114	6	<5	0.13	60	>10.00
891414		38	2.0	271	36	2894	125	203	43	20.2	<5	129	15	>10.00	2702	<25	79	173	1093	<20	<20	41	2.71	1.04	1.84	0.06	0.82	41	27	<10	13	102	<5	<5	0.10	120	>10.00
891415		45	2.2	306	41	4494	163	248	40	29.8	<5	97	6	>10.00	3352	<25	81	195	1275	<20	<20	37	2.96	1.46	2.83	0.04	0.79	61	33	<10	15	115	<5	<5	0.10	68	>10.00
891416		42	2.5	423	45	4101	137	285	13	28.1	<5	38	24	>10.00	2993	<25	121	170	1294	<20	<20	41	3.38	1.16	1.92	0.07	1.06	50	29	<10	19	120	5	<5	0.13	116	8.398
891417		42	1.6	108	72	1232	29	157	29	7.3	<5	151	<5	>10.00	805	<25	206	170	341	<20	<20	31	6.46	1.10	1.76	0.44	2.81	52	7	<10	19	37	9	<5	0.27	80	>10.00
891418		18	<.5	131	20	318	9	107	19	1.8	<5	34	<5	8.58	392	<25	244	183	187	<20	<20	44	9.50	1.05	1.17	0.65	3.07	66	12	22	24	48	17	<5	0.54	226	5.616
891419		18	<.5	147	18	593	15	169	30	2.9	<5	56	17	9.09	227	<25	276	205	238	<20	<20	25	8.45	0.79	0.67	0.42	3.07	43	10	13	25	42	17	<5	0.75	141	8.178
891420		19	<.5	201	27	776	14	209	29	3.0	<5	83	8	>10.00	74	<25	228	204	232	<20	<20	31	8.14	0.77	0.18	0.32	2.97	25	12	<10	38	35	17	18	0.66	136	>10.00
891421		21	0.5	183	28	871	20	199	33	4.3	<5	147	<5	>10.00	114	<25	168	195	217	<20	<20	27	6.51	0.59	0.18	0.26	2.40	22	9	<10	28	30	11	<5	0.37	123	>10.00
891422		32	0.8	176	62	768	30	166	34	13.9	<5	180	25	>10.00	386	<25	126	163	180	<20	<20	40	5.06	0.74	0.81	0.24	2.04	46	10	<10	23	34	6	<5	0.20	146	>10.00
891423		38	<.5	112	66	762	24	133	41	5.0	<5	196	<5	>10.00	282	<25	164	182	176	<20	<20	32	5.00	0.58	0.39	0.21	1.92	22	8	<10	24	31	6	<5	0.21	114	>10.00
891424		9	1.1	363	16	414	13	86	33	2.4	<5	66	<5	>10.00	1839	<25	36	225	78	<20	<20	14	2.47	1.42	1.21	0.03	0.40	28	<5	<10	25	7	<5	<5	0.12	43	>10.00
891425		53	2.5	159	113	191	24	115	73	1.9	<5	213	32	>10.00	69	<25	83	213	72	<20	<20	11	2.35	0.25	0.02	0.05	0.78	6	<5	<10	12	6	<5	<5	0.13	45	>10.00
891426		18	0.7	62	29	194	30	98	32	2.0	<5	96	17	>10.00	136	<25	251	210	243	<20	<20	35	5.79	0.47	0.22	0.21	2.33	17	10	<10	25	49	11	<5	0.46	133	9.548
891427		<5	0.5	38	5	37	6	22	16	<1.0	<5	13	<5	>10.00	3868	<25	18	213	46	<20	<20	8	0.54	2.25	1.69	<.01	0.14	28	<5	<10	5	<5	<5	<5	0.03	17	1.518

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Rapport Lab Geochimie
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CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62437.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 7-AUO-00 PAGE 2B(4/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
891413		2.1	1734	27
891414		1.5	2294	36
891415		1.6	3187	<20
891416		2.1	3060	<20
891417		2.6	492	<20
891418		2.6	286	<20
891419		1.9	415	<20
891420		1.6	702	<20
891421		1.4	364	<20
891422		1.6	249	<20
891423		1.7	244	<20
891424		<1.0	353	<20
891425		1.1	204	<20
891426		3.3	848	<20
891427		<1.0	323	<20

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Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62438.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 3-AUG-00 PAGE 1A(1/ 6)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuDup1 PPB	AuDup2 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
891428		<5			<.5	11	7	87	2	11	11	<1.0	<5	<5	<5	>10.00	4635	<25	15	91	21	<20	<20	11	0.15	4.24	6.70	<.01	0.06	91	7	<10	2	<5	<5	12	0.01	8
891429		804		592	0.9	8	5	60	5	7	10	<1.0	<5	<5	<5	>10.00	4248	<25	21	128	18	<20	<20	11	0.15	3.84	8.16	<.01	0.07	147	7	<10	2	<5	<5	13	<.01	<5
891430		1536	192	321	0.7	8	<2	52	2	10	11	<1.0	<5	<5	<5	>10.00	5594	<25	<5	112	14	<20	<20	9	0.02	4.02	6.31	<.01	0.03	96	6	<10	<2	<5	<5	9	<.01	<5
891431		<5			<.5	8	<2	53	4	14	15	<1.0	<5	6	<5	>10.00	6782	<25	5	113	28	<20	<20	11	0.25	3.56	3.54	<.01	0.06	45	7	<10	<2	<5	<5	9	0.02	16
891432		<5			<.5	5	4	41	4	14	17	1.3	<5	9	<5	>10.00	9505	<25	5	53	16	<20	<20	11	0.16	3.85	4.47	<.01	0.08	42	6	<10	<2	<5	<5	14	0.03	8
891433		<5			<.5	6	<2	43	3	12	16	<1.0	<5	<5	<5	>10.00	10414	<25	<5	99	17	<20	<20	11	0.08	3.39	2.87	<.01	0.03	29	7	<10	<2	<5	<5	6	0.02	7
891434		<5			<.5	6	<2	28	2	12	17	<1.0	<5	16	<5	>10.00	8153	<25	<5	145	19	<20	<20	8	0.03	2.95	1.05	<.01	0.06	19	6	<10	<2	<5	<5	15	0.01	6
891435		112			<.5	6	<2	38	3	13	19	<1.0	<5	<5	<5	>10.00	5530	<25	<5	129	15	<20	<20	9	<.01	4.66	1.54	<.01	0.01	28	7	<10	<2	<5	<5	13	<.01	<5
891436		2736	2692		<.5	8	3	65	7	15	15	<1.0	<5	<5	<5	>10.00	7920	<25	<5	109	19	<20	<20	11	0.13	4.11	3.10	<.01	0.07	92	8	<10	3	<5	<5	<5	<.01	<5
891437		596			<.5	9	<2	49	3	16	16	1.8	<5	8	<5	>10.00	7043	<25	<5	125	21	<20	<20	12	0.08	4.30	1.97	0.04	0.07	45	7	<10	<2	<5	<5	14	<.01	7
891438		156			<.5	5	<2	31	4	11	17	<1.0	<5	13	<5	>10.00	6534	<25	<5	121	11	<20	<20	7	<.01	3.48	1.52	<.01	0.01	29	<5	<10	<2	<5	<5	<5	<.01	<5
891439		<5			<.5	8	<2	29	3	14	16	<1.0	<5	5	<5	>10.00	10675	<25	<5	100	24	<20	<20	10	0.20	2.93	1.22	<.01	0.04	16	9	<10	<2	<5	<5	<5	0.02	8
891440		12			<.5	9	<2	36	2	17	20	<1.0	<5	<5	<5	>10.00	12017	<25	<5	102	37	<20	<20	14	0.45	3.20	2.06	<.01	0.05	15	10	<10	2	<5	<5	9	0.05	14
891441		5			<.5	8	<2	35	4	21	15	<1.0	<5	10	<5	>10.00	13063	<25	<5	95	38	<20	<20	10	0.54	3.32	3.78	<.01	0.04	24	7	<10	<2	<5	<5	16	0.06	16
891442		<5			<.5	13	<2	37	3	20	22	1.5	<5	6	<5	>10.00	15022	<25	6	73	55	<20	<20	12	0.72	3.28	2.16	0.01	0.13	23	8	<10	2	<5	<5	24	0.11	22
891443		<5			<.5	10	<2	29	3	13	14	<1.0	<5	9	<5	>10.00	12125	<25	<5	116	42	<20	<20	8	0.49	2.94	2.68	<.01	0.13	30	7	<10	<2	<5	<5	16	0.08	16
891444		<5			<.5	7	<2	39	3	17	16	<1.0	<5	<5	<5	>10.00	12921	<25	26	86	49	<20	<20	10	0.73	3.04	2.50	0.06	0.30	37	6	<10	<2	<5	<5	<5	0.10	20
891445		<5			<.5	12	<2	42	2	20	12	<1.0	<5	<5	<5	>10.00	12230	<25	31	236	59	<20	<20	11	0.68	1.66	1.27	0.04	0.41	38	<5	<10	3	<5	<5	6	0.09	22
891446		6			<.5	37	8	135	8	54	26	1.7	<5	6	<5	>10.00	4016	<25	256	116	244	<20	<20	25	6.24	2.29	0.34	0.07	2.61	22	8	<10	38	22	9	18	0.26	65
891447		9			<.5	57	2	232	6	53	22	2.0	<5	<5	<5	>10.00	1027	<25	418	137	219	<20	<20	33	7.05	1.79	0.31	0.20	3.08	16	10	<10	46	27	12	<5	0.35	86
891448		8			<.5	74	4	327	7	66	16	4.3	<5	6	<5	5.65	251	<25	515	106	273	<20	<20	32	8.30	1.10	0.06	0.23	3.72	12	9	13	45	26	10	6	0.28	77
891449		<5			<.5	49	<2	132	3	36	13	<1.0	<5	6	<5	5.42	565	<25	519	120	126	<20	<20	32	7.99	1.37	1.20	0.29	3.75	44	7	<10	38	14	10	17	0.24	63
891450		<5			<.5	59	<2	177	2	100	50	1.0	<5	42	<5	>10.00	907	<25	399	182	346	<20	<20	11	8.28	3.91	2.07	0.16	3.52	60	6	<10	58	29	39	20	0.75	58
891451		<5			<.5	31	<2	76	2	37	17	1.5	<5	9	<5	4.02	267	<25	566	143	76	<20	<20	42	9.12	1.15	0.59	0.23	3.88	27	11	16	36	9	11	5	0.34	102
891452		<5			<.5	30	3	87	2	37	10	<1.0	<5	5	<5	3.93	227	<25	525	128	74	<20	<20	39	9.36	1.07	0.17	0.26	3.84	19	11	17	37	12	11	<5	0.33	104
891453		5			<.5	52	<2	79	2	35	14	<1.0	<5	<5	<5	4.25	165	<25	507	147	100	<20	<20	38	9.11	0.99	0.15	0.23	3.66	17	12	18	36	15	10	<5	0.34	93
891454		<5			<.5	48	<2	66	1	37	11	<1.0	<5	<5	<5	3.88	148	<25	567	129	105	<20	<20	41	9.95	1.03	0.17	0.24	3.58	17	13	20	38	13	11	<5	0.36	94
891455		18			<.5	17	<2	67	8	44	15	7.7	<5	13	<5	4.81	360	<25	902	119	103	<20	<20	39	9.48	1.79	1.13	0.54	3.48	44	13	13	40	14	13	<5	0.36	74
891456		6			<.5	159	<2	110	3	79	41	2.0	<5	23	<5	8.96	1342	<25	29	197	318	<20	<20	7	6.93	3.70	5.95	1.28	0.67	119	20	<10	36	27	37	12	0.67	37
891457		5			<.5	117	<2	93	2	68	33	<1.0	<5	25	<5	8.23	987	<25	288	151	296	<20	<20	16	7.53	3.26	3.29	0.81	1.92	77	18	11	39	25	30	<5	0.69	56

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62438.0 (COMPLET) DATE RECU : 18-JUL-00 DATE DE L'IMPRESSION: 3-AUO-00 PAGE 18(2/ 6)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	S PCT	Be PPM	P PPM	U PPM
891428		0.384	<1.0	297	<20
891429		0.391	<1.0	203	<20
891430		0.297	<1.0	314	<20
891431		0.217	<1.0	380	<20
891432		0.053	<1.0	470	<20
891433		0.072	<1.0	651	<20
891434		0.053	<1.0	380	23
891435		0.046	1.0	210	52
891436		0.381	<1.0	239	25
891437		0.230	<1.0	194	27
891438		0.073	<1.0	239	<20
891439		0.140	<1.0	826	<20
891440		0.156	1.1	1016	<20
891441		0.175	<1.0	507	<20
891442		0.201	1.1	614	<20
891443		0.126	<1.0	525	<20
891444		0.131	<1.0	486	<20
891445		0.622	<1.0	568	29
891446		4.426	3.5	285	<20
891447		3.083	2.6	335	20
891448		1.848	2.6	184	<20
891449		1.009	1.9	150	<20
891450		0.041	1.7	367	<20
891451		0.269	2.3	143	<20
891452		0.345	2.5	143	<20
891453		0.892	2.4	139	<20
891454		0.707	2.4	156	<20
891455		0.011	1.8	177	<20
891456		0.100	<1.0	318	<20
891457		0.085	1.4	284	<20

CHIMITEC
BONDAR CLEGG

Certificat D'Analyse
Assay Lab Report

RAPPORT: COO-62440.0 (COMPLET) RÉFÉRENCE: 148683

CLIENT: MINES ET EXPLORATION NORANDA INC. SOUMIS PAR: S.TREPANIER

PROJET: 1504 DATE RECU: 18-JUL-00 DATE DE L'IMPRESSION: 24-JUL-00

DATE APPROUVÉ	COMMANDE	ÉLÉMENT		NOMBRE D'ANALYSES	LIMITE INFÉRIEURE DE DETECTION	EXTRACTION	MÉTHODE
000720	1	Au30	Or	5	5 PPB	Pyro Analyse de 30g	30g Pyroanalyse - AA
000720	2	AuDup1	Or Duplicata	1	5 PPB	PYRO ANALYSE	
000720	3	Cu	Cuivre	5	1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000720	4	Pb	Plomb	5	2 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000720	5	Pb	Plomb	1	0.01 PCT	HF-HNO3-HCLO4-HCL	ABSORPTION ATOMIQUE
000720	6	Zn	Zinc	5	1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000720	7	ZnOL	Zinc, semiquant	1	0.1 PCT	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000720	8	Zn	Zinc	2	0.01 PCT	HF-HNO3-HCLO4-HCL	ABSORPTION ATOMIQUE
000720	9	Ag	Argent	5	0.1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000720	10	AgOL	Argent,semiquant.	1	1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000720	11	Ag	Argent	1	0.7 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE

TYPES D'ÉCHANTILLONS	NOMBRE	FRACTION UTILISÉE	NOMBRE	PRÉP. DE L'ÉCHAN.	NOMBRE
CAROTTE DE FORAGE	5	-150	5	CONCASSER, PULVERISE	5
				CONCASSER 95% -10 M.	5

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Ce rapport ne doit être reproduit que dans sa totalité. Les données présentées dans ce rapport sont exprimées sur base sèche sauf indication contraire et ne concernent que les échantillons reçus, identifiés par le numéro d'échantillon.

****

Chimitec - Bondar Clegg
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CHIMITEC
BONDAR CLEGG

Certificat D'Analyse
Assay Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62440.0 (COMPLET) DATE RECU: 18-JUL-00 DATE DE L'IMPRESSION: 24-JUL-00

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuDup1 PPB	Cu PPM	Pb PPM	Pb PCT	Zn PPM	ZnOL PCT	Zn PCT	Ag PPM	AgOL PPM	Ag PPM
889951		749	540	1409	>10000	7.36	>20000	10.8	10.40	>50.0	270	270.1
889952		118		421	364		680			3.2		
889953		163		443	575		1162			4.1		
889954		154		818	4913		13420		1.18	22.7		
889955		<5		224	51		321			0.5		

Chimitec - Bondar Clegg
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CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62578.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 7-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889501		<5	<.5	113	17	795	9	93	25	2.9	<5	40	<5	8.88	189	<25	245	209	174	<20	<20	32	7.99	0.87	0.36	0.65	1.47	43	10	21	29	41	17	<5	0.86	179	5.772	1.8
889502		<5	<.5	86	8	479	9	85	36	2.1	<5	22	<5	7.43	158	<25	260	246	174	<20	<20	31	9.56	0.69	0.33	0.69	1.80	45	10	18	25	50	21	<5	0.94	202	4.616	2.0
889503		<5	<.5	141	6	572	13	131	37	2.1	<5	15	7	>10.00	348	<25	296	219	188	<20	<20	48	>10.00	1.51	0.54	0.47	2.02	57	14	20	40	48	24	<5	0.80	249	5.918	2.0
889504		<5	<.5	150	<2	1049	11	147	21	3.1	<5	14	<5	>10.00	417	<25	261	253	155	<20	<20	31	9.01	0.91	0.94	0.35	1.59	47	11	12	19	33	21	6	0.69	138	6.308	1.7
889505		<5	<.5	121	<2	1003	10	188	32	3.2	<5	34	<5	>10.00	298	29	304	204	169	<20	<20	32	>10.00	0.99	0.65	0.44	2.12	43	12	19	28	34	24	<5	0.78	159	6.121	1.9
889506		<5	<.5	103	7	1197	12	124	43	3.6	<5	57	<5	>10.00	286	<25	311	222	170	<20	<20	36	>10.00	0.87	0.64	0.51	2.38	53	12	20	22	35	25	<5	0.81	166	7.033	1.9
889507		<5	<.5	155	<2	1350	12	146	27	4.1	<5	19	<5	>10.00	149	<25	345	246	191	<20	<20	35	>10.00	0.96	0.25	0.58	2.63	49	11	18	29	37	26	<5	0.82	168	6.809	2.0
889508		<5	<.5	117	9	704	9	107	22	2.2	<5	18	8	9.51	283	33	387	246	187	<20	<20	39	>10.00	1.29	0.51	0.56	1.80	47	14	20	33	45	27	<5	1.01	187	5.187	2.2
889509		11	<.5	173	5	1455	15	139	23	5.2	<5	18	<5	>10.00	295	<25	359	231	197	<20	<20	40	>10.00	0.99	0.52	0.39	2.48	51	13	18	25	43	22	<5	0.76	173	7.041	2.1
889510		6	<.5	184	20	1232	22	162	30	9.6	<5	40	<5	>10.00	250	<25	251	260	200	<20	<20	41	6.80	0.96	0.36	0.23	1.59	35	11	<10	24	40	13	10	0.41	132	8.393	1.6
889511		7	<.5	163	11	1224	20	134	37	4.7	<5	61	<5	>10.00	172	<25	309	236	243	<20	<20	36	7.92	1.16	0.21	0.26	1.98	24	12	13	31	44	15	6	0.45	141	>10.00	1.9
889512		10	<.5	227	13	1084	19	145	32	4.7	<5	53	<5	>10.00	262	<25	228	160	207	<20	<20	43	6.35	1.15	0.32	0.15	1.84	29	12	10	27	40	10	<5	0.29	139	>10.00	1.6
889513		15	<.5	218	24	957	22	127	28	3.9	<5	70	6	>10.00	149	<25	187	129	220	<20	<20	43	6.73	0.99	0.21	0.47	1.88	21	14	14	25	45	10	<5	0.31	157	>10.00	1.8
889514		23	<.5	184	44	655	27	154	29	3.6	<5	119	7	>10.00	158	<25	158	150	221	<20	<20	48	6.25	0.86	0.16	0.45	2.10	27	15	<10	22	47	9	<5	0.32	183	>10.00	1.8
889515		23	<.5	232	42	1504	27	176	36	5.7	<5	126	16	>10.00	170	<25	164	179	245	<20	<20	36	5.73	0.95	0.17	0.25	1.88	26	14	<10	23	38	10	<5	0.28	119	>10.00	1.6
889516		23	0.5	247	44	1245	28	167	39	5.5	<5	132	<5	>10.00	198	<25	147	187	263	<20	<20	32	5.65	1.07	0.17	0.33	1.87	24	14	<10	25	35	11	<5	0.25	103	>10.00	1.6
889517		20	<.5	403	33	1339	26	224	35	6.2	<5	94	<5	>10.00	706	<25	112	188	212	<20	<20	27	4.20	1.43	1.04	0.27	1.30	50	13	<10	23	23	8	<5	0.22	86	>10.00	1.3
889518		9	0.7	583	9	1250	20	296	19	5.3	<5	39	<5	>10.00	1531	<25	73	139	148	<20	<20	23	3.12	2.08	2.21	0.06	0.92	74	16	<10	22	15	5	<5	0.14	98	>10.00	1.0
889519		28	1.1	228	46	1319	28	165	43	5.8	<5	148	<5	>10.00	153	<25	174	205	238	<20	<20	33	5.49	0.87	0.17	0.31	1.89	26	11	<10	23	34	9	<5	0.26	113	>10.00	1.6
889520		10	<.5	326	25	1271	21	174	29	5.3	<5	91	6	>10.00	406	<25	168	193	222	<20	<20	34	4.91	1.18	0.54	0.35	1.67	35	10	<10	25	34	8	<5	0.24	105	>10.00	1.5
889521		18	<.5	212	23	1098	25	160	37	4.8	<5	110	<5	>10.00	159	<25	198	193	224	<20	<20	31	5.74	0.84	0.16	0.24	1.56	24	11	<10	22	36	9	<5	0.26	125	>10.00	1.7
889522		14	<.5	198	25	1243	24	150	35	4.6	<5	121	6	>10.00	151	<25	177	145	238	<20	<20	41	6.01	0.92	0.19	0.29	1.96	26	13	<10	23	42	10	<5	0.28	135	>10.00	1.6
889523		<5	0.5	190	27	812	16	155	32	3.0	<5	103	<5	>10.00	254	<25	209	252	209	<20	<20	33	7.32	0.84	0.50	0.52	2.49	45	11	<10	21	36	16	15	0.58	133	>10.00	1.8
889524		17	<.5	185	28	1252	22	146	34	4.8	<5	89	<5	>10.00	279	<25	214	180	205	<20	<20	39	6.39	1.09	0.48	0.16	2.21	34	13	12	24	39	10	<5	0.31	140	>10.00	1.7
889525		23	0.5	214	31	894	20	158	48	3.2	<5	106	<5	>10.00	454	<25	134	192	177	<20	<20	25	4.28	0.94	1.15	0.08	1.77	41	9	<10	13	22	7	<5	0.18	89	>10.00	1.3
889526		<5	0.5	146	<2	165	5	85	39	1.2	<5	96	<5	8.99	1275	<25	359	219	265	<20	<20	<5	6.36	3.11	5.90	0.88	1.36	90	5	<10	24	24	31	<5	0.36	52	2.775	1.2
889527		<5	0.8	185	4	136	5	96	64	1.4	<5	70	<5	9.26	1244	<25	115	170	286	<20	<20	<5	7.06	3.28	6.49	1.57	0.33	83	7	<10	53	27	35	<5	0.30	54	0.720	<1.0
889528		13	0.5	145	<2	102	5	89	45	<1.0	<5	54	<5	9.13	1362	<25	147	189	272	<20	<20	6	6.67	3.15	7.08	0.78	0.39	80	10	<10	55	26	33	<5	0.26	46	0.234	<1.0
889529		<5	0.8	149	<2	118	10	99	55	5.7	<5	53	<5	9.78	1421	<25	66	194	299	<20	<20	<5	7.48	3.55	6.78	1.57	0.09	87	18	<10	53	28	36	<5	0.48	52	0.685	<1.0
889530		<5	0.8	126	2	109	6	94	43	<1.0	<5	37	<5	9.46	1516	<25	<5	182	285	<20	<20	6	6.91	3.27	8.32	1.25	0.04	99	17	<10	46	27	33	<5	0.70	44	0.550	1.1

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889501		614	28
889502		564	27
889503		484	24
889504		498	<20
889505		487	<20
889506		477	<20
889507		490	<20
889508		612	<20
889509		457	21
889510		404	<20
889511		396	<20
889512		520	<20
889513		309	25
889514		287	<20
889515		330	<20
889516		443	<20
889517		849	<20
889518		1041	<20
889519		279	<20
889520		411	30
889521		301	37
889522		299	31
889523		480	<20
889524		324	28
889525		230	29
889526		349	<20
889527		369	<20
889528		337	<20
889529		394	<20
889530		364	<20

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889531		<5	<.5	140	<2	111	5	93	48	<1.0	<5	21	<5	9.86	1447	<25	<5	196	311	<20	<20	6	7.13	3.47	6.91	0.98	<.01	87	19	<10	39	30	36	<5	0.75	44	0.285	<1.0
889532		<5	<.5	139	<2	121	3	105	49	<1.0	<5	11	<5	>10.00	1462	32	<5	194	345	<20	<20	6	7.81	3.74	6.09	1.05	<.01	99	21	<10	28	34	40	<5	0.81	46	0.303	<1.0
889533		<5	0.5	131	<2	109	4	95	48	<1.0	<5	11	<5	>10.00	1537	<25	<5	177	321	<20	<20	7	7.15	3.54	7.99	0.52	0.01	130	19	<10	17	29	37	<5	0.73	35	0.383	<1.0
889534		<5	<.5	233	<2	129	2	105	50	<1.0	<5	12	<5	>10.00	2262	<25	<5	164	338	<20	<20	<5	7.27	3.59	6.06	1.84	0.01	58	21	10	24	30	40	<5	0.75	42	2.410	1.0
889535		<5	<.5	126	<2	118	5	98	45	<1.0	<5	23	<5	>10.00	1952	<25	297	159	334	<20	<20	6	7.69	3.57	7.02	1.38	0.24	74	19	<10	30	32	39	<5	0.79	37	0.743	1.1
889536		<5	0.8	138	<2	128	2	106	50	<1.0	<5	11	<5	>10.00	1939	<25	<5	185	356	<20	<20	6	8.12	3.26	7.27	1.21	0.01	131	21	11	22	33	42	<5	0.84	40	1.358	1.0
889537		<5	0.7	154	<2	165	3	98	44	<1.0	<5	10	<5	>10.00	1406	<25	199	253	332	<20	<20	5	7.48	3.63	5.24	1.77	0.30	41	18	<10	22	33	38	<5	0.71	36	2.357	1.3
889538		9	<.5	162	29	278	5	100	46	1.0	<5	11	<5	>10.00	1544	<25	152	224	329	<20	<20	7	7.27	3.80	5.12	1.35	0.49	61	19	<10	23	33	38	<5	0.68	47	3.218	1.1
889539		248	1.3	220	132	563	8	98	46	<1.0	<5	16	<5	>10.00	1354	<25	256	202	285	<20	<20	8	6.36	3.17	5.79	0.65	0.83	50	17	<10	20	30	31	<5	0.59	41	4.574	1.1
889540		6	0.6	167	9	137	3	98	54	<1.0	<5	12	<5	>10.00	1532	<25	66	227	315	<20	<20	6	7.24	3.74	6.66	1.38	0.27	84	19	<10	17	33	37	<5	0.68	41	2.372	1.1
889541		<5	<.5	111	5	123	<1	93	44	<1.0	<5	20	<5	>10.00	1570	<25	11	177	331	<20	<20	<5	7.32	3.80	6.13	1.07	0.08	100	20	<10	17	34	39	20	0.70	40	1.293	<1.0
889542		<5	<.5	150	21	142	3	97	54	<1.0	<5	26	<5	>10.00	1689	<25	<5	199	336	<20	<20	6	7.45	4.09	6.78	0.52	0.03	119	20	12	17	29	40	<5	0.71	34	1.033	1.0
889543		10	1.8	139	991	698	4	108	52	5.3	<5	26	<5	>10.00	1671	<25	<5	181	302	<20	<20	<5	6.98	3.87	7.45	1.13	0.03	71	19	<10	15	27	35	<5	0.64	32	1.168	<1.0
889544		<5	<.5	129	101	433	5	101	49	1.2	<5	33	<5	>10.00	1721	<25	<5	202	309	<20	<20	<5	6.87	3.85	7.29	0.53	<.01	79	19	10	19	30	36	<5	0.65	33	1.222	<1.0
889545		<5	0.7	119	4	207	3	101	42	<1.0	<5	55	12	>10.00	1782	<25	<5	186	319	<20	<20	6	7.02	3.85	7.16	0.57	<.01	77	19	<10	21	28	37	<5	0.66	41	1.205	<1.0
889546		<5	1.1	154	15	581	6	95	45	1.9	<5	110	8	>10.00	1714	<25	85	210	297	<20	<20	7	6.52	3.57	6.74	1.17	0.21	46	18	<10	23	30	34	<5	0.59	37	1.745	1.0
889547		30	1.2	143	4	142	4	108	52	1.3	<5	17	<5	>10.00	1593	<25	18	241	327	<20	<20	6	7.63	3.47	5.74	1.56	0.05	86	20	<10	21	32	38	<5	0.72	45	1.819	1.1
889548		<5	1.0	166	<2	103	3	99	58	<1.0	<5	11	<5	9.80	1523	<25	<5	249	329	<20	<20	7	7.40	3.25	6.95	1.11	0.02	91	18	<10	23	33	38	<5	0.72	42	0.887	1.0
889549		12	1.1	163	<2	123	5	106	55	<1.0	<5	15	<5	>10.00	1458	<25	5	230	353	<20	<20	6	8.55	3.61	5.15	1.94	<.01	83	22	<10	27	32	42	<5	0.80	49	0.651	1.0
889550		6	1.0	150	<2	111	2	96	49	<1.0	<5	6	<5	9.96	1606	<25	<5	252	316	<20	<20	5	7.42	3.24	8.25	0.27	<.01	142	19	10	23	30	36	<5	0.69	40	0.399	<1.0

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889531		357	<20
889532		401	<20
889533		327	<20
889534		295	<20
889535		390	<20
889536		394	<20
889537		335	<20
889538		347	<20
889539		358	<20
889540		338	<20
889541		392	<20
889542		415	<20
889543		341	<20
889544		354	<20
889545		369	<20
889546		341	<20
889547		378	<20
889548		347	<20
889549		433	<20
889550		353	<20

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CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62579.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 11-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Ag PPM	Au30 PPB	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889551		<.5	<5	171	3	121	1	96	42	<1.0	<5	<5	<5	8.64	1331	<25	<5	177	278	<20	<20	<5	6.78	3.18	6.79	1.26	<.01	78	18	11	54	22	33	<5	0.34	34	0.248	<1.0
889552		0.7	<5	134	4	106	2	100	45	<1.0	<5	<5	<5	9.17	1304	<25	30	175	276	<20	<20	<5	6.98	3.28	7.08	1.06	0.09	96	10	<10	72	23	34	<5	0.22	36	0.231	<1.0
889553		<.5	<5	129	<2	111	2	88	39	<1.0	<5	13	9	9.09	1337	<25	97	172	276	<20	<20	<5	6.55	3.35	7.01	0.64	0.67	90	8	<10	63	23	33	11	0.33	44	1.179	<1.0
889554		<.5	47	156	70	558	25	160	32	2.0	<5	128	11	>10.00	182	<25	74	150	271	<20	<20	45	6.21	0.90	0.66	0.22	2.18	31	17	<10	20	44	10	<5	0.28	151	>10.00	1.2
889555		1.1	29	229	74	431	29	198	58	1.6	<5	103	<5	>10.00	182	<25	126	121	245	<20	<20	41	6.51	0.75	0.60	0.22	2.38	32	15	12	16	39	10	12	0.26	169	>10.00	1.4
889556		<.5	<5	122	132	1763	6	93	13	5.0	<5	7	<5	9.39	1449	<25	98	249	231	<20	<20	<5	5.21	3.37	4.77	0.16	1.39	56	6	<10	36	19	26	<5	0.32	42	4.122	<1.0
889557		<.5	<5	225	30	861	15	174	40	2.8	<5	79	<5	>10.00	213	<25	154	209	234	<20	<20	35	8.58	0.84	0.81	0.28	3.12	42	13	16	17	37	19	13	0.55	145	>10.00	1.6
889558		1.0	40	137	77	676	22	180	31	2.3	<5	130	13	>10.00	91	<25	63	168	244	<20	<20	34	6.63	0.68	0.41	0.22	2.33	31	13	11	19	36	12	<5	0.38	138	>10.00	1.2
889559		<.5	5	146	44	987	17	195	26	3.3	<5	86	<5	>10.00	125	<25	84	171	202	<20	<20	35	7.76	0.90	0.67	0.30	2.65	41	15	13	25	38	18	<5	0.60	164	>10.00	1.4
889560		<.5	16	121	48	683	19	170	34	2.7	<5	89	6	>10.00	145	<25	100	181	200	<20	<20	37	7.56	0.92	0.59	0.33	2.45	53	15	11	26	39	15	15	0.51	181	>10.00	1.3
889561		<.5	<5	140	18	573	12	156	16	2.3	<5	32	<5	>10.00	196	<25	198	185	140	<20	<20	52	9.15	1.08	0.87	0.52	2.64	91	18	20	33	60	18	<5	0.53	343	7.292	2.0
889562		0.5	14	109	21	582	22	112	20	8.1	<5	24	<5	9.48	112	<25	212	209	168	<20	<20	45	9.87	0.92	0.38	0.70	2.72	129	14	21	38	35	21	<5	0.65	212	4.931	2.0
889563		<.5	<5	77	24	649	15	107	28	2.7	<5	54	<5	>10.00	62	<25	202	220	179	<20	<20	46	9.75	0.79	0.23	0.64	2.79	104	13	22	36	31	22	8	0.64	192	6.588	1.5
889564		<.5	<5	101	21	381	11	111	23	1.8	<5	26	5	>10.00	157	<25	175	183	163	<20	<20	37	9.75	0.91	0.54	0.89	2.30	152	11	19	42	27	19	<5	0.58	152	5.729	1.7
889565		<.5	<5	84	31	489	11	98	22	1.8	<5	19	5	9.32	294	<25	186	214	158	<20	<20	46	9.50	1.15	1.20	0.84	2.26	137	16	16	43	48	18	<5	0.52	271	5.229	1.7
889566		<.5	<5	126	22	521	10	133	14	2.2	<5	13	<5	>10.00	83	<25	201	207	159	<20	<20	42	9.79	0.72	0.31	0.87	2.40	139	14	19	40	33	19	21	0.57	195	5.951	1.8
889567		<.5	22	72	21	537	15	96	38	2.2	<5	52	<5	>10.00	92	<25	199	211	184	<20	<20	48	9.86	0.84	0.32	0.77	2.61	112	17	21	41	45	20	11	0.61	231	6.915	1.8
889568		<.5	<5	116	30	449	17	131	24	1.8	<5	36	<5	>10.00	101	<25	174	168	189	<20	<20	46	9.23	1.07	0.26	0.65	2.35	93	15	19	46	38	19	<5	0.56	196	6.979	1.7
889569		<.5	<5	83	23	566	14	129	22	2.6	<5	44	10	>10.00	69	<25	231	224	191	<20	<20	42	>10.00	0.87	0.24	0.70	2.94	99	15	22	40	35	25	<5	0.74	207	5.961	1.7
889570		<.5	<5	113	27	444	11	129	15	1.2	<5	9	<5	>10.00	166	<25	204	197	161	<20	<20	38	9.70	1.05	0.47	0.68	2.49	103	13	19	43	31	21	13	0.62	187	4.863	1.8
889571		<.5	<5	114	20	396	11	130	57	1.4	<5	56	<5	>10.00	82	<25	182	195	143	<20	<20	41	8.94	0.86	0.29	0.62	2.33	90	17	20	40	40	18	8	0.51	247	7.586	1.7
889572		<.5	<5	76	22	657	15	102	20	2.2	<5	18	<5	8.07	75	<25	250	197	185	<20	<20	41	>10.00	0.88	0.26	0.56	3.15	71	15	26	37	36	26	21	0.72	206	4.639	1.7
889573		<.5	<5	111	14	645	9	135	37	1.7	<5	40	<5	>10.00	118	<25	217	228	167	<20	<20	42	9.59	0.90	0.36	0.44	2.81	50	13	18	33	33	23	8	0.66	196	6.592	1.6
889574		<.5	<5	125	17	865	10	121	28	2.3	<5	23	<5	>10.00	153	<25	227	237	196	<20	<20	30	9.78	0.84	0.55	0.44	3.19	46	11	18	31	39	22	<5	0.77	141	6.199	1.7
889575		<.5	<5	82	13	532	10	95	17	1.7	<5	28	<5	7.99	120	<25	226	291	164	<20	<20	38	9.22	0.78	0.41	0.45	2.77	48	16	20	32	40	19	<5	0.62	213	4.582	1.8
889576		<.5	<5	139	20	535	10	151	23	1.9	<5	28	<5	>10.00	287	<25	187	250	172	<20	<20	37	8.16	1.02	0.96	0.59	1.91	75	14	17	39	35	16	<5	0.54	173	7.928	1.4
889577		<.5	<5	85	25	453	10	105	19	1.7	<5	30	7	9.99	128	<25	200	178	172	<20	<20	44	>10.00	1.03	0.39	1.00	2.32	131	14	22	60	42	21	8	0.64	220	5.723	2.1
889578		<.5	<5	75	25	877	8	96	24	3.0	<5	35	<5	8.92	107	<25	240	189	171	<20	<20	35	>10.00	0.82	0.34	0.68	2.80	76	12	20	40	37	24	<5	0.79	173	5.300	1.7
889579		<.5	<5	29	22	401	11	60	32	1.4	<5	52	<5	6.79	142	<25	198	273	178	<20	<20	45	>10.00	0.85	0.44	0.76	2.59	96	12	22	45	39	23	9	0.68	188	4.274	1.7
889580		<.5	<5	87	19	284	11	86	7	1.4	<5	11	<5	7.94	76	<25	200	201	182	<20	<20	41	>10.00	0.73	0.26	1.08	2.65	135	11	27	53	34	21	19	0.69	180	4.294	2.1

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62579.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 11-AUO-00 PAGE 1B(2/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889551		372	<20
889552		387	<20
889553		346	<20
889554		470	<20
889555		276	36
889556		257	<20
889557		455	39
889558		394	<20
889559		570	<20
889560		372	26
889561		328	<20
889562		389	<20
889563		368	<20
889564		277	<20
889565		281	<20
889566		328	<20
889567		335	<20
889568		334	<20
889569		352	<20
889570		385	<20
889571		317	25
889572		335	<20
889573		390	<20
889574		520	<20
889575		381	<20
889576		405	<20
889577		320	<20
889578		543	<20
889579		366	<20
889580		265	<20

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62579.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 11-AUO-00 PAGE 2A(3/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Ag PPM	Au30 PPB	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889581		<.5	<5	83	33	319	15	102	23	7.5	<5	40	5	9.38	296	<25	177	205	155	<20	<20	40	9.62	1.04	0.79	0.88	2.27	125	15	19	49	35	19	<5	0.55	199	5.624	1.8
889582		<.5	<5	93	25	613	11	93	9	3.3	<5	11	<5	8.61	139	<25	209	206	171	<20	<20	48	>10.00	0.90	0.37	0.95	2.53	141	16	23	54	37	20	11	0.65	214	4.338	2.2
889583		0.6	<5	101	20	377	12	102	24	1.4	<5	31	<5	9.83	162	<25	190	227	180	<20	<20	41	>10.00	0.72	0.45	1.00	2.16	155	11	24	49	29	18	10	0.61	145	6.374	1.9
889584		<.5	<5	118	21	650	11	130	28	2.3	<5	40	<5	>10.00	115	<25	174	172	173	<20	<20	38	9.63	0.80	0.26	0.88	2.16	137	12	17	54	30	17	10	0.56	142	7.764	1.7
889585		0.5	39	93	30	844	12	124	39	3.8	<5	69	<5	>10.00	233	<25	178	180	214	<20	<20	40	9.57	0.86	0.50	0.69	2.27	114	13	16	45	36	18	<5	0.58	147	9.117	1.8
889586		<.5	26	91	28	440	12	98	29	1.8	<5	48	<5	9.73	265	<25	199	222	184	<20	<20	36	9.83	0.78	0.45	0.71	2.79	118	11	21	41	26	18	13	0.59	154	7.045	2.4
889587		<.5	<5	112	16	694	11	110	29	3.8	<5	33	<5	9.60	558	<25	244	184	177	<20	<20	42	9.21	0.99	0.79	0.43	3.01	58	12	20	31	35	16	<5	0.52	149	5.358	2.8
889588		1.5	48	204	48	1999	109	167	33	13.8	<5	44	<5	>10.00	1686	<25	124	137	873	<20	<20	37	5.03	1.30	1.27	0.22	1.43	32	27	<10	29	82	10	<5	0.25	77	7.999	2.1
889589		1.7	59	435	45	3916	120	284	21	26.7	<5	9	34	>10.00	1088	<25	151	144	1438	<20	<20	28	3.55	0.67	1.06	0.14	1.39	30	26	<10	15	130	7	<5	0.17	51	>10.00	2.1
889590		1.4	55	308	49	1661	85	217	34	12.2	<5	37	<5	>10.00	8190	<25	70	145	820	<20	<20	29	1.86	1.83	3.70	0.03	0.38	56	39	<10	26	77	<5	7	0.07	82	9.123	1.1
889591		<.5	8	158	15	1124	35	84	20	8.7	<5	47	<5	>10.00	11667	<25	150	138	299	<20	<20	18	1.81	1.89	2.95	0.05	0.41	40	18	<10	15	21	<5	<5	0.07	40	3.503	2.1
889592		<.5	31	447	16	1186	38	77	24	9.6	<5	99	<5	>10.00	12025	<25	138	140	305	<20	<20	18	1.83	1.90	2.87	0.02	0.47	41	19	<10	15	24	<5	<5	0.08	44	2.746	1.6
889593		<.5	60	365	15	1766	38	83	24	11.6	<5	34	<5	>10.00	14996	<25	134	130	332	<20	<20	18	1.66	1.71	2.97	0.03	0.65	48	18	<10	10	30	<5	<5	0.07	34	3.143	1.6
889594		<.5	55	361	10	1429	38	87	25	10.1	<5	68	<5	>10.00	12000	<25	123	155	327	<20	<20	23	2.00	1.73	2.80	0.03	0.75	52	17	<10	12	28	<5	<5	0.08	41	2.994	1.7
889595		<.5	22	151	8	755	24	49	17	6.2	<5	46	<5	>10.00	11736	<25	52	132	238	<20	<20	13	1.17	2.02	3.07	0.01	0.31	48	14	<10	12	19	<5	<5	0.04	31	1.602	1.1
889596		<.5	49	176	5	669	27	54	21	4.9	<5	44	15	>10.00	11018	<25	24	122	237	<20	<20	14	1.16	2.09	3.17	<.01	0.19	47	15	<10	13	20	<5	20	0.05	31	1.940	<1.0
889597		<.5	32	160	8	694	23	57	18	5.8	<5	12	6	>10.00	10686	<25	14	162	232	<20	<20	15	1.14	2.03	3.20	<.01	0.12	50	15	<10	15	18	<5	<5	0.04	32	2.013	<1.0
889598		0.5	83	271	18	646	35	62	20	10.9	<5	104	18	>10.00	9867	<25	13	169	283	<20	<20	15	1.45	1.91	3.07	<.01	0.11	45	16	<10	21	22	<5	8	0.05	31	2.236	<1.0
889599		<.5	83	536	15	1579	56	114	29	13.9	<5	88	11	>10.00	8903	<25	24	126	516	<20	<20	20	1.53	1.80	3.04	<.01	0.16	53	26	<10	21	43	<5	10	0.06	36	4.292	<1.0
889600		<.5	106	472	23	2290	75	145	18	19.1	<5	111	14	>10.00	9951	<25	16	119	683	<20	<20	29	2.13	1.89	2.97	<.01	0.15	61	37	<10	29	59	<5	<5	0.10	55	4.825	<1.0

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62579.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 11-AUO-00 PAGE 2B(4/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889581		263	<20
889582		331	<20
889583		234	<20
889584		211	<20
889585		371	<20
889586		280	26
889587		260	<20
889588		939	36
889589		864	35
889590		3628	<20
889591		2289	<20
889592		2409	<20
889593		2242	28
889594		2218	<20
889595		2829	<20
889596		2866	<20
889597		2957	<20
889598		2491	<20
889599		2957	<20
889600		3288	45

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62580.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 14-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889601		79	<.5	387	25	1897	54	124	26	14.9	<5	66	<5	>10.00	9492	<25	<5	116	496	<20	<20	25	1.81	1.88	3.03	0.01	0.06	61	25	<10	28	42	<5	5	0.06	43	4.343	<1.0
889602		111	<.5	348	133	2757	82	137	25	22.6	<5	124	<5	>10.00	8455	<25	<5	130	841	<20	<20	27	2.32	1.69	2.41	0.01	0.03	50	33	<10	42	72	<5	<5	0.07	53	5.065	<1.0
889603		128	1.5	352	51	2956	94	123	29	26.0	<5	177	21	>10.00	7538	<25	<5	134	812	<20	<20	33	2.05	1.56	2.34	0.02	0.02	54	34	<10	32	68	<5	11	0.06	55	6.195	<1.0
889604		51	<.5	193	23	1828	48	65	24	13.6	<5	35	<5	>10.00	12423	<25	8	139	417	<20	<20	23	2.40	1.85	2.79	0.03	0.12	48	21	<10	36	33	<5	<5	0.06	51	3.975	<1.0
889605		68	<.5	174	27	2209	52	67	21	14.9	<5	38	<5	>10.00	15914	<25	7	150	445	<20	<20	24	2.67	1.92	3.01	0.06	0.40	63	24	<10	30	35	<5	16	0.07	53	4.789	<1.0
889606		22	<.5	236	39	2050	48	92	65	17.8	<5	9	<5	>10.00	12993	<25	10	165	351	<20	<20	22	2.34	2.09	3.72	0.03	0.45	75	18	<10	21	27	<5	<5	0.05	44	6.648	<1.0
889607		<5	<.5	268	16	1212	13	109	30	7.2	<5	7	<5	>10.00	933	<25	212	239	194	<20	<20	30	8.72	0.82	0.53	0.15	3.96	39	11	15	21	27	23	<5	0.52	140	7.102	2.4
889608		11	<.5	224	15	760	9	116	15	3.6	<5	10	<5	>10.00	464	<25	201	241	185	<20	<20	35	8.68	0.77	0.71	0.15	4.12	42	12	20	19	30	24	<5	0.55	161	6.283	2.2
889609		52	0.8	370	29	737	22	218	35	3.6	<5	38	<5	>10.00	682	<25	90	176	142	<20	<20	24	3.39	0.73	0.43	0.05	1.30	20	8	<10	16	16	8	<5	0.19	77	>10.00	1.0
889610		29	<.5	285	43	540	13	141	43	2.5	<5	42	<5	>10.00	1496	<25	122	192	139	<20	<20	23	3.82	1.42	0.89	0.05	1.35	28	10	<10	25	16	8	14	0.19	73	>10.00	1.2
889611		17	1.5	381	34	1070	18	214	22	5.5	<5	<5	<5	>10.00	197	<25	199	164	199	<20	<20	29	6.04	0.67	0.13	0.10	2.47	19	8	11	20	27	11	<5	0.31	113	>10.00	2.3
889612		<5	<.5	87	19	54	6	42	10	<1.0	<5	8	<5	>10.00	4421	<25	19	137	65	<20	<20	12	0.91	3.05	4.35	0.02	0.24	37	9	<10	10	<5	<5	<5	0.04	30	3.792	<1.0
889613		<5	<.5	20	4	32	4	11	13	1.2	<5	<5	<5	>10.00	6208	<25	<5	160	23	<20	<20	<5	0.14	2.78	2.49	0.01	<.01	19	5	<10	4	<5	<5	<5	<.01	5	1.025	<1.0
889614		<5	<.5	13	12	48	3	12	15	<1.0	<5	6	<5	>10.00	7768	<25	<5	125	36	<20	<20	9	0.37	3.75	4.52	<.01	<.01	39	7	<10	7	<5	<5	6	<.01	9	0.763	<1.0
889615		<5	<.5	7	8	30	2	6	13	1.0	<5	12	<5	>10.00	9539	<25	<5	123	22	<20	<20	<5	0.22	2.87	3.64	<.01	<.01	25	<5	<10	5	<5	<5	<5	0.02	8	0.121	<1.0
889616		<5	<.5	13	2	66	3	16	16	<1.0	<5	19	6	>10.00	9477	<25	<5	99	31	<20	<20	8	0.35	3.42	5.54	<.01	0.01	46	6	<10	5	<5	<5	13	0.02	9	1.066	<1.0
889617		<5	<.5	14	8	37	3	9	15	<1.0	<5	12	<5	>10.00	7547	<25	<5	125	30	<20	<20	6	0.25	3.54	3.23	<.01	0.03	22	6	<10	3	<5	<5	6	<.01	7	0.921	<1.0
889618		<5	<.5	8	10	31	2	9	15	<1.0	<5	<5	<5	>10.00	7455	<25	<5	136	26	<20	<20	6	0.18	3.08	3.06	<.01	0.01	16	6	<10	2	<5	<5	<5	<.01	<5	0.380	<1.0
889619		<5	<.5	12	2	39	1	11	16	<1.0	<5	<5	6	>10.00	7489	<25	9	140	33	<20	<20	11	0.23	3.08	2.98	<.01	0.05	29	7	<10	3	<5	<5	<5	0.01	9	0.515	<1.0
889620		23	<.5	13	7	24	4	8	14	<1.0	<5	<5	<5	>10.00	5059	<25	8	122	25	<20	<20	8	0.19	3.70	6.19	0.01	0.02	47	6	<10	4	<5	<5	<5	<.01	6	1.102	<1.0
889621		<5	<.5	6	4	18	1	10	16	<1.0	<5	15	<5	>10.00	10870	<25	<5	109	24	<20	<20	7	0.29	2.71	3.21	<.01	<.01	18	6	<10	3	<5	<5	<5	0.03	7	0.109	<1.0
889622		9	<.5	131	7	118	5	25	37	<1.0	<5	13	<5	>10.00	9258	<25	7	54	35	<20	<20	88	0.49	1.98	3.29	0.08	0.20	36	23	<10	<2	<5	<5	<5	0.06	13	2.386	<1.0
889623		<5	<.5	113	8	109	2	33	57	1.1	<5	6	<5	>10.00	8312	<25	<5	18	40	<20	<20	<5	0.12	2.83	2.82	0.04	0.06	21	12	<10	<2	<5	<5	7	0.02	<5	1.029	2.2
889624		7	<.5	36	9	81	2	8	36	<1.0	<5	<5	<5	>10.00	9002	<25	<5	52	26	<20	<20	7	0.20	2.46	2.57	0.06	0.10	18	10	<10	<2	<5	<5	<5	0.02	8	0.224	1.1
889625		10	<.5	169	14	131	11	41	56	9.4	<5	18	<5	>10.00	4680	<25	<5	50	27	<20	<20	<5	0.24	3.15	3.69	0.06	0.11	24	8	<10	<2	<5	<5	<5	0.02	5	2.511	<1.0
889626		8	<.5	208	12	81	9	69	34	2.0	<5	11	<5	>10.00	3594	<25	<5	133	138	<20	<20	12	0.91	1.95	1.96	0.02	0.02	14	11	<10	3	11	<5	<5	0.08	32	7.317	<1.0
889627		<5	<.5	12	<2	178	2	10	17	<1.0	<5	6	<5	>10.00	9245	<25	<5	92	22	<20	<20	6	0.32	1.84	1.64	0.08	0.15	10	8	<10	<2	<5	<5	14	0.03	8	0.253	1.1
889628		<5	<.5	9	<2	115	4	19	19	1.4	<5	15	<5	>10.00	12991	<25	<5	47	26	<20	<20	10	0.49	2.52	1.54	0.14	0.22	12	10	<10	<2	<5	<5	11	0.07	21	0.019	1.4
889629		<5	<.5	8	7	125	2	12	20	1.3	<5	13	<5	>10.00	12478	<25	<5	48	20	<20	<20	6	0.41	2.66	1.58	0.11	0.18	12	8	<10	<2	<5	<5	<5	0.05	13	0.052	1.4
889630		63	<.5	47	11	90	2	13	18	<1.0	<5	5	<5	>10.00	12626	<25	46	64	41	<20	<20	<5	0.85	1.81	2.74	0.21	0.32	34	7	<10	<2	<5	<5	<5	0.05	15	2.219	1.1

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889601		2903	24
889602		3070	38
889603		2992	43
889604		2319	25
889605		2714	<20
889606		2663	<20
889607		542	<20
889608		445	<20
889609		409	<20
889610		495	26
889611		288	<20
889612		424	<20
889613		389	<20
889614		496	<20
889615		378	<20
889616		505	<20
889617		401	<20
889618		417	<20
889619		457	23
889620		284	<20
889621		409	<20
889622		8635	<20
889623		395	<20
889624		971	<20
889625		242	<20
889626		594	<20
889627		591	<20
889628		893	<20
889629		616	24
889630		547	<20

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
891458		19	<.5	96	10	101	4	47	17	<1.0	<5	<5	<5	7.96	381	<25	538	142	134	<20	<20	28	7.38	1.64	0.36	0.04	4.01	19	10	16	39	12	11	8	0.23	68	2.728	2.2
891459		20	<.5	76	9	122	1	44	20	1.1	<5	<5	10	7.84	419	<25	506	138	133	<20	<20	34	7.82	1.81	0.41	0.20	4.00	34	9	12	44	11	11	<5	0.26	61	2.782	2.2
891460		8	<.5	44	<2	101	3	32	16	<1.0	<5	7	<5	5.27	253	<25	514	125	103	<20	<20	32	7.51	1.59	0.31	0.58	3.89	40	10	17	41	13	10	<5	0.27	106	1.174	2.1
891461		6	<.5	35	12	79	1	34	12	<1.0	<5	<5	<5	3.62	110	<25	701	107	71	<20	<20	33	8.27	1.30	0.10	0.65	4.08	33	9	16	37	8	9	<5	0.26	136	0.943	1.9
891462		13	<.5	68	11	112	3	37	14	<1.0	<5	<5	<5	7.41	255	<25	471	172	91	<20	<20	31	8.46	1.51	0.27	0.93	3.51	47	8	19	41	11	10	<5	0.26	68	1.066	2.3
891463		7	<.5	58	9	62	4	41	11	<1.0	<5	<5	<5	3.78	340	<25	832	95	109	<20	<20	38	8.81	1.61	0.70	0.06	4.12	35	8	16	39	12	9	10	0.24	168	1.160	1.8
891464		<5	<.5	55	25	70	7	40	15	<1.0	<5	6	<5	3.83	464	<25	743	122	119	<20	<20	29	7.96	1.65	1.20	0.06	3.53	52	7	18	36	13	10	<5	0.24	163	0.878	1.7
891465		7	<.5	112	9	241	2	90	49	<1.0	<5	<5	<5	>10.00	1103	<25	533	249	403	<20	<20	6	8.59	4.16	1.60	0.04	3.56	60	7	15	52	33	42	<5	0.55	89	2.084	1.7
891466		<5	<.5	75	24	110	5	57	21	<1.0	<5	<5	<5	5.25	635	<25	666	222	197	<20	<20	27	8.42	2.15	1.67	0.07	3.40	83	6	13	41	23	20	<5	0.32	128	1.222	1.6
891467		<5	<.5	38	12	79	2	24	11	<1.0	<5	7	<5	6.18	191	27	503	125	73	<20	<20	33	8.47	1.34	0.11	0.75	2.75	41	6	22	39	10	10	<5	0.26	66	0.180	2.3
891468		<5	<.5	19	11	67	2	26	10	<1.0	<5	<5	<5	5.95	339	<25	515	159	65	<20	<20	34	8.71	1.24	0.23	0.79	2.81	72	9	19	39	11	9	<5	0.27	76	0.208	2.2
891469		<5	<.5	39	18	91	8	37	12	6.3	<5	9	<5	6.84	326	<25	403	162	69	<20	<20	31	8.26	1.43	0.16	1.09	2.30	37	6	19	35	12	9	<5	0.25	65	0.410	2.2
891470		<5	<.5	9	13	43	3	28	12	<1.0	<5	14	<5	4.88	984	27	421	176	77	<20	<20	25	7.15	1.83	1.35	0.45	2.35	65	6	16	33	11	8	<5	0.23	62	0.057	2.1
891471		<5	<.5	24	4	78	1	29	12	<1.0	<5	<5	<5	4.97	163	31	509	106	75	<20	<20	41	>10.00	1.19	0.06	0.19	3.43	28	7	26	39	10	11	<5	0.31	85	0.388	2.4
891472		5	<.5	20	<2	34	3	27	14	<1.0	<5	15	<5	5.30	244	<25	430	134	99	<20	<20	32	9.16	1.54	0.15	0.08	2.52	15	6	21	44	10	12	<5	0.31	73	0.111	2.0
891473		<5	<.5	7	20	32	6	32	8	<1.0	<5	12	<5	3.24	413	28	583	98	105	<20	<20	28	7.91	1.81	0.91	0.06	3.28	34	9	18	50	15	8	<5	0.25	143	0.013	1.9
891474		14	<.5	3	18	32	4	30	10	<1.0	<5	9	<5	3.26	379	<25	491	199	100	<20	<20	27	6.84	1.83	1.11	0.06	2.75	40	11	17	39	14	9	<5	0.22	87	0.004	2.2
891475		<5	<.5	14	3	77	2	36	11	<1.0	<5	8	<5	5.39	376	<25	507	215	87	<20	<20	41	9.30	1.43	0.17	0.11	3.56	25	6	21	43	13	10	<5	0.30	82	0.132	2.8
891476		<5	<.5	36	<2	71	2	26	12	<1.0	<5	11	<5	4.74	141	<25	393	145	77	<20	<20	36	9.16	1.00	0.12	0.53	3.31	43	6	23	36	9	11	<5	0.28	77	0.355	2.3
891477		7	<.5	35	16	71	3	29	13	<1.0	<5	8	<5	4.86	149	<25	402	180	84	<20	<20	41	>10.00	1.06	0.07	0.65	3.56	50	6	27	36	12	11	<5	0.32	87	0.536	2.3

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
891458		375	<20
891459		220	25
891460		667	<20
891461		164	<20
891462		329	<20
891463		219	<20
891464		193	<20
891465		591	<20
891466		283	<20
891467		226	<20
891468		464	<20
891469		186	<20
891470		157	<20
891471		115	<20
891472		133	<20
891473		176	<20
891474		1420	<20
891475		138	<20
891476		126	<20
891477		117	<20

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM	P PPM
891478		<5	<.5	49	32	78	7	45	14	8.5	13	11	<5	4.72	156	<25	383	100	83	<20	<20	46	9.88	0.99	0.07	0.52	3.86	52	6	28	38	14	11	<5	0.31	85	0.664	2.4	106
891479		11	<.5	54	22	83	4	40	12	1.1	<5	6	<5	4.58	129	<25	398	130	118	<20	<20	45	>10.00	0.99	0.06	0.77	4.10	65	7	25	39	13	12	<5	0.33	94	0.703	2.3	110
891480		<5	<.5	30	3	73	2	41	14	<1.0	<5	<5	<5	5.82	201	<25	388	111	76	<20	<20	46	>10.00	1.15	0.05	0.47	4.11	62	6	28	37	8	11	<5	0.31	85	0.458	2.3	151
891481		<5	<.5	35	12	75	3	39	14	<1.0	<5	9	<5	5.41	174	<25	457	128	83	<20	<20	49	>10.00	1.11	0.07	0.56	4.41	62	6	27	40	15	12	<5	0.34	92	0.509	2.5	118
891482		6	<.5	41	15	75	<1	41	15	<1.0	<5	<5	<5	4.86	144	<25	421	151	91	<20	<20	46	>10.00	1.04	0.07	0.41	3.99	54	6	26	40	12	12	<5	0.33	89	0.645	2.3	126
891483		10	<.5	71	12	339	5	52	20	3.3	<5	<5	<5	6.45	245	32	427	174	286	<20	<20	32	9.09	1.11	0.15	0.25	3.94	43	7	21	43	29	11	<5	0.25	69	1.541	2.4	114
891484		<5	<.5	72	9	177	2	42	20	<1.0	<5	<5	<5	9.03	609	<25	393	125	131	<20	<20	34	9.01	1.34	0.21	0.04	3.95	20	6	20	44	14	10	<5	0.26	67	1.285	2.6	121
891485		58	<.5	79	7	180	6	58	20	1.3	<5	<5	<5	8.21	243	<25	540	142	271	<20	<20	35	9.85	1.46	0.28	0.05	3.70	28	7	25	44	28	11	<5	0.29	86	2.071	2.1	99
891486		7	<.5	117	16	757	9	137	25	2.8	<5	20	<5	8.83	102	<25	332	163	182	<20	<20	40	>10.00	0.90	0.17	1.09	3.49	78	12	24	35	39	22	<5	0.85	191	4.079	1.6	549
891487		7	<.5	120	10	862	6	143	25	2.7	<5	12	<5	8.83	107	28	336	157	183	<20	<20	35	>10.00	0.97	0.22	1.33	3.57	78	12	29	37	35	29	7	0.90	179	4.096	1.8	646
891488		6	<.5	111	14	746	9	135	24	2.6	<5	26	<5	9.11	174	<25	339	149	191	<20	<20	38	9.73	0.90	0.23	0.94	3.30	82	12	26	36	40	24	9	0.95	187	4.210	1.8	597
891489		18	<.5	150	25	1320	13	181	32	4.5	<5	11	<5	>10.00	393	<25	273	149	197	<20	<20	34	9.28	1.49	0.55	0.53	2.72	72	13	18	45	34	22	<5	0.67	149	6.065	1.6	560
891490		9	<.5	113	27	467	10	118	21	1.7	<5	16	<5	>10.00	235	<25	308	177	184	<20	<20	49	9.89	1.24	0.38	0.80	2.86	82	17	26	45	39	23	<5	0.72	294	4.959	1.7	490
891491		<5	<.5	102	13	467	10	104	24	2.3	<5	30	6	9.63	140	<25	315	202	193	<20	<20	51	>10.00	1.23	0.19	0.92	3.00	93	16	24	50	41	27	<5	0.79	289	4.776	1.8	482
891492		<5	<.5	91	18	533	12	123	17	2.5	<5	208	<5	9.68	265	28	307	226	179	<20	<20	45	>10.00	1.31	0.48	0.61	3.01	95	13	23	42	38	24	<5	0.72	203	3.645	1.7	418
891493		<5	<.5	114	13	516	10	135	26	2.4	<5	85	<5	>10.00	249	<25	308	238	183	<20	<20	39	>10.00	1.24	0.51	0.64	2.94	97	13	19	42	36	25	7	0.74	200	4.892	1.7	495
891494		<5	<.5	96	21	507	11	131	22	2.4	<5	33	<5	>10.00	160	<25	325	261	181	<20	<20	64	9.90	1.13	0.30	0.61	3.04	85	16	23	42	47	26	<5	0.72	226	5.093	1.6	584
891495		129	<.5	117	25	230	8	139	49	1.8	<5	278	<5	>10.00	583	<25	190	198	194	<20	<20	27	8.01	2.34	0.94	0.45	1.77	65	14	15	61	28	23	<5	0.82	179	6.645	1.3	673
891496		5	<.5	130	19	460	10	140	22	1.8	<5	21	<5	>10.00	600	<25	199	200	161	<20	<20	34	8.53	1.64	1.09	0.71	2.08	103	12	18	43	26	19	5	0.58	169	5.892	1.4	671
891497		<5	<.5	168	17	523	9	154	23	4.0	<5	15	<5	>10.00	121	28	191	181	172	<20	<20	38	9.93	0.72	0.20	1.17	2.29	154	10	23	41	25	19	8	0.60	145	7.273	1.8	281
891498		<5	<.5	166	23	367	9	130	26	2.4	<5	15	<5	>10.00	169	<25	206	202	174	<20	<20	34	>10.00	0.72	0.25	1.20	2.57	163	10	25	40	26	19	<5	0.59	154	6.672	1.8	298
891499		<5	<.5	154	9	424	8	130	40	2.2	<5	22	<5	>10.00	232	30	201	223	162	<20	<20	38	9.58	0.70	0.41	0.95	2.49	139	10	22	33	23	18	<5	0.53	143	7.115	1.6	207
891500		7	<.5	113	17	441	9	126	27	1.8	<5	25	<5	>10.00	196	<25	231	252	183	<20	<20	39	9.86	0.92	0.33	0.61	2.98	79	13	20	32	32	22	7	0.66	170	6.280	1.5	431

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT U UNITÉS PPM
891478	<20
891479	<20
891480	<20
891481	<20
891482	<20
891483	<20
891484	<20
891485	<20
891486	<20
891487	<20
891488	<20
891489	<20
891490	<20
891491	<20
891492	<20
891493	<20
891494	<20
891495	<20
891496	<20
891497	<20
891498	<20
891499	<20
891500	25

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Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62582.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 14-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889631		13	<.5	55	13	81	3	31	22	<1.0	<5	<5	<5	>10.00	14547	<25	38	54	28	<20	<20	9	0.68	2.32	1.95	0.17	0.29	21	8	<10	2	<5	<5	<5	0.05	13	2.696	1.1
889632		6	<.5	23	13	34	4	17	14	<1.0	<5	<5	<5	>10.00	12940	<25	22	117	50	<20	<20	14	1.04	1.07	5.13	0.06	0.16	65	8	<10	2	5	<5	<5	0.08	19	1.952	1.1
889633		7	<.5	54	<2	96	11	60	19	<1.0	<5	12	<5	>10.00	2371	<25	167	250	256	<20	<20	23	5.57	1.54	1.21	0.03	1.33	21	8	12	36	29	11	<5	0.31	53	3.895	2.4
889634		6	<.5	51	6	98	4	50	13	<1.0	<5	11	<5	>10.00	2993	<25	140	123	186	<20	<20	25	6.42	1.84	3.56	1.26	1.58	64	7	<10	27	23	10	<5	0.25	53	2.758	2.6
889635		<5	<.5	45	4	164	5	56	36	4.3	<5	1208	<5	>10.00	1383	<25	226	177	268	<20	<20	31	6.96	1.52	0.81	0.08	2.26	22	9	12	39	38	12	<5	0.33	76	3.886	3.2
889636		<5	<.5	50	<2	143	6	55	25	1.5	<5	359	<5	>10.00	3127	<25	218	145	235	<20	<20	33	6.15	1.25	2.72	0.08	2.06	52	9	<10	28	29	11	<5	0.27	60	3.973	3.0
889637		<5	<.5	46	<2	154	4	45	20	1.1	<5	113	<5	>10.00	2347	<25	231	160	199	<20	<20	27	6.71	1.35	1.38	0.09	2.35	38	7	12	30	25	11	<5	0.24	53	4.167	3.0
889638		<5	<.5	68	9	106	8	72	23	1.0	<5	226	<5	>10.00	1087	<25	398	200	243	<20	<20	30	7.18	1.21	1.48	0.11	2.42	36	8	16	24	29	14	<5	0.27	91	5.381	3.1
889639		<5	<.5	105	<2	145	20	98	56	1.0	<5	98	<5	>10.00	1200	<25	154	175	214	<20	<20	35	5.66	2.64	3.11	0.88	1.26	63	12	<10	30	48	12	<5	0.26	143	6.612	1.5
889640		<5	<.5	54	<2	135	3	90	32	<1.0	<5	93	<5	>10.00	2060	<25	107	216	275	<20	<20	8	6.05	3.24	4.82	0.56	1.60	97	<5	<10	30	26	31	<5	0.43	41	3.099	1.5
889641		<5	0.6	83	<2	175	4	102	46	<1.0	<5	30	<5	9.36	1615	<25	21	150	270	<20	<20	5	6.55	3.30	7.48	1.45	0.52	114	6	<10	51	24	33	<5	0.38	39	1.256	<1.0
889642		<5	<.5	107	9	142	12	100	41	8.7	<5	78	<5	9.19	1657	<25	19	164	276	<20	<20	<5	6.41	3.28	6.70	2.03	0.44	118	6	11	43	21	34	<5	0.38	42	1.652	<1.0
889643		<5	<.5	126	11	173	8	99	38	1.2	<5	28	<5	8.67	1154	<25	222	257	304	<20	<20	7	6.82	2.92	5.45	1.02	2.00	98	7	<10	17	29	34	9	0.51	53	3.039	1.3
889644		6	<.5	115	10	280	7	97	30	1.5	<5	10	<5	9.80	1858	<25	196	229	287	<20	<20	9	6.32	3.25	5.77	1.32	1.75	109	7	<10	17	25	31	<5	0.43	53	3.864	1.4
889645		5	<.5	359	39	1125	27	153	41	4.4	<5	45	<5	>10.00	606	<25	203	174	243	<20	<20	39	6.23	1.04	0.93	0.51	2.36	40	14	<10	18	35	10	<5	0.26	111	>10.00	1.8
889646		45	<.5	217	57	1633	21	134	72	7.3	<5	163	9	>10.00	626	<25	63	169	179	<20	<20	23	3.33	1.46	0.51	0.04	0.90	17	11	<10	22	17	8	<5	0.17	67	>10.00	1.1
889647		50	<.5	154	64	1215	22	149	42	4.5	<5	154	<5	>10.00	388	<25	127	161	214	<20	<20	31	5.29	1.20	0.40	0.08	1.96	22	14	<10	24	28	9	<5	0.23	103	>10.00	1.7
889648		62	0.9	253	97	1775	25	155	50	6.9	<5	195	<5	>10.00	632	<25	81	140	182	<20	<20	24	4.19	1.46	0.56	0.06	1.32	23	11	<10	26	20	9	<5	0.21	68	>10.00	1.3
889649		61	<.5	155	79	1023	24	147	40	4.2	<5	160	<5	>10.00	290	<25	88	148	221	<20	<20	32	5.40	1.13	0.29	0.08	2.04	22	12	<10	25	29	9	<5	0.24	100	>10.00	1.7
889650		31	<.5	171	51	970	24	155	33	3.7	<5	97	<5	>10.00	199	<25	226	153	246	<20	<20	42	6.82	1.02	0.20	0.16	2.32	26	13	10	26	43	11	<5	0.31	128	>10.00	1.9
889651		45	<.5	149	79	987	29	150	35	4.6	<5	126	8	>10.00	219	<25	153	151	277	<20	<20	37	6.37	0.83	0.19	0.13	2.36	24	13	<10	22	41	11	<5	0.30	111	>10.00	1.8
889652		74	<.5	182	81	758	21	158	29	3.4	<5	121	<5	>10.00	188	<25	102	120	255	<20	<20	44	6.22	0.89	0.26	0.14	2.32	27	17	<10	24	48	9	<5	0.32	140	>10.00	1.7
889653		44	<.5	135	103	730	26	161	36	3.6	<5	152	<5	>10.00	175	<25	101	115	251	<20	<20	41	6.33	0.69	0.37	0.33	2.35	28	15	<10	20	42	9	<5	0.30	120	>10.00	1.8
889654		54	<.5	125	88	760	27	160	34	3.3	<5	144	<5	>10.00	161	<25	88	138	257	<20	<20	45	6.63	0.74	0.24	0.42	2.60	27	17	<10	21	45	10	<5	0.31	133	>10.00	1.8
889655		48	<.5	149	85	698	27	161	35	3.5	<5	134	<5	>10.00	163	<25	96	135	284	<20	<20	45	6.44	0.78	0.32	0.16	2.58	29	17	<10	21	50	9	<5	0.33	127	>10.00	1.7
889656		40	0.9	122	73	840	26	159	36	3.8	<5	98	<5	>10.00	219	<25	128	140	252	<20	<20	49	7.02	0.83	0.43	0.26	2.74	34	17	15	21	47	10	<5	0.32	144	>10.00	1.9
889657		40	0.7	128	79	850	29	139	51	3.7	<5	102	<5	>10.00	210	<25	136	175	269	<20	<20	46	6.91	0.79	0.42	0.14	2.84	31	17	12	19	52	10	5	0.34	140	>10.00	2.1
889658		25	0.8	129	64	798	27	127	49	3.7	<5	90	<5	>10.00	187	<25	132	227	254	<20	<20	45	6.95	0.93	0.28	0.13	2.59	27	15	<10	21	48	10	<5	0.30	142	>10.00	2.1
889659		<5	<.5	221	29	842	23	135	17	3.2	<5	<5	<5	>10.00	130	<25	272	222	213	<20	<20	43	6.59	1.03	0.13	0.12	2.43	18	12	12	25	42	9	<5	0.27	126	7.758	2.1
889660		7	<.5	231	26	781	26	178	15	3.7	<5	<5	<5	>10.00	109	<25	310	266	253	<20	<20	45	6.85	0.79	0.14	0.22	2.24	23	13	<10	21	48	11	32	0.34	149	9.444	2.3

CHIMITEC
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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62582.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 14-AUO-00 PAGE 18(2/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889631		705	<20
889632		517	<20
889633		416	<20
889634		213	<20
889635		454	<20
889636		341	<20
889637		284	<20
889638		346	<20
889639		596	<20
889640		338	<20
889641		326	<20
889642		315	<20
889643		368	<20
889644		404	<20
889645		351	<20
889646		500	<20
889647		450	<20
889648		542	<20
889649		336	24
889650		351	<20
889651		318	38
889652		406	<20
889653		340	<20
889654		300	<20
889655		493	<20
889656		248	<20
889657		389	<20
889658		348	<20
889659		349	<20
889660		375	30

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Rapport Lab Geochimie
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CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62582.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 14-AUO-00 PAGE 2A(3/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889661		5	<.5	391	33	1353	31	201	12	13.5	<5	6	<5	>10.00	160	<25	167	212	260	<20	<20	36	6.27	1.01	0.20	0.12	2.52	21	12	<10	25	33	10	<5	0.24	111	>10.00	2.1
889662		<5	<.5	207	41	968	26	176	34	4.9	<5	15	<5	>10.00	474	<25	138	227	242	<20	<20	40	6.28	0.93	0.76	0.13	2.56	36	12	<10	17	37	10	<5	0.25	111	>10.00	2.0
889663		6	<.5	309	39	863	28	219	15	4.1	<5	<5	<5	>10.00	194	<25	109	218	267	<20	<20	53	7.06	0.86	0.31	0.16	2.86	32	13	<10	20	44	11	<5	0.30	125	>10.00	2.1
889664		9	<.5	227	52	1621	24	168	63	6.8	<5	25	<5	>10.00	562	<25	151	218	219	<20	<20	43	5.77	1.03	0.84	0.20	2.19	33	13	<10	18	34	10	<5	0.26	119	>10.00	1.7
889665		<5	4.8	120	2429	1526	4	92	24	5.4	<5	27	<5	>10.00	1816	<25	55	229	257	<20	<20	6	5.93	3.38	5.75	1.15	1.28	120	8	<10	22	20	29	<5	0.36	33	5.173	1.4
889666		13	0.9	206	70	1516	23	168	61	5.1	<5	79	<5	>10.00	663	<25	72	200	192	<20	<20	34	4.76	1.21	0.74	0.18	1.62	30	13	<10	22	29	9	<5	0.22	108	>10.00	1.4
889667		12	<.5	297	55	1376	23	181	58	4.7	<5	63	<5	>10.00	1947	<25	169	176	178	<20	<20	25	4.56	1.95	2.08	0.08	1.38	45	13	<10	23	24	7	<5	0.19	90	>10.00	1.4
889668		16	<.5	166	82	597	23	131	70	2.8	<5	105	<5	>10.00	414	<25	180	218	230	<20	<20	53	7.41	1.17	0.58	0.22	2.50	39	17	12	25	48	14	10	0.41	175	>10.00	2.2
889669		17	<.5	328	64	669	23	130	67	2.7	<5	66	<5	>10.00	460	<25	105	162	175	<20	<20	63	6.52	0.89	1.05	0.62	2.31	45	24	15	14	57	10	<5	0.31	276	>10.00	1.9
889670		<5	<.5	179	40	461	16	102	28	1.6	<5	17	<5	>10.00	529	<25	325	236	198	<20	<20	77	8.79	1.46	1.71	0.92	2.69	73	24	21	22	67	19	<5	0.56	327	6.465	2.4
889671		9	<.5	162	32	248	15	107	33	1.0	<5	29	<5	>10.00	199	<25	189	178	187	<20	<20	52	9.93	1.00	0.79	0.77	3.51	64	18	18	21	39	23	<5	0.68	197	7.621	2.3
889672		<5	<.5	107	15	72	2	96	42	<1.0	<5	<5	<5	9.50	1524	<25	26	229	279	<20	<20	<5	6.75	3.88	5.83	1.23	0.40	215	5	<10	56	23	33	<5	0.38	29	3.453	1.4
889673		<5	<.5	119	10	89	4	81	43	<1.0	<5	28	<5	9.52	1697	<25	<5	178	296	<20	<20	7	6.49	3.61	6.93	1.06	0.15	149	6	<10	69	25	35	11	0.40	24	1.295	<1.0
889674		<5	1.3	111	11	84	6	78	34	<1.0	<5	<5	<5	9.84	1600	<25	30	262	264	<20	<20	<5	6.28	3.43	6.83	1.11	0.41	145	<5	<10	49	19	32	<5	0.32	36	3.162	1.1
889675		17	<.5	297	38	920	22	193	24	3.6	<5	7	<5	>10.00	569	<25	183	186	209	<20	<20	37	5.69	1.30	1.66	0.30	1.85	53	13	<10	21	28	11	11	0.24	115	>10.00	1.6
889676		<5	<.5	112	14	104	3	86	40	<1.0	<5	36	<5	9.36	1371	<25	16	213	288	<20	<20	5	6.51	3.57	5.54	0.95	0.29	77	<5	10	74	24	34	<5	0.47	25	2.239	1.0
889677		<5	<.5	101	7	114	2	75	36	<1.0	<5	120	<5	>10.00	1448	<25	16	184	292	<20	<20	<5	6.40	4.11	5.17	0.84	0.29	111	<5	<10	76	24	35	<5	0.45	34	2.860	1.2
889678		24	<.5	265	57	1285	32	191	38	13.5	<5	66	<5	>10.00	376	<25	178	187	230	<20	<20	41	6.21	1.16	0.86	0.22	1.79	39	14	<10	24	38	10	<5	0.29	126	>10.00	1.9
889679		26	<.5	161	57	496	20	146	35	2.9	<5	68	<5	>10.00	260	<25	203	179	204	<20	<20	54	6.80	0.90	0.83	0.28	2.22	44	17	10	22	45	12	<5	0.46	177	>10.00	2.3
889680		21	<.5	119	36	579	21	112	42	2.7	<5	79	<5	>10.00	224	<25	178	176	205	<20	<20	76	7.16	1.08	0.73	0.31	2.47	52	24	14	27	70	12	<5	0.46	297	>10.00	2.4

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889661		374	<20
889662		370	<20
889663		392	<20
889664		450	<20
889665		314	<20
889666		497	<20
889667		1196	<20
889668		777	<20
889669		670	<20
889670		1036	<20
889671		1021	<20
889672		332	<20
889673		382	<20
889674		329	<20
889675		402	<20
889676		339	<20
889677		348	<20
889678		399	<20
889679		552	<20
889680		883	<20

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62583.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 14-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889681		26	<.5	117	30	282	15	104	25	2.6	<5	53	<5	>10.00	185	<25	208	200	199	<20	<20	67	6.46	0.97	0.57	0.37	2.53	48	17	19	27	54	16	<5	0.71	215	9.746	2.5
889682		11	<.5	114	28	266	17	95	25	2.1	<5	46	<5	>10.00	370	<25	230	196	170	<20	<20	84	6.44	1.06	1.26	0.39	2.68	70	22	18	22	61	13	<5	0.48	300	8.730	2.5
889683		12	<.5	148	24	296	15	99	11	1.9	<5	8	<5	>10.00	335	26	276	189	116	<20	<20	117	7.47	1.18	1.22	0.48	2.74	74	30	27	29	83	14	10	0.49	472	6.899	3.0
889684		7	<.5	134	22	256	14	92	17	1.5	<5	14	<5	>10.00	320	<25	267	220	112	<20	<20	99	6.69	1.00	1.29	0.43	2.66	71	26	23	21	71	12	<5	0.42	396	6.866	2.6
889685		18	<.5	166	41	502	21	130	75	2.5	<5	60	<5	>10.00	248	<25	97	242	180	<20	<20	70	6.16	1.06	1.04	0.42	2.32	60	19	14	25	50	13	6	0.37	280	>10.00	2.2
889686		<5	<.5	97	6	100	5	70	36	<1.0	<5	38	<5	8.90	1112	<25	40	270	302	<20	<20	8	6.32	3.82	4.24	1.10	0.37	125	6	16	72	25	35	<5	0.45	49	4.416	1.1
889687		<5	<.5	100	12	210	8	83	44	1.2	<5	19	<5	>10.00	1146	<25	47	223	294	<20	<20	10	6.38	3.85	3.69	1.00	0.37	119	6	12	81	26	34	<5	0.40	54	4.714	1.0
889688		<5	<.5	114	5	141	4	83	44	1.1	<5	290	<5	8.88	1392	<25	16	225	303	<20	<20	6	6.51	3.71	5.71	1.21	0.25	138	<5	12	80	24	37	<5	0.41	31	3.089	<1.0
889689		<5	0.9	112	5	110	5	82	36	1.0	<5	77	<5	8.64	1370	<25	37	227	300	<20	<20	6	6.20	3.58	5.44	1.16	0.54	165	<5	<10	58	21	35	<5	0.45	28	3.734	1.0
889690		23	<.5	121	27	719	22	124	40	3.5	<5	38	<5	>10.00	265	<25	234	261	191	<20	<20	47	7.72	1.04	0.68	0.42	3.06	51	16	18	24	42	17	<5	0.53	200	9.798	1.8
889691		12	<.5	108	27	387	17	91	23	2.3	<5	26	<5	9.43	152	43	274	252	190	<20	<20	49	8.94	1.04	0.31	0.48	3.09	47	14	24	29	42	20	<5	0.66	193	6.908	2.2
889692		<5	<.5	172	16	745	13	111	18	3.5	<5	14	<5	>10.00	400	<25	255	248	162	<20	<20	40	8.56	1.31	0.79	0.39	2.81	50	14	20	28	35	21	<5	0.61	179	7.518	2.0
889693		14	<.5	129	24	678	19	102	54	3.3	<5	80	<5	>10.00	205	29	170	251	198	<20	<20	45	8.06	1.01	0.39	0.38	2.82	45	17	18	27	43	17	<5	0.53	202	>10.00	2.0
889694		<5	<.5	118	18	414	12	95	9	2.2	<5	16	<5	9.12	203	<25	323	311	174	<20	<20	48	9.24	1.04	0.41	0.41	3.20	42	16	25	25	47	21	<5	0.67	240	5.956	2.4
889695		9	<.5	131	32	514	15	125	35	2.8	<5	33	<5	>10.00	432	<25	309	263	205	<20	<20	44	8.67	1.12	0.93	0.33	3.12	38	16	21	22	43	19	<5	0.61	184	8.351	2.4
889696		<5	<.5	196	39	534	18	137	12	2.7	<5	11	<5	>10.00	403	<25	339	345	174	<20	<20	48	7.95	1.06	0.89	0.30	3.06	40	17	23	18	49	17	5	0.51	239	7.675	2.3
889697		<5	<.5	172	18	775	18	122	9	3.8	<5	19	<5	>10.00	271	<25	320	312	176	<20	<20	49	9.08	0.96	0.61	0.35	3.07	42	15	22	22	38	21	<5	0.69	193	6.821	2.6
889698		7	<.5	119	22	709	17	103	22	3.6	<5	22	<5	>10.00	198	<25	329	283	203	<20	<20	53	9.07	1.07	0.46	0.39	2.97	40	15	26	26	46	20	15	0.64	208	6.610	2.6
889699		17	<.5	112	27	592	19	103	38	2.9	<5	74	<5	>10.00	204	26	177	287	206	<20	<20	44	7.14	0.97	0.47	0.29	2.75	32	14	17	23	45	16	<5	0.52	165	>10.00	2.1
889700		24	<.5	119	38	922	31	103	62	4.6	<5	110	<5	>10.00	217	<25	100	284	242	<20	<20	33	4.94	1.45	0.41	0.18	1.74	26	13	12	33	31	12	<5	0.28	96	>10.00	1.4
889701		<5	0.5	87	5	122	3	111	30	<1.0	<5	74	<5	9.04	1127	<25	223	256	329	<20	<20	7	6.42	3.37	4.40	0.39	1.84	79	5	12	48	28	37	<5	0.62	42	3.760	1.6
889702		<5	<.5	78	4	120	4	80	41	1.1	<5	206	<5	8.40	1188	<25	50	246	316	<20	<20	<5	6.37	3.92	6.05	0.92	0.46	147	5	10	85	31	38	<5	0.61	30	2.239	1.1
889703		<5	0.7	95	<2	85	5	80	20	<1.0	<5	97	<5	9.26	1416	<25	178	272	358	<20	<20	6	7.21	4.27	6.38	0.78	1.63	159	7	14	51	30	41	<5	0.67	49	4.048	2.0
889704		15	0.5	220	19	833	21	137	60	3.5	<5	54	<5	>10.00	290	<25	182	278	281	<20	<20	27	5.70	1.75	0.72	0.15	2.08	21	11	13	36	32	17	<5	0.34	90	>10.00	1.5
889705		54	0.9	168	61	769	29	147	44	3.1	<5	131	<5	>10.00	102	<25	76	194	280	<20	<20	48	5.97	0.90	0.25	0.24	2.39	25	16	13	24	48	11	13	0.30	141	>10.00	1.7
889706		37	1.0	188	39	1932	24	165	33	7.0	<5	99	9	>10.00	163	<25	88	261	222	<20	<20	41	5.06	0.98	0.41	0.20	1.97	28	14	<10	23	38	9	6	0.24	125	>10.00	1.5
889707		44	<.5	187	46	796	24	159	35	3.4	<5	100	<5	>10.00	135	<25	73	243	227	<20	<20	48	5.80	1.10	0.24	0.22	2.27	22	16	19	29	42	10	<5	0.28	140	>10.00	1.7
889708		50	1.1	185	57	898	27	157	37	3.7	<5	127	<5	>10.00	163	<25	73	229	262	<20	<20	44	5.85	1.07	0.32	0.21	2.29	24	15	12	26	46	11	6	0.29	134	>10.00	1.6
889709		26	<.5	228	35	685	24	179	29	3.1	<5	78	<5	>10.00	182	<25	112	223	223	<20	<20	49	5.94	0.97	0.39	0.24	2.32	21	13	11	26	44	10	17	0.27	141	>10.00	1.6
889710		25	<.5	227	29	1093	19	187	31	4.9	<5	72	<5	>10.00	203	<25	121	280	195	<20	<20	39	5.06	1.01	0.45	0.21	1.78	17	11	13	28	36	8	<5	0.23	116	>10.00	1.4

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889681		832	<20
889682		720	<20
889683		1126	<20
889684		920	<20
889685		751	31
889686		364	<20
889687		424	<20
889688		329	<20
889689		353	<20
889690		457	42
889691		435	35
889692		505	<20
889693		420	35
889694		458	31
889695		590	<20
889696		371	26
889697		536	33
889698		485	<20
889699		438	56
889700		394	47
889701		342	<20
889702		427	<20
889703		499	<20
889704		344	45
889705		377	68
889706		380	36
889707		361	52
889708		388	64
889709		355	41
889710		348	67

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889711		27	<.5	135	35	821	22	146	35	3.7	<5	96	<5	>10.00	145	<25	124	265	245	<20	<20	43	7.27	0.98	0.41	0.33	2.63	34	12	17	32	36	15	<5	0.44	125	>10.00	2.1
889712		14	<.5	138	15	351	13	106	14	1.7	<5	22	<5	>10.00	533	26	238	219	171	<20	<20	43	8.44	1.80	2.84	0.51	2.76	64	12	19	28	33	16	<5	0.43	127	6.270	1.7
889713		54	0.9	105	53	1418	27	150	27	6.3	<5	126	<5	>10.00	233	<25	95	220	286	<20	<20	39	6.92	0.92	1.28	0.51	2.56	58	11	14	29	34	12	<5	0.33	78	>10.00	1.6
889714		30	<.5	88	37	847	17	126	32	3.9	<5	100	<5	>10.00	70	<25	157	220	228	<20	<20	51	9.60	0.68	0.30	0.68	2.89	82	18	24	42	49	16	13	0.54	215	>10.00	2.3
889715		10	<.5	78	25	516	11	106	30	2.4	<5	95	<5	>10.00	65	<25	212	253	186	<20	<20	46	9.27	0.65	0.28	0.68	2.89	81	19	23	44	47	15	<5	0.51	225	8.387	2.1
889716		11	<.5	89	15	419	23	100	18	2.2	<5	35	<5	9.31	75	<25	250	210	191	<20	<20	47	>10.00	0.94	0.29	0.80	2.77	102	13	24	59	28	20	<5	0.64	154	5.912	2.0
889717		18	<.5	80	18	478	12	114	23	3.0	<5	33	<5	9.31	67	<25	203	204	187	<20	<20	44	8.21	0.82	0.29	1.04	2.18	120	12	24	59	35	18	<5	0.62	177	6.656	2.0
889718		<5	<.5	99	20	198	11	98	26	1.6	<5	30	<5	9.06	97	26	185	195	178	<20	<20	44	8.80	1.20	0.27	1.03	2.35	132	11	21	70	31	22	<5	0.71	167	5.307	1.8
889719		<5	<.5	97	18	707	13	129	13	3.2	<5	18	<5	9.94	143	<25	236	228	210	<20	<20	44	9.55	1.11	0.41	0.76	2.54	79	12	24	59	42	26	23	0.85	183	5.509	2.0
889720		8	<.5	139	24	962	8	159	27	3.5	<5	38	<5	>10.00	178	<25	214	230	182	<20	<20	33	8.62	1.08	0.49	0.56	2.39	65	12	22	49	35	25	<5	0.77	158	8.247	1.8
889721		15	<.5	73	30	624	18	106	80	3.6	<5	587	<5	>10.00	177	28	197	234	164	<20	<20	44	8.79	1.32	0.48	0.58	2.35	65	15	23	61	28	20	7	0.59	209	8.810	1.8
889722		13	0.6	139	16	573	11	135	17	1.9	<5	33	<5	>10.00	925	<25	162	177	149	<20	<20	45	7.58	2.80	3.65	0.42	2.19	55	21	18	64	36	18	<5	0.62	287	6.829	1.7
889723		8	<.5	160	30	832	11	162	15	3.1	<5	117	<5	>10.00	210	<25	207	197	199	<20	<20	43	8.66	1.23	0.68	0.55	2.42	64	14	28	53	36	25	<5	0.74	204	6.501	1.9
889724		7	<.5	127	16	416	9	122	13	1.9	<5	54	<5	>10.00	666	<25	181	192	162	<20	<20	51	8.09	2.25	2.28	0.48	2.49	61	20	19	65	35	22	<5	0.74	328	5.691	1.9
889725		6	<.5	114	19	515	15	103	14	2.8	<5	28	<5	8.27	80	<25	207	221	174	<20	<20	44	8.53	0.70	0.33	0.76	2.53	90	12	23	53	35	22	<5	0.66	207	5.203	2.1
889726		<5	<.5	95	18	515	14	99	18	2.3	<5	19	<5	7.82	66	<25	209	211	214	<20	<20	37	8.88	0.67	0.36	0.76	2.73	93	11	27	50	38	27	<5	0.81	185	4.747	2.1
889727		9	<.5	120	17	384	8	125	7	2.3	<5	13	<5	9.60	125	<25	167	206	154	<20	<20	38	7.78	0.95	0.55	0.75	2.23	104	10	26	66	29	16	<5	0.57	178	5.237	2.1
889728		<5	<.5	149	<2	121	3	52	47	<1.0	<5	9	<5	>10.00	1639	<25	63	131	399	<20	<20	7	6.82	3.64	5.15	1.35	0.43	63	27	18	29	36	39	<5	1.02	23	0.109	1.3
889729		21	1.0	185	<2	115	4	180	58	<1.0	<5	30	<5	>10.00	1609	<25	26	148	346	<20	<20	6	6.43	5.15	4.99	0.72	0.16	61	18	12	27	32	36	<5	0.74	26	0.266	<1.0
889730		6	<.5	137	<2	105	3	299	78	<1.0	<5	70	<5	9.84	1760	<25	<5	183	254	<20	<20	6	6.26	7.34	4.72	0.14	<.01	30	7	<10	22	22	31	11	0.40	22	0.140	<1.0

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889711		319	27
889712		220	<20
889713		416	<20
889714		266	20
889715		249	<20
889716		248	<20
889717		214	31
889718		252	29
889719		555	38
889720		540	43
889721		503	<20
889722		459	<20
889723		541	33
889724		486	<20
889725		264	<20
889726		343	25
889727		316	27
889728		596	<20
889729		455	<20
889730		258	<20

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
889731		<5	0.6	136	<2	102		5	155	51	1.2	<5	<5	14	>10.00	1377	<25	<5	165	259	<20	<20	<5	6.83	4.49	6.06	1.20	0.01	114	15	<10	26	26	30	<5	0.61	15
889732		<5	1.1	149	3	94		4	123	46	<1.0	<5	11	<5	9.24	1317	<25	<5	157	247	<20	<20	<5	6.53	3.99	6.28	1.22	<.01	99	14	<10	25	24	28	9	0.57	13
889733		5	0.9	129	<2	129		3	117	53	<1.0	<5	14	<5	>10.00	1406	<25	<5	167	288	<20	<20	<5	7.20	4.21	6.19	1.21	<.01	74	17	<10	32	32	32	<5	0.67	17
889734		<5	1.5	115	4	164		3	108	50	1.1	<5	35	<5	>10.00	1343	<25	<5	167	291	<20	<20	<5	7.05	3.78	6.21	1.28	<.01	68	16	<10	29	29	33	<5	0.67	20
889735		<5	1.1	149	<2	117		7	96	29	<1.0	<5	10	<5	>10.00	1821	<25	459	160	270	<20	<20	6	7.33	2.33	7.65	2.87	0.91	94	9	11	11	26	32	7	0.33	55
889736		16	1.0	299	14	476		20	234	61	<1.0	<5	59	<5	>10.00	681	<25	164	218	152	<20	<20	15	5.23	3.45	2.06	0.94	0.82	30	7	<10	23	16	12	<5	0.14	79
889737		26	<.5	193	43	1426		21	132	50	5.3	<5	77	<5	>10.00	390	<25	274	210	199	<20	<20	25	5.70	1.21	1.03	0.45	1.95	32	9	<10	11	26	11	<5	0.15	114
889738		9	<.5	182	10	946		13	123	13	2.8	<5	<5	<5	>10.00	849	<25	334	312	152	<20	<20	22	4.96	1.72	2.98	0.57	1.72	47	7	<10	6	17	12	<5	0.15	91
889739		<5	0.7	92	6	183		5	95	40	<1.0	<5	44	<5	9.12	1481	<25	143	200	269	<20	<20	<5	7.10	3.15	5.67	2.05	0.71	77	<5	10	24	29	32	<5	0.32	51
889740		5	0.8	132	8	123		3	100	50	<1.0	<5	66	<5	9.26	1451	<25	27	198	266	<20	<20	<5	7.11	3.22	6.73	1.59	0.12	78	6	<10	41	27	32	<5	0.29	44
889741		6	0.6	136	<2	121		5	107	46	<1.0	<5	32	<5	>10.00	1430	<25	11	185	284	<20	<20	<5	7.15	3.32	5.97	1.29	0.04	66	9	<10	45	29	33	<5	0.48	29
889742		<5	1.1	129	8	104		4	97	47	<1.0	<5	35	<5	9.26	1582	<25	68	162	276	<20	<20	<5	6.99	3.09	8.68	0.77	0.37	120	7	<10	46	26	32	<5	0.39	34
889743		5	1.0	140	<2	103		3	97	46	<1.0	<5	41	<5	8.57	1498	<25	28	154	256	<20	<20	<5	6.62	2.84	8.86	1.04	0.17	113	10	<10	44	19	31	<5	0.29	36
889744		<5	0.6	121	<2	141		3	109	50	<1.0	<5	35	<5	>10.00	1405	<25	38	189	301	<20	<20	<5	7.69	3.28	6.80	1.58	0.13	66	11	<10	47	30	36	<5	0.36	43
889745		5	1.3	133	<2	122		4	107	54	<1.0	<5	44	<5	9.98	1477	<25	155	168	275	<20	<20	<5	7.24	3.16	7.76	1.07	0.43	75	12	<10	43	27	33	<5	0.29	34
889746		31	1.2	266	4	223		6	113	68	<1.0	<5	33	<5	>10.00	1698	<25	192	154	246	<20	<20	5	6.17	2.79	5.83	1.77	0.78	64	6	<10	21	23	28	<5	0.25	55
889747		<5	0.8	169	<2	182		4	93	54	<1.0	<5	13	7	>10.00	2131	<25	96	181	246	<20	<20	<5	6.53	2.96	6.86	1.31	0.54	72	6	<10	35	25	30	15	0.23	45
889748		5	0.7	104	2	143		1	97	57	<1.0	<5	58	6	9.31	1413	<25	50	160	257	<20	<20	<5	6.39	3.31	6.74	0.46	0.35	73	5	<10	57	22	30	<5	0.24	32
889749		5	0.8	143	11	147		2	94	46	<1.0	<5	52	<5	9.71	1621	<25	78	189	259	<20	<20	<5	6.53	3.48	6.16	1.12	0.51	52	<5	<10	44	26	30	8	0.26	42
889750		108	2.1	321	117	10001	1.01	7	98	63	42.8	<5	1736	<5	>10.00	1343	<25	169	191	180	<20	<20	6	4.57	2.98	5.49	0.62	1.01	49	<5	<10	19	14	20	<5	0.12	43
889751		63	2.8	601	148	2563		24	233	67	9.1	<5	247	6	>10.00	655	<25	116	128	128	<20	<20	17	3.32	2.21	2.18	0.15	0.66	11	6	<10	22	10	8	<5	0.08	74
889752		<5	0.5	190	3	606		3	80	31	1.3	<5	57	<5	>10.00	1377	<25	105	231	256	<20	<20	<5	6.45	3.71	4.48	1.28	0.71	52	<5	<10	41	25	31	<5	0.21	47
889753		47	2.1	513	48	613		19	128	71	1.6	<5	33	<5	>10.00	1332	<25	178	200	152	<20	<20	16	4.20	2.64	3.84	0.22	0.98	34	6	<10	17	16	12	7	0.11	78
889754		<5	<.5	120	10	232		4	85	41	<1.0	<5	35	<5	>10.00	1502	<25	23	192	244	<20	<20	<5	6.20	3.73	5.40	1.05	0.19	50	<5	<10	54	24	29	<5	0.18	39
889755		5	0.6	193	27	350		4	100	44	<1.0	<5	63	<5	>10.00	1397	<25	69	193	258	<20	<20	<5	6.50	3.82	4.44	0.99	0.36	39	<5	<10	58	22	31	10	0.20	49
889756		<5	0.9	154	19	252		4	83	41	<1.0	<5	73	<5	>10.00	1547	<25	84	197	251	<20	<20	<5	6.49	3.96	5.73	1.16	0.48	48	<5	<10	54	25	30	<5	0.17	49
889757		25	1.6	204	47	238		2	80	32	<1.0	<5	29	<5	9.33	1295	25	143	193	247	<20	<20	<5	6.43	2.99	6.35	1.55	0.84	79	<5	<10	34	22	29	<5	0.26	53
889758		44	3.0	1058	97	979		27	181	74	2.3	<5	25	<5	>10.00	206	<25	212	152	185	26	<20	40	5.65	0.77	0.61	0.23	2.06	19	10	<10	13	36	7	<5	0.20	161
889759		5	1.1	323	20	434		5	179	18	1.4	<5	7	<5	>10.00	1985	<25	161	191	195	<20	<20	<5	4.85	4.10	7.09	0.20	1.42	48	9	<10	22	18	24	21	0.26	42
889760		31	1.0	357	56	450		32	207	72	1.6	<5	40	<5	>10.00	206	<25	267	153	261	<20	<20	54	7.86	1.23	0.58	0.26	1.89	42	17	<10	24	60	10	<5	0.33	244

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	S PCT	Be PPM	P PPM	U PPM
889731		0.167	<1.0	301	<20
889732		0.147	<1.0	244	<20
889733		0.226	<1.0	343	<20
889734		0.107	<1.0	342	<20
889735		3.863	1.2	354	<20
889736		>10.00	<1.0	291	<20
889737		>10.00	1.4	256	<20
889738		5.693	1.2	255	<20
889739		1.294	<1.0	385	<20
889740		0.254	<1.0	365	<20
889741		0.217	<1.0	366	<20
889742		0.579	<1.0	359	<20
889743		0.157	<1.0	323	<20
889744		0.495	<1.0	394	<20
889745		0.843	<1.0	335	<20
889746		4.428	<1.0	328	<20
889747		2.597	<1.0	337	<20
889748		0.593	<1.0	341	<20
889749		1.416	<1.0	310	<20
889750		5.877	1.1	252	<20
889751		>10.00	<1.0	501	37
889752		2.698	<1.0	365	<20
889753		9.087	1.0	506	<20
889754		1.060	<1.0	313	<20
889755		2.822	<1.0	368	<20
889756		2.296	<1.0	306	<20
889757		2.594	<1.0	309	<20
889758		>10.00	1.4	274	23
889759		6.592	1.2	322	<20
889760		>10.00	1.7	404	33

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62584.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 23-AUO-00 PAGE 2A(3/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
889761		<5	0.8	110	<2	178		3	93	31	<1.0	<5	13	<5	9.76	1166	<25	197	248	260	<20	<20	<5	6.36	3.48	4.04	0.31	1.41	58	<5	<10	55	26	29	<5	0.40	57
889762		<5	1.3	142	4	204		5	108	37	<1.0	<5	33	<5	>10.00	1511	<25	108	221	253	<20	<20	<5	6.27	3.15	6.70	0.67	1.25	105	<5	<10	40	26	29	7	0.33	49
889763		43	1.1	259	38	764		26	205	71	3.0	<5	63	<5	>10.00	176	<25	165	162	222	<20	<20	37	6.60	0.84	0.51	0.26	2.28	30	12	<10	17	42	10	<5	0.31	156
889764		31	1.0	266	25	780		15	178	59	2.5	<5	57	<5	>10.00	116	<25	232	219	183	<20	<20	28	8.34	0.84	0.34	0.32	2.82	27	10	<10	19	39	17	<5	0.73	140
889765		26	0.9	219	13	946		12	156	24	3.5	<5	18	<5	>10.00	80	<25	284	205	178	<20	<20	35	>10.00	0.92	0.24	0.34	2.80	33	13	19	23	46	21	<5	0.82	188
889766		15	0.9	129	11	619		17	134	20	2.0	<5	45	<5	>10.00	88	<25	364	241	194	<20	<20	38	>10.00	0.91	0.19	0.36	3.39	44	13	20	26	45	27	<5	0.80	220
889767		14	<.5	132	27	785		9	131	21	3.2	<5	35	<5	>10.00	74	<25	300	215	159	<20	<20	29	>10.00	0.84	0.22	0.47	2.80	41	11	16	24	38	23	<5	0.74	166
889768		52	1.4	130	73	715		30	143	31	3.4	<5	130	13	>10.00	103	<25	98	179	196	<20	<20	37	6.07	0.81	0.26	0.18	2.08	23	13	<10	22	43	8	<5	0.28	155
889769		10	<.5	157	13	1401		10	159	41	3.3	<5	36	<5	>10.00	236	<25	287	259	157	<20	<20	28	9.80	0.99	0.69	0.43	2.43	57	10	11	25	37	21	<5	0.74	151
889770		8	0.9	162	16	510		12	159	27	1.4	<5	23	5	>10.00	265	<25	263	261	134	<20	<20	44	9.55	0.97	0.71	0.67	2.19	110	14	13	28	56	16	<5	0.54	310
889771		10	0.5	133	23	778		10	168	19	1.6	<5	20	<5	>10.00	130	28	300	181	173	<20	<20	31	>10.00	0.93	0.39	0.56	2.74	63	11	15	29	46	20	<5	0.87	164
889772		5	<.5	183	30	657		13	185	29	2.5	<5	19	<5	>10.00	133	<25	208	223	144	<20	<20	42	9.13	0.88	0.42	0.72	2.28	98	12	15	36	36	17	<5	0.58	213
889773		7	0.7	110	14	620		12	107	18	2.2	<5	12	<5	9.28	244	<25	233	224	134	<20	<20	55	>10.00	0.95	0.72	0.83	2.10	103	21	23	31	82	17	14	0.54	487
889774		5	0.8	96	19	711		14	102	34	2.3	<5	26	<5	>10.00	216	<25	266	256	156	<20	<20	44	>10.00	1.00	0.51	0.62	2.30	102	13	21	35	40	19	<5	0.65	230
889775		5	1.4	345	18	295		24	131	65	1.3	<5	21	<5	>10.00	464	<25	327	228	141	<20	<20	25	5.94	1.46	2.07	1.57	1.55	43	8	<10	8	15	13	<5	0.15	90
889776		<5	0.8	166	5	160		4	109	51	<1.0	<5	38	<5	>10.00	1538	<25	143	177	262	<20	<20	<5	6.84	3.13	7.16	1.36	0.65	63	7	<10	31	27	31	<5	0.22	36
889777		20	0.7	302	35	1133		21	152	47	4.0	<5	72	<5	>10.00	339	<25	177	167	167	<20	<20	23	5.23	1.26	0.90	1.06	1.45	23	7	<10	11	18	9	7	0.12	92
889778		15	1.1	194	26	1508		19	120	51	4.5	<5	106	<5	>10.00	478	<25	142	238	159	<20	<20	22	4.62	1.30	1.73	0.43	1.84	36	7	<10	8	18	8	<5	0.12	97
889779		<5	0.5	128	<2	155		2	113	57	<1.0	<5	57	<5	7.60	723	<25	519	235	336	<20	<20	<5	8.60	3.03	4.51	1.28	1.93	65	5	12	18	36	39	<5	0.37	73
889780		<5	1.1	199	<2	263		7	105	52	<1.0	<5	30	<5	>10.00	1331	<25	76	222	287	<20	<20	<5	7.03	3.17	6.07	1.47	0.13	48	16	<10	19	29	31	<5	0.67	41

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	S PCT	Be PPM	P PPM	U PPM
889761		2.660	1.2	343	<20
889762		3.115	1.1	336	<20
889763		>10.00	1.4	342	<20
889764		>10.00	1.6	607	27
889765		6.764	1.8	622	<20
889766		5.913	2.3	375	<20
889767		5.531	2.0	585	<20
889768		>10.00	1.4	233	<20
889769		6.965	1.8	492	<20
889770		6.305	2.3	293	<20
889771		5.737	1.7	502	21
889772		8.139	2.1	410	<20
889773		4.454	2.5	303	<20
889774		5.548	2.1	368	<20
889775		9.599	1.3	342	<20
889776		1.164	<1.0	337	<20
889777		>10.00	1.1	334	32
889778		>10.00	1.2	223	20
889779		1.610	1.0	452	<20
889780		3.187	<1.0	386	<20

CHIMITEC
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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62585.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 23-AUO-00 PAGE 1A(1/ 6)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuDup1 PPB	Ag PPM	Cu PPM	Pb PPM	Pb PCT	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM
889781		<5		0.9	146	<2		196		11	98	47	9.4	<5	16	<5	>10.00	1810	<25	<5	175	338	<20	<20	6	7.28	3.23	6.60	0.94	<.01	102	20	16	21	31	39	7
889782		6		0.8	174	3		188		4	144	47	1.5	<5	<5	<5	>10.00	1697	<25	157	169	308	<20	<20	6	6.89	2.65	7.01	1.68	0.35	72	18	14	17	28	35	6
889783		<5		<0.5	162	<2		160		5	101	50	<1.0	<5	16	<5	>10.00	1671	<25	<5	178	323	<20	<20	6	7.13	3.59	6.93	0.45	<.01	86	19	<10	29	30	37	<5
889784		8		<0.5	155	<2		235		4	94	50	1.1	<5	21	<5	>10.00	1832	<25	66	162	315	<20	<20	<5	6.88	3.58	6.82	0.64	0.23	49	19	14	34	28	36	<5
889785		51		1.9	533	237		1603		22	122	88	6.9	<5	786	<5	>10.00	803	<25	166	135	200	<20	<20	23	4.88	3.10	1.60	0.04	0.64	5	17	<10	32	22	15	23
889786		<5		<0.5	146	4		687		5	91	50	<1.0	<5	36	<5	>10.00	1488	25	57	187	339	<20	<20	5	7.61	4.44	3.76	0.49	0.20	29	20	13	49	30	40	<5
889787		<5		3.6	170	1297		396		3	100	52	<1.0	<5	15	<5	>10.00	1375	<25	<5	196	327	<20	<20	<5	7.11	4.15	4.30	0.61	<.01	46	20	11	41	27	38	<5
889788		<5		<0.5	128	7		126		4	91	49	<1.0	<5	10	<5	>10.00	1484	<25	<5	175	335	<20	<20	5	7.43	4.06	6.75	0.50	<.01	122	20	15	20	30	39	<5
889789		5		1.7	188	115		789		5	101	63	2.2	<5	44	<5	>10.00	1855	<25	85	201	303	<20	<20	5	6.96	3.31	6.51	1.31	0.22	59	17	<10	39	26	35	<5
889790		179		1.7	188	279		822		5	99	52	2.9	<5	169	<5	9.31	1691	<25	220	173	292	<20	<20	5	7.12	2.83	7.83	1.64	0.83	82	8	13	36	24	35	<5
889791		81		18.7	505	3128		4191		6	83	30	9.1	<5	539	11	>10.00	1046	<25	841	234	324	<20	<20	6	7.45	2.89	5.07	0.33	2.35	71	9	16	12	29	36	12
889792		904		15.0	200	2981		9709	0.84	15	95	29	24.6	<5	1300	21	>10.00	51	38	140	168	112	22	22	12	1.99	0.39	0.14	0.04	0.71	6	<5	<10	9	9	<5	<5
889793		1023	1000	141.2	402	>10000	3.12	>20000	9.74	4	79	99	262.5	<5	8655	254	>10.00	178	77	76	162	64	43	259	<5	1.21	0.43	0.47	0.03	0.47	7	<5	<10	6	<5	6	<5
889794		178		7.2	512	917		2445		2	83	41	5.3	<5	86	<5	>10.00	772	<25	421	249	318	24	<20	7	7.51	2.70	3.17	0.68	2.41	41	7	13	27	25	36	<5
889795		101		7.1	116	1883		3588		4	59	30	6.7	<5	201	7	8.86	1908	<25	531	203	207	<20	<20	5	4.93	3.62	8.49	0.10	2.02	81	<5	<10	9	17	24	<5
889796		24		4.1	297	574		5654	0.49	5	73	38	14.9	<5	465	<5	>10.00	2802	<25	513	213	268	<20	<20	<5	6.60	4.57	7.38	0.32	2.00	77	<5	<10	30	22	31	5
889797		<5		2.3	201	326		3076		3	70	33	8.5	<5	310	<5	>10.00	2414	<25	359	233	303	<20	<20	6	7.04	4.03	5.95	0.20	2.04	73	5	13	38	25	35	<5
889798		14		1.2	231	46		1544		2	134	58	5.0	<5	353	<5	>10.00	1631	<25	348	223	304	<20	<20	6	7.13	2.80	5.17	0.30	2.07	70	6	12	21	23	35	<5
889799		20		1.0	376	32		713		29	209	36	2.8	<5	10	<5	>10.00	231	<25	218	171	249	<20	<20	47	7.22	0.95	0.84	0.34	2.31	37	13	16	23	37	13	12
889956		<5		1.0	138	21		178		5	98	45	5.7	<5	244	<5	9.75	1211	<25	222	243	340	<20	<20	5	7.80	3.80	4.46	0.61	1.32	77	<5	17	73	33	39	<5
889957		<5		0.9	144	13		135		4	95	28	1.0	<5	<5	<5	>10.00	1839	<25	304	250	329	<20	<20	5	7.81	3.77	5.37	0.28	2.10	64	6	13	44	30	39	<5

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62585.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 23-AUO-00 PAGE 1B(2/ 6)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Ti PCT	Zr PPM	S PCT	Be PPM	P PPM	U PPM
889781		0.74	31	1.393	<1.0	354	<20
889782		0.69	39	4.380	<1.0	335	<20
889783		0.71	34	1.283	<1.0	378	<20
889784		0.67	37	1.475	<1.0	344	<20
889785		0.21	93	>10.00	<1.0	651	46
889786		0.51	39	1.470	<1.0	400	<20
889787		0.70	33	1.851	<1.0	350	<20
889788		0.73	24	0.374	<1.0	359	<20
889789		0.60	32	3.257	<1.0	328	<20
889790		0.31	58	2.456	<1.0	343	<20
889791		0.67	63	5.630	<1.0	380	<20
889792		0.08	38	>10.00	<1.0	134	40
889793		0.07	13	>10.00	<1.0	121	57
889794		0.52	63	8.108	<1.0	413	<20
889795		0.35	41	6.172	<1.0	196	<20
889796		0.45	54	5.407	<1.0	294	<20
889797		0.43	58	4.011	<1.0	339	<20
889798		0.41	57	6.866	<1.0	341	<20
889799		0.37	150	>10.00	1.1	333	25
889956		0.65	66	3.174	1.2	435	<20
889957		0.46	66	3.722	1.5	404	<20

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62701.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 16-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889800		<5	<.5	117	9	132	7	107	45	5.1	<5	13	<5	9.10	1550	<25	5	208	354	<20	<20	5	6.06	2.58	4.91	2.10	0.06	88	18	13	19	34	32	<5	0.74	21	1.974	<1.0
889801		53	0.6	178	210	527	3	99	43	1.8	<5	7	<5	9.65	1329	<25	35	189	308	<20	<20	5	6.12	2.75	6.74	1.14	0.12	108	17	<10	18	26	32	<5	0.64	26	2.070	<1.0
889802		6	0.9	220	331	386	5	111	49	<1.0	<5	7	<5	>10.00	1238	<25	112	179	305	<20	<20	5	6.00	2.78	5.63	1.16	0.34	89	16	<10	22	26	31	<5	0.64	21	3.059	<1.0
889803		11	0.8	138	208	484	6	99	41	1.5	<5	15	<5	>10.00	1340	<25	87	193	294	<20	<20	6	6.23	2.92	5.62	1.19	0.32	58	17	<10	28	29	31	<5	0.60	28	3.301	<1.0
889804		18	<.5	138	19	660	6	83	36	3.3	<5	14	<5	>10.00	1303	<25	27	187	317	<20	<20	6	6.32	3.27	4.45	1.41	0.14	52	18	<10	34	29	33	<5	0.64	24	2.719	<1.0
889805		<5	<.5	159	64	226	3	100	46	<1.0	<5	9	<5	>10.00	1369	<25	12	189	332	<20	<20	<5	6.41	3.69	5.04	0.96	0.13	55	17	<10	46	30	32	<5	0.69	20	1.587	<1.0
889806		<5	<.5	148	10	265	3	107	59	<1.0	<5	34	<5	>10.00	1546	<25	87	169	313	<20	<20	<5	7.08	3.91	5.38	0.48	0.47	46	11	<10	57	26	36	<5	0.35	53	1.474	<1.0
889807		106	1.5	830	101	337	19	127	64	<1.0	<5	10	<5	>10.00	1075	<25	6	121	158	<20	<20	14	3.63	2.69	1.53	0.03	0.09	9	6	<10	32	13	13	<5	0.12	60	8.397	<1.0
889808		13	<.5	259	8	358	3	83	47	1.3	<5	18	<5	>10.00	1750	<25	113	166	290	<20	<20	<5	5.79	3.95	3.20	0.54	0.62	31	6	<10	55	24	30	<5	0.26	53	2.781	<1.0
889809		139	1.3	1764	112	258	18	165	172	1.1	<5	<5	12	>10.00	836	<25	165	134	182	<20	<20	17	4.41	2.31	1.34	0.13	0.75	11	7	<10	31	14	16	<5	0.19	73	>10.00	<1.0
889810		<5	<.5	135	19	138	5	96	48	<1.0	<5	31	<5	9.56	1452	<25	62	167	280	<20	<20	<5	5.89	3.44	4.96	0.69	0.53	62	<5	<10	51	24	30	<5	0.37	43	1.072	<1.0
889811		<5	<.5	246	42	516	5	91	55	1.6	<5	10	<5	>10.00	1230	<25	66	200	297	<20	<20	6	5.72	3.77	3.55	0.64	0.40	43	<5	<10	66	25	32	<5	0.29	53	2.468	<1.0
889812		18	0.8	419	64	1462	10	117	39	4.5	<5	31	<5	>10.00	1404	<25	96	190	243	<20	<20	9	5.49	2.69	6.36	0.70	0.60	64	5	<10	44	22	25	<5	0.19	56	4.025	<1.0
889813		7	1.0	194	23	70	9	80	35	<1.0	<5	10	<5	9.00	2040	<25	103	199	248	<20	<20	6	5.76	3.43	6.89	0.53	1.19	108	7	<10	22	19	26	<5	0.28	54	3.672	<1.0
889814		81	1.0	461	88	746	27	191	56	3.6	<5	58	<5	>10.00	211	<25	198	154	234	<20	<20	38	4.74	0.79	0.65	0.18	2.13	20	10	<10	13	38	7	<5	0.23	152	>10.00	1.2
889815		137	0.8	191	88	876	19	172	33	4.0	<5	119	<5	>10.00	166	<25	207	156	202	<20	<20	32	4.89	0.73	0.57	0.20	2.40	23	10	<10	15	35	9	<5	0.35	148	>10.00	1.4
889816		94	0.8	193	75	596	20	181	29	2.6	<5	99	<5	>10.00	186	29	240	159	219	<20	<20	44	5.43	0.85	0.59	0.21	2.26	28	11	11	18	39	11	<5	0.47	149	>10.00	1.7
889817		140	0.8	156	82	459	33	139	29	2.5	<5	121	<5	>10.00	320	<25	138	150	239	<20	<20	62	4.55	1.00	1.15	0.19	2.28	32	13	<10	15	42	8	<5	0.26	144	>10.00	1.3
889818		135	1.4	152	102	619	28	154	30	2.9	<5	130	9	>10.00	268	<25	198	130	231	<20	<20	48	4.57	0.94	1.12	0.16	2.16	30	12	<10	13	42	7	<5	0.26	157	>10.00	1.4
889819		135	1.5	183	107	805	31	159	38	4.2	<5	128	13	>10.00	190	<25	140	140	263	<20	<20	30	5.28	0.69	0.77	0.19	2.18	31	7	<10	14	39	<5	<5	0.22	119	>10.00	1.2
889820		84	1.1	206	71	1083	26	164	62	5.1	<5	113	<5	>10.00	221	<25	237	163	257	<20	<20	24	3.36	0.89	0.87	0.10	1.42	20	9	<10	13	28	8	11	0.16	82	>10.00	<1.0
889821		12	<.5	144	15	200	10	87	37	1.3	<5	7	<5	8.40	567	<25	353	250	177	<20	<20	<5	3.15	1.90	2.20	0.11	1.15	24	<5	<10	23	16	17	<5	0.28	37	3.744	<1.0
889822		<5	<.5	131	9	206	4	114	54	1.1	<5	34	18	9.77	1347	<25	519	236	333	<20	<20	7	6.60	4.24	4.84	0.22	1.55	67	6	<10	62	32	37	8	0.63	61	1.917	<1.0
889823		8	<.5	143	3	215	5	124	63	<1.0	<5	217	<5	9.77	993	<25	523	300	357	<20	<20	<5	6.26	4.08	3.47	0.20	1.40	54	6	<10	64	32	35	<5	0.62	64	2.397	<1.0
889824		<5	<.5	111	8	117	5	93	37	<1.0	<5	10	<5	7.71	1007	<25	286	292	246	<20	<20	<5	5.52	3.20	4.72	0.38	1.15	92	5	<10	40	23	28	<5	0.44	46	2.498	<1.0
889825		<5	0.7	150	8	153	7	113	48	1.0	<5	48	<5	8.62	951	<25	300	247	290	<20	<20	6	6.47	3.43	5.27	0.46	1.14	79	<5	<10	52	26	32	<5	0.51	56	1.985	<1.0
889826		7	<.5	103	10	223	4	113	55	<1.0	<5	65	<5	8.00	700	<25	348	253	380	<20	<20	<5	6.16	4.31	2.90	0.24	1.32	41	<5	11	82	35	31	<5	0.65	66	1.138	<1.0
889827		11	<.5	155	18	148	5	107	50	<1.0	<5	39	<5	8.93	1153	<25	118	222	284	<20	<20	<5	6.37	3.27	5.49	0.71	0.69	76	<5	10	65	25	32	<5	0.45	53	1.718	<1.0
889828		<5	<.5	79	18	226	3	80	26	<1.0	<5	24	<5	8.70	970	<25	202	263	404	<20	<20	5	7.09	3.77	5.11	0.74	1.51	96	<5	13	72	39	40	<5	0.57	70	2.922	<1.0
889829		10	1.0	318	23	640	21	212	41	2.9	<5	8	<5	>10.00	1428	<25	81	161	104	<20	<20	14	3.11	2.00	7.29	0.29	0.85	74	7	<10	8	16	8	<5	0.15	60	9.574	<1.0

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62701.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 16-AUO-00 PAGE 1B(2/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889800		392	<20
889801		350	<20
889802		358	<20
889803		394	<20
889804		395	<20
889805		357	<20
889806		372	<20
889807		379	<20
889808		361	<20
889809		409	<20
889810		354	<20
889811		403	<20
889812		352	<20
889813		310	<20
889814		290	<20
889815		371	33
889816		463	<20
889817		395	<20
889818		335	<20
889819		355	<20
889820		409	<20
889821		222	<20
889822		424	<20
889823		442	<20
889824		318	<20
889825		379	<20
889826		473	<20
889827		338	<20
889828		451	<20
889829		320	<20

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62701.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 16-AUG-00 PAGE 2A(3/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
889830		7	<.5	108	29	101	5	97	40	<1.0	<5	16	<5	9.03	1603	<25	103	233	308	<20	<20	6	7.10	3.27	6.85	0.79	1.16	146	5	<10	42	30	36	<5	0.57	54	3.407	<1.0
889831		8	<.5	106	23	156	8	95	31	<1.0	<5	29	<5	>10.00	1579	<25	131	234	305	<20	<20	7	6.86	3.92	6.28	0.33	1.35	98	7	<10	39	29	33	<5	0.54	58	4.928	<1.0
889832		18	0.6	174	19	905	14	160	42	3.7	<5	41	<5	>10.00	120	<25	270	259	225	<20	<20	32	4.70	0.84	0.39	0.32	2.59	36	11	14	23	46	10	<5	0.83	160	8.259	1.6
889833		11	<.5	172	18	1136	10	158	23	3.5	<5	22	<5	9.65	85	<25	331	231	187	<20	<20	31	5.74	0.82	0.24	0.42	2.16	40	10	21	27	35	12	<5	0.81	162	5.879	1.7
889834		57	<.5	163	73	975	21	198	53	4.5	<5	111	<5	>10.00	101	<25	154	188	264	<20	<20	37	5.06	0.70	0.28	0.26	2.31	29	12	13	20	46	10	<5	0.47	144	>10.00	1.4
889835		54	<.5	139	72	886	24	173	29	3.6	<5	126	<5	>10.00	250	<25	129	160	183	<20	<20	51	4.76	1.03	0.95	0.21	1.87	30	15	<10	24	51	6	<5	0.27	232	>10.00	1.2
889836		61	<.5	136	88	704	35	168	31	2.9	<5	122	<5	>10.00	227	<25	109	152	203	<20	<20	42	4.06	0.91	0.80	0.24	2.49	41	13	<10	21	56	<5	<5	0.28	208	>10.00	1.1
889837		12	<.5	135	23	1016	10	165	18	3.5	<5	26	<5	9.49	110	<25	285	185	180	<20	<20	31	6.20	0.85	0.26	0.45	2.98	61	10	21	27	41	13	<5	0.80	161	5.253	1.5
889838		19	<.5	129	29	779	15	161	28	2.3	<5	55	<5	>10.00	158	<25	298	244	199	<20	<20	34	7.73	0.85	0.34	0.63	2.85	97	11	18	34	47	15	<5	0.84	177	7.015	1.7
889839		42	<.5	40	11	73	3	23	16	1.0	<5	9	<5	>10.00	16426	<25	48	139	55	<20	<20	11	1.22	1.35	4.01	0.02	0.28	99	6	<10	5	6	<5	<5	0.13	23	0.591	<1.0
889840		22	<.5	138	13	132	12	111	23	<1.0	<5	<5	<5	>10.00	974	<25	290	180	270	<20	<20	18	5.93	1.60	0.32	0.04	2.38	22	7	<10	32	33	10	<5	0.30	70	6.828	2.7
889841		14	<.5	77	9	146	11	107	26	<1.0	<5	7	<5	>10.00	1725	<25	211	253	245	<20	<20	22	6.38	2.14	0.22	0.03	1.68	21	10	<10	34	37	16	<5	0.54	105	4.153	2.0
889842		310	<.5	25	7	39	4	25	16	<1.0	<5	<5	<5	>10.00	17915	<25	14	119	51	<20	<20	13	1.12	1.58	3.49	<.01	0.10	92	7	<10	6	<5	<5	21	0.09	26	1.940	<1.0
889843		457	<.5	5	5	44	5	17	13	<1.0	<5	<5	<5	>10.00	9560	<25	8	109	20	<20	<20	9	0.35	2.21	2.20	0.05	0.15	50	7	<10	<2	<5	<5	5	0.02	10	0.253	<1.0
889844		21	<.5	34	8	66	7	28	17	<1.0	<5	<5	<5	>10.00	9576	<25	<5	94	19	<20	<20	7	0.31	2.39	2.08	0.04	0.14	55	8	<10	<2	<5	<5	<5	0.01	8	2.523	<1.0
889845		76	<.5	206	73	121	33	132	49	<1.0	<5	<5	<5	>10.00	396	<25	<5	176	290	<20	<20	13	1.82	0.85	0.25	<.01	0.02	19	6	<10	9	28	<5	<5	0.11	43	>10.00	<1.0
889846		61	0.8	236	60	194	27	130	46	1.4	<5	<5	<5	>10.00	304	<25	59	143	259	<20	<20	27	3.33	1.21	0.12	0.05	0.57	17	9	<10	22	44	6	<5	0.22	145	>10.00	<1.0
889847		15	<.5	158	15	525	15	150	40	2.0	<5	<5	<5	>10.00	654	<25	212	217	211	<20	<20	16	5.93	2.32	3.18	1.09	1.83	80	7	<10	18	25	18	<5	0.32	85	6.565	<1.0
889848		<5	<.5	45	13	206	4	26	22	1.1	<5	15	<5	8.39	4396	<25	294	140	177	<20	<20	25	6.97	1.85	1.68	1.88	1.22	73	7	14	30	23	14	<5	0.42	90	0.723	1.7
889849		<5	<.5	48	9	161	3	23	24	<1.0	<5	<5	<5	9.23	3386	<25	255	124	202	<20	<20	16	6.51	1.99	2.23	1.94	0.91	53	7	11	30	21	15	<5	0.42	84	1.109	1.5

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889830		372	<20
889831		407	<20
889832		686	<20
889833		615	<20
889834		429	<20
889835		331	<20
889836		323	<20
889837		616	<20
889838		566	21
889839		572	<20
889840		392	29
889841		760	<20
889842		604	<20
889843		539	<20
889844		660	<20
889845		451	<20
889846		464	28
889847		416	<20
889848		323	<20
889849		356	<20

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED
KPMG
VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62702.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 15-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Pb PCT	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
889850		<5	<0.5	35	6		132		4	38	25	<1.0	<5	10	<5	9.31	3471	<25	326	226	250	<20	<20	17	7.72	2.64	4.99	1.64	0.76	75	13	11	40	24	24	<5	0.51
889851		6	<0.5	422	8		563		29	180	44	3.1	<5	13	<5	>10.00	386	<25	187	237	162	<20	<20	26	5.00	1.66	0.99	0.13	1.55	31	9	<10	22	18	10	<5	0.27
889852		22	<0.5	134	<2		205		2	88	39	<1.0	<5	41	<5	>10.00	2408	<25	<5	189	298	<20	<20	9	6.71	3.59	6.87	0.94	0.07	28	7	11	66	23	35	<5	0.40
889853		8	<0.5	291	9		5444	0.54	16	166	37	20.7	<5	9	8	>10.00	273	<25	231	222	177	<20	21	38	7.23	1.12	0.38	0.23	2.62	34	13	11	22	34	15	<5	0.49
889854		<5	1.1	118	6		618		5	75	37	<1.0	<5	31	<5	7.95	2719	<25	183	245	281	<20	<20	6	6.07	3.59	7.78	0.67	0.69	77	7	11	48	23	33	<5	0.41
889855		<5	<0.5	141	11		310		5	86	47	<1.0	<5	18	<5	8.65	1394	34	8	182	334	<20	<20	5	7.24	3.99	8.41	0.86	0.09	46	12	<10	65	28	38	<5	0.55
889856		<5	1.4	412	26		387		22	137	62	<1.0	<5	46	13	>10.00	308	<25	131	252	122	<20	<20	25	4.75	1.28	1.01	1.13	1.24	18	8	<10	12	7	10	<5	0.13
889857		21	<0.5	210	41		432		19	89	66	<1.0	<5	103	<5	>10.00	221	<25	162	272	126	<20	<20	30	5.70	0.91	0.65	1.28	1.84	21	8	11	12	12	12	<5	0.18
889858		32	<0.5	194	66		412		19	108	56	<1.0	<5	132	8	>10.00	257	<25	36	284	130	<20	<20	34	5.64	0.95	0.74	1.18	1.80	21	8	<10	12	15	12	<5	0.21
889859		29	<0.5	250	35		382		21	114	52	<1.0	<5	104	9	>10.00	242	<25	127	326	139	<20	<20	32	5.79	1.27	0.59	1.05	1.82	21	7	<10	15	12	12	11	0.21
889860		7	0.5	242	20		429		20	127	30	<1.0	<5	50	<5	>10.00	463	<25	170	280	232	<20	<20	26	6.29	2.13	1.03	1.00	1.80	16	9	12	22	24	20	<5	0.29
889861		17	<0.5	268	44		1760		23	153	35	<1.0	<5	71	<5	>10.00	439	<25	115	231	216	<20	<20	28	4.95	1.23	1.65	0.45	2.08	31	8	<10	11	20	11	<5	0.16
889862		<5	0.6	112	<2		124		4	89	43	<1.0	<5	46	<5	7.50	1166	<25	432	264	318	<20	<20	7	7.46	3.20	6.73	1.90	1.62	91	6	12	13	25	37	12	0.40
889863		<5	0.7	218	42		802		5	103	46	<1.0	<5	89	<5	>10.00	1511	<25	73	290	287	<20	<20	6	6.02	3.19	6.56	0.72	0.28	52	17	<10	37	25	31	<5	0.54
889864		350	12.3	428	2220		3713		4	96	40	1.9	<5	133	<5	>10.00	1129	<25	338	319	319	<20	<20	6	7.16	2.68	4.48	1.61	1.68	63	6	<10	23	25	36	12	0.48
889865		414	7.6	758	1737		2822		2	100	35	<1.0	<5	36	13	>10.00	574	<25	416	326	349	22	<20	5	7.36	2.61	4.04	1.04	2.69	61	6	<10	20	28	37	<5	0.60
889866		6547	61.0	768	>10000	1.74	>20000	3.06	2	40	29	65.0	<5	2936	107	>10.00	764	<25	76	256	73	32	69	<5	1.46	2.12	5.60	0.06	0.73	50	<5	<10	3	<5	7	<5	0.09
889867		104	2.1	320	729		1136		5	82	41	<1.0	<5	46	<5	7.07	1066	<25	749	228	313	<20	<20	6	6.83	3.57	7.21	0.15	3.48	70	7	<10	15	27	34	<5	0.63
889868		93	2.8	180	865		4268		3	59	29	6.9	<5	609	13	7.47	1797	<25	453	202	211	<20	<20	6	4.59	4.95	>10.00	0.09	2.27	73	5	<10	11	18	24	<5	0.39
889869		56	1.5	149	440		791		2	78	41	<1.0	<5	79	<5	7.84	1311	<25	474	218	269	<20	<20	6	5.92	3.90	7.62	0.11	2.58	61	6	<10	18	23	30	<5	0.53
889870		162	1.7	316	1348		2804		8	74	38	4.3	<5	193	14	9.33	1816	<25	470	267	228	<20	<20	<5	4.87	3.78	7.95	0.11	2.08	83	6	<10	16	19	25	<5	0.44
889871		65	<0.5	241	486		7761	0.76	2	85	45	15.9	<5	248	<5	>10.00	1561	<25	228	244	297	<20	29	5	6.47	4.76	4.07	0.73	0.87	49	<5	<10	52	22	32	<5	0.53
889872		32	0.9	364	274		7488	0.72	2	91	44	16.1	<5	229	<5	>10.00	1781	26	37	226	304	<20	<20	6	6.69	4.12	5.45	1.40	0.16	72	6	<10	67	22	35	12	0.46
889873		36	5.8	183	229		461		3	96	49	<1.0	<5	61	<5	>10.00	1578	<25	223	249	318	<20	<20	6	6.88	3.52	5.03	1.07	1.13	55	6	<10	58	25	36	<5	0.47
889874		14	<0.5	179	15		250		7	106	49	<1.0	<5	86	<5	>10.00	1396	<25	187	232	328	<20	<20	7	7.18	3.23	6.64	0.57	1.00	54	6	12	76	27	37	<5	0.44
889875		<5	0.6	148	7		192		2	99	49	<1.0	<5	76	<5	>10.00	1294	<25	111	213	341	<20	<20	5	7.23	3.41	5.97	0.78	0.57	56	<5	<10	89	26	39	<5	0.51
889876		13	<0.5	170	5		297		7	105	45	<1.0	<5	31	<5	>10.00	1236	<25	55	239	290	<20	<20	9	6.34	3.39	5.65	0.85	0.43	74	5	<10	80	23	32	<5	0.42
889877		32	1.1	318	34		706		20	222	46	<1.0	<5	46	<5	>10.00	348	<25	157	226	203	<20	<20	42	6.70	0.96	1.03	0.61	2.17	63	12	10	28	34	13	<5	0.38
889878		8	<0.5	74	28		537		13	77	37	<1.0	<5	31	<5	8.19	205	<25	230	229	174	<20	<20	48	9.31	0.80	0.33	0.88	2.73	109	14	21	38	39	21	<5	0.66
889879		11	0.5	187	11		758		12	149	29	<1.0	<5	19	<5	>10.00	255	<25	247	331	162	<20	<20	43	9.22	0.83	0.40	0.48	3.50	56	14	17	28	34	20	<5	0.58

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Zr PPM	S PCT	Be PPM	P PPM	U PPM
889850		61	0.287	1.9	387	<20
889851		77	>10.00	1.2	384	29
889852		29	0.204	<1.0	340	<20
889853		124	>10.00	1.5	429	<20
889854		38	0.765	<1.0	345	<20
889855		26	0.402	<1.0	387	<20
889856		65	>10.00	1.1	291	34
889857		89	>10.00	1.3	291	<20
889858		105	>10.00	1.4	305	37
889859		87	>10.00	1.5	325	20
889860		76	>10.00	1.3	362	29
889861		80	>10.00	1.3	309	<20
889862		51	1.452	<1.0	400	<20
889863		25	3.352	<1.0	384	<20
889864		48	5.287	<1.0	319	<20
889865		52	6.105	<1.0	356	<20
889866		10	>10.00	<1.0	178	<20
889867		46	3.290	1.2	366	<20
889868		30	4.831	<1.0	179	<20
889869		38	4.133	<1.0	285	<20
889870		33	4.403	1.0	658	<20
889871		45	4.582	<1.0	340	<20
889872		46	3.426	<1.0	370	<20
889873		46	3.611	<1.0	369	<20
889874		47	2.169	<1.0	389	<20
889875		47	1.114	<1.0	362	<20
889876		44	3.673	<1.0	398	<20
889877		128	>10.00	1.5	357	<20
889878		209	5.459	2.6	450	<20
889879		169	7.462	2.3	388	<20

CHIMITEC
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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62702.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 15-AUO-00 PAGE 2A(3/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Pb PCT	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
889880		137	3.0	147	81		3510		118	226	37	13.7	<5	185	10	>10.00	640	<25	134	274	1292	<20	<20	34	4.38	0.71	1.32	0.30	1.75	38	26	<10	13	116	10	<5	0.27
889881		144	3.2	226	110		4086		121	269	64	17.5	<5	222	22	>10.00	632	<25	120	258	1304	<20	<20	37	4.56	0.58	0.88	0.26	1.87	33	24	<10	14	123	9	6	0.21
889882		113	2.5	217	93		3320		131	241	36	17.1	<5	214	11	>10.00	1555	37	133	230	1420	<20	<20	35	4.31	1.04	1.64	0.15	1.67	45	27	<10	23	125	9	<5	0.20
889883		20	<0.5	419	<2		148		14	73	46	<1.0	<5	<5	<5	>10.00	838	<25	<5	189	145	<20	<20	14	3.90	3.33	1.50	0.01	0.03	<1	14	<10	12	18	12	<5	0.27
889884		59	<0.5	1035	<2		158		9	156	87	<1.0	<5	<5	<5	>10.00	674	<25	<5	170	144	<20	<20	11	3.90	3.13	0.77	0.02	0.02	1	11	<10	14	11	9	<5	0.23
889885		13	<0.5	437	<2		295		20	156	71	<1.0	<5	25	<5	>10.00	991	<25	<5	184	173	<20	<20	23	5.21	3.31	2.44	0.60	0.03	11	15	<10	28	18	11	<5	0.31
889886		18	<0.5	604	<2		146		27	130	68	<1.0	<5	5	<5	>10.00	859	<25	32	204	208	<20	<20	27	6.13	3.23	2.68	1.66	0.07	36	10	11	37	17	14	<5	0.23
889887		<5	<0.5	139	4		137		10	84	48	1.8	<5	92	<5	9.95	1356	<25	<5	210	328	<20	<20	5	6.82	3.89	5.16	1.33	0.04	58	10	11	52	26	39	<5	0.35
889888		9	0.6	133	<2		143		2	88	44	<1.0	<5	23	<5	>10.00	1323	<25	<5	268	307	<20	<20	<5	6.96	3.76	5.37	1.50	0.04	61	9	11	51	28	35	<5	0.48
889889		<5	<0.5	147	<2		125		2	72	51	<1.0	<5	28	7	>10.00	1548	<25	106	181	342	<20	<20	6	6.30	3.30	7.32	0.99	0.18	65	9	<10	56	29	38	<5	0.53
889890		<5	0.6	81	7		176		2	78	32	<1.0	<5	71	<5	>10.00	1418	<25	267	243	330	<20	<20	5	6.98	4.12	5.40	0.91	0.68	161	6	<10	62	27	38	<5	0.58
889891		15	0.7	163	32		973		20	146	75	<1.0	<5	157	<5	>10.00	250	<25	71	329	158	<20	<20	35	4.88	0.87	0.99	0.44	1.40	40	9	<10	25	22	11	6	0.23
889892		19	0.5	117	33		944		19	175	41	<1.0	<5	130	<5	>10.00	323	<25	162	327	205	<20	<20	38	6.92	0.73	0.75	0.44	2.41	35	11	<10	25	33	14	<5	0.39
889893		48	1.1	118	65		2227		86	194	34	8.6	<5	251	12	>10.00	783	<25	169	266	890	<20	<20	35	5.37	1.17	2.12	0.25	1.95	42	20	<10	19	86	12	<5	0.30
889894		7	<0.5	109	22		549		12	122	26	<1.0	<5	57	<5	9.96	248	<25	240	314	178	<20	<20	41	9.62	0.73	0.43	0.80	2.54	80	12	19	39	31	19	<5	0.59
889895		<5	<0.5	100	<2		137		15	104	30	<1.0	<5	6	<5	>10.00	705	26	438	159	169	<20	<20	46	8.49	1.24	2.19	2.66	2.29	62	14	17	19	37	22	<5	0.61
889896		59	<0.5	109	<2		54		14	93	19	<1.0	<5	8	<5	>10.00	971	<25	420	100	181	<20	<20	60	9.05	1.38	2.54	2.63	2.67	69	20	21	14	48	22	<5	0.90
889897		17	<0.5	150	<2		119		12	120	27	<1.0	<5	6	<5	>10.00	299	<25	286	88	184	<20	<20	71	9.43	1.19	0.98	1.19	2.97	42	22	21	31	54	22	<5	1.05
889898		<5	<0.5	148	15		387		14	131	29	<1.0	<5	<5	<5	>10.00	239	34	262	102	138	<20	<20	76	7.62	0.94	0.74	1.02	2.51	28	20	19	27	41	15	<5	0.47
889899		<5	<0.5	239	43		537		24	129	27	<1.0	<5	<5	<5	>10.00	392	<25	228	135	224	<20	<20	75	7.13	1.01	0.93	0.19	2.91	20	21	18	30	65	12	<5	0.32

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: COO-62702.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 15-AUO-00 PAGE 2B(4/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Zr PPM	S PCT	Be PPM	P PPM	U PPM
889880		59	>10.00	1.4	830	34
889881		55	>10.00	1.6	767	63
889882		62	>10.00	2.3	1278	28
889883		48	3.601	<1.0	231	<20
889884		45	8.183	<1.0	234	31
889885		54	>10.00	<1.0	700	28
889886		75	>10.00	<1.0	347	26
889887		31	0.697	<1.0	360	<20
889888		30	1.267	<1.0	349	<20
889889		29	1.049	<1.0	394	<20
889890		31	2.569	<1.0	370	<20
889891		98	>10.00	1.2	390	<20
889892		128	>10.00	1.5	324	20
889893		74	>10.00	1.3	767	<20
889894		163	6.809	2.9	266	<20
889895		151	6.358	2.6	771	<20
889896		200	6.504	2.2	1138	<20
889897		230	7.856	3.1	1708	<20
889898		284	8.972	2.6	1059	<20
889899		354	8.412	3.0	642	<20

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62703.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 16-AUO-00 PAGE 1A(1/ 6)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Tl PCT	Zr PPM	S PCT	Be PPM
889900		6	<.5	269	11	58	16	124	24	<1.0	<5	<5	<5	>10.00	654	<25	178	123	210	<20	<20	54	5.40	1.13	3.61	1.45	1.79	60	18	<10	16	56	10	8	0.30	245	6.833	1.3
889901		7	<.5	436	<2	61	9	207	54	<1.0	<5	27	<5	>10.00	984	<25	140	110	79	<20	<20	14	2.82	1.47	3.52	1.32	0.42	51	<5	<10	7	<5	7	<5	0.10	37	>10.00	<1.0
889902		17	<.5	183	30	504	17	131	51	1.2	<5	119	<5	>10.00	208	<25	131	115	241	<20	<20	66	5.54	1.15	0.52	0.28	2.45	19	11	<10	24	42	9	<5	0.24	224	>10.00	1.3
889903		30	<.5	148	76	496	13	115	66	1.4	<5	268	11	>10.00	157	<25	71	155	86	<20	<20	18	2.82	0.59	0.44	0.24	1.13	11	<5	<10	11	5	6	<5	0.09	53	>10.00	<1.0
889904		31	<.5	175	44	298	11	98	53	<1.0	<5	176	10	>10.00	347	<25	90	180	93	<20	<20	27	3.60	0.68	0.99	0.37	1.53	20	<5	<10	12	6	8	<5	0.13	71	>10.00	<1.0
889905		31	<.5	158	37	330	12	102	54	<1.0	<5	193	7	>10.00	409	<25	109	190	113	<20	<20	27	4.15	0.74	1.07	0.69	1.64	23	<5	<10	11	7	9	<5	0.14	76	>10.00	<1.0
889906		19	<.5	171	39	444	11	91	52	1.2	<5	158	<5	>10.00	364	<25	106	218	116	<20	<20	28	4.39	0.79	1.20	0.60	1.78	24	<5	<10	13	8	10	<5	0.14	77	>10.00	<1.0
889907		<5	<.5	126	<2	106	2	83	44	<1.0	<5	52	<5	8.14	1281	<25	20	148	280	<20	<20	<5	5.63	3.07	5.67	0.70	0.64	79	<5	<10	41	13	34	6	0.27	12	0.630	<1.0
889908		<5	<.5	185	<2	147	2	96	43	<1.0	<5	36	<5	9.45	1342	<25	57	175	331	<20	<20	<5	6.58	2.82	6.79	1.67	0.91	95	5	<10	32	16	40	<5	0.32	24	2.196	<1.0
889909		20	<.5	242	46	318	12	87	41	<1.0	<5	121	6	>10.00	207	<25	214	203	132	<20	<20	29	5.41	1.03	0.90	1.26	2.02	25	<5	<10	18	9	12	<5	0.21	82	>10.00	<1.0
889910		37	<.5	312	50	1598	12	77	39	6.7	<5	150	7	>10.00	248	<25	87	117	140	<20	<20	15	2.71	0.58	1.17	2.18	1.27	32	<5	<10	8	7	8	<5	0.12	113	>10.00	<1.0
889911		<5	<.5	116	<2	146	2	70	36	<1.0	<5	58	<5	7.69	1145	<25	31	157	293	<20	<20	<5	5.28	2.38	5.82	1.83	0.27	108	15	<10	34	15	36	<5	0.30	32	0.919	<1.0
889912		<5	<.5	111	17	370	8	123	40	1.1	<5	23	<5	>10.00	273	<25	159	189	163	<20	<20	29	7.19	1.08	0.98	1.01	2.03	102	5	11	58	17	16	<5	0.57	106	6.879	<1.0
889913		7	<.5	116	20	489	7	123	26	1.5	<5	33	<5	>10.00	299	<25	180	214	131	<20	<20	45	7.66	1.21	0.87	0.74	2.21	75	13	11	53	40	15	<5	0.47	239	6.724	1.1
889914		5	<.5	104	30	359	8	94	32	1.4	<5	30	<5	9.36	137	<25	199	165	177	<20	<20	36	8.79	0.78	0.42	1.05	2.53	117	6	14	51	21	18	<5	0.65	131	5.537	1.1
889915		46	<.5	74	47	790	22	141	27	3.4	<5	152	<5	>10.00	276	<25	159	197	294	<20	<20	43	5.76	0.89	0.73	0.36	2.12	26	9	<10	25	39	10	<5	0.28	118	>10.00	<1.0
889916		25	<.5	257	25	748	17	170	33	2.5	<5	55	<5	>10.00	634	<25	165	155	180	<20	<20	33	4.55	1.63	2.07	0.13	1.54	39	7	<10	26	25	10	<5	0.25	89	>10.00	<1.0
889917		<5	<.5	22	<2	39	4	15	5	<1.0	<5	<5	<5	>10.00	5254	<25	5	148	30	<20	<20	7	0.31	4.18	6.35	<.01	<.01	37	<5	<10	6	<5	<5	<5	0.02	<5	1.143	<1.0
889918		8	<.5	32	<2	26	3	10	4	<1.0	<5	<5	<5	>10.00	4223	<25	6	156	20	<20	<20	<5	0.07	3.29	6.88	<.01	<.01	47	<5	<10	<2	<5	<5	<5	<.01	<5	1.425	<1.0
889919		<5	<.5	6	<2	45	3	5	5	<1.0	<5	<5	<5	>10.00	7279	<25	10	87	25	<20	<20	6	0.21	4.37	5.39	<.01	0.03	55	<5	<10	2	<5	<5	<5	0.01	<5	0.397	<1.0
889920		<5	<.5	7	<2	39	2	12	8	<1.0	<5	<5	<5	>10.00	8361	<25	10	119	41	<20	<20	8	0.57	3.91	3.05	<.01	0.03	32	<5	<10	3	<5	<5	<5	0.03	<5	0.379	<1.0
889921		<5	<.5	9	<2	42	1	19	9	<1.0	<5	<5	<5	>10.00	14179	<25	8	98	48	<20	<20	8	0.72	3.71	3.26	<.01	0.02	28	<5	<10	2	<5	<5	<5	0.06	<5	0.444	<1.0
889922		<5	<.5	20	3	56	2	23	19	<1.0	<5	<5	<5	6.64	658	<25	267	112	62	<20	<20	38	6.08	1.90	1.04	0.25	2.83	57	<5	<10	28	<5	11	<5	0.22	55	0.206	1.1
889923		<5	<.5	16	9	40	<1	35	19	<1.0	<5	<5	<5	2.20	80	<25	329	132	61	<20	<20	43	7.22	0.75	0.11	0.28	3.27	46	<5	16	30	7	10	<5	0.32	69	0.239	1.3
889924		<5	<.5	7	9	90	2	16	9	<1.0	<5	<5	<5	2.00	149	<25	394	137	44	<20	<20	23	5.15	1.30	1.50	0.08	3.06	44	<5	<10	21	<5	7	<5	0.18	58	0.321	<1.0
889925		<5	0.7	4	5	25	2	14	5	<1.0	<5	<5	<5	1.34	544	<25	82	86	11	<20	<20	<5	1.07	8.98	>10.00	<.01	0.90	77	<5	<10	8	<5	<5	<5	0.02	<5	0.528	<1.0
889926		<5	0.9	1	2	16	2	15	4	<1.0	<5	<5	<5	0.78	572	<25	73	69	8	<20	<20	<5	0.95	>10.00	>10.00	<.01	0.75	54	<5	<10	6	<5	<5	<5	0.02	<5	0.146	<1.0
889927		<5	<.5	17	15	49	1	23	16	<1.0	<5	<5	<5	2.28	70	<25	523	140	58	<20	<20	29	6.20	0.70	0.25	0.20	2.92	31	5	11	27	<5	8	<5	0.23	100	0.352	1.6
889928		<5	<.5	19	<2	254	<1	33	21	<1.0	<5	<5	<5	3.61	353	<25	364	148	73	<20	<20	40	6.92	1.01	0.20	0.23	3.01	17	<5	14	37	5	9	<5	0.32	74	0.548	1.6

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62703.0 (COMPLET) DATE RECU : 25-JUL-00 DATE DE L'IMPRESSION: 16-AUO-00 PAGE 1B(2/ 6)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
889900		626	41
889901		507	80
889902		671	33
889903		645	78
889904		602	75
889905		555	66
889906		589	64
889907		300	34
889908		355	31
889909		405	46
889910		724	89
889911		366	38
889912		289	27
889913		520	25
889914		308	<20
889915		522	48
889916		531	48
889917		360	31
889918		276	32
889919		510	29
889920		570	<20
889921		635	<20
889922		282	<20
889923		209	<20
889924		192	<20
889925		75	23
889926		74	26
889927		480	<20
889928		514	<20

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: COO-62837.0 (COMPLET) DATE RECU : 08-AUG-00 DATE DE L'IMPRESSION: 22-AUO-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Den /CM3	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
889929		2.95	<5	1.0	29	5	741		3	52	18	3.0	<5	<5	<5	3.52	1508	<25	224	158	60	<20	<20	15	3.99	5.72	>10.00	0.06	2.15	90	<5	<10	18	<5	6	<5	0.15
889930		2.95	5	0.7	44	<2	159		4	223	67	2.0	<5	40	<5	3.75	803	<25	150	491	184	<20	<20	9	5.45	5.07	8.70	0.04	2.61	46	<5	11	29	9	17	<5	0.47
889931		3.02	10	1.0	13	20	293		5	135	29	<1.0	<5	12	<5	5.11	1186	<25	60	218	56	<20	<20	<5	2.17	8.06	>10.00	0.02	1.23	68	<5	<10	18	<5	7	<5	0.20
889932		2.97	13	1.8	24	44	1492		7	170	39	2.0	<5	19	<5	5.47	1165	<25	117	404	153	<20	<20	7	3.99	5.78	>10.00	0.04	2.18	67	<5	<10	31	5	10	<5	0.32
889933		2.93	<5	<.5	56	<2	897		3	222	30	2.0	<5	<5	<5	4.31	1099	<25	146	573	467	<20	<20	10	5.51	4.97	8.29	0.04	2.95	55	5	<10	44	41	18	10	0.51
889934		2.98	<5	<.5	130	5	273		2	238	66	<1.0	<5	<5	<5	7.37	542	<25	188	310	1194	<20	<20	11	7.12	2.75	3.35	0.05	3.10	21	6	20	45	107	21	<5	0.83
889935		3.03	<5	<.5	47	2	68		3	119	41	<1.0	<5	<5	<5	6.55	839	<25	164	138	259	<20	<20	12	6.30	4.32	7.88	0.04	2.88	56	13	12	42	18	21	<5	0.43
889936		2.95	15	<.5	75	174	145		3	120	71	<1.0	<5	8	<5	6.30	471	<25	183	147	350	<20	<20	8	7.39	3.34	4.12	0.05	2.99	25	<5	12	54	23	23	<5	0.49
889937		3.02	<5	1.4	6	20	199		5	28	12	<1.0	<5	<5	<5	4.23	1485	<25	49	81	59	<20	<20	6	2.23	8.72	>10.00	0.05	1.19	97	<5	<10	21	<5	8	<5	0.11
889938		3.11	<5	1.4	21	22	56		4	37	27	<1.0	<5	<5	<5	5.85	1526	<25	53	54	67	<20	<20	6	2.42	8.37	>10.00	0.03	1.40	76	<5	<10	22	<5	8	<5	0.15
889939		2.98	<5	<.5	4	19	82		4	26	13	<1.0	<5	<5	<5	3.87	1431	<25	52	40	61	<20	<20	6	2.16	8.60	>10.00	0.03	1.25	93	<5	<10	21	<5	7	<5	0.12
889940		2.96	<5	0.9	16	67	160		4	32	15	<1.0	<5	<5	<5	3.92	1276	<25	53	111	68	<20	<20	<5	2.26	6.81	>10.00	0.03	1.24	77	<5	<10	19	<5	8	<5	0.11
889941		3.04	<5	1.1	7	25	134		5	29	16	<1.0	<5	<5	<5	4.67	1653	<25	61	66	77	<20	<20	5	2.70	8.20	>10.00	0.04	1.50	117	<5	<10	23	<5	9	<5	0.13
889942		3.04	12	1.3	10	14	>20000	6.85	2	81	29	80.0	<5	<5	<5	4.58	997	58	51	142	90	<20	124	<5	3.05	4.78	8.21	0.10	1.30	64	<5	<10	19	<5	10	<5	0.17
889943		2.99	<5	<.5	18	16	185		3	38	20	<1.0	<5	<5	15	4.73	1521	<25	63	92	90	<20	<20	5	2.99	7.56	>10.00	0.03	1.75	91	<5	<10	24	<5	11	<5	0.15
889944		3.00	<5	<.5	9	29	75		6	39	25	<1.0	<5	<5	<5	4.94	1426	<25	57	75	93	<20	<20	<5	3.23	7.43	>10.00	0.05	1.81	94	<5	<10	26	<5	11	<5	0.17
889945		3.04	<5	0.6	23	60	79		7	51	30	<1.0	<5	5	<5	5.31	1387	<25	76	109	136	<20	<20	6	4.38	6.34	>10.00	0.05	2.50	79	<5	<10	33	6	14	<5	0.24
889946		3.01	<5	<.5	28	32	102		2	54	27	<1.0	<5	<5	<5	5.22	1414	<25	95	82	158	<20	<20	7	5.19	5.63	9.65	0.08	2.71	69	<5	<10	39	8	17	<5	0.30
889947		2.96	6	1.1	31	3	49		4	62	37	<1.0	<5	<5	<5	4.59	1185	<25	156	106	154	<20	<20	8	5.43	5.07	9.06	0.44	2.64	72	<5	12	38	8	18	<5	0.34
889948		2.94	<5	<.5	35	6	48		4	59	36	<1.0	<5	<5	<5	4.54	1152	<25	163	83	161	<20	<20	8	5.51	4.99	8.97	0.45	2.54	68	<5	<10	40	7	18	<5	0.33
889949		2.97	<5	<.5	44	10	86		4	57	35	<1.0	<5	6	<5	6.04	1231	<25	332	88	174	<20	<20	8	6.64	4.67	7.35	0.28	2.88	64	<5	15	49	10	21	<5	0.40
889950		2.97	<5	0.6	29	<2	64		2	67	32	<1.0	<5	<5	<5	6.55	1322	<25	436	85	142	<20	<20	8	5.15	5.01	8.39	0.19	2.52	69	5	<10	39	<5	17	<5	0.31
890001		3.01	<5	1.3	41	10	258		1	71	41	2.0	<5	<5	<5	8.14	1621	<25	540	105	151	<20	<20	9	5.78	4.75	7.68	0.03	2.72	79	<5	<10	42	6	19	<5	0.34
890002		2.99	<5	0.5	23	5	66		4	49	24	<1.0	<5	<5	<5	7.09	1913	<25	499	101	162	<20	<20	8	6.35	5.77	>10.00	0.05	2.84	151	9	11	42	8	21	<5	0.33
890003		2.97	<5	<.5	27	9	96		3	70	37	<1.0	<5	<5	<5	7.63	1242	<25	404	100	158	<20	<20	7	5.65	4.83	7.78	0.36	2.92	77	<5	<10	32	8	19	<5	0.39
890004		2.97	<5	0.6	58	<2	76		2	62	29	<1.0	<5	7	<5	6.76	1181	<25	467	119	172	<20	<20	8	5.51	4.70	8.14	0.89	2.53	77	<5	11	37	5	19	<5	0.42
890005		3.05	7	<.5	43	<2	90		4	72	35	<1.0	<5	6	<5	8.32	1204	<25	290	107	174	<20	<20	9	6.14	4.25	6.30	0.90	3.08	47	<5	<10	44	9	21	<5	0.60
890006		2.98	<5	<.5	46	<2	69		2	74	40	<1.0	<5	8	<5	8.13	1144	35	217	120	188	<20	<20	8	6.70	3.27	5.20	1.04	2.70	30	<5	13	42	15	22	<5	0.66
890007		2.98	<5	<.5	62	<2	100		4	86	44	<1.0	<5	7	<5	8.65	972	<25	361	156	214	<20	<20	8	7.43	3.79	5.27	0.59	2.91	35	<5	11	48	12	24	<5	0.70
890008		2.98	<5	<.5	69	<2	181		4	93	46	<1.0	<5	8	<5	7.59	1213	<25	480	106	251	<20	<20	9	7.50	3.34	5.88	0.65	2.70	47	<5	16	53	18	26	<5	0.73

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62837.0 (COMPLET) DATE RECU : 08-AUG-00 DATE DE L'IMPRESSION: 22-AUG-00 PAGE 1B(2/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Zr PPM	S PCT	Be PPM	P PPM	U PPM
889929		69	1.281	1.0	1033	<20
889930		76	1.823	<1.0	815	<20
889931		44	2.972	<1.0	573	<20
889932		61	3.871	<1.0	1536	<20
889933		74	1.411	<1.0	2277	<20
889934		131	3.618	1.0	1209	<20
889935		62	1.680	<1.0	7106	<20
889936		72	2.433	1.1	1262	<20
889937		20	0.603	<1.0	761	<20
889938		23	2.257	<1.0	592	<20
889939		21	0.486	<1.0	713	<20
889940		22	0.654	<1.0	385	<20
889941		26	0.574	<1.0	533	<20
889942		30	4.903	<1.0	343	<20
889943		29	0.953	<1.0	858	<20
889944		35	1.348	<1.0	918	<20
889945		48	1.766	<1.0	967	<20
889946		66	1.018	<1.0	1024	<20
889947		61	0.437	<1.0	1140	<20
889948		56	0.433	<1.0	1164	<20
889949		55	0.793	<1.0	938	<20
889950		45	0.533	<1.0	1620	<20
890001		47	0.854	<1.0	1267	<20
890002		58	1.022	1.0	1350	<20
890003		42	0.432	<1.0	720	<20
890004		44	0.599	<1.0	593	<20
890005		50	0.219	<1.0	722	<20
890006		54	1.559	<1.0	1221	<20
890007		60	2.070	<1.0	741	<20
890008		63	0.932	<1.0	555	<20

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC.
PROJET: 1504
RAPPORT: COO-62837.0 (COMPLET)
DATE RECU : 08-AUG-00 DATE DE L'IMPRESSION: 22-AUO-00 PAGE 2A(3/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Den /CM3	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT
890009		2.98	<5	<.5	30	7	72		4	67	33	<1.0	<5	8	<5	7.34	971	<25	482	101	173	<20	<20	8	5.52	4.97	8.65	0.26	2.57	64	<5	<10	39	9	18	<5	0.42
890010		2.98	<5	<.5	46	<2	67		4	69	37	<1.0	<5	<5	<5	6.69	656	<25	328	99	151	<20	<20	6	8.55	3.33	4.92	0.41	2.86	31	<5	15	46	6	19	<5	0.47
890011		2.96	<5	0.7	34	5	63		2	63	33	<1.0	<5	5	<5	6.63	645	<25	162	85	183	<20	<20	6	7.44	4.76	7.06	0.84	2.64	43	<5	<10	38	8	16	<5	0.35
890012		2.98	<5	<.5	42	<2	58		2	65	37	<1.0	<5	6	<5	7.14	788	<25	238	107	149	<20	<20	5	7.67	3.73	6.27	0.48	2.62	48	<5	12	36	8	17	<5	0.44
890013		2.96	<5	<.5	45	2	73		<1	75	40	<1.0	<5	8	<5	7.01	717	<25	538	92	175	<20	<20	7	8.73	2.63	3.82	0.59	2.78	31	<5	16	44	6	20	<5	0.57
890014		2.91	14	<.5	36	<2	39		3	56	34	<1.0	<5	<5	<5	5.40	1094	<25	449	97	146	<20	<20	8	7.53	4.13	6.89	0.43	3.04	53	<5	13	52	9	17	<5	0.38
890015		2.90	5	<.5	44	<2	42		4	72	41	<1.0	<5	6	<5	6.20	844	<25	964	115	157	<20	<20	5	7.96	3.80	6.05	0.53	2.62	54	<5	14	50	14	18	<5	0.42
890016		2.94	<5	<.5	40	3	58		3	64	38	1.7	<5	12	<5	6.59	1028	<25	645	94	153	<20	<20	5	7.61	4.14	6.07	0.06	2.56	45	6	<10	44	<5	17	<5	0.46
890017		3.04	<5	<.5	38	6	52		3	67	38	<1.0	<5	11	<5	6.98	1028	<25	741	104	149	<20	<20	6	7.65	3.90	5.75	0.21	2.58	41	6	11	43	<5	17	13	0.49
890018		2.94	<5	<.5	58	<2	75		2	73	41	1.0	<5	<5	<5	8.41	1399	<25	259	139	218	<20	<20	10	7.00	3.78	5.73	0.59	2.52	34	8	15	35	7	24	<5	0.63
890019		3.03	<5	<.5	82	<2	131		<1	85	42	<1.0	<5	<5	<5	8.48	1690	<25	326	112	231	<20	<20	9	7.36	3.46	5.34	1.16	2.84	41	8	12	32	9	25	<5	0.66
890020		3.02	7	<.5	74	<2	53		5	78	53	<1.0	<5	7	<5	8.09	1649	<25	388	141	237	<20	<20	9	6.67	3.42	5.58	0.05	2.61	44	8	<10	35	12	23	<5	0.51
890021		2.97	<5	<.5	44	127	105		3	55	39	1.3	<5	9	<5	5.82	1828	<25	296	138	159	<20	<20	6	5.06	4.68	8.33	0.03	2.34	64	6	<10	30	<5	17	<5	0.37
890022		2.94	<5	<.5	34	4	47		3	59	39	<1.0	<5	6	<5	7.46	1918	<25	323	130	172	<20	<20	7	5.13	4.96	8.40	0.03	2.57	68	7	<10	28	9	17	<5	0.39
890023		2.97	<5	<.5	34	<2	54		4	64	43	<1.0	<5	<5	<5	7.76	1844	<25	295	123	177	<20	<20	7	5.68	3.62	5.11	0.03	2.63	44	6	<10	31	6	19	<5	0.55
890024		3.16	16	<.5	36	<2	36		4	54	35	<1.0	<5	18	<5	>10.00	1258	<25	259	121	139	<20	<20	6	4.47	4.73	8.49	0.03	2.35	81	6	<10	28	<5	14	<5	0.32
890025		2.97	<5	<.5	44	4	45		2	69	42	<1.0	<5	<5	<5	6.39	1058	<25	316	110	213	<20	<20	7	6.82	3.32	4.82	0.05	2.64	43	7	12	37	10	23	<5	0.67
890026		3.05	<5	<.5	46	<2	47		5	70	34	<1.0	<5	<5	<5	9.00	1023	<25	343	114	276	<20	<20	15	6.85	3.17	4.84	0.04	2.59	73	10	17	33	16	24	<5	0.95
890027		3.15	<5	0.7	66	<2	45		4	78	43	<1.0	<5	<5	<5	>10.00	2675	<25	182	70	188	<20	<20	7	5.38	4.64	7.06	0.07	2.35	130	6	<10	24	9	19	<5	0.54
890028		3.07	7	<.5	54	<2	51		4	74	39	<1.0	<5	8	<5	>10.00	1175	<25	477	125	326	<20	<20	15	6.79	3.17	4.56	0.03	2.82	80	11	17	30	23	27	<5	1.18
890029		2.81	<5	<.5	15	8	54		<1	45	18	1.0	<5	<5	<5	3.87	191	<25	628	99	76	<20	<20	52	9.81	0.99	0.24	0.14	2.55	28	11	27	25	6	14	<5	0.44
890030		2.89	<5	<.5	16	<2	61		1	41	15	<1.0	<5	<5	<5	3.11	696	<25	367	111	42	<20	<20	31	5.92	3.83	6.55	0.05	2.56	97	9	14	25	<5	8	<5	0.27
890031		2.94	<5	1.0	<1	33	356		4	14	10	<1.0	<5	10	<5	1.14	3565	<25	32	36	10	<20	<20	7	0.64	>10.00	>10.00	0.02	0.40	153	6	<10	4	<5	<5	<5	0.03
890032		3.00	<5	0.9	9	108	1930		5	25	7	2.3	<5	<5	<5	1.13	1386	<25	107	73	19	<20	<20	11	2.14	9.07	>10.00	0.02	1.23	102	<5	<10	11	<5	<5	<5	0.09
890033		2.99	<5	1.3	<1	13	185		4	11	4	<1.0	<5	<5	<5	0.67	656	<25	31	11	6	<20	<20	6	0.49	>10.00	>10.00	0.02	0.30	101	<5	<10	5	<5	<5	<5	0.03
890034		3.00	<5	1.7	<1	11	68		6	9	2	<1.0	<5	<5	<5	0.52	433	<25	31	43	7	<20	<20	6	0.40	>10.00	>10.00	0.02	0.26	85	<5	<10	7	<5	<5	<5	0.02
890035		3.09	9	1.4	<1	8	102		5	5	3	1.3	<5	<5	<5	0.49	362	<25	18	14	6	<20	<20	5	0.43	>10.00	>10.00	0.02	0.29	90	<5	<10	6	<5	<5	<5	0.02

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62837.0 (COMPLET) DATE RECU : 08-AUG-00 DATE DE L'IMPRESSION: 22-AUG-00 PAGE 2B(4/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Zr PPM	S PCT	Be PPM	P PPM	U PPM
890009		46	3.721	<1.0	699	<20
890010		43	1.860	<1.0	180	<20
890011		36	2.416	<1.0	258	<20
890012		38	3.182	<1.0	399	<20
890013		43	1.225	<1.0	238	<20
890014		44	2.284	<1.0	432	<20
890015		41	3.105	<1.0	223	<20
890016		38	1.552	<1.0	210	<20
890017		39	3.075	<1.0	244	<20
890018		56	1.648	<1.0	829	<20
890019		59	1.594	<1.0	746	<20
890020		56	3.614	<1.0	491	<20
890021		47	1.262	<1.0	362	<20
890022		49	1.367	<1.0	680	<20
890023		47	0.965	<1.0	487	<20
890024		49	6.704	<1.0	384	<20
890025		63	0.866	<1.0	433	<20
890026		116	1.722	1.4	2003	<20
890027		54	2.187	<1.0	772	<20
890028		117	1.039	1.5	2188	<20
890029		83	0.388	1.8	401	<20
890030		71	0.406	1.4	309	<20
890031		14	0.100	<1.0	1186	<20
890032		23	0.241	<1.0	272	<20
890033		8	0.081	<1.0	127	<20
890034		8	0.070	<1.0	106	<20
890035		10	0.093	<1.0	117	<20

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CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-63043.0 (COMPLET) DATE RECU: 23-AUG-00 DATE DE L'IMPRESSION: 29-AUO-00

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Pb PPM	Zn PPM	ZnOL PCT	Zn PCT	Ag PPM
890208		<5	13	13	173			0.2
890209		<5	7	7	52			<0.1
890210		<5	6	9	39			0.1
890211		5	36	3247	>20000	7.4	6.72	0.9
890212		<5	5	81	162			<0.1
890213		<5	7	55	43			<0.1
890214		<5	11	19	49			0.2
890215		<5	7	83	28			0.3
890216		<5	8	17	57			<0.1
890217		<5	10	97	1219			<0.1
890218		<5	7	78	2249			<0.1
890219		<5	6	22	42			0.2
890220		<5	11	87	3731			<0.1
890221		<5	4	12	32			<0.1
890222		<5	6	41	670			0.2
890223		<5	7	64	1845			1.1
890224		<5	8	29	109			0.2
890225		<5	8	67	552			0.2
890226		<5	11	177	1070			0.4
890227		<5	9	72	1431			0.3
890228		<5	8	141	5325		0.58	0.2
890229		6	10	147	7524		0.74	0.2
890230		<5	70	1190	>20000	11.6	10.45	1.0
890231		<5	12	55	7822		0.73	<0.1
890232		<5	34	1092	>20000	10.7	10.35	0.8
890233		5	11	126	5769		0.58	0.3
890234		11	32	279	3317			0.5
890235		5	18	2539	>20000	5.7	5.18	1.3
890236		<5	4	72	136			0.2
890237		<5	5	79	3861			0.3
890238		<5	5	20	117			<0.1
890239		<5	17	557	>20000	5.7	5.41	0.7
890240		<5	5	41	898			<0.1
890241		<5	4	54	1734			<0.1
890242		<5	5	76	3816			0.2
890243		<5	12	174	11089		1.14	0.2
890244		<5	6	29	294			0.2
890245		<5	5	63	388			<0.1
890246		<5	5	38	539			<0.1
890247		<5	5	45	258			<0.1

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CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-63043.0 (COMPLET) DATE RECU: 23-AUG-00 DATE DE L'IMPRESSION: 29-AUO-00

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Pb PPM	Zn PPM	ZnOL PCT	Zn PCT	Ag PPM
890248		<5	5	26	30			<0.1
890249		<5	13	536	17659		1.71	0.5
890250		<5	4	32	386			<0.1
890251		<5	4	13	606			<0.1
890252		<5	5	57	44			<0.1
890253		<5	5	35	42			<0.1
890254		<5	5	20	13			<0.1
890255		<5	7	70	86			0.2
890256		<5	4	9	36			<0.1
890257		<5	4	13	59			<0.1
890258		<5	4	29	125			0.2
890259		<5	5	10	34			<0.1
890260		<5	5	10	96			<0.1
890261		<5	5	42	145			<0.1
890262		<5	4	59	1331			0.2
890263		<5	6	160	45			0.3
890264		<5	5	29	20			0.2

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CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-63046.0 (COMPLET) DATE RECU: 23-AUG-00 DATE DE L'IMPRESSION: 5-SEP-00

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Pb PPM	Zn PPM	Zn PCT	Ag PPM
890097		<5	36	226	9528	0.92	0.7
890098		<5	15	27	199		0.2
890099		<5	14	45	754		0.2
890100		<5	24	548	4892		0.6
890101		<5	8	28	1591		0.2
890102		<5	10	226	1033		0.1
890103		6	34	47	111		0.1
890104		<5	9	31	53		<0.1
890105		<5	17	1365	16923	1.65	0.6
890106		<5	39	481	15962	1.56	0.6
890107		<5	35	48	87		<0.1
890108		<5	16	120	42		0.2
890109		<5	20	79	2951		0.2
890110		<5	22	214	2900		<0.1
890111		<5	11	142	509		0.2
890112		<5	40	455	1020		<0.1
890113		<5	17	10	77		<0.1
890114		<5	70	66	270		0.2
890115		<5	72	9	124		0.2
890116		<5	52	11	119		<0.1
890117		<5	47	56	1104		<0.1
890118		<5	52	16	110		<0.1
890119		<5	53	13	138		<0.1
890120		<5	52	26	363		<0.1
890121		<5	74	8	80		<0.1
890122		<5	67	21	39		<0.1
890123		<5	104	11	139		0.3
890124		<5	13	10	43		<0.1
890125		<5	42	6	62		<0.1
890126		<5	121	4	64		<0.1
890127		<5	116	5	61		<0.1
890128		<5	41	3	48		<0.1
890129		<5	66	11	77		<0.1
890130		<5	59	10	54		<0.1
890131		<5	49	14	65		<0.1
890132		<5	28	57	33		<0.1
890133		<5	25	10	110		<0.1
890134		<5	38	21	62		<0.1
890135		<5	97	6	85		<0.1
890136		<5	86	7	94		<0.1

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CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-63046.0 (COMPLET) DATE RECU: 23-AUG-00 DATE DE L'IMPRESSION: 5-SEP-00 PAGE 2 DE 5

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Pb PPM	Zn PPM	Zn PCT	Ag PPM
890137		<5	109	3	43		<0.1
890138		<5	41	9	99		<0.1
890139		<5	370	6	83		0.2
890140		<5	30	18	71		<0.1
890141		<5	50	16	64		0.2
890142		<5	51	8	64		0.1
890143		<5	114	4	62		<0.1
890144		<5	120	3	92		<0.1
890145		<5	88	6	109		<0.1
890146		<5	245	27	830		0.3
890147		<5	179	23	548		0.3
890148		<5	105	9	255		<0.1
890149		<5	87	7	202		<0.1
890150		<5	123	17	394		0.2
890151		<5	172	28	176		0.5
890152		<5	244	22	608		0.3
890153		<5	212	31	526		0.3
890154		10	203	35	620		0.5
890155		<5	88	14	126		<0.1
890156		16	127	30	271		0.2

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CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-63047.0 (COMPLET) DATE RECU: 23-AUG-00 DATE DE L'IMPRESSION: 1-SEP-00 PAGE 1 DE 4

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Pb PPM	Zn PPM	Ag PPM
890157		15	242	33	367	0.5
890158		50	234	31	328	0.6
890159		19	152	28	827	0.5
890160		10	88	28	665	0.3
890161		11	219	28	848	0.4
890162		18	131	27	970	0.6
890163		17	169	32	848	0.5
890164		28	95	34	791	0.4
890165		8	124	19	550	0.5
890166		10	156	13	402	0.4
890167		18	105	21	1047	0.4
890168		83	283	46	2097	1.1
890169		11	277	23	580	0.5
890170		23	220	44	528	0.7
890171		37	156	70	308	0.9
890172		49	134	84	540	1.3
890173		50	103	104	544	1.5
890174		48	147	97	361	1.4
890175		6	226	10	852	0.6
890176		27	99	56	1013	0.9
890177		19	175	29	705	0.7
890178		18	84	29	777	0.8
890179		17	149	33	1305	0.9
890180		21	101	34	969	0.7
890181		18	204	31	1231	0.9
890182		25	76	39	1429	0.7
890183		30	135	32	1370	0.6
890184		18	285	20	536	0.4
890185		25	81	36	1584	0.6
890186		22	142	31	937	0.6
890187		7	45	17	80	0.2
890188		13	24	9	51	<0.1
890189		10	26	13	47	<0.1
890190		9	39	15	61	0.2
890191		7	31	13	59	0.3
890192		<5	53	10	69	0.2
890193		9	36	20	51	0.2
890194		7	41	84	131	0.4
890195		<5	30	20	91	<0.1
890196		<5	41	16	99	<0.1

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Certificat D'Analyse
Assay Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-63047.0 (COMPLET) DATE RECU: 23-AUG-00 DATE DE L'IMPRESSION: 1-SEP-00

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Pb PPM	Zn PPM	Ag PPM
890197		<5	26	17	104	<0.1
890198		6	41	32	106	<0.1
890199		<5	28	18	96	<0.1
890200		<5	30	17	96	0.3
890201		6	33	27	95	<0.1
890202		<5	38	28	89	<0.1
890203		<5	70	20	81	0.2
890204		<5	13	<2	66	0.2
890205		<5	94	4	67	<0.1
890206		<5	7	6	18	<0.1
890207		<5	67	7	100	<0.1

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2000 – Prospection : Noranda

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Rapport Lab Geochimie
Geochemical Lab Report

RAPPORT: COO-61912.0 (COMPLET)

RÉFÉRENCE: 148675

CLIENT: MINES ET EXPLORATION NORANDA INC.

SOUMIS PAR: S.TREPANIER

PROJET: 1504

DATE RECU: 21-JUN-00 DATE DE L'IMPRESSION: 7-JUL-00

DATE APPROUVÉ	COMMANDE	ÉLÉMENT	NOMBRE D'ANALYSES	LIMITE INFÉRIEURE DE DETECTION	EXTRACTION	MÉTHODE
000628	1 Au30	Or	36	5 PPB	Pyro Analyse de 30g 30g Pyroanalyse - A	
000628	2 Ag	Argent	36	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	3 Cu	Cuivre	36	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	4 Pb	Plomb	36	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	5 Pb	Plomb	1	0.01 PCT	HF-HNO3-HCLO4-HCL	ABSORPTION ATOMIQUE
000628	6 Zn	Zinc	36	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	7 Mo	Molybdene	36	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	8 Ni	Nickel	36	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	9 Co	Cobalt	36	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	10 Cd	Cadmium	36	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	11 Bi	Bismuth	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	12 As	Arsenic	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	13 Sb	Antimoine	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	14 Fe Tot	Fer Total	36	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	15 Mn	Manganese	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	16 Te	Tellure	36	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	17 Ba	Barium	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	18 Cr	Chrome	36	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	19 V	Vanadium	36	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	20 Sn	Etain	36	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	21 W	Tungstene	36	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	22 La	Lanthane	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	23 Al	Aluminum	36	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	24 Mg	Magnesium	36	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	25 Ca	Calcium	36	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	26 Na	Sodium	36	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	27 K	Potassium	36	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	28 Sr	Strontium	36	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	29 Y	Yttrium	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	30 Ga	Gallium	36	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	31 Li	Lithium	36	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	32 Nb	Niobium	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	33 Sc	Scandium	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	34 Ta	Tantale	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	35 Ti	Titane	36	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000628	36 Zr	Zirconium	36	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA

DATE APPROUVÉ	COMMANDE	ÉLÉMENT	NOMBRE D'ANALYSES	LIMITE INFÉRIEURE DE DETECTION	EXTRACTION	MÉTHODE
000628	37 S	Soufre	36	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM
000628	38 Be	Beryllium	36	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM
000628	39 P	Phosphore	36	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM
000628	40 U	Uranium	36	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM

TYPES D'ÉCHANTILLONS	NOMBRE	FRACTION UTILISÉE	NOMBRE	PRÉP. DE L'ÉCHAN.	NOMBRE
ROCHE	36	-150	36	CONCASSER, PULVERISE	36
				CONCASSER 95% -10 M.	36

COPIES DU RAPPORT À: MICHEL DESSUREAULT

FACTURE À: MICHEL DESSUREAULT

****
Ce rapport ne doit être reproduit que dans sa totalité. Les données présentées dans ce rapport sont exprimées sur base sèche sauf indication contraire et ne concernent que les échantillons reçus, identifiés par le numéro d'échantillon.
****

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CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-61912.0 (COMPLET) DATE RECU : 21-JUN-00 DATE DE L'IMPRESSION: 7-JUL-00 PAGE 1A(1/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Pb PCT	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
37960B		8	1.1	1060	27		810	13	252	29	5.7	<5	6	<5	>10.00	38	<25	66	38	45	<20	<20	17	1.49	0.15	0.03	0.03	0.73	9	<5	<10	11	<5	<5	18	0.09	33	>10.00
888501		72	1.7	311	50		294	16	175	94	2.5	<5	<5	<5	>10.00	138	27	129	92	87	<20	<20	28	3.29	0.50	0.16	0.69	0.95	21	6	<10	18	<5	<5	5	0.10	75	>10.00
888502		<5	0.8	681	116		1691	17	297	99	6.4	<5	12	<5	>10.00	52	47	78	82	95	<20	<20	17	2.45	0.38	0.04	0.34	0.91	11	<5	<10	12	<5	<5	12	0.13	52	>10.00
888503		10	0.8	533	5		83	19	135	166	<1.0	<5	<5	<5	>10.00	312	35	12	127	118	<20	<20	12	3.76	1.10	0.26	1.45	0.05	29	8	<10	12	11	7	<5	0.27	70	>10.00
888504		13	0.9	698	83		375	10	222	71	1.5	<5	5	34	>10.00	35	<25	82	90	60	<20	<20	17	2.19	0.33	0.05	0.25	0.75	11	<5	<10	13	<5	<5	<5	0.06	46	>10.00
888505		7	1.4	162	36		380	18	62	525	1.3	<5	191	28	>10.00	58	37	97	233	87	<20	<20	16	4.12	0.61	0.11	0.61	1.27	21	<5	<10	14	<5	7	<5	0.10	66	>10.00
888506		99	<0.5	102	66		307	15	83	85	1.2	<5	138	<5	>10.00	45	40	89	261	71	<20	<20	15	2.85	0.33	0.21	0.49	0.87	17	<5	<10	10	<5	<5	<5	0.09	55	>10.00
888507		17	0.6	258	47		365	16	92	79	2.1	<5	148	<5	>10.00	26	<25	56	254	83	<20	<20	13	2.92	0.33	0.05	0.51	0.87	25	<5	<10	12	<5	6	18	0.14	60	>10.00
888508		6	<0.5	319	3		70	7	68	52	<1.0	<5	7	<5	>10.00	1236	<25	<5	244	42	<20	<20	8	1.55	0.66	0.18	0.01	0.03	19	<5	<10	15	<5	<5	<5	<.01	<5	8.969
888509		23	0.7	76	42		310	25	49	45	<1.0	<5	82	10	>10.00	61	29	181	167	181	<20	<20	32	5.61	0.47	0.18	0.68	1.74	42	8	<10	15	35	6	8	0.26	129	>10.00
888510		<5	<0.5	484	25		101	19	213	28	<1.0	<5	<5	<5	>10.00	346	43	188	143	164	<20	<20	18	4.41	2.00	0.33	0.38	1.12	12	13	<10	23	26	8	9	0.34	111	>10.00
888511		17	1.9	603	34		370	9	243	90	1.8	<5	<5	6	>10.00	155	26	114	107	61	<20	<20	17	2.65	0.31	0.41	0.34	0.89	24	<5	<10	7	<5	<5	13	0.06	47	>10.00
888512		29	0.7	149	41		193	16	62	73	<1.0	<5	160	13	>10.00	72	53	70	241	77	<20	<20	12	3.36	0.50	0.12	0.36	0.98	22	<5	<10	10	<5	6	<5	0.11	55	>10.00
888513		8	<0.5	399	33		1407	27	141	75	8.0	<5	41	11	>10.00	1075	27	180	216	246	<20	<20	35	5.12	0.86	0.98	0.17	1.85	49	9	<10	15	28	8	<5	0.23	78	>10.00
888601		<5	<0.5	196	23		218	14	123	108	<1.0	<5	84	<5	>10.00	178	<25	182	259	115	<20	<20	28	5.08	0.52	0.77	0.35	1.88	28	8	<10	11	8	9	<5	0.21	94	>10.00
888602		<5	0.8	110	9		47	9	61	50	<1.0	<5	23	25	>10.00	35	<25	<5	206	21	<20	<20	9	0.25	0.12	0.02	0.01	0.06	7	<5	<10	5	<5	<5	<5	0.02	13	8.354
888603		<5	<0.5	66	9		85	14	38	8	<1.0	<5	5	<5	3.40	39	<25	16	249	64	<20	<20	13	0.40	0.15	0.05	0.01	0.12	10	<5	<10	7	6	<5	<5	0.03	19	2.981
888604		<5	<0.5	43	13		27	8	27	25	<1.0	<5	8	<5	8.81	1661	<25	<5	252	14	<20	<20	10	0.12	1.46	3.56	<.01	0.02	64	<5	<10	5	<5	<5	<5	<.01	6	3.956
888605		8	0.6	56	17		52	7	19	10	<1.0	<5	5	5	>10.00	3437	<25	<5	183	29	<20	<20	8	0.51	2.85	5.43	<.01	0.02	111	6	<10	11	<5	<5	28	<.01	<5	3.891
888606		12	<0.5	347	26		282	19	178	19	1.1	<5	5	7	>10.00	140	<25	134	184	137	<20	<20	25	4.05	0.32	0.05	0.10	1.52	24	<5	<10	15	12	6	5	0.18	50	>10.00
888607		5	0.7	45	6		632	6	26	16	<1.0	<5	6	<5	>10.00	2049	<25	40	252	406	<20	<20	10	8.73	5.84	0.14	0.19	0.73	12	5	16	84	35	28	<5	0.73	73	0.481
888608		140	1.1	163	87		226	15	93	77	<1.0	<5	150	<5	>10.00	68	<25	63	225	83	<20	<20	9	3.66	0.60	0.05	0.86	0.71	18	6	<10	16	<5	7	8	0.13	63	>10.00
888609		10	<0.5	132	17		671	16	68	57	2.4	<5	39	9	>10.00	1922	<25	84	266	60	<20	<20	18	2.19	1.19	1.58	0.04	0.87	54	<5	<10	13	<5	<5	5	0.13	25	8.999
888651		7	1.1	499	13		411	13	151	38	2.0	<5	<5	7	>10.00	136	<25	132	237	60	<20	<20	15	2.58	0.47	0.33	0.08	1.03	17	<5	<10	10	<5	<5	18	0.07	43	>10.00
888652		<5	0.6	36	<2		252	3	14	8	<1.0	<5	98	<5	>10.00	410	<25	101	116	253	<20	<20	<5	6.23	3.24	0.03	0.04	1.03	8	<5	13	53	16	7	<5	0.03	6	0.311
888653		47	1.6	388	45		224	16	81	40	1.4	<5	138	<5	>10.00	271	<25	66	279	106	<20	<20	24	3.66	1.13	0.44	0.04	0.82	18	9	<10	33	10	7	<5	0.21	54	>10.00
888654		<5	<0.5	110	7		108	9	56	34	<1.0	<5	14	<5	9.09	1329	<25	348	160	362	<20	<20	8	7.53	3.85	2.64	3.45	0.28	34	23	<10	16	32	34	<5	1.01	47	2.581
888655		46	2.7	581	62		309	13	371	32	1.9	<5	8	<5	>10.00	<5	<25	56	69	48	<20	<20	17	1.74	0.16	0.01	0.06	0.62	10	<5	<10	10	<5	<5	14	0.08	34	>10.00
888701		32	2.4	327	69		408	15	280	28	2.3	<5	10	<5	>10.00	36	<25	120	117	85	<20	<20	25	3.78	0.40	0.02	0.05	1.70	15	7	<10	16	<5	6	18	0.22	78	>10.00
888702		24	3.3	779	11		94	10	209	101	<1.0	<5	6	<5	>10.00	68	<25	159	136	95	<20	<20	40	4.35	0.72	0.10	0.33	1.58	24	9	<10	11	11	7	6	0.16	179	>10.00

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-61912.0 (COMPLET) DATE RECU : 21-JUN-00 DATE DE L'IMPRESSION: 7-JUL-00 PAGE 1B(2/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
379608		1.0	235	40
888501		1.7	277	26
888502		<1.0	287	27
888503		<1.0	241	29
888504		1.1	231	27
888505		1.0	200	21
888506		<1.0	215	<20
888507		<1.0	193	65
888508		<1.0	57	<20
888509		1.4	302	<20
888510		1.2	440	44
888511		<1.0	237	30
888512		<1.0	195	45
888513		2.9	330	24
888601		1.2	256	<20
888602		<1.0	131	<20
888603		<1.0	149	34
888604		<1.0	77	<20
888605		<1.0	77	<20
888606		1.2	203	25
888607		1.5	784	29
888608		<1.0	184	26
888609		<1.0	165	<20
888651		<1.0	204	<20
888652		<1.0	393	28
888653		<1.0	313	<20
888654		1.1	497	<20
888655		<1.0	157	46
888701		2.6	192	26
888702		1.4	245	43

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: COO-61912.0 (COMPLET) DATE RECU : 21-JUN-00 DATE DE L'IMPRESSION: 7-JUL-00 PAGE 2A(3/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Pb PCT	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
888703		8	2.1	782	380		1839	15	312	55	12.9	<5	16	<5	>10.00	25	26	68	87	59	<20	<20	20	1.58	0.42	0.05	0.04	0.59	10	<5	<10	7	<5	<5	15	0.06	33	>10.00
888704		<5	26.5	20	>10000	1.28	10	7	10	2	1.3	39	12	7	2.81	44	37	48	237	24	<20	<20	7	1.00	0.06	0.01	0.31	0.29	14	<5	<10	5	<5	<5	<5	0.05	13	0.501
888705		6	3.4	111	1687		15	6	80	13	<1.0	<5	<5	11	7.72	43	<25	<5	267	3	<20	<20	7	0.12	0.01	0.03	0.03	0.02	9	<5	<10	2	<5	<5	<5	<.01	<5	5.815
888706		6	<0.5	60	26		87	9	41	117	<1.0	<5	7	<5	>10.00	6568	<25	46	177	41	<20	<20	10	0.68	1.96	0.61	0.01	0.14	11	<5	<10	7	<5	<5	<5	0.01	<5	6.160
888707		14	<0.5	479	20		251	35	117	38	<1.0	<5	10	<5	>10.00	1862	31	211	351	338	<20	<20	19	7.05	2.62	0.18	0.05	0.98	15	14	<10	38	57	15	18	1.21	123	8.313
888708		18	<0.5	85	36		126	22	53	12	<1.0	<5	9	<5	>10.00	806	<25	125	142	332	<20	<20	22	5.23	1.22	0.10	0.04	1.41	14	18	13	28	78	9	6	0.47	205	6.574

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-61912.0 (COMPLET) DATE RECU : 21-JUN-00 DATE DE L'IMPRESSION: 7-JUL-00 PAGE 2B(4/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
888703		<1.0	251	25
888704		<1.0	85	26
888705		<1.0	111	22
888706		<1.0	432	47
888707		2.2	866	56
888708		2.4	592	<20

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-61912.0 (COMPLET) DATE RECU : 21-JUN-00 DATE DE L'IMPRESSION: 7-JUL-00 PAGE 4A(7/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Pb PCT	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
888502		<5	0.8	681	116		1691	17	297	99	6.4	<5	12	<5	>10.00	52	47	78	82	95	<20	<20	17	2.45	0.38	0.04	0.34	0.91	11	<5	<10	12	<5	<5	12	0.13	52	>10.00
Duplicata			1.5	680	110		1686	19	295	100	5.4	<5	8	<5	>10.00	51	34	97	78	94	<20	<20	17	2.42	0.38	0.04	0.35	0.91	10	<5	<10	11	<5	<5	11	0.14	52	>10.00
888606		12	<0.5	347	26		282	19	178	19	1.1	<5	5	7	>10.00	140	<25	134	184	137	<20	<20	25	4.05	0.32	0.05	0.10	1.52	24	<5	<10	15	12	6	5	0.18	50	>10.00
Duplicata			0.7	348	22		288	20	186	20	1.1	<5	<5	<5	>10.00	145	32	132	170	137	<20	<20	25	4.21	0.32	0.05	0.10	1.53	21	<5	<10	13	12	6	<5	0.19	48	>10.00

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-61912.0 (COMPLET) DATE RECU : 21-JUN-00 DATE DE L'IMPRESSION: 7-JUL-00 PAGE 4B(8/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
888502		<1.0	287	27
Duplicata		<1.0	259	35
888606		1.2	203	25
Duplicata		1.4	214	40

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: COO-62165.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 24-JUL-00 PAGE 1A(1/ 6)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Ag PPM	Cu PPM	Cu PCT	Pb PPM	Pb PCT	Pb PCT	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM
379678		<5	<.5	10		81			35		31	27	12	<1.0	<5	17	<5	>10.00	16	<25	<5	267	4	<20	<20	<5	<.01	<.01	0.02	0.02	0.01	3	<5	<10	<2	<5	<5
379688		<5	<.5	7		66			29		4	19	2	<1.0	<5	<5	<5	1.69	66	<25	43	266	7	<20	<20	<5	0.24	0.04	0.01	0.01	0.13	<1	<5	<10	<2	<5	<5
379698		6	<.5	20		555			>20000	2.84	16	29	7	27.7	<5	23	<5	4.42	352	<25	145	167	18	<20	57	6	0.17	4.12	6.34	0.01	0.11	29	<5	<10	<2	<5	<5
888520		31	2.7	617		163			758		12	331	70	4.4	<5	<5	<5	>10.00	216	<25	87	110	60	<20	<20	16	3.15	0.97	0.67	0.11	1.01	17	<5	<10	7	<5	<5
888521		45	2.5	1051		215			1960		27	289	45	10.3	<5	<5	<5	>10.00	71	<25	65	136	157	<20	<20	9	3.88	0.96	0.06	0.10	1.15	20	9	<10	11	15	8
888522		65	<.5	110		32			324		17	89	70	2.1	<5	177	<5	>10.00	45	<25	44	232	81	<20	<20	10	3.83	0.47	0.16	0.63	1.02	18	5	<10	6	<5	6
888523		<5	6.1	10		>10000	>15.00	19.22	422		3	11	2	6.3	<5	8	16	2.54	24	<25	7	225	6	<20	<20	<5	0.08	0.01	0.01	0.01	0.06	1	<5	<10	<2	<5	<5
888554		<5	0.9	104		597			43		2	78	36	<1.0	<5	<5	<5	9.06	1505	<25	167	259	281	<20	<20	8	6.28	2.61	4.67	0.25	2.31	126	<5	<10	5	21	32
888555		34	4.0	383		98			64		16	302	70	1.1	<5	<5	<5	>10.00	97	<25	78	92	70	<20	<20	19	3.23	0.67	0.11	0.21	1.05	13	<5	<10	8	<5	<5
888556		<5	<.5	36		49			45		3	31	10	<1.0	<5	<5	<5	3.48	1548	<25	27	212	7	<20	<20	7	0.25	0.87	2.05	0.05	0.08	86	7	<10	<2	<5	<5
888557		31	1.3	5146	0.54	44			129		4	1375	144	1.4	<5	10	<5	>10.00	1245	<25	23	180	219	<20	<20	7	7.63	4.69	6.10	1.35	0.16	87	14	<10	10	15	27
888618		<5	<.5	17		51			195		7	13	3	<1.0	<5	8	<5	2.32	190	<25	<5	168	5	<20	<20	<5	0.04	2.65	3.95	0.01	0.01	22	<5	<10	<2	<5	<5
888662		13	<.5	9		32			29		3	14	3	<1.0	<5	30	<5	2.56	42	<25	6	293	5	<20	<20	<5	0.06	0.02	0.06	0.01	0.03	<1	<5	<10	<2	<5	<5
888663		12	<.5	424		30			449		16	181	56	2.3	<5	38	<5	>10.00	124	<25	95	185	89	<20	<20	27	4.07	0.80	0.12	0.20	1.33	14	6	<10	14	<5	6
888664		<5	<.5	59		27			102		4	21	20	<1.0	<5	<5	<5	>10.00	5078	<25	<5	63	2	<20	<20	7	0.03	2.66	0.53	<.01	0.02	6	14	<10	<2	<5	<5
888665		7	0.8	690		11			368		17	262	94	2.1	<5	<5	<5	>10.00	84	<25	35	76	55	<20	<20	14	2.79	0.49	0.06	0.63	0.63	13	<5	<10	6	<5	<5
888666		25	0.8	1046		32			198		14	131	62	3.0	<5	<5	8	>10.00	438	<25	80	143	78	<20	<20	14	3.94	0.87	0.08	0.07	1.41	4	6	<10	17	<5	6
888667		24	2.3	596		223			169		14	240	83	1.6	<5	<5	6	>10.00	53	<25	61	78	44	<20	<20	10	2.11	0.37	0.02	0.04	0.81	6	<5	<10	7	<5	<5
888668		19	0.6	293		35			296		16	305	27	2.0	<5	<5	<5	>10.00	22	<25	72	88	61	<20	<20	8	2.65	0.42	0.03	0.26	0.86	9	<5	<10	9	<5	<5
888669		<5	0.9	362		41			51		3	180	173	<1.0	<5	6	<5	>10.00	375	<25	33	287	7	<20	<20	<5	0.26	0.37	0.91	0.04	0.10	90	<5	<10	<2	<5	<5
888720		<5	0.6	396		10			41		6	387	91	1.0	<5	<5	<5	>10.00	279	<25	9	64	14	<20	<20	9	0.92	0.32	0.05	0.19	0.13	16	<5	<10	<2	<5	<5
888721		<5	1.3	4308		6			38		3	203	201	<1.0	<5	<5	6	>10.00	78	<25	<5	305	4	<20	<20	5	<.01	<.01	<.01	<.01	<.01	2	<5	<10	<2	<5	<5
888722		7	<.5	57		14			143		3	73	47	<1.0	<5	9	<5	>10.00	2163	<25	80	237	568	<20	<20	7	8.80	2.23	1.07	1.86	0.78	112	8	13	33	47	44

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62165.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 24-JUL-00 PAGE 1B(2/ 6)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM	P PPM	U PPM
37967B		<5	<.01	<5	>10.00	<1.0	92	32
37968B		<5	<.01	7	1.358	<1.0	13	38
37969B		<5	<.01	7	5.549	<1.0	128	<20
888520		6	0.08	55	>10.00	<1.0	304	75
888521		<5	0.17	79	>10.00	<1.0	405	56
888522		<5	0.12	66	>10.00	<1.0	198	65
888523		<5	<.01	<5	4.247	<1.0	32	24
888554		10	0.41	39	3.728	<1.0	320	<20
888555		23	0.14	70	>10.00	<1.0	239	69
888556		<5	<.01	5	0.242	<1.0	42	<20
888557		<5	0.46	27	2.825	<1.0	277	<20
888618		<5	<.01	6	0.824	<1.0	49	<20
888662		<5	<.01	<5	2.031	<1.0	173	35
888663		15	0.09	88	>10.00	<1.0	236	51
888664		<5	<.01	<5	2.492	2.7	562	32
888665		18	0.07	56	>10.00	<1.0	245	52
888666		21	0.19	65	>10.00	<1.0	198	46
888667		<5	0.08	40	>10.00	<1.0	217	73
888668		<5	0.06	60	>10.00	<1.0	252	75
888669		<5	<.01	8	8.958	<1.0	130	23
888720		16	0.03	9	>10.00	<1.0	201	46
888721		<5	<.01	<5	>10.00	<1.0	73	48
888722		7	1.03	10	0.316	1.5	159	<20

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: COO-62166.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 1A(1/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Pb PCT	Pb PCT	Zn PCT	Au30 PPB	Ag PPM	AgGrav PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM
37961B		<0.01		0.50	61	1.4		301	55	4681	51	134	5	34.1	<5	11	7	9.38	855	<25	155	181	716	<20	<20	40	2.65	0.81	1.07	0.04	1.04	45	36	<10	23
37962B		8.02		11.46	686	>200.0	257.8	286	>10000	>20000	3	39	14	308.3	<5	5462	319	>10.00	157	48	28	208	16	<20	34	8	0.75	0.13	0.11	0.17	0.25	26	<5	<10	2
37963B		0.03		2.23	<5	1.2		12	432	>20000	10	7	4	35.7	<5	21	<5	3.39	789	<25	30	50	21	<20	<20	6	0.19	8.32	>10.00	0.01	0.18	58	<5	<10	4
37964B		0.04		2.18	<5	1.0		12	393	>20000	20	10	4	43.7	<5	17	17	5.22	509	<25	28	125	12	<20	<20	<5	0.27	4.72	7.67	0.01	0.20	33	<5	<10	6
37965B		0.07		2.48	<5	0.9		17	398	>20000	24	13	4	27.8	<5	24	<5	3.12	958	<25	33	40	39	<20	<20	6	0.13	7.68	>10.00	0.01	0.19	51	<5	<10	4
379668		>15.00	52.20	10.79	<5	6.0		14	>10000	>20000	<1	11	2	153.6	<5	16	39	3.41	43	86	<5	108	3	<20	31	<5	<.01	0.28	0.48	0.01	0.02	6	<5	<10	<2
888514		0.26		2.07	10	1.1		10	2580	>20000	14	21	12	34.2	<5	31	<5	3.95	431	<25	7	142	7	<20	<20	<5	<.01	4.96	7.95	0.01	<.01	31	<5	<10	<2
888515		>15.00	23.20	0.67	<5	106.8		122	>10000	6705	1	19	4	16.2	<5	14	115	1.03	36	<25	<5	305	15	<20	<20	6	<.01	0.07	0.12	0.01	<.01	7	<5	<10	<2
888516		1.78		3.20	37	6.5		102	>10000	>20000	29	24	10	70.0	<5	73	<5	7.61	307	<25	38	199	37	<20	<20	5	0.14	4.11	6.56	0.01	0.13	24	<5	<10	<2
888517		>15.00	26.45	8.76	8	14.9		23	>10000	>20000	74	53	13	181.6	<5	57	90	>10.00	343	83	<5	102	12	<20	36	<5	0.02	2.36	3.87	0.01	0.03	26	<5	<10	<2
888518		0.21		0.67	<5	3.8		18	2169	6477	17	14	8	10.6	<5	39	<5	>10.00	175	<25	11	273	6	<20	<20	7	<.01	0.91	1.47	0.01	0.03	12	<5	<10	<2
888519		3.24		10.50	<5	5.2		17	>10000	>20000	<1	14	3	300.6	<5	18	43	2.57	199	64	7	219	5	<20	<20	<5	0.03	1.29	2.12	0.01	0.05	10	<5	<10	2
888551		0.08		0.62	12	1.1		53	721	5726	21	21	15	14.0	<5	43	<5	>10.00	29	<25	<5	250	2	<20	<20	7	<.01	0.02	0.04	0.01	0.03	6	<5	<10	<2
888552		0.51		3.54	30	5.1		56	4582	>20000	61	54	21	87.4	<5	131	5	8.46	624	<25	58	80	159	<20	<20	<5	0.13	6.39	>10.00	<.01	0.11	52	<5	<10	3
888553		8.08		32.74	20	21.7		31	>10000	>20000	20	39	8	516.2	<5	39	160	9.16	268	155	40	73	16	<20	171	<5	<.01	1.99	3.24	<.01	0.03	21	<5	<10	<2
888610		<0.01		0.11	31	0.8		209	231	1098	15	86	64	4.2	<5	210	<5	>10.00	42	<25	37	212	81	<20	<20	16	3.62	0.58	0.05	0.75	1.15	24	6	<10	12
888611		<0.01		0.05	36	<0.5		168	134	395	4	116	37	<1.0	<5	<5	<5	>10.00	6600	<25	<5	129	42	<20	<20	13	1.05	1.17	2.46	0.03	0.03	68	9	<10	7
888612		<0.01		0.05	46	<0.5		202	73	300	6	67	20	1.1	<5	<5	<5	>10.00	7197	<25	<5	141	42	<20	<20	9	0.85	1.41	3.92	0.12	0.05	94	5	<10	4
888613		0.03		0.08	8	0.6		276	248	613	23	361	84	1.0	<5	<5	<5	>10.00	251	<25	<5	183	91	<20	<20	23	1.02	0.56	0.06	0.02	0.09	8	<5	<10	8
888614		<0.01		0.05	8	2.2		420	31	371	9	170	112	1.7	<5	5	<5	>10.00	129	<25	77	162	49	<20	<20	15	2.22	0.83	0.03	0.05	0.98	16	<5	<10	14
888615		<0.01		0.02	<5	<0.5		63	50	116	15	33	7	<1.0	<5	<5	<5	4.39	175	<25	68	413	68	<20	<20	42	1.68	0.98	0.14	0.04	0.51	9	10	<10	15
888616		<0.01		0.02	<5	<0.5		69	92	132	3	34	16	<1.0	<5	6	<5	>10.00	1228	<25	10	286	17	<20	<20	8	0.15	0.48	0.52	0.02	0.07	14	<5	<10	<2
888617		<0.01		0.02	<5	1.2		170	21	110	3	141	66	<1.0	<5	<5	<5	>10.00	1805	<25	<5	183	3	<20	<20	7	0.05	0.47	0.30	0.05	0.02	13	<5	<10	<2
888656		<0.01		0.02	<5	<0.5		124	38	123	1	69	29	<1.0	<5	<5	<5	9.88	1152	<25	109	291	227	<20	<20	11	4.66	0.62	1.34	0.78	0.91	96	<5	<10	22
888657		<0.01		0.08	14	<0.5		376	29	647	11	47	49	4.3	<5	17	<5	>10.00	17014	<25	<5	222	140	<20	<20	14	0.93	0.90	1.66	0.04	0.11	38	12	<10	12
888658		5.53		9.16	695	>200.0	238.6	337	>10000	>20000	8	25	13	204.4	<5	2278	303	>10.00	163	80	<5	213	4	21	49	<5	<.01	<.01	0.06	0.01	0.01	2	<5	<10	<2
888659		0.01		0.43	6	1.2		655	141	4381	21	186	20	18.7	<5	12	<5	>10.00	417	<25	213	152	138	<20	<20	39	4.82	1.17	1.11	0.90	1.39	32	8	<10	12
888660		<0.01		0.02	<5	0.9		244	36	106	3	230	65	<1.0	<5	<5	<5	>10.00	233	<25	<5	145	3	<20	<20	6	0.09	0.06	0.02	0.04	0.03	8	<5	<10	<2
888661		<0.01		0.03	38	1.3		339	30	86	6	143	793	3.1	<5	376	<5	>10.00	5720	<25	<5	113	10	<20	<20	20	0.16	0.47	3.35	0.05	0.07	60	8	<10	<2
888709		0.02		0.05	7	1.0		45	148	349	14	20	9	1.1	<5	30	<5	7.96	296	28	408	116	184	<20	<20	33	8.96	0.72	0.02	0.13	2.79	37	11	19	35

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62166.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 1B(2/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM	P PPM	U PPM
37961B		62	<5	<5	0.08	54	4.269	2.4	2867	25
37962B		<5	<5	7	0.04	15	>10.00	<1.0	124	27
37963B		<5	<5	7	<.01	<5	3.559	<1.0	56	<20
37964B		<5	<5	<5	<.01	<5	4.583	<1.0	120	<20
37965B		<5	<5	<5	<.01	<5	2.529	<1.0	87	<20
37966B		<5	<5	7	<.01	<5	>10.00	<1.0	21	<20
888514		<5	<5	<5	<.01	<5	3.548	<1.0	83	<20
888515		<5	<5	<5	<.01	<5	4.463	<1.0	<10	<20
888516		<5	<5	<5	<.01	6	7.547	<1.0	80	<20
888517		<5	<5	<5	<.01	5	>10.00	<1.0	91	<20
888518		<5	<5	18	<.01	<5	>10.00	<1.0	81	<20
888519		<5	<5	<5	<.01	<5	6.589	<1.0	60	<20
888551		<5	<5	15	<.01	<5	>10.00	<1.0	158	55
888552		9	<5	11	<.01	<5	9.205	<1.0	111	<20
888553		<5	<5	11	<.01	<5	>10.00	<1.0	91	<20
888610		6	6	<5	0.19	83	>10.00	<1.0	198	43
888611		<5	<5	12	0.01	8	9.753	<1.0	1462	<20
888612		<5	<5	19	0.03	14	8.440	<1.0	848	<20
888613		<5	<5	<5	0.05	46	>10.00	<1.0	443	31
888614		<5	<5	<5	0.09	32	>10.00	<1.0	228	44
888615		18	6	<5	0.25	112	2.413	1.1	800	<20
888616		<5	<5	<5	<.01	8	3.517	<1.0	150	<20
888617		<5	<5	<5	<.01	<5	>10.00	<1.0	152	<20
888656		15	25	26	0.19	29	1.882	<1.0	308	<20
888657		6	<5	19	0.02	17	2.428	<1.0	2326	<20
888658		<5	<5	<5	<.01	<5	>10.00	<1.0	99	<20
888659		11	9	5	0.14	88	>10.00	<1.0	451	<20
888660		<5	<5	<5	<.01	5	>10.00	<1.0	222	36
888661		<5	<5	17	0.02	12	>10.00	<1.0	557	<20
888709		39	20	7	0.68	172	0.322	3.0	601	36

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62166.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 2B(4/10)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM	P PPM	U PPM
888710		58	9	<5	0.04	20	1.604	2.3	43	33
888711		<5	<5	<5	<.01	<5	8.902	<1.0	71	<20
888712		<5	<5	<5	<.01	<5	>10.00	<1.0	82	<20
888713		<5	<5	<5	<.01	<5	>10.00	<1.0	63	<20
888714		<5	<5	<5	<.01	<5	>10.00	<1.0	102	<20
888715		52	18	25	0.20	114	0.138	3.0	201	51
888716		<5	<5	<5	<.01	<5	>10.00	<1.0	130	<20
888717		<5	<5	<5	<.01	<5	0.265	<1.0	49	<20
888718		<5	<5	10	<.01	<5	>10.00	<1.0	206	<20
888719		<5	<5	<5	<.01	9	9.390	<1.0	121	<20

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62335.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 1A(1/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuDup1 PPB	Ag PPM	Ag PPM	Cu PPM	Pb PPM	Pb PCT	Zn PPM	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM
888524		43		10.2		2215	1185		9574	0.89	20	283	55	20.5	<5	541	7	>10.00	23	<25	41	174	31	<20	34	<5	0.54	0.07	0.04	0.04	0.20	5	<5	<10	3
888525		505		>200.0	250.5	354	>10000	7.75	>20000	16.23	8	57	47	417.4	<5	7648	387	>10.00	118	136	<5	217	12	<20	929	<5	0.09	0.01	0.12	0.02	0.04	<1	<5	<10	2
888558		34		<0.5		599	153		1335		15	307	93	5.5	<5	11	<5	>10.00	112	42	76	89	83	<20	<20	16	2.95	0.48	0.10	1.01	0.73	9	<5	<10	12
888559		89		0.8		267	104		1407		12	161	247	5.5	<5	242	25	>10.00	153	<25	69	171	48	<20	<20	14	1.53	0.24	0.16	0.05	0.61	5	<5	<10	8
888560		8		<0.5		656	90		611		19	273	118	3.0	<5	13	<5	>10.00	33	<25	131	97	99	<20	<20	25	3.39	0.36	0.05	0.14	1.59	9	9	<10	18
888619		1498	1384	>200.0	299.6	182	>10000	8.68	>20000	10.15	4	47	24	227.1	<5	9219	455	>10.00	87	124	25	269	23	29	554	<5	0.38	0.03	<.01	0.02	0.15	4	<5	<10	2
888620		892		116.1		101	>10000	2.98	>20000	2.62	4	18	7	56.3	<5	3443	178	9.63	42	43	192	380	172	55	135	6	3.52	0.14	0.01	0.17	1.46	12	<5	12	7
888621		88		10.1		19	2608		705		3	16	3	1.5	<5	429	13	2.52	34	<25	584	429	339	111	<20	9	6.43	0.27	0.02	0.30	1.76	22	<5	16	13
888622		319		53.7		399	>10000	1.13	>20000	2.12	6	39	23	52.4	<5	285	54	>10.00	1576	42	169	249	125	29	115	<5	2.71	3.20	7.27	0.10	0.99	93	6	<10	6
888623		170		3.3		233	1213		1373		5	88	43	4.0	<5	170	20	>10.00	151	<25	170	346	319	<20	<20	6	5.97	0.94	0.89	0.26	2.15	35	<5	15	22
888624		7		<0.5		134	33		212		4	122	42	<1.0	<5	15	22	>10.00	425	<25	104	285	369	<20	<20	<5	7.68	4.62	0.63	1.62	0.78	43	<5	11	86
888625		254		2.1		83	185		230		16	107	122	<1.0	<5	275	21	>10.00	47	<25	17	197	83	<20	<20	6	3.20	0.32	0.12	0.24	1.15	9	<5	<10	11
888626		9		<0.5		178	65		114		3	63	17	<1.0	<5	57	<5	>10.00	8336	25	<5	167	22	<20	<20	10	0.32	1.52	3.86	0.02	0.02	73	<5	<10	5
888627		23		0.5		931	123		404		13	252	29	2.4	<5	6	17	>10.00	118	28	122	136	93	<20	<20	11	3.43	0.62	0.07	0.07	1.22	15	<5	<10	15
888628		11		<0.5		416	104		1785		17	139	115	15.5	<5	6	<5	>10.00	593	<25	187	193	155	<20	<20	21	3.97	0.75	1.56	1.35	0.47	35	18	<10	11
888629		1125		>200.0	294.3	272	>10000	8.95	>20000	17.66	5	49	16	482.7	<5	>10000	482	>10.00	84	120	<5	210	11	<20	1011	<5	0.06	<.01	0.04	0.02	0.03	3	<5	<10	<2
888670		34		<0.5		68	156		580		12	73	75	2.6	<5	173	7	>10.00	115	31	37	367	113	<20	<20	17	4.74	0.55	0.37	0.52	1.60	24	6	<10	11
888671		212		3.1		96	1369		2666		2	85	45	5.0	<5	279	<5	>10.00	115	<25	111	318	220	<20	<20	6	4.68	0.27	0.39	0.26	1.96	17	<5	<10	9
888672		1620	1268	>200.0	326.9	150	>10000	8.80	13361	1.22	9	37	24	24.1	<5	5517	357	>10.00	28	<25	15	315	17	33	71	<5	0.23	<.01	<.01	0.02	0.10	<1	<5	<10	<2
888673		414		>200.0	266.4	2185	>10000	8.57	>20000	13.19	19	35	14	276.8	<5	164	342	>10.00	92	93	<5	234	12	29	678	<5	0.09	<.01	0.05	0.01	0.03	3	<5	11	<2
888674		32		3.7		2617	466		6724	0.62	23	222	146	18.7	<5	12	15	>10.00	124	<25	21	165	92	<20	29	10	2.16	0.15	0.07	0.30	0.62	20	<5	<10	4
888675		<5		1.9		218	1007		1321		2	51	21	1.6	<5	7	<5	>10.00	676	<25	121	300	336	<20	<20	<5	7.66	3.50	0.61	1.09	0.67	12	<5	14	59
888676		6		<0.5		41	38		499		14	76	81	1.5	<5	296	<5	>10.00	43	<25	52	337	107	<20	<20	10	4.21	0.44	0.17	0.26	1.67	13	5	<10	17
888677		<5		<0.5		127	77		163		7	113	48	<1.0	<5	20	<5	9.62	1460	<25	195	341	312	<20	<20	<5	6.90	2.52	4.19	1.43	1.40	88	6	13	30
888678		15		<0.5		304	62		1371		14	180	42	5.1	<5	<5	<5	>10.00	233	<25	109	192	172	<20	<20	15	2.88	0.28	1.61	0.89	0.66	32	7	<10	6
888679		15		0.7		738	130		1763		16	313	130	6.2	<5	18	<5	>10.00	42	34	84	64	83	<20	<20	11	2.25	0.32	0.04	0.26	0.92	8	<5	<10	12

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62335.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 1B(2/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM	P PPM	U PPM
888524		<5	<5	13	0.03	10	>10.00	<1.0	112	24
888525		<5	<5	<5	<.01	<5	>10.00	<1.0	14	<20
888558		<5	<5	8	0.08	74	>10.00	<1.0	225	56
888559		<5	<5	17	0.05	33	>10.00	<1.0	229	43
888560		<5	5	<5	0.15	93	>10.00	1.1	305	78
888619		<5	<5	<5	0.02	<5	>10.00	<1.0	38	31
888620		11	19	<5	0.26	27	>10.00	<1.0	41	<20
888621		31	35	<5	0.62	48	1.794	1.1	31	<20
888622		<5	16	<5	0.15	21	>10.00	<1.0	82	<20
888623		21	32	8	0.52	53	9.253	<1.0	372	<20
888624		28	42	<5	0.37	42	2.452	<1.0	301	35
888625		<5	<5	<5	0.10	58	>10.00	<1.0	160	39
888626		<5	<5	<5	<.01	<5	>10.00	<1.0	283	<20
888627		<5	6	13	0.14	68	>10.00	<1.0	235	39
888628		20	10	<5	0.26	83	>10.00	<1.0	367	<20
888629		<5	<5	7	<.01	<5	>10.00	<1.0	89	<20
888670		5	9	<5	0.18	102	>10.00	<1.0	218	35
888671		13	25	6	0.31	46	>10.00	<1.0	258	29
888672		<5	<5	<5	<.01	<5	>10.00	<1.0	56	33
888673		<5	<5	<5	<.01	<5	>10.00	<1.0	<10	<20
888674		<5	<5	21	0.07	44	>10.00	<1.0	295	56
888675		25	39	<5	0.28	57	1.174	<1.0	352	26
888676		<5	8	14	0.12	102	>10.00	1.3	291	52
888677		23	34	<5	0.19	39	4.106	<1.0	293	<20
888678		11	10	<5	0.08	53	>10.00	<1.0	320	<20
888679		<5	<5	16	0.11	58	>10.00	<1.0	236	78

CHIMITEC
BONDAR CLEGG

Certificat D'Analyse
Assay Lab Report

RAPPORT: C00-63042.0 (COMPLET) RÉFÉRENCE:

CLIENT: MINES ET EXPLORATION NORANDA INC. SOUMIS PAR: S.TREPANIER
PROJET: 1504 DATE RECU: 23-AUG-00 DATE DE L'IMPRESSION: 5-SEP-00

DATE APPROUVÉ	COMMANDE	ÉLÉMENT		NOMBRE D'ANALYSES	LIMITE INFÉRIEURE DE DETECTION	EXTRACTION	MÉTHODE
000829	1	Au30	Or	25	5 PPB	Pyro Analyse de 30g	30g Pyroanalyse - AA
000829	2	Cu	Cuivre	25	1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000829	3	Pb	Plomb	25	2 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000829	4	Pb	Plomb	5	0.01 PCT	HF-HNO3-HCLO4-HCL	ABSORPTION ATOMIQUE
000829	5	Zn	Zinc	25	1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000829	6	Ag	Argent	25	0.1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000829	7	AgOL	Argent,semiquant.	5	1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000829	8	Ag	Argent	5	0.7 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE

TYPES D'ÉCHANTILLONS	NOMBRE	FRACTION UTILISÉE	NOMBRE	PRÉP. DE L'ÉCHAN.	NOMBRE
ROCHE	25	-150	25	CONCASSER, PULVERISE	25
				CONCASSER 95% -10 M.	25

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TD

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Certificat D'Analyse
Assay Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-63042.0 (COMPLET) DATE RECU: 23-AUG-00 DATE DE L'IMPRESSION: 5-SEP-00

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Cu PPM	Pb PPM	Pb PCT	Zn PPM	Ag PPM	AgOL PPM	Ag PPM
888723		<5	39	19		63	<0.1		
888724		16	251	242		1573	1.8		
888725		11	466	233		2889	1.8		
888726		7	664	8		1098	1.2		
888727		<5	62	17		61	0.3		
888728		<5	137	6		85	<0.1		
888729		<5	85	7		57	<0.1		
888730		<5	93	8		70	<0.1		
888731		<5	4	4		30	<0.1		
888732		9	35	53		41	0.7		
888733		<5	17	4		25	0.3		
888734		<5	149	6		35	0.2		
888735		<5	65	8		47	<0.1		
888736		<5	69	11		103	0.2		
888737		<5	13	4		22	0.3		
888738		<5	21	4		343	<0.1		
888739		<5	10	3		73	<0.1		
888740		1316	3005	>10000	4.97	2076	>50.0	240	252.5
888741		4122	3223	>10000	1.51	3379	>50.0	85	90.7
888742		443	489	>10000	1.85	4288	>50.0	61	67.6
888743		5	131	40		61	0.4		
888744		1411	25	>10000	5.60	166	>50.0	320	343.0
888745		1546	14	>10000	10.86	108	>50.0	390	667.1
888746		11	863	130		289	1.4		
888747		79	265	75		4354	4.9		

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2000 – Soils : Noranda

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

RAPPORT: COO-62129.0 (COMPLET) RÉFÉRENCE: 148687

CLIENT: MINES ET EXPLORATION NORANDA INC. SOUMIS PAR: S.TREPANIER

PROJET: 1504 DATE RECU: 04-JUL-00 DATE DE L'IMPRESSION: 27-SEP-00

DATE APPROUVÉ	COMMANDE	ÉLÉMENT	NOMBRE D'ANALYSES	LIMITE INFÉRIEURE DE DETECTION	EXTRACTION	MÉTHODE
000728	1 Au30	Or	112	5 PPB	Pyro Analyse de 30g	30g Pyroanalyse - A
000728	2 AuPds1	Poids d'echantillon	112	0.01 GM	PYRO ANALYSE	PYROANALYSE-AA
000728	3 Ag	Ag - IC30	112	0.5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	4 Cu	Cu - IC30	112	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	5 Pb	Pb - IC30	112	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	6 Zn	Zn - IC30	112	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	7 Mo	Mo - IC30	112	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	8 Ni	Ni - IC30	112	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	9 Co	Co - IC30	112	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	10 Cd	Cd - IC30	112	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	11 Bi	Bi - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	12 As	As - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	13 Sb	Sb - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	14 Fe Tot	Fe - IC30	112	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	15 Mn	Mn - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	16 Te	Te - IC30	112	25 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	17 Ba	Ba - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	18 Cr	Cr - IC30	112	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	19 V	V - IC30	112	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	20 Sn	Sn - IC30	112	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	21 W	W - IC30	112	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	22 La	La - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	23 Al	Al - IC30	112	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	24 Mg	Mg - IC30	112	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	25 Ca	Ca - IC30	112	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	26 Na	Na - IC30	112	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	27 K	K - IC30	112	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	28 Sr	Sr - IC30	112	1 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	29 Y	Y - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	30 Ga	Ga - IC30	112	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	31 Li	Li - IC30	112	2 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	32 Nb	Nb - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	33 Sc	Sc - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	34 Ta	Ta - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	35 Ti	Ti - IC30	112	0.01 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	36 Zr	Zr - IC30	112	5 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASMA
000728	37 S	S - IC30	112	0.002 PCT	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM
000728	38 Be	Be - IC30	112	1.0 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM
000728	39 P	P - IC30	112	10 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM
000728	40 U	U - IC30	112	20 PPM	HF-HNO3-HCLO4-HCL	INDUC. COUP. PLASM

TYPES D'ÉCHANTILLONS	NOMBRE	FRACTION UTILISÉE	NOMBRE	PRÉP. DE L'ÉCHAN.	NOMBRE
SOL	112	-80	112	SECHAGE, TAMIS -80	112

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CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62129.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 27-SEP-00 PAGE 1A(1/14)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
888751		<5	32.78	<.5	14	90	1091	2	15	10	1.7	<5	15	<5	8.60	1375	<25	424	41	56	<20	<20	25	4.56	0.63	1.54	0.86	1.58	114	9	<10	21	<5	<5	<5	0.19	81
888752		<5	32.17	<.5	15	296	6545	5	15	10	5.8	<5	8	<5	5.08	1783	<25	544	42	74	<20	<20	21	5.11	0.78	1.05	0.80	2.08	101	23	<10	23	9	6	11	0.21	206
888753		<5	30.18	<.5	7	68	137	2	13	8	<1.0	<5	17	<5	3.42	1018	<25	607	46	80	<20	<20	22	4.82	1.80	2.69	0.64	2.17	78	23	<10	26	9	5	5	0.21	285
888754		<5	30.07	<.5	5	119	798	1	7	7	<1.0	<5	21	<5	4.14	948	<25	695	26	71	<20	<20	19	5.16	0.56	0.61	0.42	2.38	51	24	<10	28	8	<5	<5	0.20	435
888755		<5	31.26	2.9	667	>10000	12952	16	18	12	41.8	<5	203	<5	>10.00	1270	<25	31	<2	20	<20	21	14	0.58	3.47	5.69	0.07	0.15	40	18	<10	7	<5	<5	<5	0.02	21
888756		10	30.81	<.5	14	562	2341	7	11	5	3.6	<5	18	<5	4.02	679	<25	219	20	36	<20	<20	13	2.22	6.19	>10.00	0.25	1.04	78	10	<10	16	<5	<5	<5	0.07	56
888757		<5	30.42	<.5	6	76	1256	<1	16	11	1.0	<5	9	<5	4.61	635	<25	588	38	69	<20	<20	20	6.50	1.23	1.62	1.18	1.76	150	15	<10	39	10	6	<5	0.26	248
888758		<5	31.08	0.9	9	37	6326	2	14	6	4.7	<5	6	<5	2.89	474	<25	410	19	44	<20	<20	20	5.02	4.25	6.52	0.86	1.85	141	12	<10	22	8	<5	<5	0.17	169
888759		<5	30.69	<.5	6	132	1031	2	16	11	<1.0	<5	14	<5	5.96	2148	<25	444	40	56	<20	<20	24	4.45	0.86	1.72	0.71	1.99	77	32	<10	49	6	5	<5	0.20	226
888760		<5	31.01	<.5	7	73	2397	3	8	5	5.4	<5	12	<5	3.21	773	<25	197	9	23	<20	<20	9	1.78	4.60	7.16	0.08	1.33	44	6	<10	21	<5	<5	<5	0.07	70
888761		<5	31.21	<.5	13	171	2928	<1	21	6	1.2	<5	<5	<5	3.02	308	<25	657	57	59	<20	<20	27	5.24	0.81	1.23	2.09	1.95	224	11	<10	16	7	6	<5	0.24	206
888762		<5	30.08	<.5	21	4833	5918	21	21	14	25.0	<5	39	<5	>10.00	7745	<25	299	21	87	<20	<20	31	3.26	2.02	3.73	0.14	1.85	35	41	<10	22	5	<5	<5	0.11	140
888763		<5	30.72	<.5	15	41	833	2	22	9	<1.0	<5	8	<5	3.51	413	<25	634	53	71	<20	<20	24	6.66	0.88	1.35	1.79	1.87	216	12	<10	23	9	7	<5	0.27	205
888764		<5	31.19	<.5	19	12	1186	<1	21	10	<1.0	<5	6	<5	3.51	444	<25	727	40	68	<20	<20	34	7.15	1.07	1.67	2.02	1.80	261	13	<10	19	12	8	<5	0.30	134
888765		<5	30.90	<.5	7	125	990	6	16	8	<1.0	<5	15	<5	4.39	638	<25	607	51	102	<20	<20	21	5.80	0.98	1.26	0.93	2.15	119	20	<10	33	11	6	<5	0.23	311
888766		<5	31.15	0.5	23	321	9296	21	21	10	34.9	<5	24	<5	>10.00	1000	<25	272	13	31	<20	<20	15	2.63	3.09	5.68	0.39	1.22	82	13	<10	12	<5	<5	11	0.08	127
888767		<5	30.13	<.5	5	154	3619	3	15	8	1.9	<5	20	<5	5.09	1036	<25	465	21	75	<20	<20	21	4.64	1.75	2.73	0.46	2.01	71	20	<10	26	7	<5	<5	0.16	192
888768		<5	32.84	<.5	22	576	5972	10	18	14	37.9	<5	14	<5	>10.00	774	<25	370	17	37	<20	<20	16	3.80	0.49	1.51	0.70	1.15	108	10	<10	7	<5	<5	11	0.14	104
888769		<5	31.63	<.5	5	127	370	2	15	15	<1.0	<5	21	<5	4.78	523	<25	949	73	152	<20	<20	20	9.23	1.21	0.65	0.31	2.42	33	11	15	93	17	8	9	0.36	232
888770		<5	31.25	1.0	7	286	512	6	12	12	1.3	<5	50	<5	4.57	1242	<25	142	6	19	<20	<20	14	1.21	8.87	>10.00	0.05	0.80	81	15	<10	12	<5	<5	<5	0.05	25
888771		<5	30.87	<.5	3	702	1122	4	4	5	2.4	<5	5	<5	1.61	750	<25	139	<2	16	<20	<20	12	1.43	9.81	>10.00	0.05	0.89	69	8	<10	25	<5	<5	<5	0.05	71
888772		<5	30.08	<.5	5	73	2558	3	16	11	2.2	<5	19	<5	2.97	797	<25	483	32	50	<20	<20	25	5.59	5.54	7.39	0.28	2.13	71	7	<10	59	8	<5	7	0.20	89
888773		<5	30.10	<.5	10	16	101	<1	16	9	<1.0	<5	<5	<5	3.21	1251	<25	498	34	49	<20	<20	27	4.98	2.66	4.18	0.75	1.69	111	20	<10	39	7	5	<5	0.18	118
888774		<5	30.44	0.7	46	45	99	<1	37	9	<1.0	<5	8	<5	3.49	993	<25	514	41	51	<20	<20	28	4.14	0.88	2.13	0.98	1.62	107	15	<10	27	8	7	6	0.20	111
888775		<5	30.87	<.5	9	73	3348	<1	19	9	5.0	<5	<5	<5	3.59	618	<25	652	47	62	<20	<20	21	5.80	0.90	1.86	1.94	1.94	231	12	<10	14	10	7	<5	0.26	183
888776		<5	30.72	<.5	12	6	1547	<1	18	8	2.9	<5	<5	<5	3.19	340	<25	746	40	60	<20	<20	25	7.07	0.92	1.59	2.11	1.93	273	11	<10	15	8	7	<5	0.28	150
888777		<5	31.10	<.5	16	14	1090	1	20	11	<1.0	<5	<5	<5	3.77	402	<25	692	51	66	<20	<20	32	7.12	1.01	1.68	1.96	1.79	251	13	<10	19	9	8	<5	0.29	141
888778		<5	30.46	<.5	18	<2	78	<1	26	14	<1.0	<5	6	<5	4.10	1172	<25	740	57	84	<20	<20	45	7.39	1.28	1.53	1.88	1.90	246	17	13	28	13	10	9	0.37	148
888779		<5	31.75	<.5	11	4	44	<1	21	9	<1.0	<5	6	<5	3.14	390	<25	718	42	61	<20	<20	24	5.95	0.88	1.51	2.14	2.15	244	10	<10	17	10	7	<5	0.30	175
888780		<5	30.70	<.5	19	13	62	2	24	11	<1.0	<5	<5	<5	3.46	687	<25	767	43	68	<20	<20	27	5.70	1.08	1.37	2.20	2.02	217	12	<10	25	12	7	<5	0.30	162

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	S PCT	Be PPM	P PPM	U PPM
888751		0.082	1.2	630	<20
888752		0.036	1.7	510	32
888753		0.039	1.6	1265	<20
888754		0.023	1.5	471	<20
888755		9.428	<1.0	1122	<20
888756		0.170	<1.0	1015	<20
888757		0.027	1.8	352	<20
888758		0.065	1.4	1059	<20
888759		0.049	2.1	1939	<20
888760		0.090	<1.0	495	<20
888761		0.018	1.6	810	<20
888762		0.182	1.6	3524	<20
888763		0.028	1.6	665	<20
888764		0.028	1.7	906	<20
888765		0.034	1.6	1223	<20
888766		0.223	<1.0	1329	<20
888767		0.033	1.5	1210	<20
888768		0.056	<1.0	1649	21
888769		0.023	2.3	240	<20
888770		0.065	<1.0	10495	<20
888771		0.075	<1.0	1013	<20
888772		0.039	1.5	822	<20
888773		0.050	1.6	1173	<20
888774		0.081	1.9	1180	<20
888775		0.037	1.6	878	<20
888776		0.021	1.6	765	<20
888777		0.039	1.7	844	<20
888778		0.034	1.8	933	<20
888779		0.020	1.6	854	<20
888780		0.012	1.9	776	<20

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CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: COO-62129.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 27-SEP-00 PAGE 2A(3/14)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
888781		<5	30.18	<.5	20	12	198	<1	29	13	<1.0	<5	<5	<5	4.20	634	<25	715	55	84	<20	<20	32	6.38	1.27	1.56	1.90	1.96	219	14	<10	27	15	8	<5	0.36	158
888782		<5	31.96	<.5	14	10	628	2	22	10	<1.0	<5	<5	<5	3.52	540	<25	711	48	69	<20	<20	27	5.96	1.04	1.64	1.94	1.99	224	12	<10	19	12	7	<5	0.32	183
888783		<5	30.03	<.5	6	52	343	1	16	11	<1.0	<5	7	<5	6.31	1356	<25	481	40	83	<20	<20	20	6.55	1.07	1.09	1.01	1.54	122	11	<10	47	12	6	<5	0.28	124
888784		<5	32.95	<.5	7	68	1103	4	14	8	2.6	<5	18	<5	3.18	726	<25	395	30	43	<20	<20	21	4.17	5.98	9.31	0.85	1.42	152	11	<10	15	<5	<5	<5	0.14	126
888785		<5	30.19	0.9	3	56	1976	11	13	9	1.6	<5	62	<5	4.83	799	<25	325	11	43	<20	<20	16	2.39	8.36	>10.00	0.03	1.46	62	11	<10	20	<5	<5	<5	0.06	118
888786		<5	30.21	<.5	32	47	6690	4	32	16	7.4	<5	16	<5	3.92	1307	<25	455	47	66	<20	<20	23	5.64	1.49	2.74	0.28	2.42	49	15	<10	33	5	8	5	0.19	80
888787		<5	30.88	<.5	26	18	2863	<1	33	12	3.9	<5	<5	<5	3.80	504	<25	598	61	77	<20	<20	26	5.38	1.30	1.84	1.71	2.20	177	13	<10	26	10	8	<5	0.31	120
888788		<5	31.87	<.5	5	19	203	<1	10	7	<1.0	<5	6	<5	3.91	828	<25	821	36	97	<20	<20	10	4.87	0.83	0.66	0.50	2.42	48	8	<10	63	9	<5	<5	0.19	118
888789		<5	31.75	<.5	17	<2	72	<1	30	12	<1.0	<5	<5	<5	3.77	757	<25	675	56	77	<20	<20	30	6.47	1.29	1.75	1.69	2.12	217	14	<10	22	13	8	<5	0.31	132
888790		<5	32.17	<.5	16	7	54	<1	27	11	<1.0	<5	<5	<5	3.48	379	<25	726	56	68	<20	<20	31	6.24	1.00	1.38	1.98	2.19	237	13	<10	20	10	7	11	0.28	139
888791		<5	30.26	<.5	10	17	52	1	28	14	<1.0	<5	28	<5	7.04	1535	<25	575	47	73	<20	<20	25	6.61	1.13	1.24	1.51	1.74	208	15	<10	40	9	7	<5	0.24	100
888792		<5	30.16	<.5	14	18	120	<1	8	4	<1.0	<5	<5	<5	3.17	936	<25	766	27	33	<20	<20	10	4.86	1.46	1.31	0.34	2.11	47	8	<10	116	<5	<5	8	0.19	71
888793		<5	30.72	<.5	9	<2	39	<1	16	7	<1.0	<5	<5	<5	2.70	281	<25	748	32	51	<20	<20	21	7.07	0.70	1.27	2.14	2.13	278	10	<10	16	7	6	9	0.24	131
888794		<5	30.10	<.5	11	<2	42	<1	18	9	<1.0	<5	<5	<5	3.31	450	<25	725	34	65	<20	<20	20	6.91	0.83	1.27	1.99	2.19	262	11	<10	22	10	7	<5	0.28	152
888795		<5	30.09	<.5	11	10	43	<1	18	7	<1.0	<5	<5	<5	3.44	358	<25	761	36	63	<20	<20	21	7.26	0.78	1.41	2.22	2.23	297	12	<10	16	10	7	<5	0.29	160
888796		<5	30.87	<.5	32	<2	95	<1	31	14	<1.0	<5	7	<5	5.01	1146	<25	584	69	82	<20	<20	42	6.55	1.35	1.79	1.25	1.94	192	15	<10	30	11	9	5	0.28	150
888797		<5	11.77	<.5	18	6	92	1	18	12	<1.0	<5	<5	<5	3.15	660	<25	496	39	78	<20	<20	17	5.26	0.87	1.25	1.37	1.88	180	8	<10	21	13	6	6	0.40	176
888798		<5	30.91	<.5	17	13	47	<1	18	10	<1.0	<5	<5	<5	3.56	513	<25	760	42	66	<20	<20	25	6.64	0.95	1.60	2.18	2.28	282	11	<10	16	11	7	<5	0.29	123
888799		<5	30.93	<.5	16	9	46	<1	19	10	<1.0	<5	<5	<5	3.38	499	<25	757	41	55	<20	<20	27	6.73	0.84	1.52	2.16	2.28	285	11	<10	15	7	7	<5	0.26	121
888800		<5	30.75	<.5	21	9	59	<1	26	13	<1.0	<5	6	<5	4.49	1263	<25	844	30	64	<20	<20	33	7.20	1.02	1.62	1.98	2.16	272	12	<10	20	9	8	6	0.29	107
888801		<5	31.63	<.5	9	28	72	1	19	13	<1.0	<5	13	<5	5.78	2452	<25	571	36	60	<20	<20	45	4.83	1.11	2.10	0.62	1.73	97	21	<10	34	<5	6	<5	0.18	110
888802		<5	30.04	<.5	12	8	210	1	21	11	<1.0	<5	<5	<5	3.43	1175	28	732	40	57	<20	<20	25	7.11	0.98	1.64	1.91	2.31	266	11	<10	20	9	7	<5	0.27	128
888803		<5	30.42	<.5	9	13	45	1	27	13	<1.0	<5	<5	<5	4.62	794	<25	612	59	80	<20	<20	29	7.18	1.15	1.44	1.59	1.83	221	14	<10	32	11	8	<5	0.31	149
888804		<5	30.78	<.5	20	5	57	<1	27	11	<1.0	<5	<5	6	3.84	511	<25	700	58	73	<20	<20	31	7.18	1.17	1.63	1.77	2.21	238	14	<10	21	11	8	<5	0.30	145
888805		<5	30.21	<.5	9	6	46	<1	21	9	<1.0	<5	<5	<5	3.76	381	<25	680	37	62	<20	<20	24	7.14	0.95	1.44	1.85	1.95	247	12	<10	22	10	7	7	0.28	146
888806		<5	30.41	<.5	11	18	34	<1	6	6	<1.0	<5	<5	<5	2.56	1553	<25	238	24	28	<20	<20	9	1.96	0.40	0.77	0.66	0.68	64	8	<10	18	<5	<5	9	0.12	63
888807		<5	30.45	<.5	26	11	350	<1	34	17	<1.0	<5	<5	<5	5.22	505	<25	676	71	100	<20	<20	45	5.85	1.61	1.29	1.49	2.21	174	18	<10	35	13	10	13	0.42	134
888808		<5	14.50	<.5	13	<2	248	35	23	35	<1.0	<5	15	<5	>10.00	9109	<25	742	12	9	<20	<20	6	0.41	0.14	1.00	0.05	0.08	33	<5	<10	<2	<5	<5	12	0.01	6
888809		<5	31.16	<.5	11	10	60	<1	19	9	<1.0	<5	<5	<5	3.42	567	<25	775	44	63	<20	<20	25	6.02	0.84	1.26	2.03	2.19	242	12	<10	19	10	7	<5	0.30	130
888810		<5	31.32	<.5	10	11	69	2	20	11	<1.0	<5	<5	<5	3.90	672	<25	717	43	76	<20	<20	29	6.71	0.97	1.52	1.75	2.18	229	13	<10	24	12	8	10	0.34	144

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	S PCT	Be PPM	P PPM	U PPM
888781		0.046	1.9	935	<20
888782		0.042	1.7	997	<20
888783		0.027	1.8	319	<20
888784		0.055	1.1	707	<20
888785		0.052	<1.0	4666	<20
888786		0.087	1.6	876	<20
888787		0.032	1.8	1019	<20
888788		0.018	1.7	195	<20
888789		0.025	1.7	867	<20
888790		0.020	1.7	791	<20
888791		0.022	1.9	320	<20
888792		0.049	2.3	629	<20
888793		0.023	1.6	626	<20
888794		0.034	1.7	803	<20
888795		0.013	1.6	875	<20
888796		0.075	1.8	1154	<20
888797		0.049	1.4	684	<20
888798		0.017	1.7	824	<20
888799		0.019	1.7	690	<20
888800		0.029	1.7	803	<20
888801		0.063	2.3	1109	<20
888802		0.056	1.6	801	<20
888803		0.023	1.8	299	<20
888804		0.029	1.7	982	<20
888805		0.021	1.7	1067	<20
888806		0.043	1.1	980	<20
888807		0.096	2.0	1256	<20
888808		0.162	<1.0	1215	40
888809		0.025	1.6	834	<20
888810		0.080	1.8	1150	<20

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RAPPORT: C00-62129.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 27-SEP-00 PAGE 3A(5/14)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
888811		<5	30.66	<.5	8	11	43	1	18	8	<1.0	<5	<5	<5	3.52	406	<25	734	37	65	<20	<20	26	6.94	0.88	1.34	1.98	2.17	255	12	<10	21	11	7	<5	0.29	130
888812		<5	32.47	<.5	12	<2	62	<1	21	8	<1.0	<5	<5	<5	4.05	418	<25	706	31	81	<20	<20	25	7.02	1.01	1.32	1.88	1.97	236	13	<10	26	13	8	<5	0.34	141
888813		<5	30.97	<.5	10	<2	48	<1	18	8	<1.0	<5	<5	<5	3.46	349	<25	720	23	65	<20	<20	27	6.96	0.85	1.48	2.07	1.94	273	13	<10	17	9	7	<5	0.32	157
888814		<5	31.67	<.5	17	11	61	<1	24	10	<1.0	<5	<5	<5	3.54	399	<25	807	39	74	<20	<20	31	6.73	1.00	1.22	2.08	2.09	244	14	<10	25	9	8	<5	0.33	158
888815		<5	30.59	<.5	17	12	94	<1	28	14	<1.0	<5	<5	<5	5.03	679	<25	750	48	90	<20	<20	28	7.48	1.21	1.07	1.74	2.21	220	16	<10	35	14	9	16	0.41	162
888816		<5	31.02	<.5	9	12	65	<1	23	9	<1.0	<5	<5	<5	4.02	442	<25	703	66	78	<20	<20	16	4.66	1.03	1.34	1.87	2.07	191	10	<10	20	14	7	<5	0.35	132
888817		<5	30.20	<.5	4	3	27	2	10	6	<1.0	<5	<5	<5	2.51	255	<25	788	28	57	<20	<20	13	6.47	0.55	1.08	2.21	2.02	276	8	<10	12	12	5	12	0.26	136
888818		<5	30.89	<.5	15	6	41	<1	15	7	<1.0	<5	<5	<5	3.03	499	<25	745	16	53	<20	<20	25	5.92	0.65	1.37	2.24	2.06	275	11	<10	10	9	6	<5	0.25	156
888819		<5	30.85	<.5	7	<2	31	<1	14	7	<1.0	<5	<5	<5	3.08	484	<25	754	30	55	<20	<20	18	6.87	0.57	1.27	2.26	2.00	310	9	<10	11	10	5	6	0.25	149
888820		<5	30.93	<.5	9	2	33	<1	14	6	<1.0	<5	<5	<5	3.09	432	<25	751	27	51	<20	<20	25	6.99	0.64	1.51	2.20	2.08	307	11	<10	10	7	6	<5	0.25	134
888821		<5	31.15	<.5	9	4	38	<1	15	9	<1.0	<5	<5	<5	3.00	485	<25	754	19	51	<20	<20	21	6.76	0.69	1.48	2.12	2.16	288	9	<10	11	10	6	5	0.24	137
888822		<5	30.82	<.5	59	16	70	2	20	10	<1.0	<5	<5	<5	3.26	1708	<25	720	52	51	<20	<20	23	5.50	1.04	2.16	1.74	2.08	215	10	<10	18	10	6	<5	0.26	83
888823		<5	30.25	<.5	13	14	56	1	17	12	<1.0	<5	<5	<5	3.57	4158	<25	695	42	52	<20	<20	21	3.92	0.84	1.47	1.90	1.76	174	9	<10	18	9	5	<5	0.25	112
888824		<5	31.00	<.5	13	10	48	<1	17	7	<1.0	<5	<5	<5	2.90	488	<25	762	45	55	<20	<20	24	5.22	0.84	1.41	2.17	1.71	234	11	<10	16	8	6	<5	0.26	140
888825		<5	30.95	<.5	17	8	65	<1	22	10	<1.0	<5	<5	<5	3.72	2489	<25	682	49	57	<20	<20	26	4.80	1.02	1.96	1.61	1.80	188	11	<10	18	10	6	<5	0.26	84
888826		<5	30.08	0.5	24	5	199	<1	27	10	<1.0	<5	<5	<5	3.58	767	<25	642	54	62	<20	<20	25	5.35	1.29	1.96	1.46	1.83	173	11	<10	28	7	8	<5	0.30	88
888827		<5	30.09	<.5	25	9	208	<1	25	13	<1.0	<5	<5	<5	3.92	1549	<25	616	49	62	<20	<20	25	5.24	1.31	2.15	1.30	1.73	169	10	<10	25	10	7	<5	0.28	72
888828		<5	30.57	<.5	17	7	190	<1	23	10	<1.0	<5	<5	<5	3.54	573	<25	660	40	60	<20	<20	27	5.88	1.07	1.79	1.49	1.89	197	13	<10	29	6	7	<5	0.25	133
888829		<5	32.64	<.5	2	<2	23	<1	10	5	<1.0	<5	<5	<5	1.87	211	<25	735	21	43	<20	<20	14	5.88	0.55	1.21	2.20	1.75	275	8	<10	13	7	5	<5	0.22	157
888830		<5	31.42	<.5	8	8	68	<1	22	8	<1.0	<5	<5	<5	4.31	406	<25	700	44	81	<20	<20	26	6.86	0.99	1.09	1.81	1.83	230	12	<10	29	13	8	<5	0.33	185
888831		<5	25.12	<.5	11	7	59	<1	19	9	<1.0	<5	<5	<5	3.66	527	<25	587	58	72	<20	<20	17	4.48	0.98	1.48	1.42	1.87	152	10	<10	28	16	7	<5	0.31	159
888832		6	26.57	<.5	53	<2	50	1	16	7	<1.0	<5	<5	<5	2.75	847	<25	732	35	51	<20	<20	21	6.18	0.67	1.29	2.15	1.92	276	14	<10	13	8	7	<5	0.23	169
888833		<5	11.53	<.5	31	18	84	3	23	14	<1.0	<5	<5	<5	6.11	782	<25	631	54	88	<20	<20	27	5.06	1.06	0.98	1.73	1.84	171	14	<10	30	11	8	6	0.32	132
888834		<5	30.50	<.5	9	11	41	<1	15	7	<1.0	<5	5	<5	2.65	272	<25	743	30	54	<20	<20	19	5.98	0.71	1.14	2.15	1.65	255	11	<10	16	9	6	<5	0.24	146
888835		<5	31.84	<.5	9	12	61	<1	19	10	<1.0	<5	<5	<5	3.50	382	<25	705	48	65	<20	<20	19	4.06	0.83	0.92	2.01	1.83	187	10	<10	21	11	5	<5	0.30	146
888836		<5	30.20	<.5	6	10	92	2	22	11	<1.0	<5	<5	<5	4.39	367	<25	680	51	83	<20	<20	22	6.14	1.21	1.23	1.74	1.95	204	13	10	25	11	8	<5	0.36	115
888837		<5	32.62	<.5	9	7	43	<1	16	6	<1.0	<5	<5	<5	3.02	349	<25	750	32	54	<20	<20	22	6.43	0.72	1.58	2.14	1.85	281	11	<10	12	10	6	<5	0.27	209
888838		<5	31.21	<.5	12	20	47	<1	17	9	<1.0	<5	<5	<5	3.10	533	<25	759	32	55	<20	<20	21	5.96	0.77	1.61	2.10	1.74	262	10	<10	12	11	6	<5	0.26	125
888839		<5	30.38	<.5	6	11	36	1	14	8	<1.0	<5	<5	<5	2.62	465	<25	726	25	47	<20	<20	17	6.08	0.70	1.59	2.10	1.94	273	9	<10	9	8	6	<5	0.24	155
888840		7	32.25	<.5	14	6	53	<1	16	9	<1.0	<5	<5	<5	3.57	446	<25	789	37	56	<20	<20	23	6.27	0.77	1.52	2.02	1.89	259	11	<10	16	10	6	<5	0.26	138

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	S PCT	Be PPM	P PPM	U PPM
888811		0.041	1.7	822	<20
888812		0.060	1.8	922	<20
888813		0.040	1.7	951	<20
888814		0.034	1.9	641	<20
888815		0.033	1.9	826	<20
888816		0.044	1.6	682	<20
888817		0.009	1.5	434	<20
888818		0.009	1.6	841	<20
888819		0.009	1.6	649	<20
888820		0.015	1.6	776	<20
888821		0.023	1.6	622	<20
888822		0.075	1.4	832	<20
888823		0.051	1.6	791	<20
888824		0.028	1.7	763	<20
888825		0.110	1.5	1158	<20
888826		0.112	1.6	1148	<20
888827		0.112	1.6	1117	<20
888828		0.061	1.6	744	<20
888829		0.022	1.5	557	<20
888830		0.024	1.8	515	<20
888831		0.064	1.6	747	<20
888832		0.027	1.6	669	<20
888833		0.062	1.8	771	<20
888834		0.016	1.7	707	<20
888835		0.016	1.8	637	<20
888836		0.035	1.8	1029	<20
888837		0.030	1.7	898	<20
888838		0.024	1.6	714	<20
888839		0.030	1.5	783	<20
888840		0.058	1.6	771	<20

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
888841		<5	31.28	2.1	4	15	25	6	8	7	<1.0	<5	12	<5	2.26	568	<25	144	4	75	<20	<20	11	1.34	>10.00	>10.00	0.08	0.69	103	7	<10	18	<5	<5	<5	0.05	61
888842		<5	31.61	<.5	20	14	47	<1	16	5	<1.0	<5	<5	<5	2.06	291	<25	673	37	51	<20	<20	21	3.81	0.69	1.53	1.96	1.86	181	11	<10	14	10	6	<5	0.27	122
888843		<5	30.57	<.5	15	14	51	1	17	6	<1.0	<5	<5	<5	2.65	645	<25	672	44	49	<20	<20	20	3.81	0.80	1.53	1.82	1.79	138	10	<10	13	9	6	<5	0.26	108
888844		<5	30.49	<.5	11	10	47	<1	13	9	<1.0	<5	<5	<5	2.68	397	<25	727	18	50	<20	<20	21	5.29	0.74	1.55	2.01	1.75	231	11	<10	14	10	6	<5	0.26	128
888845		<5	27.20	<.5	12	13	182	<1	18	13	<1.0	<5	<5	<5	3.57	746	<25	653	48	66	<20	<20	16	5.45	1.00	1.68	1.73	1.89	209	9	<10	26	10	7	<5	0.33	177
888846		<5	11.81	<.5	15	4	21	<1	7	5	<1.0	<5	<5	<5	1.25	541	<25	265	19	21	<20	<20	23	2.43	0.63	3.70	0.52	0.65	130	6	<10	6	<5	<5	<5	0.09	33
888847		<5	31.13	<.5	10	3	66	1	24	11	<1.0	<5	<5	<5	3.30	450	<25	729	41	73	<20	<20	28	5.59	1.01	1.08	1.87	1.78	205	14	<10	26	13	7	<5	0.33	151
888848		<5	30.37	<.5	8	8	77	<1	16	7	<1.0	<5	<5	<5	3.30	432	<25	657	41	58	<20	<20	19	6.08	0.81	1.51	1.82	1.80	233	11	<10	18	11	7	<5	0.26	123
888849		<5	31.00	<.5	6	18	99	<1	18	14	<1.0	<5	<5	<5	4.60	1656	<25	669	37	75	<20	<20	18	6.03	0.89	1.62	1.89	1.65	272	10	<10	20	12	7	<5	0.37	185
888850		<5	30.27	<.5	8	10	58	<1	17	7	<1.0	<5	<5	<5	2.62	308	<25	713	34	53	<20	<20	16	5.51	0.76	1.52	1.94	1.81	231	10	<10	14	9	6	<5	0.24	156
888851		<5	31.36	<.5	12	3	62	<1	16	9	<1.0	<5	<5	<5	2.42	342	<25	613	41	47	<20	<20	22	4.48	0.79	1.80	1.44	1.63	169	10	<10	16	8	6	<5	0.23	94
888852		<5	32.51	<.5	8	16	66	2	17	7	<1.0	<5	<5	<5	2.86	353	<25	745	34	58	<20	<20	19	5.47	0.82	1.36	2.04	1.77	226	10	<10	19	9	7	<5	0.30	137
888853		<5	30.80	<.5	6	13	39	<1	14	6	<1.0	<5	<5	<5	2.74	377	<25	700	31	54	<20	<20	16	4.76	0.68	1.29	2.12	1.99	231	9	<10	16	11	6	<5	0.26	175
888854		<5	32.66	<.5	9	11	32	<1	15	7	<1.0	<5	<5	<5	2.96	418	<25	777	24	55	<20	<20	19	5.89	0.64	1.38	2.40	1.70	293	10	<10	9	8	5	<5	0.24	176
888855		<5	30.49	<.5	8	9	42	2	14	8	<1.0	<5	<5	<5	3.15	407	<25	782	35	56	<20	<20	21	6.44	0.79	1.49	2.25	1.65	283	11	<10	11	10	6	<5	0.26	212
888856		<5	30.62	<.5	17	11	50	<1	18	8	<1.0	<5	<5	<5	2.92	1573	<25	732	27	51	<20	<20	23	5.44	0.83	1.44	1.98	1.85	231	11	<10	15	7	6	<5	0.24	114
888857		<5	30.21	<.5	8	4	45	<1	17	8	<1.0	<5	<5	<5	2.80	312	<25	753	28	52	<20	<20	20	5.65	0.77	1.38	2.10	1.81	246	10	<10	14	9	6	<5	0.25	148
888858		<5	30.42	<.5	9	7	44	<1	14	8	<1.0	<5	<5	<5	1.80	311	<25	728	19	45	<20	<20	19	5.68	0.71	1.50	2.04	1.72	251	10	<10	13	6	6	<5	0.23	141
888859		<5	30.97	<.5	10	14	3109	2	28	10	1.6	<5	<5	<5	3.49	430	<25	650	67	71	<20	<20	19	4.90	1.09	1.57	1.89	2.09	181	10	<10	22	9	7	<5	0.32	184
888860		<5	30.31	<.5	15	7	63	<1	25	11	<1.0	<5	<5	<5	3.81	445	<25	737	63	75	<20	<20	28	7.03	1.12	1.42	1.96	2.16	236	13	<10	22	12	9	<5	0.33	168
888861		<5	31.48	<.5	4	16	42	<1	21	9	<1.0	<5	<5	<5	3.13	323	<25	737	53	67	<20	<20	24	6.20	0.95	1.24	2.08	2.08	244	10	<10	19	10	7	<5	0.30	203
888862		<5	30.37	<.5	8	11	41	<1	15	7	<1.0	<5	<5	<5	3.13	954	<25	1090	49	55	<20	<20	17	4.21	0.91	1.20	0.54	2.10	51	8	<10	45	9	5	<5	0.25	105

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	S PCT	Be PPM	P PPM	U PPM
888841		0.058	<1.0	1012	<20
888842		0.063	1.6	989	<20
888843		0.093	1.4	940	<20
888844		0.044	1.5	814	<20
888845		0.032	1.5	223	<20
888846		0.135	<1.0	573	<20
888847		0.027	1.8	853	<20
888848		0.071	1.6	957	<20
888849		0.039	1.6	740	<20
888850		0.044	1.5	844	<20
888851		0.114	1.3	1011	<20
888852		0.036	1.6	625	<20
888853		0.019	1.6	595	<20
888854		0.007	1.7	805	<20
888855		0.012	1.7	834	<20
888856		0.034	1.5	782	<20
888857		0.042	1.6	790	<20
888858		0.076	1.5	712	<20
888859		0.037	1.6	661	<20
888860		0.018	1.8	686	<20
888861		0.006	1.7	549	<20
888862		0.052	1.9	687	<20

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RAPPORT: C00-62130.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 18-JUL-00 PAGE 1A(1/16)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
890501		<5	31.22	<.5	32	15	127	4	33	16	<1.0	<5	6	<5	8.34	3588	<25	550	57	79	<20	<20	26	6.72	0.91	0.78	1.37	2.33	168	7	<10	34	11	8	<5	0.32	130	0.023	2.0
890502		<5	31.72	<.5	23	11	109	3	26	13	<1.0	<5	8	<5	7.78	3008	<25	520	50	72	<20	<20	32	6.72	0.74	0.63	1.24	2.53	163	8	13	33	9	8	<5	0.30	133	0.019	2.1
890503		<5	30.43	<.5	17	14	114	3	36	16	<1.0	<5	<5	<5	9.00	4167	<25	494	72	80	<20	<20	25	7.42	1.00	0.52	0.98	2.79	113	8	11	43	10	9	<5	0.30	113	0.016	2.5
890504		9	31.67	<.5	14	<2	104	<1	26	11	<1.0	<5	<5	<5	>10.00	3941	<25	441	65	73	<20	<20	31	6.57	0.63	0.36	0.73	2.39	96	6	11	28	12	7	<5	0.30	120	0.032	2.0
890505		<5	31.58	<.5	28	12	143	3	25	13	<1.0	<5	7	<5	7.75	4170	<25	561	47	60	<20	<20	33	6.72	0.67	0.78	1.44	2.40	191	9	12	29	9	8	<5	0.28	163	0.019	2.1
890506		<5	30.81	<.5	10	8	61	1	18	6	<1.0	<5	<5	<5	3.91	752	<25	653	42	48	<20	<20	25	6.81	0.61	0.92	1.84	2.47	234	7	11	18	8	7	<5	0.25	146	0.027	1.9
890507		<5	31.39	<.5	16	12	117	2	24	11	<1.0	<5	<5	<5	7.01	2461	<25	559	63	67	<20	<20	28	7.07	0.75	0.67	1.34	2.51	170	8	15	31	10	8	<5	0.30	142	0.020	2.2
890508		<5	31.52	<.5	15	9	152	2	33	16	<1.0	<5	<5	<5	9.63	5933	<25	492	62	68	<20	<20	32	6.64	0.66	0.49	1.03	2.29	134	9	<10	34	10	8	<5	0.27	125	0.039	2.2
890509		<5	30.53	<.5	15	16	119	2	26	17	<1.0	<5	<5	<5	8.62	4045	<25	484	67	66	<20	<20	29	7.05	0.71	0.68	1.17	2.22	149	7	<10	29	9	8	<5	0.29	130	0.034	2.2
890510		<5	31.36	<.5	18	3	124	3	24	19	<1.0	<5	<5	<5	>10.00	7544	<25	368	50	85	<20	<20	31	5.39	0.68	0.47	0.68	2.01	92	6	<10	29	9	7	<5	0.26	115	0.036	1.9
890511		<5	32.56	<.5	18	<2	145	2	27	12	<1.0	<5	<5	<5	>10.00	4453	<25	329	54	78	<20	<20	31	6.33	0.68	0.35	0.39	1.84	43	7	15	30	11	8	<5	0.26	94	0.028	2.2
890512		<5	30.21	<.5	14	<2	150	4	26	31	<1.0	<5	10	<5	>10.00	2802	<25	235	30	284	<20	<20	16	6.36	1.60	1.44	1.05	1.19	69	18	14	23	28	24	<5	0.65	80	0.034	1.6
890513		<5	30.58	<.5	28	<2	74	2	28	18	<1.0	<5	7	<5	>10.00	4294	<25	425	67	96	<20	<20	29	6.69	0.83	0.42	0.45	2.92	60	9	17	37	12	11	<5	0.38	96	0.029	2.3
890514		<5	13.52	<.5	55	7	276	2	61	17	4.0	<5	<5	<5	6.94	3694	<25	308	42	52	<20	<20	35	5.21	0.70	0.98	0.32	2.64	58	12	<10	34	7	7	<5	0.18	53	0.828	2.0
890515		<5	11.56	0.5	53	8	77	3	19	10	<1.0	<5	<5	<5	>10.00	1289	<25	152	30	34	<20	<20	21	2.76	0.25	0.13	0.30	1.01	32	6	<10	12	<5	<5	<5	0.11	33	0.401	<1.0
890516		<5	30.88	<.5	40	9	389	4	43	14	<1.0	<5	9	<5	>10.00	506	<25	500	84	100	<20	<20	41	8.20	0.79	0.21	0.61	3.67	51	9	15	46	16	11	<5	0.36	139	0.333	2.3
890517		<5	31.03	<.5	20	19	97	2	28	12	<1.0	<5	14	<5	6.67	1696	<25	562	55	86	<20	<20	27	6.75	0.86	0.92	1.66	2.23	199	8	14	28	15	8	<5	0.33	175	0.028	2.0
890518		<5	32.12	<.5	24	<2	113	<1	27	13	<1.0	<5	<5	<5	6.60	1957	<25	541	64	92	<20	<20	26	6.62	0.82	0.69	1.29	2.35	161	6	13	26	13	9	<5	0.34	142	0.021	1.8
890519		6	31.59	<.5	11	18	43	3	22	10	<1.0	<5	8	<5	5.95	631	<25	587	50	69	<20	<20	26	6.72	0.65	1.05	1.71	2.14	218	7	13	18	11	7	<5	0.29	132	0.025	1.8
890520		<5	31.51	<.5	24	16	54	2	23	14	<1.0	<5	<5	<5	5.33	997	<25	574	33	86	<20	<20	27	7.06	0.77	1.12	1.77	1.96	218	11	13	20	13	10	<5	0.34	132	0.028	1.8
890521		<5	31.04	<.5	20	12	63	<1	24	9	<1.0	<5	11	<5	4.65	823	<25	644	39	64	<20	<20	25	6.88	0.72	1.10	2.08	2.31	257	8	12	18	10	8	<5	0.28	160	0.028	1.8
890522		<5	30.86	<.5	23	14	67	2	28	20	<1.0	<5	8	<5	6.14	1452	<25	550	43	146	<20	<20	25	7.00	1.05	1.21	1.77	2.01	205	10	13	20	15	13	<5	0.44	153	0.022	1.8
890523		<5	31.69	<.5	17	12	66	2	25	20	<1.0	<5	11	<5	5.97	2220	<25	583	50	86	<20	<20	30	6.92	0.79	0.81	1.61	2.30	200	8	13	25	11	9	<5	0.34	158	0.018	1.9
890524		<5	30.94	<.5	16	9	66	4	20	16	<1.0	<5	12	<5	9.05	1577	<25	393	44	146	<20	<20	25	6.03	0.89	0.94	1.23	1.64	125	12	16	17	16	14	<5	0.50	152	0.034	1.6
890525		<5	27.74	<.5	126	6	45	3	25	15	<1.0	<5	<5	<5	4.76	3190	<25	465	78	110	<20	<20	37	8.56	0.53	0.38	0.88	2.73	82	14	21	15	15	14	<5	0.34	104	0.049	2.1
890526		<5	27.25	<.5	46	18	280	2	39	17	<1.0	<5	5	<5	7.86	2210	<25	514	63	90	<20	<20	23	7.57	1.30	0.98	1.38	2.40	155	8	15	34	13	9	<5	0.36	107	0.052	2.2
890527		<5	31.60	<.5	24	14	81	4	25	15	<1.0	<5	15	<5	>10.00	3819	<25	347	50	76	<20	<20	28	4.75	0.63	0.71	0.93	1.42	118	8	<10	17	8	7	<5	0.25	108	0.041	1.5
890528		<5	20.10	<.5	36	12	115	3	32	20	<1.0	<5	16	<5	>10.00	5735	<25	318	52	61	<20	<20	23	4.31	0.79	0.95	0.87	1.32	106	11	<10	18	8	6	<5	0.21	96	0.071	1.9
890529		10	30.49	<.5	32	13	226	5	45	21	<1.0	<5	18	<5	8.41	2608	<25	460	57	77	<20	<20	28	6.48	0.94	0.84	0.90	2.64	112	7	10	35	12	8	<5	0.29	107	0.039	2.2
890530		<5	30.71	<.5	39	14	146	4	33	15	<1.0	<5	5	<5	6.49	3029	<25	409	42	66	<20	<20	27	5.26	0.80	0.85	1.02	1.92	131	7	<10	22	9	7	<5	0.24	95	0.045	1.6

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
890501		360	<20
890502		358	<20
890503		263	<20
890504		355	<20
890505		231	<20
890506		311	<20
890507		266	<20
890508		289	<20
890509		392	<20
890510		410	<20
890511		478	<20
890512		464	<20
890513		575	<20
890514		1210	<20
890515		1089	<20
890516		658	26
890517		426	<20
890518		307	<20
890519		276	<20
890520		528	<20
890521		250	<20
890522		324	<20
890523		218	<20
890524		324	<20
890525		541	24
890526		717	<20
890527		561	<20
890528		790	<20
890529		444	<20
890530		598	<20

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
890531		<5	11.04	0.5	21	8	43	3	9	4	<1.0	<5	12	<5	8.85	346	<25	221	19	51	<20	<20	15	2.69	0.18	0.20	0.49	1.06	51	<5	<10	6	5	<5	<5	0.17	76	0.263	<1.0
890532		<5	32.58	<.5	39	9	135	6	23	11	<1.0	<5	11	<5	>10.00	2344	<25	350	43	81	<20	<20	27	4.58	0.43	0.32	0.74	1.74	92	<5	<10	13	9	6	<5	0.28	104	0.199	1.5
890533		<5	31.21	<.5	39	20	135	7	24	11	<1.0	<5	39	<5	>10.00	1980	<25	407	61	94	<20	<20	24	6.32	0.63	0.39	0.88	2.05	89	5	<10	25	11	8	<5	0.35	120	0.048	1.9
890534		13	24.72	<.5	56	15	112	7	30	20	<1.0	<5	15	<5	>10.00	6537	<25	261	59	73	<20	<20	24	4.96	0.62	0.36	0.74	1.37	45	6	<10	22	7	7	<5	0.24	73	0.062	1.7
890535		<5	32.48	<.5	28	16	169	2	34	16	<1.0	<5	<5	<5	8.33	5661	<25	539	62	71	<20	<20	34	6.87	0.92	0.69	1.11	3.01	148	9	12	38	10	9	<5	0.31	134	0.018	2.2
890536		<5	32.57	<.5	26	11	58	2	21	13	<1.0	<5	<5	<5	7.77	1574	<25	498	55	99	<20	<20	27	6.00	0.74	0.63	1.18	1.94	129	7	15	17	11	8	<5	0.36	140	0.052	1.5
890537		<5	17.51	<.5	23	13	49	2	26	11	<1.0	<5	6	<5	4.62	948	<25	630	45	77	<20	<20	30	6.99	0.86	1.10	1.78	2.04	227	8	12	18	10	9	<5	0.32	147	0.029	1.9
890538		<5	24.04	<.5	40	22	126	3	37	15	<1.0	<5	6	<5	7.13	2795	<25	529	66	80	<20	<20	30	6.92	0.85	0.82	1.44	2.41	176	9	11	28	12	9	<5	0.33	143	0.026	2.0
890539		<5	31.03	<.5	20	25	57	2	22	7	<1.0	<5	9	<5	5.88	975	<25	540	41	70	<20	<20	27	5.98	0.55	0.63	1.29	1.90	167	6	14	13	8	7	<5	0.31	130	0.027	1.6
890540		<5	30.61	<.5	22	15	66	3	26	11	<1.0	<5	8	<5	4.64	1223	<25	694	56	62	<20	<20	33	7.25	0.76	1.06	2.03	2.37	261	8	12	19	10	8	<5	0.30	162	0.023	2.0
890541		<5	30.55	<.5	26	15	79	3	28	13	<1.0	<5	10	<5	5.70	2160	<25	605	58	62	<20	<20	28	6.96	0.71	0.89	1.68	1.99	217	7	11	24	11	7	<5	0.27	129	0.030	1.9
890542		<5	30.32	<.5	32	18	99	2	35	15	<1.0	<5	8	<5	7.02	3167	<25	524	65	76	<20	<20	34	7.17	0.84	0.61	1.36	2.11	158	8	13	34	11	9	<5	0.33	121	0.020	2.0
890543		<5	30.53	<.5	35	17	106	<1	32	12	<1.0	<5	8	<5	6.43	2244	<25	587	52	79	<20	<20	34	7.31	0.89	0.82	1.58	2.24	198	9	12	29	11	9	<5	0.33	135	0.021	2.0
890544		6	31.84	<.5	65	24	175	6	31	17	<1.0	<5	29	<5	>10.00	1962	<25	548	48	86	<20	<20	29	6.62	0.71	0.57	1.33	2.25	167	6	<10	22	15	9	<5	0.32	119	0.032	1.8
890545		<5	31.31	<.5	103	4	171	3	48	21	<1.0	<5	6	<5	>10.00	6889	<25	386	49	69	<20	<20	26	5.47	0.75	0.46	0.90	1.66	105	8	<10	26	6	7	<5	0.24	94	0.085	1.7
890546		<5	14.66	2.5	125	38	68	6	22	10	<1.0	<5	8	<5	>10.00	911	<25	113	43	54	<20	<20	15	2.34	0.31	0.12	0.27	0.70	22	<5	<10	7	<5	5	<5	0.13	50	0.204	<1.0
890547		<5	31.03	<.5	36	18	105	5	20	9	<1.0	<5	7	<5	8.08	1301	<25	400	67	89	<20	<20	32	6.48	0.60	0.31	0.87	2.04	90	5	12	22	12	8	<5	0.34	122	0.030	1.7
890548		<5	30.48	<.5	43	24	118	3	47	21	<1.0	<5	10	<5	7.84	4346	<25	549	63	74	<20	<20	37	7.14	0.91	0.69	1.24	2.60	156	9	12	33	12	9	<5	0.32	122	0.020	2.2
890549		<5	30.39	<.5	26	23	97	5	33	17	<1.0	<5	8	<5	8.73	3233	<25	469	75	80	<20	<20	33	7.17	0.68	0.43	1.05	2.28	120	6	<10	33	11	9	<5	0.33	124	0.027	2.2
890550		<5	31.98	<.5	41	9	93	4	26	11	<1.0	<5	9	<5	>10.00	2854	<25	392	62	101	<20	<20	31	5.93	0.56	0.28	0.83	1.97	80	6	11	19	13	8	<5	0.35	114	0.033	1.8
890551		<5	30.95	<.5	15	5	127	3	20	9	<1.0	<5	11	<5	6.97	1558	<25	482	75	80	<20	<20	26	6.65	0.69	0.43	0.91	2.37	102	6	<10	27	12	8	<5	0.32	113	0.020	1.9
890552		<5	31.08	<.5	22	16	73	2	29	11	<1.0	<5	6	<5	5.43	1619	<25	658	60	76	<20	<20	32	7.38	0.88	0.97	1.78	2.47	223	8	17	23	10	9	<5	0.33	162	0.017	2.0
890553		<5	30.72	<.5	19	13	66	2	25	9	<1.0	<5	6	<5	4.25	1015	<25	717	55	63	<20	<20	30	7.43	0.79	1.17	2.15	2.44	271	10	13	18	11	8	<5	0.32	168	0.016	1.9
890554		<5	31.15	<.5	19	17	68	2	28	8	<1.0	<5	7	<5	4.00	841	<25	691	45	61	<20	<20	29	7.25	0.77	1.21	2.08	2.35	271	10	11	17	11	8	<5	0.31	148	0.020	1.9
890555		<5	30.66	<.5	20	12	71	3	25	10	<1.0	<5	9	<5	4.08	965	<25	699	36	61	<20	<20	36	7.40	0.73	1.10	2.11	2.28	268	11	12	18	11	8	<5	0.30	157	0.016	1.9
890556		<5	32.90	<.5	32	19	103	3	26	12	<1.0	<5	5	<5	6.12	1618	<25	521	56	79	<20	<20	32	7.13	0.82	0.76	1.73	1.99	191	9	12	28	13	8	<5	0.31	141	0.017	2.0
890557		<5	32.55	<.5	55	20	113	4	40	18	<1.0	<5	13	<5	6.93	2542	<25	519	66	99	<20	<20	33	6.87	0.98	0.81	1.43	2.23	173	9	13	30	12	12	<5	0.37	124	0.020	2.0
890558		<5	31.47	<.5	36	18	118	4	40	13	<1.0	<5	10	<5	7.27	2072	<25	502	74	84	<20	<20	28	6.85	0.95	0.68	1.27	2.32	145	7	12	32	11	9	<5	0.32	114	0.028	2.0
890559		<5	30.80	0.8	43	25	65	9	15	17	<1.0	<5	31	<5	>10.00	12	<25	19	<2	45	<20	<20	8	0.09	<.01	0.03	0.04	0.11	4	<5	<10	<2	<5	<5	<5	0.01	8	1.746	<1.0
890560		<5	30.60	<.5	41	9	96	3	27	15	<1.0	<5	14	<5	7.51	2015	<25	530	61	69	<20	<20	26	6.63	0.61	0.53	1.37	2.24	159	6	12	20	11	8	<5	0.31	134	0.039	1.8

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
890531		757	22
890532		547	<20
890533		739	38
890534		755	<20
890535		367	<20
890536		418	<20
890537		307	<20
890538		558	<20
890539		715	<20
890540		488	<20
890541		528	<20
890542		337	<20
890543		339	<20
890544		456	<20
890545		451	<20
890546		918	31
890547		258	<20
890548		461	<20
890549		489	<20
890550		543	<20
890551		337	<20
890552		433	<20
890553		495	<20
890554		754	<20
890555		467	<20
890556		208	<20
890557		421	<20
890558		452	<20
890559		1144	25
890560		479	<20

CHIMITEC
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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
890561		<5	31.31	<.5	49	23	156	3	42	18	<1.0	<5	10	<5	8.61	3742	<25	496	79	87	<20	<20	30	7.53	0.95	0.46	1.19	2.26	122	9	<10	39	11	10	<5	0.36	116	0.043	2.2
890562		<10	7.58	1.3	155	13	37	1	15	2	<1.0	<5	<5	<5	2.69	108	<25	37	38	6	<20	<20	14	0.86	0.07	0.15	0.17	0.20	14	5	<10	2	<5	16	<5	0.03	18	1.518	<1.0
890563		<5	30.71	<.5	36	14	118	3	30	14	<1.0	<5	12	<5	7.35	2724	<25	477	55	80	<20	<20	29	6.76	0.80	0.48	1.20	2.37	118	7	12	32	10	9	<5	0.32	122	0.023	2.0
890564		<5	32.84	<.5	29	15	96	2	25	12	<1.0	<5	9	<5	6.42	2004	<25	521	47	79	<20	<20	26	6.49	0.69	0.50	1.33	2.20	145	7	13	23	14	8	<5	0.32	150	0.018	1.8
890565		<5	31.55	<.5	27	21	85	5	26	12	<1.0	<5	10	<5	7.90	2403	<25	471	55	89	<20	<20	33	6.55	0.60	0.40	0.96	2.19	101	7	14	25	12	8	<5	0.33	138	0.020	1.9
890566		<5	30.13	<.5	43	23	138	3	46	15	<1.0	<5	14	<5	7.42	2725	<25	497	57	72	<20	<20	30	6.80	0.73	0.60	1.23	2.17	138	8	12	32	11	7	<5	0.31	131	0.030	2.1
890567		<5	30.10	<.5	39	36	80	7	28	17	<1.0	<5	16	<5	>10.00	2509	<25	384	59	70	<20	<20	26	5.98	0.70	0.45	0.83	1.91	92	6	<10	30	9	7	<5	0.28	110	0.036	1.9
890568		<5	30.50	<.5	19	11	41	3	17	6	<1.0	<5	6	<5	5.39	805	<25	572	60	80	<20	<20	27	6.64	0.64	0.71	1.61	2.06	179	7	12	15	10	9	<5	0.35	144	0.024	1.6
890569		<5	30.39	<.5	19	6	47	3	18	4	<1.0	<5	11	<5	3.88	586	<25	663	57	70	<20	<20	31	6.39	0.57	0.76	1.59	2.33	198	6	14	12	12	8	<5	0.31	217	0.041	1.7
890570		<5	30.65	<.5	28	12	84	3	27	13	<1.0	<5	9	<5	5.17	1776	<25	643	56	66	<20	<20	34	7.05	0.78	0.91	1.80	2.20	230	10	12	22	11	8	<5	0.31	152	0.016	2.0
890571		<5	31.79	<.5	38	20	110	5	33	15	<1.0	<5	8	<5	7.05	3032	<25	568	66	78	<20	<20	31	7.35	0.85	0.61	1.36	2.42	162	9	11	31	13	9	<5	0.33	126	0.022	2.1
890572		<5	30.62	<.5	46	25	134	3	37	19	<1.0	<5	9	<5	7.30	3704	<25	561	56	81	<20	<20	34	7.17	0.94	0.73	1.46	2.27	181	9	11	31	12	10	<5	0.33	124	0.016	2.0
890573		<5	30.92	<.5	41	25	110	2	35	19	<1.0	<5	9	<5	7.99	4099	<25	492	70	84	<20	<20	30	6.76	0.80	0.59	1.24	2.26	132	8	11	32	12	9	<5	0.32	113	0.028	2.0
890574		<5	30.76	<.5	30	17	82	3	28	15	<1.0	<5	13	<5	6.75	2891	<25	483	51	77	<20	<20	29	6.24	0.76	0.57	1.23	2.06	142	6	13	22	8	8	<5	0.30	107	0.067	1.7
890575		<10	7.11	0.6	30	37	54	2	22	10	<1.0	<5	<5	<5	3.41	1061	<25	297	36	46	<20	<20	17	3.80	0.44	0.59	0.78	1.26	98	5	<10	11	8	5	<5	0.16	73	0.104	1.1
890576		<5	31.30	<.5	19	9	73	2	21	9	<1.0	<5	8	<5	8.20	2083	<25	452	36	69	<20	<20	22	5.68	0.47	0.44	1.01	1.89	119	5	12	15	12	6	<5	0.26	109	0.021	1.6
890577		6	30.41	<.5	22	15	79	2	25	17	<1.0	<5	6	<5	6.88	2911	<25	484	46	67	<20	<20	26	6.94	0.73	0.60	1.45	2.17	167	5	14	28	10	8	<5	0.29	153	0.022	1.9
890578		<5	31.48	<.5	52	31	114	5	29	15	<1.0	<5	10	<5	7.90	1219	<25	422	54	83	<20	<20	35	6.83	0.68	0.34	0.95	2.16	94	6	13	31	12	8	<5	0.30	113	0.034	1.9
890579		<5	31.52	<.5	49	23	106	4	66	24	<1.0	<5	9	<5	8.12	2797	<25	485	52	82	<20	<20	34	6.64	0.70	0.77	1.25	2.24	152	10	<10	29	13	10	<5	0.30	124	0.038	1.9
890580		6	24.84	2.0	111	34	92	11	28	10	<1.0	<5	23	<5	>10.00	1097	<25	304	81	102	<20	<20	32	5.18	0.48	0.22	0.65	1.80	65	5	<10	15	14	7	<5	0.26	99	0.077	1.5
890581		<5	30.03	<.5	24	17	76	3	28	9	<1.0	<5	<5	<5	5.66	1392	<25	524	41	69	<20	<20	31	6.94	0.71	0.74	1.42	2.22	163	8	13	27	9	7	<5	0.29	131	0.018	1.9
890582		<5	30.59	<.5	15	15	74	2	22	11	<1.0	<5	<5	<5	5.74	1516	<25	511	46	69	<20	<20	29	6.79	0.67	0.60	1.36	2.20	160	5	14	28	13	7	<5	0.30	142	0.013	1.9
890583		<5	31.21	<.5	19	12	85	5	29	15	<1.0	<5	<5	<5	8.12	4262	<25	457	50	75	<20	<20	29	6.75	0.72	0.32	0.90	2.48	95	<5	13	34	13	8	<5	0.30	125	0.023	2.0
890584		<5	30.95	<.5	24	23	93	4	32	15	<1.0	<5	5	<5	6.96	2866	<25	528	68	71	<20	<20	31	6.84	0.86	0.62	1.33	2.46	151	7	11	34	12	8	<5	0.31	151	0.015	2.1
890585		<5	31.32	<.5	23	16	63	2	26	10	<1.0	<5	9	<5	5.04	1549	<25	580	35	68	<20	<20	28	6.72	0.74	0.77	1.67	2.17	193	7	13	21	14	8	<5	0.32	142	0.014	1.8
890586		<5	31.60	<.5	28	14	81	2	32	14	<1.0	<5	8	<5	6.15	3053	<25	581	60	70	<20	<20	34	7.23	0.81	0.67	1.48	2.38	175	8	15	26	10	8	<5	0.32	125	0.016	1.9
890587		<5	30.33	<.5	32	13	88	1	31	15	<1.0	<5	7	<5	6.21	2275	<25	600	59	71	<20	<20	29	7.21	0.85	0.87	1.64	2.54	200	8	11	25	11	9	<5	0.33	128	0.020	2.0
890588		<5	30.32	<.5	35	14	102	2	42	17	<1.0	<5	7	<5	7.12	4466	<25	550	55	79	<20	<20	33	7.14	0.88	0.59	1.33	2.55	148	8	14	32	12	9	<5	0.32	112	0.025	2.1
890589		<5	30.22	<.5	43	18	96	4	33	16	<1.0	<5	21	<5	7.99	3184	<25	533	47	86	<20	<20	26	7.01	0.88	0.55	1.34	2.26	147	7	14	29	11	9	<5	0.34	123	0.022	2.0
890590		<5	30.31	<.5	44	7	132	5	59	31	<1.0	<5	14	<5	>10.00	4520	<25	409	111	203	<20	<20	29	7.23	1.12	0.33	1.21	2.17	109	7	13	37	24	21	<5	0.53	109	0.025	1.9

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
890561		325	<20
890562		1054	38
890563		366	33
890564		385	43
890565		429	<20
890566		414	<20
890567		439	<20
890568		475	22
890569		760	<20
890570		327	<20
890571		317	28
890572		255	<20
890573		361	<20
890574		781	<20
890575		847	<20
890576		429	<20
890577		304	<20
890578		384	<20
890579		376	<20
890580		586	21
890581		311	<20
890582		252	30
890583		420	<20
890584		239	<20
890585		288	<20
890586		345	<20
890587		466	<20
890588		392	<20
890589		397	<20
890590		451	<20

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
890591		11	30.89	<.5	47	19	104	6	35	25	<1.0	<5	17	<5	>10.00	5965	<25	421	52	73	<20	<20	36	5.98	0.65	0.42	0.99	1.85	115	9	<10	25	8	10	<5	0.25	111	0.110	1.9
890592		6	30.78	<.5	43	22	90	7	19	12	<1.0	<5	22	<5	>10.00	1276	<25	440	67	83	<20	<20	23	5.55	0.51	0.40	0.96	1.96	110	<5	<10	17	10	7	<5	0.30	132	0.079	1.6
890593		<5	27.31	<.5	28	16	54	2	28	8	<1.0	<5	30	<5	6.74	2587	<25	388	39	85	<20	<20	33	6.05	0.51	0.89	0.94	1.81	101	6	14	23	14	8	<5	0.29	112	0.050	1.6
890594		<5	31.51	<.5	34	23	64	2	38	19	<1.0	<5	8	<5	8.48	4080	<25	488	63	85	<20	<20	44	7.57	0.69	0.51	1.22	2.33	127	12	14	33	12	9	<5	0.32	135	0.080	2.1
890595		<5	19.41	<.5	264	4	70	3	54	57	<1.0	<5	10	<5	8.32	2622	<25	289	62	100	<20	<20	97	5.99	0.99	0.62	0.93	1.34	85	14	<10	22	11	11	<5	0.24	63	0.180	1.4
890596		<5	16.82	0.6	213	23	190	10	214	78	2.8	<5	17	<5	>10.00	3232	<25	134	119	242	<20	<20	12	6.43	2.51	0.56	0.83	1.10	40	9	<10	30	21	24	<5	0.27	64	0.087	1.3
890597		<5	10.94	<.5	31	12	78	3	46	16	<1.0	<5	<5	<5	3.83	9343	<25	545	37	40	<20	<20	36	4.91	0.90	1.87	0.92	1.48	145	11	<10	20	6	6	<5	0.17	47	0.193	1.6
890598		<5	32.28	<.5	19	18	67	2	26	11	<1.0	<5	<5	<5	5.49	1659	<25	599	47	63	<20	<20	32	7.07	0.73	0.87	1.66	2.30	212	7	<10	23	12	7	<5	0.30	157	0.018	1.8
890599		<5	30.67	<.5	21	11	62	4	27	13	<1.0	<5	<5	<5	4.80	1966	<25	563	48	64	<20	<20	29	6.59	0.63	0.64	1.43	2.31	170	8	12	20	11	7	<5	0.29	153	0.011	1.9
890600		<5	32.60	<.5	30	20	68	3	33	15	<1.0	<5	7	<5	4.95	1501	<25	619	33	60	<20	<20	33	6.74	0.67	0.80	1.75	2.37	207	9	12	21	10	7	<5	0.27	136	0.014	1.9
890601		<5	30.76	<.5	14	3	89	5	24	14	<1.0	<5	5	<5	>10.00	5098	<25	339	48	54	<20	<20	27	4.98	0.74	0.46	0.61	1.79	68	8	<10	29	7	6	<5	0.21	73	0.032	2.0
890602		<5	30.45	<.5	19	15	67	4	25	11	<1.0	<5	9	<5	5.85	1205	<25	588	49	73	<20	<20	29	6.94	0.75	0.83	1.55	2.29	193	6	13	21	11	7	<5	0.32	158	0.021	1.9
890603		<5	31.17	<.5	45	17	93	2	42	18	<1.0	<5	<5	<5	6.66	2515	<25	554	59	74	<20	<20	31	6.72	0.92	0.89	1.54	2.42	185	10	12	20	9	8	<5	0.32	142	0.014	1.9
890604		6	32.30	<.5	32	32	76	3	30	19	<1.0	<5	13	<5	8.37	3796	<25	547	58	71	<20	<20	33	6.88	0.74	0.60	1.36	2.41	166	7	12	23	8	8	<5	0.31	147	0.026	2.0
890605		<5	30.72	<.5	20	12	52	2	25	8	<1.0	<5	7	<5	3.89	659	<25	656	46	60	<20	<20	37	7.27	0.78	1.19	1.96	2.43	254	10	14	19	10	9	<5	0.30	152	0.021	1.9
890606		<5	32.72	<.5	14	4	43	1	22	12	<1.0	<5	11	<5	5.39	1927	<25	518	47	68	<20	<20	24	6.45	0.62	0.68	1.32	2.06	153	6	14	19	10	6	<5	0.28	160	0.024	1.9
890607		<5	30.49	<.5	11	10	38	3	17	10	<1.0	<5	5	<5	5.10	807	<25	548	34	79	<20	<20	23	6.36	0.68	0.80	1.63	1.97	197	6	12	15	14	7	<5	0.33	164	0.016	1.7
890608		<5	20.21	<.5	12	8	30	4	18	9	<1.0	<5	5	<5	>10.00	4421	<25	80	11	23	<20	<20	11	1.22	0.54	0.46	0.22	0.36	27	6	<10	5	<5	<5	<5	0.05	25	0.053	1.4
890609		<5	17.98	1.6	49	11	92	4	22	14	<1.0	<5	17	<5	>10.00	308	<25	258	36	90	<20	<20	13	3.24	0.26	0.18	0.45	1.28	49	<5	<10	9	<5	<5	<5	0.19	65	0.346	1.1
890610		5	31.14	<.5	27	11	68	3	25	17	<1.0	<5	6	<5	5.87	2686	<25	522	60	66	<20	<20	30	6.49	0.64	0.51	1.34	2.55	153	6	12	20	10	8	<5	0.30	136	0.035	1.8
890611		<5	30.89	<.5	14	11	50	3	16	7	<1.0	<5	<5	<5	5.52	1541	<25	517	65	75	<20	<20	37	6.73	0.64	0.56	1.08	2.49	127	6	18	23	12	8	<5	0.32	147	0.017	1.8
890612		<5	32.97	<.5	26	25	75	3	32	15	<1.0	<5	7	<5	6.29	3395	<25	574	64	64	<20	<20	36	6.85	0.78	0.74	1.55	2.64	184	9	12	28	10	8	<5	0.31	151	0.011	2.2
890613		<5	30.71	<.5	37	33	84	3	41	16	<1.0	<5	7	<5	6.45	2590	<25	544	57	71	<20	<20	34	6.76	0.84	0.73	1.40	2.79	153	9	11	30	10	8	<5	0.31	138	0.019	2.0
890614		<5	30.96	<.5	22	15	67	4	26	12	<1.0	<5	<5	<5	5.89	2232	<25	540	76	72	<20	<20	31	7.11	0.78	0.56	1.20	2.70	137	7	17	29	11	8	<5	0.31	128	0.015	2.0
890615		<5	31.99	<.5	29	12	82	4	37	16	<1.0	<5	5	<5	7.14	2979	<25	535	68	77	<20	<20	35	7.35	0.89	0.76	1.38	2.31	166	8	12	33	12	9	<5	0.33	144	0.021	2.1
890616		<5	30.68	<.5	17	10	56	2	30	13	<1.0	<5	<5	<5	>10.00	4274	<25	398	65	99	<20	<20	26	6.25	0.87	0.49	1.00	1.69	118	5	<10	39	13	7	<5	0.31	107	0.022	2.0
890617		<5	31.98	<.5	9	<2	51	2	29	15	<1.0	<5	<5	<5	>10.00	2609	<25	428	81	67	<20	<20	9	7.54	1.47	0.32	1.01	1.36	36	<5	11	32	12	6	<5	0.34	110	0.024	2.8
890618		<5	31.66	<.5	22	19	68	4	30	15	<1.0	<5	<5	<5	8.33	4085	<25	486	70	87	<20	<20	33	6.92	0.80	0.50	1.17	2.34	135	7	12	36	13	8	<5	0.32	148	0.020	2.2
890619		<5	32.02	<.5	24	11	58	3	25	12	<1.0	<5	7	<5	6.34	2383	<25	502	62	71	<20	<20	28	6.74	0.64	0.65	1.31	2.25	138	7	12	29	11	8	<5	0.34	144	0.037	2.0
890620		<5	31.56	<.5	41	21	47	3	26	6	<1.0	<5	6	<5	4.12	466	<25	523	46	62	<20	<20	38	6.19	0.60	0.67	1.38	2.21	163	9	11	17	10	7	<5	0.26	131	0.055	1.7

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NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
890591		525	22
890592		619	<20
890593		622	<20
890594		279	<20
890595		694	<20
890596		872	31
890597		1176	<20
890598		365	<20
890599		317	<20
890600		251	<20
890601		388	43
890602		399	<20
890603		581	<20
890604		427	<20
890605		607	<20
890606		469	<20
890607		183	<20
890608		497	27
890609		2244	<20
890610		471	<20
890611		362	<20
890612		245	<20
890613		443	<20
890614		321	<20
890615		330	<20
890616		383	<20
890617		328	34
890618		380	<20
890619		492	<20
890620		928	<20

CHIMITEC
BONDAR CLEGG

ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62130.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 18-JUL-00 PAGE 5A(9/16)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT	Be PPM
890621		<5	30.33	<.5	23	19	61	4	20	13	<1.0	<5	<5	<5	5.24	1183	<25	588	45	64	<20	<20	31	7.07	0.63	0.72	1.55	2.40	189	7	12	21	11	7	<5	0.31	151	0.031	1.9
890622		<5	31.07	<.5	19	11	60	3	23	9	<1.0	<5	<5	<5	4.78	1327	<25	630	65	64	<20	<20	31	7.39	0.75	0.82	1.66	2.71	201	8	15	24	11	8	<5	0.32	158	0.014	2.0
890623		<5	31.31	<.5	28	20	105	3	36	15	<1.0	<5	<5	<5	7.15	3965	<25	568	63	75	<20	<20	36	7.43	0.88	0.70	1.33	3.14	161	9	11	37	12	9	<5	0.33	135	0.016	2.4
890624		<5	32.48	<.5	34	16	72	<1	43	16	<1.0	<5	6	<5	5.24	1708	<25	631	62	65	<20	<20	34	7.62	0.78	0.79	1.60	2.77	191	9	14	27	12	8	<5	0.31	159	0.048	2.2
890625		<5	25.16	<.5	40	65	88	3	41	17	<1.0	<5	<5	<5	5.72	4768	<25	505	54	62	<20	<20	32	6.61	0.72	0.88	1.07	2.45	134	10	11	27	10	8	<5	0.25	102	0.115	2.0
890626		<5	30.40	<.5	43	227	108	3	31	15	<1.0	<5	8	<5	5.79	1343	<25	591	54	70	<20	<20	30	6.78	0.65	0.61	1.42	2.81	167	7	16	22	12	7	<5	0.30	140	0.031	1.9
890627		<5	31.15	<.5	23	23	73	4	30	13	<1.0	<5	11	<5	5.39	2533	<25	621	57	64	<20	<20	38	7.22	0.71	0.73	1.57	2.71	203	8	13	24	10	8	<5	0.33	158	0.012	2.0
890628		<5	32.03	<.5	32	28	81	2	36	15	<1.0	<5	7	<5	5.91	2042	<25	597	59	67	<20	<20	35	7.29	0.79	0.75	1.58	2.64	189	10	13	27	12	8	<5	0.31	149	0.012	2.1
890629		<5	30.13	<.5	26	20	76	3	35	15	<1.0	<5	<5	<5	7.61	4904	<25	494	72	67	<20	<20	35	6.68	0.73	0.49	1.19	2.70	130	8	11	34	11	8	<5	0.29	118	0.017	2.2
890630		<5	27.88	<.5	39	24	95	3	39	18	<1.0	<5	7	<5	6.93	3382	<25	539	67	74	<20	<20	36	7.12	0.86	0.65	1.30	2.83	154	9	10	31	11	8	<5	0.30	114	0.024	2.2
890631		<5	30.29	<.5	31	13	74	3	33	15	<1.0	<5	<5	<5	6.80	2870	<25	528	64	70	<20	<20	36	6.94	0.75	0.71	1.28	2.50	157	8	10	27	10	8	<5	0.31	147	0.032	2.0

CHIMITEC
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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62130.0 (COMPLET) DATE RECU : 04-JUL-00 DATE DE L'IMPRESSION: 18-JUL-00 PAGE 5B(10/16)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	P PPM	U PPM
890621		302	<20
890622		399	<20
890623		586	<20
890624		293	<20
890625		1207	<20
890626		434	<20
890627		321	<20
890628		348	<20
890629		363	<20
890630		408	<20
890631		398	<20

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62338.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 1A(1/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
888863		<5	30.20	<.5	22	4	122	<1	37	12	<1.0	<5	13	<5	4.17	445	<25	767	71	65	<20	<20	36	6.38	1.07	1.08	1.89	1.89	218	13	13	32	5	8	<5	0.34	151	0.012
888864		<5	30.56	<.5	18	12	142	2	37	16	<1.0	<5	17	<5	5.12	2788	<25	710	49	58	<20	<20	38	7.20	0.85	0.89	1.76	1.79	221	12	<10	29	<5	9	10	0.28	155	0.020
888865		<5	31.17	<.5	13	31	44	<1	20	7	<1.0	<5	13	<5	3.24	646	<25	779	44	48	<20	<20	29	7.27	0.74	1.12	2.06	1.83	274	11	11	19	<5	7	8	0.23	100	0.010
888866		<5	31.54	<.5	11	15	44	<1	19	7	<1.0	<5	<5	<5	3.56	389	<25	755	47	53	<20	<20	36	7.45	0.76	1.20	2.11	2.10	283	11	<10	18	<5	8	<5	0.25	192	0.010
888867		<5	30.24	<.5	22	8	73	4	31	11	<1.0	<5	<5	<5	4.84	579	<25	780	63	65	<20	<20	36	7.99	1.04	1.28	2.00	1.93	262	14	12	25	6	9	18	0.33	170	0.011
888868		6	30.53	<.5	26	11	82	2	35	14	<1.0	<5	9	<5	7.84	780	<25	678	62	65	<20	<20	43	7.37	1.01	1.16	1.68	1.99	221	15	<10	24	6	10	<5	0.30	141	0.169
888869		<5	30.11	<.5	69	<2	171	2	95	30	1.1	<5	23	<5	>10.00	3779	<25	527	77	72	<20	<20	33	6.15	1.07	1.48	1.25	1.43	154	13	<10	26	5	10	6	0.26	80	0.077
888870		<5	30.05	<.5	33	8	97	2	40	16	<1.0	<5	15	<5	5.87	887	<25	739	83	78	<20	<20	41	8.21	1.21	1.14	1.74	2.12	224	13	13	28	7	11	<5	0.36	130	0.017
888871		<5	30.44	<.5	48	12	301	2	59	23	1.0	<5	15	<5	5.93	884	<25	596	74	73	<20	<20	40	7.43	1.11	1.28	1.35	1.77	175	14	<10	38	6	11	<5	0.30	86	0.097
888872		<5	30.11	<.5	152	8	167	4	121	63	<1.0	<5	11	<5	>10.00	2223	<25	527	113	178	<20	<20	21	7.46	1.86	0.90	1.26	1.79	115	20	<10	29	12	22	<5	0.50	86	0.023
888873		<5	30.34	<.5	26	9	98	<1	37	11	<1.0	<5	7	<5	4.14	498	<25	709	85	68	<20	<20	38	4.81	1.08	0.96	1.69	1.94	165	13	11	32	8	8	11	0.35	129	0.024
888874		<5	30.55	<.5	20	12	70	2	32	11	<1.0	<5	10	<5	4.34	555	<25	766	74	71	<20	<20	39	7.76	1.13	0.99	1.79	1.91	224	12	14	29	8	10	<5	0.37	124	0.011
888875		<5	30.90	<.5	23	8	71	<1	34	12	<1.0	<5	7	7	4.59	635	<25	754	81	72	<20	<20	42	8.14	1.15	1.10	1.84	1.87	241	14	12	29	8	11	23	0.37	126	0.007
888876		<5	31.50	<.5	15	4	100	2	56	30	<1.0	<5	13	<5	9.01	1447	<25	47	141	314	<20	<20	7	7.95	3.28	5.52	2.13	0.19	170	20	<10	9	26	35	6	0.81	31	0.028
888877		<5	30.38	0.6	93	16	100	6	44	16	<1.0	<5	49	<5	>10.00	514	<25	356	109	154	<20	<20	17	7.02	1.60	0.78	1.31	1.23	99	8	<10	21	10	15	12	0.38	95	0.051
888878		<5	30.69	0.5	3	10	49	1	17	8	<1.0	<5	8	<5	5.45	625	<25	632	57	79	<20	<20	23	7.00	0.70	1.18	1.98	1.65	254	10	10	14	7	8	<5	0.32	210	0.007
888879		<5	18.38	<.5	18	13	65	3	30	13	<1.0	<5	13	<5	9.23	815	<25	562	93	117	27	<20	44	6.28	0.93	1.35	1.59	1.54	221	17	<10	17	9	11	<5	0.38	249	0.040
888880		<5	23.59	<.5	21	8	48	3	25	7	<1.0	<5	9	<5	2.71	352	<25	552	44	46	<20	<20	32	5.71	0.85	1.62	1.08	1.62	175	10	<10	21	<5	8	9	0.22	67	0.140
888881		<5	30.73	<.5	22	16	68	<1	33	10	<1.0	<5	12	10	4.45	512	<25	771	78	70	<20	<20	43	7.98	1.15	1.18	1.80	1.86	235	15	<10	31	7	11	<5	0.37	149	0.020
888882		<5	30.18	<.5	18	19	60	<1	27	10	<1.0	<5	9	<5	3.93	511	<25	720	69	66	<20	<20	31	3.35	1.00	0.74	1.87	1.97	160	9	12	28	9	<5	<5	0.36	138	0.007
888883		<5	31.31	<.5	15	5	54	<1	24	8	<1.0	<5	11	<5	3.88	437	<25	717	53	63	<20	<20	39	6.51	0.97	1.09	1.93	1.83	235	13	12	24	8	9	<5	0.32	148	0.009
888884		<5	30.34	<.5	30	5	77	<1	36	15	<1.0	<5	11	<5	4.91	753	<25	762	80	76	<20	<20	44	8.15	1.31	1.19	1.77	2.01	230	14	<10	33	8	11	11	0.36	131	0.008
888885		<5	30.57	<.5	28	12	78	1	36	15	<1.0	<5	8	<5	4.84	718	<25	762	86	77	<20	<20	43	8.33	1.38	1.42	1.76	2.07	227	15	12	33	11	11	<5	0.36	122	0.011
888886		<5	30.24	<.5	46	16	83	2	48	20	<1.0	<5	17	<5	7.52	1174	<25	716	94	90	<20	<20	46	8.39	1.35	1.25	1.73	2.02	220	15	<10	30	9	12	14	0.37	133	0.030
888887		66	15.96	1.1	41	48	30	43	6	6	<1.0	<5	95	<5	>10.00	14	<25	427	160	204	<20	<20	9	8.42	0.44	0.02	0.85	2.38	32	5	13	15	19	16	10	0.24	156	0.232
888888		<5	30.40	<.5	28	11	82	2	37	13	<1.0	<5	7	<5	4.85	727	<25	749	83	73	<20	<20	41	7.98	1.19	1.38	1.68	1.90	222	15	12	34	5	11	<5	0.36	132	0.025
888889		<5	30.15	<.5	30	12	77	<1	34	10	<1.0	<5	7	<5	4.44	867	<25	667	67	64	<20	<20	38	7.07	1.05	1.41	1.61	1.74	223	13	<10	28	<5	10	15	0.31	122	0.052
888890		<5	30.05	<.5	33	14	86	<1	36	18	<1.0	<5	18	<5	5.31	629	<25	627	68	76	<20	<20	33	7.80	1.03	1.11	1.60	1.82	209	10	<10	29	9	10	9	0.34	104	0.015
888891		<5	30.31	<.5	135	11	111	5	66	26	1.0	<5	32	<5	9.81	824	<25	400	93	135	<20	<20	24	7.05	1.49	1.03	1.45	1.53	134	11	<10	20	13	16	<5	0.42	109	0.028
888892		<5	30.36	<.5	44	11	90	<1	38	14	<1.0	<5	15	<5	4.81	497	<25	642	75	69	<20	<20	33	4.97	1.10	1.37	1.49	1.85	141	13	<10	30	9	9	9	0.32	108	0.061

CHIMITEC
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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62338.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 1B(2/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
888863		1.8	780	<20
888864		1.8	700	<20
888865		1.5	594	<20
888866		1.6	681	<20
888867		1.7	823	<20
888868		1.6	760	<20
888869		1.4	682	24
888870		1.8	730	<20
888871		1.7	755	<20
888872		1.5	588	<20
888873		1.8	783	<20
888874		1.8	632	<20
888875		1.9	674	<20
888876		<1.0	120	<20
888877		1.1	738	<20
888878		1.4	485	<20
888879		1.7	1349	<20
888880		1.3	762	<20
888881		1.8	861	<20
888882		1.7	728	<20
888883		1.6	765	<20
888884		2.0	789	<20
888885		1.9	717	<20
888886		1.9	765	<20
888887		2.1	258	<20
888888		1.8	804	<20
888889		1.6	795	<20
888890		1.6	176	<20
888891		1.3	486	<20
888892		1.8	874	<20

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62338.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 2A(3/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
888893		<5	30.29	<.5	30	15	80	1	36	15	<1.0	<5	6	<5	5.00	567	<25	722	61	74	<20	<20	41	7.13	1.20	1.24	1.73	1.88	215	13	<10	30	9	10	<5	0.36	124	0.022
888894		<5	30.05	<.5	26	9	69	3	31	9	<1.0	<5	11	<5	4.29	514	<25	735	72	65	<20	<20	35	7.54	1.08	1.36	1.68	1.78	213	14	<10	30	8	10	<5	0.34	128	0.031
888895		<5	30.45	<.5	65	6	73	9	26	13	1.4	<5	152	<5	>10.00	392	<25	256	79	161	<20	<20	17	6.07	0.77	0.46	1.48	1.07	108	7	<10	13	17	12	15	0.43	102	0.112
888896		<5	11.18	0.8	34	5	90	7	25	8	<1.0	<5	19	<5	9.85	500	<25	336	106	139	<20	<20	15	7.34	1.17	0.37	1.53	1.31	87	7	12	17	15	11	<5	0.44	115	0.043
888897		<5	31.80	<.5	25	4	74	3	34	13	<1.0	<5	11	<5	4.75	719	<25	759	70	72	<20	<20	43	8.07	1.26	1.22	1.78	2.02	237	14	<10	31	8	10	8	0.35	132	0.010
888898		<5	30.37	<.5	19	9	65	2	28	10	<1.0	<5	7	<5	4.67	616	<25	727	69	63	<20	<20	34	7.23	1.00	1.09	1.75	1.77	218	13	<10	23	7	9	<5	0.32	148	0.012
888899		<5	30.14	<.5	20	9	66	1	29	8	<1.0	<5	8	<5	4.39	665	<25	766	78	64	<20	<20	36	6.70	1.04	1.14	1.87	1.99	228	13	<10	25	6	8	18	0.34	165	0.012
888900		<5	30.40	<.5	30	7	83	2	35	14	<1.0	<5	<5	<5	5.21	665	<25	787	74	77	<20	<20	44	8.48	1.30	1.11	1.75	2.26	223	15	11	33	8	11	<5	0.37	126	0.007
888901		<5	30.25	<.5	25	10	83	1	32	12	<1.0	<5	6	<5	4.72	577	<25	763	71	74	<20	<20	38	8.26	1.19	1.28	1.81	2.26	228	16	10	32	7	11	<5	0.37	130	0.023
888902		<5	30.63	<.5	22	10	94	<1	34	9	<1.0	<5	9	<5	4.31	536	<25	738	68	67	<20	<20	39	7.92	1.10	1.15	1.66	2.24	223	13	<10	27	9	10	<5	0.34	126	0.024
888903		<5	31.01	<.5	35	15	123	<1	49	12	<1.0	<5	10	<5	4.69	763	<25	748	76	72	<20	<20	45	8.14	1.16	1.34	1.72	2.27	225	15	10	29	7	11	<5	0.35	124	0.030
888904		<5	30.46	1.4	72	16	81	7	37	14	<1.0	<5	46	<5	>10.00	667	<25	260	85	199	<20	<20	15	6.30	1.52	1.81	1.29	0.89	118	12	<10	12	13	18	10	0.49	105	0.035
888905		<5	30.07	<.5	20	10	58	<1	25	11	<1.0	<5	8	<5	4.75	487	<25	653	66	70	<20	<20	28	7.75	0.93	0.89	1.58	1.83	197	9	11	23	5	9	<5	0.35	135	0.013
888906		<5	31.42	<.5	20	14	64	<1	31	10	<1.0	<5	10	<5	4.57	620	<25	793	78	70	<20	<20	37	8.58	1.12	1.12	1.90	2.00	240	14	14	27	8	10	<5	0.37	137	0.008
888907		<5	31.09	<.5	15	9	62	1	28	9	<1.0	<5	7	<5	4.26	425	<25	709	65	71	<20	<20	28	8.33	1.06	1.00	1.73	1.95	212	10	11	28	7	9	<5	0.35	130	0.010
888908		<5	30.11	<.5	24	5	70	<1	30	11	<1.0	<5	10	<5	4.26	560	<25	717	70	65	<20	<20	39	7.87	1.07	1.20	1.63	1.87	213	13	12	27	5	10	8	0.34	146	0.024
888909		<5	30.30	<.5	42	6	80	<1	36	13	<1.0	<5	11	<5	4.32	615	<25	663	91	73	<20	<20	28	4.16	1.14	0.91	1.73	2.03	144	10	12	31	6	6	<5	0.36	147	0.014
888910		<5	15.05	<.5	133	4	15	2	41	9	<1.0	<5	10	<5	2.08	864	<25	124	30	20	<20	<20	19	1.47	0.30	4.84	0.25	0.31	86	<5	<10	5	<5	<5	<5	0.06	19	0.257
888911		<5	29.76	<.5	317	10	135	6	100	65	<1.0	<5	110	<5	>10.00	1693	<25	324	73	140	<20	<20	17	6.03	1.46	1.69	1.31	1.02	126	13	<10	17	9	17	7	0.36	115	0.052
888912		<5	32.17	<.5	87	8	116	2	58	23	<1.0	<5	39	<5	>10.00	796	<25	320	112	172	<20	<20	12	7.73	1.80	0.76	1.46	1.18	93	9	<10	26	12	17	13	0.46	88	0.023
888913		<5	30.06	<.5	105	<2	110	4	58	24	<1.0	<5	36	<5	8.07	956	<25	370	122	157	<20	<20	20	7.74	1.57	1.12	1.47	1.30	105	12	<10	22	13	16	<5	0.44	94	0.022
888914		<5	31.30	<.5	14	15	48	<1	27	10	<1.0	<5	9	<5	3.89	505	<25	735	60	63	<20	<20	38	7.89	0.94	1.09	1.93	2.02	256	12	13	23	8	9	<5	0.34	156	0.006
888915		<5	30.78	<.5	104	7	117	<1	62	34	<1.0	<5	19	<5	7.31	779	<25	529	112	139	<20	<20	42	8.61	1.50	1.28	1.51	1.61	154	13	12	28	9	16	14	0.33	74	0.035
888916		<5	23.83	<.5	66	<2	107	2	39	14	<1.0	<5	14	<5	4.25	691	<25	574	74	69	<20	<20	31	6.77	1.07	2.06	1.15	1.72	187	10	<10	26	7	10	13	0.28	76	0.078
888917		<5	15.22	<.5	158	4	69	<1	63	25	1.2	<5	17	<5	4.56	852	<25	165	65	137	<20	<20	35	4.30	1.21	3.52	0.46	0.41	124	23	<10	10	9	19	12	0.39	40	0.099
888918		<5	30.64	<.5	38	<2	113	<1	19	2	<1.0	<5	7	<5	9.75	1076	<25	38	225	463	<20	<20	6	8.67	3.73	2.49	2.58	0.24	71	15	<10	21	43	32	<5	1.23	53	0.027
888919		<5	11.29	<.5	218	6	11	<1	32	21	<1.0	<5	15	<5	0.93	1428	<25	116	15	22	<20	<20	7	0.85	0.16	3.63	0.11	0.11	53	<5	<10	2	<5	<5	<5	0.05	7	0.164
888920		<5	31.13	<.5	27	13	72	2	32	12	<1.0	<5	11	<5	4.80	590	<25	754	71	68	<20	<20	38	8.07	1.13	1.26	1.77	2.05	230	15	11	27	6	10	<5	0.34	146	0.024
888921		<5	30.27	<.5	22	9	70	2	29	11	<1.0	<5	5	<5	4.72	415	<25	776	65	66	<20	<20	38	8.12	1.09	1.28	1.93	2.05	250	14	10	27	8	10	<5	0.34	157	0.019
888922		<5	32.74	<.5	22	16	60	<1	28	10	<1.0	<5	<5	<5	4.14	687	<25	759	62	59	<20	<20	37	7.80	0.95	1.25	1.94	1.96	259	13	<10	23	5	9	<5	0.31	137	0.018

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ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62338.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 2B(4/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
888893		1.9	802	<20
888894		1.9	785	<20
888895		1.0	962	<20
888896		1.3	746	<20
888897		1.9	791	<20
888898		1.8	815	<20
888899		1.9	820	<20
888900		2.0	773	<20
888901		1.9	859	<20
888902		1.7	786	<20
888903		1.9	953	<20
888904		<1.0	541	<20
888905		1.6	407	<20
888906		1.9	680	<20
888907		1.7	388	<20
888908		1.7	800	<20
888909		1.9	828	<20
888910		<1.0	852	<20
888911		1.1	776	<20
888912		1.2	491	<20
888913		1.4	382	<20
888914		1.7	500	<20
888915		1.8	480	<20
888916		1.4	785	<20
888917		<1.0	831	<20
888918		1.1	584	<20
888919		<1.0	1203	<20
888920		1.8	824	<20
888921		1.8	840	<20
888922		1.7	798	<20

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62338.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 3A(5/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AUPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
888923		<5	30.34	<.5	21	18	81	<1	43	12	<1.0	<5	<5	<5	4.54	672	<25	749	78	66	<20	<20	40	8.08	1.09	1.25	1.80	1.94	240	14	11	27	7	10	<5	0.34	145	0.022
888924		<5	30.11	<.5	20	8	65	1	33	10	<1.0	<5	6	<5	4.31	446	<25	749	60	66	<20	<20	40	7.90	1.06	1.15	1.87	1.95	244	15	10	27	7	10	<5	0.35	142	0.008
888925		<5	30.84	<.5	23	5	89	1	30	10	<1.0	<5	8	<5	5.10	503	<25	763	72	70	<20	<20	41	8.33	1.14	1.25	1.86	2.07	245	15	<10	29	9	10	17	0.36	157	0.013
888926		<5	31.52	<.5	27	10	86	2	36	12	<1.0	<5	14	<5	5.08	655	<25	787	74	72	<20	<20	40	8.45	1.23	1.21	1.80	2.11	232	15	11	29	8	10	6	0.36	146	0.010
888927		<5	30.25	<.5	34	7	217	3	37	14	<1.0	<5	11	<5	7.67	1164	<25	666	65	64	<20	<20	40	7.33	1.01	1.31	1.58	2.04	215	15	<10	24	7	10	17	0.32	143	0.032
888928		<5	30.46	<.5	39	<2	261	3	39	16	<1.0	<5	<5	<5	>10.00	2120	<25	472	56	49	<20	<20	34	5.01	0.73	1.26	1.15	1.51	151	12	<10	17	<5	7	25	0.23	94	0.071
888929		6	15.02	<.5	90	4	100	1	73	32	1.0	<5	11	<5	4.57	1405	<25	224	59	74	<20	<20	22	3.80	0.99	2.28	0.55	0.56	77	12	<10	14	<5	10	6	0.19	28	0.627
888930		<5	30.13	<.5	23	8	70	<1	34	14	<1.0	<5	7	<5	4.58	755	<25	750	81	75	<20	<20	34	8.03	1.14	1.02	1.86	1.94	224	13	<10	30	8	10	12	0.37	125	0.009
888931		<5	31.72	<.5	25	7	76	2	31	11	<1.0	<5	7	<5	4.31	466	<25	730	49	67	<20	<20	36	7.71	1.06	1.37	1.74	2.06	217	14	<10	28	9	10	<5	0.34	134	0.032
888932		<5	30.43	<.5	30	13	84	<1	39	11	<1.0	<5	9	<5	4.59	591	<25	744	83	71	<20	<20	38	8.21	1.17	1.22	1.75	1.91	221	15	12	33	7	10	<5	0.36	130	0.014
888933		13	30.40	<.5	127	3	131	5	67	20	<1.0	<5	59	<5	>10.00	633	<25	285	84	172	<20	<20	11	6.33	1.83	0.79	1.20	1.04	89	8	<10	20	15	18	<5	0.43	87	0.048
888934		25	30.11	<.5	42	30	74	2	32	20	<1.0	<5	12	<5	5.19	635	<25	598	58	73	<20	<20	40	7.60	0.96	0.85	1.50	1.82	179	10	11	25	8	9	13	0.33	133	0.014
888935		<5	30.29	<.5	58	14	58	1	32	10	<1.0	<5	16	<5	5.02	477	<25	616	76	64	<20	<20	22	3.87	0.94	0.57	1.50	1.66	125	6	11	23	<5	5	<5	0.32	139	0.016
888936		<5	27.91	<.5	134	<2	92	1	67	24	<1.0	<5	35	<5	>10.00	826	<25	346	111	138	<20	<20	16	6.45	1.83	1.26	1.31	1.32	91	10	<10	21	12	14	<5	0.43	79	0.042
888937		<5	30.81	<.5	161	9	134	2	88	54	<1.0	<5	35	<5	8.95	2987	<25	488	110	157	<20	<20	30	7.85	1.71	1.36	1.31	1.53	130	14	11	28	13	19	13	0.41	79	0.029
888938		PE																																				
888939		<5	30.37	<.5	37	7	52	<1	66	27	<1.0	<5	25	<5	5.58	960	<25	449	105	114	<20	<20	17	7.00	1.94	1.08	1.57	1.44	155	11	<10	21	10	14	5	0.42	100	0.016
888940		<5	30.13	<.5	6	13	52	<1	25	13	<1.0	<5	8	6	7.94	673	<25	575	87	102	<20	<20	35	6.64	0.94	1.38	1.85	1.55	246	14	<10	16	10	10	<5	0.38	299	0.008
888941		<5	17.66	<.5	73	<2	376	3	103	28	4.2	<5	15	<5	5.47	>20000	<25	865	48	37	<20	<20	30	3.77	0.64	2.40	0.54	0.83	127	11	<10	15	<5	6	<5	0.13	37	0.175
888942		<5	30.09	<.5	24	<2	80	2	35	12	<1.0	<5	12	<5	5.31	929	<25	761	83	78	<20	<20	36	7.10	1.27	1.08	1.79	1.76	201	14	10	31	10	10	<5	0.39	127	0.011
888943		<5	31.51	<.5	12	<2	51	1	24	6	<1.0	<5	5	<5	3.17	369	<25	737	62	60	<20	<20	27	6.12	0.90	1.37	2.13	1.57	245	13	<10	19	7	8	18	0.33	178	0.020
888944		<5	18.75	0.5	49	9	58	2	36	12	<1.0	<5	9	<5	3.76	361	<25	627	75	66	<20	<20	40	5.47	0.85	0.59	0.84	1.64	104	13	10	29	<5	9	9	0.21	52	0.132
888945		<5	31.79	<.5	28	7	72	<1	33	11	<1.0	<5	12	<5	4.84	819	<25	703	84	74	<20	<20	34	7.93	1.16	0.99	1.60	1.58	231	13	<10	31	11	8	<5	0.37	127	0.020
888946		<5	30.34	<.5	20	8	65	<1	30	11	<1.0	<5	7	<5	4.03	540	<25	761	72	67	<20	<20	38	6.31	1.08	1.18	1.86	1.66	215	13	<10	27	9	9	<5	0.34	164	0.014
888947		<5	30.89	<.5	24	13	64	1	31	10	<1.0	<5	12	<5	4.33	459	<25	782	70	67	<20	<20	42	6.73	1.09	1.21	1.94	1.81	232	14	12	29	7	9	<5	0.33	155	0.011
888948		<5	17.54	<.5	61	7	59	2	39	6	<1.0	<5	7	<5	2.14	265	<25	408	50	36	<20	<20	27	3.65	0.68	1.98	0.86	1.17	118	9	<10	16	<5	6	<5	0.17	81	0.634
888949		<5	29.95	<.5	39	<2	85	1	45	12	<1.0	<5	13	<5	4.40	1136	<25	653	78	65	<20	<20	33	6.14	1.11	1.59	1.44	1.78	171	13	12	32	9	9	9	0.31	101	0.092
888950		<5	32.53	<.5	38	8	96	2	41	13	<1.0	<5	10	<5	4.59	602	<25	701	77	68	<20	<20	37	6.89	1.12	1.37	1.63	1.50	204	15	11	30	8	9	<5	0.33	141	0.046
888951		<5	30.07	<.5	139	32	147	9	35	23	1.2	<5	53	<5	>10.00	1251	<25	192	54	59	<20	<20	19	2.97	0.53	0.44	0.52	0.61	51	6	<10	7	<5	5	<5	0.15	62	0.125
888952		<5	27.69	<.5	73	<2	134	2	45	16	<1.0	<5	25	<5	5.54	823	<25	443	76	73	<20	<20	27	5.54	0.96	2.08	0.95	1.40	127	10	<10	24	5	9	<5	0.22	63	0.102

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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62338.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 3B(6/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
888923		1.8	795	<20
888924		1.8	790	<20
888925		1.9	838	<20
888926		2.0	781	<20
888927		1.7	814	<20
888928		1.3	869	<20
888929		<1.0	729	<20
888930		1.8	614	<20
888931		1.8	847	<20
888932		1.8	753	<20
888933		<1.0	572	<20
888934		1.5	489	<20
888935		1.5	488	<20
888936		1.4	507	<20
888937		1.5	395	<20
888938				
888939		1.3	301	<20
888940		1.7	729	<20
888941		1.2	1815	<20
888942		1.9	796	<20
888943		1.7	954	<20
888944		1.8	1116	<20
888945		1.9	856	<20
888946		1.8	829	<20
888947		1.8	834	<20
888948		1.1	860	<20
888949		1.7	816	<20
888950		1.9	884	<20
888951		<1.0	762	<20
888952		1.3	815	<20

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62338.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 4A(7/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuPds1 GM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
888953		<5	30.06	<.5	45	<2	91	2	39	15	<1.0	<5	10	<5	5.06	486	<25	637	82	68	<20	<20	41	6.46	1.08	1.52	1.45	1.74	176	13	13	30	8	10	<5	0.32	99	0.083
888954		<5	30.73	<.5	57	18	76	3	42	14	<1.0	<5	10	<5	4.74	512	<25	622	99	84	<20	<20	33	3.97	1.25	1.21	1.58	1.78	133	12	11	26	9	8	<5	0.36	99	0.044
888955		<5	30.28	<.5	42	5	70	1	37	10	<1.0	<5	6	<5	4.25	520	<25	738	75	67	<20	<20	39	6.74	1.12	1.28	1.75	1.59	210	13	<10	28	10	10	<5	0.35	129	0.033
888956		<5	30.29	<.5	48	4	68	<1	40	9	<1.0	<5	6	<5	3.95	492	<25	655	82	65	<20	<20	38	5.76	1.07	1.34	1.49	1.70	172	12	13	27	8	9	<5	0.31	100	0.057
888957		<5	30.66	<.5	42	12	67	2	35	11	<1.0	<5	7	<5	3.63	537	<25	570	76	58	<20	<20	34	4.03	0.96	1.75	1.33	1.69	133	10	<10	23	<5	8	6	0.28	92	0.070
888958		<5	31.00	<.5	28	9	63	<1	29	11	<1.0	<5	7	<5	4.38	592	<25	745	83	67	<20	<20	37	7.27	1.02	1.39	1.88	1.70	236	13	10	23	9	9	<5	0.34	158	0.019

CHIMITEC
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Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62338.0 (COMPLET) DATE RECU : 12-JUL-00 DATE DE L'IMPRESSION: 28-JUL-00 PAGE 4B(8/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
888953		1.8	818	<20
888954		1.7	789	<20
888955		1.8	895	<20
888956		1.7	893	<20
888957		1.5	826	<20
888958		1.8	811	<20

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC.
PROJET: 1504
RAPPORT: C00-62707.0 (COMPLET)
DATE RECU : 01-AUG-00 DATE DE L'IMPRESSION: 17-AUG-00 PAGE 1A(1/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuDup1 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
890651		<5		<.5	45	51	131	9	28	7	6.3	8	24	<5	6.80	317	<25	403	83	148	<20	<20	13	6.97	0.80	0.42	1.32	1.68	87	7	16	19	14	14	<5	0.28	107	0.017
890652		<5		0.7	41	39	105	2	38	13	<1.0	<5	56	<5	>10.00	345	<25	178	122	306	<20	<20	7	6.70	2.96	0.35	1.14	0.76	49	5	15	50	25	28	<5	0.33	89	0.153
890653		7		<.5	93	31	213	2	52	20	<1.0	<5	25	<5	6.04	536	<25	553	63	86	<20	<20	21	7.41	1.10	0.99	1.76	1.85	198	9	12	25	10	11	<5	0.28	117	0.024
890654		<5		<.5	24	14	64	2	24	11	<1.0	<5	8	<5	5.13	484	<25	516	58	80	<20	<20	19	6.68	0.96	0.88	1.66	1.82	178	8	12	18	9	10	<5	0.25	133	0.015
890655		<5		<.5	14	15	54	1	27	11	<1.0	<5	<5	<5	3.77	472	<25	713	44	64	<20	<20	34	7.72	0.95	1.21	2.09	2.12	254	12	15	22	10	10	<5	0.29	149	0.010
890656		<5		<.5	17	15	56	1	26	9	<1.0	<5	<5	<5	3.72	427	<25	657	40	68	<20	<20	29	7.34	0.95	1.07	1.90	2.16	225	10	17	21	10	10	<5	0.28	140	0.013
890657		<5		<.5	22	4	96	<1	34	12	<1.0	<5	<5	<5	4.14	1103	<25	604	45	66	<20	<20	34	6.89	0.97	1.21	1.57	1.79	191	12	15	28	8	10	<5	0.25	95	0.059
890658		<5		<.5	204	33	150	8	104	40	<1.0	<5	23	<5	>10.00	928	<25	226	119	246	<20	<20	12	6.02	1.03	0.17	1.32	1.29	39	6	<10	13	18	25	<5	0.21	73	0.075
890659		5		<.5	80	20	247	4	66	20	<1.0	<5	22	<5	9.42	754	<25	369	80	122	<20	<20	16	6.24	1.37	1.42	1.32	1.36	121	8	<10	19	13	14	<5	0.27	87	0.061
890660		<5		0.8	302	11	184	8	20	13	<1.0	<5	51	<5	>10.00	120	<25	236	43	84	<20	<20	19	4.28	0.17	0.18	0.51	1.22	66	<5	<10	6	9	8	<5	0.24	102	0.189
890661		<5		<.5	227	15	190	<1	220	96	<1.0	<5	109	<5	>10.00	1708	<25	78	143	292	<20	<20	8	6.82	0.59	0.18	1.05	0.66	73	6	<10	54	21	40	<5	0.36	57	0.028
890662		8		<.5	72	165	508	2	61	29	<1.0	<5	40	<5	8.35	912	<25	385	91	166	<20	<20	21	7.01	1.26	0.86	1.46	1.31	145	9	11	31	19	18	<5	0.37	127	0.022
890663		<5		<.5	112	13	256	3	74	25	<1.0	<5	32	<5	>10.00	778	<25	256	100	215	<20	<20	15	6.38	1.29	0.69	1.44	0.98	108	9	<10	17	18	23	<5	0.44	93	0.046
890664		<5		<.5	19	14	56	<1	29	10	<1.0	6	<5	<5	3.98	533	<25	670	53	66	<20	<20	36	7.43	0.96	1.17	1.91	2.11	233	12	12	25	11	10	<5	0.29	137	0.013
890665		<5		<.5	18	17	57	<1	26	10	<1.0	<5	5	<5	3.99	563	<25	685	40	66	<20	<20	36	7.34	0.99	1.17	1.92	2.16	235	13	13	23	9	10	<5	0.27	134	0.010
890666		<5		<.5	284	15	44	1	49	10	<1.0	<5	37	<5	3.42	309	<25	364	50	102	<20	<20	30	5.52	0.99	1.40	1.23	1.17	151	12	<10	13	10	14	<5	0.29	101	0.084
890667		<5		<.5	19	<2	47	6	4	2	<1.0	<5	7	<5	8.02	131	<25	311	80	225	<20	<20	30	6.32	0.53	0.07	0.95	1.76	34	<5	18	22	24	12	<5	0.22	38	0.160
890668		<5		<.5	82	20	177	4	45	15	<1.0	<5	50	<5	>10.00	388	<25	248	95	189	<20	<20	16	5.38	1.19	0.59	1.10	1.09	67	6	<10	13	16	16	<5	0.36	85	0.176
890669		27	41	1.0	289	284	674	<1	70	46	4.5	<5	1392	<5	>10.00	1514	<25	97	118	250	<20	<20	<5	5.60	2.00	0.21	0.77	0.37	20	5	<10	50	19	26	<5	0.23	44	0.049
890670		8		<.5	179	69	142	8	141	85	7.9	<5	83	<5	>10.00	3699	<25	86	121	241	<20	<20	6	6.32	2.70	0.31	1.03	0.28	27	20	<10	39	17	31	<5	0.21	36	0.026
890671		<5		0.7	107	18	163	<1	81	33	1.5	<5	22	<5	>10.00	694	<25	116	146	356	<20	<20	<5	7.94	1.40	0.19	2.53	0.76	51	6	15	17	32	39	<5	0.45	39	0.019
890672		<5		<.5	48	10	77	<1	30	14	<1.0	<5	6	<5	6.62	424	<25	648	61	81	<20	<20	26	7.90	0.98	0.81	1.72	1.98	200	9	17	25	11	11	<5	0.30	133	0.021
890673		<5		<.5	13	22	50	<1	24	8	<1.0	<5	<5	<5	3.83	429	<25	694	50	63	<20	<20	33	7.56	0.96	1.06	1.97	2.28	243	11	11	22	11	10	<5	0.28	161	0.011
890674		<5		<.5	40	14	91	1	44	17	<1.0	<5	6	<5	4.68	1039	<25	678	55	76	<20	<20	38	7.68	1.13	1.04	1.80	2.17	203	14	13	28	9	11	<5	0.29	123	0.020
890675		<5		<.5	35	12	80	<1	43	11	<1.0	<5	16	<5	8.24	490	<25	533	79	116	<20	<20	22	6.75	1.37	0.81	1.27	1.89	134	9	17	19	13	14	<5	0.37	131	0.045
890676		7		3.7	255	69	221	9	38	17	1.3	<5	39	<5	>10.00	1061	<25	109	34	59	<20	<20	19	2.36	0.21	0.23	0.23	0.41	32	10	<10	4	<5	6	<5	0.09	55	0.204
890677		<5		2.0	116	13	205	8	18	9	<1.0	<5	<5	<5	>10.00	115	<25	298	49	83	<20	<20	23	4.63	0.28	0.29	0.60	1.39	79	<5	<10	6	6	7	<5	0.24	118	0.166
890678		<5		1.6	118	65	185	3	25	8	<1.0	<5	35	<5	>10.00	164	<25	425	149	268	<20	<20	11	7.56	0.55	0.21	0.60	2.22	72	<5	12	19	18	30	<5	0.31	91	0.095
890679		16		<.5	60	23	196	2	51	28	<1.0	<5	14	<5	8.65	1164	<25	171	142	280	<20	<20	6	6.91	2.29	0.61	1.11	0.59	70	12	11	39	23	30	<5	0.40	65	0.018
890680		<5		0.5	82	16	78	4	43	14	<1.0	<5	16	<5	9.08	332	<25	189	100	188	<20	<20	7	7.29	0.88	0.38	2.75	0.82	74	5	13	17	17	16	<5	0.34	101	0.024

CHIMITEC
BONDAR CLEGG

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62707.0 (COMPLET) DATE RECU : 01-AUG-00 DATE DE L'IMPRESSION: 17-AUO-00 PAGE 1B(2/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
890651		1.3	360	<20
890652		<1.0	379	<20
890653		1.4	425	<20
890654		1.3	321	<20
890655		1.6	620	<20
890656		1.5	391	<20
890657		1.5	722	<20
890658		<1.0	561	<20
890659		<1.0	660	<20
890660		<1.0	1466	25
890661		<1.0	452	<20
890662		<1.0	335	<20
890663		<1.0	540	<20
890664		1.5	576	<20
890665		1.5	686	<20
890666		1.0	481	<20
890667		2.4	850	<20
890668		<1.0	637	<20
890669		<1.0	872	<20
890670		<1.0	504	<20
890671		<1.0	399	<20
890672		1.6	492	<20
890673		1.5	523	<20
890674		1.8	665	<20
890675		1.2	650	<20
890676		<1.0	2357	55
890677		<1.0	1255	24
890678		<1.0	765	<20
890679		<1.0	429	<20
890680		<1.0	384	34

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ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-62707.0 (COMPLET) DATE RECU : 01-AUG-00 DATE DE L'IMPRESSION: 17-AUO-00 PAGE 2A(3/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	AuDup1 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe Tot PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	S PCT
890681		<5		<.5	19	15	65	<1	32	11	<1.0	<5	<5	<5	4.14	606	<25	707	42	65	<20	<20	36	7.70	0.97	1.10	1.99	2.26	238	12	13	23	9	10	<5	0.29	138	0.011
890682		<5		<.5	21	11	54	1	29	11	<1.0	<5	<5	<5	4.11	528	<25	699	57	68	<20	<20	38	7.52	1.00	1.36	1.96	2.00	235	14	13	23	9	10	<5	0.29	159	0.018
890683		<5		<.5	142	20	134	<1	49	16	<1.0	<5	12	<5	5.38	697	<25	748	61	85	<20	<20	56	8.39	1.24	1.01	1.76	2.14	202	16	15	28	12	13	<5	0.31	120	0.049
890684		245	10	<.5	72	17	130	2	58	20	<1.0	<5	33	<5	6.16	679	<25	517	72	96	<20	<20	23	7.87	1.36	1.02	1.63	1.68	166	11	15	27	10	13	<5	0.31	106	0.030
890685		<5		<.5	55	18	107	3	50	13	<1.0	<5	41	<5	9.39	783	<25	360	97	145	<20	<20	13	6.37	1.46	0.82	1.48	1.35	108	8	12	16	14	17	<5	0.38	96	0.081
890686		<5		<.5	89	18	109	<1	66	23	<1.0	<5	28	<5	7.11	625	<25	533	62	109	<20	<20	21	7.71	1.36	1.00	1.60	1.64	170	8	15	27	11	14	<5	0.33	111	0.024
890687		<5		<.5	258	448	906	9	136	34	5.7	<5	15	<5	>10.00	1414	<25	98	122	224	<20	<20	6	5.49	0.25	0.11	0.59	1.11	85	<5	<10	32	14	28	<5	0.14	46	0.066
890688		<5		<.5	13	14	53	1	24	8	<1.0	<5	6	<5	3.63	406	<25	701	44	60	<20	<20	22	7.29	0.90	1.05	1.92	2.23	229	10	13	20	10	9	<5	0.26	154	0.011
890689		<5		<.5	9	18	44	<1	23	7	<1.0	<5	<5	<5	3.42	378	<25	707	52	57	<20	<20	29	7.46	0.88	1.13	1.94	2.27	244	10	13	18	10	9	<5	0.27	144	0.011
890690		<5		<.5	12	13	46	2	23	8	<1.0	<5	<5	<5	3.77	437	<25	703	40	61	<20	<20	31	7.50	0.91	1.15	1.97	2.19	245	11	14	19	9	9	<5	0.28	160	0.012
890691		8		3.9	244	40	952	26	166	17	4.2	<5	137	<5	>10.00	1307	<25	157	40	236	<20	<20	44	4.84	0.33	0.28	0.90	0.86	70	17	<10	33	20	8	<5	0.21	124	0.146
890692		7		3.0	287	70	468	10	115	55	1.5	<5	25	<5	>10.00	976	<25	91	25	41	<20	<20	16	2.49	0.44	1.49	0.19	0.40	47	9	<10	7	<5	<5	<5	0.05	42	0.144
890693		181	85	<.5	16	7	27	<1	10	13	<1.0	<5	6	<5	>10.00	3886	<25	7	<2	26	<20	<20	8	0.34	0.60	1.31	<.01	0.05	28	6	<10	<2	<5	<5	<5	0.02	7	0.086
890694		290	349	<.5	35	13	28	3	24	21	<1.0	<5	15	<5	>10.00	6209	<25	8	<2	19	<20	<20	8	0.17	0.43	0.50	0.01	0.04	16	7	<10	<2	<5	<5	<5	0.01	7	0.103
890695		<5		<.5	27	14	89	<1	37	14	<1.0	<5	5	<5	5.98	1230	<25	472	39	59	<20	<20	27	5.75	1.14	1.92	1.36	1.60	180	10	<10	18	6	8	<5	0.21	94	0.078
890696		12		<.5	121	8	138	2	85	36	<1.0	<5	20	<5	>10.00	881	<25	169	167	245	<20	<20	8	6.99	2.60	2.36	1.05	0.60	166	13	<10	23	20	26	<5	0.34	61	0.032
890697		8		<.5	135	12	83	3	46	22	<1.0	<5	13	<5	>10.00	440	<25	181	88	255	<20	<20	8	6.02	2.71	0.61	0.82	0.60	61	11	12	20	22	20	<5	0.44	65	0.024
890698		<5		<.5	32	35	126	6	27	11	<1.0	<5	38	<5	8.92	425	<25	548	37	86	<20	<20	21	6.44	0.78	1.08	1.62	1.89	211	7	10	14	11	8	<5	0.24	148	0.033
890699		8		<.5	65	42	271	6	56	17	<1.0	<5	68	<5	>10.00	550	<25	263	119	251	<20	<20	6	6.89	2.01	0.61	0.92	1.13	82	7	11	31	20	26	<5	0.34	86	0.029
890700		6		2.1	153	34	136	11	61	9	<1.0	<5	16	<5	8.91	290	<25	411	43	86	<20	<20	27	6.22	0.57	0.89	0.86	1.75	124	10	14	16	11	10	<5	0.26	173	0.047

CHIMITEC
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ISO 9002 REGISTERED KPMG VANCOUVER BRANCH

Rapport Lab Geochimie
Geochemical Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504
RAPPORT: C00-62707.0 (COMPLET) DATE RECU : 01-AUG-00 DATE DE L'IMPRESSION: 17-AUG-00 PAGE 2B(4/ 8)

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Be PPM	P PPM	U PPM
890681		1.5	529	<20
890682		1.8	819	<20
890683		1.8	469	<20
890684		1.6	407	<20
890685		1.1	551	<20
890686		1.5	332	<20
890687		1.1	836	<20
890688		1.6	578	<20
890689		1.6	578	<20
890690		1.7	536	<20
890691		1.9	1181	<20
890692		<1.0	1315	<20
890693		<1.0	298	<20
890694		<1.0	393	<20
890695		1.4	908	<20
890696		<1.0	333	<20
890697		<1.0	330	20
890698		1.5	483	<20
890699		1.1	382	<20
890700		1.3	841	<20

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BONDAR CLEGG

Certificat D'Analyse
Assay Lab Report

RAPPORT: C00-63041.0 (COMPLET) RÉFÉRENCE: 148678

CLIENT: MINES ET EXPLORATION NORANDA INC. SOUMIS PAR: S.TREPANIER
PROJET: 1504 DATE RECU: 23-AUG-00 DATE DE L'IMPRESSION: 31-AUO-00

DATE APPROUVÉ	COMMANDE	ÉLÉMENT		NOMBRE D'ANALYSES	LIMITE INFÉRIEURE DE DETECTION	EXTRACTION	MÉTHODE
000828	1	Au30	Or	22	5 PPB	Pyro Analyse de 30g	30g Pyroanalyse - AA
000828	2	Pb	Plomb	22	2 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000828	3	Pb	Plomb	5	0.01 PCT	HF-HNO3-HCLO4-HCL	ABSORPTION ATOMIQUE
000828	4	Zn	Zinc	22	1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000828	5	Zn	Zinc	3	0.01 PCT	HF-HNO3-HCLO4-HCL	ABSORPTION ATOMIQUE
000828	6	Ag	Argent	22	0.1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000828	7	AgOL	Argent,semiquant.	5	1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000828	8	Ag	Argent	5	0.7 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE
000828	9	Cu	Cuivre	22	1 PPM	HCL:HNO3 (3:1)	ABSORPTION ATOMIQUE

TYPES D'ÉCHANTILLONS	NOMBRE	FRACTION UTILISÉE	NOMBRE	PRÉP. DE L'ÉCHAN.	NOMBRE
SOL	22	-80	22	SECHAGE, TAMIS -80	22

COPIES DU RAPPORT À: SYLVAIN TREPANIER FACTURE À: SYLVAIN TREPANIER

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Ce rapport ne doit être reproduit que dans sa totalité. Les données présentées dans ce rapport sont exprimées sur base sèche sauf indication contraire et ne concernent que les échantillons reçus, identifiés par le numéro d'échantillon.

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M Berge TP

CHIMITEC
BONDAR CLEGG

VANCOUVER BRANCH

Certificat D'Analyse
Assay Lab Report

CLIENT : MINES ET EXPLORATION NORANDA INC. PROJET: 1504

RAPPORT: C00-63041.0 (COMPLET) DATE RECU: 23-AUG-00 DATE DE L'IMPRESSION: 31-AUG-00

NUMÉRO DE L'ÉCHANTILLON	ÉLÉMENT UNITÉS	Au30 PPB	Pb PPM	Pb PCT	Zn PPM	Zn PCT	Ag PPM	AgOL PPM	Ag PPM	Cu PPM
890701		<5	10		615		0.2			94
890702		<5	11		698		<0.1			60
890703		<5	7		581		0.4			77
890704		<5	12		176		1.6			183
890705		<5	249		177		1.3			34
890706		<5	12		43		0.2			17
890707		<5	13		57		0.2			15
890708		<5	16		72		<0.1			24
890709		<5	20		90		<0.1			35
890710		<5	15		72		1.4			34
890711		<5	12		82		0.2			28
890712		<5	28		267		1.1			105
890713		<5	10		113		0.3			25
890714		<5	27		35		0.5			52
890715		5	44		24		2.4			140
890716		2290	>10000	6.10	3223		>50.0	177	174.6	1871
890717		2586	>10000	5.22	8178	0.74	>50.0	174	174.9	3903
890718		1451	>10000	1.14	5832	0.56	>50.0	75	65.0	1922
890719		1687	>10000	2.93	5964	0.56	>50.0	69	67.0	1521
890720		460	>10000	2.56	520		>50.0	127	126.1	94
890721		<5	40		166		0.5			24
890722		<5	6		24		<0.1			6

Chimitec - Bondar Clegg
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1994 – 1996 – CERTIFICATES: Kennecott

1996 – Prospection: Kennecott

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9626061

Comments: ATN: J. BURGESS

CERTIFICATE A9626061

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. #:

Samples submitted to our lab in Mississauga, ON.
This report was printed on 12-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	12	Geochem ring to approx 150 mesh
226	12	0-3 Kg crush and split
220	12	Transferring charge
238	12	Nitric-aqua-regia digestion
229	12	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	12	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	12	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	12	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	12	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	12	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	12	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	12	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	12	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	12	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	12	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	12	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	12	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	12	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	12	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	12	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	12	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	12	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	12	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	12	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	12	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	12	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	12	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	12	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	12	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	12	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	12	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	12	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	12	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	12	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	12	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	12	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	12	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	12	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	12	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	12	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :1-A
Total Pages :1
Certificate Date: 12-AUG-96
Invoice No. :I9626061
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626061

SAMPLE	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
4111	205 226	< 5	2	4	< 0.2	0.34	2	30	< 0.5	< 2	< 0.01	< 0.5	1	138	14	0.79	< 10	30	0.21	20
4112	205 226	15	< 1	3	< 0.2	0.37	12	20	< 0.5	< 2	< 0.01	< 0.5	1	95	30	0.87	< 10	70	0.24	40
4187	205 226	45	13	5	< 0.2	0.67	6	30	< 0.5	< 2	0.02	< 0.5	< 1	96	21	0.25	< 10	90	0.22	< 10
4201	205 226	15	20	70	3.0	0.71	204	10	< 0.5	< 2	0.01	< 0.5	11	146	16	9.82	< 10	840	0.36	< 10
4300	205 226	5	3	8	< 0.2	0.39	< 2	90	< 0.5	< 2	0.34	< 0.5	4	121	25	4.26	< 10	< 10	0.18	< 10
4301	205 226	< 5	< 1	55	< 0.2	2.12	12	70	< 0.5	< 2	1.42	< 0.5	13	86	18	3.29	< 10	< 10	0.53	30
4302	205 226	< 5	4	9	0.2	0.07	< 2	< 10	< 0.5	< 2	0.53	< 0.5	10	224	27	1.94	< 10	< 10	0.01	< 10
4303	205 226	< 5	6	23	< 0.2	0.73	6	40	< 0.5	< 2	0.23	< 0.5	7	179	10	1.39	< 10	< 10	0.23	20
4174	205 226	< 5	3	28	< 0.2	0.95	2	10	< 0.5	< 2	0.12	< 0.5	1	56	10	3.07	< 10	< 10	0.11	< 10
8774	205 226	10	6	2	< 0.2	0.39	2	20	< 0.5	< 2	< 0.01	< 0.5	< 1	68	4	0.33	< 10	120	0.27	40
8792	205 226	25	8	13	0.2	1.03	4	20	< 0.5	< 2	0.15	< 0.5	< 1	83	3	0.27	< 10	130	0.18	< 10
8983	205 226	20	15	5	0.2	0.41	2	40	< 0.5	< 2	< 0.01	< 0.5	1	42	35	2.67	< 10	< 10	0.31	40

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 12-AUG-96
Invoice No. :I9626061
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626061

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4111	205 226	0.03	15	15	< 0.01	34	60	6	< 2	< 1	1	< 0.01	< 10	< 10	29	< 10	2
4112	205 226	0.03	10	30	< 0.01	47	110	6	< 2	< 1	1	< 0.01	< 10	< 10	24	< 10	2
4187	205 226	0.01	5	6	0.07	26	40	16	< 2	< 1	7	< 0.01	< 10	< 10	22	< 10	2
4201	205 226	0.04	5	51	< 0.01	88	50	30	6	< 1	2	< 0.01	< 10	< 10	78	< 10	84
4300	205 226	0.26	465	< 1	< 0.01	39	1380	6	< 2	< 1	8	0.02	< 10	< 10	16	< 10	6
4301	205 226	1.43	545	1	0.01	33	170	2	< 2	1	12	0.05	< 10	< 10	30	< 10	62
4302	205 226	0.24	590	1	< 0.01	27	50	2	< 2	< 1	6	< 0.01	< 10	< 10	1	< 10	8
4303	205 226	0.36	160	1	0.01	29	50	10	< 2	1	3	0.01	< 10	< 10	13	< 10	26
4174	205 226	0.21	25	18	0.07	11	230	6	< 2	< 1	13	< 0.01	< 10	< 10	19	< 10	32
8774	205 226	0.04	5	1	< 0.01	6	50	8	< 2	< 1	3	< 0.01	< 10	< 10	8	< 10	< 2
8792	205 226	0.01	5	5	0.08	5	10	14	< 2	< 1	12	< 0.01	< 10	< 10	32	< 10	14
8983	205 226	0.04	15	18	< 0.01	11	200	22	< 2	< 1	2	< 0.01	< 10	< 10	13	< 10	4

CERTIFICATION:

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A9626636

Comments: ATN: J. BURGESS

CERTIFICATE A9626636

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 14-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	84	Geochem ring to approx 150 mesh
226	84	0-3 Kg crush and split
220	84	Transferring charge
238	84	Nitric-aqua-regia digestion
229	84	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	84	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	84	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	84	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	84	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	84	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	84	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	84	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	84	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	84	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	84	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	84	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	84	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	84	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	84	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	84	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	84	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	84	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	84	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	84	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	84	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	84	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	84	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	84	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	84	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	84	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	84	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	84	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	84	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	84	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	84	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	84	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	84	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	84	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	84	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	84	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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Project : 40-431
Comments: ATN: J. BURGESS

Page Number :1-A
Total Pages :3
Certificate Date: 14-AUG-96
Invoice No. :19626636
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626636

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
4113	205	226	10	12	550	0.8	0.96	68	10	< 0.5	< 2	0.17	1.0	27	60	130	14.90	< 10	210	0.18	10
4150	205	226	< 5	6800	29	55.4	0.37	2	40	< 0.5	108	< 0.01	0.5	10	118	58	3.43	< 10	< 10	0.31	40
4202	205	226	< 5	29	37	0.4	0.45	30	50	< 0.5	< 2	1.06	< 0.5	16	46	32	3.91	< 10	50	0.19	20
4203	205	226	< 5	15	71	< 0.2	1.81	16	50	< 0.5	< 2	0.49	< 0.5	14	70	14	4.39	< 10	40	0.20	30
4204	205	226	< 5	8	92	< 0.2	1.13	16	50	< 0.5	< 2	0.49	< 0.5	15	61	113	4.47	< 10	100	0.17	30
4205	205	226	< 5	7	52	< 0.2	1.12	16	50	< 0.5	< 2	0.10	< 0.5	10	69	31	3.19	< 10	50	0.21	30
4206	205	226	< 5	6	28	< 0.2	0.43	2	50	< 0.5	< 2	0.06	< 0.5	5	58	23	3.22	< 10	170	0.21	30
4211	205	226	110	215	36	10.6	0.53	76	30	< 0.5	< 2	0.01	< 0.5	1	38	20	2.36	< 10	10710	0.26	50
4225	205	226	50	52	630	5.4	1.17	134	50	0.5	< 2	0.26	5.5	14	34	242	12.40	< 10	4870	0.19	30
4268	205	226	30	27	360	2.6	0.43	132	10	< 0.5	< 2	< 0.01	< 0.5	4	65	37	6.99	< 10	3890	0.15	10
4271	205	226	50	50	6	1.4	0.24	20	30	< 0.5	< 2	< 0.01	< 0.5	< 1	30	5	0.81	< 10	9790	0.17	20
4275	205	226	< 5	12	15	0.6	0.25	2	10	< 0.5	< 2	0.04	< 0.5	3	63	6	0.29	< 10	880	0.16	10
4322	205	226	20	37	5	0.6	0.24	8	20	< 0.5	< 2	< 0.01	< 0.5	< 1	55	4	0.40	< 10	2030	0.19	10
4363	205	226	40	14	1500	2.0	0.83	50	10	0.5	< 2	0.16	1.5	4	63	171	>15.00	< 10	4840	0.14	20
4367	205	226	60	55	280	5.2	1.00	98	20	< 0.5	< 2	0.03	< 0.5	1	43	63	13.30	< 10	5010	0.19	30
4368	205	226	30	29	188	4.4	1.14	100	30	< 0.5	< 2	0.04	< 0.5	1	78	51	9.53	< 10	3460	0.17	30
4369	205	226	10	19	93	6.8	0.73	194	20	< 0.5	< 2	< 0.01	< 0.5	3	34	40	10.50	< 10	1620	0.16	30
4370	205	226	10	21	630	0.6	0.30	40	10	< 0.5	< 2	0.03	4.5	7	45	172	>15.00	< 10	970	0.09	10
4404	205	226	40	35	360	1.6	0.93	78	30	< 0.5	< 2	0.07	1.5	11	50	306	11.80	< 10	1730	0.16	30
4447	205	226	< 5	5	100	< 0.2	2.75	10	20	< 0.5	< 2	0.31	< 0.5	3	74	18	6.24	< 10	770	0.11	40
4464	205	226	40	13	1400	2.2	1.86	300	10	1.5	< 2	0.38	5.5	7	59	219	>15.00	< 10	4250	0.10	20
4469	205	226	100	76	225	20.0	0.70	132	20	0.5	< 2	< 0.01	< 0.5	1	59	46	9.33	< 10	5620	0.20	30
4482	205	226	20	34	115	6.4	0.64	132	10	< 0.5	< 2	0.02	< 0.5	2	56	40	7.96	< 10	1700	0.11	30
4483	205	226	< 5	9	20	0.2	0.96	22	20	< 0.5	< 2	< 0.01	< 0.5	< 1	60	3	1.96	< 10	1040	0.25	40
4484	205	226	50	45	280	3.4	0.89	78	30	< 0.5	< 2	0.06	< 0.5	2	67	114	10.90	< 10	2660	0.14	30
4485	205	226	60	33	1150	4.8	0.96	112	30	0.5	< 2	0.12	7.5	7	56	308	14.45	< 10	2540	0.15	40
4489	205	226	15	8	720	1.2	0.36	40	20	< 0.5	< 2	< 0.01	3.0	12	42	299	>15.00	< 10	1250	0.14	10
4534	205	226	30	30	330	0.8	2.49	136	30	< 0.5	< 2	0.12	< 0.5	3	72	66	12.80	< 10	3100	0.16	50
4535	205	226	20	30	220	1.2	0.33	154	10	< 0.5	< 2	0.05	0.5	2	220	27	5.53	< 10	4880	0.14	20
4537	205	226	25	10	1100	0.2	0.43	24	30	0.5	< 2	0.02	10.0	12	50	113	>15.00	< 10	1420	0.16	30
4538	205	226	5	11	106	< 0.2	0.60	6	50	< 0.5	< 2	0.05	0.5	7	52	38	5.24	< 10	260	0.28	50
4542	205	226	< 5	16	32	< 0.2	0.49	24	20	< 0.5	< 2	< 0.01	< 0.5	< 1	67	22	2.85	< 10	410	0.27	40
4557	205	226	70	29	420	5.4	0.87	236	30	< 0.5	< 2	0.06	< 0.5	3	64	135	>15.00	< 10	4810	0.13	30
4558	205	226	40	47	390	4.0	1.21	212	30	< 0.5	< 2	0.04	< 0.5	1	83	79	12.90	< 10	5400	0.12	40
4561	205	226	< 5	7	48	< 0.2	1.28	12	10	< 0.5	< 2	< 0.01	< 0.5	< 1	50	17	4.78	< 10	780	0.21	40
4562	205	226	< 5	9	51	0.2	1.70	32	10	< 0.5	< 2	< 0.01	< 0.5	1	82	9	5.68	< 10	450	0.19	40
4563	205	226	40	27	1650	1.8	0.49	24	10	0.5	< 2	0.26	17.5	14	112	298	>15.00	< 10	2780	0.11	30
4564	205	226	15	25	49	2.4	0.42	100	20	< 0.5	< 2	< 0.01	< 0.5	< 1	88	21	4.53	< 10	2730	0.23	40
4592	205	226	< 5	5	50	0.6	1.38	46	20	< 0.5	< 2	< 0.01	< 0.5	1	53	22	6.61	< 10	780	0.16	30
4596	205	226	< 5	< 1	82	0.4	0.33	26	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	19	103	>15.00	< 10	320	0.11	10

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

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Page Number : 1-B
Total Pages : 3
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Account : LZV

CERTIFICATE OF ANALYSIS A9626636

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4113	205 226	0.28	335	12	< 0.01	66	180	8	< 2	1	7	< 0.01	< 10	< 10	25	< 10	518
4150	205 226	0.04	355	< 1	< 0.01	15	80	7420	< 2	< 1	6	< 0.01	< 10	< 10	4	< 10	24
4202	205 226	0.94	545	< 1	0.01	48	660	34	< 2	2	80	< 0.01	< 10	< 10	8	< 10	30
4203	205 226	1.03	425	< 1	< 0.01	51	680	12	< 2	2	45	< 0.01	< 10	< 10	21	< 10	62
4204	205 226	0.67	545	< 1	0.01	50	670	6	< 2	2	37	< 0.01	< 10	< 10	18	< 10	98
4205	205 226	0.54	210	1	0.01	40	550	4	< 2	1	13	< 0.01	< 10	< 10	15	< 10	54
4206	205 226	0.11	290	5	0.01	32	700	6	< 2	1	10	< 0.01	< 10	< 10	9	< 10	28
4211	205 226	0.04	30	86	< 0.01	9	200	234	20	1	6	< 0.01	< 10	10	180	< 10	34
4225	205 226	0.15	1180	102	< 0.01	46	1220	50	10	1	14	0.01	< 10	30	470	< 10	690
4268	205 226	0.01	60	109	< 0.01	41	510	30	8	1	1	< 0.01	< 10	< 10	117	< 10	388
4271	205 226	0.01	5	40	< 0.01	4	110	50	8	< 1	5	< 0.01	< 10	< 10	186	< 10	4
4275	205 226	0.01	40	2	< 0.01	4	40	10	< 2	< 1	3	< 0.01	< 10	< 10	6	< 10	16
4322	205 226	0.01	5	7	< 0.01	3	40	36	6	< 1	2	< 0.01	< 10	< 10	7	< 10	2
4363	205 226	0.18	1120	57	< 0.01	41	3300	14	8	1	12	< 0.01	< 10	30	329	< 10	1440
4367	205 226	0.15	360	118	< 0.01	14	1000	52	12	3	3	0.01	< 10	10	523	< 10	252
4368	205 226	0.21	330	65	< 0.01	26	1080	30	10	2	5	0.03	< 10	< 10	419	< 10	198
4369	205 226	0.05	80	20	< 0.01	16	590	18	12	1	2	< 0.01	< 10	< 10	41	< 10	96
4370	205 226	0.05	5670	16	< 0.01	43	2420	18	6	2	6	< 0.01	< 10	10	26	< 10	614
4404	205 226	0.13	550	92	< 0.01	22	1800	36	10	2	8	< 0.01	< 10	10	387	< 10	374
4447	205 226	1.38	290	29	< 0.01	36	1960	4	< 2	3	24	< 0.01	< 10	10	454	< 10	102
4464	205 226	0.60	3330	71	< 0.01	54	2770	12	12	3	21	< 0.01	< 10	40	559	< 10	1430
4469	205 226	0.04	130	175	< 0.01	12	780	80	18	1	2	< 0.01	< 10	< 10	485	< 10	248
4482	205 226	0.05	245	62	< 0.01	17	490	34	12	< 1	3	< 0.01	< 10	< 10	182	< 10	120
4483	205 226	0.22	20	4	< 0.01	3	80	8	< 2	1	5	< 0.01	< 10	< 10	18	< 10	20
4484	205 226	0.16	455	81	< 0.01	23	1630	42	10	1	7	< 0.01	< 10	10	573	< 10	260
4485	205 226	0.16	2430	81	< 0.01	48	2890	28	12	1	13	< 0.01	< 10	30	361	< 10	1070
4489	205 226	0.02	1800	33	< 0.01	52	1410	10	4	1	3	< 0.01	< 10	10	43	< 10	712
4534	205 226	0.74	625	99	< 0.01	28	3490	32	4	3	14	0.01	< 10	20	857	< 10	344
4535	205 226	0.03	85	88	< 0.01	23	290	32	6	< 1	3	< 0.01	< 10	< 10	122	< 10	246
4537	205 226	0.03	4260	40	< 0.01	39	1340	12	< 2	2	5	< 0.01	< 10	10	50	< 10	1100
4538	205 226	0.13	805	3	0.01	15	480	12	2	1	10	< 0.01	< 10	< 10	7	< 10	122
4542	205 226	0.01	30	12	< 0.01	3	210	6	< 2	< 1	4	< 0.01	< 10	< 10	11	< 10	34
4557	205 226	0.15	715	124	< 0.01	39	3290	28	14	2	8	< 0.01	< 10	10	673	< 10	452
4558	205 226	0.24	370	134	< 0.01	26	2280	48	10	2	6	< 0.01	< 10	30	871	< 10	424
4561	205 226	0.36	70	10	< 0.01	5	310	6	< 2	1	3	< 0.01	< 10	< 10	22	< 10	48
4562	205 226	0.60	100	10	< 0.01	8	210	6	2	2	3	< 0.01	< 10	< 10	28	< 10	56
4563	205 226	0.09	6900	61	< 0.01	80	3060	22	10	1	17	< 0.01	< 10	30	147	< 10	1650
4564	205 226	0.02	65	18	< 0.01	9	170	26	18	< 1	2	< 0.01	< 10	< 10	27	< 10	50
4592	205 226	0.22	75	13	0.01	6	340	6	6	2	7	< 0.01	< 10	< 10	35	< 10	48
4596	205 226	0.01	30	4	< 0.01	3	310	< 2	< 2	< 1	2	< 0.01	< 10	< 10	25	< 10	86

CERTIFICATION: Stuart Bradley

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5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

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Total Pages :3
Certificate Date: 14-AUG-96
Invoice No. :I9626636
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626636

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
4623	205	226	15	22	165	0.6	0.58	42	40	< 0.5	< 2	0.11	< 0.5	4	57	108	10.75	< 10	550	0.21	40
4626	205	226	< 5	11	440	0.6	2.57	52	10	0.5	< 2	0.02	< 0.5	3	50	91	13.85	< 10	1070	0.17	30
4639	205	226	40	23	350	5.2	0.75	212	60	0.5	< 2	0.13	< 0.5	2	61	115	10.85	< 10	4560	0.24	50
4678	205	226	20	25	151	7.8	0.54	162	10	< 0.5	< 2	< 0.01	< 0.5	3	29	36	7.70	< 10	2620	0.18	40
4691	205	226	50	77	205	6.2	0.46	484	20	< 0.5	< 2	< 0.01	< 0.5	4	65	34	10.70	< 10	4450	0.18	20
4701	205	226	15	10	980	0.8	0.19	26	10	0.5	< 2	0.01	5.5	10	43	138	>15.00	< 10	970	0.08	10
4703	205	226	10	57	114	0.8	0.64	18	30	< 0.5	< 2	0.12	< 0.5	5	46	123	9.52	< 10	350	0.24	40
4757	205	226	25	17	177	5.4	0.86	106	10	< 0.5	< 2	< 0.01	< 0.5	3	47	63	9.78	< 10	2280	0.12	30
4785	205	226	15	14	18	2.6	0.46	146	< 10	< 0.5	< 2	0.01	< 0.5	1	28	31	8.62	< 10	1420	0.12	30
4786	205	226	40	41	71	5.8	0.39	74	10	< 0.5	< 2	0.05	< 0.5	1	39	25	3.29	< 10	5120	0.15	40
4787	205	226	30	36	119	7.4	0.49	198	10	< 0.5	< 2	< 0.01	< 0.5	3	44	50	10.50	< 10	2840	0.11	20
4832	205	226	20	41	66	3.6	0.41	96	30	< 0.5	< 2	0.22	< 0.5	< 1	41	22	4.77	< 10	2790	0.15	40
4833	205	226	30	20	61	6.2	0.55	102	10	< 0.5	< 2	< 0.01	< 0.5	1	59	16	4.50	< 10	2750	0.15	40
4834	205	226	15	16	44	3.0	0.42	64	10	< 0.5	< 2	< 0.01	< 0.5	1	86	17	4.66	< 10	1140	0.16	30
4835	205	226	25	22	96	4.2	0.46	194	10	< 0.5	< 2	< 0.01	< 0.5	1	61	31	10.05	< 10	3100	0.16	30
4836	205	226	10	21	140	2.4	0.71	128	10	< 0.5	< 2	< 0.01	< 0.5	3	53	41	14.25	< 10	1480	0.11	30
4837	205	226	10	10	39	1.0	0.50	82	10	< 0.5	< 2	< 0.01	< 0.5	< 1	68	22	4.29	< 10	2810	0.18	40
4838	205	226	15	22	40	1.0	0.44	74	10	< 0.5	< 2	< 0.01	< 0.5	1	61	31	7.54	< 10	1280	0.24	30
4839	205	226	< 5	4	53	< 0.2	2.16	34	10	< 0.5	< 2	< 0.01	< 0.5	1	74	7	7.02	< 10	870	0.14	40
4847	205	226	30	12	1000	0.8	0.53	54	30	0.5	< 2	0.10	3.0	15	44	214	>15.00	< 10	670	0.10	10
4849	205	226	< 5	38	88	1.4	0.44	44	30	< 0.5	< 2	0.06	< 0.5	11	53	108	7.05	< 10	730	0.24	40
4863	205	226	< 5	5	80	0.6	1.15	20	10	< 0.5	< 2	0.03	< 0.5	1	62	18	6.54	< 10	430	0.16	30
4864	205	226	< 5	5	32	0.2	0.76	28	10	< 0.5	< 2	< 0.01	< 0.5	< 1	43	9	3.58	< 10	270	0.20	40
4865	205	226	15	20	8	2.6	0.46	16	30	< 0.5	< 2	< 0.01	< 0.5	< 1	26	6	1.28	< 10	220	0.22	30
4866	205	226	< 5	< 1	53	0.2	0.37	14	20	0.5	< 2	0.01	< 0.5	16	25	16	>15.00	< 10	120	0.10	10
4867	205	226	< 5	< 1	11	< 0.2	0.06	10	10	< 0.5	< 2	0.21	< 0.5	3	80	< 1	13.55	< 10	30	< 0.01	< 10
4875	205	226	< 5	10	165	0.2	2.65	22	10	< 0.5	< 2	< 0.01	< 0.5	1	54	31	9.38	< 10	510	0.16	50
4876	205	226	10	20	74	1.8	0.72	54	20	< 0.5	< 2	< 0.01	< 0.5	1	63	30	6.88	< 10	1580	0.17	30
4907	205	226	5	< 1	10	< 0.2	0.47	8	30	< 0.5	< 2	< 0.01	< 0.5	< 1	29	10	1.72	< 10	1420	0.30	40
4909	205	226	20	9	4	0.2	0.45	8	30	< 0.5	< 2	< 0.01	< 0.5	< 1	31	1	0.27	< 10	3720	0.24	30
4910	205	226	50	39	7	2.2	0.54	60	20	< 0.5	< 2	< 0.01	< 0.5	< 1	28	6	1.65	< 10	5580	0.24	50
4911	205	226	35	62	130	2.0	0.41	202	10	< 0.5	< 2	2.12	< 0.5	11	37	55	14.65	< 10	3700	0.11	40
4912	205	226	10	21	30	0.6	0.49	50	10	< 0.5	< 2	0.01	< 0.5	< 1	50	20	4.76	< 10	700	0.19	40
4913	205	226	< 5	8	20	0.2	0.58	6	10	< 0.5	< 2	0.04	< 0.5	< 1	131	8	2.46	< 10	410	0.20	30
7790	205	226	< 5	10	23	0.2	0.55	< 2	40	< 0.5	< 2	0.01	< 0.5	3	33	19	6.03	< 10	< 10	0.44	10
7793	205	226	20	61	30	0.2	0.29	52	10	< 0.5	< 2	< 0.01	< 0.5	< 1	76	4	1.95	< 10	90	0.17	40
7796	205	226	5	5	5	0.2	0.41	< 2	10	< 0.5	< 2	0.02	< 0.5	< 1	71	< 1	0.41	< 10	20	0.16	< 10
8755	205	226	< 5	2	100	0.2	3.35	6	60	< 0.5	< 2	0.01	< 0.5	4	92	78	8.92	< 10	10	0.51	< 10
8760	205	226	< 5	9	5	< 0.2	0.34	< 2	20	< 0.5	< 2	< 0.01	< 0.5	< 1	28	2	0.68	< 10	60	0.22	40
8765	205	226	< 5	4	91	0.2	3.24	< 2	60	< 0.5	< 2	0.01	< 0.5	1	129	17	8.36	< 10	< 10	0.57	10

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

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Invoice No. : I9626636
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626636

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4623	205	226	0.07	520	16	< 0.01	13	1730	34	2	1	19	< 0.01	< 10	10	43	< 10	202
4626	205	226	0.83	605	39	< 0.01	23	510	24	6	3	4	< 0.01	< 10	10	478	< 10	544
4639	205	226	0.12	1075	104	0.01	38	2620	36	10	1	32	< 0.01	< 10	20	476	< 10	406
4678	205	226	0.04	100	40	< 0.01	30	360	34	22	1	2	< 0.01	< 10	< 10	65	< 10	168
4691	205	226	0.04	440	173	< 0.01	47	1110	92	24	1	2	0.01	< 10	< 10	494	< 10	230
4701	205	226	0.04	6400	19	< 0.01	30	1740	30	2	1	5	< 0.01	< 10	10	28	< 10	1055
4703	205	226	0.09	235	6	< 0.01	18	1690	76	4	1	17	< 0.01	< 10	10	24	< 10	128
4757	205	226	0.11	200	60	< 0.01	22	770	26	10	1	3	< 0.01	< 10	< 10	226	< 10	198
4785	205	226	0.03	35	38	< 0.01	3	490	24	10	< 1	2	< 0.01	< 10	< 10	55	< 10	18
4786	205	226	0.04	85	37	< 0.01	11	190	54	22	< 1	3	< 0.01	< 10	< 10	48	< 10	80
4787	205	226	0.01	60	31	< 0.01	13	510	50	14	< 1	1	< 0.01	< 10	< 10	60	< 10	130
4832	205	226	0.04	140	104	< 0.01	9	420	52	20	1	8	< 0.01	< 10	< 10	239	< 10	74
4833	205	226	0.03	65	37	< 0.01	10	220	30	28	< 1	1	< 0.01	< 10	< 10	42	< 10	66
4834	205	226	0.01	25	20	< 0.01	10	310	22	16	< 1	1	< 0.01	< 10	< 10	33	< 10	46
4835	205	226	0.02	45	45	< 0.01	10	610	30	20	< 1	1	< 0.01	< 10	< 10	149	< 10	102
4836	205	226	0.05	45	27	< 0.01	11	650	40	12	1	2	< 0.01	< 10	< 10	121	< 10	160
4837	205	226	0.01	15	23	< 0.01	5	200	18	18	< 1	3	< 0.01	< 10	< 10	27	< 10	40
4838	205	226	0.01	20	24	0.01	4	290	34	14	1	5	< 0.01	< 10	< 10	38	< 10	40
4839	205	226	0.61	75	11	< 0.01	9	180	12	2	4	4	< 0.01	< 10	< 10	50	< 10	56
4847	205	226	0.16	7870	23	< 0.01	31	1530	30	6	1	10	< 0.01	< 10	10	76	< 10	1095
4849	205	226	0.03	105	9	0.02	9	1560	48	4	1	26	< 0.01	< 10	< 10	27	< 10	90
4863	205	226	0.28	150	10	< 0.01	14	500	14	< 2	1	4	< 0.01	< 10	< 10	26	< 10	84
4864	205	226	0.18	45	16	< 0.01	8	370	8	< 2	1	3	< 0.01	< 10	< 10	20	< 10	34
4865	205	226	0.03	85	10	< 0.01	1	150	22	6	< 1	1	< 0.01	< 10	< 10	13	< 10	6
4866	205	226	0.26	>10000	5	< 0.01	20	630	24	< 2	1	5	< 0.01	< 10	10	17	< 10	60
4867	205	226	0.20	3620	< 1	< 0.01	6	520	10	< 2	< 1	3	< 0.01	< 10	< 10	6	< 10	8
4875	205	226	1.01	275	10	< 0.01	18	390	16	2	5	3	< 0.01	< 10	< 10	46	< 10	178
4876	205	226	0.06	125	20	< 0.01	8	440	28	6	1	3	< 0.01	< 10	< 10	46	< 10	78
4907	205	226	0.04	15	20	< 0.01	1	150	6	< 2	< 1	2	< 0.01	< 10	< 10	21	< 10	10
4909	205	226	0.02	5	4	< 0.01	1	60	10	20	< 1	3	< 0.01	< 10	< 10	27	< 10	2
4910	205	226	0.03	20	43	< 0.01	2	90	42	28	< 1	3	< 0.01	< 10	< 10	43	< 10	6
4911	205	226	0.30	1185	46	< 0.01	66	160	68	20	4	20	< 0.01	< 10	10	73	< 10	132
4912	205	226	0.03	40	18	< 0.01	7	260	24	6	< 1	4	< 0.01	< 10	< 10	20	< 10	30
4913	205	226	0.07	25	16	< 0.01	6	600	6	< 2	1	5	< 0.01	< 10	10	16	< 10	18
7790	205	226	0.28	25	6	< 0.01	13	730	18	< 2	1	5	0.03	< 10	< 10	22	< 10	20
7793	205	226	0.02	15	47	< 0.01	< 1	130	64	2	< 1	3	< 0.01	< 10	< 10	42	< 10	30
7796	205	226	0.04	5	8	0.01	1	60	6	< 2	< 1	4	< 0.01	< 10	< 10	8	< 10	4
8755	205	226	1.49	1170	1	< 0.01	9	180	12	2	2	3	0.06	< 10	< 10	58	< 10	108
8760	205	226	0.03	15	7	< 0.01	< 1	140	10	< 2	< 1	3	< 0.01	< 10	< 10	8	< 10	4
8765	205	226	1.54	545	5	< 0.01	7	500	8	2	5	10	0.09	< 10	< 10	83	< 10	90

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

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Total F :3
Certifica... Date: 14-AUG-96
Invoice No. : I9626636
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626636

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
8934	205	226	< 5	< 1	7	< 0.2	0.04	< 2	< 10	< 0.5	< 2	0.01	< 0.5	1	133	< 1	6.48	< 10	< 10	< 0.01	< 10
8970	205	226	< 5	3	30	0.2	0.69	< 2	< 10	0.5	< 2	0.08	< 0.5	< 1	76	15	3.50	< 10	< 10	0.12	< 10
8978	205	226	< 5	6	49	0.2	1.35	2	10	0.5	< 2	0.19	< 0.5	1	63	23	5.59	< 10	10	0.11	< 10
9600	205	226	10	15	780	1.2	0.30	22	30	0.5	< 2	0.09	4.0	10	65	176	>15.00	< 10	1160	0.14	10

CERTIFICATION: Stewart Buchholz

Chemex Labs Ltd.

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Account :LZV

CERTIFICATE OF ANALYSIS A9626636

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8934	205	226	0.08	2310	< 1	< 0.01	3	210	4	< 2	< 1	< 1	< 0.01	< 10	< 10	5	< 10	2
8970	205	226	0.11	55	16	0.03	4	170	6	< 2	< 1	6	< 0.01	< 10	< 10	16	< 10	30
8978	205	226	0.30	55	13	0.06	< 1	480	10	2	1	13	< 0.01	< 10	< 10	28	< 10	50
9600	205	226	0.03	4620	30	< 0.01	24	1740	26	2	1	10	< 0.01	< 10	20	59	< 10	832

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9627573

Comments: ATN: J. BURGESS

CERTIFICATE A9627573

(LZV) - KENNECOTT CANADA INC.

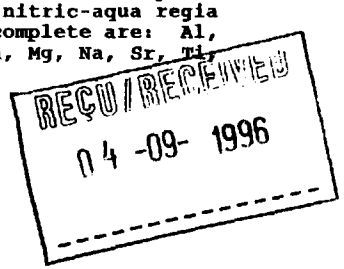
Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 26-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	11	Geochem ring to approx 150 mesh
226	11	0-3 Kg crush and split
3202	11	Rock - save entire reject
238	11	Nitric-aqua-regia digestion
229	11	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.



ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	11	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	11	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	11	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	11	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	11	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	11	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	11	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	11	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	11	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	11	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	11	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	11	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	11	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	11	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	11	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	11	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	11	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	11	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	11	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	11	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	11	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	11	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	11	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	11	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	11	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	11	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	11	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	11	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	11	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	11	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	11	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	11	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	11	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	11	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	11	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project: 40-431
Comments: ATN: J. BURGESS

Page Number :1-A
Total :1
Certificate Date: 26-AUG-96
Invoice No. :I9627573
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9627573

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
4883	205	226	20	29	130	0.8	1.07	222	< 10	< 0.5	< 2	0.03	< 0.5	29	116	21	>15.00	< 10	660	0.28	< 10
4884	205	226	20	20	115	0.2	0.71	44	< 10	< 0.5	< 2	0.01	< 0.5	1	40	73	10.15	< 10	270	0.07	20
4885	205	226	5	15	132	0.6	0.56	40	< 10	< 0.5	< 2	0.01	< 0.5	< 1	24	81	8.18	< 10	830	0.08	< 10
4887	205	226	35	60	150	1.2	0.49	96	10	< 0.5	< 2	0.01	< 0.5	16	29	40	10.40	< 10	1600	0.13	< 10
4899	205	226	10	16	13	0.4	0.43	16	10	< 0.5	< 2	0.03	< 0.5	< 1	20	4	1.32	< 10	1170	0.12	< 10
4936	205	226	5	10	89	0.2	0.15	< 2	< 10	< 0.5	< 2	< 0.01	< 0.5	1	18	59	>15.00	< 10	320	0.05	10
4938	205	226	5	13	10	0.2	0.34	18	10	< 0.5	< 2	0.01	< 0.5	< 1	36	4	0.83	< 10	580	0.12	< 10
4939	205	226	< 5	10	39	< 0.2	0.48	20	10	< 0.5	< 2	< 0.01	< 0.5	< 1	17	31	2.03	< 10	420	0.13	< 10
4940	205	226	< 5	1	122	< 0.2	0.18	< 2	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	16	51	>15.00	< 10	250	0.02	< 10
4945	205	226	20	23	18	1.2	0.28	14	10	< 0.5	< 2	< 0.01	< 0.5	< 1	33	17	1.87	< 10	1080	0.16	< 10
9940	205	226	20	26	129	0.4	0.57	64	< 10	< 0.5	< 2	0.01	< 0.5	< 1	32	52	13.15	< 10	210	0.05	10

CERTIFICATION: Adriana Flexner

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ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :1-B
Total :1
Certificate Date: 26-AUG-96
Invoice No. :19627573
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9627573

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4883	205	226	0.26	35	20	< 0.01	47	230	20	< 2	1	6	< 0.01	< 10	10	35	< 10	118
4884	205	226	0.15	315	15	< 0.01	11	360	16	2	1	1	0.03	< 10	10	45	< 10	110
4885	205	226	0.09	20	8	< 0.01	6	300	10	2	< 1	2	< 0.01	< 10	< 10	10	< 10	128
4887	205	226	0.13	20	23	< 0.01	36	190	50	4	< 1	2	< 0.01	< 10	10	14	< 10	146
4899	205	226	< 0.01	< 5	7	0.03	1	90	12	2	< 1	6	< 0.01	< 10	< 10	9	< 10	12
4936	205	226	< 0.01	5	< 1	< 0.01	4	510	< 2	< 2	1	< 1	< 0.01	< 10	10	40	< 10	58
4938	205	226	< 0.01	< 5	8	0.01	1	40	10	< 2	< 1	4	< 0.01	< 10	< 10	6	< 10	8
4939	205	226	0.04	5	11	0.01	7	170	8	< 2	< 1	2	< 0.01	< 10	< 10	8	< 10	34
4940	205	226	< 0.01	45	3	< 0.01	5	250	< 2	< 2	< 1	< 1	< 0.01	< 10	10	20	< 10	82
4945	205	226	< 0.01	< 5	8	< 0.01	2	90	20	4	< 1	3	< 0.01	< 10	< 10	8	< 10	14
9940	205	226	0.06	235	30	< 0.01	11	760	22	2	< 1	1	0.03	< 10	< 10	61	< 10	120

CERTIFICATION: Adriana Alexander

1996 – Soils: Kennecott

Chemex Labs Ltd.

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TORONTO, ON
M5C 2V9

A9621754

Comments: ATTN: JOHN BURGESS

CERTIFICATE A9621754

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 1-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	57	Pulp; prepped on other workorder
229	57	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2118	57	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	57	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	57	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	57	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	57	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	57	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	57	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	57	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	57	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	57	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	57	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	57	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	57	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	57	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	57	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	57	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	57	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	57	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	57	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	57	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	57	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	57	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	57	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	57	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	57	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	57	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	57	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	57	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	57	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	57	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	57	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	57	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page N[illegible]r : 1-A
Total I : 2
Certific[illegible]ate: 01-JUL-96
Invoice No. : I9621754
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9621754

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
0727	299	229	< 0.2	0.73	< 2	30	< 0.5	< 2	0.34	< 0.5	6	24	6	2.00	< 10	20	0.06	10	0.41	550	< 1
0745	299	229	< 0.2	1.13	2	70	< 0.5	< 2	0.60	0.5	6	30	19	2.62	< 10	80	0.09	10	0.62	305	< 1
0746	299	229	< 0.2	1.10	< 2	50	< 0.5	< 2	0.48	< 0.5	7	40	18	2.96	< 10	40	0.15	10	0.62	390	< 1
0747	299	229	< 0.2	1.01	< 2	40	< 0.5	< 2	0.47	< 0.5	7	36	22	2.57	< 10	40	0.13	20	0.61	190	< 1
0748	299	229	< 0.2	1.25	2	70	< 0.5	< 2	0.44	< 0.5	8	40	21	2.94	< 10	70	0.13	10	0.69	210	< 1
0749	299	229	< 0.2	1.65	8	90	< 0.5	< 2	0.38	< 0.5	10	53	25	3.75	< 10	50	0.15	20	0.82	315	1
0791	299	229	< 0.2	1.62	2	70	< 0.5	< 2	0.40	< 0.5	10	54	26	3.63	< 10	60	0.15	20	0.82	280	1
0792	299	229	< 0.2	0.99	2	50	< 0.5	< 2	0.24	< 0.5	7	30	11	3.50	< 10	20	0.08	10	0.52	490	< 1
0793	299	229	< 0.2	0.74	2	30	< 0.5	< 2	0.22	< 0.5	5	32	8	3.42	< 10	10	0.06	10	0.44	205	< 1
0794	299	229	< 0.2	0.69	2	20	< 0.5	< 2	0.19	< 0.5	5	22	5	2.28	< 10	10	0.05	10	0.44	140	< 1
0795	299	229	< 0.2	1.80	2	110	< 0.5	< 2	0.49	< 0.5	11	51	18	3.76	< 10	30	0.16	10	0.92	520	< 1
0796	299	229	< 0.2	1.33	< 2	60	< 0.5	< 2	0.70	< 0.5	7	40	25	2.56	< 10	50	0.14	10	0.74	185	< 1
0797	299	229	< 0.2	1.42	< 2	80	< 0.5	< 2	0.46	< 0.5	11	49	31	2.86	< 10	30	0.15	20	0.75	230	1
0798	299	229	< 0.2	1.32	2	60	< 0.5	< 2	0.53	< 0.5	7	48	23	4.47	< 10	80	0.12	20	0.61	330	1
0799	299	229	< 0.2	1.57	4	100	< 0.5	< 2	0.39	< 0.5	5	40	11	3.98	< 10	20	0.14	< 10	0.70	170	< 1
1088	299	229	< 0.2	1.89	4	80	< 0.5	< 2	0.35	< 0.5	15	61	49	4.45	< 10	50	0.13	20	1.02	590	< 1
1089	299	229	< 0.2	1.52	6	270	< 0.5	< 2	1.29	0.5	9	43	58	2.85	< 10	130	0.12	20	0.66	2320	1
1090	299	229	< 0.2	1.47	2	140	< 0.5	< 2	1.03	0.5	9	39	62	2.62	< 10	120	0.11	20	0.54	535	< 1
1091	299	229	< 0.2	1.19	4	70	< 0.5	< 2	0.96	0.5	16	29	115	2.46	< 10	140	0.04	20	0.52	1010	< 1
1092	299	229	< 0.2	1.09	14	100	< 0.5	< 2	0.77	1.0	23	25	50	2.72	< 10	100	0.06	10	0.37	610	1
1093	299	229	< 0.2	3.89	6	30	< 0.5	< 2	0.29	< 0.5	21	127	56	7.60	10	40	0.02	< 10	2.50	830	< 1
1094	299	229	< 0.2	2.05	16	160	0.5	< 2	0.82	1.5	46	52	110	4.90	< 10	110	0.08	40	0.74	1255	2
1095	299	229	< 0.2	1.10	2	70	< 0.5	< 2	0.48	< 0.5	9	37	18	3.11	< 10	30	0.09	10	0.59	230	< 1
1096	299	229	< 0.2	0.96	< 2	60	< 0.5	< 2	0.40	< 0.5	8	36	19	2.62	< 10	10	0.17	10	0.71	270	< 1
1097	299	229	1.0	3.03	36	310	0.5	< 2	0.29	12.5	130	23	462	>15.00	< 10	130	0.01	40	0.06	>10000	17
1098	299	229	0.8	1.01	8	50	< 0.5	< 2	1.54	6.0	26	10	108	8.25	< 10	140	0.01	10	0.17	1375	9
1099	299	229	1.0	0.67	6	50	< 0.5	< 2	1.53	5.5	19	13	83	3.16	< 10	190	0.01	< 10	0.18	415	10
3190	299	229	0.2	1.44	18	70	< 0.5	< 2	1.05	1.0	8	31	68	3.15	< 10	170	0.07	30	0.36	635	3
3191	299	229	< 0.2	1.98	30	120	< 0.5	< 2	1.00	0.5	12	36	89	5.50	< 10	170	0.08	40	0.48	2480	3
3193	299	229	< 0.2	1.97	24	150	0.5	< 2	0.77	< 0.5	10	49	61	5.11	< 10	60	0.10	30	0.57	2130	3
3194	299	229	< 0.2	2.03	< 2	110	0.5	< 2	0.63	0.5	24	32	80	6.65	< 10	100	0.54	60	1.00	1260	1
3195	299	229	< 0.2	0.54	< 2	40	< 0.5	< 2	0.33	< 0.5	5	20	11	1.99	< 10	30	0.04	10	0.28	250	< 1
3196	299	229	< 0.2	0.59	< 2	40	< 0.5	< 2	0.48	< 0.5	5	26	18	2.52	< 10	50	0.06	10	0.30	545	1
3197	299	229	< 0.2	1.07	< 2	60	< 0.5	< 2	0.34	< 0.5	8	40	17	2.11	< 10	30	0.12	20	0.61	170	< 1
3198	299	229	< 0.2	0.86	2	50	< 0.5	< 2	0.34	< 0.5	11	31	20	2.96	< 10	60	0.08	10	0.49	595	< 1
3199	299	229	< 0.2	1.09	2	60	< 0.5	< 2	0.38	< 0.5	11	37	16	3.02	< 10	40	0.11	10	0.64	670	< 1
3200	299	229	< 0.2	1.39	10	150	< 0.5	< 2	0.37	< 0.5	15	47	32	4.99	< 10	50	0.21	20	0.78	3190	1
3201	299	229	< 0.2	1.70	4	80	< 0.5	< 2	0.24	< 0.5	15	55	47	5.13	< 10	80	0.20	10	0.73	565	1
3202	299	229	< 0.2	1.02	< 2	60	< 0.5	< 2	0.41	< 0.5	8	34	16	3.68	< 10	40	0.10	10	0.57	400	< 1
3203	299	229	< 0.2	0.98	2	70	< 0.5	< 2	0.39	< 0.5	10	32	16	2.99	< 10	40	0.10	10	0.55	535	< 1

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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Project : 40-431
Comments: ATTN: JOHN BURGESS

Page N[illegible] r : 1-B
Total F : 2
Certifica[illegible]ate: 01-JUL-96
Invoice No. : I9621754
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9621754

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
0727	299	229	< 0.01	12	670	6	< 2	2	11	0.06	< 10	< 10	27	< 10	44
0745	299	229	< 0.01	18	760	4	< 2	3	16	0.05	< 10	< 10	34	< 10	48
0746	299	229	< 0.01	20	980	6	< 2	4	14	0.09	< 10	< 10	41	< 10	52
0747	299	229	< 0.01	19	940	6	< 2	3	12	0.09	< 10	< 10	40	< 10	60
0748	299	229	< 0.01	21	800	6	< 2	4	13	0.08	< 10	< 10	40	< 10	64
0749	299	229	0.01	28	710	10	< 2	4	14	0.09	< 10	< 10	45	< 10	80
0791	299	229	0.01	29	730	12	< 2	4	15	0.09	< 10	< 10	48	< 10	76
0792	299	229	< 0.01	16	460	6	< 2	2	10	0.05	< 10	< 10	33	< 10	40
0793	299	229	< 0.01	12	500	4	< 2	1	9	0.05	< 10	< 10	40	< 10	30
0794	299	229	< 0.01	11	400	4	< 2	1	8	0.04	< 10	< 10	23	< 10	28
0795	299	229	0.01	27	370	8	< 2	4	25	0.10	< 10	< 10	44	< 10	76
0796	299	229	0.01	22	710	8	< 2	4	26	0.09	< 10	< 10	36	< 10	54
0797	299	229	0.01	44	710	8	< 2	4	19	0.09	< 10	< 10	40	< 10	56
0798	299	229	< 0.01	18	680	8	< 2	3	22	0.08	< 10	< 10	52	< 10	46
0799	299	229	< 0.01	14	230	4	< 2	4	15	0.12	< 10	< 10	68	< 10	70
1088	299	229	< 0.01	39	690	10	< 2	5	16	0.09	< 10	< 10	53	< 10	84
1089	299	229	0.01	35	1080	10	< 2	3	46	0.06	< 10	< 10	32	< 10	114
1090	299	229	0.03	29	810	8	< 2	3	40	0.05	< 10	< 10	34	< 10	112
1091	299	229	< 0.01	63	800	8	< 2	3	24	0.05	< 10	< 10	31	< 10	104
1092	299	229	0.02	49	570	10	< 2	2	41	0.02	< 10	< 10	22	< 10	160
1093	299	229	< 0.01	77	650	12	< 2	11	8	0.10	< 10	< 10	193	< 10	142
1094	299	229	0.01	103	1040	10	< 2	5	27	0.06	< 10	< 10	58	< 10	278
1095	299	229	< 0.01	19	800	6	< 2	3	15	0.08	< 10	< 10	38	< 10	50
1096	299	229	0.01	18	780	4	< 2	3	11	0.08	< 10	< 10	36	< 10	40
1097	299	229	< 0.01	263	1560	16	< 2	8	13	< 0.01	< 10	10	12	< 10	1470
1098	299	229	0.01	158	770	6	< 2	1	31	< 0.01	< 10	< 10	4	< 10	504
1099	299	229	0.01	129	1660	2	< 2	1	34	< 0.01	< 10	< 10	8	< 10	418
3190	299	229	0.02	31	1260	8	< 2	2	24	0.03	< 10	< 10	28	< 10	144
3191	299	229	0.01	23	1580	6	< 2	4	23	0.06	< 10	< 10	45	< 10	156
3193	299	229	0.01	28	1640	6	< 2	5	21	0.07	< 10	< 10	49	< 10	160
3194	299	229	< 0.01	32	660	16	< 2	3	16	0.10	< 10	< 10	52	< 10	174
3195	299	229	< 0.01	9	700	4	< 2	1	8	0.06	< 10	< 10	30	< 10	34
3196	299	229	< 0.01	11	840	4	< 2	1	12	0.05	< 10	< 10	39	< 10	52
3197	299	229	< 0.01	17	640	6	< 2	3	10	0.08	< 10	< 10	36	< 10	50
3198	299	229	< 0.01	21	760	6	< 2	2	11	0.05	< 10	< 10	30	< 10	66
3199	299	229	0.01	22	810	8	< 2	3	12	0.07	< 10	< 10	33	< 10	64
3200	299	229	0.01	30	680	10	< 2	4	17	0.08	< 10	< 10	41	< 10	66
3201	299	229	0.01	26	540	10	< 2	6	13	0.09	< 10	< 10	38	< 10	92
3202	299	229	0.01	17	850	6	< 2	3	17	0.07	< 10	< 10	31	< 10	62
3203	299	229	0.01	18	730	6	< 2	3	13	0.07	< 10	< 10	32	< 10	58

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :2-A
Total Pages :2
Certificate Date: 01-JUL-96
Invoice No. :I9621754
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9621754

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
3204	299	229	< 0.2	1.27	2	70	< 0.5	< 2	0.37	< 0.5	9	41	20	3.18	< 10	40	0.21	20	0.71	445	< 1
6752	299	229	< 0.2	1.12	4	70	< 0.5	< 2	0.30	< 0.5	8	44	17	4.01	< 10	20	0.13	20	0.62	510	< 1
6753	299	229	< 0.2	0.40	< 2	240	< 0.5	< 2	0.69	< 0.5	1	17	13	1.11	< 10	70	0.04	< 10	0.19	50	< 1
6754	299	229	< 0.2	1.17	< 2	50	< 0.5	< 2	1.31	3.0	62	8	49	3.42	< 10	100	0.01	30	0.09	210	3
6755	299	229	0.2	3.75	< 2	100	0.5	< 2	0.34	7.0	50	13	137	>15.00	< 10	70	0.02	90	0.05	6070	1
6756	299	229	0.4	1.84	46	60	< 0.5	< 2	0.31	4.5	29	10	82	>15.00	< 10	130	0.01	40	0.06	3100	3
6758	299	229	0.2	1.46	4	40	< 0.5	< 2	0.32	< 0.5	9	42	26	3.78	< 10	50	0.09	20	0.65	395	1
6759	299	229	< 0.2	2.40	2	10	< 0.5	< 2	0.14	< 0.5	4	46	31	6.96	< 10	40	0.05	20	0.25	280	1
6760	299	229	< 0.2	9.32	12	< 10	0.5	< 2	0.04	< 0.5	10	8	27	3.43	< 10	60	0.01	30	0.04	405	< 1
6761	299	229	< 0.2	2.34	2	60	1.0	< 2	0.46	1.5	33	35	24	2.47	< 10	30	0.11	60	0.58	185	1
6762	299	229	< 0.2	4.58	< 2	40	1.5	< 2	0.31	< 0.5	15	25	21	4.63	< 10	60	0.06	80	0.35	825	< 1
6763	299	229	< 0.2	1.68	< 2	110	0.5	< 2	0.42	0.5	13	39	25	2.11	< 10	40	0.11	40	0.63	270	< 1
6764	299	229	< 0.2	1.18	4	80	< 0.5	< 2	0.32	< 0.5	16	39	16	2.43	< 10	10	0.10	20	0.60	270	1
6765	299	229	< 0.2	1.57	< 2	150	< 0.5	< 2	0.41	< 0.5	19	42	22	3.42	< 10	50	0.10	30	0.69	1820	< 1
6786	299	229	0.2	1.08	22	40	< 0.5	< 2	0.16	< 0.5	5	39	59	7.95	< 10	170	0.11	< 10	0.41	405	9
6787	299	229	0.4	2.18	46	100	< 0.5	< 2	0.54	1.5	21	43	55	4.92	< 10	90	0.11	10	0.62	1530	3
6788	299	229	0.4	6.24	14	110	1.5	< 2	0.48	12.0	134	31	310	5.64	< 10	90	0.05	50	0.41	>10000	3

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

CERTIFICATE OF ANALYSIS A9621754

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3204	299	229	0.01	21	700	6	< 2	4	17	0.09	< 10	< 10	39	< 10	56
6752	299	229	< 0.01	18	820	6	< 2	3	12	0.08	< 10	< 10	47	< 10	40
6753	299	229	0.01	8	470	4	< 2	1	22	0.01	< 10	< 10	11	< 10	10
6754	299	229	0.04	170	670	4	< 2	< 1	18	< 0.01	< 10	< 10	2	< 10	606
6755	299	229	0.01	184	480	8	< 2	3	10	0.01	< 10	10	10	< 10	1170
6756	299	229	< 0.01	136	450	8	< 2	3	8	0.01	< 10	10	6	< 10	882
6758	299	229	< 0.01	26	650	8	< 2	3	10	0.08	< 10	< 10	37	< 10	100
6759	299	229	< 0.01	12	740	6	< 2	15	5	0.05	< 10	< 10	43	< 10	88
6760	299	229	0.01	9	280	< 2	< 2	1	3	< 0.01	< 10	< 10	4	< 10	70
6761	299	229	< 0.01	155	750	2	< 2	3	12	0.07	< 10	< 10	31	< 10	508
6762	299	229	0.01	68	750	2	< 2	2	10	0.05	< 10	< 10	20	< 10	246
6763	299	229	0.01	71	770	6	< 2	3	12	0.07	< 10	< 10	32	< 10	294
6764	299	229	< 0.01	55	710	6	< 2	3	9	0.08	< 10	< 10	32	< 10	208
6765	299	229	0.01	120	780	6	< 2	4	11	0.08	< 10	< 10	36	< 10	498
6786	299	229	< 0.01	21	780	12	< 2	6	7	0.11	< 10	< 10	51	< 10	158
6787	299	229	0.01	73	1300	14	< 2	6	19	0.06	< 10	< 10	40	< 10	434
6788	299	229	< 0.01	360	740	8	< 2	6	20	0.05	< 10	< 10	27	< 10	1470

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9621749

Comments: ATTN: JOHN BURGESS

CERTIFICATE A9621749

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 26-JUN-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	57	Dry, sieve to -80 mesh
202	57	save reject
238	57	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	57	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	57	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	57	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :1
Total Pages :2
Certificate Date: 26-JUN-96
Invoice No. : I9621749
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9621749

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm							
0727	201	202	< 5	5	45							
0745	201	202	< 5	2	40							
0746	201	202	< 5	3	50							
0747	201	202	< 5	2	32							
0748	201	202	< 5	6	59							
0749	201	202	< 5	5	55							
0791	201	202	< 5	8	56							
0792	201	202	< 5	3	45							
0793	201	202	< 5	2	31							
0794	201	202	< 5	< 1	30							
0795	201	202	< 5	2	68							
0796	201	202	< 5	5	50							
0797	201	202	< 5	6	56							
0798	201	202	< 5	6	39							
0799	201	202	< 5	5	60							
1088	201	202	< 5	10	73							
1089	201	202	< 5	11	96							
1090	201	202	< 5	8	106							
1091	201	202	5	7	93							
1092	201	202	< 5	6	179							
1093	201	202	< 5	10	151							
1094	201	202	< 5	9	280							
1095	201	202	< 5	6	52							
1096	201	202	< 5	2	40							
1097	201	202	< 5	6	1800							
1098	201	202	< 5	2	460							
1099	201	202	< 5	< 1	500							
3190	201	202	< 5	5	138							
3191	201	202	< 5	4	145							
3193	201	202	< 5	3	166							
3194	201	202	< 5	12	173							
3195	201	202	< 5	3	49							
3196	201	202	< 5	< 1	66							
3197	201	202	< 5	3	56							
3198	201	202	< 5	3	80							
3199	201	202	< 5	5	70							
3200	201	202	< 5	7	72							
3201	201	202	< 5	6	95							
3202	201	202	< 5	3	67							
3203	201	202	< 5	4	65							

CERTIFICATION: Adriana Alexandre

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :2
Total Pages :2
Certificate Date: 26-JUN-96
Invoice No. : I9621749
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9621749

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm							
3204	201	202	< 5	3	60							
6752	201	202	< 5	3	44							
6753	201	202	< 5	4	13							
6754	201	202	< 5	< 1	450							
6755	201	202	< 5	< 1	970							
6756	201	202	< 5	< 1	830							
6758	201	202	< 5	7	105							
6759	201	202	< 5	5	92							
6760	201	202	5	< 1	121							
6761	201	202	< 5	4	480							
6762	201	202	< 5	2	260							
6763	201	202	< 5	6	320							
6764	201	202	< 5	5	220							
6765	201	202	< 5	4	460							
6786	201	202	< 5	13	148							
6787	201	202	< 5	15	600							
6788	201	202	< 5	9	1250							

CERTIFIED BY: Adriana Alexandru

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9622944

Comments: ATN: J. BURGESS

CERTIFICATE A9622944

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 18-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
202	160	save reject
238	158	Nitric-aqua-regia digestion
229	160	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	160	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	158	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	158	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	160	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	160	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	160	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	160	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	160	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	160	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	160	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	160	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	160	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	160	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	160	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	160	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	160	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	160	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	160	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	160	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	160	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	160	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	160	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	160	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	160	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	160	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	160	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	160	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	160	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	160	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	160	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	160	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	160	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	160	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	160	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	160	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page N : 1-A
Total Pag : 4
Certificate Date: 13-JUL-96
Invoice No. : I9622944
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9622944

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
1415	201	202	< 5	10	980	< 0.2	3.37	8	170	0.5	< 2	0.63	7.5	72	39	117	5.54	< 10	200	0.12	50
1416	201	202	< 5	5	450	< 0.2	2.29	10	70	0.5	< 2	0.45	1.5	25	42	66	4.59	< 10	100	0.13	40
1417	201	202	10	8	500	< 0.2	2.13	6	120	0.5	< 2	0.85	2.0	22	41	50	4.54	< 10	80	0.14	30
1418	201	202	10	7	102	< 0.2	1.57	< 2	80	< 0.5	< 2	0.51	< 0.5	12	49	27	3.89	< 10	130	0.17	30
1419	201	202	< 5	6	57	< 0.2	1.19	2	50	< 0.5	< 2	0.39	< 0.5	9	40	18	2.91	< 10	50	0.13	20
1420	201	202	< 5	5	56	< 0.2	1.06	2	50	< 0.5	< 2	0.34	< 0.5	8	37	16	2.62	< 10	20	0.11	10
1421	201	202	< 5	8	48	< 0.2	1.11	< 2	50	< 0.5	< 2	0.39	< 0.5	7	39	19	3.25	< 10	30	0.12	30
1422	201	202	< 5	8	70	< 0.2	1.29	< 2	60	< 0.5	< 2	0.45	< 0.5	8	41	15	2.92	< 10	30	0.14	10
1423	201	202	< 5	11	80	< 0.2	1.95	2	100	0.5	< 2	0.50	< 0.5	12	59	31	4.30	< 10	40	0.26	30
1424	201	202	< 5	3	47	< 0.2	0.95	< 2	40	< 0.5	< 2	0.69	< 0.5	5	50	26	2.89	< 10	60	0.10	30
1425	201	202	< 5	4	42	< 0.2	0.96	< 2	40	0.5	< 2	0.45	< 0.5	7	78	13	9.57	< 10	90	0.10	40
1426	201	202	< 5	6	38	< 0.2	0.90	6	30	0.5	< 2	0.30	< 0.5	10	106	22	14.10	< 10	40	0.06	60
1427	201	202	< 5	5	55	< 0.2	1.14	2	60	0.5	< 2	0.33	< 0.5	14	72	16	12.20	< 10	50	0.07	50
1428	201	202	< 5	3	125	< 0.2	1.29	6	90	0.5	< 2	0.39	0.5	17	53	21	6.64	< 10	30	0.09	50
1429	201	202	< 5	7	400	< 0.2	3.32	8	160	2.0	< 2	0.52	2.5	44	90	50	11.15	< 10	40	0.05	120
1430	201	202	< 5	3	59	< 0.2	1.12	2	50	< 0.5	< 2	0.38	< 0.5	6	40	13	2.80	< 10	140	0.07	30
1431	201	202	< 5	2	150	< 0.2	7.70	< 2	30	2.0	< 2	0.21	0.5	45	24	89	1.95	< 10	30	0.05	60
1432	201	202	< 5	< 1	320	< 0.2	10.60	< 2	40	2.5	< 2	0.15	2.5	180	25	201	1.93	< 10	40	0.05	60
1433	201	202	< 5	2	290	< 0.2	6.70	< 2	50	1.5	< 2	0.22	2.0	98	36	114	2.89	< 10	50	0.07	100
1434	201	202	< 5	< 1	210	< 0.2	11.90	< 2	30	2.5	< 2	0.15	1.5	133	31	178	2.09	< 10	50	0.04	80
1435	201	202	< 5	< 1	133	< 0.2	8.70	< 2	30	1.0	< 2	0.21	0.5	112	45	118	4.46	< 10	80	0.05	40
1436	201	202	< 5	< 1	64	< 0.2	6.57	< 2	30	0.5	< 2	0.18	< 0.5	16	64	49	6.33	< 10	40	0.06	30
1437	201	202	< 5	< 1	46	< 0.2	1.26	< 2	20	< 0.5	< 2	0.22	< 0.5	9	106	18	11.00	< 10	40	0.06	40
1438	201	202	< 5	3	75	< 0.2	2.19	< 2	40	0.5	< 2	0.19	< 0.5	12	33	27	4.17	< 10	30	0.09	20
1439	201	202	< 5	< 1	80	< 0.2	13.90	< 2	30	3.5	< 2	0.15	0.5	23	32	80	2.30	< 10	30	0.04	100
1440	201	202	< 5	5	110	< 0.2	2.36	< 2	60	0.5	< 2	0.36	< 0.5	8	45	29	2.98	< 10	60	0.14	20
1441	201	202	< 5	3	64	< 0.2	1.52	2	70	< 0.5	< 2	0.52	< 0.5	8	44	19	3.34	< 10	40	0.15	20
1442	201	202	< 5	2	73	< 0.2	1.54	< 2	70	< 0.5	< 2	0.59	< 0.5	8	44	18	3.56	< 10	40	0.15	20
1474	201	202	< 5	< 1	250	0.8	2.00	< 2	1890	< 0.5	< 2	1.10	3.0	26	56	52	11.40	< 10	40	0.07	10
1475	201	202	< 5	11	105	< 0.2	2.40	2	60	0.5	< 2	0.54	0.5	17	52	115	7.94	< 10	130	0.08	20
1476	201	202	5	< 1	98	0.4	1.00	< 2	170	< 0.5	< 2	1.76	1.5	10	16	134	2.57	< 10	80	0.01	< 10
1477	201	202	< 5	2	550	< 0.2	7.09	< 2	50	1.5	< 2	1.05	4.0	52	39	222	4.72	< 10	220	0.02	70
1478	201	202	< 5	6	550	< 0.2	3.59	< 2	60	0.5	< 2	0.35	2.0	65	46	129	9.76	< 10	120	0.09	70
1479	201	202	5	20	1300	< 0.2	5.93	14	130	1.0	< 2	0.49	4.0	100	38	243	>15.00	< 10	40	0.02	70
1480	201	202	< 5	6	1900	< 0.2	6.46	< 2	80	1.0	< 2	0.64	6.0	151	38	168	14.65	< 10	70	0.03	90
1481	201	202	< 5	3	1300	< 0.2	3.21	< 2	180	0.5	< 2	0.59	3.0	97	31	133	12.75	< 10	80	0.06	110
1482	201	202	< 5	2	2200	0.2	6.16	< 2	320	1.0	< 2	0.73	11.0	286	59	253	>15.00	< 10	30	0.05	80
1483	201	202	< 5	< 1	1600	< 0.2	5.79	< 2	200	1.0	< 2	0.81	6.0	156	39	145	13.15	< 10	50	0.03	80
1484	201	202	10	5	330	< 0.2	1.54	2	30	< 0.5	< 2	0.40	1.0	37	23	28	3.51	< 10	80	0.05	30
1485	201	202	< 5	8	170	< 0.2	1.03	2	60	< 0.5	< 2	0.74	< 0.5	13	33	34	5.92	< 10	30	0.08	10

CERTIFICATION: Ian Bickle

Chemex Labs Ltd.

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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 13-JUL-96
Invoice No. : I9622944
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9622944

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1415	201	202	0.64	9030	1	0.02	259	900	18	< 2	5	24	0.08	< 10	10	40	< 10	1155
1416	201	202	0.70	1365	1	0.01	94	700	18	< 2	5	18	0.09	< 10	< 10	42	< 10	520
1417	201	202	0.78	3330	2	0.02	96	720	16	< 2	5	31	0.08	< 10	< 10	39	< 10	620
1418	201	202	0.77	645	< 1	0.01	29	780	14	< 2	5	19	0.10	< 10	< 10	44	< 10	104
1419	201	202	0.68	315	< 1	0.01	21	780	12	< 2	4	14	0.09	< 10	< 10	38	< 10	56
1420	201	202	0.63	270	1	0.01	19	690	10	< 2	4	12	0.08	< 10	< 10	34	< 10	52
1421	201	202	0.60	325	< 1	0.01	17	800	12	< 2	4	14	0.08	< 10	< 10	40	< 10	44
1422	201	202	0.71	310	< 1	0.01	21	700	8	< 2	4	16	0.08	< 10	< 10	37	< 10	60
1423	201	202	0.95	500	< 1	0.01	29	750	16	< 2	6	22	0.11	< 10	< 10	51	< 10	82
1424	201	202	0.53	165	< 1	0.01	17	1050	6	< 2	3	20	0.07	< 10	< 10	40	< 10	46
1425	201	202	0.46	420	< 1	< 0.01	16	910	14	< 2	3	15	0.08	< 10	< 10	120	< 10	40
1426	201	202	0.31	1095	< 1	< 0.01	14	910	24	2	3	10	0.08	< 10	< 10	171	< 10	46
1427	201	202	0.39	1700	< 1	< 0.01	29	720	20	2	3	12	0.08	< 10	< 10	128	< 10	86
1428	201	202	0.44	2360	1	< 0.01	56	830	12	< 2	4	15	0.07	< 10	< 10	73	< 10	166
1429	201	202	0.24	7290	< 1	< 0.01	129	860	28	< 2	4	20	0.06	10	< 10	126	< 10	444
1430	201	202	0.47	270	< 1	< 0.01	18	830	8	< 2	3	12	0.08	< 10	< 10	41	< 10	66
1431	201	202	0.28	2240	< 1	0.01	31	540	12	< 2	4	9	0.04	< 10	< 10	20	< 10	170
1432	201	202	0.22	>10000	< 1	0.01	81	490	14	< 2	5	7	0.03	10	< 10	21	< 10	418
1433	201	202	0.39	4960	< 1	0.01	70	650	14	< 2	5	10	0.06	< 10	< 10	30	< 10	324
1434	201	202	0.21	6960	< 1	0.01	51	470	16	< 2	6	8	0.03	10	< 10	21	< 10	320
1435	201	202	0.26	5070	< 1	0.01	30	660	16	< 2	5	9	0.06	< 10	< 10	51	< 10	176
1436	201	202	0.28	635	< 1	< 0.01	14	660	16	2	6	7	0.06	< 10	< 10	78	< 10	66
1437	201	202	0.31	470	< 1	< 0.01	13	880	20	< 2	17	8	0.07	< 10	< 10	147	< 10	38
1438	201	202	0.60	940	1	< 0.01	21	580	12	< 2	4	11	0.07	< 10	< 10	38	< 10	68
1439	201	202	0.21	2440	1	0.01	26	640	20	< 2	3	9	0.04	< 10	< 10	27	< 10	94
1440	201	202	0.64	190	< 1	0.01	30	770	10	< 2	4	14	0.09	< 10	< 10	39	< 10	116
1441	201	202	0.66	270	< 1	0.01	24	780	10	< 2	4	18	0.10	< 10	< 10	42	< 10	68
1442	201	202	0.67	350	2	0.01	24	800	12	< 2	4	19	0.09	< 10	< 10	41	< 10	74
1474	201	202	0.96	>10000	20	0.01	67	1220	10	4	6	37	0.04	< 10	10	77	< 10	280
1475	201	202	0.75	1030	5	< 0.01	40	1080	24	< 2	8	14	0.07	< 10	10	86	< 10	110
1476	201	202	0.26	540	4	0.02	42	1860	8	< 2	1	34	< 0.01	< 10	20	28	< 10	80
1477	201	202	0.35	370	1	0.02	147	930	14	< 2	10	24	0.02	< 10	10	29	< 10	716
1478	201	202	0.68	1845	1	< 0.01	130	580	22	< 2	9	11	0.09	< 10	< 10	69	< 10	564
1479	201	202	0.34	1915	5	< 0.01	202	620	48	< 2	8	14	0.03	< 10	10	32	< 10	1225
1480	201	202	0.28	700	2	0.01	281	850	26	< 2	9	15	0.03	< 10	10	23	< 10	1760
1481	201	202	0.33	7940	1	< 0.01	297	860	20	< 2	6	17	0.06	< 10	10	28	< 10	1240
1482	201	202	0.84	>10000	2	0.02	616	910	20	2	10	25	0.06	< 10	10	73	< 10	2240
1483	201	202	0.33	9950	4	0.01	315	780	24	< 2	8	23	0.04	< 10	10	28	< 10	1560
1484	201	202	0.31	250	3	< 0.01	70	730	6	< 2	3	9	0.06	< 10	< 10	26	< 10	366
1485	201	202	0.53	1325	3	< 0.01	30	860	12	2	3	22	0.07	< 10	< 10	52	< 10	170

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 13-JUL-96
Invoice No. : I9622944
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9622944

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
1486	201	202	< 5	5	188	0.4	1.07	12	400	< 0.5	< 2	1.42	1.0	14	24	53	6.40	< 10	100	0.08	10
1487	201	202	< 5	< 1	168	< 0.2	1.23	20	60	< 0.5	< 2	0.27	0.5	17	28	78	>15.00	< 10	60	0.11	40
1488	201	202	25	45	250	0.8	1.40	28	180	< 0.5	< 2	0.29	1.0	30	31	188	>15.00	< 10	100	0.06	10
1489	201	202	< 5	14	130	< 0.2	1.23	< 2	90	< 0.5	< 2	0.52	< 0.5	16	26	51	4.07	< 10	40	0.23	20
1490	201	202	< 5	15	140	< 0.2	1.68	< 2	90	< 0.5	< 2	0.41	< 0.5	18	32	47	6.01	< 10	40	0.23	20
1491	201	202	< 5	4	179	< 0.2	2.80	< 2	60	< 0.5	< 2	0.72	0.5	23	47	54	4.84	< 10	90	0.16	10
1492	201	202	< 5	5	230	0.2	2.44	< 2	60	< 0.5	< 2	0.98	< 0.5	13	47	54	3.80	< 10	70	0.39	10
1493	201	202	< 5	15	88	< 0.2	1.63	2	50	< 0.5	< 2	0.39	< 0.5	10	30	52	3.19	< 10	40	0.10	20
1494	201	202	< 5	10	125	< 0.2	2.06	< 2	60	< 0.5	< 2	0.50	< 0.5	8	31	59	5.67	< 10	60	0.37	20
1495	201	202	< 5	< 1	28	< 0.2	0.53	< 2	20	< 0.5	< 2	0.88	< 0.5	2	11	27	0.42	< 10	80	0.04	< 10
1496	201	202	< 5	< 1	240	0.2	4.75	< 2	100	0.5	< 2	1.23	1.0	37	133	63	8.48	< 10	80	0.18	< 10
1497	201	202	< 5	< 1	177	0.2	2.35	< 2	280	< 0.5	< 2	1.23	0.5	20	43	56	10.75	< 10	120	0.24	10
1498	201	202	< 5	< 1	110	0.2	1.98	< 2	60	< 0.5	< 2	2.28	0.5	20	66	109	4.46	< 10	120	0.11	10
1499	201	202	< 5	4	450	0.2	2.08	2	270	< 0.5	< 2	1.15	1.0	33	36	89	14.65	< 10	120	0.15	10
1507	201	202	10	14	420	0.4	1.86	20	90	< 0.5	< 2	0.54	0.5	46	33	70	14.40	< 10	100	0.19	10
1508	201	202	35	< 1	630	0.2	5.01	< 2	140	1.0	< 2	0.88	3.5	123	10	50	13.75	< 10	120	0.04	30
1509	201	202	10	4	1500	< 0.2	5.38	< 2	70	1.5	< 2	0.76	5.0	83	31	141	12.20	< 10	80	0.08	80
1510	201	202	5	6	390	0.2	2.65	< 2	80	0.5	< 2	0.58	0.5	26	36	85	6.92	< 10	90	0.15	60
1511	201	202	< 5	11	370	< 0.2	1.33	2	60	< 0.5	< 2	0.36	0.5	26	21	59	6.55	< 10	20	0.10	20
1512	201	202	< 5	< 1	360	< 0.2	1.47	< 2	80	< 0.5	< 2	0.73	1.5	35	20	51	6.51	< 10	70	0.07	20
1513	201	202	< 5	10	78	< 0.2	1.57	< 2	120	< 0.5	< 2	2.28	0.5	14	53	39	2.49	< 10	200	0.15	40
1514	201	202	< 5	9	102	0.2	2.04	< 2	110	0.5	< 2	1.62	< 0.5	12	79	47	4.03	< 10	160	0.07	30
1515	201	202	< 5	6	81	< 0.2	1.11	< 2	50	< 0.5	< 2	0.56	< 0.5	8	29	18	3.77	< 10	30	0.07	10
1516	201	202	< 5	5	80	< 0.2	1.16	< 2	60	< 0.5	< 2	0.49	< 0.5	7	34	28	1.81	< 10	40	0.10	20
1517	201	202	< 5	< 1	560	< 0.2	9.00	< 2	50	2.5	< 2	0.19	2.5	54	25	112	13.15	< 10	40	0.04	150
1518	201	202	30	< 1	650	< 0.2	7.72	< 2	50	2.0	< 2	0.30	2.5	21	30	128	12.85	< 10	60	0.07	130
1519	201	202	5	3	280	< 0.2	5.80	< 2	10	< 0.5	< 2	0.20	0.5	95	26	53	8.22	< 10	80	0.07	80
1520	201	202	< 5	34	820	< 0.2	6.90	< 2	120	2.0	< 2	0.87	3.5	156	20	110	6.34	< 10	130	0.04	80
1521	201	202	< 5	16	810	< 0.2	3.29	< 2	60	0.5	< 2	0.41	3.0	102	14	265	>15.00	< 10	60	0.01	30
1522	201	202	< 5	24	1300	< 0.2	2.25	2	140	0.5	< 2	0.75	2.0	77	25	113	>15.00	< 10	60	0.07	10
1523	201	202	< 5	19	1400	< 0.2	1.94	< 2	60	0.5	< 2	0.39	3.5	66	15	94	>15.00	< 10	30	0.08	10
1524	201	202	< 5	10	68	< 0.2	0.90	< 2	20	< 0.5	< 2	0.51	< 0.5	8	27	36	3.60	< 10	10	0.12	10
1525	201	202	< 5	< 1	191	< 0.2	1.99	< 2	80	< 0.5	< 2	0.89	< 0.5	20	53	53	7.00	< 10	50	0.20	10
1526	201	202	< 5	< 1	186	< 0.2	2.16	8	100	< 0.5	< 2	0.44	< 0.5	30	52	60	10.50	< 10	30	0.18	10
1527	201	202	< 5	< 1	400	< 0.2	3.46	< 2	110	0.5	< 2	0.73	0.5	55	88	111	12.15	< 10	90	0.18	10
1528	201	202	< 5	< 1	70	< 0.2	4.26	< 2	390	< 0.5	< 2	1.58	< 0.5	23	136	327	7.55	< 10	160	0.83	< 10
1529	201	202	< 5	< 1	330	< 0.2	1.21	< 2	10	0.5	< 2	1.48	1.5	68	5	149	8.46	< 10	100	0.01	20
1530	201	202	< 5	10	143	0.2	1.15	10	60	< 0.5	< 2	0.38	< 0.5	16	30	93	12.65	< 10	60	0.14	10
1531	201	202	< 5	12	1400	< 0.2	3.30	< 2	50	1.0	2	0.64	4.5	39	9	30	13.35	< 10	50	0.01	10
1532	201	202	< 5	11	2900	< 0.2	2.82	< 2	110	1.0	< 2	1.04	8.5	104	14	61	>15.00	< 10	80	0.02	10

CERTIFICATION: Hart Bichler

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :2-B
Total Pages :4
Certificate Date: 13-JUL-96
Invoice No. : I9622944
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9622944

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1486	201	202	0.45	>10000	4	0.01	63	1400	10	< 2	2	45	0.03	< 10	< 10	35	< 10	192
1487	201	202	0.61	610	9	< 0.01	38	420	32	2	6	11	0.07	< 10	< 10	50	< 10	176
1488	201	202	0.63	2730	10	< 0.01	76	720	62	6	6	11	0.04	< 10	10	59	< 10	252
1489	201	202	0.60	415	2	< 0.01	50	590	20	< 2	3	18	0.09	< 10	< 10	30	< 10	138
1490	201	202	0.78	980	1	< 0.01	40	650	18	< 2	4	14	0.09	< 10	< 10	56	< 10	140
1491	201	202	1.84	495	1	< 0.01	67	910	16	< 2	10	22	0.05	< 10	10	125	< 10	190
1492	201	202	1.20	615	< 1	< 0.01	28	560	8	< 2	4	31	0.12	< 10	< 10	49	< 10	224
1493	201	202	0.72	355	1	< 0.01	20	810	22	< 2	4	16	0.09	< 10	< 10	42	< 10	88
1494	201	202	0.69	620	< 1	< 0.01	24	880	20	< 2	4	14	0.13	< 10	< 10	43	< 10	124
1495	201	202	0.18	85	1	0.01	11	800	< 2	< 2	< 1	19	< 0.01	< 10	< 10	12	< 10	28
1496	201	202	2.59	3010	1	< 0.01	121	910	16	< 2	28	29	0.14	< 10	< 10	262	< 10	302
1497	201	202	0.83	7800	1	< 0.01	42	2060	14	< 2	6	32	0.07	< 10	< 10	59	< 10	212
1498	201	202	1.01	1070	1	< 0.01	65	1980	8	< 2	3	52	0.05	< 10	< 10	52	< 10	112
1499	201	202	0.68	9220	2	< 0.01	77	1330	22	< 2	6	27	0.06	< 10	< 10	59	< 10	456
1507	201	202	0.70	2310	5	< 0.01	66	1030	30	2	6	17	0.06	< 10	< 10	55	< 10	440
1508	201	202	0.21	8890	< 1	< 0.01	130	430	18	< 2	3	26	0.01	< 10	< 10	10	< 10	686
1509	201	202	0.53	1895	3	0.01	188	1080	26	< 2	7	18	0.05	< 10	< 10	67	< 10	1435
1510	201	202	0.63	4070	1	< 0.01	74	860	16	< 2	5	16	0.07	< 10	< 10	55	< 10	412
1511	201	202	0.43	2360	< 1	< 0.01	76	690	16	2	3	11	0.06	< 10	< 10	35	< 10	402
1512	201	202	0.35	3930	3	< 0.01	72	680	14	2	3	18	0.04	< 10	< 10	32	< 10	400
1513	201	202	0.61	1375	5	0.03	24	1230	10	< 2	3	84	0.06	< 10	20	27	< 10	78
1514	201	202	0.67	1015	3	0.02	25	1580	12	< 2	3	48	0.04	< 10	20	44	< 10	104
1515	201	202	0.44	670	1	< 0.01	14	380	8	< 2	3	16	0.08	< 10	< 10	38	< 10	76
1516	201	202	0.54	145	1	0.01	18	690	6	< 2	3	15	0.08	< 10	< 10	34	< 10	78
1517	201	202	0.14	2320	< 1	< 0.01	137	290	22	< 2	4	9	0.02	10	10	8	< 10	712
1518	201	202	0.24	250	< 1	< 0.01	83	340	22	< 2	5	10	0.04	10	10	13	< 10	718
1519	201	202	0.25	70	1	< 0.01	335	790	16	< 2	4	10	0.05	< 10	< 10	18	< 10	310
1520	201	202	0.25	7020	2	0.02	195	510	40	< 2	4	25	0.01	< 10	10	12	< 10	996
1521	201	202	0.11	5010	< 1	< 0.01	120	500	42	2	2	13	0.01	< 10	10	4	< 10	870
1522	201	202	0.37	5580	< 1	< 0.01	92	1320	42	2	3	21	0.05	< 10	10	21	< 10	1055
1523	201	202	0.19	3490	< 1	< 0.01	117	350	48	6	3	5	0.04	< 10	10	14	< 10	1230
1524	201	202	0.46	205	1	< 0.01	19	640	14	< 2	3	11	0.07	< 10	< 10	37	< 10	68
1525	201	202	0.91	1575	1	< 0.01	44	800	12	< 2	8	23	0.11	< 10	< 10	84	< 10	212
1526	201	202	1.00	2530	< 1	< 0.01	64	590	16	< 2	8	14	0.11	< 10	< 10	83	< 10	188
1527	201	202	1.24	1105	< 1	< 0.01	78	1040	16	< 2	15	22	0.17	< 10	< 10	143	< 10	430
1528	201	202	2.31	225	< 1	< 0.01	36	480	8	< 2	33	21	0.26	< 10	< 10	279	< 10	68
1529	201	202	0.16	240	3	0.01	260	810	6	< 2	2	34	< 0.01	< 10	< 10	3	< 10	322
1530	201	202	0.31	1385	1	< 0.01	42	780	26	< 2	3	13	0.09	< 10	< 10	35	< 10	136
1531	201	202	0.23	855	1	0.01	77	510	30	< 2	3	21	0.01	< 10	< 10	10	< 10	1385
1532	201	202	0.24	3650	3	0.02	167	760	28	< 2	2	28	0.01	< 10	10	12	< 10	2620

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 13-JUL-96
Invoice No. : I9622944
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9622944

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
1533	201	202	< 5	13	960	0.2	3.33	< 2	40	0.5	< 2	0.21	2.0	29	26	145	>15.00	< 10	30	0.07	10
1534	201	202	5	< 1	790	< 0.2	0.72	< 2	30	< 0.5	< 2	1.42	4.0	28	6	58	6.22	< 10	80	0.01	< 10
1535	201	202	< 5	< 1	61	< 0.2	0.17	< 2	40	< 0.5	< 2	1.64	< 0.5	1	4	28	4.36	< 10	100	0.01	< 10
1536	201	202	< 5	< 1	95	< 0.2	0.78	< 2	70	< 0.5	< 2	1.00	0.5	5	17	22	1.58	< 10	70	0.06	10
1537	201	202	< 5	9	270	< 0.2	1.01	6	370	< 0.5	< 2	1.05	1.0	16	19	23	5.91	< 10	100	0.08	10
1538	201	202	< 5	3	166	< 0.2	1.56	< 2	160	< 0.5	< 2	1.69	0.5	7	26	60	4.02	< 10	150	0.08	30
1539	201	202	< 5	10	96	< 0.2	1.45	< 2	70	< 0.5	< 2	0.42	< 0.5	8	31	14	2.88	< 10	40	0.10	30
1540	201	202	< 5	11	2500	0.2	2.78	2	80	1.0	< 2	0.67	10.5	155	14	158	12.75	< 10	40	0.05	20
1541	201	202	< 5	24	1500	0.2	3.19	< 2	230	1.5	< 2	0.97	6.0	76	20	109	12.75	< 10	90	0.06	20
1542	201	202	< 5	5	210	< 0.2	1.49	< 2	60	< 0.5	< 2	0.51	0.5	16	37	43	3.48	< 10	30	0.07	20
1543	201	202	< 5	9	450	< 0.2	1.87	< 2	90	0.5	< 2	0.61	1.5	29	35	46	6.33	< 10	40	0.12	20
1544	201	202	< 5	13	620	0.2	1.93	6	140	0.5	< 2	0.74	3.5	46	29	53	7.28	< 10	60	0.10	10
1545	201	202	< 5	3	90	< 0.2	1.21	< 2	70	< 0.5	< 2	0.38	< 0.5	13	39	20	3.37	< 10	20	0.15	20
1546	201	202	< 5	8	78	< 0.2	1.37	< 2	80	< 0.5	< 2	0.38	< 0.5	10	43	23	3.19	< 10	40	0.20	20
1547	201	202	< 5	6	167	< 0.2	1.06	< 2	50	< 0.5	< 2	0.38	0.5	13	29	18	3.15	< 10	30	0.11	10
1548	201	202	< 5	6	123	< 0.2	1.06	< 2	40	< 0.5	< 2	0.40	< 0.5	11	34	13	2.98	< 10	20	0.12	10
1549	201	202	< 5	5	88	< 0.2	0.92	< 2	50	< 0.5	< 2	0.29	< 0.5	9	29	12	2.61	< 10	20	0.10	10
1578	201	202	< 5	5	102	< 0.2	0.98	< 2	50	< 0.5	< 2	0.35	< 0.5	10	34	15	3.14	< 10	10	0.13	20
1579	201	202	< 5	< 1	58	< 0.2	0.74	< 2	40	< 0.5	< 2	0.34	< 0.5	8	35	12	3.14	< 10	10	0.09	20
1580	201	202	< 5	2	51	< 0.2	0.65	2	20	< 0.5	< 2	0.29	< 0.5	7	25	9	2.21	< 10	< 10	0.07	10
1581	201	202	< 5	5	50	< 0.2	0.83	6	40	< 0.5	< 2	0.40	< 0.5	8	35	16	3.24	< 10	10	0.11	20
1582	201	202	< 5	4	56	< 0.2	1.10	< 2	70	< 0.5	< 2	0.43	< 0.5	12	37	19	2.80	< 10	10	0.21	10
1583	201	202	< 5	5	60	< 0.2	1.02	< 2	50	< 0.5	< 2	0.40	< 0.5	9	40	14	3.15	< 10	10	0.16	20
1584	201	202	10	3	40	< 0.2	0.93	2	60	< 0.5	< 2	0.60	< 0.5	8	33	16	2.67	< 10	< 10	0.19	20
1585	201	202	< 5	< 1	26	< 0.2	0.60	2	80	< 0.5	< 2	0.63	< 0.5	6	24	10	2.62	< 10	10	0.08	10
1586	201	202	< 5	< 1	41	< 0.2	1.16	< 2	60	< 0.5	< 2	0.35	< 0.5	8	42	11	3.09	< 10	20	0.16	20
1587	201	202	< 5	6	42	< 0.2	1.47	< 2	70	< 0.5	< 2	0.32	< 0.5	10	43	15	3.02	< 10	20	0.20	20
1588	201	202	< 5	2	40	< 0.2	1.45	< 2	40	< 0.5	< 2	0.25	< 0.5	7	43	10	2.79	< 10	10	0.12	10
1589	201	202	< 5	7	39	< 0.2	0.83	< 2	40	< 0.5	< 2	0.28	< 0.5	7	29	11	2.42	< 10	< 10	0.12	10
1590	201	202	< 5	5	27	< 0.2	0.54	6	100	< 0.5	< 2	0.40	< 0.5	5	31	8	3.02	< 10	< 10	0.07	10
1591	201	202	< 5	6	32	< 0.2	0.66	< 2	50	< 0.5	< 2	0.34	< 0.5	6	24	10	2.22	< 10	10	0.09	10
1592	201	202	< 5	5	27	< 0.2	0.68	< 2	40	< 0.5	< 2	0.26	< 0.5	6	21	10	2.02	< 10	10	0.08	10
1593	201	202	< 5	4	25	< 0.2	0.73	2	40	< 0.5	< 2	0.30	< 0.5	6	28	10	2.84	< 10	< 10	0.07	20
1594	201	202	< 5	5	29	< 0.2	0.57	< 2	10	< 0.5	< 2	0.27	< 0.5	6	32	4	3.62	< 10	< 10	0.06	20
1595	201	202	< 5	2	22	< 0.2	0.73	< 2	10	< 0.5	< 2	0.34	< 0.5	5	34	3	3.13	< 10	< 10	0.04	20
1596	201	202	< 5	3	26	< 0.2	0.81	< 2	20	< 0.5	< 2	0.76	< 0.5	5	32	13	2.54	< 10	30	0.04	10
1597	201	202	< 5	5	28	< 0.2	0.79	< 2	50	< 0.5	< 2	0.28	< 0.5	7	28	11	2.41	< 10	< 10	0.08	10
1598	201	202	< 5	6	37	< 0.2	0.76	< 2	50	< 0.5	< 2	0.36	< 0.5	8	35	13	3.12	< 10	10	0.09	20
1599	201	202	< 5	5	27	< 0.2	0.67	4	30	< 0.5	< 2	0.38	< 0.5	6	39	8	3.65	< 10	< 10	0.08	30
1765	201	202	< 5	7	38	< 0.2	0.86	< 2	40	< 0.5	< 2	0.43	< 0.5	6	36	10	2.86	< 10	10	0.12	30

CERTIFICATION: Jan Nicholas

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 13-JUL-96
Invoice No. : I9622944
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9622944

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1533	201	202	0.36	515	1	< 0.01	54	390	20	6	4	7	0.10	< 10	20	32	< 10	956
1534	201	202	0.23	245	2	0.01	72	380	2	< 2	< 1	36	< 0.01	< 10	< 10	7	< 10	874
1535	201	202	0.28	1845	3	0.01	14	670	< 2	< 2	< 1	38	< 0.01	< 10	< 10	4	< 10	60
1536	201	202	0.41	270	< 1	0.01	14	760	2	< 2	1	18	0.04	< 10	< 10	20	< 10	96
1537	201	202	0.40	>10000	4	0.01	51	1040	10	2	1	36	0.03	< 10	< 10	34	< 10	342
1538	201	202	0.55	2230	2	0.02	21	1530	6	< 2	2	36	0.03	< 10	20	36	< 10	180
1539	201	202	0.69	260	1	< 0.01	18	620	8	< 2	4	16	0.09	< 10	< 10	39	< 10	90
1540	201	202	0.33	665	1	0.01	421	650	14	2	4	32	0.01	< 10	10	38	< 10	2100
1541	201	202	0.28	>10000	1	0.01	280	1240	24	4	3	41	0.01	< 10	10	15	< 10	1290
1542	201	202	0.65	2590	< 1	0.01	62	600	6	2	3	19	0.06	< 10	< 10	34	< 10	242
1543	201	202	0.61	3660	< 1	0.01	94	750	12	< 2	3	23	0.06	< 10	< 10	33	< 10	514
1544	201	202	0.49	7670	< 1	< 0.01	139	750	16	< 2	3	31	0.05	< 10	< 10	30	< 10	656
1545	201	202	0.64	1120	< 1	0.01	28	760	6	< 2	4	14	0.08	< 10	< 10	44	< 10	84
1546	201	202	0.76	510	< 1	0.01	24	690	8	2	4	15	0.09	< 10	< 10	42	< 10	68
1547	201	202	0.52	1565	< 1	< 0.01	35	710	8	< 2	3	14	0.06	< 10	< 10	33	< 10	160
1548	201	202	0.57	700	< 1	0.01	26	800	8	< 2	3	14	0.07	< 10	< 10	36	< 10	120
1549	201	202	0.47	280	< 1	< 0.01	18	730	6	< 2	3	10	0.06	< 10	< 10	34	< 10	80
1578	201	202	0.55	805	< 1	0.01	25	680	4	< 2	3	13	0.06	< 10	< 10	39	< 10	90
1579	201	202	0.47	410	< 1	< 0.01	18	820	2	< 2	2	11	0.05	< 10	< 10	42	< 10	56
1580	201	202	0.43	200	< 1	< 0.01	14	720	4	< 2	1	9	0.04	< 10	< 10	28	< 10	48
1581	201	202	0.53	450	< 1	0.01	18	930	6	< 2	2	12	0.05	< 10	< 10	42	< 10	48
1582	201	202	0.78	610	< 1	0.01	23	630	6	< 2	3	13	0.08	< 10	< 10	39	< 10	50
1583	201	202	0.65	370	< 1	0.01	20	780	6	< 2	3	14	0.08	< 10	< 10	45	< 10	60
1584	201	202	0.78	350	< 1	0.01	16	660	6	< 2	3	14	0.07	< 10	< 10	38	< 10	38
1585	201	202	0.58	355	< 1	< 0.01	10	790	2	< 2	2	13	0.05	< 10	< 10	30	< 10	24
1586	201	202	0.64	420	< 1	0.01	16	840	6	2	3	13	0.08	< 10	< 10	46	< 10	40
1587	201	202	0.69	485	< 1	0.01	18	750	6	< 2	4	14	0.10	< 10	< 10	47	< 10	42
1588	201	202	0.70	290	< 1	0.01	18	540	6	< 2	3	12	0.10	< 10	< 10	43	< 10	38
1589	201	202	0.56	425	< 1	< 0.01	14	700	6	< 2	2	9	0.05	< 10	< 10	32	< 10	38
1590	201	202	0.42	920	< 1	< 0.01	11	830	4	< 2	1	9	0.04	< 10	< 10	40	< 10	22
1591	201	202	0.45	225	< 1	< 0.01	12	790	4	< 2	1	9	0.04	< 10	< 10	28	< 10	26
1592	201	202	0.42	315	< 1	< 0.01	11	650	2	< 2	1	8	0.05	< 10	< 10	25	< 10	24
1593	201	202	0.41	350	< 1	< 0.01	11	810	6	< 2	2	10	0.06	< 10	< 10	36	< 10	24
1594	201	202	0.33	395	< 1	< 0.01	8	670	6	< 2	1	9	0.05	< 10	< 10	46	< 10	30
1595	201	202	0.37	290	< 1	< 0.01	8	780	6	< 2	1	9	0.05	< 10	< 10	46	< 10	22
1596	201	202	0.51	375	< 1	0.01	14	1030	4	< 2	1	15	0.05	< 10	< 10	37	< 10	24
1597	201	202	0.46	340	< 1	< 0.01	13	800	4	< 2	2	9	0.05	< 10	< 10	31	< 10	28
1598	201	202	0.48	605	< 1	< 0.01	16	830	8	< 2	2	10	0.05	< 10	< 10	43	< 10	36
1599	201	202	0.40	235	< 1	< 0.01	12	930	2	< 2	2	12	0.05	< 10	< 10	51	< 10	26
1765	201	202	0.52	195	< 1	0.01	14	910	4	2	3	14	0.07	< 10	< 10	43	< 10	36

CERTIFICATION: Stewart Sicklen

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :4-A
Total Pages :4
Certificate Date: 13-JUL-96
Invoice No. : I9622944
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9622944

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
1766	201	202	< 5	3	58	< 0.2	1.37	< 2	120	< 0.5	< 2	0.74	< 0.5	9	38	23	3.33	< 10	20	0.15	10
1767	201	202	< 5	6	85	< 0.2	1.34	< 2	150	< 0.5	< 2	0.60	< 0.5	12	36	27	3.62	< 10	40	0.14	20
1768	201	202	< 5	3	47	< 0.2	0.93	< 2	80	< 0.5	< 2	0.36	< 0.5	7	28	15	3.44	< 10	10	0.12	20
1769	201	202	< 5	3	123	< 0.2	1.25	2	130	< 0.5	< 2	0.88	< 0.5	8	35	34	3.15	< 10	70	0.11	20
1817	201	202	< 5	5	182	< 0.2	1.28	12	320	< 0.5	< 2	1.31	0.5	12	26	23	5.80	< 10	150	0.07	30
1818	201	202	< 5	6	143	< 0.2	1.44	2	110	< 0.5	< 2	1.49	0.5	9	32	27	2.71	< 10	200	0.08	30
1819	201	202	< 5	2	148	< 0.2	1.33	< 2	60	< 0.5	< 2	2.76	0.5	5	34	49	4.19	< 10	120	0.07	30
1820	201	202	< 5	2	70	< 0.2	1.16	< 2	90	< 0.5	< 2	2.37	0.5	5	28	30	2.17	< 10	90	0.06	30
1821	201	202	< 5	8	92	< 0.2	1.72	< 2	80	< 0.5	< 2	0.61	< 0.5	13	32	15	3.57	< 10	90	0.09	30
1822	201	202	< 5	5	34	< 0.2	0.97	< 2	30	< 0.5	< 2	0.37	< 0.5	6	22	6	2.67	< 10	40	0.06	10
1823	201	202	< 5	3	73	0.2	1.97	< 2	70	0.5	< 2	1.44	< 0.5	10	29	46	2.88	< 10	140	0.05	40
1824	201	202	< 5	< 1	250	< 0.2	1.76	< 2	310	0.5	< 2	0.77	< 0.5	78	26	15	13.85	< 10	70	0.04	30
1825	201	202	< 5	< 1	69	< 0.2	1.08	< 2	50	< 0.5	< 2	1.61	< 0.5	7	25	20	2.51	< 10	80	0.07	20
1826	201	202	< 5	4	65	< 0.2	1.12	< 2	40	< 0.5	< 2	1.01	< 0.5	5	29	11	2.55	< 10	50	0.08	20
1827	201	202	< 5	6	111	< 0.2	1.00	6	40	< 0.5	< 2	1.16	< 0.5	7	22	15	3.91	< 10	70	0.05	10
3241	201	202	< 5	< 1	24	< 0.2	0.63	< 2	30	< 0.5	< 2	0.41	< 0.5	5	31	9	3.63	< 10	10	0.06	20
3242	201	202	< 5	4	5300	< 0.2	0.86	2	40	< 0.5	< 2	0.86	12.0	8	31	363	4.00	< 10	40	0.07	10
3243	201	202	< 5	5	3600	< 0.2	0.93	2	40	< 0.5	< 2	0.85	7.0	7	33	253	4.12	< 10	50	0.09	20
3244	201	202	< 5	4	7600	< 0.2	1.18	2	340	< 0.5	< 2	0.94	31.0	20	33	532	6.77	< 10	40	0.09	30
3245	201	202	< 5	28	2900	< 0.2	3.65	< 2	10	0.5	< 2	0.34	7.0	29	43	3730	>15.00	10	50	0.03	10
3246	201	202	< 5	5	2600	< 0.2	3.31	2	50	0.5	< 2	0.36	12.0	14	30	1155	3.34	< 10	10	0.13	30
3247	201	202	< 5	< 1	2800	< 0.2	3.45	< 2	30	0.5	< 2	0.29	12.5	17	30	1130	4.44	< 10	30	0.11	20
3248	201	202	< 5	9	1600	< 0.2	2.17	6	10	< 0.5	< 2	0.21	5.5	35	23	1000	4.23	< 10	30	0.06	10
3249	201	202	< 5	9	4300	< 0.2	5.16	< 2	60	1.0	< 2	0.24	45.5	134	30	4320	4.88	< 10	50	0.07	30
3250	201	202	< 5	5	4800	< 0.2	3.23	< 2	70	0.5	6	1.10	19.0	42	43	906	6.26	< 10	70	0.09	40
3251	201	202	< 5	3	3600	< 0.2	1.39	2	30	< 0.5	< 2	0.56	11.0	12	31	457	3.83	< 10	30	0.08	20
3252	201	202	< 5	5	5200	< 0.2	2.45	6	50	0.5	< 2	1.00	15.5	24	30	824	3.85	< 10	40	0.09	30
3253	201	202	< 5	5	3900	< 0.2	2.66	< 2	80	0.5	< 2	1.07	15.0	32	22	1235	3.11	< 10	60	0.08	30
3254	201	202	< 5	not/ss	not/ss	< 0.2	1.02	< 2	50	< 0.5	< 2	1.66	0.5	3	22	48	1.04	< 10	100	0.06	20
3255	201	202	< 5	not/ss	not/ss	< 0.2	0.91	< 2	40	< 0.5	< 2	1.58	0.5	3	26	32	1.17	< 10	150	0.09	10
3256	201	202	< 5	14	95	< 0.2	1.37	< 2	80	< 0.5	< 2	1.25	< 0.5	6	27	30	2.75	< 10	130	0.10	20
3257	201	202	< 5	3	51	< 0.2	0.67	< 2	60	< 0.5	< 2	0.99	< 0.5	3	17	23	1.03	< 10	40	0.05	10
3258	201	202	< 5	4	40	< 0.2	1.36	< 2	100	< 0.5	< 2	0.48	< 0.5	7	36	20	2.76	< 10	50	0.09	30
3259	201	202	< 5	6	28	< 0.2	0.79	< 2	60	< 0.5	< 2	0.56	< 0.5	3	19	11	1.16	< 10	40	0.04	10
3260	201	202	< 5	6	40	< 0.2	0.87	< 2	40	< 0.5	< 2	0.47	< 0.5	5	26	13	1.72	< 10	10	0.10	10
3261	201	202	< 5	4	51	< 0.2	0.93	< 2	60	< 0.5	< 2	0.53	< 0.5	7	28	20	1.65	< 10	20	0.09	20
3262	201	202	< 5	7	95	< 0.2	0.84	< 2	90	< 0.5	< 2	0.69	< 0.5	5	20	16	1.61	< 10	70	0.05	10
3263	201	202	< 5	5	39	< 0.2	0.93	< 2	60	< 0.5	< 2	0.58	< 0.5	4	22	14	1.30	< 10	70	0.04	10
3264	201	202	< 5	3	32	< 0.2	0.75	< 2	40	< 0.5	< 2	0.48	< 0.5	4	21	15	0.93	< 10	30	0.05	10
3265	201	202	< 5	4	31	< 0.2	0.92	< 2	70	< 0.5	< 2	1.43	< 0.5	3	21	18	0.93	< 10	60	0.07	10

CERTIFICATION: Stewart Sutcliffe

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :4-B
Total Pages :4
Certificate Date: 13-JUL-96
Invoice No. : I9622944
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9622944

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1766	201	202	0.76	545	6	0.01	22	590	6	< 2	4	18	0.08	< 10	< 10	34	< 10	60
1767	201	202	0.65	920	1	0.01	24	680	8	< 2	4	16	0.08	< 10	< 10	39	< 10	82
1768	201	202	0.53	490	< 1	< 0.01	16	690	6	2	3	11	0.07	< 10	< 10	34	< 10	46
1769	201	202	0.59	950	2	0.01	30	950	6	< 2	3	22	0.06	< 10	< 10	35	< 10	140
1817	201	202	0.39	9730	8	0.01	31	1090	6	< 2	3	38	0.04	< 10	< 10	29	< 10	198
1818	201	202	0.52	1155	1	0.02	27	1180	6	< 2	3	37	0.05	< 10	< 10	27	< 10	160
1819	201	202	0.60	240	24	0.02	22	1020	2	< 2	3	67	0.04	< 10	80	24	< 10	166
1820	201	202	0.57	320	6	0.03	28	910	6	< 2	2	50	0.05	< 10	10	22	< 10	74
1821	201	202	0.54	2380	< 1	0.01	23	1100	10	2	3	22	0.07	< 10	< 10	39	< 10	94
1822	201	202	0.37	495	< 1	0.01	10	530	6	< 2	2	13	0.07	< 10	< 10	31	< 10	32
1823	201	202	0.43	2140	1	0.02	37	2700	6	< 2	1	52	0.02	< 10	< 10	26	< 10	76
1824	201	202	0.50	8140	2	< 0.01	43	1870	6	2	4	16	0.12	< 10	< 10	62	< 10	260
1825	201	202	0.56	580	< 1	0.02	19	1280	4	< 2	3	31	0.06	< 10	< 10	29	< 10	70
1826	201	202	0.56	200	< 1	0.01	13	1100	6	< 2	4	21	0.09	< 10	< 10	33	< 10	66
1827	201	202	0.39	555	< 1	0.01	12	1020	8	< 2	3	21	0.05	< 10	< 10	31	< 10	114
3241	201	202	0.42	325	< 1	< 0.01	10	950	6	< 2	2	11	0.05	< 10	< 10	46	< 10	24
3242	201	202	0.52	1085	< 1	< 0.01	25	700	6	2	1	17	0.05	< 10	< 10	48	< 10	4690
3243	201	202	0.52	840	< 1	0.01	22	870	6	< 2	2	18	0.06	< 10	< 10	49	< 10	3140
3244	201	202	0.46	7990	4	< 0.01	52	1050	6	< 2	3	24	0.05	< 10	< 10	54	< 10	6300
3245	201	202	0.12	1765	1	< 0.01	8	320	34	2	9	7	0.01	< 10	10	8	< 10	2430
3246	201	202	0.47	460	1	0.01	27	730	8	< 2	5	13	0.07	< 10	< 10	27	< 10	2590
3247	201	202	0.47	765	< 1	0.01	39	810	6	< 2	5	11	0.06	< 10	< 10	29	< 10	2910
3248	201	202	0.26	1735	1	< 0.01	30	690	10	< 2	4	7	0.05	< 10	< 10	33	< 10	1435
3249	201	202	0.32	6700	2	< 0.01	50	920	10	< 2	6	9	0.05	< 10	< 10	28	< 10	4280
3250	201	202	0.48	2180	2	< 0.01	40	920	10	4	5	24	0.06	< 10	< 10	56	< 10	4820
3251	201	202	0.40	625	< 1	< 0.01	23	890	6	< 2	3	15	0.07	< 10	< 10	48	< 10	3180
3252	201	202	0.51	1280	< 1	0.01	32	790	6	< 2	4	21	0.06	< 10	< 10	40	< 10	4850
3253	201	202	0.48	2930	1	0.01	31	900	6	< 2	3	23	0.06	< 10	< 10	29	< 10	3900
3254	201	202	0.51	250	< 1	0.01	14	860	6	< 2	3	33	0.06	< 10	< 10	16	< 10	102
3255	201	202	0.46	390	< 1	0.03	16	1440	20	< 2	1	32	0.03	< 10	< 10	14	< 10	84
3256	201	202	0.57	745	1	0.02	18	1310	16	< 2	3	28	0.05	< 10	< 10	30	< 10	102
3257	201	202	0.42	170	3	0.02	11	610	2	< 2	2	19	0.05	< 10	< 10	20	< 10	48
3258	201	202	0.56	315	< 1	0.01	17	740	6	< 2	4	15	0.09	< 10	< 10	42	< 10	36
3259	201	202	0.35	325	< 1	0.01	9	810	4	< 2	2	13	0.05	< 10	< 10	19	< 10	26
3260	201	202	0.54	160	< 1	0.01	13	750	2	< 2	3	14	0.08	< 10	< 10	29	< 10	40
3261	201	202	0.55	180	< 1	0.01	16	780	2	< 2	3	13	0.08	< 10	< 10	34	< 10	48
3262	201	202	0.41	255	< 1	0.01	13	820	6	< 2	2	13	0.05	< 10	< 10	23	< 10	90
3263	201	202	0.40	520	< 1	0.01	11	910	6	< 2	2	14	0.05	< 10	< 10	23	< 10	40
3264	201	202	0.41	95	< 1	0.01	10	700	4	< 2	2	11	0.06	< 10	< 10	25	< 10	32
3265	201	202	0.51	115	1	0.01	9	790	2	< 2	3	20	0.06	< 10	< 10	20	< 10	32

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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J: KENNECOTT CANADA INC.
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TORONTO, ON
M5C 2V9

A9622945

Comments: ATN: J. BURGESS

CERTIFICATE A9622945

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 15-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	137	Dry, sieve to -80 mesh
217	4	Geochem ring entire sample
202	141	save reject
238	141	Nitric-aqua-regia digestion
229	141	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	140	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	141	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	141	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	141	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	141	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	141	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	141	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	141	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	141	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	141	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	141	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	141	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	141	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	141	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	141	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	141	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	141	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	141	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	141	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	141	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	141	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	141	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	141	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	141	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	141	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	141	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	141	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	141	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	141	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	141	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	141	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	141	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	141	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	141	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	141	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 15-JUL-96
Invoice No. : I9622945
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9622945

SAMPLE	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
3266	201 202	< 5	5	28	< 0.2	0.95	2	60	< 0.5	< 2	0.50	< 0.5	4	26	11	1.08	< 10	< 10	0.06	10
3267	201 202	< 5	7	54	< 0.2	0.75	< 2	70	< 0.5	< 2	0.73	< 0.5	3	21	11	1.55	< 10	40	0.06	10
3268	201 202	< 5	5	65	< 0.2	0.74	2	80	< 0.5	< 2	0.58	< 0.5	5	19	14	1.65	< 10	40	0.05	10
3269	201 202	< 5	3	77	< 0.2	1.04	4	80	< 0.5	< 2	0.69	< 0.5	9	20	15	3.11	< 10	< 10	0.10	10
3270	201 202	< 5	5	95	< 0.2	1.05	< 2	50	< 0.5	< 2	0.73	< 0.5	5	25	18	1.33	< 10	30	0.07	10
3271	201 202	< 5	6	66	< 0.2	1.01	8	90	< 0.5	2	0.90	< 0.5	8	23	21	2.99	< 10	60	0.08	10
3272	201 202	< 5	4	50	< 0.2	1.19	4	60	< 0.5	< 2	0.40	< 0.5	11	41	21	3.25	< 10	< 10	0.20	20
3273	201 202	< 5	3	45	< 0.2	1.06	2	70	< 0.5	< 2	0.48	< 0.5	8	30	15	2.69	< 10	< 10	0.09	10
3274	201 202	< 5	7	56	< 0.2	1.44	< 2	90	< 0.5	< 2	0.52	< 0.5	11	42	21	3.17	< 10	< 10	0.17	20
3275	201 202	< 5	6	67	< 0.2	1.04	2	70	< 0.5	< 2	0.60	< 0.5	7	30	13	3.14	< 10	40	0.10	10
3276	201 202	< 5	2	75	< 0.2	1.12	4	70	< 0.5	< 2	0.57	< 0.5	9	33	14	2.80	< 10	10	0.11	20
3277	201 202	< 5	4	53	< 0.2	1.11	< 2	90	< 0.5	< 2	0.69	< 0.5	8	30	13	2.02	< 10	< 10	0.08	10
3278	201 202	< 5	6	52	< 0.2	1.17	2	50	< 0.5	< 2	0.42	< 0.5	9	34	15	2.70	< 10	< 10	0.11	20
3279	201 202	< 5	4	64	< 0.2	1.12	8	60	< 0.5	< 2	0.65	< 0.5	9	33	17	3.54	< 10	10	0.12	20
3280	201 202	< 5	4	54	< 0.2	1.09	6	50	< 0.5	< 2	0.50	< 0.5	7	31	12	2.11	< 10	< 10	0.10	20
3281	201 202	< 5	2	35	< 0.2	0.99	2	40	< 0.5	< 2	0.43	< 0.5	7	30	12	1.68	< 10	< 10	0.10	10
3282	201 202	< 5	6	82	< 0.2	1.00	20	40	< 0.5	< 2	1.04	< 0.5	8	29	131	2.37	< 10	140	0.08	50
3283	201 202	< 5	3	48	< 0.2	1.15	< 2	60	< 0.5	< 2	0.65	< 0.5	8	35	16	1.71	< 10	30	0.12	10
3284	201 202	< 5	7	80	< 0.2	1.48	4	90	< 0.5	< 2	0.77	< 0.5	10	47	29	2.87	< 10	50	0.17	20
3285	201 202	< 5	10	85	< 0.2	2.01	2	110	0.5	2	0.70	< 0.5	12	51	24	4.14	< 10	90	0.17	20
3286	201 202	< 5	6	61	< 0.2	1.36	2	80	< 0.5	< 2	0.46	< 0.5	10	41	19	3.74	< 10	30	0.17	20
3287	201 202	5	4	55	< 0.2	1.31	< 2	70	< 0.5	< 2	1.34	< 0.5	7	35	37	2.27	< 10	90	0.13	20
3288	201 202	< 5	6	77	< 0.2	1.78	6	120	< 0.5	< 2	0.57	< 0.5	11	49	19	3.43	< 10	30	0.16	20
3289	201 202	< 5	5	74	< 0.2	1.43	< 2	90	< 0.5	2	0.60	< 0.5	9	39	19	2.38	< 10	80	0.14	20
3290	201 202	< 5	4	57	< 0.2	1.44	2	80	< 0.5	< 2	0.49	< 0.5	12	46	22	3.31	< 10	40	0.20	20
3291	201 202	< 5	5	53	< 0.2	1.54	< 2	80	< 0.5	< 2	0.60	< 0.5	12	48	22	3.55	< 10	40	0.23	20
3292	201 202	< 5	6	55	< 0.2	1.41	6	90	< 0.5	< 2	0.49	< 0.5	11	42	17	2.25	< 10	30	0.13	20
3293	201 202	< 5	4	70	< 0.2	1.53	2	80	< 0.5	< 2	0.65	< 0.5	10	46	20	3.27	< 10	40	0.19	20
3294	201 202	< 5	7	69	< 0.2	1.29	18	30	< 0.5	2	0.88	< 0.5	19	39	23	3.42	< 10	60	0.18	10
3295	201 202	< 5	5	42	< 0.2	1.12	2	60	< 0.5	< 2	0.40	< 0.5	8	39	15	2.05	< 10	10	0.20	10
6766	201 202	< 5	4	31	< 0.2	0.60	2	40	< 0.5	< 2	0.37	< 0.5	6	40	9	3.24	< 10	10	0.09	30
6767	201 202	< 5	3	28	< 0.2	0.63	< 2	30	< 0.5	< 2	0.46	< 0.5	7	38	9	3.11	< 10	10	0.10	30
6768	201 202	< 5	5	33	< 0.2	0.64	< 2	40	< 0.5	< 2	0.35	< 0.5	7	30	11	2.70	< 10	10	0.09	10
6769	201 202	< 5	2	39	< 0.2	1.06	2	90	< 0.5	< 2	0.84	< 0.5	9	40	19	2.94	< 10	20	0.22	20
6770	201 202	< 5	3	54	< 0.2	0.83	< 2	50	< 0.5	< 2	0.40	< 0.5	10	33	13	2.62	< 10	10	0.12	20
6771	201 202	< 5	6	41	< 0.2	1.08	4	50	< 0.5	< 2	0.38	< 0.5	10	38	17	2.35	< 10	30	0.13	20
6772	201 202	< 5	5	50	< 0.2	0.95	< 2	60	< 0.5	< 2	0.42	< 0.5	8	29	12	2.01	< 10	50	0.08	10
6773	201 202	< 5	4	44	< 0.2	0.86	< 2	50	< 0.5	< 2	0.40	< 0.5	7	28	12	1.96	< 10	30	0.08	10
6774	201 202	< 5	2	33	< 0.2	0.93	< 2	50	< 0.5	< 2	0.32	< 0.5	6	31	11	1.67	< 10	20	0.07	10
6775	201 202	< 5	< 1	60	< 0.2	1.31	< 2	90	< 0.5	< 2	0.45	< 0.5	13	36	22	2.72	< 10	40	0.07	20

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 15-JUL-96
Invoice No. :I9622945
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9622945

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3266	201	202	0.40	115	< 1	< 0.01	10	670	8	2	3	13	0.09	< 10	< 10	27	< 10	28
3267	201	202	0.37	230	< 1	0.01	10	740	6	2	2	14	0.07	< 10	< 10	22	< 10	56
3268	201	202	0.33	435	1	< 0.01	11	710	8	< 2	1	10	0.05	< 10	< 10	20	< 10	76
3269	201	202	0.49	820	2	< 0.01	13	770	6	2	2	10	0.07	< 10	< 10	28	< 10	84
3270	201	202	0.44	145	< 1	< 0.01	14	840	4	< 2	2	13	0.06	< 10	< 10	21	< 10	100
3271	201	202	0.49	1990	1	< 0.01	13	860	6	< 2	2	14	0.07	< 10	< 10	28	< 10	74
3272	201	202	0.74	670	1	0.01	19	690	6	< 2	3	11	0.10	< 10	< 10	38	< 10	44
3273	201	202	0.49	605	< 1	< 0.01	14	830	6	< 2	3	10	0.08	< 10	< 10	33	< 10	52
3274	201	202	0.70	230	< 1	0.01	20	700	8	< 2	4	14	0.10	< 10	< 10	39	< 10	56
3275	201	202	0.51	235	< 1	0.01	14	930	8	< 2	3	15	0.08	< 10	< 10	31	< 10	70
3276	201	202	0.58	360	< 1	< 0.01	16	840	8	< 2	3	12	0.09	< 10	< 10	33	< 10	80
3277	201	202	0.58	655	1	< 0.01	15	790	6	< 2	3	15	0.07	< 10	< 10	29	< 10	52
3278	201	202	0.60	220	< 1	< 0.01	17	800	6	< 2	3	14	0.10	< 10	< 10	36	< 10	48
3279	201	202	0.60	320	< 1	< 0.01	17	880	6	< 2	3	17	0.09	< 10	< 10	37	< 10	70
3280	201	202	0.55	160	1	< 0.01	15	730	6	< 2	3	15	0.09	< 10	< 10	32	< 10	58
3281	201	202	0.53	190	< 1	< 0.01	15	760	6	< 2	3	11	0.09	< 10	< 10	29	< 10	36
3282	201	202	0.55	400	< 1	< 0.01	23	830	8	< 2	3	17	0.09	< 10	< 10	27	< 10	94
3283	201	202	0.65	180	< 1	0.01	20	700	6	< 2	3	45	0.08	< 10	< 10	28	< 10	54
3284	201	202	0.81	270	1	0.01	28	580	8	< 2	4	22	0.09	< 10	< 10	36	< 10	86
3285	201	202	0.88	590	1	0.01	28	990	12	< 2	5	20	0.08	< 10	< 10	44	< 10	92
3286	201	202	0.72	560	< 1	0.01	20	810	6	< 2	4	15	0.10	< 10	< 10	38	< 10	56
3287	201	202	0.70	155	< 1	0.01	19	570	8	< 2	3	24	0.07	< 10	< 10	31	< 10	54
3288	201	202	0.84	470	< 1	0.01	25	620	6	< 2	5	17	0.10	< 10	< 10	43	< 10	76
3289	201	202	0.69	270	< 1	0.01	20	820	10	2	4	17	0.08	< 10	< 10	36	< 10	82
3290	201	202	0.74	360	< 1	0.01	24	810	8	2	4	14	0.12	< 10	< 10	45	< 10	60
3291	201	202	0.83	510	< 1	0.01	22	860	8	6	5	20	0.13	< 10	< 10	48	< 10	54
3292	201	202	0.71	255	< 1	0.01	21	790	6	< 2	4	15	0.10	< 10	< 10	39	< 10	54
3293	201	202	0.76	310	< 1	0.01	22	920	10	2	4	20	0.12	< 10	< 10	44	< 10	74
3294	201	202	0.74	180	8	0.01	24	680	4	2	4	18	0.11	< 10	10	38	< 10	64
3295	201	202	0.74	195	1	0.01	20	700	8	< 2	3	11	0.10	< 10	< 10	37	< 10	40
6766	201	202	0.39	265	1	< 0.01	13	980	6	< 2	2	8	0.07	< 10	< 10	47	< 10	28
6767	201	202	0.44	310	< 1	< 0.01	12	1010	6	< 2	2	12	0.07	< 10	< 10	42	< 10	28
6768	201	202	0.42	215	< 1	< 0.01	14	720	6	< 2	1	10	0.06	< 10	< 10	34	< 10	30
6769	201	202	0.91	460	< 1	0.01	18	820	6	6	3	19	0.10	< 10	< 10	38	< 10	38
6770	201	202	0.51	175	< 1	< 0.01	17	790	6	< 2	2	8	0.07	< 10	< 10	34	< 10	50
6771	201	202	0.61	245	< 1	< 0.01	18	740	8	< 2	3	14	0.09	< 10	< 10	36	< 10	40
6772	201	202	0.51	230	< 1	< 0.01	17	760	6	2	2	11	0.07	< 10	< 10	27	< 10	52
6773	201	202	0.47	200	< 1	< 0.01	16	740	6	2	2	13	0.06	< 10	< 10	26	< 10	42
6774	201	202	0.50	135	< 1	< 0.01	14	730	6	< 2	2	9	0.06	< 10	< 10	29	< 10	30
6775	201	202	0.58	305	< 1	< 0.01	27	900	6	< 2	3	9	0.06	< 10	< 10	31	< 10	60

CERTIFICATION: Stan Bichler

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 15-JUL-96
Invoice No. : I9622945
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9622945

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6776	201	202	< 5	7	76	< 0.2	1.41	2	110	< 0.5	< 2	0.40	< 0.5	14	36	25	3.17	< 10	60	0.11	30
6789	201	202	< 5	14	900	< 0.2	4.14	< 2	60	1.0	< 2	0.25	5.0	122	27	121	5.56	< 10	20	0.10	30
6790	201	202	< 5	20	1650	0.2	4.47	6	170	1.5	< 2	0.21	25.5	187	23	241	11.80	< 10	30	0.09	40
6791	201	202	< 5	26	1800	0.2	1.80	18	90	0.5	< 2	0.07	9.0	54	23	100	>15.00	< 10	50	0.19	20
6792	201	202	< 5	5	360	< 0.2	1.18	2	30	< 0.5	< 2	0.25	2.0	21	45	32	6.17	< 10	10	0.07	20
6793	201	202	< 5	37	220	0.2	0.70	16	< 10	< 0.5	< 2	< 0.01	< 0.5	1	18	95	>15.00	< 10	100	0.10	< 10
6794	217	202	< 5	10	90	0.2	0.74	18	40	< 0.5	< 2	< 0.01	< 0.5	7	78	25	10.95	< 10	60	0.38	10
6795	217	202	< 5	50	155	0.8	0.88	30	20	0.5	< 2	0.03	< 0.5	3	44	60	13.75	< 10	200	0.21	10
6796	217	202	< 5	36	100	1.2	0.29	56	10	< 0.5	< 2	< 0.01	< 0.5	< 1	53	65	>15.00	< 10	250	0.17	10
6798	201	202	< 5	2	195	0.2	0.91	6	< 10	< 0.5	< 2	0.01	< 0.5	1	27	64	>15.00	< 10	90	0.13	< 10
6799	201	202	< 5	6	450	0.8	2.18	< 2	90	0.5	< 2	1.79	6.0	15	14	68	4.32	< 10	170	0.17	30
6950	201	202	< 5	6	150	< 0.2	1.52	2	90	< 0.5	< 2	0.43	0.5	11	27	31	5.60	< 10	40	0.19	10
6951	201	202	< 5	4	330	0.4	1.80	< 2	120	0.5	< 2	2.53	2.5	11	16	71	2.87	< 10	180	0.12	20
6952	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
6953	201	202	< 5	15	280	0.2	1.58	12	50	< 0.5	< 2	0.80	0.5	12	29	34	7.04	< 10	70	0.25	10
6954	201	202	< 5	8	250	< 0.2	1.88	< 2	80	< 0.5	< 2	0.34	< 0.5	11	26	19	9.91	< 10	40	0.31	10
6955	201	202	< 5	12	270	1.2	1.32	< 2	290	< 0.5	< 2	1.63	3.5	13	17	61	7.66	< 10	220	0.18	10
6956	201	202	< 5	8	230	0.6	0.90	< 2	30	< 0.5	< 2	1.66	3.0	7	14	64	3.18	< 10	280	0.07	< 10
6957	217	202	< 5	6	136	< 0.2	1.34	8	140	< 0.5	< 2	0.38	0.5	11	107	21	8.52	< 10	40	0.18	10
6958	201	202	< 5	11	380	0.2	1.16	8	170	< 0.5	< 2	0.78	3.0	13	23	54	4.77	< 10	90	0.11	10
6959	201	202	< 5	5	440	0.4	1.54	6	360	< 0.5	< 2	0.79	2.5	35	17	44	9.31	< 10	120	0.08	10
6960	201	202	< 5	8	430	0.4	1.96	8	290	< 0.5	< 2	0.82	2.5	27	27	48	8.30	< 10	180	0.14	10
6961	201	202	< 5	7	630	< 0.2	6.26	< 2	50	0.5	< 2	1.78	3.5	114	28	157	8.80	< 10	120	0.05	60
6962	201	202	< 5	11	1400	< 0.2	8.17	< 2	10	1.0	< 2	0.26	16.5	87	48	219	2.33	< 10	70	0.08	120
6963	201	202	< 5	8	87	< 0.2	1.40	< 2	50	< 0.5	< 2	0.39	< 0.5	24	40	29	3.56	< 10	20	0.18	20
6964	201	202	< 5	8	63	< 0.2	1.39	< 2	80	< 0.5	< 2	0.40	< 0.5	17	42	29	3.85	< 10	10	0.21	30
6965	201	202	< 5	6	90	< 0.2	1.66	< 2	70	< 0.5	< 2	0.36	< 0.5	14	36	37	3.67	< 10	20	0.14	40
6966	201	202	< 5	8	132	< 0.2	1.79	2	70	< 0.5	< 2	0.46	< 0.5	28	40	44	4.07	< 10	20	0.18	40
6967	201	202	< 5	8	75	< 0.2	1.85	< 2	120	< 0.5	< 2	0.43	< 0.5	12	52	30	3.60	< 10	40	0.26	30
6968	201	202	< 5	5	113	< 0.2	1.91	< 2	90	< 0.5	< 2	0.34	< 0.5	15	45	46	3.71	< 10	20	0.18	30
6969	201	202	< 5	3	220	< 0.2	3.62	< 2	100	0.5	< 2	0.25	< 0.5	47	43	126	9.35	< 10	60	0.16	60
6970	201	202	< 5	5	128	< 0.2	1.71	< 2	70	< 0.5	< 2	0.29	< 0.5	15	39	37	2.84	< 10	10	0.13	20
6971	201	202	< 5	3	230	< 0.2	1.77	< 2	70	< 0.5	< 2	0.29	< 0.5	37	37	47	5.06	< 10	20	0.13	30
6972	201	202	< 5	4	60	< 0.2	0.59	2	20	< 0.5	< 2	0.35	< 0.5	9	18	12	3.01	< 10	10	0.07	10
6973	201	202	< 5	< 1	650	< 0.2	2.04	< 2	40	0.5	< 2	0.25	12.5	152	22	136	8.46	< 10	40	0.07	50
6974	201	202	< 5	6	54	< 0.2	1.19	< 2	70	< 0.5	< 2	0.65	< 0.5	10	43	25	2.71	< 10	10	0.24	10
6975	201	202	< 5	< 1	115	0.2	0.77	6	90	< 0.5	< 2	0.28	0.5	17	19	86	8.52	< 10	40	0.06	10
6976	201	202	< 5	5	600	< 0.2	2.61	< 2	160	0.5	< 2	0.64	2.5	147	27	88	8.86	< 10	90	0.09	50
6977	201	202	< 5	3	40	< 0.2	0.82	< 2	30	< 0.5	< 2	0.32	< 0.5	8	30	18	2.88	< 10	30	0.11	10
6978	201	202	< 5	9	70	< 0.2	1.31	10	70	< 0.5	< 2	0.41	< 0.5	14	53	62	5.39	< 10	80	0.16	30

CERTIFICATION: Stuart Bielby

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ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :2-B
Total Pages :4
Certificate Date: 15-JUL-96
Invoice No. : I9622945
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Account :LZV

CERTIFICATE OF ANALYSIS A9622945

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6776	201	202	0.63	515	< 1	0.01	38	720	10	< 2	3	13	0.08	< 10	< 10	41	< 10	74
6789	201	202	0.38	>10000	< 1	< 0.01	185	650	16	2	4	16	0.06	< 10	20	34	< 10	1020
6790	201	202	0.37	>10000	2	< 0.01	684	410	26	6	4	24	0.03	< 10	10	42	< 10	3340
6791	201	202	0.34	>10000	3	< 0.01	257	250	24	2	2	10	0.06	< 10	< 10	31	< 10	1385
6792	201	202	0.40	4170	< 1	< 0.01	77	730	8	2	2	11	0.06	< 10	< 10	72	< 10	314
6793	201	202	0.13	1555	3	< 0.01	10	330	42	2	2	1	0.02	< 10	< 10	22	< 10	200
6794	217	202	0.19	2650	2	< 0.01	13	230	16	2	1	3	0.03	< 10	< 10	24	< 10	88
6795	217	202	0.17	1190	10	< 0.01	11	260	52	4	1	3	< 0.01	< 10	< 10	14	< 10	158
6796	217	202	0.02	235	16	< 0.01	4	280	40	4	< 1	3	< 0.01	< 10	< 10	14	< 10	96
6798	201	202	0.11	565	< 1	< 0.01	10	480	12	2	4	1	0.07	< 10	10	40	< 10	194
6799	201	202	0.51	9360	< 1	0.01	106	2040	6	< 2	1	50	0.03	< 10	< 10	19	< 10	512
6950	201	202	0.54	3580	< 1	< 0.01	30	670	8	< 2	3	15	0.08	< 10	< 10	45	< 10	156
6951	201	202	0.77	4550	< 1	0.01	172	1470	6	< 2	3	51	0.03	< 10	< 10	18	< 10	404
6952	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd
6953	201	202	0.57	2900	3	< 0.01	29	830	18	2	3	21	0.08	< 10	< 10	47	< 10	302
6954	201	202	0.52	4270	1	< 0.01	22	820	12	2	2	16	0.08	< 10	< 10	36	< 10	246
6955	201	202	0.41	>10000	4	0.01	57	2460	12	2	1	61	0.03	< 10	< 10	19	< 10	350
6956	201	202	0.43	2350	1	0.02	36	1010	10	2	1	45	0.03	< 10	< 10	23	< 10	264
6957	217	202	0.73	7120	5	0.02	36	510	6	4	3	19	0.08	< 10	< 10	47	< 10	144
6958	201	202	0.42	2070	6	< 0.01	59	1150	10	2	3	15	0.06	< 10	< 10	44	< 10	450
6959	201	202	0.35	>10000	5	< 0.01	77	1190	8	< 2	2	29	0.04	< 10	< 10	30	< 10	462
6960	201	202	0.60	>10000	3	< 0.01	72	1300	10	2	3	26	0.06	< 10	< 10	44	< 10	484
6961	201	202	0.29	5150	6	0.01	125	1370	6	< 2	6	69	0.02	< 10	10	14	< 10	778
6962	201	202	0.33	180	3	0.01	185	1070	12	2	8	12	0.05	< 10	< 10	22	< 10	1955
6963	201	202	0.61	200	< 1	0.02	24	710	8	< 2	4	14	0.10	< 10	< 10	45	< 10	98
6964	201	202	0.71	395	< 1	0.01	27	760	8	< 2	4	14	0.10	< 10	< 10	44	< 10	72
6965	201	202	0.59	195	< 1	0.01	30	760	8	< 2	4	11	0.08	< 10	< 10	37	< 10	108
6966	201	202	0.69	260	< 1	0.01	43	780	10	< 2	4	14	0.09	< 10	< 10	42	< 10	166
6967	201	202	0.92	390	< 1	0.02	30	730	8	< 2	5	17	0.11	< 10	< 10	51	< 10	94
6968	201	202	0.77	270	< 1	0.01	36	790	10	< 2	5	14	0.10	< 10	< 10	43	< 10	140
6969	201	202	0.64	600	< 1	0.02	70	840	8	2	5	12	0.07	< 10	< 10	36	< 10	296
6970	201	202	0.66	200	< 1	0.01	38	630	6	< 2	4	10	0.08	< 10	< 10	33	< 10	152
6971	201	202	0.59	230	< 1	0.01	58	710	8	< 2	3	9	0.07	< 10	< 10	35	< 10	266
6972	201	202	0.43	185	< 1	< 0.01	17	770	4	< 2	1	7	0.05	< 10	< 10	23	< 10	56
6973	201	202	0.30	425	1	0.01	211	480	4	< 2	3	8	0.03	< 10	< 10	18	< 10	720
6974	201	202	1.01	565	< 1	0.01	21	740	8	< 2	3	12	0.08	< 10	< 10	42	< 10	54
6975	201	202	0.40	1865	3	< 0.01	60	500	6	2	3	9	0.04	< 10	< 10	38	< 10	124
6976	201	202	0.46	>10000	1	0.01	189	640	8	2	4	18	0.05	< 10	< 10	31	< 10	716
6977	201	202	0.55	205	< 1	0.01	15	830	4	< 2	2	10	0.06	< 10	< 10	33	< 10	40
6978	201	202	0.77	365	3	< 0.01	29	870	12	< 2	5	12	0.08	< 10	< 10	71	< 10	74

CERTIFICATION: Stewart Bidlake

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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :3-A
Total Pages :4
Certificate Date: 15-JUL-96
Invoice No. : I9622945
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9622945

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6979	201	202	< 5	6	110	< 0.2	1.34	4	80	< 0.5	< 2	0.42	< 0.5	15	37	38	3.25	< 10	30	0.10	20
6980	201	202	< 5	4	700	< 0.2	2.33	4	170	0.5	< 2	0.65	2.5	133	29	71	6.99	< 10	60	0.09	50
6981	201	202	< 5	4	330	< 0.2	1.22	4	130	< 0.5	< 2	0.37	1.0	68	27	37	3.45	< 10	30	0.09	30
6982	201	202	< 5	2	400	< 0.2	1.49	6	140	< 0.5	< 2	0.45	1.5	57	31	47	5.29	< 10	30	0.08	30
6983	201	202	< 5	3	82	< 0.2	0.82	2	40	< 0.5	< 2	0.31	< 0.5	13	30	18	2.99	< 10	10	0.07	10
6984	201	202	< 5	4	96	< 0.2	0.88	< 2	40	< 0.5	< 2	0.30	< 0.5	11	27	21	2.36	< 10	20	0.07	10
6985	201	202	< 5	3	29	< 0.2	0.79	< 2	30	< 0.5	< 2	0.27	< 0.5	6	30	16	2.07	< 10	10	0.11	10
6986	201	202	< 5	10	60	< 0.2	1.56	2	90	< 0.5	< 2	0.37	< 0.5	12	50	28	3.44	< 10	30	0.25	20
6987	201	202	< 5	3	155	< 0.2	0.87	2	40	< 0.5	< 2	0.36	< 0.5	13	31	20	3.53	< 10	10	0.06	20
6988	201	202	< 5	2	53	< 0.2	0.71	2	50	< 0.5	< 2	0.37	< 0.5	12	35	14	3.69	< 10	10	0.06	20
6989	201	202	< 5	3	133	< 0.2	0.83	2	50	< 0.5	< 2	0.43	< 0.5	15	56	14	6.56	< 10	20	0.06	30
6990	201	202	< 5	4	36	< 0.2	0.59	< 2	20	< 0.5	< 2	0.30	< 0.5	5	27	9	2.98	< 10	10	0.06	20
6991	201	202	< 5	8	48	< 0.2	1.12	2	60	< 0.5	< 2	0.31	< 0.5	8	36	16	3.32	< 10	30	0.14	20
6992	201	202	5	5	54	< 0.2	1.01	< 2	60	< 0.5	< 2	0.31	< 0.5	7	34	14	2.92	< 10	30	0.10	20
6993	201	202	< 5	4	58	< 0.2	0.91	2	50	< 0.5	< 2	0.27	< 0.5	7	30	13	3.18	< 10	10	0.08	10
6994	201	202	< 5	3	56	< 0.2	1.05	4	200	< 0.5	< 2	0.28	< 0.5	9	41	13	5.76	< 10	30	0.12	10
6995	201	202	< 5	< 1	112	< 0.2	0.82	< 2	170	< 0.5	< 2	0.23	< 0.5	7	32	13	5.72	< 10	30	0.08	10
6996	201	202	< 5	< 1	1050	0.2	0.80	14	20	0.5	< 2	0.79	1.5	12	25	91	12.45	< 10	110	0.08	10
6997	201	202	< 5	< 1	950	0.2	0.80	10	30	< 0.5	< 2	0.90	2.5	15	27	134	13.65	< 10	120	0.07	10
6998	201	202	< 5	< 1	136	< 0.2	0.64	2	60	< 0.5	< 2	0.31	< 0.5	11	23	15	6.72	< 10	30	0.05	10
6999	201	202	not/ss	3	50	< 0.2	0.12	< 2	20	< 0.5	< 2	0.42	0.5	2	3	11	0.69	< 10	60	0.03	< 10
7056	201	202	< 5	< 1	89	< 0.2	0.74	42	100	< 0.5	< 2	0.29	< 0.5	7	37	9	6.57	< 10	20	0.06	10
7057	201	202	< 5	< 1	35	< 0.2	0.65	6	50	< 0.5	< 2	0.28	< 0.5	5	30	8	4.68	< 10	< 10	0.05	10
7058	201	202	< 5	5	71	< 0.2	1.09	< 2	70	< 0.5	< 2	0.36	< 0.5	7	32	13	2.19	< 10	30	0.08	10
7059	201	202	< 5	3	39	< 0.2	0.90	2	80	< 0.5	< 2	0.28	< 0.5	6	29	13	2.01	< 10	10	0.12	10
7060	201	202	< 5	7	230	0.4	3.93	2	20	< 0.5	< 2	0.41	0.5	47	137	238	7.80	< 10	30	0.05	10
7061	201	202	< 5	50	900	0.6	1.98	12	130	< 0.5	< 2	0.68	5.0	98	17	237	>15.00	< 10	80	0.06	10
7062	201	202	< 5	25	910	0.2	3.46	2	40	0.5	< 2	0.37	3.0	64	44	200	>15.00	< 10	40	0.07	30
7063	201	202	< 5	42	660	0.4	3.36	2	40	0.5	< 2	0.26	2.5	42	39	180	>15.00	< 10	40	0.10	20
7064	201	202	< 5	15	330	< 0.2	2.15	< 2	70	0.5	< 2	0.46	1.0	40	48	67	4.72	< 10	20	0.22	20
7065	201	202	< 5	8	240	< 0.2	1.62	< 2	70	< 0.5	< 2	0.58	0.5	17	44	47	5.26	< 10	20	0.25	20
7066	201	202	< 5	33	600	< 0.2	3.01	< 2	60	0.5	< 2	0.64	2.5	80	41	110	8.41	< 10	90	0.12	20
7067	201	202	< 5	8	240	< 0.2	1.53	< 2	60	< 0.5	< 2	0.54	0.5	24	31	36	3.46	< 10	30	0.12	10
7068	201	202	< 5	12	400	< 0.2	2.27	2	70	0.5	< 2	0.56	1.5	44	38	66	5.72	< 10	60	0.13	20
7069	201	202	< 5	6	180	< 0.2	1.40	< 2	40	< 0.5	< 2	0.33	0.5	19	30	30	3.52	< 10	20	0.10	20
7070	201	202	< 5	9	380	< 0.2	1.96	< 2	50	< 0.5	< 2	0.64	1.0	29	33	49	3.18	< 10	40	0.11	10
7071	201	202	< 5	13	360	< 0.2	1.86	2	40	< 0.5	< 2	0.39	0.5	31	31	44	4.10	< 10	50	0.10	10
7072	201	202	< 5	16	440	< 0.2	1.85	2	40	0.5	< 2	0.44	1.5	38	29	54	5.04	< 10	10	0.10	10
7073	201	202	< 5	10	320	< 0.2	1.59	< 2	40	< 0.5	< 2	0.38	1.0	26	28	46	2.71	< 10	30	0.08	10
7074	201	202	< 5	13	340	< 0.2	1.71	< 2	50	< 0.5	< 2	0.48	1.0	39	31	37	4.35	< 10	60	0.09	10

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 15-JUL-96
Invoice No. : I9622945
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9622945

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6979	201	202	0.66	395	< 1	0.01	38	690	8	4	4	12	0.08	< 10	< 10	41	< 10	118
6980	201	202	0.47	>10000	< 1	0.01	185	770	2	4	3	20	0.06	< 10	< 10	34	< 10	816
6981	201	202	0.49	5320	< 1	< 0.01	109	700	2	2	3	9	0.06	< 10	< 10	33	< 10	400
6982	201	202	0.50	5750	1	< 0.01	131	720	2	2	3	14	0.06	< 10	< 10	43	< 10	510
6983	201	202	0.47	625	< 1	< 0.01	28	830	4	2	2	8	0.05	< 10	< 10	35	< 10	92
6984	201	202	0.46	210	< 1	< 0.01	28	830	6	< 2	2	8	0.05	< 10	< 10	30	< 10	120
6985	201	202	0.53	180	< 1	< 0.01	14	780	4	< 2	2	7	0.05	< 10	< 10	31	< 10	32
6986	201	202	0.95	530	< 1	0.01	29	730	10	2	4	13	0.09	< 10	< 10	46	< 10	64
6987	201	202	0.40	1085	< 1	< 0.01	52	910	4	< 2	2	9	0.04	< 10	< 10	40	< 10	182
6988	201	202	0.41	925	< 1	< 0.01	21	950	2	2	1	10	0.05	< 10	< 10	46	< 10	74
6989	201	202	0.34	1355	< 1	< 0.01	44	1020	4	2	2	12	0.05	< 10	< 10	85	< 10	144
6990	201	202	0.38	335	< 1	< 0.01	14	810	4	< 2	1	9	0.05	< 10	< 10	35	< 10	36
6991	201	202	0.65	235	< 1	0.01	18	790	6	< 2	3	11	0.08	< 10	< 10	39	< 10	46
6992	201	202	0.57	210	< 1	< 0.01	17	740	6	< 2	3	10	0.07	< 10	< 10	39	< 10	50
6993	201	202	0.53	290	< 1	< 0.01	18	700	4	< 2	2	8	0.06	< 10	< 10	37	< 10	52
6994	201	202	0.54	5750	4	< 0.01	23	840	6	2	3	14	0.06	< 10	< 10	51	< 10	54
6995	201	202	0.41	1135	< 1	< 0.01	39	1010	4	2	2	9	0.06	< 10	< 10	40	< 10	102
6996	201	202	0.26	1575	25	0.01	215	1300	4	< 2	1	17	0.02	< 10	< 10	27	< 10	1110
6997	201	202	0.23	2060	13	0.01	208	1430	2	4	1	17	0.02	< 10	< 10	25	< 10	962
6998	201	202	0.32	295	6	< 0.01	30	900	2	< 2	1	7	0.04	< 10	< 10	30	< 10	132
6999	201	202	0.09	145	1	0.01	15	730	2	< 2	< 1	7	< 0.01	< 10	< 10	5	< 10	42
7056	201	202	0.36	380	< 1	< 0.01	16	1450	2	2	2	8	0.04	< 10	< 10	44	< 10	76
7057	201	202	0.39	390	< 1	< 0.01	11	630	6	< 2	1	8	0.05	< 10	< 10	48	< 10	30
7058	201	202	0.59	170	< 1	< 0.01	21	680	6	2	3	10	0.07	< 10	< 10	33	< 10	72
7059	201	202	0.59	1015	< 1	0.01	16	620	2	< 2	3	8	0.06	< 10	< 10	29	< 10	36
7060	201	202	3.63	615	1	< 0.01	242	480	12	2	12	8	0.13	< 10	< 10	112	< 10	208
7061	201	202	0.25	9390	7	0.01	187	850	20	6	3	22	< 0.01	< 10	10	15	< 10	876
7062	201	202	0.34	565	5	< 0.01	134	710	30	2	7	10	0.04	< 10	10	33	< 10	916
7063	201	202	0.38	480	2	< 0.01	87	690	40	2	6	12	0.06	< 10	10	39	< 10	698
7064	201	202	0.83	335	< 1	0.01	62	690	18	2	5	13	0.09	< 10	< 10	46	< 10	316
7065	201	202	0.92	430	< 1	0.02	37	680	12	< 2	5	15	0.10	< 10	< 10	44	< 10	222
7066	201	202	0.50	4170	< 1	0.01	99	670	40	4	5	19	0.06	< 10	< 10	31	< 10	654
7067	201	202	0.53	325	< 1	0.01	44	740	10	< 2	4	14	0.07	< 10	< 10	32	< 10	246
7068	201	202	0.58	590	1	0.01	78	770	18	2	5	16	0.07	< 10	< 10	38	< 10	444
7069	201	202	0.45	285	< 1	0.01	36	770	12	< 2	3	12	0.07	< 10	< 10	34	< 10	198
7070	201	202	0.53	205	1	0.01	58	790	16	< 2	4	16	0.06	< 10	< 10	31	< 10	398
7071	201	202	0.48	435	< 1	0.01	57	740	16	< 2	4	12	0.07	< 10	< 10	30	< 10	366
7072	201	202	0.47	215	< 1	0.01	79	780	12	< 2	4	14	0.06	< 10	< 10	30	< 10	496
7073	201	202	0.47	160	< 1	0.01	50	720	12	< 2	3	11	0.06	< 10	< 10	28	< 10	324
7074	201	202	0.51	1385	< 1	0.01	56	710	16	< 2	4	14	0.07	< 10	< 10	30	< 10	380

CERTIFICATION: Ian Bradley

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1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
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CERTIFICATE OF ANALYSIS A9622945

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
7075	201	202	< 5	13	460	< 0.2	2.00	< 2	60	< 0.5	< 2	0.53	1.0	42	35	47	4.99	< 10	40	0.11	20
7076	201	202	< 5	16	550	< 0.2	2.25	< 2	80	0.5	< 2	0.64	2.0	51	38	50	5.57	< 10	70	0.12	20
7077	201	202	< 5	5	260	< 0.2	1.10	< 2	60	< 0.5	< 2	0.50	1.0	40	34	26	4.35	< 10	20	0.10	10
7078	201	202	< 5	2	74	< 0.2	0.77	2	30	< 0.5	< 2	0.38	< 0.5	11	34	11	4.29	< 10	10	0.09	20
7079	201	202	< 5	< 1	39	< 0.2	0.59	< 2	30	< 0.5	< 2	0.36	< 0.5	6	27	7	3.40	< 10	10	0.08	20
7080	201	202	< 5	3	80	< 0.2	0.74	2	30	< 0.5	< 2	0.36	< 0.5	9	26	11	3.18	< 10	< 10	0.08	10
7081	201	202	< 5	4	63	< 0.2	0.69	6	40	< 0.5	< 2	0.32	< 0.5	9	34	10	3.79	< 10	10	0.08	20
7082	201	202	< 5	3	68	< 0.2	0.73	< 2	30	< 0.5	< 2	0.38	< 0.5	9	38	10	4.12	< 10	10	0.08	30
7083	201	202	< 5	3	36	< 0.2	0.62	2	30	< 0.5	< 2	0.37	< 0.5	7	36	9	3.40	< 10	10	0.08	30
7182	201	202	< 5	13	127	< 0.2	1.29	< 2	40	0.5	< 2	1.52	4.0	10	16	125	0.76	< 10	230	0.03	50
7183	201	202	< 5	5	55	< 0.2	1.32	< 2	130	< 0.5	< 2	0.54	< 0.5	8	30	20	2.78	< 10	50	0.09	20
7184	201	202	< 5	3	91	< 0.2	1.01	< 2	580	< 0.5	< 2	0.71	< 0.5	8	24	12	4.85	< 10	120	0.07	10
7185	201	202	< 5	< 1	85	< 0.2	1.36	4	190	< 0.5	< 2	0.41	< 0.5	12	26	17	9.91	< 10	30	0.14	30
7186	201	202	< 5	< 1	95	< 0.2	0.24	< 2	4280	< 0.5	< 2	1.49	< 0.5	15	10	8	8.19	< 10	60	0.16	< 10
7187	201	202	< 5	4	72	< 0.2	1.10	< 2	150	< 0.5	< 2	2.25	0.5	5	34	68	1.69	< 10	140	0.08	20
7188	201	202	< 5	4	1600	< 0.2	2.10	< 2	270	0.5	< 2	0.71	14.5	203	39	112	3.37	< 10	80	0.11	20
7189	201	202	< 5	< 1	71	< 0.2	0.84	< 2	30	< 0.5	< 2	2.01	0.5	7	23	55	4.53	< 10	80	0.09	10
7190	201	202	< 5	5	930	< 0.2	2.07	< 2	220	0.5	< 2	0.51	3.0	47	47	58	5.62	< 10	50	0.13	10
7191	201	202	< 5	3	1100	< 0.2	1.82	< 2	110	< 0.5	< 2	0.79	2.5	18	40	43	7.95	< 10	80	0.13	10
7192	201	202	< 5	4	1050	< 0.2	1.82	6	100	< 0.5	< 2	0.63	2.5	19	40	40	7.21	< 10	40	0.12	10
7193	201	202	< 5	5	680	< 0.2	1.75	< 2	90	< 0.5	< 2	0.62	1.5	16	41	30	5.65	< 10	40	0.15	10
7195	201	202	< 5	3	860	0.6	2.60	< 2	100	1.0	< 2	1.50	6.5	91	6	211	3.89	< 10	140	0.02	50

CERTIFICATION: [signature]

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SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7075	201	202	0.57	1605	< 1	0.01	77	680	16	< 2	4	16	0.07	< 10	< 10	34	< 10	498
7076	201	202	0.61	2540	1	0.01	87	720	18	< 2	5	20	0.08	< 10	< 10	36	< 10	576
7077	201	202	0.51	410	< 1	< 0.01	66	750	10	< 2	3	14	0.07	< 10	< 10	49	< 10	276
7078	201	202	0.40	470	< 1	< 0.01	20	770	4	< 2	2	12	0.07	< 10	< 10	52	< 10	84
7079	201	202	0.35	270	< 1	< 0.01	11	780	2	2	2	11	0.06	< 10	< 10	42	< 10	36
7080	201	202	0.41	385	< 1	< 0.01	17	760	8	< 2	2	11	0.07	< 10	< 10	37	< 10	74
7081	201	202	0.38	260	< 1	< 0.01	15	780	6	< 2	2	10	0.06	< 10	< 10	51	< 10	60
7082	201	202	0.39	355	< 1	< 0.01	16	890	8	2	2	11	0.07	< 10	< 10	57	< 10	66
7083	201	202	0.40	345	< 1	< 0.01	13	940	6	< 2	2	10	0.06	< 10	< 10	48	< 10	32
7182	201	202	0.19	395	< 1	0.03	90	1380	12	< 2	1	32	0.01	< 10	< 10	14	< 10	134
7183	201	202	0.72	325	1	< 0.01	19	740	6	2	4	14	0.10	< 10	< 10	54	< 10	50
7184	201	202	0.48	>10000	3	< 0.01	28	930	6	2	3	21	0.05	< 10	< 10	36	< 10	98
7185	201	202	0.64	1540	5	< 0.01	25	790	4	4	3	10	0.07	< 10	< 10	36	< 10	78
7186	201	202	0.20	>10000	11	< 0.01	37	540	6	10	< 1	125	< 0.01	10	< 10	10	< 10	80
7187	201	202	0.52	1545	3	0.03	32	1680	2	2	1	56	0.03	< 10	< 10	32	< 10	78
7188	201	202	0.66	7260	3	0.01	458	1000	6	< 2	4	18	0.06	< 10	< 10	53	< 10	1530
7189	201	202	0.50	605	1	0.02	26	570	2	2	2	63	0.04	< 10	< 10	29	< 10	66
7190	201	202	0.86	3720	1	0.01	248	680	6	2	5	15	0.09	< 10	< 10	59	< 10	952
7191	201	202	0.78	725	1	0.01	112	800	8	4	5	24	0.08	< 10	< 10	59	< 10	1135
7192	201	202	0.77	1675	3	0.01	145	710	6	2	6	18	0.09	< 10	< 10	61	< 10	1060
7193	201	202	0.82	1805	1	0.01	79	660	8	2	6	19	0.09	< 10	< 10	58	< 10	718
7195	201	202	0.23	>10000	9	0.01	431	1330	2	4	1	40	< 0.01	< 10	10	7	< 10	960

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

TO: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9623575

Comments: ATTN: JOHN BURGESS

CERTIFICATE A9623575

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 23-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
202	160	save reject
238	160	Nitric-aqua-regia digestion
229	160	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	160	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	160	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	160	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	160	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	160	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	160	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	160	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	160	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	160	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	160	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	160	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	160	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	160	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	160	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	160	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	160	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	160	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	160	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	160	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	160	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	160	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	160	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	160	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	160	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	160	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	160	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	160	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	160	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	160	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	160	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	160	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	160	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	160	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	160	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	160	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Certificate Date: 23-JUL-96
Invoice No. : I9623575
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9623575

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
1828	201	202	< 5	9	270	< 0.2	0.86	8	40	0.5	< 2	1.12	1.0	14	33	33	4.65	< 10	30	0.11	30
1829	201	202	< 5	< 1	320	< 0.2	0.24	< 2	< 10	< 0.5	< 2	1.69	2.0	8	2	16	9.44	< 10	70	< 0.01	< 10
1830	201	202	< 5	2	3000	< 0.2	3.03	20	750	1.5	< 2	0.91	15.0	58	15	90	11.30	< 10	80	0.07	30
1831	201	202	< 5	6	1650	0.2	1.85	12	770	0.5	< 2	1.15	4.0	45	28	72	9.09	< 10	100	0.11	30
1832	201	202	< 5	5	1400	0.8	1.19	16	1370	0.5	< 2	1.05	6.0	52	26	49	8.59	< 10	60	0.11	30
1833	201	202	< 5	9	560	< 0.2	1.45	6	200	0.5	< 2	0.46	1.5	24	40	29	3.62	< 10	40	0.12	20
1834	201	202	< 5	8	86	< 0.2	1.17	2	60	< 0.5	< 2	0.39	< 0.5	11	40	19	4.35	< 10	10	0.10	20
1835	201	202	< 5	10	32	< 0.2	0.71	2	40	< 0.5	< 2	0.26	< 0.5	6	25	7	2.17	< 10	20	0.05	10
1836	201	202	< 5	4	135	< 0.2	0.86	< 2	60	< 0.5	< 2	0.30	< 0.5	10	26	12	2.62	< 10	20	0.07	10
1837	201	202	< 5	7	77	< 0.2	0.80	14	90	< 0.5	< 2	0.28	< 0.5	7	28	12	6.19	< 10	30	0.06	20
1838	201	202	< 5	5	47	< 0.2	0.70	2	50	< 0.5	< 2	0.32	< 0.5	6	25	9	2.71	< 10	10	0.04	10
1839	201	202	< 5	6	57	< 0.2	0.61	6	40	< 0.5	< 2	0.29	< 0.5	7	23	9	2.33	< 10	10	0.04	10
1840	201	202	< 5	7	42	< 0.2	0.91	2	60	< 0.5	< 2	0.50	< 0.5	8	32	16	2.88	< 10	20	0.14	10
1841	201	202	< 5	7	40	< 0.2	0.97	2	60	< 0.5	< 2	0.40	< 0.5	9	33	18	3.14	< 10	20	0.13	20
1842	201	202	< 5	4	640	< 0.2	1.18	2	60	0.5	< 2	0.48	2.0	9	20	14	4.55	< 10	40	0.04	10
1843	201	202	< 5	6	66	< 0.2	0.73	4	40	< 0.5	< 2	0.53	< 0.5	6	22	11	2.81	< 10	10	0.05	10
1844	201	202	< 5	< 1	57	< 0.2	0.37	2	190	< 0.5	< 2	0.57	< 0.5	11	14	4	>15.00	< 10	30	0.03	< 10
1845	201	202	< 5	13	166	< 0.2	1.88	12	130	< 0.5	< 2	0.99	< 0.5	15	38	33	7.53	< 10	100	0.30	10
1846	201	202	< 5	12	112	< 0.2	1.07	< 2	150	< 0.5	< 2	1.09	1.5	10	33	54	1.96	< 10	140	0.07	10
1847	201	202	< 5	7	140	< 0.2	1.21	12	60	< 0.5	< 2	0.94	< 0.5	20	39	28	5.36	< 10	50	0.07	10
1848	201	202	< 5	6	81	< 0.2	0.50	< 2	30	< 0.5	< 2	1.06	< 0.5	5	17	11	1.64	< 10	60	0.07	< 10
1849	201	202	< 5	12	146	0.2	0.90	8	300	< 0.5	< 2	1.72	0.5	10	25	28	3.76	< 10	110	0.07	10
1869	201	202	< 5	7	72	< 0.2	0.53	< 2	50	< 0.5	< 2	0.65	< 0.5	4	18	7	2.16	< 10	50	0.04	10
1870	201	202	< 5	5	82	< 0.2	1.00	2	110	< 0.5	< 2	0.67	< 0.5	7	26	8	2.24	< 10	50	0.05	10
1871	201	202	< 5	5	45	< 0.2	0.92	2	50	< 0.5	< 2	0.54	< 0.5	7	29	10	2.36	< 10	< 10	0.06	10
1872	201	202	< 5	10	76	< 0.2	1.21	2	80	< 0.5	< 2	1.71	0.5	8	28	49	1.26	< 10	100	0.06	20
1873	201	202	< 5	3	97	< 0.2	0.28	< 2	70	< 0.5	< 2	2.56	< 0.5	2	9	38	1.16	< 10	110	0.01	< 10
1874	201	202	< 5	6	69	< 0.2	1.23	2	70	< 0.5	< 2	1.97	0.5	7	32	43	1.48	< 10	120	0.07	20
1875	201	202	< 5	4	240	< 0.2	1.49	6	120	0.5	< 2	1.13	1.5	17	29	27	3.43	< 10	110	0.06	20
1876	201	202	< 5	5	250	< 0.2	1.09	2	90	< 0.5	< 2	0.53	< 0.5	7	31	12	1.71	< 10	10	0.08	10
1877	201	202	< 5	6	53	< 0.2	0.71	4	60	< 0.5	< 2	0.26	< 0.5	5	23	7	1.97	< 10	10	0.07	10
1878	201	202	< 5	6	45	< 0.2	0.76	< 2	50	< 0.5	< 2	0.31	< 0.5	5	25	9	2.32	< 10	30	0.07	10
1879	201	202	< 5	4	54	< 0.2	0.85	< 2	60	< 0.5	< 2	0.34	< 0.5	6	26	10	2.36	< 10	10	0.08	10
1880	201	202	< 5	7	51	< 0.2	1.08	2	70	< 0.5	< 2	0.34	< 0.5	8	35	14	2.71	< 10	10	0.10	10
1881	201	202	< 5	8	32	< 0.2	0.70	< 2	40	< 0.5	< 2	0.28	< 0.5	7	27	11	2.35	< 10	10	0.08	10
1882	201	202	< 5	4	48	< 0.2	0.63	< 2	30	< 0.5	< 2	0.31	< 0.5	7	30	9	2.43	< 10	< 10	0.07	10
1883	201	202	< 5	3	43	< 0.2	0.69	< 2	30	< 0.5	< 2	0.28	< 0.5	7	29	11	2.00	< 10	< 10	0.08	10
1884	201	202	< 5	4	41	< 0.2	0.74	4	50	< 0.5	< 2	0.36	< 0.5	10	30	14	2.24	< 10	10	0.13	10
1885	201	202	< 5	< 1	55	< 0.2	1.25	< 2	90	< 0.5	< 2	0.65	< 0.5	11	44	23	3.08	< 10	30	0.26	10
1886	201	202	< 5	3	110	< 0.2	0.76	2	50	< 0.5	< 2	0.35	< 0.5	13	34	12	3.47	< 10	< 10	0.06	20

CERTIFICATION: Stan Bachler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :1-B
Total Pages :4
Certificate Date: 23-JUL-96
Invoice No. :I9623575
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623575

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1828	201	202	0.79	285	6	< 0.01	47	650	8	< 2	4	15	0.09	< 10	< 10	73	< 10	242
1829	201	202	0.18	1685	1	< 0.01	66	450	< 2	< 2	< 1	31	< 0.01	< 10	< 10	< 1	< 10	342
1830	201	202	0.28	>10000	37	< 0.01	353	760	2	< 2	4	103	0.03	< 10	50	20	< 10	2520
1831	201	202	0.51	>10000	16	< 0.01	279	1320	4	< 2	4	45	0.06	< 10	20	30	< 10	1595
1832	201	202	0.43	>10000	22	0.01	384	900	2	< 2	3	45	0.05	< 10	10	28	< 10	1270
1833	201	202	0.70	1935	3	< 0.01	99	720	10	< 2	4	13	0.09	< 10	< 10	40	< 10	512
1834	201	202	0.67	1045	< 1	< 0.01	28	830	6	< 2	3	15	0.09	< 10	< 10	42	< 10	88
1835	201	202	0.39	190	< 1	< 0.01	15	620	2	< 2	2	8	0.06	< 10	< 10	28	< 10	30
1836	201	202	0.45	155	1	< 0.01	26	750	4	< 2	2	9	0.06	< 10	< 10	27	< 10	132
1837	201	202	0.42	265	1	< 0.01	17	810	2	< 2	2	8	0.06	< 10	< 10	31	< 10	70
1838	201	202	0.41	345	< 1	< 0.01	13	770	2	< 2	1	10	0.05	< 10	< 10	27	< 10	44
1839	201	202	0.37	235	< 1	< 0.01	16	750	2	< 2	1	8	0.05	< 10	< 10	26	< 10	52
1840	201	202	0.73	410	< 1	0.01	18	720	6	< 2	3	14	0.07	< 10	< 10	32	< 10	38
1841	201	202	0.68	275	< 1	0.01	19	790	6	< 2	3	13	0.08	< 10	< 10	33	< 10	36
1842	201	202	0.34	245	2	< 0.01	41	680	2	< 2	1	11	0.05	< 10	< 10	24	< 10	594
1843	201	202	0.41	400	1	< 0.01	13	790	6	< 2	2	13	0.05	< 10	< 10	24	< 10	62
1844	201	202	0.18	1185	10	< 0.01	13	920	< 2	< 2	1	16	0.04	< 10	< 10	20	< 10	46
1845	201	202	0.84	2980	1	< 0.01	30	900	14	< 2	4	25	0.09	< 10	< 10	48	< 10	156
1846	201	202	0.44	680	1	0.01	46	990	8	< 2	4	21	0.03	< 10	20	23	< 10	104
1847	201	202	0.83	420	2	< 0.01	35	1820	6	< 2	4	15	0.19	< 10	< 10	76	< 10	126
1848	201	202	0.59	235	1	0.01	17	840	4	< 2	2	16	0.04	< 10	< 10	14	< 10	64
1849	201	202	0.49	7840	4	0.01	29	1550	8	< 2	1	36	0.02	< 10	20	30	< 10	152
1869	201	202	0.31	760	1	< 0.01	10	1040	6	< 2	1	12	0.04	< 10	< 10	23	< 10	64
1870	201	202	0.39	445	< 1	0.01	13	940	6	< 2	3	13	0.06	< 10	< 10	27	< 10	88
1871	201	202	0.49	265	< 1	0.01	12	1060	2	< 2	4	13	0.09	< 10	< 10	35	< 10	46
1872	201	202	0.50	235	1	0.01	28	1040	8	< 2	3	30	0.05	< 10	< 10	24	< 10	72
1873	201	202	0.30	805	7	0.01	30	840	< 2	< 2	< 1	31	< 0.01	< 10	< 10	6	< 10	80
1874	201	202	0.54	170	1	0.02	25	940	4	< 2	4	29	0.07	< 10	10	29	< 10	70
1875	201	202	0.45	350	6	0.01	63	1340	2	< 2	3	25	0.03	< 10	10	21	< 10	236
1876	201	202	0.58	260	< 1	< 0.01	34	780	6	< 2	3	13	0.07	< 10	< 10	28	< 10	264
1877	201	202	0.44	125	< 1	< 0.01	13	630	4	< 2	1	7	0.05	< 10	< 10	23	< 10	48
1878	201	202	0.44	125	< 1	< 0.01	14	690	2	< 2	2	7	0.05	< 10	< 10	25	< 10	42
1879	201	202	0.48	185	< 1	< 0.01	16	680	2	< 2	2	9	0.06	< 10	< 10	26	< 10	46
1880	201	202	0.61	245	< 1	< 0.01	19	680	6	< 2	3	9	0.08	< 10	< 10	34	< 10	46
1881	201	202	0.45	190	< 1	< 0.01	14	650	2	< 2	2	8	0.06	< 10	< 10	29	< 10	32
1882	201	202	0.41	300	< 1	< 0.01	15	780	2	< 2	1	8	0.05	< 10	< 10	34	< 10	42
1883	201	202	0.45	195	< 1	< 0.01	16	680	4	< 2	2	8	0.05	< 10	< 10	29	< 10	42
1884	201	202	0.57	240	< 1	< 0.01	19	690	2	< 2	2	8	0.06	< 10	< 10	31	< 10	40
1885	201	202	0.96	440	< 1	0.01	24	760	6	< 2	4	13	0.09	< 10	< 10	44	< 10	58
1886	201	202	0.38	185	< 1	< 0.01	26	770	4	< 2	2	8	0.05	< 10	< 10	44	< 10	100

CERTIFICATION: Kevin Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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ONE FINANCIAL PLACE
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Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :2-A
Total Pages :4
Certificate Date: 23-JUL-96
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CERTIFICATE OF ANALYSIS A9623575

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
1887	201	202	< 5	5	48	< 0.2	0.89	2	50	< 0.5	< 2	0.43	< 0.5	9	37	15	2.84	< 10	10	0.14	10
1888	201	202	< 5	4	62	< 0.2	1.46	8	90	< 0.5	< 2	0.78	< 0.5	13	49	24	3.77	< 10	20	0.33	20
1889	201	202	< 5	6	40	< 0.2	0.93	2	70	< 0.5	< 2	0.40	< 0.5	10	42	19	3.15	< 10	10	0.14	20
1890	201	202	< 5	6	41	< 0.2	1.06	2	60	< 0.5	< 2	0.41	< 0.5	9	38	17	2.83	< 10	30	0.15	20
1891	201	202	< 5	< 1	50	< 0.2	1.13	8	70	< 0.5	< 2	0.44	< 0.5	10	41	17	3.16	< 10	20	0.17	20
1892	201	202	< 5	2	38	< 0.2	0.88	2	50	< 0.5	< 2	0.34	< 0.5	8	29	14	2.29	< 10	10	0.11	10
1893	201	202	< 5	< 1	30	< 0.2	0.65	2	40	< 0.5	< 2	0.35	< 0.5	8	26	10	2.17	< 10	< 10	0.08	10
1894	201	202	< 5	4	35	< 0.2	0.72	6	50	< 0.5	< 2	0.36	< 0.5	8	34	14	3.08	< 10	< 10	0.09	10
1895	201	202	< 5	5	39	< 0.2	0.80	6	60	< 0.5	< 2	0.33	< 0.5	8	30	15	2.49	< 10	10	0.11	10
1896	201	202	< 5	2	40	< 0.2	0.59	< 2	30	< 0.5	< 2	0.31	< 0.5	6	24	9	2.33	< 10	< 10	0.06	10
1897	201	202	< 5	< 1	49	< 0.2	0.62	2	30	< 0.5	< 2	0.37	< 0.5	7	32	9	3.53	< 10	< 10	0.06	10
1898	201	202	< 5	3	61	< 0.2	0.75	6	50	< 0.5	< 2	0.32	< 0.5	6	27	15	3.06	< 10	20	0.06	10
1899	201	202	< 5	< 1	155	< 0.2	0.77	4	40	< 0.5	< 2	0.57	< 0.5	11	29	27	5.96	< 10	40	0.05	10
1952	201	202	< 5	< 1	46	< 0.2	1.07	8	50	< 0.5	< 2	0.38	< 0.5	8	43	15	2.82	< 10	10	0.15	20
1953	201	202	< 5	< 1	50	< 0.2	1.07	6	50	< 0.5	< 2	0.36	< 0.5	9	42	15	2.48	< 10	10	0.15	10
1954	201	202	< 5	< 1	380	< 0.2	1.23	8	70	0.5	< 2	0.80	2.0	14	25	33	7.83	< 10	60	0.16	20
1955	201	202	< 5	3	440	0.2	1.44	2	90	0.5	< 2	2.35	3.0	11	17	85	7.39	< 10	130	0.08	30
1956	201	202	< 5	4	142	0.2	1.67	2	50	< 0.5	< 2	1.59	0.5	9	25	62	2.56	< 10	160	0.09	30
1957	201	202	< 5	7	143	< 0.2	1.22	< 2	40	< 0.5	< 2	0.79	< 0.5	5	21	25	2.13	< 10	70	0.05	30
1958	201	202	< 5	5	680	< 0.2	2.22	6	70	1.0	< 2	0.74	2.0	18	24	33	3.00	< 10	70	0.06	50
1959	201	202	< 5	< 1	550	< 0.2	3.27	6	50	0.5	< 2	0.65	< 0.5	10	42	40	5.70	< 10	60	0.28	50
1960	201	202	< 5	3	35	< 0.2	0.90	6	40	< 0.5	< 2	0.21	< 0.5	8	31	17	2.54	< 10	30	0.06	10
1961	201	202	< 5	2	36	< 0.2	0.97	4	50	< 0.5	< 2	0.24	< 0.5	6	32	14	2.21	< 10	20	0.06	10
1962	201	202	< 5	< 1	26	< 0.2	1.07	2	90	< 0.5	< 2	0.23	0.5	4	21	41	0.98	< 10	130	0.05	10
1963	201	202	< 5	3	38	< 0.2	1.19	2	70	< 0.5	< 2	0.25	< 0.5	7	37	14	2.25	< 10	10	0.07	10
1964	201	202	< 5	3	35	< 0.2	1.02	6	80	< 0.5	< 2	0.20	< 0.5	9	33	11	3.46	< 10	< 10	0.05	10
1965	201	202	< 5	< 1	33	< 0.2	1.08	2	40	< 0.5	< 2	0.19	< 0.5	7	33	12	3.13	< 10	< 10	0.06	10
1966	201	202	< 5	< 1	38	< 0.2	0.95	6	110	0.5	< 2	0.28	< 0.5	6	28	27	1.50	< 10	< 10	0.06	10
1967	201	202	< 5	10	41	< 0.2	0.19	< 2	40	< 0.5	< 2	0.24	< 0.5	3	74	13	0.72	< 10	70	0.03	< 10
1968	201	202	< 5	5	49	< 0.2	1.31	4	60	< 0.5	< 2	0.26	< 0.5	7	42	19	2.93	< 10	10	0.11	10
1969	201	202	< 5	3	30	< 0.2	0.94	< 2	50	< 0.5	< 2	0.30	< 0.5	5	28	6	1.48	< 10	< 10	0.06	10
1970	201	202	< 5	7	60	< 0.2	1.63	2	90	0.5	< 2	0.30	< 0.5	11	49	29	3.50	< 10	30	0.22	20
1971	201	202	< 5	5	54	< 0.2	1.16	8	70	< 0.5	< 2	0.30	< 0.5	9	37	17	3.06	< 10	30	0.11	10
1972	201	202	< 5	7	57	< 0.2	1.18	10	80	< 0.5	< 2	0.31	< 0.5	9	39	20	3.14	< 10	40	0.13	10
1973	201	202	< 5	5	70	< 0.2	1.34	< 2	90	< 0.5	< 2	0.30	< 0.5	12	42	25	2.76	< 10	50	0.13	20
1974	201	202	< 5	12	51	< 0.2	1.05	8	90	< 0.5	< 2	0.32	< 0.5	19	38	25	3.81	< 10	40	0.12	20
1975	201	202	< 5	7	55	< 0.2	1.34	6	90	< 0.5	< 2	0.36	< 0.5	10	42	20	3.38	< 10	30	0.15	20
1976	201	202	< 5	11	85	< 0.2	1.70	6	160	0.5	< 2	0.38	< 0.5	13	52	29	4.02	< 10	60	0.22	20
1977	201	202	< 5	8	54	< 0.2	1.27	6	90	< 0.5	< 2	0.38	< 0.5	10	42	19	3.05	< 10	30	0.14	10
1978	201	202	< 5	5	67	< 0.2	1.25	4	90	< 0.5	< 2	0.37	< 0.5	8	44	27	1.95	< 10	40	0.15	20

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: [illegible]ECO[illegible]NADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :2-B
Total Pages :4
Certificate Date: 23-JUL-96
Invoice No. :I9623575
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623575

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1887	201	202	0.60	285	< 1	0.01	18	790	6	< 2	3	10	0.07	< 10	< 10	40	< 10	44
1888	201	202	1.06	590	< 1	0.02	26	830	8	< 2	4	21	0.11	< 10	< 10	51	< 10	66
1889	201	202	0.56	250	< 1	0.01	20	910	6	< 2	3	11	0.07	< 10	< 10	46	< 10	42
1890	201	202	0.63	530	< 1	< 0.01	20	810	4	< 2	3	12	0.08	< 10	< 10	39	< 10	44
1891	201	202	0.66	845	< 1	0.01	21	830	6	< 2	4	13	0.08	< 10	< 10	42	< 10	52
1892	201	202	0.54	240	< 1	< 0.01	16	700	4	< 2	3	9	0.07	< 10	< 10	29	< 10	38
1893	201	202	0.39	175	< 1	< 0.01	13	830	4	< 2	2	8	0.05	< 10	< 10	31	< 10	30
1894	201	202	0.42	535	< 1	< 0.01	16	870	6	< 2	2	9	0.05	< 10	< 10	42	< 10	34
1895	201	202	0.49	655	< 1	< 0.01	18	710	6	< 2	2	9	0.05	< 10	< 10	33	< 10	38
1896	201	202	0.35	285	< 1	< 0.01	12	740	2	< 2	1	7	0.04	< 10	< 10	28	< 10	40
1897	201	202	0.35	455	< 1	< 0.01	15	880	2	< 2	1	8	0.04	< 10	< 10	41	< 10	52
1898	201	202	0.38	165	< 1	< 0.01	16	740	6	< 2	2	8	0.05	< 10	< 10	34	< 10	74
1899	201	202	0.38	515	< 1	< 0.01	26	650	6	< 2	2	12	0.06	< 10	< 10	38	< 10	158
1952	201	202	0.67	325	< 1	0.01	19	830	8	< 2	3	13	0.09	< 10	< 10	42	< 10	52
1953	201	202	0.66	420	< 1	< 0.01	19	740	6	< 2	3	12	0.09	< 10	< 10	38	< 10	50
1954	201	202	0.46	2880	1	< 0.01	50	840	2	< 2	3	27	0.06	< 10	< 10	31	< 10	372
1955	201	202	0.52	2570	3	0.01	100	1190	6	< 2	1	72	0.03	< 10	10	18	< 10	612
1956	201	202	0.51	185	1	0.01	66	1380	6	< 2	1	51	0.03	< 10	30	21	< 10	192
1957	201	202	0.36	300	< 1	0.01	29	1080	6	< 2	1	26	0.03	< 10	10	18	< 10	146
1958	201	202	0.39	3180	< 1	0.01	125	860	8	< 2	2	30	0.04	< 10	< 10	21	< 10	662
1959	201	202	1.29	515	< 1	< 0.01	45	600	6	< 2	3	30	0.17	< 10	< 10	26	< 10	550
1960	201	202	0.52	175	< 1	< 0.01	16	720	4	< 2	3	7	0.06	< 10	< 10	29	< 10	38
1961	201	202	0.53	150	< 1	< 0.01	14	720	6	< 2	2	8	0.05	< 10	< 10	33	< 10	36
1962	201	202	0.16	160	< 1	0.02	29	920	6	< 2	1	11	0.02	< 10	< 10	18	< 10	40
1963	201	202	0.59	155	< 1	< 0.01	17	830	6	< 2	3	9	0.07	< 10	< 10	33	< 10	42
1964	201	202	0.46	375	< 1	< 0.01	15	780	4	< 2	3	7	0.06	< 10	< 10	31	< 10	34
1965	201	202	0.52	285	< 1	< 0.01	15	560	4	< 2	3	7	0.07	< 10	< 10	31	< 10	32
1966	201	202	0.38	180	< 1	0.01	17	710	8	< 2	2	14	0.04	< 10	< 10	29	< 10	34
1967	201	202	0.12	200	1	0.04	12	370	14	< 2	< 1	11	< 0.01	< 10	< 10	4	< 10	40
1968	201	202	0.63	165	< 1	0.01	18	730	6	< 2	3	10	0.08	< 10	< 10	40	< 10	48
1969	201	202	0.53	120	< 1	< 0.01	13	720	2	< 2	2	9	0.07	< 10	< 10	22	< 10	30
1970	201	202	0.82	225	< 1	0.01	26	680	8	< 2	5	14	0.10	< 10	< 10	43	< 10	58
1971	201	202	0.61	255	< 1	< 0.01	20	750	8	< 2	3	11	0.07	< 10	< 10	34	< 10	50
1972	201	202	0.64	260	< 1	0.01	21	750	6	< 2	3	12	0.07	< 10	< 10	35	< 10	54
1973	201	202	0.69	250	< 1	0.01	25	680	8	< 2	4	12	0.08	< 10	< 10	35	< 10	66
1974	201	202	0.58	895	< 1	0.01	27	820	14	< 2	3	11	0.06	< 10	< 10	39	< 10	52
1975	201	202	0.75	710	< 1	0.01	25	720	8	< 2	4	14	0.08	< 10	< 10	35	< 10	60
1976	201	202	0.91	460	< 1	0.01	34	670	10	< 2	5	16	0.09	< 10	< 10	42	< 10	86
1977	201	202	0.73	310	< 1	0.01	24	750	6	< 2	4	14	0.08	< 10	< 10	36	< 10	54
1978	201	202	0.71	185	< 1	0.01	21	790	6	< 2	4	13	0.09	< 10	< 10	41	< 10	70

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :3-A
Total Pages :4
Certificate Date: 23-JUL-96
Invoice No. :I9623575
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623575

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
1979	201	202	< 5	9	43	< 0.2	1.17	8	50	< 0.5	< 2	0.26	< 0.5	6	38	5	2.58	< 10	20	0.07	10
1980	201	202	< 5	6	54	< 0.2	1.11	98	1060	< 0.5	< 2	0.47	< 0.5	20	65	24	6.38	< 10	20	0.18	20
1981	201	202	< 5	5	35	< 0.2	0.60	10	160	0.5	< 2	1.11	< 0.5	7	100	26	2.51	< 10	50	0.07	20
1982	201	202	< 5	6	100	< 0.2	1.14	4	100	< 0.5	< 2	0.32	< 0.5	10	36	17	2.67	< 10	10	0.11	10
1983	201	202	< 5	5	90	< 0.2	1.14	2	80	< 0.5	< 2	0.55	< 0.5	9	36	14	2.37	< 10	30	0.10	10
1984	201	202	< 5	6	60	< 0.2	1.04	2	60	< 0.5	< 2	0.40	< 0.5	6	36	14	2.31	< 10	10	0.09	10
1985	201	202	< 5	5	84	< 0.2	0.96	6	50	< 0.5	< 2	0.40	< 0.5	8	31	12	1.97	< 10	30	0.07	10
1986	201	202	< 5	6	75	< 0.2	0.93	2	50	< 0.5	< 2	0.37	< 0.5	8	29	11	2.34	< 10	40	0.07	10
1987	201	202	< 5	7	86	< 0.2	0.98	2	80	< 0.5	< 2	0.45	< 0.5	10	30	15	2.73	< 10	< 10	0.07	10
3296	201	202	< 5	3	54	< 0.2	0.98	< 2	60	< 0.5	< 2	0.67	< 0.5	9	30	35	1.99	< 10	30	0.11	20
3297	201	202	< 5	9	37	< 0.2	1.10	4	90	< 0.5	< 2	1.11	< 0.5	6	23	44	1.64	< 10	80	0.07	20
3298	201	202	< 5	6	66	< 0.2	0.83	2	60	< 0.5	< 2	0.85	< 0.5	5	18	26	1.19	< 10	70	0.06	10
3299	201	202	< 5	7	46	< 0.2	0.91	2	70	< 0.5	< 2	1.25	< 0.5	6	22	35	2.13	< 10	100	0.06	10
3300	201	202	< 5	5	44	< 0.2	0.89	6	70	< 0.5	< 2	1.08	< 0.5	5	22	28	1.97	< 10	120	0.05	10
3301	201	202	< 5	3	132	< 0.2	1.05	12	140	< 0.5	< 2	1.06	< 0.5	10	27	31	4.09	< 10	90	0.08	10
3302	201	202	< 5	6	63	< 0.2	0.80	2	50	< 0.5	< 2	1.01	< 0.5	6	21	19	1.77	< 10	50	0.08	10
3303	201	202	< 5	6	41	< 0.2	0.79	< 2	50	< 0.5	< 2	0.70	< 0.5	5	22	18	1.00	< 10	30	0.08	10
3304	201	202	< 5	5	42	< 0.2	0.82	2	60	< 0.5	< 2	0.49	< 0.5	7	25	13	1.69	< 10	20	0.09	10
3305	201	202	< 5	7	55	< 0.2	1.37	6	80	< 0.5	< 2	0.81	< 0.5	12	41	25	3.41	< 10	10	0.25	20
3306	201	202	< 5	8	56	< 0.2	1.39	6	80	< 0.5	< 2	0.65	< 0.5	12	44	26	3.61	< 10	30	0.24	20
3307	201	202	< 5	5	36	< 0.2	1.01	2	60	< 0.5	< 2	0.42	< 0.5	7	30	13	1.78	< 10	40	0.09	10
3308	201	202	< 5	8	52	< 0.2	1.36	10	70	< 0.5	< 2	0.54	< 0.5	11	41	21	3.35	< 10	10	0.22	20
3309	201	202	< 5	6	50	< 0.2	1.21	2	70	< 0.5	< 2	0.52	< 0.5	9	35	17	2.27	< 10	20	0.13	10
3310	201	202	< 5	28	106	< 0.2	0.29	26	90	< 0.5	< 2	1.76	0.5	8	22	39	6.15	< 10	150	0.04	10
3311	201	202	< 5	3	62	< 0.2	0.84	< 2	100	< 0.5	< 2	2.48	< 0.5	6	17	45	1.54	< 10	100	0.07	10
3312	201	202	< 5	7	80	< 0.2	1.07	6	60	< 0.5	< 2	1.22	< 0.5	7	24	39	1.94	< 10	80	0.08	10
3313	201	202	15	6	28	< 0.2	0.48	4	20	< 0.5	< 2	0.40	< 0.5	5	19	13	1.63	< 10	10	0.06	10
3314	201	202	< 5	5	45	< 0.2	1.60	8	90	< 0.5	< 2	2.94	< 0.5	7	33	118	1.55	< 10	240	0.07	30
3315	201	202	5	3	48	< 0.2	1.37	8	80	< 0.5	< 2	3.03	< 0.5	5	24	96	1.36	< 10	180	0.06	30
3316	201	202	< 5	26	80	< 0.2	2.35	22	100	0.5	< 2	1.02	< 0.5	11	45	96	2.61	10	100	0.11	10
3317	201	202	< 5	34	111	< 0.2	1.07	6	100	< 0.5	< 2	2.32	0.5	9	74	81	1.38	< 10	190	0.07	10
3318	201	202	< 5	21	90	< 0.2	1.42	8	60	< 0.5	< 2	1.96	0.5	10	32	323	1.39	< 10	390	0.06	30
3319	201	202	< 5	28	111	0.2	1.40	254	100	< 0.5	< 2	2.42	1.0	19	22	287	2.56	< 10	190	0.12	20
3320	201	202	< 5	29	164	< 0.2	2.11	184	80	< 0.5	< 2	1.94	0.5	24	59	288	3.74	< 10	230	0.10	20
3321	201	202	< 5	7	64	< 0.2	0.94	20	40	< 0.5	< 2	0.75	< 0.5	7	24	78	1.65	< 10	70	0.07	10
3322	201	202	< 5	6	48	< 0.2	1.08	8	60	< 0.5	< 2	0.71	< 0.5	7	29	55	1.71	< 10	50	0.09	10
3323	201	202	< 5	9	66	< 0.2	1.39	26	70	< 0.5	< 2	0.87	< 0.5	9	37	74	2.20	< 10	80	0.13	10
3324	201	202	< 5	10	69	< 0.2	1.58	14	110	0.5	< 2	0.85	< 0.5	11	44	89	2.65	< 10	70	0.14	10
3325	201	202	< 5	8	73	< 0.2	1.43	6	100	0.5	< 2	0.77	< 0.5	11	45	43	3.27	< 10	50	0.23	20
3326	201	202	< 5	8	86	< 0.2	1.27	30	160	< 0.5	< 2	0.80	< 0.5	11	38	53	4.96	< 10	70	0.14	10

CERTIFICATION: Stuart Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :3-B
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Certificate Date: 23-JUL-96
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CERTIFICATE OF ANALYSIS A9623575

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1979	201	202	0.57	150	< 1	< 0.01	14	870	8	< 2	3	9	0.08	< 10	< 10	41	< 10	44
1980	201	202	0.63	2350	3	0.01	26	990	6	< 2	4	19	0.09	< 10	< 10	54	< 10	50
1981	201	202	0.39	840	1	0.01	24	1120	2	< 2	1	28	0.03	< 10	10	24	< 10	34
1982	201	202	0.62	300	< 1	0.01	30	680	6	< 2	3	10	0.07	< 10	< 10	32	< 10	106
1983	201	202	0.62	290	< 1	0.01	29	780	6	< 2	3	14	0.07	< 10	< 10	33	< 10	94
1984	201	202	0.59	155	< 1	0.01	19	580	6	< 2	3	10	0.07	< 10	< 10	33	< 10	56
1985	201	202	0.52	155	< 1	< 0.01	23	720	6	< 2	3	10	0.06	< 10	< 10	30	< 10	82
1986	201	202	0.49	155	< 1	0.01	19	770	4	< 2	3	10	0.06	< 10	< 10	27	< 10	70
1987	201	202	0.52	370	< 1	< 0.01	29	740	6	< 2	3	11	0.07	< 10	< 10	32	< 10	86
3296	201	202	0.65	185	1	0.01	17	840	8	< 2	3	12	0.11	< 10	< 10	43	< 10	50
3297	201	202	0.43	1025	1	0.02	14	1180	4	< 2	1	22	0.05	< 10	10	25	< 10	34
3298	201	202	0.40	190	< 1	0.01	9	880	4	< 2	2	22	0.05	< 10	10	18	< 10	48
3299	201	202	0.43	565	1	0.01	11	1010	2	< 2	2	25	0.05	< 10	10	24	< 10	44
3300	201	202	0.39	365	1	0.01	10	1060	2	< 2	2	22	0.04	< 10	10	27	< 10	40
3301	201	202	0.47	1820	4	0.01	15	1530	6	< 2	3	22	0.05	< 10	10	39	< 10	128
3302	201	202	0.42	220	1	0.01	10	1030	4	< 2	2	23	0.07	< 10	< 10	28	< 10	68
3303	201	202	0.40	185	< 1	0.01	10	750	6	< 2	3	18	0.07	< 10	< 10	25	< 10	42
3304	201	202	0.48	150	< 1	0.01	12	730	4	< 2	2	13	0.07	< 10	< 10	30	< 10	38
3305	201	202	1.09	645	< 1	0.02	23	730	8	< 2	4	19	0.10	< 10	< 10	41	< 10	52
3306	201	202	0.93	735	< 1	0.03	24	800	8	< 2	4	18	0.10	< 10	< 10	43	< 10	58
3307	201	202	0.56	150	< 1	0.01	16	700	6	< 2	3	13	0.08	< 10	< 10	31	< 10	40
3308	201	202	0.90	310	< 1	0.01	23	760	8	< 2	4	16	0.10	< 10	< 10	42	< 10	54
3309	201	202	0.65	185	1	0.01	18	700	6	< 2	4	20	0.09	< 10	< 10	35	< 10	48
3310	201	202	0.23	340	9	0.03	8	1330	22	< 2	< 1	45	< 0.01	< 10	< 10	39	< 10	118
3311	201	202	0.51	920	1	0.02	11	1260	4	< 2	1	45	0.03	< 10	20	20	< 10	74
3312	201	202	0.51	215	< 1	0.01	13	1060	4	< 2	3	22	0.07	< 10	10	35	< 10	92
3313	201	202	0.29	170	< 1	0.01	8	750	2	< 2	1	9	0.06	< 10	< 10	30	< 10	26
3314	201	202	0.53	345	1	0.03	17	2290	2	< 2	1	48	0.01	< 10	40	23	< 10	54
3315	201	202	0.39	210	1	0.03	13	1900	2	< 2	1	45	0.01	< 10	20	17	< 10	56
3316	201	202	0.42	335	1	0.01	17	2410	22	< 2	4	20	0.07	< 10	< 10	53	< 10	90
3317	201	202	0.26	2530	1	0.03	19	1810	30	< 2	1	30	0.01	< 10	< 10	17	< 10	98
3318	201	202	0.51	255	< 1	0.02	46	1140	8	< 2	7	25	0.05	< 10	< 10	29	< 10	90
3319	201	202	0.34	2760	1	0.03	55	2950	30	< 2	2	30	0.01	< 10	< 10	29	< 10	108
3320	201	202	0.93	1385	< 1	0.01	76	1480	20	< 2	6	23	0.06	< 10	< 10	53	< 10	184
3321	201	202	0.57	185	< 1	< 0.01	23	790	4	< 2	3	11	0.07	< 10	< 10	23	< 10	66
3322	201	202	0.60	155	< 1	0.01	20	750	6	< 2	3	17	0.08	< 10	< 10	28	< 10	54
3323	201	202	0.73	195	< 1	0.01	27	780	6	< 2	4	18	0.08	< 10	< 10	34	< 10	70
3324	201	202	0.83	260	1	0.01	33	710	6	2	5	18	0.09	< 10	< 10	42	< 10	78
3325	201	202	0.99	485	< 1	0.02	26	820	8	< 2	5	19	0.10	< 10	< 10	46	< 10	76
3326	201	202	0.73	2050	1	0.01	30	780	6	< 2	4	24	0.09	< 10	< 10	38	< 10	94

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :4-A
Total Pages :4
Certificate Date: 23-JUL-96
Invoice No. :I9623575
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623575

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
3327	201	202	< 5	4	100	< 0.2	0.92	58	240	< 0.5	< 2	0.71	< 0.5	8	25	36	6.30	< 10	80	0.09	10
3328	201	202	< 5	7	72	< 0.2	1.36	28	130	< 0.5	< 2	0.73	< 0.5	11	37	35	4.32	< 10	60	0.15	20
3329	201	202	< 5	8	56	< 0.2	1.31	6	90	< 0.5	< 2	0.54	< 0.5	9	38	32	3.01	< 10	30	0.15	20
3330	201	202	< 5	8	57	< 0.2	1.24	8	80	< 0.5	< 2	0.48	< 0.5	7	35	29	2.74	< 10	40	0.14	10
3331	201	202	15	12	70	< 0.2	1.11	20	90	< 0.5	< 2	0.72	< 0.5	9	33	34	3.77	< 10	60	0.11	10
3332	201	202	< 5	6	60	< 0.2	1.70	8	150	< 0.5	< 2	0.57	< 0.5	15	30	29	4.46	< 10	40	0.23	10
3333	201	202	< 5	5	50	< 0.2	1.08	16	70	< 0.5	< 2	0.64	< 0.5	7	28	21	3.35	< 10	40	0.11	10
3334	201	202	< 5	4	52	< 0.2	1.11	16	90	< 0.5	< 2	0.69	< 0.5	8	29	27	3.63	< 10	40	0.11	10
3335	201	202	< 5	7	59	< 0.2	1.29	16	100	< 0.5	< 2	0.70	< 0.5	9	32	29	3.78	< 10	40	0.13	10
3336	201	202	< 5	9	68	< 0.2	1.41	20	110	< 0.5	< 2	0.84	< 0.5	12	33	45	4.30	< 10	30	0.14	10
3337	201	202	< 5	6	59	< 0.2	1.17	16	80	< 0.5	< 2	0.69	< 0.5	10	29	29	3.24	< 10	50	0.10	10
3338	201	202	< 5	8	59	< 0.2	1.15	12	80	< 0.5	< 2	0.72	< 0.5	9	33	31	3.72	< 10	40	0.12	10
3339	201	202	< 5	5	58	< 0.2	1.16	10	70	< 0.5	< 2	0.67	< 0.5	10	37	29	4.46	< 10	50	0.12	10
3340	201	202	< 5	3	44	< 0.2	1.02	10	70	< 0.5	< 2	0.64	< 0.5	9	36	25	4.57	< 10	30	0.10	10
3341	201	202	< 5	10	50	< 0.2	1.66	10	50	< 0.5	< 2	1.12	< 0.5	6	28	38	2.94	< 10	40	0.10	10
3342	201	202	< 5	2	27	< 0.2	0.68	6	30	< 0.5	< 2	0.37	< 0.5	5	27	9	3.35	< 10	10	0.07	10
3343	201	202	< 5	5	50	< 0.2	0.97	12	60	< 0.5	< 2	0.58	< 0.5	7	27	27	3.10	< 10	30	0.08	10
3344	201	202	< 5	7	175	< 0.2	1.14	6	50	< 0.5	< 2	0.32	0.5	5	37	75	5.60	< 10	90	0.09	< 10
3345	201	202	< 5	< 1	490	< 0.2	2.18	18	60	0.5	< 2	0.47	1.0	4	29	124	>15.00	< 10	80	0.05	10
3346	201	202	< 5	< 1	820	< 0.2	1.89	12	40	0.5	2	0.36	1.5	8	28	86	13.80	< 10	140	0.06	10
3347	201	202	5	12	890	< 0.2	1.23	24	70	0.5	< 2	0.64	3.0	23	25	82	7.55	< 10	160	0.07	10
3348	201	202	< 5	11	1400	< 0.2	1.26	16	80	< 0.5	< 2	0.98	2.5	14	24	44	8.49	< 10	220	0.09	10
3349	201	202	< 5	9	1150	< 0.2	1.20	14	80	< 0.5	< 2	0.85	2.5	15	25	53	8.90	< 10	130	0.07	10
3350	201	202	< 5	12	1200	< 0.2	1.18	22	60	< 0.5	< 2	1.19	2.5	14	21	52	6.61	< 10	180	0.06	10
3351	201	202	< 5	11	7300	0.2	10.15	26	170	6.0	2	0.80	42.0	64	7	174	3.44	< 10	90	< 0.01	80
3352	201	202	< 5	6	7600	< 0.2	9.20	26	130	3.5	4	0.29	94.0	135	8	190	3.22	< 10	150	0.02	60
3353	201	202	< 5	11	6200	< 0.2	3.82	12	90	1.5	< 2	1.46	34.5	59	19	76	5.78	< 10	160	0.06	20
3354	201	202	< 5	13	4100	< 0.2	3.77	20	80	1.5	< 2	1.70	19.0	40	21	84	5.47	< 10	230	0.07	30
3355	201	202	< 5	7	1600	< 0.2	3.23	16	50	1.5	< 2	0.45	1.5	18	36	85	7.24	< 10	90	0.11	30
3356	201	202	< 5	4	1500	< 0.2	3.46	6	80	1.5	< 2	0.68	3.5	17	35	92	6.12	< 10	150	0.11	30
3357	201	202	< 5	5	1950	< 0.2	3.17	12	120	1.5	< 2	0.58	5.0	32	31	74	6.67	< 10	120	0.13	30
3358	201	202	< 5	8	68	< 0.2	1.48	< 2	80	< 0.5	< 2	0.62	< 0.5	10	43	22	3.56	< 10	30	0.29	20
3359	201	202	< 5	10	430	< 0.2	2.02	10	60	0.5	< 2	0.37	2.0	18	38	39	3.17	< 10	30	0.20	20
3360	201	202	< 5	6	2800	< 0.2	5.79	10	90	1.5	< 2	0.98	15.0	72	18	122	4.55	< 10	120	0.05	30
3361	201	202	< 5	8	1300	< 0.2	2.31	2	70	0.5	< 2	0.58	3.5	35	21	32	3.19	< 10	40	0.07	20
3362	201	202	< 5	10	2400	< 0.2	6.09	18	40	2.5	< 2	0.78	6.5	28	36	103	3.00	< 10	110	0.08	50
3363	201	202	< 5	7	600	< 0.2	1.89	6	30	0.5	< 2	0.50	0.5	11	27	30	3.04	< 10	20	0.10	20
3364	201	202	< 5	5	3600	< 0.2	6.43	2	80	2.0	< 2	0.99	14.0	69	17	82	2.69	< 10	100	0.05	30
3365	201	202	< 5	5	3400	< 0.2	5.97	10	70	2.0	< 2	0.93	13.0	96	22	74	2.55	< 10	60	0.08	30
3366	201	202	< 5	8	89	< 0.2	1.61	6	80	0.5	< 2	0.49	< 0.5	11	46	22	3.96	< 10	20	0.29	20

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : 40-431
Comments: ATTN: JOHN BURGESS

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Certificate Date: 23-JUL-96
Invoice No. :I9623575
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623575

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3327	201	202	0.46	4160	1	< 0.01	26	760	6	< 2	3	21	0.06	< 10	< 10	31	< 10	88
3328	201	202	0.70	1635	1	0.01	27	860	8	< 2	4	19	0.09	< 10	< 10	41	< 10	78
3329	201	202	0.69	305	< 1	0.01	23	810	8	2	4	15	0.09	< 10	< 10	41	< 10	58
3330	201	202	0.64	285	< 1	0.01	19	770	8	2	4	14	0.08	< 10	< 10	36	< 10	58
3331	201	202	0.57	930	< 1	0.01	21	810	6	2	4	18	0.07	< 10	< 10	36	< 10	62
3332	201	202	0.75	895	< 1	0.01	20	830	6	2	4	16	0.10	< 10	< 10	42	< 10	64
3333	201	202	0.56	1050	< 1	0.01	17	770	6	< 2	3	16	0.07	< 10	< 10	31	< 10	48
3334	201	202	0.59	1340	< 1	0.01	20	780	6	< 2	3	17	0.07	< 10	< 10	33	< 10	52
3335	201	202	0.67	1635	< 1	0.01	22	700	6	2	4	18	0.08	< 10	< 10	37	< 10	58
3336	201	202	0.71	1685	< 1	0.01	26	770	6	2	4	20	0.07	< 10	< 10	41	< 10	68
3337	201	202	0.60	980	< 1	0.01	18	620	6	< 2	3	16	0.07	< 10	< 10	34	< 10	56
3338	201	202	0.60	1140	< 1	0.01	20	730	6	2	4	18	0.07	< 10	< 10	42	< 10	58
3339	201	202	0.61	585	< 1	0.01	18	730	6	< 2	3	16	0.08	< 10	< 10	52	< 10	56
3340	201	202	0.55	935	< 1	< 0.01	17	670	6	2	3	15	0.07	< 10	< 10	54	< 10	48
3341	201	202	1.69	430	< 1	< 0.01	15	730	10	2	3	21	0.08	< 10	< 10	39	< 10	50
3342	201	202	0.42	540	< 1	< 0.01	12	800	6	< 2	2	11	0.06	< 10	< 10	39	< 10	26
3343	201	202	0.55	900	< 1	< 0.01	17	680	6	2	3	13	0.05	< 10	< 10	33	< 10	44
3344	201	202	0.37	145	3	0.01	28	470	8	2	4	13	0.06	< 10	10	32	< 10	188
3345	201	202	0.16	850	6	< 0.01	44	640	6	6	3	16	0.03	< 10	40	68	< 10	454
3346	201	202	0.19	1930	5	< 0.01	89	810	6	6	4	12	0.05	< 10	10	59	< 10	886
3347	201	202	0.34	3310	4	< 0.01	156	920	10	2	3	19	0.06	< 10	< 10	44	< 10	908
3348	201	202	0.45	3230	3	< 0.01	157	920	12	6	3	27	0.06	< 10	< 10	40	< 10	1500
3349	201	202	0.42	3350	3	< 0.01	155	780	12	6	3	23	0.06	< 10	< 10	43	< 10	1190
3350	201	202	0.45	2620	3	0.01	131	880	12	< 2	3	32	0.04	< 10	< 10	32	< 10	1150
3351	201	202	0.11	>10000	8	< 0.01	1585	970	8	6	5	38	< 0.01	< 10	10	5	< 10	6300
3352	201	202	0.10	>10000	4	< 0.01	1730	700	6	8	3	14	0.01	< 10	< 10	7	< 10	6370
3353	201	202	0.45	>10000	3	< 0.01	569	1030	12	10	4	42	0.04	< 10	< 10	25	< 10	5610
3354	201	202	0.49	7950	3	0.01	420	1190	12	6	4	47	0.04	< 10	< 10	23	< 10	4120
3355	201	202	0.51	2520	3	0.01	160	910	2	2	5	16	0.07	< 10	< 10	40	< 10	1785
3356	201	202	0.55	1485	4	0.01	177	1150	4	6	5	23	0.07	< 10	10	38	< 10	1745
3357	201	202	0.52	6450	3	0.01	299	910	6	2	4	21	0.07	< 10	< 10	37	< 10	2270
3358	201	202	0.97	805	< 1	0.03	26	800	8	< 2	5	18	0.11	< 10	< 10	48	< 10	70
3359	201	202	0.70	240	1	0.02	56	740	8	2	5	13	0.08	< 10	< 10	40	< 10	442
3360	201	202	0.31	9470	3	0.01	456	730	6	2	4	34	0.03	< 10	10	13	< 10	2780
3361	201	202	0.32	5130	1	0.01	218	720	6	< 2	3	18	0.07	< 10	< 10	33	< 10	1460
3362	201	202	0.45	1090	4	0.01	299	860	8	< 2	5	23	0.07	< 10	10	35	< 10	2270
3363	201	202	0.41	1820	1	0.01	75	840	6	< 2	3	19	0.08	< 10	< 10	43	< 10	646
3364	201	202	0.31	>10000	2	< 0.01	541	720	2	4	3	33	0.03	< 10	< 10	16	< 10	3560
3365	201	202	0.45	>10000	1	0.01	545	690	4	6	3	33	0.05	< 10	< 10	21	< 10	3460
3366	201	202	0.95	650	< 1	0.02	28	730	8	2	5	22	0.10	< 10	< 10	46	< 10	86

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
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TORONTO, ON
M5C 2V9

A9623576

Comments: ATTN: JOHN BURGESS

CERTIFICATE A9623576

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 23-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	69	Dry, sieve to -80 mesh
202	69	save reject
238	69	Nitric-aqua-regia digestion
229	69	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	69	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	69	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	69	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	69	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	69	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	69	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	69	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	69	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	69	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	69	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	69	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	69	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	69	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	69	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	69	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	69	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	69	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	69	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	69	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	69	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	69	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	69	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	69	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	69	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	69	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	69	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	69	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	69	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	69	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	69	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	69	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	69	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	69	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	69	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	69	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :1-A
Total Pages :2
Certificate Date: 23-JUL-96
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P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623576

SAMPLE	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
3367	201 202	< 5	16	540	< 0.2	1.97	6	70	0.5	< 2	0.51	0.5	17	38	23	3.60	< 10	80	0.19	20
3368	201 202	< 5	10	138	< 0.2	1.17	4	80	< 0.5	< 2	0.44	< 0.5	14	37	21	3.23	< 10	20	0.17	20
3369	201 202	< 5	9	104	< 0.2	1.40	8	90	< 0.5	< 2	0.47	< 0.5	13	43	23	4.18	< 10	10	0.20	30
6778	201 202	< 5	< 1	550	< 0.2	3.70	2	70	1.0	< 2	0.70	2.5	42	37	202	9.45	< 10	30	0.12	40
6779	201 202	< 5	7	360	< 0.2	2.54	2	100	0.5	< 2	0.60	1.5	30	38	119	5.74	< 10	20	0.14	30
6780	201 202	< 5	< 1	380	< 0.2	2.16	2	50	0.5	< 2	0.82	1.0	10	39	99	12.40	< 10	30	0.11	40
6781	201 202	< 5	3	155	< 0.2	1.65	< 2	60	< 0.5	< 2	0.44	< 0.5	17	40	35	4.54	< 10	30	0.12	20
6782	201 202	< 5	< 1	104	< 0.2	1.25	4	80	< 0.5	< 2	0.63	< 0.5	19	44	28	4.36	< 10	10	0.20	20
6783	201 202	< 5	< 1	140	< 0.2	1.34	2	80	< 0.5	< 2	0.36	< 0.5	23	34	25	4.44	< 10	10	0.09	20
6784	201 202	< 5	4	156	< 0.2	1.33	10	100	< 0.5	< 2	0.39	< 0.5	17	39	30	5.12	< 10	30	0.11	20
6785	201 202	< 5	< 1	93	< 0.2	2.44	< 2	100	< 0.5	< 2	1.03	< 0.5	10	39	113	4.27	< 10	110	0.47	10
6884	201 202	< 5	3	120	< 0.2	1.73	4	70	< 0.5	< 2	0.56	< 0.5	11	47	19	3.57	< 10	20	0.21	10
6885	201 202	< 5	< 1	45	< 0.2	1.30	< 2	90	< 0.5	< 2	0.50	< 0.5	7	33	21	2.71	< 10	40	0.09	20
6886	201 202	< 5	5	65	< 0.2	1.68	2	100	< 0.5	< 2	0.66	< 0.5	9	37	27	3.41	< 10	50	0.13	30
6887	201 202	< 5	< 1	42	< 0.2	0.78	4	30	< 0.5	< 2	0.40	< 0.5	6	30	7	3.28	< 10	10	0.08	10
6888	201 202	< 5	< 1	52	< 0.2	0.91	4	40	< 0.5	< 2	0.42	< 0.5	6	29	8	3.14	< 10	< 10	0.09	10
6889	201 202	< 5	6	65	< 0.2	0.96	6	50	< 0.5	< 2	0.48	< 0.5	6	30	10	3.60	< 10	20	0.10	10
6890	201 202	< 5	8	44	< 0.2	1.05	8	50	< 0.5	< 2	0.36	< 0.5	7	26	21	2.43	< 10	50	0.11	20
6891	201 202	< 5	7	82	< 0.2	1.55	4	80	< 0.5	< 2	0.59	< 0.5	8	32	32	3.09	< 10	50	0.15	20
6892	201 202	< 5	7	66	< 0.2	1.16	4	60	< 0.5	< 2	0.57	< 0.5	9	26	18	3.12	< 10	40	0.11	20
6893	201 202	< 5	12	96	< 0.2	2.22	8	80	< 0.5	< 2	0.71	< 0.5	9	30	47	4.06	< 10	30	0.20	30
6894	201 202	< 5	4	45	< 0.2	1.01	2	40	< 0.5	< 2	0.33	< 0.5	7	24	16	2.31	< 10	30	0.10	10
6895	201 202	< 5	4	48	< 0.2	0.93	6	40	< 0.5	< 2	0.42	< 0.5	6	30	7	2.52	< 10	30	0.10	10
6896	201 202	< 5	4	52	< 0.2	1.21	2	40	< 0.5	< 2	0.47	< 0.5	7	33	10	2.73	< 10	10	0.12	10
6897	201 202	< 5	6	46	< 0.2	0.91	< 2	40	< 0.5	< 2	0.43	< 0.5	6	30	8	2.39	< 10	20	0.10	10
6898	201 202	< 5	6	88	< 0.2	0.84	< 2	40	< 0.5	< 2	0.55	< 0.5	7	29	18	2.22	< 10	30	0.10	20
6899	201 202	< 5	12	77	< 0.2	1.88	4	90	0.5	< 2	0.48	< 0.5	13	48	22	4.36	< 10	30	0.21	30
6900	201 202	< 5	10	111	< 0.2	2.17	8	100	0.5	< 2	0.67	< 0.5	12	52	28	4.50	< 10	50	0.26	30
6901	201 202	< 5	8	54	< 0.2	1.26	< 2	60	< 0.5	< 2	0.46	< 0.5	10	36	16	3.32	< 10	10	0.15	20
6902	201 202	< 5	14	82	< 0.2	1.56	< 2	80	0.5	< 2	0.53	< 0.5	14	43	26	3.78	< 10	30	0.22	30
6903	201 202	< 5	7	45	< 0.2	1.22	8	60	< 0.5	< 2	0.45	< 0.5	8	34	14	3.02	< 10	20	0.11	10
6904	201 202	< 5	5	38	< 0.2	1.07	8	50	< 0.5	< 2	0.21	< 0.5	5	33	7	2.95	< 10	< 10	0.10	10
6905	201 202	< 5	9	22	< 0.2	0.78	6	20	< 0.5	< 2	0.23	< 0.5	3	21	3	1.67	< 10	10	0.06	< 10
6906	201 202	< 5	5	33	< 0.2	0.78	2	60	< 0.5	< 2	0.49	< 0.5	11	28	14	2.65	< 10	20	0.13	10
6907	201 202	< 5	6	31	< 0.2	0.64	4	50	< 0.5	< 2	0.56	< 0.5	10	34	12	3.34	< 10	< 10	0.09	10
6908	201 202	< 5	6	42	< 0.2	0.89	2	50	< 0.5	< 2	0.44	< 0.5	9	44	12	4.05	< 10	20	0.11	30
6909	201 202	< 5	8	68	< 0.2	0.90	2	40	< 0.5	< 2	0.48	< 0.5	9	30	11	2.70	< 10	30	0.09	10
6910	201 202	< 5	7	37	< 0.2	0.89	< 2	40	< 0.5	< 2	0.36	< 0.5	7	27	9	2.39	< 10	< 10	0.08	10
6911	201 202	< 5	8	62	< 0.2	1.04	2	50	< 0.5	< 2	0.56	< 0.5	9	31	12	2.99	< 10	40	0.12	10
6912	201 202	< 5	12	54	< 0.2	1.02	6	70	< 0.5	< 2	0.45	< 0.5	14	34	14	3.22	< 10	30	0.13	20

CERTIFICATION: Ivan Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number : 1-B
Total Pages : 2
Certificate Date: 23-JUL-96
Invoice No. : I9623576
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9623576

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3367	201	202	0.78	365	1	0.02	92	820	6	2	4	17	0.09	< 10	< 10	40	< 10	554
3368	201	202	0.67	1420	< 1	0.01	35	800	8	< 2	4	16	0.08	< 10	< 10	41	< 10	130
3369	201	202	0.80	900	< 1	0.01	31	810	10	< 2	4	17	0.09	< 10	< 10	46	< 10	108
6778	201	202	0.47	265	3	0.01	96	660	6	4	5	36	0.05	< 10	< 10	24	< 10	636
6779	201	202	0.60	275	1	0.01	61	690	6	< 2	4	29	0.06	< 10	< 10	30	< 10	384
6780	201	202	0.47	640	< 1	< 0.01	25	570	4	6	5	14	0.05	< 10	< 10	24	< 10	386
6781	201	202	0.62	375	< 1	0.01	34	650	6	< 2	4	13	0.08	< 10	< 10	35	< 10	142
6782	201	202	0.86	420	1	0.01	34	830	6	< 2	4	15	0.08	< 10	< 10	45	< 10	112
6783	201	202	0.52	1085	< 1	< 0.01	46	740	4	2	3	11	0.06	< 10	< 10	38	< 10	146
6784	201	202	0.59	1505	1	0.01	50	820	6	2	3	13	0.07	< 10	< 10	40	< 10	164
6785	201	202	1.15	455	< 1	< 0.01	26	820	8	< 2	5	17	0.13	< 10	10	57	< 10	130
6884	201	202	0.94	620	< 1	0.01	23	1230	6	< 2	5	19	0.11	< 10	< 10	49	< 10	134
6885	201	202	0.60	510	< 1	0.01	18	1210	6	2	3	20	0.07	< 10	< 10	41	< 10	46
6886	201	202	0.72	475	2	0.01	19	1300	8	2	4	26	0.08	< 10	< 10	50	< 10	66
6887	201	202	0.44	260	< 1	< 0.01	12	900	4	< 2	2	14	0.06	< 10	< 10	47	< 10	40
6888	201	202	0.48	390	< 1	0.01	12	820	4	2	3	15	0.07	< 10	< 10	41	< 10	50
6889	201	202	0.51	475	1	0.01	13	880	6	< 2	3	18	0.07	< 10	< 10	46	< 10	58
6890	201	202	0.57	235	< 1	0.01	15	730	6	< 2	3	14	0.07	< 10	< 10	32	< 10	42
6891	201	202	0.66	265	< 1	0.01	19	950	8	< 2	4	21	0.08	< 10	< 10	46	< 10	78
6892	201	202	0.60	570	< 1	< 0.01	16	830	8	< 2	3	20	0.07	< 10	< 10	36	< 10	70
6893	201	202	1.23	800	< 1	0.01	22	880	12	< 2	3	27	0.09	< 10	< 10	34	< 10	100
6894	201	202	0.54	180	< 1	0.01	14	680	6	< 2	3	12	0.07	< 10	< 10	29	< 10	48
6895	201	202	0.54	340	< 1	0.01	13	1030	6	< 2	3	15	0.07	< 10	< 10	39	< 10	48
6896	201	202	0.63	275	< 1	0.01	15	1070	4	2	3	16	0.08	< 10	< 10	39	< 10	58
6897	201	202	0.55	225	< 1	0.01	14	840	6	< 2	3	19	0.07	< 10	< 10	32	< 10	48
6898	201	202	0.47	420	< 1	0.01	24	870	6	< 2	3	25	0.08	< 10	< 10	38	< 10	88
6899	201	202	0.84	575	< 1	0.02	26	850	10	2	5	28	0.11	< 10	< 10	49	< 10	78
6900	201	202	1.01	555	< 1	0.03	32	810	12	< 2	6	47	0.10	< 10	< 10	49	< 10	120
6901	201	202	0.68	520	< 1	0.01	19	820	8	< 2	4	19	0.09	< 10	< 10	38	< 10	54
6902	201	202	0.78	495	< 1	0.02	28	820	10	2	5	27	0.10	< 10	< 10	48	< 10	82
6903	201	202	0.60	490	< 1	0.01	17	810	6	< 2	3	25	0.07	< 10	< 10	39	< 10	46
6904	201	202	0.51	315	< 1	< 0.01	13	440	6	2	3	12	0.08	< 10	< 10	48	< 10	38
6905	201	202	0.34	85	1	0.01	7	490	6	< 2	1	10	0.08	< 10	< 10	43	< 10	22
6906	201	202	0.64	575	< 1	0.01	18	730	6	< 2	2	13	0.06	< 10	< 10	32	< 10	32
6907	201	202	0.55	315	< 1	< 0.01	15	940	4	< 2	2	12	0.05	< 10	< 10	44	< 10	28
6908	201	202	0.61	480	< 1	0.01	17	1000	6	2	3	14	0.06	< 10	< 10	53	< 10	36
6909	201	202	0.53	430	< 1	0.01	15	760	8	2	3	17	0.06	< 10	< 10	34	< 10	62
6910	201	202	0.50	290	< 1	< 0.01	14	710	6	2	2	13	0.06	< 10	< 10	30	< 10	34
6911	201	202	0.60	745	< 1	0.01	16	790	6	< 2	3	20	0.08	< 10	< 10	34	< 10	64
6912	201	202	0.54	450	< 1	0.01	20	810	10	< 2	3	16	0.07	< 10	< 10	42	< 10	54

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :2-A
Total Pages :2
Certificate Date: 23-JUL-96
Invoice No. :I9623576
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623576

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6913	201	202	< 5	10	192	< 0.2	0.82	8	340	< 0.5	< 2	1.45	0.5	10	19	25	4.79	< 10	140	0.08	10
6914	201	202	< 5	6	200	< 0.2	0.77	8	380	< 0.5	< 2	1.59	< 0.5	10	23	30	5.52	< 10	120	0.07	10
6915	201	202	< 5	12	260	< 0.2	0.64	6	390	< 0.5	< 2	2.12	0.5	10	13	35	7.94	< 10	120	0.07	10
6916	201	202	< 5	6	260	< 0.2	0.83	12	470	< 0.5	< 2	1.02	0.5	10	21	26	6.32	< 10	120	0.06	10
6917	201	202	< 5	5	250	< 0.2	0.64	14	740	< 0.5	< 2	1.51	< 0.5	10	18	23	9.15	< 10	100	0.05	10
6918	201	202	< 5	2	185	< 0.2	0.84	6	340	< 0.5	< 2	0.88	< 0.5	8	27	13	6.92	< 10	90	0.08	10
6919	201	202	< 5	< 1	163	< 0.2	0.43	< 2	270	< 0.5	2	1.69	0.5	7	11	36	3.66	< 10	190	0.05	10
6920	201	202	< 5	< 1	171	< 0.2	0.53	8	30	< 0.5	< 2	0.77	0.5	7	14	49	10.10	< 10	170	0.04	10
6921	201	202	< 5	< 1	36	< 0.2	0.12	< 2	70	< 0.5	< 2	1.22	< 0.5	< 1	4	29	1.08	< 10	80	0.02	< 10
6922	201	202	< 5	< 1	19	< 0.2	0.05	< 2	70	< 0.5	< 2	0.70	< 0.5	3	< 1	1	4.49	< 10	70	< 0.01	< 10
7084	201	202	< 5	11	154	0.4	1.22	22	70	< 0.5	< 2	0.57	< 0.5	8	45	57	6.86	< 10	120	0.19	10
7085	201	202	< 5	4	240	< 0.2	1.00	< 2	70	< 0.5	< 2	0.84	1.0	9	24	24	2.94	< 10	40	0.06	10
7086	201	202	< 5	6	112	< 0.2	1.10	4	50	< 0.5	< 2	0.70	< 0.5	8	48	8	6.00	< 10	30	0.09	10
7087	201	202	< 5	< 1	460	< 0.2	1.29	2	10	< 0.5	< 2	0.08	0.5	28	35	15	13.80	< 10	< 10	0.02	< 10
7088	201	202	< 5	3	490	< 0.2	1.32	2	40	< 0.5	< 2	0.19	< 0.5	12	24	8	5.35	< 10	< 10	0.05	20
7090	201	202	< 5	4	380	< 0.2	1.42	2	20	< 0.5	< 2	0.16	< 0.5	13	29	5	4.53	< 10	< 10	0.06	10
7091	201	202	< 5	6	22	< 0.2	1.15	< 2	70	0.5	< 2	1.22	1.0	1	15	75	0.30	< 10	190	0.04	40
7092	201	202	< 5	45	117	0.2	2.60	32	160	0.5	< 2	0.80	0.5	23	44	49	5.55	< 10	130	0.26	30
7093	201	202	< 5	12	130	< 0.2	2.79	14	150	0.5	< 2	0.86	< 0.5	8	52	43	3.21	< 10	110	0.31	30
7094	201	202	< 5	8	144	< 0.2	1.39	12	80	< 0.5	< 2	0.56	< 0.5	9	38	28	3.77	< 10	110	0.11	30
7095	201	202	< 5	11	163	< 0.2	1.21	12	80	< 0.5	< 2	0.86	< 0.5	9	28	45	3.36	< 10	180	0.11	40
7096	201	202	< 5	13	143	< 0.2	1.28	16	70	< 0.5	< 2	0.76	< 0.5	7	34	40	3.59	< 10	180	0.11	30
7097	201	202	< 5	10	131	< 0.2	1.20	10	60	< 0.5	< 2	0.59	< 0.5	8	42	25	4.03	< 10	70	0.14	20
7098	201	202	< 5	14	168	< 0.2	1.42	12	80	< 0.5	< 2	0.75	< 0.5	10	34	41	3.45	< 10	120	0.16	30
7099	201	202	< 5	10	137	< 0.2	1.13	12	50	< 0.5	< 2	0.51	< 0.5	7	36	21	3.62	< 10	80	0.14	10
7196	201	202	< 5	7	630	< 0.2	10.00	10	80	2.0	2	0.81	2.5	120	22	102	6.05	< 10	50	0.01	110
7197	201	202	< 5	< 1	130	< 0.2	0.21	< 2	10	< 0.5	< 2	0.06	< 0.5	< 1	4	149	>15.00	< 10	10	< 0.01	< 10
7198	201	202	< 5	8	134	< 0.2	1.94	< 2	90	< 0.5	< 2	0.50	< 0.5	14	47	53	3.80	< 10	40	0.18	20
7199	201	202	< 5	6	164	< 0.2	2.13	< 2	50	< 0.5	< 2	0.49	0.5	14	38	43	4.10	< 10	40	0.15	10

CERTIFICATION: Ian Bradley

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Project : 40-431
Comments: ATTN: JOHN BURGESS

Certificate Date: 23-JUL-96
Invoice No. :I9623576
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623576

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6913	201	202	0.47	9410	3	0.01	24	1250	10	2	2	51	0.04	< 10	< 10	25	< 10	206
6914	201	202	0.45	9090	2	0.01	30	1420	6	2	1	53	0.04	< 10	< 10	32	< 10	198
6915	201	202	0.44	>10000	3	0.01	27	1520	10	4	1	77	0.01	< 10	< 10	19	< 10	288
6916	201	202	0.40	7210	5	0.01	31	1140	6	2	1	37	0.02	< 10	< 10	28	< 10	216
6917	201	202	0.38	>10000	8	< 0.01	26	1010	8	6	1	64	0.02	< 10	< 10	29	< 10	214
6918	201	202	0.44	6050	7	< 0.01	16	1160	2	2	3	34	0.07	< 10	< 10	41	< 10	172
6919	201	202	0.28	>10000	10	0.06	24	1350	2	2	< 1	57	0.01	< 10	10	16	< 10	158
6920	201	202	0.14	9160	19	0.09	31	1090	2	6	1	29	0.01	< 10	10	27	< 10	162
6921	201	202	0.17	540	10	0.08	12	680	< 2	< 2	< 1	34	< 0.01	< 10	< 10	5	< 10	20
6922	201	202	0.08	155	< 1	0.01	7	630	< 2	< 2	< 1	34	< 0.01	< 10	< 10	< 1	< 10	12
7084	201	202	0.56	555	8	< 0.01	25	1240	12	2	3	13	0.06	< 10	10	68	< 10	146
7085	201	202	0.42	880	1	< 0.01	35	1010	6	2	1	15	0.04	< 10	< 10	32	< 10	236
7086	201	202	0.66	400	1	< 0.01	18	850	8	< 2	3	14	0.08	< 10	< 10	71	< 10	100
7087	201	202	0.16	1625	< 1	< 0.01	71	520	2	2	8	3	0.03	< 10	< 10	20	< 10	434
7088	201	202	0.34	650	< 1	< 0.01	65	370	4	< 2	3	8	0.05	< 10	< 10	27	< 10	448
7090	201	202	0.39	600	< 1	< 0.01	41	510	2	2	2	6	0.05	< 10	< 10	37	< 10	182
7091	201	202	0.19	55	3	0.02	11	1400	2	2	1	43	0.02	< 10	< 10	17	< 10	24
7092	201	202	0.60	4630	6	0.04	28	1800	50	4	4	33	0.06	< 10	< 10	58	< 10	124
7093	201	202	0.75	275	2	0.04	31	2480	10	2	4	37	0.09	< 10	< 10	47	< 10	144
7094	201	202	0.52	630	3	0.01	21	1350	8	2	3	16	0.07	< 10	< 10	59	< 10	134
7095	201	202	0.43	995	2	0.01	18	1190	12	< 2	3	26	0.06	< 10	< 10	47	< 10	154
7096	201	202	0.48	490	3	0.01	21	1110	10	< 2	4	27	0.07	< 10	< 10	58	< 10	148
7097	201	202	0.49	390	1	0.02	19	1120	8	< 2	3	18	0.08	< 10	< 10	70	< 10	114
7098	201	202	0.52	635	2	0.03	24	1070	14	2	4	25	0.07	< 10	< 10	51	< 10	168
7099	201	202	0.46	265	1	0.01	18	910	8	< 2	3	17	0.08	< 10	< 10	59	< 10	126
7196	201	202	0.15	3410	1	0.01	406	470	8	2	10	25	< 0.01	< 10	10	7	< 10	700
7197	201	202	0.02	155	< 1	< 0.01	12	200	12	2	< 1	7	0.01	< 10	< 10	10	< 10	122
7198	201	202	0.75	215	1	0.01	37	730	6	4	5	20	0.09	< 10	< 10	39	< 10	142
7199	201	202	0.63	160	1	0.01	39	740	2	2	4	19	0.07	< 10	< 10	29	< 10	180

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9623743

Comments: ATN: J. BURGESS

CERTIFICATE A9623743

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. #:

Samples submitted to our lab in Mississauga, ON.
This report was printed on 22-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	108	Dry, sieve to -80 mesh
202	108	save reject
238	108	Nitric-aqua-regia digestion
229	108	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	108	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	108	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	108	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	108	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	108	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	108	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	108	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	108	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	108	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	108	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	108	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	108	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	108	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	108	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	108	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	108	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	108	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	108	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	108	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	108	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	108	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	108	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	108	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	108	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	108	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	108	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	108	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	108	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	108	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	108	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	108	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	108	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	108	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	108	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	108	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
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M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :1-A
Total Pages :3
Certificate Date: 22-JUL-96
Invoice No. :I9623743
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623743

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
1988	201	202	< 5	5	34	< 0.2	1.00	< 2	70	< 0.5	< 2	0.59	< 0.5	10	36	16	2.86	< 10	10	0.17	20
1989	201	202	< 5	6	31	< 0.2	1.00	< 2	60	< 0.5	< 2	0.52	< 0.5	9	35	15	2.66	< 10	10	0.17	10
1990	201	202	< 5	4	30	< 0.2	0.89	< 2	60	< 0.5	< 2	0.52	< 0.5	10	33	15	2.75	< 10	30	0.15	20
1991	201	202	< 5	6	33	< 0.2	0.90	< 2	60	< 0.5	< 2	0.37	< 0.5	10	35	16	2.70	< 10	10	0.14	20
1992	201	202	< 5	6	32	< 0.2	0.97	< 2	70	< 0.5	< 2	0.62	< 0.5	12	37	17	3.03	< 10	20	0.17	20
1993	201	202	< 5	8	32	< 0.2	0.99	< 2	70	< 0.5	< 2	0.43	< 0.5	12	40	18	3.13	< 10	10	0.15	30
1994	201	202	< 5	7	41	< 0.2	1.22	< 2	90	< 0.5	< 2	0.55	< 0.5	17	45	27	3.56	< 10	30	0.22	30
1995	201	202	< 5	4	35	< 0.2	0.96	< 2	70	< 0.5	< 2	0.48	< 0.5	11	39	17	3.14	< 10	10	0.16	20
1996	201	202	< 5	6	36	< 0.2	0.98	< 2	70	< 0.5	< 2	0.42	< 0.5	13	40	19	3.23	< 10	20	0.16	20
1997	201	202	< 5	4	45	< 0.2	1.02	< 2	70	< 0.5	< 2	0.57	< 0.5	12	38	18	3.18	< 10	30	0.18	20
1998	201	202	< 5	8	48	< 0.2	1.11	< 2	90	< 0.5	< 2	0.64	< 0.5	14	39	26	2.89	< 10	30	0.21	20
1999	201	202	< 5	5	47	< 0.2	1.23	< 2	70	< 0.5	< 2	0.51	< 0.5	10	42	18	3.05	< 10	30	0.19	20
2049	201	202	< 5	5	53	< 0.2	1.23	< 2	80	< 0.5	< 2	0.39	< 0.5	12	45	21	2.98	< 10	40	0.17	20
2050	201	202	< 5	6	65	< 0.2	1.67	< 2	90	< 0.5	< 2	0.47	< 0.5	13	50	27	4.11	< 10	40	0.31	20
2051	201	202	< 5	12	61	< 0.2	1.56	< 2	120	< 0.5	< 2	0.47	< 0.5	14	50	25	4.34	< 10	60	0.23	30
2052	201	202	< 5	13	56	< 0.2	1.27	< 2	100	< 0.5	< 2	0.42	< 0.5	16	45	22	3.81	< 10	40	0.19	30
2053	201	202	< 5	13	43	< 0.2	1.21	6	90	< 0.5	< 2	0.40	< 0.5	17	41	24	3.35	< 10	40	0.20	20
2054	201	202	< 5	14	59	< 0.2	1.42	2	100	< 0.5	< 2	0.45	< 0.5	17	49	21	3.79	< 10	50	0.22	20
2055	201	202	< 5	12	58	< 0.2	1.50	< 2	110	< 0.5	< 2	0.52	< 0.5	19	52	29	3.84	< 10	50	0.26	30
2056	201	202	< 5	8	62	< 0.2	1.74	< 2	100	0.5	< 2	0.59	< 0.5	13	57	30	4.06	< 10	50	0.33	20
2057	201	202	< 5	7	88	< 0.2	1.81	< 2	160	< 0.5	< 2	0.51	< 0.5	10	50	22	3.07	< 10	80	0.19	10
2058	201	202	< 5	10	64	< 0.2	1.44	< 2	130	< 0.5	< 2	0.39	< 0.5	16	48	24	3.94	< 10	50	0.17	20
2059	201	202	< 5	6	140	< 0.2	2.08	< 2	160	0.5	< 2	0.59	0.5	9	55	25	3.23	< 10	130	0.20	20
2060	201	202	< 5	4	63	< 0.2	0.91	2	50	< 0.5	< 2	0.46	< 0.5	7	30	11	2.66	< 10	40	0.08	10
2061	201	202	< 5	< 1	94	< 0.2	0.96	2	40	< 0.5	< 2	0.48	< 0.5	7	29	15	2.57	< 10	70	0.09	10
2062	201	202	< 5	10	117	< 0.2	1.30	< 2	50	< 0.5	< 2	0.47	< 0.5	11	35	31	3.71	< 10	120	0.11	20
2063	201	202	< 5	6	65	< 0.2	0.59	< 2	40	< 0.5	< 2	0.77	< 0.5	4	25	15	2.15	< 10	80	0.06	10
2064	201	202	< 5	10	101	0.2	1.13	< 2	90	< 0.5	< 2	1.40	0.5	10	27	29	2.66	< 10	210	0.10	10
2065	201	202	< 5	6	77	< 0.2	0.87	2	40	< 0.5	< 2	0.69	< 0.5	5	24	17	2.17	< 10	100	0.08	10
2066	201	202	< 5	8	73	< 0.2	1.24	< 2	90	< 0.5	< 2	1.68	< 0.5	5	31	42	1.83	< 10	270	0.09	30
2067	201	202	< 5	5	78	< 0.2	1.22	< 2	90	< 0.5	< 2	1.17	0.5	7	32	38	1.45	< 10	180	0.09	20
2068	201	202	< 5	12	139	< 0.2	0.34	< 2	40	< 0.5	< 2	1.24	0.5	< 1	7	51	0.38	< 10	250	0.01	10
2069	201	202	< 5	6	87	0.2	1.17	< 2	140	< 0.5	< 2	1.22	0.5	23	31	44	2.42	< 10	290	0.11	40
2070	201	202	< 5	13	210	< 0.2	2.87	< 2	200	0.5	< 2	1.14	0.5	16	61	56	4.64	< 10	220	0.34	40
2071	201	202	< 5	6	65	< 0.2	0.95	< 2	60	< 0.5	< 2	0.65	< 0.5	6	29	17	2.26	< 10	80	0.12	20
2072	201	202	< 5	3	82	< 0.2	1.98	< 2	140	< 0.5	< 2	1.33	< 0.5	6	42	53	1.45	< 10	310	0.21	40
7277	201	202	< 5	8	142	< 0.2	1.63	< 2	90	< 0.5	< 2	0.99	0.5	7	33	43	3.04	< 10	210	0.19	30
7278	201	202	< 5	3	109	< 0.2	1.07	2	50	< 0.5	< 2	0.75	0.5	7	27	21	2.65	< 10	80	0.13	10
7279	201	202	< 5	8	133	< 0.2	1.14	2	60	< 0.5	< 2	0.84	0.5	7	26	24	2.62	< 10	130	0.13	10
7280	201	202	< 5	12	180	< 0.2	1.38	2	80	< 0.5	< 2	1.00	0.5	9	30	35	2.98	< 10	160	0.16	20

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 22-JUL-96
Invoice No. : I9623743
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9623743

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1988	201	202	0.78	945	1	0.01	19	770	8	< 2	3	16	0.09	< 10	< 10	37	< 10	36
1989	201	202	0.68	565	1	0.01	18	760	6	< 2	3	15	0.09	< 10	< 10	36	< 10	36
1990	201	202	0.69	750	1	< 0.01	18	820	6	< 2	3	12	0.08	< 10	< 10	35	< 10	34
1991	201	202	0.61	235	1	0.01	18	860	6	< 2	3	12	0.08	< 10	< 10	36	< 10	36
1992	201	202	0.75	835	2	0.01	19	810	8	< 2	3	16	0.09	< 10	< 10	40	< 10	36
1993	201	202	0.63	520	1	0.01	21	900	8	< 2	3	13	0.09	< 10	< 10	44	< 10	36
1994	201	202	0.77	1140	2	0.01	28	840	10	< 2	4	17	0.11	< 10	< 10	51	< 10	46
1995	201	202	0.66	495	1	0.01	20	890	8	< 2	3	13	0.09	< 10	< 10	42	< 10	36
1996	201	202	0.65	655	1	0.01	21	850	8	< 2	3	13	0.09	< 10	< 10	43	< 10	40
1997	201	202	0.77	490	1	0.01	21	780	8	< 2	3	15	0.09	< 10	< 10	39	< 10	38
1998	201	202	0.86	1155	< 1	0.01	26	710	6	< 2	3	20	0.09	< 10	< 10	40	< 10	46
1999	201	202	0.74	810	< 1	0.01	22	800	6	< 2	4	21	0.09	< 10	< 10	40	< 10	50
2049	201	202	0.71	280	2	0.01	24	840	12	< 2	4	15	0.09	< 10	< 10	42	< 10	50
2050	201	202	0.94	785	2	0.03	27	790	12	< 2	5	23	0.11	< 10	< 10	47	< 10	60
2051	201	202	0.78	690	3	0.01	26	880	12	< 2	5	22	0.10	< 10	< 10	50	< 10	58
2052	201	202	0.70	610	2	0.01	24	880	12	< 2	4	18	0.09	< 10	< 10	45	< 10	48
2053	201	202	0.69	605	1	0.01	27	780	12	< 2	4	16	0.09	< 10	< 10	42	< 10	46
2054	201	202	0.78	395	3	0.01	28	830	14	< 2	4	21	0.10	< 10	< 10	48	< 10	56
2055	201	202	0.86	780	4	0.02	32	790	14	< 2	5	23	0.11	< 10	< 10	51	< 10	58
2056	201	202	1.10	675	2	0.03	29	750	10	< 2	5	23	0.11	< 10	< 10	51	< 10	66
2057	201	202	0.82	595	3	0.01	26	750	8	< 2	4	22	0.07	< 10	< 10	37	< 10	88
2058	201	202	0.74	760	4	0.01	27	810	14	< 2	4	15	0.09	< 10	< 10	48	< 10	62
2059	201	202	0.86	595	4	0.02	28	720	8	< 2	5	23	0.07	< 10	< 10	49	< 10	124
2060	201	202	0.49	495	3	0.01	15	850	6	< 2	3	16	0.07	< 10	< 10	35	< 10	66
2061	201	202	0.52	235	3	< 0.01	16	700	6	< 2	3	16	0.09	< 10	< 10	36	< 10	92
2062	201	202	0.71	235	7	< 0.01	22	980	12	< 2	4	15	0.13	< 10	< 10	53	< 10	114
2063	201	202	0.31	260	3	< 0.01	12	1020	6	< 2	1	24	0.05	< 10	< 10	34	< 10	52
2064	201	202	0.46	715	4	0.01	24	1220	10	< 2	3	49	0.04	< 10	< 10	30	< 10	98
2065	201	202	0.47	195	3	< 0.01	15	940	6	< 2	2	24	0.06	< 10	< 10	30	< 10	72
2066	201	202	0.50	165	3	0.02	18	1580	4	< 2	2	59	0.03	< 10	10	29	< 10	74
2067	201	202	0.49	730	5	0.01	15	1510	4	< 2	3	42	0.06	< 10	10	34	< 10	74
2068	201	202	0.13	45	7	0.03	13	830	< 2	< 2	< 1	48	< 0.01	< 10	< 10	6	< 10	14
2069	201	202	0.46	1270	5	0.03	21	1210	2	< 2	3	51	0.04	< 10	10	26	< 10	86
2070	201	202	1.00	510	5	0.05	41	1040	12	< 2	6	53	0.12	< 10	< 10	63	< 10	236
2071	201	202	0.43	240	3	0.02	14	1020	2	< 2	3	24	0.08	< 10	< 10	38	< 10	68
2072	201	202	0.63	140	3	0.06	26	1540	2	< 2	3	52	0.05	< 10	10	22	< 10	86
7277	201	202	0.61	315	3	0.03	24	1200	14	< 2	3	33	0.08	< 10	< 10	38	< 10	170
7278	201	202	0.46	525	3	0.02	16	1100	8	< 2	3	22	0.08	< 10	< 10	36	< 10	134
7279	201	202	0.48	520	3	0.02	17	1020	8	< 2	3	25	0.07	< 10	< 10	34	< 10	158
7280	201	202	0.56	1075	3	0.03	21	1170	12	< 2	3	30	0.07	< 10	< 10	38	< 10	178

CERTIFICATION: Stuart Bichler

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 22-JUL-96
Invoice No. : I9623743
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623743

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
7281	201	202	< 5	6	128	< 0.2	1.20	4	60	< 0.5	< 2	0.71	< 0.5	7	32	26	3.10	< 10	90	0.17	10
7282	201	202	< 5	12	220	< 0.2	1.25	18	80	< 0.5	< 2	0.65	0.5	14	26	40	7.53	< 10	260	0.12	20
7283	201	202	< 5	8	140	< 0.2	1.04	12	60	< 0.5	< 2	0.65	< 0.5	9	27	28	4.95	< 10	160	0.11	10
7284	201	202	< 5	6	240	< 0.2	1.16	16	80	< 0.5	< 2	0.97	0.5	15	24	50	6.94	< 10	240	0.13	20
7285	201	202	< 5	8	200	< 0.2	1.24	12	60	< 0.5	< 2	0.73	0.5	12	27	31	5.54	< 10	190	0.15	20
7286	201	202	< 5	8	117	< 0.2	1.07	10	50	< 0.5	< 2	0.53	< 0.5	7	25	27	3.54	< 10	160	0.12	10
7287	201	202	< 5	10	155	< 0.2	1.20	12	70	< 0.5	< 2	0.42	< 0.5	7	25	40	3.00	< 10	230	0.11	20
7288	201	202	< 5	< 1	170	< 0.2	0.24	2	40	< 0.5	< 2	1.95	0.5	5	19	25	1.72	< 10	200	0.02	< 10
7289	201	202	< 5	8	550	0.8	1.44	14	570	0.5	< 2	1.30	3.5	38	19	58	6.85	< 10	180	0.13	20
7290	201	202	< 5	10	149	< 0.2	0.87	6	80	< 0.5	< 2	0.71	< 0.5	8	20	23	2.93	< 10	70	0.10	10
7291	201	202	< 5	8	230	< 0.2	1.24	8	70	< 0.5	< 2	0.77	< 0.5	10	27	30	4.02	< 10	130	0.13	20
7292	201	202	< 5	10	220	< 0.2	1.50	8	90	< 0.5	< 2	0.91	0.5	9	30	40	2.63	< 10	140	0.17	20
7293	201	202	< 5	3	650	< 0.2	3.42	8	60	1.5	< 2	1.21	5.5	65	10	29	3.29	< 10	190	0.06	20
7294	201	202	< 5	3	1800	0.2	4.67	8	140	3.0	< 2	0.81	12.5	125	12	34	3.95	< 10	170	0.05	20
7295	201	202	< 5	10	340	< 0.2	1.22	6	70	< 0.5	< 2	0.64	0.5	14	30	15	3.05	< 10	40	0.14	10
7296	201	202	< 5	6	200	< 0.2	1.00	4	40	< 0.5	< 2	0.47	< 0.5	10	26	14	2.07	< 10	50	0.10	10
7297	201	202	< 5	7	290	< 0.2	1.16	2	50	0.5	< 2	0.56	0.5	13	31	20	2.33	< 10	50	0.11	20
7300	201	202	< 5	< 1	19	< 0.2	0.24	< 2	70	< 0.5	< 2	2.13	0.5	3	5	23	0.81	< 10	80	< 0.01	< 10
7301	201	202	< 5	6	50	0.2	1.63	8	130	0.5	< 2	0.94	0.5	14	37	36	6.72	< 10	200	0.07	30
7302	201	202	< 5	6	72	< 0.2	1.20	4	50	< 0.5	< 2	0.69	< 0.5	7	31	17	2.20	< 10	90	0.09	10
7303	201	202	< 5	4	70	< 0.2	1.10	4	60	< 0.5	< 2	0.90	< 0.5	6	26	20	2.40	< 10	80	0.07	10
7304	201	202	< 5	2	60	< 0.2	0.94	< 2	50	< 0.5	< 2	0.68	< 0.5	6	25	14	2.04	< 10	60	0.06	10
7305	201	202	< 5	3	50	< 0.2	1.06	2	50	< 0.5	< 2	0.72	< 0.5	8	28	17	3.14	< 10	90	0.09	20
7306	201	202	< 5	< 1	75	< 0.2	1.06	< 2	80	< 0.5	< 2	1.27	< 0.5	7	24	25	1.98	< 10	140	0.07	20
7307	201	202	< 5	3	81	< 0.2	1.12	< 2	60	< 0.5	< 2	1.08	< 0.5	6	25	25	1.97	< 10	140	0.08	20
7308	201	202	< 5	2	81	< 0.2	1.28	6	80	< 0.5	< 2	1.17	< 0.5	5	26	34	1.39	< 10	170	0.08	30
7309	201	202	5	4	54	< 0.2	1.06	6	40	< 0.5	< 2	0.42	< 0.5	7	30	14	3.66	< 10	40	0.10	10
7310	201	202	< 5	< 1	83	< 0.2	0.70	< 2	50	< 0.5	< 2	1.45	1.5	3	17	70	1.18	< 10	200	0.02	30
7311	201	202	< 5	4	64	< 0.2	1.55	2	90	< 0.5	< 2	0.45	< 0.5	8	40	18	2.55	< 10	100	0.11	10
7312	201	202	< 5	< 1	67	< 0.2	0.71	< 2	50	< 0.5	< 2	1.35	0.5	3	19	55	1.01	< 10	220	0.05	10
7313	201	202	< 5	< 1	53	< 0.2	0.19	< 2	60	< 0.5	< 2	1.46	< 0.5	3	6	13	1.08	< 10	180	0.17	< 10
7314	201	202	< 5	< 1	34	< 0.2	0.37	< 2	40	< 0.5	< 2	1.82	< 0.5	1	8	48	0.29	< 10	150	0.01	< 10
7315	201	202	< 5	< 1	50	< 0.2	0.34	< 2	40	< 0.5	< 2	1.51	< 0.5	1	8	45	0.16	< 10	130	0.01	< 10
7316	201	202	< 5	10	63	< 0.2	0.34	< 2	40	< 0.5	< 2	1.82	< 0.5	< 1	8	50	0.18	< 10	150	0.01	< 10
7317	201	202	< 5	2	41	< 0.2	1.51	8	90	< 0.5	< 2	0.39	< 0.5	12	46	24	3.86	< 10	50	0.20	20
7318	201	202	< 5	5	60	< 0.2	1.57	2	80	< 0.5	< 2	0.43	< 0.5	13	43	14	3.87	< 10	50	0.18	10
7319	201	202	< 5	8	86	< 0.2	1.36	6	70	< 0.5	< 2	0.34	< 0.5	10	41	15	3.60	< 10	10	0.13	20
7320	201	202	< 5	6	96	< 0.2	1.81	2	110	0.5	< 2	0.43	< 0.5	12	50	24	3.70	< 10	50	0.22	20
7321	201	202	< 5	5	65	< 0.2	1.20	6	70	< 0.5	< 2	0.41	< 0.5	10	37	21	3.01	< 10	40	0.16	10
7322	201	202	< 5	4	37	< 0.2	1.14	2	80	< 0.5	< 2	0.40	< 0.5	12	37	20	2.83	< 10	50	0.14	10

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 22-JUL-96
Invoice No. :I9623743
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623743

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7281	201	202	0.54	490	1	0.01	18	940	8	< 2	3	21	0.09	< 10	< 10	46	< 10	122
7282	201	202	0.42	655	1	0.01	24	710	12	< 2	3	22	0.07	< 10	< 10	37	< 10	182
7283	201	202	0.44	505	1	0.01	16	620	8	< 2	3	22	0.08	< 10	< 10	42	< 10	98
7284	201	202	0.43	890	2	0.01	30	940	10	< 2	3	32	0.06	< 10	< 10	36	< 10	234
7285	201	202	0.48	575	1	0.01	21	910	8	< 2	4	24	0.09	< 10	< 10	38	< 10	192
7286	201	202	0.47	220	2	0.01	17	850	10	< 2	3	15	0.09	< 10	< 10	37	< 10	124
7287	201	202	0.45	160	< 1	0.01	20	850	10	< 2	4	13	0.09	< 10	< 10	34	< 10	152
7288	201	202	0.31	280	3	0.02	21	790	2	< 2	< 1	60	< 0.01	< 10	< 10	5	< 10	190
7289	201	202	0.46	>10000	7	0.02	138	1320	10	< 2	3	46	0.04	< 10	< 10	27	< 10	758
7290	201	202	0.43	2360	1	0.01	26	990	8	< 2	2	18	0.06	< 10	< 10	27	< 10	172
7291	201	202	0.57	1200	2	0.01	29	880	8	< 2	4	21	0.09	< 10	< 10	38	< 10	216
7292	201	202	0.67	295	1	0.03	26	910	6	< 2	4	46	0.09	< 10	< 10	37	< 10	234
7293	201	202	0.23	2270	1	0.03	117	1100	4	< 2	1	51	0.01	< 10	< 10	10	< 10	702
7294	201	202	0.22	9290	6	0.02	445	740	2	< 2	1	35	0.01	< 10	< 10	12	< 10	2200
7295	201	202	0.60	1290	< 1	0.01	53	840	6	< 2	3	20	0.08	< 10	< 10	35	< 10	408
7296	201	202	0.49	175	< 1	< 0.01	41	790	8	< 2	3	14	0.07	< 10	< 10	33	< 10	266
7297	201	202	0.56	215	1	0.01	51	800	8	< 2	3	17	0.08	< 10	< 10	40	< 10	340
7300	201	202	0.14	135	13	0.02	11	380	< 2	< 2	< 1	67	< 0.01	< 10	< 10	5	< 10	14
7301	201	202	0.33	2460	10	0.01	18	2650	10	< 2	3	43	0.05	< 10	10	128	< 10	68
7302	201	202	0.50	345	1	0.01	15	1270	6	< 2	4	25	0.09	< 10	< 10	38	< 10	70
7303	201	202	0.41	655	1	0.01	13	1140	6	< 2	3	35	0.06	< 10	< 10	37	< 10	70
7304	201	202	0.41	400	1	0.01	12	1080	6	< 2	3	25	0.07	< 10	< 10	35	< 10	64
7305	201	202	0.49	270	1	0.01	14	1220	6	< 2	4	29	0.09	< 10	< 10	50	< 10	54
7306	201	202	0.48	595	1	0.01	15	1040	6	< 2	3	50	0.06	< 10	< 10	33	< 10	74
7307	201	202	0.50	230	1	0.01	15	990	6	< 2	3	42	0.07	< 10	< 10	32	< 10	80
7308	201	202	0.51	125	1	0.01	16	1180	6	< 2	3	41	0.05	< 10	10	34	< 10	84
7309	201	202	0.55	220	1	< 0.01	16	820	6	< 2	4	16	0.10	< 10	< 10	39	< 10	52
7310	201	202	0.18	275	3	0.01	12	1760	4	< 2	< 1	57	< 0.01	< 10	10	24	< 10	66
7311	201	202	0.62	300	1	0.01	18	910	8	< 2	4	18	0.07	< 10	< 10	43	< 10	74
7312	201	202	0.34	225	5	0.01	14	1080	2	< 2	1	48	0.01	< 10	< 10	20	< 10	68
7313	201	202	0.26	1360	1	0.02	7	970	2	< 2	< 1	64	< 0.01	< 10	< 10	2	< 10	56
7314	201	202	0.23	70	7	0.01	13	1010	< 2	< 2	< 1	68	< 0.01	< 10	< 10	5	< 10	30
7315	201	202	0.20	50	6	0.01	13	860	< 2	< 2	< 1	54	< 0.01	< 10	< 10	5	< 10	38
7316	201	202	0.22	100	5	0.01	9	980	< 2	< 2	< 1	67	< 0.01	< 10	< 10	6	< 10	30
7317	201	202	0.74	295	1	0.01	25	790	8	< 2	5	16	0.10	< 10	< 10	45	< 10	58
7318	201	202	0.74	415	< 1	< 0.01	22	790	10	< 2	4	18	0.09	< 10	< 10	42	< 10	78
7319	201	202	0.67	195	< 1	< 0.01	20	780	10	< 2	4	14	0.09	< 10	< 10	43	< 10	56
7320	201	202	0.91	365	< 1	0.01	32	680	8	< 2	5	20	0.10	< 10	< 10	46	< 10	92
7321	201	202	0.69	265	< 1	0.01	23	760	8	< 2	4	16	0.07	< 10	< 10	37	< 10	56
7322	201	202	0.67	440	< 1	0.01	22	800	10	< 2	4	15	0.08	< 10	< 10	39	< 10	48

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :3-A
Total Pages :3
Certificate Date: 22-JUL-96
Invoice No. :I9623743
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623743

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
7323	201	202	< 5	5	50	< 0.2	1.10	6	60	< 0.5	< 2	0.40	< 0.5	8	35	11	2.49	< 10	30	0.15	10
7324	201	202	< 5	4	47	< 0.2	1.07	6	70	< 0.5	< 2	0.42	< 0.5	9	33	10	2.83	< 10	30	0.14	10
7325	201	202	< 5	4	60	< 0.2	1.41	4	90	< 0.5	< 2	0.46	< 0.5	13	45	24	3.24	< 10	30	0.23	20
7326	201	202	< 5	9	53	< 0.2	1.10	4	100	< 0.5	< 2	0.47	< 0.5	18	38	26	3.82	< 10	30	0.17	20
7327	201	202	< 5	3	43	< 0.2	1.03	8	70	< 0.5	< 2	0.47	< 0.5	13	37	15	3.46	< 10	< 10	0.15	20
7328	201	202	< 5	5	50	< 0.2	1.13	< 2	80	< 0.5	< 2	0.49	< 0.5	13	42	17	3.46	< 10	< 10	0.17	20
7329	201	202	< 5	8	47	< 0.2	1.04	8	90	< 0.5	< 2	0.45	< 0.5	16	41	19	3.66	< 10	30	0.15	30
7331	201	202	< 5	6	490	0.2	1.19	4	80	< 0.5	< 2	1.73	0.5	9	31	39	2.73	< 10	270	0.11	20
7332	201	202	< 5	4	560	0.2	1.24	8	130	< 0.5	< 2	1.47	1.5	7	27	48	1.93	< 10	270	0.10	30
7333	201	202	< 5	< 1	380	< 0.2	1.08	2	80	< 0.5	< 2	0.89	0.5	9	26	23	2.74	< 10	230	0.10	10
7334	201	202	< 5	< 1	210	0.2	0.84	6	60	< 0.5	< 2	1.82	1.0	8	22	47	1.56	< 10	150	0.06	10
7335	201	202	< 5	14	260	0.2	1.17	10	160	< 0.5	< 2	1.23	0.5	6	30	48	4.91	< 10	330	0.12	10
7336	201	202	< 5	6	63	< 0.2	1.51	6	110	< 0.5	< 2	1.17	< 0.5	7	41	52	2.59	< 10	130	0.20	10
7337	201	202	< 5	4	140	< 0.2	1.37	< 2	100	< 0.5	< 2	1.12	< 0.5	8	41	36	2.10	< 10	110	0.16	10
7338	201	202	< 5	7	86	< 0.2	1.59	< 2	90	< 0.5	< 2	0.63	< 0.5	11	48	25	2.60	< 10	70	0.24	20
7339	201	202	< 5	< 1	320	< 0.2	1.73	8	120	< 0.5	< 2	0.81	0.5	12	46	33	3.16	< 10	140	0.21	20
7340	201	202	< 5	8	107	< 0.2	2.02	2	130	0.5	< 2	0.54	< 0.5	13	59	30	3.79	< 10	70	0.30	30
7341	201	202	< 5	10	190	< 0.2	1.74	12	100	0.5	< 2	0.88	< 0.5	13	48	24	5.27	< 10	70	0.21	20
7342	201	202	< 5	7	142	< 0.2	1.59	6	110	< 0.5	< 2	0.77	< 0.5	13	44	18	5.15	< 10	80	0.17	10
7343	201	202	< 5	6	118	< 0.2	1.40	2	90	< 0.5	< 2	0.50	< 0.5	12	45	20	3.48	< 10	40	0.15	20
7344	201	202	< 5	5	100	< 0.2	1.56	8	100	< 0.5	< 2	0.56	< 0.5	13	48	23	3.45	< 10	50	0.17	20
7345	201	202	< 5	6	80	< 0.2	1.34	8	80	< 0.5	< 2	0.49	< 0.5	9	44	16	3.39	< 10	40	0.16	10
7346	201	202	< 5	7	66	< 0.2	1.28	8	70	< 0.5	< 2	0.47	< 0.5	11	45	24	3.22	< 10	40	0.15	20
7347	201	202	< 5	3	116	< 0.2	1.53	10	160	< 0.5	< 2	0.51	< 0.5	15	47	17	5.47	< 10	60	0.16	10
7348	201	202	< 5	2	83	< 0.2	1.45	8	80	< 0.5	< 2	0.46	< 0.5	12	47	15	3.18	< 10	40	0.16	10
7349	201	202	< 5	3	67	< 0.2	1.36	< 2	70	< 0.5	< 2	0.48	< 0.5	10	46	13	3.17	< 10	20	0.15	10
7350	201	202	< 5	2	66	< 0.2	1.33	4	80	< 0.5	< 2	0.54	< 0.5	10	44	12	3.37	< 10	40	0.15	10
7351	201	202	< 5	5	48	< 0.2	1.32	16	90	< 0.5	< 2	0.48	< 0.5	11	45	21	2.99	< 10	20	0.22	20

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 22-JUL-96
Invoice No. : I9623743
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9623743

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7323	201	202	0.65	185	< 1	0.01	18	770	6	< 2	4	14	0.08	< 10	< 10	35	< 10	46
7324	201	202	0.61	495	< 1	0.01	17	800	6	< 2	4	15	0.08	< 10	< 10	36	< 10	42
7325	201	202	0.80	315	< 1	0.01	24	830	10	< 2	5	17	0.10	< 10	< 10	47	< 10	56
7326	201	202	0.69	1775	1	0.01	32	880	10	< 2	4	20	0.09	< 10	< 10	43	< 10	50
7327	201	202	0.63	970	1	0.01	20	960	8	< 2	3	16	0.09	< 10	< 10	42	< 10	42
7328	201	202	0.70	455	< 1	0.01	24	970	8	< 2	4	16	0.09	< 10	< 10	47	< 10	46
7329	201	202	0.64	850	< 1	0.01	25	990	10	< 2	4	14	0.09	< 10	< 10	48	< 10	46
7331	201	202	0.59	1050	3	0.02	31	1500	8	< 2	3	39	0.05	< 10	10	29	< 10	534
7332	201	202	0.53	270	4	0.03	27	1150	8	< 2	3	45	0.03	< 10	10	25	< 10	554
7333	201	202	0.53	450	3	0.01	20	950	6	< 2	3	28	0.06	< 10	10	26	< 10	362
7334	201	202	0.47	310	4	0.01	30	680	2	< 2	2	48	0.03	< 10	90	24	< 10	174
7335	201	202	0.47	2030	3	0.02	23	1090	10	< 2	4	41	0.04	< 10	10	23	< 10	256
7336	201	202	0.69	545	5	0.03	23	600	6	< 2	4	41	0.06	< 10	10	36	< 10	72
7337	201	202	0.73	245	4	0.03	24	750	6	< 2	4	74	0.06	< 10	10	32	< 10	128
7338	201	202	0.91	245	10	0.03	26	760	8	< 2	5	39	0.11	< 10	10	46	< 10	92
7339	201	202	0.79	365	2	0.03	28	680	8	< 2	5	35	0.08	< 10	< 10	42	< 10	280
7340	201	202	1.04	350	1	0.02	32	750	10	< 2	6	22	0.11	< 10	< 10	54	< 10	110
7341	201	202	0.82	510	1	0.01	25	910	10	< 2	5	30	0.08	< 10	< 10	49	< 10	178
7342	201	202	0.78	2020	2	0.01	25	890	10	< 2	4	26	0.07	< 10	< 10	44	< 10	158
7343	201	202	0.76	555	1	0.01	24	850	10	< 2	4	17	0.08	< 10	< 10	45	< 10	114
7344	201	202	0.84	385	< 1	0.01	27	870	8	< 2	5	22	0.10	< 10	< 10	44	< 10	104
7345	201	202	0.80	340	< 1	0.01	22	890	8	< 2	4	18	0.09	< 10	< 10	40	< 10	78
7346	201	202	0.78	410	1	0.01	23	840	10	< 2	4	16	0.09	< 10	< 10	43	< 10	66
7347	201	202	0.83	2030	< 1	0.01	30	970	8	< 2	4	19	0.08	< 10	< 10	44	< 10	120
7348	201	202	0.87	310	< 1	0.01	24	800	10	< 2	4	16	0.10	< 10	< 10	40	< 10	80
7349	201	202	0.85	345	< 1	0.01	22	840	6	< 2	4	16	0.10	< 10	< 10	40	< 10	66
7350	201	202	0.81	560	< 1	0.01	21	880	6	2	4	19	0.09	< 10	< 10	41	< 10	70
7351	201	202	0.80	260	< 1	0.01	23	1030	6	< 2	4	22	0.10	< 10	< 10	45	< 10	50

CERTIFICATION: Ian Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9624830

Comments: ATTN: J. BURGESS

CERTIFICATE A9624830

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 1-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	77	Dry, sieve to -80 mesh
202	77	save reject
238	77	Nitric-aqua-regia digestion
229	77	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	77	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	77	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	77	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	77	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	77	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	77	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	77	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	77	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	77	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	77	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	77	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	77	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	77	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	77	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	77	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	77	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	77	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	77	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	77	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	77	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	77	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	77	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	77	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	77	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	77	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	77	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	77	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	77	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	77	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	77	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	77	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	77	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	77	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	77	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	77	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: J. BURGESS

Certificate Date: 01-AUG-96
Invoice No. : I9624830
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9624830

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
3138	201	202	< 5	13	114	< 0.2	2.23	8	40	< 0.5	< 2	0.42	< 0.5	29	49	100	6.03	< 10	50	0.11	10
3139	201	202	< 5	13	350	< 0.2	1.75	22	40	0.5	< 2	0.51	< 0.5	19	37	53	9.24	< 10	40	0.08	30
3140	201	202	< 5	6	104	< 0.2	1.12	8	30	< 0.5	< 2	0.31	< 0.5	8	32	25	3.88	< 10	20	0.13	< 10
3141	201	202	< 5	< 1	157	1.6	1.23	12	50	< 0.5	< 2	0.39	0.5	15	26	25	5.74	< 10	10	0.22	10
3142	201	202	< 5	10	210	0.2	1.68	2	120	0.5	< 2	0.64	1.0	11	33	68	4.02	< 10	70	0.15	10
3143	201	202	< 5	7	250	0.2	1.53	4	140	< 0.5	< 2	1.24	0.5	14	29	50	3.60	< 10	50	0.16	10
3144	201	202	< 5	11	230	0.2	1.84	14	200	0.5	< 2	0.72	1.0	21	31	76	7.20	< 10	80	0.11	10
3146	201	202	< 5	10	270	0.2	1.06	12	70	< 0.5	< 2	0.56	0.5	16	18	38	10.80	< 10	30	0.15	10
3147	201	202	< 5	6	85	0.2	0.90	10	30	< 0.5	< 2	1.25	1.0	9	19	58	5.30	< 10	60	0.09	< 10
3148	201	202	25	11	101	< 0.2	1.24	10	50	< 0.5	< 2	0.29	< 0.5	11	31	32	7.05	< 10	30	0.22	10
3149	201	202	< 5	15	146	0.2	1.28	10	130	< 0.5	< 2	0.49	< 0.5	16	34	42	6.17	< 10	60	0.17	10
3150	201	202	< 5	3	220	< 0.2	1.23	16	90	< 0.5	< 2	0.44	< 0.5	11	24	26	7.86	< 10	60	0.19	10
3427	201	202	< 5	21	42	< 0.2	1.00	< 2	50	< 0.5	< 2	1.41	0.5	3	25	32	1.10	< 10	160	0.08	10
3428	201	202	15	9	122	< 0.2	1.15	2	120	< 0.5	< 2	1.59	0.5	8	31	25	2.25	< 10	60	0.10	20
3429	201	202	< 5	12	52	< 0.2	1.35	4	120	< 0.5	< 2	1.07	< 0.5	7	34	20	2.55	< 10	160	0.08	30
3430	201	202	< 5	5	31	< 0.2	1.25	2	80	< 0.5	< 2	1.19	< 0.5	4	29	21	1.54	< 10	150	0.05	20
3431	201	202	< 5	15	90	< 0.2	1.24	12	110	< 0.5	< 2	1.34	< 0.5	7	27	18	2.74	< 10	230	0.08	20
3432	201	202	< 5	8	71	< 0.2	1.12	2	70	< 0.5	< 2	1.05	< 0.5	6	25	14	2.58	< 10	90	0.07	10
3433	201	202	5	6	65	< 0.2	0.97	8	60	< 0.5	< 2	0.97	< 0.5	6	22	10	2.28	< 10	110	0.07	10
3434	201	202	< 5	4	39	< 0.2	0.68	2	30	< 0.5	< 2	0.54	< 0.5	4	19	7	1.43	< 10	40	0.05	10
3435	201	202	< 5	4	38	< 0.2	0.63	2	30	< 0.5	< 2	0.52	< 0.5	4	21	8	2.08	< 10	40	0.07	10
3436	201	202	< 5	3	60	< 0.2	0.77	6	40	< 0.5	< 2	0.67	< 0.5	5	22	11	2.17	< 10	50	0.07	10
3437	201	202	< 5	3	41	3.0	0.64	2	30	< 0.5	< 2	0.44	< 0.5	4	18	6	1.81	< 10	20	0.06	10
3438	201	202	< 5	5	39	< 0.2	0.69	6	30	< 0.5	< 2	0.42	< 0.5	5	21	7	2.08	< 10	10	0.06	10
3439	201	202	< 5	3	31	< 0.2	0.68	4	40	< 0.5	< 2	0.51	< 0.5	4	20	7	2.20	< 10	20	0.07	10
3440	201	202	< 5	2	54	< 0.2	0.94	4	60	< 0.5	< 2	0.61	< 0.5	6	23	9	3.55	< 10	50	0.09	10
3441	201	202	< 5	2	42	< 0.2	0.73	4	40	< 0.5	< 2	0.45	< 0.5	4	18	7	2.31	< 10	30	0.06	10
3442	201	202	< 5	6	66	< 0.2	0.95	2	60	< 0.5	< 2	0.62	< 0.5	6	25	15	1.71	< 10	30	0.08	10
3443	201	202	< 5	5	27	< 0.2	0.71	6	30	< 0.5	< 2	0.57	< 0.5	6	24	12	2.03	< 10	30	0.12	10
3444	201	202	10	7	51	< 0.2	1.22	< 2	70	< 0.5	< 2	0.50	< 0.5	9	38	18	2.60	< 10	40	0.20	10
3445	201	202	< 5	8	64	< 0.2	1.30	< 2	80	< 0.5	< 2	0.68	< 0.5	7	30	14	2.15	< 10	30	0.16	20
3446	201	202	10	6	45	< 0.2	1.15	8	60	< 0.5	< 2	0.46	< 0.5	8	35	15	2.30	< 10	30	0.13	10
3447	201	202	< 5	5	38	< 0.2	0.75	< 2	40	< 0.5	< 2	0.47	< 0.5	5	23	10	1.14	< 10	30	0.07	10
3448	201	202	10	6	42	< 0.2	1.20	6	60	< 0.5	< 2	0.77	< 0.5	10	38	22	3.02	< 10	20	0.22	10
3995	201	202	< 5	4	1810	< 0.2	2.58	16	100	1.0	< 2	0.51	7.5	52	27	122	9.42	< 10	110	0.07	50
3996	201	202	< 5	3	1780	0.8	1.83	12	20	< 0.5	< 2	0.26	11.5	65	26	143	>15.00	< 10	30	0.01	< 10
3997	201	202	< 5	4	500	< 0.2	1.95	16	30	0.5	< 2	0.95	3.5	48	14	63	6.47	< 10	90	0.07	30
3998	201	202	10	< 1	26	0.8	7.39	8	< 10	< 0.5	< 2	0.05	< 0.5	3	17	67	2.78	< 10	100	< 0.01	< 10
5985	201	202	15	5	44	< 0.2	0.98	< 2	10	< 0.5	< 2	0.76	< 0.5	7	13	30	2.21	< 10	30	0.03	20
5986	201	202	20	3	133	< 0.2	0.18	< 2	70	< 0.5	< 2	2.12	< 0.5	1	6	57	0.34	< 10	120	0.01	40

CERTIFICATION: Ian Bickler

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: J. BURGESS

Certificate Date: 01-AUG-96
Invoice No. : I9624830
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9624830

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3138	201	202	1.26	485	2	< 0.01	56	620	16	< 2	10	12	0.08	< 10	< 10	104	< 10	124
3139	201	202	0.78	525	4	< 0.01	36	1100	18	< 2	5	12	0.06	< 10	10	73	< 10	386
3140	201	202	0.55	575	< 1	< 0.01	23	730	8	< 2	3	9	0.08	< 10	< 10	45	< 10	118
3141	201	202	0.68	2510	3	< 0.01	27	510	12	< 2	3	11	0.08	< 10	< 10	33	< 10	186
3142	201	202	0.58	755	3	0.01	38	920	14	2	3	20	0.06	< 10	< 10	41	< 10	244
3143	201	202	0.63	530	2	0.01	39	870	10	< 2	3	41	0.06	< 10	< 10	35	< 10	280
3144	201	202	0.51	4350	4	0.01	51	1310	14	< 2	4	23	0.04	< 10	< 10	35	< 10	262
3146	201	202	0.78	6800	3	< 0.01	35	1020	14	< 2	3	24	0.05	< 10	< 10	29	< 10	280
3147	201	202	0.34	1260	8	0.01	32	680	10	< 2	1	24	0.03	< 10	10	19	< 10	104
3148	201	202	0.51	3000	2	< 0.01	28	760	18	< 2	3	13	0.08	< 10	< 10	38	< 10	120
3149	201	202	0.54	5260	3	< 0.01	45	870	16	< 2	3	17	0.07	< 10	< 10	42	< 10	168
3150	201	202	0.39	3210	3	< 0.01	32	750	14	< 2	2	15	0.06	< 10	< 10	27	< 10	190
3427	201	202	0.44	175	1	0.03	13	1260	20	< 2	2	29	0.03	< 10	10	15	< 10	50
3428	201	202	0.75	415	13	0.02	18	1150	8	< 2	3	51	0.07	< 10	< 10	31	< 10	152
3429	201	202	0.50	980	2	0.02	16	1550	12	< 2	3	25	0.06	< 10	10	30	< 10	60
3430	201	202	0.47	305	3	0.02	14	1460	8	< 2	2	26	0.05	< 10	10	26	< 10	36
3431	201	202	0.51	1665	1	0.02	14	1320	24	< 2	3	30	0.05	< 10	< 10	29	< 10	104
3432	201	202	0.48	1325	1	0.01	12	1370	10	< 2	2	23	0.06	< 10	< 10	31	< 10	82
3433	201	202	0.46	905	< 1	0.01	11	800	12	< 2	2	21	0.07	< 10	< 10	28	< 10	80
3434	201	202	0.32	310	< 1	0.01	8	790	6	< 2	1	13	0.06	< 10	< 10	24	< 10	48
3435	201	202	0.33	235	< 1	0.01	9	860	6	< 2	1	13	0.06	< 10	< 10	33	< 10	44
3436	201	202	0.38	530	< 1	0.01	10	1050	8	< 2	2	15	0.06	< 10	< 10	29	< 10	70
3437	201	202	0.34	310	< 1	0.01	8	570	8	< 2	1	10	0.06	< 10	< 10	27	< 10	42
3438	201	202	0.37	255	< 1	0.01	10	810	6	< 2	1	10	0.06	< 10	< 10	31	< 10	40
3439	201	202	0.36	410	< 1	0.01	9	810	6	< 2	1	13	0.06	< 10	< 10	32	< 10	40
3440	201	202	0.48	285	< 1	0.01	11	870	6	2	3	15	0.08	< 10	< 10	31	< 10	62
3441	201	202	0.37	650	< 1	0.01	9	750	6	< 2	2	12	0.06	< 10	< 10	26	< 10	46
3442	201	202	0.51	195	2	0.01	14	800	8	< 2	3	16	0.08	< 10	< 10	30	< 10	74
3443	201	202	0.62	315	< 1	0.01	12	700	4	< 2	2	13	0.07	< 10	< 10	29	< 10	28
3444	201	202	0.77	375	< 1	0.01	20	740	8	< 2	4	20	0.09	< 10	< 10	39	< 10	58
3445	201	202	0.78	275	< 1	0.03	15	860	8	< 2	4	22	0.10	< 10	< 10	37	< 10	70
3446	201	202	0.66	230	< 1	0.01	18	790	8	< 2	3	14	0.08	< 10	< 10	36	< 10	46
3447	201	202	0.48	125	< 1	0.01	12	730	6	< 2	2	11	0.06	< 10	< 10	25	< 10	38
3448	201	202	1.04	500	< 1	0.01	21	740	8	2	4	18	0.10	< 10	< 10	40	< 10	50
3995	201	202	0.34	275	8	0.01	217	760	16	2	5	17	0.04	< 10	40	29	< 10	2010
3996	201	202	0.05	80	< 1	< 0.01	160	310	26	< 2	6	7	0.01	< 10	40	9	< 10	2020
3997	201	202	0.36	685	10	0.01	162	530	10	< 2	3	22	0.01	< 10	10	17	< 10	802
3998	201	202	0.08	65	< 1	< 0.01	7	590	4	< 2	9	3	< 0.01	< 10	< 10	14	< 10	26
5985	201	202	0.61	70	< 1	0.01	22	420	8	< 2	< 1	24	< 0.01	< 10	< 10	6	< 10	58
5986	201	202	0.35	1335	1	0.02	22	750	2	< 2	< 1	48	< 0.01	< 10	10	3	< 10	168

CERTIFICATION: Stewart Bradley

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: J. BURGESS

Certificate Date: 01-AUG-96
Invoice No. :I9624830
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9624830

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
5987	201	202	< 5	< 1	33	< 0.2	0.12	< 2	30	< 0.5	< 2	2.41	0.5	3	4	77	0.72	< 10	130	< 0.01	10
5988	201	202	< 5	4	35	< 0.2	0.77	2	30	< 0.5	< 2	0.43	< 0.5	6	25	12	2.30	< 10	< 10	0.08	10
5989	201	202	10	8	74	< 0.2	1.31	4	60	< 0.5	< 2	1.25	< 0.5	9	35	28	2.91	< 10	110	0.17	10
5990	201	202	15	7	65	0.2	1.08	2	80	< 0.5	< 2	1.96	< 0.5	7	38	40	2.78	< 10	120	0.11	10
5991	201	202	15	10	147	< 0.2	1.52	6	70	< 0.5	< 2	1.20	< 0.5	6	33	27	2.32	< 10	100	0.14	20
5992	201	202	< 5	8	72	< 0.2	1.48	< 2	90	< 0.5	< 2	0.44	< 0.5	13	43	21	3.04	< 10	40	0.16	30
5993	201	202	< 5	11	65	< 0.2	1.26	2	100	< 0.5	< 2	0.60	< 0.5	12	37	15	3.51	< 10	40	0.15	10
5994	201	202	15	6	44	< 0.2	1.24	2	60	< 0.5	< 2	0.39	< 0.5	9	38	16	2.00	< 10	20	0.17	10
5995	201	202	< 5	8	51	< 0.2	0.97	6	60	< 0.5	< 2	0.50	< 0.5	8	30	11	2.91	< 10	30	0.11	10
5996	201	202	10	6	40	< 0.2	0.99	2	60	< 0.5	< 2	0.35	< 0.5	9	32	13	2.45	< 10	30	0.11	10
5997	201	202	< 5	< 1	38	< 0.2	0.86	6	80	< 0.5	< 2	0.48	< 0.5	9	31	11	3.31	< 10	40	0.10	10
5998	201	202	15	< 1	38	< 0.2	0.83	8	50	< 0.5	< 2	0.42	< 0.5	8	29	10	2.56	< 10	30	0.10	10
5999	201	202	10	< 1	32	< 0.2	0.76	6	50	< 0.5	< 2	0.42	< 0.5	7	33	9	3.25	< 10	30	0.10	10
6193	201	202	15	8	42	< 0.2	0.88	2	70	< 0.5	< 2	0.45	< 0.5	8	32	11	2.80	< 10	30	0.12	10
6535	201	202	25	< 1	225	0.6	0.52	8	10	< 0.5	< 2	3.41	1.5	9	6	107	3.93	< 10	610	0.04	< 10
6538	201	202	10	6	18	0.8	0.45	< 2	10	< 0.5	< 2	0.03	< 0.5	< 1	33	41	0.20	< 10	110	0.09	< 10
7475	201	202	15	< 1	22	< 0.2	0.10	14	160	< 0.5	< 2	0.32	< 0.5	< 1	< 1	6	>15.00	< 10	10	0.01	30
7484	201	202	25	9	188	1.0	1.21	24	10	< 0.5	< 2	0.47	0.5	25	4	60	>15.00	< 10	80	< 0.01	< 10
7550	201	202	20	10	175	0.2	1.16	10	60	< 0.5	< 2	0.32	0.5	16	33	62	5.57	< 10	40	0.13	10
7551	201	202	20	8	500	0.2	1.18	50	120	< 0.5	< 2	1.21	3.0	39	30	88	5.55	< 10	110	0.13	10
7552	201	202	15	19	105	0.2	0.72	8	60	< 0.5	< 2	0.58	0.5	4	24	71	2.42	< 10	110	0.08	10
7553	201	202	< 5	13	200	0.8	0.93	6	130	< 0.5	< 2	2.01	3.0	10	12	123	8.02	< 10	180	0.02	30
7554	201	202	10	< 1	121	< 0.2	0.86	6	70	< 0.5	< 2	0.55	0.5	9	27	28	2.41	< 10	30	0.05	10
7555	201	202	< 5	5	98	< 0.2	1.03	8	50	< 0.5	< 2	0.64	< 0.5	10	31	25	3.20	< 10	30	0.07	10
7556	201	202	< 5	3	94	< 0.2	0.83	2	50	< 0.5	< 2	0.71	< 0.5	7	25	25	1.30	< 10	30	0.06	10
7557	201	202	< 5	10	115	< 0.2	1.03	2	80	< 0.5	< 2	0.75	0.5	10	28	27	2.30	< 10	60	0.07	10
7558	201	202	< 5	6	91	< 0.2	1.27	8	90	< 0.5	< 2	0.73	< 0.5	10	32	34	2.43	< 10	50	0.09	20
7559	201	202	< 5	< 1	125	< 0.2	1.08	2	50	< 0.5	< 2	0.52	< 0.5	8	30	19	2.67	< 10	40	0.10	10
7560	201	202	15	7	150	< 0.2	1.19	12	100	< 0.5	< 2	0.69	< 0.5	11	32	31	3.82	< 10	50	0.13	10
7561	201	202	< 5	7	196	< 0.2	1.30	42	210	< 0.5	< 2	0.71	0.5	13	33	38	5.08	< 10	70	0.11	10
7562	201	202	10	10	250	0.2	1.13	70	100	< 0.5	< 2	0.98	1.5	19	27	58	4.48	< 10	80	0.08	10
7563	201	202	< 5	6	178	0.2	0.81	58	400	< 0.5	< 2	0.95	0.5	12	18	26	6.76	< 10	100	0.08	10
7564	201	202	< 5	< 1	340	0.2	1.84	8	120	0.5	< 2	1.26	2.5	13	35	100	3.17	< 10	200	0.08	30
7565	201	202	< 5	2	115	< 0.2	1.32	8	90	< 0.5	< 2	1.75	< 0.5	8	33	40	3.26	< 10	120	0.09	20
7566	201	202	< 5	9	39	< 0.2	1.18	16	50	< 0.5	< 2	0.66	< 0.5	10	39	29	3.06	< 10	40	0.08	10
7569	201	202	< 5	3	73	< 0.2	1.21	24	60	< 0.5	< 2	0.72	0.5	6	29	85	2.21	< 10	80	0.11	10
7570	201	202	< 5	7	155	0.2	1.25	190	270	< 0.5	< 2	1.18	< 0.5	12	33	31	4.31	< 10	110	0.11	10

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
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Project : 40-431
Comments: ATTN: J. BURGESS

Page Number :2-B
Total Pages :2
Certificate Date: 01-AUG-96
Invoice No. :I9624830
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9624830

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
5987	201	202	0.37	75	3	0.01	33	550	2	< 2	< 1	45	< 0.01	< 10	10	4	< 10	36
5988	201	202	0.46	240	< 1	0.01	12	750	8	< 2	3	13	0.07	< 10	< 10	32	< 10	36
5989	201	202	0.84	215	2	0.01	22	900	10	< 2	4	32	0.09	< 10	30	38	< 10	62
5990	201	202	0.81	445	< 1	0.01	17	1120	10	< 2	3	20	0.06	< 10	10	38	< 10	70
5991	201	202	0.75	245	< 1	0.01	23	930	10	< 2	4	29	0.06	< 10	< 10	37	< 10	176
5992	201	202	0.83	310	< 1	0.02	28	820	12	< 2	4	15	0.11	< 10	< 10	50	< 10	82
5993	201	202	0.72	2140	< 1	0.01	21	870	10	< 2	4	17	0.08	< 10	< 10	41	< 10	72
5994	201	202	0.74	330	< 1	0.01	20	770	6	< 2	3	12	0.08	< 10	< 10	40	< 10	50
5995	201	202	0.60	760	< 1	0.01	16	830	8	< 2	3	13	0.06	< 10	< 10	31	< 10	56
5996	201	202	0.60	580	< 1	0.01	17	710	8	< 2	3	10	0.07	< 10	< 10	36	< 10	44
5997	201	202	0.54	1905	< 1	0.01	16	880	6	< 2	2	13	0.06	< 10	< 10	38	< 10	46
5998	201	202	0.54	890	< 1	0.01	16	820	6	< 2	2	12	0.06	< 10	< 10	33	< 10	40
5999	201	202	0.47	580	< 1	0.01	14	890	6	< 2	2	11	0.06	< 10	< 10	44	< 10	32
6193	201	202	0.58	330	< 1	0.01	15	910	8	< 2	3	13	0.06	< 10	< 10	37	< 10	44
6535	201	202	0.55	375	1	0.01	67	1340	6	2	< 1	50	< 0.01	< 10	40	13	< 10	196
6538	201	202	0.04	30	< 1	< 0.01	6	230	8	< 2	5	3	0.07	< 10	10	7	< 10	16
7475	201	202	0.05	2250	11	< 0.01	< 1	190	28	2	< 1	26	< 0.01	< 10	10	6	< 10	26
7484	201	202	0.04	1170	< 1	< 0.01	40	400	24	2	1	9	< 0.01	< 10	10	3	< 10	164
7550	201	202	0.63	605	3	< 0.01	49	740	16	< 2	4	11	0.08	< 10	< 10	44	< 10	186
7551	201	202	0.46	3710	4	0.02	110	710	10	< 2	4	38	0.05	< 10	10	41	< 10	518
7552	201	202	0.37	190	8	0.01	20	850	20	< 2	3	17	0.06	< 10	< 10	47	< 10	106
7553	201	202	0.33	3200	5	< 0.01	59	2090	16	< 2	2	47	0.01	< 10	< 10	17	< 10	190
7554	201	202	0.46	525	1	0.01	30	720	8	< 2	3	13	0.06	< 10	< 10	33	< 10	124
7555	201	202	0.55	690	< 1	0.01	27	910	8	< 2	3	17	0.08	< 10	< 10	41	< 10	106
7556	201	202	0.51	155	< 1	0.01	19	650	6	< 2	3	28	0.06	< 10	< 10	29	< 10	84
7557	201	202	0.55	385	1	0.01	24	880	8	< 2	3	18	0.07	< 10	< 10	34	< 10	132
7558	201	202	0.67	395	1	0.01	26	900	8	< 2	4	19	0.09	< 10	< 10	42	< 10	96
7559	201	202	0.56	260	< 1	0.01	19	740	6	< 2	3	15	0.07	< 10	< 10	33	< 10	116
7560	201	202	0.60	2190	< 1	0.01	25	790	8	< 2	4	19	0.08	< 10	< 10	39	< 10	154
7561	201	202	0.57	5550	2	0.01	37	970	8	< 2	3	17	0.06	< 10	< 10	39	< 10	212
7562	201	202	0.49	2370	6	0.01	54	1090	8	< 2	3	19	0.05	< 10	< 10	34	< 10	272
7563	201	202	0.38	8320	3	0.01	24	920	12	< 2	2	31	0.04	< 10	< 10	23	< 10	180
7564	201	202	0.42	2260	5	0.01	53	1980	6	< 2	3	25	0.03	< 10	30	29	< 10	382
7565	201	202	0.62	735	1	0.02	22	1440	8	< 2	4	30	0.06	< 10	10	29	< 10	102
7566	201	202	0.65	515	< 1	0.01	17	920	8	< 2	4	16	0.08	< 10	< 10	49	< 10	44
7569	201	202	0.72	400	1	0.01	17	680	4	< 2	3	17	0.05	< 10	< 10	39	< 10	76
7570	201	202	0.62	6320	1	0.01	27	2290	10	< 2	4	24	0.06	< 10	< 10	47	< 10	162

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5C 2V9

Comments: ATN: J. BURGESS

REÇU/RECEIVED
26 -08- 1996

A9626063

CERTIFICATE A9626063

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. #:

Samples submitted to our lab in Mississauga, ON.
This report was printed on 12-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	20	Dry, sieve to -80 mesh
220	10	Transferring charge
202	20	save reject
238	20	Nitric-aqua-regia digestion
229	20	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	20	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	20	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	20	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	20	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	20	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	20	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	20	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	20	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	20	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	20	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	20	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	20	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	20	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	20	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	20	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	20	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	20	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	20	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	20	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	20	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	20	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	20	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	20	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	20	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	20	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	20	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	20	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	20	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	20	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	20	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	20	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	20	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	20	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	20	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	20	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : 40-431
Comments: ATN: J. BURGESS

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Total Pages : 1
Certificate Date: 12-AUG-96
Invoice No. : I9626063
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626063

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
4114	201	202	< 5	3	820	< 0.2	0.86	12	50	< 0.5	< 2	1.85	2.5	25	14	54	2.47	< 10	150	0.05	20
4115	201	202	< 5	18	350	0.6	0.72	54	60	< 0.5	< 2	1.56	0.5	11	17	55	5.37	< 10	280	0.07	10
4176	201	220	< 5	< 1	83	0.2	0.34	6	60	< 0.5	< 2	2.07	0.5	6	7	60	1.75	< 10	140	0.01	< 10
4177	201	220	< 5	2	500	< 0.2	4.15	10	40	1.0	< 2	1.04	1.5	57	30	103	4.31	< 10	100	0.02	50
4178	201	220	< 5	7	1150	< 0.2	7.23	16	60	1.5	< 2	0.54	4.5	193	45	138	8.08	< 10	60	0.07	80
4179	201	220	< 5	29	1100	0.2	4.14	46	90	0.5	< 2	0.47	1.5	82	29	162	>15.00	< 10	50	0.01	70
4180	201	220	< 5	6	1300	< 0.2	5.45	24	60	1.5	< 2	0.73	2.5	107	31	98	11.65	< 10	60	0.03	100
4181	201	220	< 5	3	890	< 0.2	1.98	16	110	0.5	< 2	0.49	1.5	58	24	77	8.03	< 10	20	0.06	80
4182	201	220	< 5	5	460	< 0.2	1.92	10	50	0.5	< 2	0.42	0.5	36	20	49	5.31	< 10	30	0.04	40
4183	201	220	< 5	9	1250	< 0.2	5.06	24	130	1.5	< 2	0.82	2.5	107	32	121	10.70	< 10	70	0.03	100
4184	201	220	< 5	< 1	70	< 0.2	0.65	4	10	< 0.5	< 2	0.34	< 0.5	7	14	11	2.17	< 10	< 10	0.06	20
4194	201	202	< 5	2	56	< 0.2	0.53	10	30	< 0.5	< 2	0.44	< 0.5	5	16	13	2.59	< 10	10	0.06	20
4195	201	202	< 5	< 1	36	< 0.2	0.41	6	20	< 0.5	< 2	0.38	< 0.5	3	11	7	1.56	< 10	10	0.04	10
4196	201	202	< 5	3	23	< 0.2	0.38	2	30	< 0.5	< 2	0.36	< 0.5	3	11	6	1.39	< 10	10	0.04	10
4197	201	202	< 5	13	65	0.2	1.23	8	120	< 0.5	< 2	0.46	1.0	14	32	25	3.21	< 10	90	0.11	10
4198	201	202	< 5	10	113	0.2	1.09	14	140	< 0.5	< 2	1.45	1.5	10	26	68	2.89	< 10	180	0.10	30
4199	201	202	< 5	5	138	< 0.2	0.97	52	60	< 0.5	< 2	0.77	< 0.5	11	24	31	3.67	< 10	30	0.13	10
4200	201	202	< 5	8	80	< 0.2	0.61	8	80	< 0.5	< 2	1.20	< 0.5	9	17	24	2.91	< 10	100	0.09	20
4304	201	202	< 5	2	23	< 0.2	0.40	4	20	< 0.5	< 2	0.29	< 0.5	5	10	7	1.34	< 10	< 10	0.04	10
8891	201	220	< 5	3	67	< 0.2	0.61	4	10	< 0.5	< 2	0.33	< 0.5	6	14	11	2.13	< 10	< 10	0.05	10

CERTIFICATION: Ian Bichler

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CERTIFICATE OF ANALYSIS A9626063

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4114	201	202	0.32	535	11	0.01	106	840	4	< 2	1	26	0.01	< 10	10	14	< 10	760
4115	201	202	0.37	890	9	< 0.01	33	1290	18	< 2	3	25	0.03	< 10	10	33	< 10	308
4176	201	220	0.27	390	3	0.01	20	840	2	< 2	< 1	35	< 0.01	< 10	< 10	13	< 10	82
4177	201	220	0.48	255	3	< 0.01	111	640	6	< 2	8	21	0.02	< 10	< 10	36	< 10	466
4178	201	220	0.50	690	4	< 0.01	263	500	14	< 2	12	14	0.05	< 10	< 10	41	< 10	1050
4179	201	220	0.36	2100	6	< 0.01	182	460	32	< 2	8	14	0.01	< 10	< 10	31	< 10	912
4180	201	220	0.32	665	4	< 0.01	173	660	12	< 2	8	19	0.03	< 10	< 10	25	< 10	1200
4181	201	220	0.32	4860	2	< 0.01	175	700	10	< 2	5	16	0.06	< 10	< 10	28	< 10	748
4182	201	220	0.24	1800	1	< 0.01	84	680	8	< 2	5	11	0.04	< 10	< 10	25	< 10	452
4183	201	220	0.31	5950	5	< 0.01	241	690	14	< 2	8	23	0.03	< 10	< 10	27	< 10	1205
4184	201	220	0.28	130	1	< 0.01	15	690	2	< 2	1	10	0.06	< 10	< 10	19	< 10	68
4194	201	202	0.27	170	5	< 0.01	11	630	4	< 2	1	11	0.05	< 10	< 10	32	< 10	56
4195	201	202	0.21	90	4	0.01	8	620	2	< 2	1	8	0.05	< 10	< 10	19	< 10	30
4196	201	202	0.21	155	7	< 0.01	6	490	< 2	< 2	1	10	0.04	< 10	< 10	13	< 10	22
4197	201	202	0.31	8520	3	< 0.01	17	1660	14	< 2	3	12	0.04	< 10	< 10	33	< 10	56
4198	201	202	0.44	6180	3	< 0.01	31	1230	14	< 2	2	35	0.04	< 10	10	24	< 10	128
4199	201	202	0.46	1120	1	< 0.01	22	670	8	< 2	3	18	0.07	< 10	< 10	32	< 10	130
4200	201	202	0.39	2070	1	< 0.01	19	1040	10	< 2	2	19	0.03	< 10	< 10	25	< 10	78
4304	201	202	0.21	105	5	< 0.01	11	640	2	< 2	1	7	0.04	< 10	< 10	16	< 10	20
8891	201	220	0.29	110	1	< 0.01	14	730	4	< 2	1	8	0.05	< 10	< 10	19	< 10	60

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9626637

Comments: ATN: J. BURGESS

CERTIFICATE A9626637

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 14-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	19	Dry, sieve to -80 mesh
202	19	save reject
238	19	Nitric-aqua-regia digestion
229	19	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	19	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	19	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	19	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	19	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	19	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	19	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	19	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	19	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	19	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	19	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	19	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	19	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	19	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	19	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	19	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	19	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	19	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	19	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	19	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	19	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	19	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	19	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	19	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	19	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	19	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	19	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	19	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	19	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	19	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	19	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	19	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	19	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	19	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	19	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	19	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: KENNECOTT CANADA INC.
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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :1-A
Total Pages :1
Certificate Date: 14-AUG-96
Invoice No. :I9626637
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626637

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
4207	201	202	< 5	13	220	0.2	1.09	20	50	< 0.5	< 2	1.99	1.0	9	27	65	3.95	< 10	320	0.10	30
4208	201	202	< 5	12	240	0.4	0.98	16	50	< 0.5	< 2	2.09	1.0	8	22	54	3.22	< 10	360	0.10	20
4209	201	202	< 5	23	1150	1.4	0.91	122	70	< 0.5	< 2	1.46	9.5	22	12	133	15.00	< 10	1680	0.08	10
4210	201	202	< 5	12	850	1.2	0.72	62	50	< 0.5	< 2	2.11	6.0	11	13	111	9.84	< 10	1450	0.07	10
4250	201	202	< 5	3	51	< 0.2	0.08	< 2	10	< 0.5	< 2	1.02	< 0.5	< 1	3	7	0.88	< 10	80	< 0.01	< 10
4251	201	202	< 5	4	61	< 0.2	0.12	< 2	40	< 0.5	< 2	1.42	< 0.5	1	8	17	2.32	< 10	100	0.01	< 10
4252	201	202	< 5	4	54	< 0.2	0.60	2	40	< 0.5	< 2	2.54	1.5	6	17	68	1.91	< 10	220	0.05	20
4253	201	202	< 5	4	32	< 0.2	0.37	< 2	70	< 0.5	< 2	2.44	< 0.5	1	14	50	3.15	< 10	150	0.01	30
4254	201	202	< 5	5	120	< 0.2	0.96	4	50	< 0.5	< 2	1.27	0.5	6	21	26	2.24	< 10	160	0.08	30
4595	201	202	< 5	3	60	2.0	0.20	6	< 10	< 0.5	< 2	0.05	< 0.5	3	7	46	>15.00	< 10	270	0.01	< 10
4872	201	202	< 5	< 1	360	0.4	10.55	6	< 10	1.0	< 2	0.06	2.0	94	27	146	9.92	< 10	90	< 0.01	20
8892	201	202	< 5	6	1150	< 0.2	2.83	16	330	0.5	< 2	0.84	7.5	49	20	70	7.65	< 10	90	0.05	30
8893	201	202	< 5	< 1	500	< 0.2	2.36	6	50	0.5	< 2	1.64	5.5	10	14	51	2.88	< 10	150	0.03	30
8894	201	202	< 5	< 1	205	< 0.2	4.66	< 2	70	1.0	< 2	0.58	2.0	12	15	86	5.78	< 10	90	< 0.01	40
8895	201	202	< 5	9	410	< 0.2	1.78	10	80	0.5	< 2	0.54	1.5	12	36	69	3.90	< 10	60	0.23	30
8896	201	202	< 5	< 1	1250	< 0.2	1.99	6	50	0.5	< 2	0.39	5.0	18	35	51	>15.00	< 10	40	0.03	< 10
8897	201	202	< 5	10	920	1.6	6.48	10	10	1.0	< 2	0.51	18.0	51	16	167	13.35	< 10	310	0.01	30
8898	201	202	< 5	< 1	29	0.2	0.57	< 2	10	< 0.5	< 2	2.53	< 0.5	< 1	14	144	0.38	< 10	220	0.03	10
8899	201	202	< 5	2	85	< 0.2	0.10	< 2	40	< 0.5	< 2	1.99	1.5	5	34	25	3.39	< 10	100	0.03	< 10

CERTIFICATION: Stuart Bickle

Chemex Labs Ltd.

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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :1-B
Total Pages :1
Certificate Date: 14-AUG-96
Invoice No. :I9626637
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626637

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
4207	201	202	0.62	735	4	0.01	31	1400	16	2	4	45	0.09	< 10	10	46	< 10	298
4208	201	202	0.55	620	3	0.01	29	1420	14	< 2	3	50	0.06	< 10	< 10	33	< 10	268
4209	201	202	0.31	2290	22	< 0.01	100	880	40	4	1	51	0.03	< 10	30	94	< 10	1350
4210	201	202	0.40	1240	16	< 0.01	123	1240	26	2	1	51	0.04	< 10	30	98	< 10	1000
4250	201	202	0.33	185	1	0.01	6	380	< 2	< 2	< 1	19	< 0.01	< 10	< 10	3	< 10	50
4251	201	202	0.30	655	1	0.01	11	710	6	< 2	< 1	23	< 0.01	< 10	< 10	6	< 10	78
4252	201	202	0.59	550	3	< 0.01	26	960	4	< 2	1	46	0.01	< 10	10	15	< 10	64
4253	201	202	0.33	220	1	< 0.01	10	670	8	< 2	1	74	0.01	< 10	10	35	< 10	30
4254	201	202	0.49	555	1	0.01	18	1120	6	< 2	3	35	0.06	< 10	< 10	23	< 10	128
4595	201	202	0.03	35	< 1	< 0.01	3	570	30	< 2	2	2	< 0.01	< 10	10	13	< 10	58
4872	201	202	0.01	1870	2	< 0.01	140	270	2	2	7	3	< 0.01	< 10	50	4	< 10	460
8892	201	202	0.30	>10000	9	< 0.01	248	1410	2	2	3	54	0.04	< 10	10	25	< 10	1465
8893	201	202	0.34	1730	4	< 0.01	68	1430	6	< 2	1	82	0.02	< 10	10	9	< 10	700
8894	201	202	0.16	305	3	< 0.01	67	1010	6	2	3	33	< 0.01	< 10	30	6	< 10	286
8895	201	202	0.65	220	6	0.02	54	820	14	< 2	4	23	0.11	< 10	< 10	53	< 10	444
8896	201	202	0.05	175	18	< 0.01	91	590	14	< 2	3	15	0.04	< 10	20	35	< 10	1800
8897	201	202	0.06	1500	5	< 0.01	169	680	32	6	3	19	< 0.01	< 10	30	21	< 10	1690
8898	201	202	0.34	70	< 1	0.01	20	770	< 2	2	< 1	102	< 0.01	< 10	< 10	3	< 10	34
8899	201	202	0.38	590	2	0.01	24	700	8	< 2	< 1	34	< 0.01	< 10	< 10	4	< 10	136

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

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TO: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9627574

Comments: ATN: J. BURGESS

CERTIFICATE A9627574

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

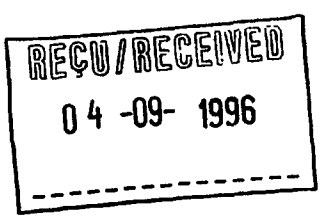
Samples submitted to our lab in Mississauga, ON.
This report was printed on 26-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	16	Dry, sieve to -80 mesh
202	16	save reject
238	16	Nitric-aqua-regia digestion
229	16	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.



ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	16	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	16	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	16	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	16	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	16	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	16	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	16	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	16	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	16	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	16	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	16	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	16	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	16	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	16	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	16	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	16	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	16	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	16	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	16	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	16	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	16	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	16	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	16	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	16	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	16	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	16	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	16	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	16	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	16	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	16	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	16	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	16	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	16	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	16	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	16	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
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M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 26-AUG-96
Invoice No. : I9627574
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9627574

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
10500	201	202	< 5	12	48	< 0.2	1.20	< 2	70	< 0.5	< 2	0.35	< 0.5	10	38	16	3.15	< 10	10	0.08	30
10501	201	202	< 5	10	39	< 0.2	0.87	< 2	50	< 0.5	< 2	0.37	< 0.5	6	29	14	2.29	< 10	30	0.08	20
10502	201	202	< 5	11	39	< 0.2	0.98	< 2	60	< 0.5	< 2	0.51	< 0.5	7	31	15	2.66	< 10	10	0.11	20
10503	201	202	< 5	9	35	< 0.2	0.99	< 2	50	< 0.5	< 2	0.36	< 0.5	6	31	15	2.35	< 10	< 10	0.09	30
10504	201	202	< 5	13	47	< 0.2	1.18	< 2	70	< 0.5	< 2	0.39	< 0.5	10	37	22	3.21	< 10	30	0.11	30
10505	201	202	< 5	12	59	< 0.2	1.58	< 2	80	< 0.5	< 2	0.44	< 0.5	11	48	23	3.42	< 10	40	0.17	30
10506	201	202	55	11	48	< 0.2	1.19	< 2	60	< 0.5	< 2	0.60	< 0.5	10	39	19	3.64	< 10	10	0.19	30
10507	201	202	< 5	9	49	< 0.2	0.87	< 2	40	< 0.5	< 2	0.35	< 0.5	9	27	11	2.78	< 10	10	0.09	20
10508	201	202	< 5	10	60	< 0.2	1.29	< 2	60	< 0.5	< 2	0.51	< 0.5	9	40	14	3.29	< 10	40	0.16	30
10509	201	202	< 5	10	46	< 0.2	1.08	< 2	80	< 0.5	< 2	0.44	< 0.5	9	46	19	4.25	< 10	20	0.15	30
11094	201	202	< 5	13	58	< 0.2	1.53	< 2	90	< 0.5	< 2	0.55	< 0.5	11	49	26	3.46	< 10	30	0.20	30
11095	201	202	< 5	17	180	< 0.2	1.48	< 2	40	< 0.5	< 2	1.18	0.5	11	33	168	3.38	< 10	200	0.07	50
11096	201	202	< 5	6	65	< 0.2	0.26	16	50	< 0.5	< 2	1.30	< 0.5	17	6	79	1.49	< 10	70	< 0.01	10
11097	201	202	< 5	4	30	< 0.2	0.08	< 2	20	< 0.5	< 2	2.47	< 0.5	< 1	3	8	0.33	< 10	40	0.01	< 10
11098	201	202	< 5	8	21	0.2	0.82	< 2	20	< 0.5	< 2	2.45	0.5	1	11	321	0.28	< 10	170	0.03	40
11100	201	202	< 5	12	36	< 0.2	0.84	< 2	50	< 0.5	< 2	0.45	< 0.5	10	44	17	4.19	< 10	30	0.11	30

CERTIFICATION: Advance of Excellence

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CERTIFICATE OF ANALYSIS A9627574

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10500	201	202	0.60	330	< 1	< 0.01	20	620	6	< 2	3	16	0.07	< 10	< 10	38	< 10	46
10501	201	202	0.51	240	< 1	< 0.01	15	750	6	< 2	3	14	0.06	< 10	< 10	29	< 10	36
10502	201	202	0.52	525	< 1	< 0.01	18	720	6	< 2	3	22	0.06	< 10	< 10	33	< 10	44
10503	201	202	0.52	265	< 1	< 0.01	16	760	6	< 2	3	14	0.07	< 10	< 10	33	< 10	38
10504	201	202	0.61	320	< 1	< 0.01	23	720	8	< 2	4	17	0.07	< 10	< 10	39	< 10	50
10505	201	202	0.82	325	< 1	< 0.01	27	710	8	< 2	5	20	0.10	< 10	< 10	47	< 10	62
10506	201	202	0.81	450	< 1	< 0.01	22	800	6	< 2	4	17	0.08	< 10	< 10	40	< 10	52
10507	201	202	0.45	245	< 1	< 0.01	17	720	2	< 2	2	11	0.06	< 10	< 10	29	< 10	52
10508	201	202	0.69	305	< 1	< 0.01	22	760	6	< 2	4	18	0.08	< 10	< 10	38	< 10	62
10509	201	202	0.65	330	< 1	< 0.01	22	810	6	< 2	3	13	0.08	< 10	< 10	54	< 10	48
11094	201	202	0.98	440	1	< 0.01	26	720	6	< 2	5	18	0.11	< 10	< 10	51	< 10	58
11095	201	202	0.37	3600	1	< 0.01	91	1020	12	< 2	3	50	0.02	< 10	< 10	27	< 10	188
11096	201	202	0.07	145	3	0.01	44	540	< 2	< 2	< 1	48	< 0.01	< 10	< 10	4	< 10	66
11097	201	202	0.19	375	1	0.01	4	400	< 2	< 2	< 1	42	< 0.01	< 10	< 10	1	< 10	26
11098	201	202	0.16	50	1	0.01	21	780	2	< 2	1	44	0.01	< 10	< 10	13	< 10	16
11100	201	202	0.56	710	< 1	< 0.01	20	840	6	< 2	3	14	0.06	< 10	< 10	54	< 10	34

CERTIFICATION: Adriana Alexandru

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M5C 2V9

A9628732

Comments: ATN: J. BURGESS

CERTIFICATE A9628732

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	50	Dry, sieve to -80 mesh
202	50	save reject
238	50	Nitric-aqua-regia digestion
229	50	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

REÇU/RECEIVED
06 -09- 1996

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	50	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	50	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	50	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	50	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	50	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	50	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	50	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	50	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	50	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	50	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	50	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	50	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	50	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	50	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	50	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	50	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	50	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	50	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	50	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	50	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	50	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	50	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	50	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	50	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	50	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	50	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	50	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	50	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	50	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	50	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	50	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	50	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	50	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	50	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	50	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number : 1-A
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Certificate Date: 02-SEP-96
Invoice No. : I9628732
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9628732

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
10513	201	202	< 5	< 1	>10000	< 0.2	0.73	< 2	40	< 0.5	2	1.59	59.0	13	10	1125	3.04	< 10	110	0.03	20
10514	201	202	< 5	< 1	107	< 0.2	0.97	< 2	30	< 0.5	< 2	0.64	< 0.5	6	34	25	3.86	< 10	70	0.09	30
10515	201	202	< 5	2	550	< 0.2	1.15	20	40	< 0.5	2	0.71	< 0.5	8	37	28	4.85	< 10	30	0.14	40
10516	201	202	< 5	< 1	460	< 0.2	1.05	< 2	40	< 0.5	< 2	0.73	1.0	7	31	54	4.54	< 10	50	0.11	30
10517	201	202	< 5	< 1	1250	< 0.2	1.18	2	40	0.5	< 2	1.13	4.0	10	34	273	4.33	< 10	80	0.11	50
10518	201	202	< 5	< 1	2600	< 0.2	1.21	< 2	50	< 0.5	< 2	0.74	7.0	10	34	218	2.33	< 10	40	0.10	30
10519	201	202	< 5	6	2700	< 0.2	1.96	< 2	50	0.5	< 2	0.70	10.5	7	30	527	1.83	< 10	60	0.09	40
10520	201	202	< 5	< 1	45	< 0.2	0.30	< 2	60	< 0.5	< 2	4.40	< 0.5	1	12	94	0.89	< 10	230	0.02	20
10526	201	202	< 5	47	440	< 0.2	0.79	< 2	10	< 0.5	14	0.06	0.5	13	3	41	>15.00	< 10	40	< 0.01	< 10
11101	201	202	10	10	164	< 0.2	1.86	< 2	90	1.5	< 2	0.90	0.5	7	27	148	1.62	< 10	210	0.17	210
11102	201	202	< 5	26	255	< 0.2	1.83	< 2	100	3.0	< 2	1.53	< 0.5	32	47	366	1.81	< 10	300	0.25	420
11103	201	202	< 5	15	165	< 0.2	1.82	18	60	1.0	< 2	0.48	< 0.5	7	30	210	2.53	< 10	230	0.13	110
11104	201	202	< 5	28	215	< 0.2	1.70	6	50	1.5	< 2	1.37	1.5	11	40	247	1.02	< 10	420	0.14	240
11105	201	202	< 5	21	210	< 0.2	2.19	8	90	3.0	< 2	1.36	< 0.5	17	35	469	1.82	< 10	750	0.19	480
11106	201	202	< 5	22	230	< 0.2	2.30	2	100	3.0	< 2	1.39	< 0.5	11	36	342	1.89	< 10	450	0.23	320
11107	201	202	< 5	34	188	< 0.2	2.04	18	80	3.0	< 2	1.79	< 0.5	9	44	403	1.85	< 10	840	0.19	330
11108	201	202	< 5	9	128	< 0.2	1.43	2	50	1.0	< 2	0.69	< 0.5	4	25	208	0.70	< 10	490	0.13	140
11109	201	202	< 5	16	225	< 0.2	2.79	6	90	2.0	< 2	1.27	< 0.5	11	51	316	1.81	< 10	1010	0.23	230
11110	201	202	< 5	14	170	< 0.2	2.01	12	70	3.0	< 2	1.97	< 0.5	6	38	464	1.19	< 10	1740	0.16	440
11111	201	202	< 5	17	280	< 0.2	1.91	8	70	3.0	< 2	1.37	0.5	8	31	424	1.03	< 10	990	0.17	440
11112	201	202	20	26	280	< 0.2	2.32	26	80	4.0	< 2	1.83	0.5	20	37	519	1.93	< 10	1160	0.17	580
11113	201	202	< 5	30	470	< 0.2	2.98	26	140	4.5	< 2	1.66	0.5	25	45	452	2.87	< 10	700	0.27	460
11114	201	202	< 5	28	340	< 0.2	2.27	20	110	3.5	< 2	1.50	< 0.5	20	37	325	2.18	< 10	580	0.24	400
11115	201	202	< 5	32	300	< 0.2	2.26	14	110	4.0	< 2	1.81	0.5	13	37	500	2.43	< 10	750	0.24	500
11116	201	202	10	30	330	< 0.2	2.48	6	130	3.5	< 2	1.08	< 0.5	19	42	304	2.38	< 10	630	0.29	370
11117	201	202	10	30	380	< 0.2	2.75	20	130	3.5	< 2	1.10	< 0.5	31	45	358	2.82	< 10	510	0.32	400
11118	201	202	< 5	28	215	< 0.2	1.89	6	90	3.5	< 2	1.47	0.5	24	36	388	1.83	< 10	590	0.22	550
11119	201	202	< 5	40	430	< 0.2	3.03	26	140	4.0	< 2	1.49	0.5	30	48	500	2.94	< 10	730	0.28	540
11120	201	202	< 5	35	280	< 0.2	2.34	10	120	3.5	< 2	1.10	0.5	22	43	293	2.27	< 10	520	0.30	420
11121	201	202	< 5	44	350	< 0.2	2.67	34	120	4.5	< 2	1.14	0.5	27	41	612	2.94	< 10	410	0.22	490
11122	201	202	< 5	33	230	< 0.2	3.12	28	140	5.0	< 2	0.93	0.5	23	44	735	2.89	< 10	610	0.18	510
11123	201	202	< 5	20	90	0.2	2.02	4	130	2.5	< 2	0.67	2.0	10	29	448	2.09	< 10	140	0.11	180
11124	201	202	< 5	9	96	< 0.2	0.96	6	50	2.0	< 2	1.59	0.5	10	22	151	0.82	< 10	500	0.15	200
11125	201	202	< 5	10	44	< 0.2	1.04	16	40	2.0	< 2	1.56	< 0.5	13	29	233	0.88	< 10	600	0.11	340
11126	201	202	< 5	10	51	< 0.2	1.21	2	30	3.0	< 2	1.47	< 0.5	14	27	369	0.96	< 10	300	0.09	550
11127	201	202	< 5	15	123	< 0.2	1.21	8	60	2.5	< 2	2.19	0.5	11	25	227	1.18	< 10	320	0.15	290
11128	201	202	< 5	21	160	0.2	1.60	10	70	1.5	< 2	2.18	0.5	8	30	219	1.50	< 10	490	0.18	200
11129	201	202	< 5	15	137	< 0.2	2.57	< 2	80	3.0	< 2	1.10	0.5	5	42	441	0.96	< 10	1440	0.18	450
11130	201	202	< 5	17	183	< 0.2	1.47	< 2	70	1.0	< 2	0.82	1.0	6	27	121	1.08	< 10	380	0.17	140
11131	201	202	< 5	12	470	< 0.2	0.95	6	40	1.5	< 2	2.16	4.5	10	21	800	0.45	< 10	1130	0.06	160

CERTIFICATION: Ian Bichler

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10513	201	202	0.34	205	6	< 0.01	47	490	6	< 2	1	19	0.01	< 10	10	7	< 10	>10000
10514	201	202	0.63	240	< 1	< 0.01	16	910	12	2	3	12	0.07	< 10	< 10	42	< 10	126
10515	201	202	0.72	225	13	< 0.01	19	810	2	< 2	4	14	0.08	< 10	< 10	49	< 10	632
10516	201	202	0.65	325	11	< 0.01	17	700	8	< 2	3	12	0.06	< 10	< 10	40	< 10	608
10517	201	202	0.64	150	13	< 0.01	19	800	2	< 2	3	17	0.06	< 10	40	62	< 10	1510
10518	201	202	0.65	190	1	< 0.01	24	740	8	2	3	12	0.07	< 10	< 10	32	< 10	2860
10519	201	202	0.63	155	< 1	< 0.01	28	860	8	6	3	13	0.07	< 10	< 10	32	< 10	3010
10520	201	202	0.62	30	< 1	< 0.01	17	1440	< 2	< 2	< 1	49	< 0.01	< 10	40	3	< 10	50
10526	201	202	0.03	2300	< 1	< 0.01	13	690	68	6	< 1	< 1	< 0.01	< 10	< 10	5	10	490
11101	201	202	0.42	150	< 1	0.01	28	1270	12	< 2	5	50	0.04	< 10	< 10	21	< 10	188
11102	201	202	0.56	540	1	0.04	34	1020	22	< 2	9	80	0.04	< 10	< 10	23	< 10	304
11103	201	202	0.60	225	< 1	< 0.01	26	1040	24	< 2	7	21	0.11	< 10	< 10	35	< 10	186
11104	201	202	0.27	385	< 1	0.05	34	1520	32	< 2	4	68	0.01	< 10	< 10	12	< 10	278
11105	201	202	0.53	195	1	0.02	42	1330	24	2	10	69	0.04	< 10	< 10	25	< 10	280
11106	201	202	0.64	240	< 1	0.01	39	1280	24	8	7	72	0.04	< 10	< 10	23	< 10	316
11107	201	202	0.39	155	< 1	0.04	30	1290	40	< 2	8	85	0.02	< 10	10	23	< 10	260
11108	201	202	0.26	75	< 1	0.03	25	780	4	< 2	7	40	0.01	< 10	< 10	10	< 10	142
11109	201	202	0.47	370	< 1	0.02	43	2730	16	2	6	67	0.03	< 10	< 10	23	< 10	336
11110	201	202	0.34	175	< 1	0.01	26	2380	14	6	8	94	0.02	< 10	20	16	< 10	228
11111	201	202	0.37	95	< 1	0.01	35	1210	22	2	7	71	0.03	< 10	10	21	< 10	398
11112	201	202	0.49	350	1	0.01	36	1790	36	6	7	92	0.02	< 10	10	26	< 10	400
11113	201	202	0.83	610	< 1	0.02	58	1740	48	2	12	89	0.04	< 10	10	35	< 10	642
11114	201	202	0.62	415	1	0.01	50	1440	36	< 2	8	84	0.04	< 10	< 10	26	< 10	404
11115	201	202	0.63	245	< 1	0.01	50	1410	36	< 2	9	102	0.04	< 10	10	26	< 10	354
11116	201	202	0.75	240	< 1	0.01	58	1180	36	< 2	9	62	0.05	< 10	< 10	28	< 10	408
11117	201	202	0.87	560	< 1	0.01	75	1370	42	< 2	10	68	0.05	< 10	< 10	33	< 10	462
11118	201	202	0.53	405	< 1	0.01	41	1120	34	< 2	7	80	0.04	< 10	< 10	23	< 10	302
11119	201	202	0.87	990	< 1	0.01	74	1630	46	< 2	11	95	0.05	< 10	< 10	35	< 10	544
11120	201	202	0.72	335	< 1	0.01	58	1480	38	2	8	65	0.04	< 10	< 10	27	< 10	412
11121	201	202	0.71	890	2	0.01	51	1800	50	< 2	8	69	0.04	< 10	10	38	< 10	428
11122	201	202	0.50	1815	4	0.01	66	2450	42	6	7	58	0.03	< 10	10	41	< 10	342
11123	201	202	0.25	385	2	< 0.01	42	2080	32	< 2	3	44	0.03	< 10	10	31	< 10	148
11124	201	202	0.22	585	< 1	0.01	11	1480	12	4	1	99	0.01	< 10	< 10	10	< 10	126
11125	201	202	0.19	505	1	0.01	7	2040	18	< 2	1	95	0.01	< 10	20	13	< 10	70
11126	201	202	0.19	290	1	0.01	9	1480	16	< 2	2	87	0.01	< 10	30	11	< 10	78
11127	201	202	0.30	515	1	0.01	15	1420	20	< 2	2	138	0.01	< 10	< 10	15	< 10	162
11128	201	202	0.38	280	1	0.01	33	1440	22	< 2	5	116	0.02	< 10	< 10	19	< 10	212
11129	201	202	0.32	115	< 1	< 0.01	29	1500	20	2	8	68	0.02	< 10	40	15	< 10	198
11130	201	202	0.37	110	< 1	0.01	31	570	18	< 2	6	48	0.03	< 10	< 10	15	< 10	226
11131	201	202	0.16	45	5	< 0.01	44	380	12	6	7	117	0.01	< 10	40	16	< 10	550

CERTIFICATION: Hart Bichler

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11132	201	202	< 5	14	194	< 0.2	1.61	< 2	80	1.5	< 2	1.03	2.0	5	30	232	0.94	< 10	520	0.17	170
11133	201	202	< 5	28	127	< 0.2	2.26	24	70	3.0	< 2	0.74	< 0.5	10	33	371	2.33	< 10	410	0.13	480
11134	201	202	< 5	25	165	< 0.2	2.30	24	80	2.5	< 2	1.05	0.5	34	30	284	2.42	< 10	560	0.13	420
11135	201	202	< 5	< 1	19	< 0.2	0.20	< 2	20	< 0.5	< 2	1.67	< 0.5	1	4	29	0.25	< 10	150	< 0.01	30
11136	201	202	< 5	3	50	< 0.2	1.07	4	40	2.5	< 2	2.67	< 0.5	1	19	288	0.51	< 10	500	0.06	190
11137	201	202	10	36	141	< 0.2	1.50	28	60	2.0	< 2	1.80	0.5	26	24	234	1.57	< 10	340	0.13	180
11138	201	202	5	13	96	< 0.2	0.92	4	40	1.0	< 2	1.30	0.5	6	19	127	1.13	< 10	270	0.11	70
11139	201	202	< 5	34	169	< 0.2	1.68	26	60	2.0	< 2	1.69	1.5	17	25	241	1.82	< 10	320	0.13	200
11140	201	202	10	22	122	< 0.2	1.45	30	50	1.5	< 2	1.35	0.5	15	23	188	1.69	< 10	270	0.13	150
11141	201	202	< 5	12	165	< 0.2	1.95	10	60	2.0	< 2	1.01	< 0.5	5	32	180	1.57	< 10	80	0.13	180

CERTIFICATION: Ian K Bucholz

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SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
11132	201	202	0.33	95	< 1	0.01	39	750	20	2	5	60	0.02	< 10	< 10	17	< 10	228
11133	201	202	0.52	195	1	0.01	23	1050	30	< 2	9	46	0.05	< 10	< 10	31	< 10	178
11134	201	202	0.45	1395	4	0.01	23	1710	34	4	7	63	0.02	< 10	< 10	30	< 10	222
11135	201	202	0.06	30	3	0.01	3	340	6	< 2	< 1	95	< 0.01	< 10	< 10	1	< 10	30
11136	201	202	0.15	110	< 1	< 0.01	11	1160	2	2	2	151	< 0.01	< 10	10	5	< 10	58
11137	201	202	0.23	1695	3	0.01	18	1870	42	< 2	3	111	0.01	< 10	10	20	< 10	184
11138	201	202	0.21	335	1	0.01	16	1220	14	< 2	3	73	0.05	< 10	< 10	16	< 10	112
11139	201	202	0.26	820	2	0.02	23	1580	38	< 2	3	106	0.01	< 10	10	24	< 10	214
11140	201	202	0.22	605	2	0.01	19	1750	28	2	2	82	0.01	< 10	< 10	18	< 10	166
11141	201	202	0.31	130	1	0.01	22	1910	14	< 2	4	61	0.02	< 10	10	20	< 10	212

CERTIFICATION: Ian R. Pardoe

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9631217

Comments: ATN: J. BURGESS

CERTIFICATE A9631217

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

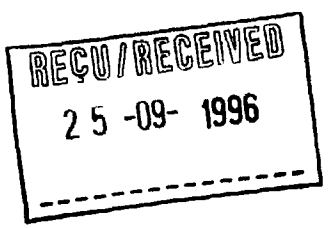
Samples submitted to our lab in Mississauga, ON.
This report was printed on 19-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	15	Dry, sieve to -80 mesh
202	15	save reject
238	15	Nitric-aqua-regia digestion
229	15	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.



ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	15	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	15	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	15	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	15	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	15	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	15	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	15	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	15	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	15	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	15	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	15	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	15	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	15	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	15	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	15	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	15	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	15	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	15	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	15	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	15	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	15	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	15	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	15	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	15	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	15	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	15	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	15	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	15	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	15	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	15	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	15	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	15	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	15	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	15	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	15	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number : 1-A
Total Pages : 1
Certificate Date: 19-SEP-96
Invoice No. : I9631217
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9631217

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
10728	201	202	< 5	13	27	< 0.2	0.22	< 2	30	< 0.5	< 2	2.75	0.5	3	8	13	0.53	< 10	150	0.04	< 10
10729	201	202	< 5	11	56	0.8	0.73	< 2	330	< 0.5	< 2	1.74	< 0.5	12	13	27	4.24	< 10	150	0.05	10
10730	201	202	< 5	13	59	0.2	1.16	2	80	< 0.5	< 2	2.16	0.5	11	19	76	3.57	< 10	330	0.06	30
10731	201	202	< 5	34	96	< 0.2	0.91	6	110	< 0.5	2	2.27	2.0	11	16	41	3.49	< 10	260	0.07	10
10732	201	202	< 5	19	66	0.2	0.93	12	180	< 0.5	< 2	1.52	< 0.5	8	18	26	3.11	< 10	80	0.17	< 10
10733	201	202	< 5	15	97	< 0.2	1.12	8	110	< 0.5	2	1.78	0.5	11	18	24	4.01	< 10	130	0.07	10
10734	201	202	< 5	12	117	0.6	0.98	8	480	< 0.5	2	2.15	1.0	12	18	33	4.00	< 10	70	0.08	10
10735	201	202	< 5	4	39	< 0.2	0.89	2	50	< 0.5	< 2	0.70	< 0.5	8	30	12	2.11	< 10	10	0.13	10
11363	201	202	< 5	14	174	< 0.2	1.69	6	110	0.5	< 2	2.20	< 0.5	12	30	36	3.42	< 10	110	0.20	30
11364	201	202	< 5	10	130	< 0.2	1.26	< 2	80	< 0.5	2	2.16	< 0.5	8	28	34	2.73	< 10	180	0.15	30
11365	201	202	< 5	6	103	< 0.2	1.23	< 2	60	< 0.5	< 2	0.77	< 0.5	8	31	17	3.12	< 10	50	0.13	30
11366	201	202	< 5	6	50	< 0.2	0.74	10	30	< 0.5	< 2	0.48	< 0.5	7	56	11	7.29	< 10	30	0.07	30
11367	201	202	< 5	10	56	< 0.2	0.76	2	30	< 0.5	< 2	0.42	< 0.5	8	33	10	4.27	< 10	30	0.07	20
11368	201	202	< 5	10	64	< 0.2	0.75	6	40	< 0.5	< 2	0.56	< 0.5	7	41	16	5.40	< 10	50	0.07	30
11369	201	202	< 5	8	53	< 0.2	0.78	2	40	< 0.5	< 2	0.54	< 0.5	8	29	13	2.66	< 10	30	0.08	20

CERTIFICATION: Ian K Bradley

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Certificate Date: 19-SEP-96
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Account : LZV

CERTIFICATE OF ANALYSIS A9631217

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10728	201	202	0.44	895	1	0.02	6	850	16	< 2	< 1	59	< 0.01	< 10	< 10	9	< 10	26
10729	201	202	0.43	>10000	4	0.01	17	700	10	< 2	3	47	0.03	< 10	< 10	31	< 10	52
10730	201	202	0.66	2040	2	< 0.01	14	1330	12	2	4	51	0.10	< 10	10	54	< 10	66
10731	201	202	0.60	5230	3	0.01	16	1520	34	2	3	46	0.07	< 10	10	42	< 10	106
10732	201	202	0.75	4710	3	0.01	12	1480	20	< 2	2	31	0.06	< 10	< 10	35	< 10	74
10733	201	202	0.64	3600	2	< 0.01	13	1190	12	< 2	3	37	0.12	< 10	< 10	52	< 10	102
10734	201	202	0.60	>10000	5	< 0.01	18	1700	12	6	3	47	0.10	< 10	< 10	45	< 10	128
10735	201	202	0.54	565	< 1	0.03	11	820	6	2	3	18	0.11	< 10	< 10	40	< 10	38
11363	201	202	0.79	835	< 1	0.02	30	880	14	2	3	61	0.05	< 10	< 10	34	< 10	210
11364	201	202	0.71	455	1	0.02	25	890	10	2	2	54	0.04	< 10	< 10	27	< 10	156
11365	201	202	0.58	250	< 1	0.01	19	720	6	6	3	21	0.07	< 10	< 10	36	< 10	116
11366	201	202	0.37	495	< 1	< 0.01	14	780	8	< 2	2	15	0.07	< 10	< 10	94	< 10	54
11367	201	202	0.43	360	< 1	< 0.01	15	720	6	2	2	11	0.06	< 10	< 10	47	< 10	58
11368	201	202	0.41	475	< 1	< 0.01	18	830	8	< 2	2	13	0.06	< 10	< 10	63	< 10	66
11369	201	202	0.53	535	< 1	< 0.01	17	770	6	< 2	2	13	0.06	< 10	< 10	33	< 10	50

CERTIFICATION:

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TORONTO, ON
M5C 2V9

A9624808

Comments: ATTN: JOHN BURGESS

CERTIFICATE A9624808

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 30-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
202	160	save reject
3296	160	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	160	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	160	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	160	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	160	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	160	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	160	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	160	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	160	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	160	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	160	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	160	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	160	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	160	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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CERTIFICATE OF ANALYSIS A9624808

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
2250	201	202	15	< 1	33	0.02	6.6	5.6	< 0.1	15.2	10	< 0.2	1.0	< 0.2	4	
2251	201	202	20	< 1	22	0.12	3.0	3.2	< 0.1	28.0	20	0.8	3.5	< 0.2	11	
2252	201	202	15	< 1	80	0.20	4.6	4.6	0.1	15.6	50	0.2	4.5	< 0.2	12	
2253	201	202	10	6	380	0.26	4.0	1.6	2.2	34.8	210	3.6	7.5	< 0.2	187	
2254	201	202	< 5	< 1	33	0.32	< 0.2	0.2	1.6	9.6	170	< 0.2	1.5	< 0.2	19	
2255	201	202	10	17	340	0.28	12.6	1.2	1.3	49.6	60	13.2	25.0	< 0.2	241	
2256	201	202	15	23	280	0.28	32.8	2.6	0.3	91.8	50	25.8	26.0	1.2	141	
2257	201	202	30	7	193	0.36	58.6	1.8	0.1	36.6	20	30.2	11.5	0.4	139	
2258	201	202	10	9	108	0.18	12.8	1.0	0.5	29.6	30	5.6	14.5	< 0.2	93	
2259	201	202	10	20	154	0.02	7.4	1.0	0.4	19.2	10	2.2	35.0	< 0.2	139	
2260	201	202	5	4	40	0.06	1.6	0.8	0.1	14.4	< 10	0.4	8.5	< 0.2	34	
2261	201	202	20	3	37	0.06	1.4	0.6	0.1	7.4	10	0.2	8.5	< 0.2	34	
2262	201	202	130	63	420	0.32	109.5	2.2	0.3	39.0	100	84.8	62.5	5.2	258	
2263	201	202	< 5	4	35	0.08	4.4	0.4	0.1	11.4	< 10	1.8	6.5	< 0.2	35	
2264	201	202	< 5	8	22	0.10	1.0	0.6	0.2	23.8	40	0.6	11.5	< 0.2	17	
2265	201	202	5	5	38	0.04	3.6	0.6	0.1	8.6	10	0.6	8.5	< 0.2	31	
2266	201	202	15	< 1	31	0.16	4.4	4.0	< 0.1	15.0	10	1.0	2.0	< 0.2	4	
2267	201	202	15	46	1250	3.76	11.4	3.0	8.1	141.0	50	67.2	25.0	0.6	144	
2268	201	202	< 5	16	210	0.18	15.4	1.8	0.3	42.4	40	13.8	19.5	< 0.2	137	
2269	201	202	< 5	11	103	0.12	12.0	2.0	0.7	20.6	30	6.6	14.0	< 0.2	77	
2270	201	202	< 5	8	45	0.10	4.8	0.6	< 0.1	9.6	30	2.0	9.5	< 0.2	38	
2271	201	202	55	20	59	0.58	4.8	0.6	0.2	26.0	60	5.0	23.5	< 0.2	41	
2272	201	202	< 5	16	107	0.16	3.4	0.8	0.2	17.4	20	2.8	17.5	< 0.2	99	
2273	201	202	< 5	2	27	0.02	1.0	0.2	0.1	9.8	20	< 0.2	5.0	< 0.2	28	
2274	201	202	< 5	4	45	0.02	3.0	0.6	0.1	10.2	30	0.6	7.5	< 0.2	42	
2275	201	202	< 5	4	21	0.02	2.0	0.2	< 0.1	6.6	20	< 0.2	6.0	< 0.2	23	
2276	201	202	< 5	8	73	< 0.02	3.6	1.0	< 0.1	12.0	40	1.2	10.0	< 0.2	58	
2277	201	202	< 5	4	36	0.02	2.6	< 0.2	0.1	8.2	10	0.4	7.5	0.2	34	
2278	201	202	5	15	107	0.06	5.8	0.8	0.1	20.8	40	4.2	18.5	< 0.2	92	
2279	201	202	10	4	41	0.08	3.2	0.6	0.4	15.0	30	1.2	14.0	< 0.2	43	
2280	201	202	< 5	12	102	0.06	10.6	0.6	0.1	12.4	60	1.8	17.5	< 0.2	99	
2281	201	202	< 5	7	43	0.02	5.4	0.4	0.1	9.0	30	1.4	12.0	< 0.2	45	
2282	201	202	40	9	30	2.76	4.2	2.0	< 0.1	65.0	30	18.8	22.0	1.6	17	
2283	201	202	< 5	< 1	27	0.28	5.4	2.4	0.1	9.8	10	1.6	6.0	< 0.2	25	
2284	201	202	< 5	< 1	38	0.34	2.8	2.2	0.2	18.2	70	2.0	5.5	< 0.2	26	
2285	201	202	10	< 1	24	0.54	0.6	0.8	0.1	34.4	20	1.0	5.0	< 0.2	28	
2286	201	202	100	< 1	650	0.38	2.6	0.8	4.8	25.8	130	0.8	2.0	< 0.2	159	
2287	201	202	< 5	5	38	1.10	1.4	0.8	3.3	53.0	100	0.4	4.5	< 0.2	8	
2288	201	202	< 5	3	42	0.08	2.8	< 0.2	0.4	10.4	30	1.4	7.5	< 0.2	43	
2289	201	202	< 5	< 1	25	0.02	1.2	< 0.2	< 0.1	10.0	10	0.4	4.5	< 0.2	27	

CERTIFICATION: Stewart Bichler

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SAMPLE	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
2290	201 202	< 5	< 1	37	0.04	2.2	0.2	< 0.1	3.6	< 10	0.6	6.0	< 0.2	26
2291	201 202	< 5	4	32	0.02	5.8	0.6	< 0.1	8.0	10	2.0	9.0	< 0.2	32
2292	201 202	< 5	6	68	0.58	< 0.2	< 0.2	1.1	128.0	70	1.0	8.0	< 0.2	19
2293	201 202	< 5	2	99	0.30	1.8	0.8	1.1	72.0	80	3.4	9.0	< 0.2	28
2294	201 202	< 5	< 1	62	0.14	3.4	0.4	0.3	22.2	60	1.6	12.0	< 0.2	55
2295	201 202	< 5	< 1	40	0.06	0.6	0.6	0.2	14.4	30	0.6	4.5	0.2	42
2296	201 202	15	250	170	2.20	169.0	2.0	3.7	16.0	230	61.0	231	8.6	79
2297	201 202	< 5	6	46	0.50	38.8	0.6	1.9	126.5	60	12.0	14.0	1.2	33
2298	201 202	< 5	< 1	66	0.12	12.6	1.4	0.6	23.0	40	5.2	10.5	< 0.2	72
2299	201 202	< 5	< 1	23	0.06	2.4	0.4	< 0.1	4.8	20	0.4	5.5	< 0.2	27
3122	201 202	< 5	< 1	26	0.02	3.4	0.8	< 0.1	6.2	10	0.6	7.5	< 0.2	42
3123	201 202	< 5	5	19	< 0.02	1.0	0.6	< 0.1	1.4	20	< 0.2	5.0	< 0.2	13
3124	201 202	70	11	60	0.06	14.0	3.8	0.3	30.8	30	2.6	10.5	< 0.2	13
3125	201 202	20	8	25	0.40	1.8	0.8	0.7	115.5	50	1.6	9.0	< 0.2	14
3126	201 202	5	< 1	52	0.30	5.6	5.6	0.8	43.0	80	1.0	< 0.5	< 0.2	3
3127	201 202	< 5	4	27	0.08	2.4	0.8	0.3	31.2	30	1.8	7.0	< 0.2	22
3128	201 202	25	90	2500	2.48	81.2	4.6	27.4	164.0	350	35.2	12.0	3.4	79
3129	201 202	< 5	7	62	0.46	9.2	1.0	1.8	42.8	80	2.8	8.5	< 0.2	37
3130	201 202	10	5	62	0.16	7.0	1.6	0.2	13.6	50	4.0	10.5	< 0.2	62
3131	201 202	< 5	< 1	28	0.02	2.6	0.8	0.1	3.2	< 10	1.2	5.5	< 0.2	30
3132	201 202	< 5	4	26	0.02	2.6	0.6	< 0.1	2.8	10	0.4	6.0	< 0.2	27
3133	201 202	< 5	< 1	18	< 0.02	2.2	0.6	< 0.1	2.6	10	0.2	5.0	< 0.2	19
3134	201 202	< 5	< 1	22	0.02	3.2	0.6	< 0.1	13.2	< 10	1.6	7.5	< 0.2	23
3135	201 202	< 5	6	46	0.20	2.0	1.6	0.5	53.8	40	1.4	9.5	< 0.2	29
3136	201 202	30	8	55	0.16	5.0	1.6	0.2	41.2	80	2.0	11.5	< 0.2	32
3137	201 202	10	< 1	43	0.96	4.2	4.4	0.1	166.0	50	0.8	< 0.5	< 0.2	3
3386	201 202	< 5	15	44	3.04	7.6	2.4	0.1	101.5	70	6.6	21.5	< 0.2	22
3387	201 202	35	183	1200	7.12	198.0	3.2	1.2	52.2	350	52.4	174.5	3.2	191
3388	201 202	10	19	157	2.56	16.0	1.2	0.2	40.8	150	11.0	27.0	< 0.2	142
3389	201 202	< 5	21	250	0.20	28.8	2.2	0.3	54.8	60	22.6	30.0	0.4	158
3390	201 202	< 5	16	170	0.42	27.4	1.8	0.3	42.0	90	16.6	26.0	0.6	137
3391	201 202	15	7	93	0.30	22.0	1.4	0.1	57.0	20	26.6	14.0	0.6	105
3392	201 202	< 5	7	124	0.84	16.2	1.4	0.1	13.6	30	3.2	10.5	< 0.2	85
3393	201 202	< 5	6	41	0.02	2.2	0.8	< 0.1	6.8	10	0.2	7.5	< 0.2	36
3394	201 202	< 5	4	38	0.04	1.2	0.6	< 0.1	6.4	10	< 0.2	7.0	< 0.2	35
3395	201 202	< 5	< 1	24	0.02	1.2	0.6	< 0.1	5.6	20	0.2	6.0	< 0.2	23
3396	201 202	< 5	3	28	< 0.02	2.2	0.8	< 0.1	4.8	20	0.2	6.5	< 0.2	25
3397	201 202	< 5	5	59	0.04	6.0	1.0	< 0.1	11.4	30	0.8	8.5	< 0.2	50
3398	201 202	40	< 1	35	0.58	7.4	6.4	< 0.1	17.6	60	0.2	1.0	< 0.2	4
3399	201 202	< 5	< 1	30	0.54	5.6	5.4	< 0.1	16.6	70	0.2	< 0.5	< 0.2	2

CERTIFICATION: Stewart Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :3
Total Pages :4
Certificate Date: 30-JUL-96
Invoice No. :I9624808
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9624808

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
3411	201	202	< 5	< 1	25	0.28	1.8	2.2	< 0.1	12.0	< 10	0.2	2.5	< 0.2	15	
3412	201	202	50	< 1	39	0.22	4.0	5.0	< 0.1	17.2	10	2.0	< 0.5	< 0.2	2	
3413	201	202	< 5	< 1	31	0.08	3.2	3.0	< 0.1	7.2	10	0.8	3.0	< 0.2	9	
3414	201	202	10	< 1	40	0.08	6.2	6.2	< 0.1	10.2	40	< 0.2	< 0.5	< 0.2	3	
3415	201	202	30	45	164	3.18	12.4	0.6	1.7	121.0	240	32.0	3.0	0.6	5	
3416	201	202	10	22	54	4.30	2.8	1.2	3.1	151.5	140	3.2	< 0.5	< 0.2	1	
3417	201	202	< 5	< 1	63	0.16	5.8	0.4	0.5	19.8	10	2.4	7.0	< 0.2	63	
3418	201	202	< 5	< 1	29	0.02	2.2	0.2	< 0.1	8.4	10	0.2	4.5	< 0.2	30	
3419	201	202	< 5	5	54	0.08	8.8	1.2	< 0.1	11.8	20	4.4	12.5	< 0.2	41	
3420	201	202	< 5	2	34	0.02	4.8	0.2	< 0.1	10.4	20	0.8	6.0	< 0.2	31	
3421	201	202	< 5	< 1	63	0.16	1.0	1.0	0.3	134.5	70	0.6	4.5	< 0.2	32	
3422	201	202	< 5	8	26	0.18	2.0	0.8	0.6	44.8	50	1.4	10.5	0.2	16	
3423	201	202	10	12	64	0.02	4.6	1.4	0.1	13.8	30	1.8	14.0	< 0.2	43	
3424	201	202	10	2	13	0.02	1.0	0.6	0.1	5.6	30	0.6	6.5	< 0.2	10	
3425	201	202	< 5	8	50	0.08	8.2	0.8	0.3	14.2	30	2.0	10.0	< 0.2	45	
3426	201	202	60	< 1	26	0.14	4.4	4.4	< 0.1	5.0	30	0.2	3.0	< 0.2	7	
6923	201	202	10	15	47	1.04	5.2	1.0	3.2	172.0	60	1.0	14.5	< 0.2	23	
6924	201	202	< 5	6	82	0.20	4.4	1.6	1.2	29.8	90	3.0	8.0	< 0.2	30	
6925	201	202	< 5	3	34	< 0.02	2.0	0.2	< 0.1	6.0	10	0.2	4.0	< 0.2	35	
6926	201	202	< 5	2	27	< 0.02	1.4	0.2	< 0.1	7.2	10	0.2	4.5	< 0.2	30	
6927	201	202	< 5	< 1	25	< 0.02	2.0	< 0.2	< 0.1	4.2	< 10	0.2	4.5	< 0.2	25	
6928	201	202	< 5	3	81	< 0.02	6.6	7.6	0.3	10.2	80	< 0.2	< 0.5	< 0.2	4	
6929	201	202	< 5	16	30	0.02	2.6	0.4	0.1	11.2	10	1.8	20.5	< 0.2	31	
6930	201	202	< 5	< 1	10	0.38	< 0.2	0.4	0.3	22.0	80	0.2	0.5	< 0.2	< 1	
6931	201	202	15	< 1	42	0.02	5.0	4.2	0.2	5.0	50	0.2	4.0	< 0.2	9	
6932	201	202	< 5	10	72	0.58	1.4	1.0	7.3	107.0	60	5.2	12.5	< 0.2	47	
6933	201	202	10	2	29	0.06	3.4	0.2	0.1	17.2	10	0.8	6.0	< 0.2	29	
6934	201	202	15	4	23	0.02	1.8	0.2	0.1	2.8	10	0.2	4.5	< 0.2	23	
6935	201	202	< 5	3	26	< 0.02	2.0	0.6	< 0.1	3.6	< 10	0.2	4.5	< 0.2	26	
6936	201	202	30	5	31	0.02	3.4	0.6	< 0.1	4.4	10	0.2	5.0	< 0.2	30	
6937	201	202	< 5	12	58	0.06	9.8	0.8	< 0.1	12.4	10	4.2	11.5	< 0.2	45	
6938	201	202	< 5	5	46	0.30	2.4	0.8	1.3	46.0	50	1.0	10.0	< 0.2	19	
6939	201	202	< 5	2	45	0.14	0.8	0.2	1.5	7.2	40	0.2	5.0	< 0.2	20	
6940	201	202	10	10	87	0.32	6.6	3.0	1.4	15.6	90	0.6	9.0	< 0.2	10	
6941	201	202	10	5	133	0.26	8.6	1.2	2.6	40.8	70	6.0	6.0	< 0.2	51	
6942	201	202	15	5	121	0.20	5.0	1.0	1.6	22.0	100	5.8	10.0	< 0.2	39	
6943	201	202	65	6	67	0.78	4.6	1.4	0.5	13.2	70	7.0	14.5	< 0.2	35	
6944	201	202	< 5	9	230	0.50	20.4	1.2	0.4	38.8	30	11.8	15.5	< 0.2	172	
6945	201	202	< 5	< 1	104	0.46	5.8	1.2	0.1	26.4	20	6.6	7.5	< 0.2	100	
6946	201	202	10	14	340	0.18	33.2	1.4	0.5	57.6	50	31.4	19.5	< 0.2	294	

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Certificate Date: 30-JUL-96
Invoice No. : I9624808
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9624808

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
6947	201	202	< 5	5	77	0.08	4.8	1.4	0.1	18.2	< 10	4.4	7.0	< 0.2	70	
6948	201	202	< 5	13	22	0.14	0.8	1.2	1.1	29.2	100	0.8	15.0	< 0.2	6	
6949	201	202	< 5	31	12	0.18	1.0	0.8	1.1	102.0	30	1.2	31.0	< 0.2	6	
7376	201	202	< 5	7	35	0.06	4.8	2.2	0.1	5.4	50	0.6	8.0	< 0.2	7	
7377	201	202	< 5	< 1	61	< 0.02	6.0	6.6	0.7	7.8	60	< 0.2	< 0.5	< 0.2	4	
7378	201	202	10	< 1	31	< 0.02	5.4	5.6	< 0.1	6.8	40	0.6	3.5	< 0.2	4	
7379	201	202	< 5	< 1	22	< 0.02	3.6	2.4	< 0.1	1.8	40	< 0.2	2.0	< 0.2	13	
7380	201	202	50	< 1	53	< 0.02	8.8	7.8	< 0.1	2.2	40	< 0.2	< 0.5	< 0.2	3	
7381	201	202	15	< 1	21	< 0.02	2.8	2.6	< 0.1	1.4	50	< 0.2	1.0	< 0.2	15	
7382	201	202	30	< 1	630	< 0.02	11.0	10.4	< 0.1	< 0.2	20	2.8	< 0.5	< 0.2	10	
7383	201	202	60	< 1	420	0.28	5.2	1.6	2.6	16.4	120	10.6	0.5	< 0.2	27	
7384	201	202	15	< 1	37	0.06	4.8	4.6	< 0.1	5.0	30	0.6	< 0.5	< 0.2	1	
7385	201	202	< 5	22	18	2.50	3.8	2.8	0.2	19.8	40	7.4	21.0	0.2	3	
7386	201	202	< 5	< 1	25	0.04	3.6	3.8	< 0.1	2.2	70	< 0.2	1.0	< 0.2	2	
7387	201	202	40	< 1	15	< 0.02	7.8	1.2	< 0.1	2.4	70	0.6	5.5	< 0.2	11	
7388	201	202	< 5	< 1	17	< 0.02	2.8	2.6	< 0.1	3.2	70	< 0.2	3.0	< 0.2	5	
7389	201	202	40	< 1	30	0.02	4.6	4.0	< 0.1	6.8	70	0.2	1.5	< 0.2	2	
7390	201	202	10	< 1	560	0.18	5.8	4.8	0.4	7.2	120	2.6	< 0.5	< 0.2	11	
7391	201	202	15	< 1	46	0.04	4.4	4.2	< 0.1	5.2	30	0.2	0.5	< 0.2	3	
7392	201	202	< 5	< 1	18	0.02	3.2	2.8	< 0.1	8.2	30	1.4	4.5	< 0.2	6	
7393	201	202	10	< 1	31	< 0.02	5.6	6.0	< 0.1	5.2	70	0.8	< 0.5	< 0.2	1	
7394	201	202	10	< 1	31	< 0.02	6.2	6.6	< 0.1	3.0	60	< 0.2	< 0.5	< 0.2	2	
7395	201	202	< 5	< 1	24	< 0.02	3.0	2.4	< 0.1	1.2	50	0.2	3.0	< 0.2	9	
7396	201	202	< 5	< 1	28	0.20	2.0	1.8	0.6	10.0	130	0.4	2.5	< 0.2	3	
7397	201	202	< 5	< 1	47	0.38	3.6	3.4	0.1	81.6	70	1.6	< 0.5	< 0.2	2	
7398	201	202	< 5	< 1	1000	0.16	7.0	6.6	< 0.1	4.4	70	1.6	< 0.5	< 0.2	19	
7399	201	202	< 5	< 1	20	0.08	2.0	2.0	< 0.1	4.2	20	0.6	3.5	< 0.2	16	
7400	201	202	35	860	50	2.18	4.6	3.8	0.1	204	70	4.0	16.5	1.2	2	
7401	201	202	< 5	3	39	0.04	4.0	4.8	< 0.1	5.0	60	< 0.2	< 0.5	< 0.2	1	
7402	201	202	< 5	< 1	21	< 0.02	7.0	3.0	< 0.1	4.6	70	0.2	3.0	< 0.2	4	
7403	201	202	< 5	< 1	177	0.14	3.4	1.2	1.6	14.4	60	0.6	7.0	< 0.2	64	
7404	201	202	< 5	< 1	24	0.02	3.2	2.6	0.2	10.4	70	0.2	6.0	< 0.2	4	
7405	201	202	< 5	< 1	18	0.02	15.2	3.2	< 0.1	3.6	40	< 0.2	4.5	< 0.2	5	
7406	201	202	10	< 1	29	0.02	0.4	0.8	0.6	5.0	130	< 0.2	4.0	< 0.2	6	
7407	201	202	80	40	46	1.12	551	2.0	0.1	14.2	70	47.2	40.0	19.6	29	
7408	201	202	< 5	< 1	51	0.12	6.0	2.8	0.3	31.6	60	0.6	2.0	< 0.2	3	
7409	201	202	< 5	< 1	25	< 0.02	6.2	4.2	< 0.1	2.2	40	1.6	3.0	< 0.2	4	
7410	201	202	< 5	< 1	25	0.14	3.2	2.0	0.1	8.8	70	1.4	4.0	< 0.2	9	
7411	201	202	< 5	< 1	31	< 0.02	6.0	5.6	< 0.1	3.0	70	1.0	< 0.5	< 0.2	1	
7412	201	202	< 5	8	26	< 0.02	5.4	4.6	0.2	2.4	130	< 0.2	1.5	< 0.2	1	

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
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TORONTO, ON
M5C 2V9

A9624809

Comments: ATTN: JOHN BURGESS

CERTIFICATE A9624809

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 30-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	34	Dry, sieve to -80 mesh
202	34	save reject
3296	34	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	34	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	34	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	34	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	34	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	34	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	34	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	34	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	34	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	34	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	34	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	34	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	34	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	34	Zn ppm: Ultra trace package	EXT-ICP	1	5000

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
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1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
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Project : 40-431
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Page Number :1
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CERTIFICATE OF ANALYSIS A9624809

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
7413	201	202	< 5	< 1	25	< 0.02	4.8	4.0	< 0.1	4.4	50	< 0.2	3.0	< 0.2	3	
7414	201	202	310	< 1	53	0.14	2.6	2.6	0.5	29.4	80	0.2	0.5	< 0.2	2	
7415	201	202	15	< 1	860	0.74	6.4	3.0	1.0	17.8	140	16.2	< 0.5	< 0.2	17	
7416	201	202	10	5	21	0.02	3.8	2.4	0.1	5.2	60	0.2	5.5	< 0.2	9	
7417	201	202	< 5	< 1	50	0.02	3.8	3.2	0.3	6.4	70	0.2	0.5	< 0.2	3	
7418	201	202	< 5	< 1	27	0.10	2.8	3.2	0.1	6.2	80	1.0	< 0.5	< 0.2	1	
7419	201	202	< 5	< 1	19	0.02	5.0	5.0	< 0.1	2.6	60	0.8	< 0.5	< 0.2	1	
7420	201	202	< 5	< 1	21	< 0.02	4.8	4.4	< 0.1	3.4	100	< 0.2	< 0.5	< 0.2	1	
7421	201	202	< 5	< 1	23	< 0.02	4.8	3.0	< 0.1	3.0	40	0.2	4.5	< 0.2	7	
7422	201	202	175	< 1	44	0.36	12.6	2.8	0.1	27.2	70	2.6	6.5	< 0.2	12	
7423	201	202	10	< 1	125	0.02	1.8	1.0	0.3	6.2	110	0.6	< 0.5	< 0.2	4	
7424	201	202	10	< 1	1400	0.62	6.2	3.6	1.8	35.2	100	16.4	< 0.5	< 0.2	36	
7425	201	202	< 5	< 1	117	0.62	2.4	1.4	1.6	18.0	120	2.2	1.5	< 0.2	9	
7426	201	202	< 5	6	18	1.04	3.8	0.8	0.7	23.0	150	3.0	4.5	< 0.2	9	
7427	201	202	< 5	< 1	8	0.02	3.4	3.2	< 0.1	2.8	60	< 0.2	2.0	< 0.2	9	
7428	201	202	10	< 1	15	< 0.02	4.8	1.0	< 0.1	1.4	40	0.2	3.5	< 0.2	10	
7429	201	202	< 5	< 1	25	< 0.02	3.4	3.2	< 0.1	3.2	50	< 0.2	3.0	< 0.2	5	
7430	201	202	< 5	6	31	0.08	2.8	0.2	0.7	4.4	20	< 0.2	7.0	< 0.2	30	
7431	201	202	< 5	10	7	0.26	1.2	0.2	2.3	48.6	50	0.6	12.0	< 0.2	3	
7432	201	202	< 5	3	17	0.02	1.2	0.6	0.1	5.6	10	0.2	7.5	< 0.2	14	
7433	201	202	< 5	3	24	0.02	1.6	0.2	< 0.1	4.6	10	< 0.2	5.0	< 0.2	24	
7434	201	202	< 5	< 1	62	0.84	1.2	1.0	0.6	21.4	240	< 0.2	< 0.5	< 0.2	3	
7435	201	202	< 5	6	163	1.24	8.8	0.6	5.7	170.0	40	5.6	8.5	< 0.2	88	
7436	201	202	< 5	< 1	184	0.46	6.4	1.4	0.9	12.6	80	5.8	0.5	< 0.2	18	
7437	201	202	< 5	< 1	350	0.26	12.4	0.6	5.4	48.6	60	10.4	6.0	< 0.2	112	
7438	201	202	< 5	< 1	60	1.70	3.0	0.8	1.3	93.2	330	2.6	0.5	< 0.2	5	
7439	201	202	< 5	6	152	0.16	7.4	0.6	0.3	25.0	30	3.8	10.5	< 0.2	149	
7440	201	202	< 5	5	69	0.10	8.2	0.4	0.2	26.6	30	2.8	10.5	< 0.2	83	
7441	201	202	< 5	5	34	0.10	4.8	0.2	0.3	13.8	10	2.6	8.0	< 0.2	33	
7442	201	202	< 5	11	106	0.62	3.0	1.4	1.5	65.6	70	2.8	18.0	< 0.2	22	
7443	201	202	< 5	3	210	0.34	10.6	0.6	1.5	36.0	40	3.2	7.5	< 0.2	196	
7444	201	202	< 5	12	77	0.18	12.8	0.6	0.2	22.0	20	6.8	15.0	< 0.2	70	
7445	201	202	< 5	10	32	0.14	10.2	0.6	0.4	28.0	40	4.4	11.5	< 0.2	21	
7446	201	202	< 5	6	93	0.02	5.6	0.6	0.1	7.2	10	1.8	12.0	< 0.2	82	

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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J: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9623734

Comments: ATN: J. BURGESS

CERTIFICATE A9623734

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 29-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	67	Dry, sieve to -80 mesh
202	67	save reject
3296	67	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	67	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	67	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	67	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	67	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	67	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	67	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	67	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	67	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	67	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	67	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	67	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	67	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	67	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 28-JUL-96
Invoice No. : I9623734
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9623734

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
2073	201	202	25	3	51	1.10	3.0	2.2	0.3	60.2	30	1.8	6.0	0.6	4	
2074	201	202	< 5	6	21	0.26	6.2	3.4	< 0.1	23.0	10	0.6	7.5	< 0.2	4	
2075	201	202	< 5	< 1	41	0.38	1.4	2.2	0.1	12.0	30	0.8	3.5	< 0.2	19	
2076	201	202	< 5	< 1	29	0.30	1.8	2.0	< 0.1	6.2	10	< 0.2	4.0	< 0.2	15	
2077	201	202	680	< 1	31	0.18	7.2	7.0	< 0.1	11.0	40	< 0.2	< 0.5	< 0.2	4	
2078	201	202	35	4	36	0.36	5.2	4.4	< 0.1	12.8	40	0.8	3.5	< 0.2	6	
2079	201	202	10	3	45	0.02	1.0	0.6	< 0.1	2.8	20	< 0.2	4.0	< 0.2	35	
2080	201	202	< 5	5	47	0.14	4.2	2.2	0.2	16.0	80	1.6	4.5	< 0.2	10	
2081	201	202	< 5	9	19	0.72	1.8	1.2	1.0	21.4	150	0.8	7.5	< 0.2	37	
2082	201	202	< 5	3	18	< 0.02	2.2	0.4	< 0.1	3.0	10	0.2	3.5	< 0.2	15	
2083	201	202	< 5	7	37	< 0.02	4.6	0.8	< 0.1	8.4	10	0.8	7.0	< 0.2	28	
2084	201	202	< 5	6	141	0.66	18.4	1.8	1.3	41.8	80	4.0	5.0	< 0.2	29	
2085	201	202	< 5	5	31	0.36	1.6	1.2	0.6	55.0	100	0.2	4.5	< 0.2	11	
2086	201	202	< 5	< 1	49	0.10	3.8	3.8	< 0.1	15.8	30	< 0.2	3.5	< 0.2	12	
2087	201	202	< 5	< 1	54	0.02	4.0	3.8	0.2	6.2	30	< 0.2	< 0.5	< 0.2	3	
2088	201	202	5	< 1	36	0.32	5.4	5.0	< 0.1	12.2	40	0.6	2.0	< 0.2	3	
2089	201	202	< 5	< 1	24	0.08	5.4	4.4	< 0.1	7.0	40	0.2	3.5	< 0.2	5	
2090	201	202	< 5	< 1	36	0.06	3.8	3.0	< 0.1	7.4	30	0.2	2.0	< 0.2	8	
2091	201	202	< 5	< 1	48	0.14	2.8	2.0	< 0.1	27.6	< 10	1.2	5.0	< 0.2	15	
2092	201	202	< 5	< 1	37	0.02	1.0	1.0	< 0.1	10.4	10	0.4	1.5	< 0.2	26	
2093	201	202	10	< 1	63	0.62	5.8	4.2	0.1	20.2	40	2.2	2.0	< 0.2	4	
2094	201	202	100	5	176	1.24	1.0	0.6	4.8	78.8	100	3.8	3.0	< 0.2	29	
2095	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
2096	201	202	< 5	9	88	0.18	9.6	0.6	0.3	27.4	10	5.4	9.0	< 0.2	66	
2097	201	202	< 5	10	115	0.06	11.6	1.0	< 0.1	13.0	20	5.0	13.5	< 0.2	85	
2098	201	202	< 5	7	42	0.06	6.6	1.4	< 0.1	9.0	30	2.8	9.0	< 0.2	32	
2099	201	202	< 5	6	60	0.14	7.2	2.2	< 0.1	8.0	40	1.6	10.5	< 0.2	44	
2193	201	202	600	2	56	0.52	3.2	2.6	0.8	87.4	70	1.2	2.0	< 0.2	5	
2194	201	202	< 5	4	43	0.18	1.4	1.2	0.6	28.8	110	0.4	3.5	< 0.2	20	
3371	201	202	280	< 1	37	0.66	9.4	4.6	< 0.1	38.2	50	0.6	2.0	< 0.2	3	
3372	201	202	590	< 1	35	0.26	10.6	4.2	< 0.1	41.2	30	0.6	1.5	< 0.2	2	
3373	201	202	20	< 1	530	0.10	5.4	5.2	< 0.1	21.6	120	1.2	< 0.5	< 0.2	13	
3374	201	202	< 5	< 1	21	< 0.02	5.4	5.0	< 0.1	2.2	50	0.2	< 0.5	< 0.2	2	
3375	201	202	30	13	145	1.50	26.4	4.4	1.1	64.0	170	13.0	3.5	< 0.2	10	
3376	201	202	< 5	< 1	30	0.22	6.4	5.4	< 0.1	5.2	40	1.4	0.5	< 0.2	2	
3377	201	202	10	< 1	21	< 0.02	6.6	6.2	< 0.1	1.0	60	0.8	< 0.5	< 0.2	2	
3378	201	202	< 5	< 1	27	< 0.02	0.6	0.8	0.1	2.2	10	0.4	2.5	< 0.2	15	
3379	201	202	< 5	< 1	25	0.02	< 0.2	0.6	< 0.1	7.8	30	0.2	3.0	< 0.2	17	
3380	201	202	< 5	< 1	23	0.02	2.2	1.0	< 0.1	4.0	40	0.2	3.5	< 0.2	13	
3381	201	202	< 5	< 1	31	< 0.02	1.8	1.6	0.1	2.2	40	0.6	5.5	< 0.2	14	

CERTIFICATION: Thai D Ma

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 28-JUL-96
Invoice No. : I9623734
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9623734

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
3382	201	202	< 5	< 1	17	< 0.02	1.2	0.6	< 0.1	2.8	30	1.2	1.5	< 0.2	11	
3383	201	202	< 5	< 1	30	0.02	0.8	1.2	0.1	3.6	40	1.6	3.5	< 0.2	20	
3384	201	202	< 5	2	26	0.38	1.0	0.6	0.1	82.6	40	6.0	5.0	< 0.2	18	
7330	201	202	75	6	26	0.30	4.0	1.0	0.1	8.8	20	0.8	11.5	< 0.2	18	
7352	201	202	20	< 1	38	0.14	5.6	0.8	< 0.1	12.4	40	0.8	7.5	< 0.2	30	
7353	201	202	90	< 1	48	0.12	4.6	1.8	0.1	19.8	40	1.0	6.0	< 0.2	29	
7354	201	202	< 5	< 1	77	0.48	2.2	1.4	0.3	28.8	50	0.8	6.5	< 0.2	54	
7355	201	202	25	< 1	59	0.20	1.8	1.4	0.3	38.4	40	0.8	5.5	< 0.2	40	
7356	201	202	35	< 1	44	0.06	2.4	1.2	< 0.1	18.6	90	0.6	4.0	< 0.2	31	
7357	201	202	5	< 1	36	0.04	9.6	0.8	0.1	19.2	60	1.0	4.5	< 0.2	25	
7358	201	202	10	< 1	60	0.08	8.2	1.4	0.1	38.8	60	1.0	4.0	< 0.2	58	
7359	201	202	< 5	< 1	56	0.20	2.4	2.0	0.1	32.2	50	0.6	6.5	< 0.2	30	
7360	201	202	15	< 1	45	0.20	1.8	2.6	0.1	63.4	30	0.4	4.5	< 0.2	9	
7361	201	202	40	< 1	44	0.36	4.6	2.0	0.1	37.4	40	0.8	7.5	< 0.2	26	
7362	201	202	15	< 1	32	0.10	29.6	1.4	< 0.1	14.6	90	1.0	6.0	< 0.2	25	
7363	201	202	55	< 1	39	0.20	6.4	1.4	0.1	13.6	30	1.2	8.5	< 0.2	30	
7364	201	202	< 5	3	31	0.44	0.8	0.8	0.1	8.4	10	0.8	7.0	< 0.2	25	
7365	201	202	< 5	< 1	15	0.16	< 0.2	0.2	0.5	9.0	100	1.6	3.0	< 0.2	9	
7366	201	202	< 5	6	310	0.18	13.6	1.4	2.6	9.8	140	2.0	12.5	< 0.2	199	
7367	201	202	< 5	71	143	0.36	5.2	0.4	0.7	51.6	20	6.8	94.5	< 0.2	170	
7368	201	202	< 5	8	120	0.20	11.6	2.0	2.9	24.8	90	6.8	13.5	0.2	33	
7369	201	202	< 5	< 1	32	0.28	2.4	2.2	0.3	14.6	60	1.8	7.0	< 0.2	15	
7370	201	202	< 5	< 1	42	< 0.02	2.4	2.0	0.3	5.4	50	0.6	5.0	< 0.2	17	
7371	201	202	< 5	< 1	20	0.04	2.4	1.2	0.3	3.2	80	0.2	7.5	< 0.2	14	
7372	201	202	< 5	< 1	17	< 0.02	2.6	0.8	0.1	2.6	40	< 0.2	3.0	< 0.2	14	
7373	201	202	30	4	27	0.40	4.2	1.2	< 0.1	11.6	20	1.0	10.0	< 0.2	23	
7374	201	202	20	10	70	< 0.02	0.6	0.2	0.5	3.8	170	< 0.2	9.0	< 0.2	56	
7375	201	202	< 5	< 1	650	0.16	12.8	1.4	1.9	9.6	80	18.2	2.5	< 0.2	301	

CERTIFICATION: Thai D Ma

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5C 2V9

A9626064

Comments: ATN: J. BURGESS

CERTIFICATE A9626064

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 9-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	159	Dry, sieve to -80 mesh
202	159	save reject
238	159	Nitric-aqua-regia digestion
3296	159	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	159	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	159	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	159	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	159	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	159	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	159	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	159	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	159	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	159	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	159	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	159	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	159	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	159	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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Certificate Date: 09-AUG-96
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CERTIFICATE OF ANALYSIS A9626064

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4151	201	202	< 5	8	38	1.06	9.0	0.6	< 0.1	33.8	50	12.8	10.0	1.2	29	
4152	201	202	10	10	69	1.72	14.4	1.0	0.1	56.8	50	10.2	14.0	1.0	39	
4153	201	202	20	22	96	1.56	22.0	1.4	< 0.1	49.2	70	15.0	25.5	1.4	54	
4154	201	202	15	9	73	0.36	16.2	1.0	0.1	52.8	40	8.6	12.5	0.4	53	
4155	201	202	10	7	86	0.42	11.4	0.6	0.1	49.8	30	5.0	11.5	< 0.2	72	
4156	201	202	5	11	125	0.18	4.4	0.2	0.1	46.6	40	1.8	15.0	< 0.2	114	
4157	201	202	10	5	123	0.40	3.6	0.2	0.3	40.0	30	2.2	8.0	< 0.2	121	
4158	201	202	5	9	137	0.14	8.8	0.2	0.3	53.4	30	4.8	14.0	< 0.2	124	
4159	201	202	10	5	77	0.08	2.4	< 0.2	0.1	21.4	20	0.8	9.0	< 0.2	73	
4160	201	202	5	6	52	0.06	1.6	0.2	< 0.1	18.0	10	0.6	7.5	< 0.2	56	
4161	201	202	10	6	55	0.06	2.2	< 0.2	< 0.1	16.0	10	0.6	8.0	< 0.2	48	
4162	201	202	15	6	50	0.06	1.8	< 0.2	< 0.1	16.8	10	0.4	8.0	< 0.2	51	
4163	201	202	10	8	97	0.44	6.2	0.4	0.2	37.4	70	3.0	11.0	< 0.2	93	
4164	201	202	10	6	122	0.32	6.2	< 0.2	0.3	78.0	40	2.4	10.5	< 0.2	134	
4165	201	202	< 5	3	830	0.34	8.4	1.6	0.6	125.0	50	4.8	8.5	< 0.2	483	
4166	201	202	5	14	205	1.32	10.0	2.0	0.1	115.0	60	5.8	14.5	0.2	29	
4167	201	202	< 5	8	166	0.28	10.0	0.8	0.1	74.0	30	5.2	12.0	< 0.2	177	
4168	201	202	< 5	5	122	0.08	13.6	0.2	0.1	84.8	20	3.2	8.5	< 0.2	140	
4169	201	202	< 5	13	123	0.28	3.0	0.4	0.3	40.4	30	1.6	10.5	< 0.2	126	
4170	201	202	10	10	360	0.62	15.0	1.6	0.6	76.0	80	7.8	15.5	< 0.2	169	
4171	201	202	< 5	5	132	0.18	6.2	0.4	0.1	27.2	30	3.6	9.0	< 0.2	131	
4172	201	202	< 5	6	100	0.38	6.0	0.8	< 0.1	19.8	10	3.6	9.5	< 0.2	104	
4173	201	202	< 5	26	80	0.22	4.8	1.0	0.1	48.2	10	11.0	26.5	< 0.2	59	
4175	201	202	< 5	4	73	0.08	3.8	0.6	0.1	32.2	10	1.0	9.5	< 0.2	76	
4185	201	202	< 5	8	69	0.20	7.6	0.6	< 0.1	36.8	30	3.4	12.0	< 0.2	61	
4186	201	202	< 5	11	104	0.86	5.8	6.0	< 0.1	121.0	60	1.0	< 0.5	< 0.2	4	
4188	201	202	< 5	12	104	0.16	12.4	0.8	< 0.1	70.8	20	3.6	14.0	< 0.2	102	
4189	201	202	< 5	24	90	0.24	6.4	1.0	0.1	31.4	30	4.0	23.5	< 0.2	76	
4190	201	202	< 5	8	74	0.16	4.4	0.8	< 0.1	46.0	30	3.4	14.0	< 0.2	67	
4191	201	202	< 5	8	120	0.08	5.6	0.6	0.1	46.0	10	2.0	12.0	< 0.2	122	
4192	201	202	< 5	< 1	175	0.08	1.4	1.0	0.1	4.8	10	0.8	8.0	< 0.2	161	
4193	201	202	< 5	6	56	0.06	2.0	0.6	< 0.1	14.8	10	0.6	8.5	< 0.2	53	
7867	201	202	< 5	14	205	0.52	5.8	1.2	2.0	50.2	190	5.6	16.0	< 0.2	62	
7868	201	202	< 5	< 1	51	0.10	3.2	2.2	0.2	57.4	50	1.0	3.5	< 0.2	25	
7869	201	202	< 5	2	84	0.40	8.4	1.8	0.4	73.4	90	2.2	7.0	< 0.2	41	
7870	201	202	< 5	< 1	75	0.10	10.6	1.0	0.1	49.8	40	1.8	6.5	< 0.2	66	
7871	201	202	< 5	4	181	0.34	2.8	1.2	0.6	73.0	80	2.2	8.5	< 0.2	73	
7872	201	202	< 5	< 1	18	0.26	< 0.2	1.0	0.3	52.6	10	0.6	3.5	< 0.2	4	
7873	201	202	< 5	2	57	0.10	1.8	0.8	0.4	13.8	130	0.4	5.5	< 0.2	24	
7874	201	202	< 5	10	44	0.12	0.4	1.0	0.5	47.8	110	0.6	6.0	< 0.2	22	

CERTIFICATION: Ian Bickles

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 09-AUG-96
Invoice No. :I9626064
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626064

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
7875	201	202	< 5	< 1	103	0.06	7.2	1.6	0.6	50.6	40	2.4	4.5	< 0.2	51	
7876	201	202	< 5	< 1	16	0.02	6.0	0.4	0.1	2.4	10	0.6	1.5	< 0.2	13	
7877	201	202	< 5	< 1	24	< 0.02	12.0	4.8	< 0.1	12.4	20	0.6	1.5	< 0.2	4	
7878	201	202	< 5	< 1	21	< 0.02	17.8	5.0	< 0.1	7.0	< 10	0.6	1.5	< 0.2	3	
7879	201	202	< 5	< 1	400	0.18	6.0	1.0	1.2	86.0	130	1.4	2.5	< 0.2	290	
7880	201	202	< 5	3	18	0.18	0.8	1.2	0.4	69.6	190	0.6	7.5	< 0.2	9	
7881	201	202	< 5	5	45	0.12	7.2	0.2	0.3	241	30	0.8	9.5	< 0.2	31	
7882	201	202	< 5	7	28	0.08	2.2	0.4	< 0.1	112.5	20	1.0	9.5	< 0.2	21	
7883	201	202	< 5	< 1	59	0.06	13.6	0.4	< 0.1	55.4	30	1.2	6.5	< 0.2	48	
7884	201	202	< 5	< 1	87	0.16	2.6	3.2	0.2	119.5	60	< 0.2	< 0.5	< 0.2	4	
7885	201	202	< 5	< 1	28	0.04	3.2	4.0	< 0.1	136.5	50	< 0.2	0.5	< 0.2	3	
7886	201	202	25	< 1	24	0.04	5.0	4.8	< 0.1	6.4	40	< 0.2	2.0	< 0.2	3	
7887	201	202	< 5	< 1	36	0.14	0.6	1.4	0.4	1.6	80	0.4	1.5	< 0.2	12	
7888	201	202	70	300	20	7.88	4.6	1.8	< 0.1	67.0	90	31.4	262	6.6	7	
7889	201	202	< 5	3	48	0.34	1.8	0.6	< 0.1	17.8	50	1.6	16.0	< 0.2	53	
7890	201	202	< 5	11	32	0.10	6.8	4.6	< 0.1	10.0	20	0.2	17.5	< 0.2	5	
7891	201	202	25	35	75	0.08	207	2.6	0.2	43.2	20	17.2	33.5	4.4	6	
7892	201	202	< 5	< 1	47	0.04	6.8	3.4	0.1	5.0	30	0.8	4.0	< 0.2	13	
7893	201	202	< 5	< 1	16	0.08	0.8	0.6	0.3	11.8	60	0.8	2.0	< 0.2	7	
7894	201	202	< 5	< 1	19	0.06	0.6	0.8	0.3	2.8	80	1.0	2.0	< 0.2	8	
7895	201	202	< 5	< 1	76	0.06	1.4	1.8	0.6	1.0	100	0.8	1.5	< 0.2	18	
7896	201	202	< 5	14	1100	0.32	3.8	2.4	13.5	120.0	100	2.8	6.0	< 0.2	67	
7897	201	202	< 5	8	111	0.16	2.6	1.0	0.5	28.4	100	1.4	14.5	< 0.2	100	
7898	201	202	70	< 1	50	0.02	5.0	2.8	< 0.1	6.4	30	1.0	10.5	< 0.2	27	
7899	201	202	< 5	6	23	0.04	8.4	0.6	< 0.1	3.2	10	1.0	10.5	< 0.2	17	
7985	201	202	< 5	< 1	340	0.12	6.6	6.4	< 0.1	43.2	30	4.2	< 0.5	< 0.2	6	
7986	201	202	15	42	310	2.82	31.4	3.4	0.6	82.0	160	9.8	21.0	1.8	22	
7987	201	202	10	20	52	5.94	10.2	3.4	0.1	48.8	190	5.6	7.5	< 0.2	4	
7988	201	202	< 5	< 1	68	0.50	1.6	1.8	< 0.1	139.5	10	0.2	4.0	< 0.2	54	
7989	201	202	< 5	< 1	128	0.12	4.0	1.8	0.1	84.0	30	4.8	9.0	< 0.2	87	
7990	201	202	< 5	< 1	24	0.14	5.0	5.6	< 0.1	43.4	40	< 0.2	< 0.5	< 0.2	3	
7991	201	202	< 5	9	900	0.18	1.4	1.6	3.2	110.0	60	0.2	18.0	< 0.2	568	
7992	201	202	< 5	< 1	50	0.36	0.6	1.0	0.5	76.6	150	0.6	7.5	< 0.2	29	
7993	201	202	< 5	12	128	0.16	4.4	1.2	0.4	75.2	40	1.8	22.5	< 0.2	127	
7994	201	202	< 5	2	82	0.36	2.0	1.0	0.3	191.0	150	1.2	8.5	< 0.2	28	
7995	201	202	< 5	< 1	18	0.18	< 0.2	0.8	0.5	53.2	140	0.6	2.0	< 0.2	6	
7996	201	202	< 5	< 1	111	0.24	3.0	0.8	0.5	61.6	60	1.6	10.0	< 0.2	99	
7997	201	202	< 5	< 1	97	0.12	2.6	0.8	0.2	33.6	60	0.8	9.0	< 0.2	95	
7998	201	202	< 5	< 1	109	0.12	2.2	0.6	0.2	39.6	50	0.6	8.0	< 0.2	88	
7999	201	202	< 5	< 1	144	0.14	2.6	1.0	0.3	50.8	50	0.6	6.5	< 0.2	113	

CERTIFICATION: David Fuller

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ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 09-AUG-96
Invoice No. : I9626064
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626064

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
8675	201	202	< 5	2	45	0.06	2.0	0.4	< 0.1	20.4	20	0.4	7.5	< 0.2	53	
8676	201	202	< 5	4	32	0.06	1.2	0.2	< 0.1	12.2	10	0.4	6.0	< 0.2	31	
8677	201	202	< 5	4	44	0.08	1.4	0.2	< 0.1	15.2	10	0.2	5.5	< 0.2	31	
8678	201	202	< 5	2	25	0.30	14.0	9.2	0.1	473	< 10	0.6	9.5	< 0.2	16	
8679	201	202	< 5	3	60	0.28	1.6	1.8	1.2	43.0	140	0.8	3.5	< 0.2	35	
8680	201	202	< 5	12	109	0.12	3.8	1.0	0.5	36.0	40	1.0	20.0	< 0.2	105	
8681	201	202	< 5	21	99	0.14	1.6	0.6	0.5	31.2	30	2.0	30.0	< 0.2	88	
8682	201	202	< 5	8	109	0.24	3.6	0.6	0.9	36.8	30	1.6	13.0	< 0.2	96	
8683	201	202	< 5	9	82	0.08	2.2	0.6	0.1	21.2	10	0.6	6.0	< 0.2	71	
8684	201	202	< 5	2	70	0.08	2.2	0.6	0.1	14.4	20	0.6	6.5	< 0.2	50	
8685	201	202	< 5	< 1	59	0.10	2.2	0.4	0.4	21.4	10	0.4	6.5	< 0.2	41	
8686	201	202	< 5	4	52	0.06	2.8	0.6	0.1	22.8	20	0.8	6.5	< 0.2	47	
8687	201	202	< 5	< 1	60	0.10	1.2	0.4	0.2	24.2	40	0.2	4.5	< 0.2	42	
8688	201	202	< 5	5	130	0.22	3.0	0.6	0.5	78.6	60	1.0	8.5	< 0.2	106	
8689	201	202	< 5	5	46	0.04	1.4	0.2	< 0.1	23.6	10	0.4	7.0	< 0.2	47	
8690	201	202	< 5	3	45	0.30	0.2	0.2	0.8	85.6	180	1.0	3.0	< 0.2	35	
8691	201	202	< 5	3	47	0.08	2.2	0.2	0.1	24.8	< 10	0.4	6.0	< 0.2	46	
8692	201	202	< 5	4	32	0.06	1.6	0.6	0.1	14.2	10	2.0	10.0	< 0.2	27	
8693	201	202	< 5	< 1	56	0.16	17.0	1.6	0.3	101.0	60	0.6	4.0	< 0.2	20	
8694	201	202	< 5	6	78	0.18	4.8	0.4	0.1	40.8	30	0.6	6.0	< 0.2	68	
8695	201	202	< 5	5	50	0.08	2.2	0.2	< 0.1	31.0	10	0.6	8.5	< 0.2	44	
8696	201	202	< 5	2	47	0.02	2.8	0.6	< 0.1	15.4	10	0.2	7.0	< 0.2	44	
8697	201	202	< 5	4	129	0.06	10.2	0.6	0.1	101.0	20	0.8	12.0	< 0.2	106	
8698	201	202	< 5	7	230	0.74	3.6	1.4	1.4	84.0	140	2.4	7.5	< 0.2	91	
8699	201	202	< 5	5	600	1.18	4.2	1.2	9.3	107.5	220	3.0	8.0	< 0.2	253	
8700	201	202	< 5	8	75	0.06	5.0	0.8	0.3	30.4	10	0.8	11.5	< 0.2	66	
8701	201	202	< 5	2	74	0.10	2.8	0.8	0.1	47.2	50	0.2	6.0	< 0.2	34	
8702	201	202	< 5	2	66	0.10	3.8	0.2	0.1	53.4	10	0.2	5.5	< 0.2	54	
8703	201	202	< 5	7	80	0.08	2.8	0.8	0.1	50.2	10	0.6	13.0	< 0.2	76	
8704	201	202	< 5	< 1	96	0.04	6.0	0.6	< 0.1	76.2	10	0.6	4.5	< 0.2	74	
8705	201	202	< 5	< 1	59	0.06	2.8	0.4	0.1	41.2	10	0.6	5.0	< 0.2	57	
8706	201	202	< 5	< 1	270	0.14	4.2	1.6	0.6	123.0	40	0.6	6.5	< 0.2	218	
8707	201	202	< 5	< 1	80	0.08	6.2	2.0	0.1	54.8	40	0.8	5.5	< 0.2	67	
8708	201	202	< 5	88	59	0.80	187.0	1.8	< 0.1	40.8	280	37.6	92.5	35.2	46	
8709	201	202	5	51	75	1.00	10.6	6.4	< 0.1	94.6	140	1.2	3.0	0.2	5	
8710	201	202	< 5	25	43	3.14	241	2.2	< 0.1	59.6	50	13.4	33.5	7.6	13	
8711	201	202	< 5	7	39	0.36	12.0	1.6	0.3	38.4	60	1.4	15.0	< 0.2	20	
8712	201	202	< 5	6	41	0.08	8.0	1.0	0.1	19.6	20	1.0	10.5	< 0.2	35	
8713	201	202	< 5	7	26	0.28	3.2	1.2	0.8	45.2	70	0.8	10.5	< 0.2	10	
8714	201	202	< 5	3	52	0.06	10.0	1.4	0.1	18.8	20	1.0	9.5	< 0.2	42	

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
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M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 09-AUG-96
Invoice No. : I9626064
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626064

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
8715	201	202	< 5	6	94	0.02	9.2	1.2	0.1	49.6	40	0.6	10.0	< 0.2	68	
8716	201	202	< 5	7	98	< 0.02	2.8	0.2	0.1	28.0	10	0.6	9.5	< 0.2	93	
8717	201	202	< 5	< 1	93	0.30	2.0	1.6	1.9	182.0	140	1.4	5.0	< 0.2	51	
8718	201	202	< 5	< 1	26	0.02	4.0	1.2	0.5	8.6	90	0.4	7.0	< 0.2	14	
8719	201	202	< 5	< 1	26	0.08	4.0	1.8	0.2	9.6	70	0.2	9.0	< 0.2	12	
8720	201	202	< 5	< 1	21	< 0.02	1.4	0.6	< 0.1	3.2	10	1.4	6.0	< 0.2	14	
8721	201	202	< 5	5	36	< 0.02	4.6	0.2	< 0.1	14.0	10	0.8	7.0	< 0.2	35	
8722	201	202	< 5	3	43	0.08	0.4	< 0.2	< 0.1	9.2	30	0.4	5.0	< 0.2	31	
8723	201	202	< 5	3	31	< 0.02	1.6	0.2	< 0.1	12.4	10	0.4	6.5	< 0.2	38	
8724	201	202	< 5	2	30	< 0.02	0.8	0.2	< 0.1	6.6	10	0.4	5.5	< 0.2	24	
8725	201	202	< 5	2	44	0.02	1.8	0.2	< 0.1	13.6	10	0.4	5.5	< 0.2	38	
8726	201	202	< 5	4	42	0.02	1.8	< 0.2	< 0.1	12.2	10	0.4	6.0	< 0.2	37	
8727	201	202	< 5	3	57	0.16	1.4	0.2	< 0.1	18.8	70	0.8	8.5	< 0.2	48	
8728	201	202	< 5	6	41	0.04	0.8	0.2	0.1	7.6	40	0.6	7.0	< 0.2	37	
8729	201	202	< 5	8	21	0.06	0.2	0.6	0.3	10.2	150	0.2	8.0	< 0.2	13	
8730	201	202	< 5	18	186	0.08	2.0	0.8	1.7	22.2	150	1.0	20.5	< 0.2	134	
8731	201	202	< 5	42	730	0.20	5.4	1.8	7.6	60.6	200	1.8	40.5	< 0.2	361	
8732	201	202	< 5	34	1250	0.32	4.6	1.8	15.0	94.2	< 10	2.4	41.0	< 0.2	540	
8733	201	202	< 5	5	99	0.18	1.2	1.8	1.1	35.6	80	1.4	9.5	< 0.2	60	
8734	201	202	< 5	7	56	0.10	1.4	0.4	0.1	5.0	10	1.4	9.0	< 0.2	64	
8735	201	202	10	14	53	0.08	245	1.2	< 0.1	11.6	10	23.4	18.0	4.6	50	
8736	201	202	< 5	< 1	97	0.28	3.8	0.2	0.3	8.4	30	1.0	6.0	< 0.2	94	
8737	201	202	< 5	< 1	137	0.12	2.2	0.8	0.1	13.6	40	1.2	3.0	< 0.2	132	
8738	201	202	< 5	2	65	0.06	11.4	0.6	< 0.1	10.2	30	4.0	7.5	< 0.2	61	
8739	201	202	< 5	4	280	0.16	8.8	0.4	0.6	96.6	40	3.4	15.0	< 0.2	324	
8740	201	202	< 5	4	780	0.60	6.0	2.8	3.2	56.4	160	1.4	5.5	< 0.2	257	
8741	201	202	< 5	< 1	54	0.06	< 0.2	1.2	0.3	7.8	60	0.2	3.0	< 0.2	31	
8742	201	202	< 5	< 1	19	< 0.02	28.4	1.4	< 0.1	17.2	30	0.2	1.5	< 0.2	12	
8743	201	202	< 5	< 1	71	< 0.02	0.8	0.2	< 0.1	68.8	30	0.2	3.5	< 0.2	53	
8744	201	202	< 5	< 1	43	0.04	1.6	0.8	0.1	51.0	20	1.4	2.0	< 0.2	37	
8745	201	202	< 5	< 1	23	< 0.02	4.4	1.0	< 0.1	37.8	30	< 0.2	2.0	< 0.2	15	
8746	201	202	< 5	< 1	15	< 0.02	1.6	1.4	0.1	7.8	70	0.2	0.5	< 0.2	5	
8747	201	202	< 5	< 1	12	0.02	1.2	0.6	0.1	59.8	90	0.2	0.5	< 0.2	3	
8748	201	202	< 5	< 1	10	0.08	1.6	0.4	0.5	113.0	140	0.4	0.5	< 0.2	3	
8749	201	202	< 5	< 1	6	0.12	< 0.2	0.8	0.5	50.4	150	0.2	0.5	< 0.2	2	
8770	201	202	< 5	< 1	154	0.06	5.2	1.2	< 0.1	53.2	30	0.6	3.5	1.2	92	
8771	201	202	< 5	< 1	142	0.02	7.0	1.2	< 0.1	45.4	30	0.6	4.5	< 0.2	83	
8772	201	202	< 5	< 1	175	< 0.02	6.4	5.8	< 0.1	36.6	30	< 0.2	< 0.5	< 0.2	5	
8773	201	202	< 5	6	89	0.18	5.0	1.0	1.8	224	100	0.6	8.5	< 0.2	25	
8774	--	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	

CERTIFICATION:

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TORONTO, ON
M5C 2V9

A9626635

Comments: ATN: J. BURGESS

CERTIFICATE A9626635

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	53	Dry, sieve to -80 mesh
202	53	save reject
238	53	Nitric-aqua-regia digestion
3296	52	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	53	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	53	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	53	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	52	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	52	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	52	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	52	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	52	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	52	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	52	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	52	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	52	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	52	Zn ppm: Ultra trace package	EXT-ICP	1	5000

REÇU/RECEIVED
28 -08- 1996

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :1
Total :2
Certificate Date: 21-AUG-96
Invoice No. :I9626635
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626635

SAMPLE	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
7974	201 202	< 5	< 1	40	0.14	1.6	0.2	0.2	95.2	50	0.6	5.0	< 0.2	34	
7975	201 202	< 5	16	57	0.36	1.8	0.6	< 0.1	19.6	30	4.8	19.0	< 0.2	55	
7976	201 202	< 5	< 1	28	0.08	0.2	0.2	0.3	22.6	90	0.2	2.5	< 0.2	9	
7977	201 202	< 5	3	78	3.26	171.0	1.0	< 0.1	17.4	20	44.6	3.5	7.6	63	
7978	201 202	< 5	4	370	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	
7979	201 202	< 5	6	50	0.02	2.8	< 0.2	< 0.1	20.0	20	0.8	7.5	< 0.2	38	
7980	201 202	< 5	10	56	0.06	3.0	0.2	< 0.1	22.6	10	0.8	9.5	< 0.2	52	
7981	201 202	< 5	< 1	1200	0.14	4.2	1.2	4.5	151.0	40	2.0	5.5	< 0.2	1215	
7982	201 202	< 5	< 1	860	0.12	2.6	1.4	3.6	38.8	60	1.2	4.0	< 0.2	545	
7983	201 202	< 5	8	160	0.14	6.8	< 0.2	0.4	58.0	30	2.6	16.5	< 0.2	215	
7984	201 202	< 5	4	230	0.16	8.0	0.8	0.2	55.2	30	3.2	9.0	< 0.2	282	
8751	201 202	< 5	11	81	1.42	12.8	0.2	0.1	42.8	40	10.0	19.0	< 0.2	93	
8752	201 202	< 5	14	63	1.04	4.2	< 0.2	0.1	31.0	40	3.2	12.0	< 0.2	77	
8753	201 202	< 5	8	43	0.10	7.4	< 0.2	< 0.1	19.8	30	1.8	11.0	< 0.2	49	
8754	201 202	< 5	18	90	0.10	3.6	< 0.2	0.1	39.4	10	2.4	20.5	< 0.2	105	
8756	201 202	< 5	< 1	71	0.14	7.0	1.6	< 0.1	131.5	20	1.2	6.0	< 0.2	54	
8757	201 202	< 5	7	70	0.08	3.0	< 0.2	< 0.1	107.0	< 10	0.6	4.0	< 0.2	68	
8758	201 202	< 5	< 1	72	0.02	1.0	< 0.2	0.1	157.5	< 10	0.6	4.5	< 0.2	92	
8759	201 202	< 5	9	95	0.38	11.4	0.8	< 0.1	103.0	20	13.8	17.0	1.0	99	
8761	201 202	< 5	< 1	28	0.06	8.0	< 0.2	< 0.1	30.8	20	1.2	3.5	< 0.2	29	
8762	201 202	< 5	8	950	0.22	4.8	0.2	4.7	137.5	110	1.4	13.0	< 0.2	915	
8763	201 202	< 5	2	69	0.20	2.6	< 0.2	0.1	69.4	100	1.0	8.5	< 0.2	75	
8764	201 202	< 5	5	130	0.20	35.4	< 0.2	0.7	358	60	1.8	7.5	< 0.2	124	
8766	201 202	< 5	10	36	0.08	3.6	< 0.2	< 0.1	12.8	< 10	1.4	11.0	< 0.2	32	
8767	201 202	< 5	2	320	0.10	6.2	< 0.2	0.6	180.0	30	2.2	15.5	< 0.2	358	
8768	201 202	< 5	4	98	0.10	4.0	< 0.2	0.4	41.8	20	1.0	9.0	< 0.2	108	
8769	201 202	< 5	6	500	0.66	3.6	0.8	5.0	46.0	50	0.8	15.0	< 0.2	376	
8918	201 202	< 5	9	92	0.72	9.4	< 0.2	0.1	59.8	60	4.6	14.0	< 0.2	96	
8919	201 202	< 5	8	105	0.12	22.6	< 0.2	< 0.1	34.0	30	7.0	14.0	< 0.2	112	
8920	201 202	< 5	12	138	0.58	15.6	< 0.2	0.1	52.0	50	7.0	14.5	< 0.2	147	
8921	201 202	< 5	9	74	1.28	10.8	0.2	< 0.1	47.6	40	4.2	14.0	< 0.2	73	
8922	201 202	< 5	28	1450	0.12	9.8	1.4	3.5	156.5	30	2.2	39.0	< 0.2	253	
8923	201 202	< 5	21	1250	0.08	19.8	1.4	3.6	161.0	30	2.8	43.5	< 0.2	618	
8924	201 202	< 5	14	490	0.04	7.4	0.2	0.9	44.6	30	2.4	18.5	< 0.2	481	
8925	201 202	< 5	22	400	0.08	18.4	0.6	1.1	115.0	70	1.8	28.5	< 0.2	328	
8926	201 202	< 5	20	230	0.06	6.8	< 0.2	0.4	20.6	40	2.8	24.0	< 0.2	243	
8927	201 202	< 5	< 1	70	< 0.02	1.4	< 0.2	< 0.1	18.2	10	0.8	3.0	< 0.2	75	
8928	201 202	< 5	9	65	0.24	1.2	< 0.2	< 0.1	5.0	30	1.2	10.5	< 0.2	58	
8929	201 202	< 5	5	88	0.02	1.2	< 0.2	0.1	5.6	< 10	3.0	8.5	< 0.2	102	
8930	201 202	< 5	34	1600	0.10	4.4	0.8	4.5	208	60	3.6	14.5	< 0.2	61	

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page : 2
Total : 2
Certificate Date: 21-AUG-96
Invoice No. : I9626635
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626635

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
8931	201	202	< 5	13	1550	0.50	4.8	0.2	10.7	231	100	2.2	18.0	< 0.2	1190	
8932	201	202	< 5	24	630	3.48	2.4	0.8	4.7	406	120	2.8	34.0	< 0.2	379	
8933	201	202	120	102	16	3.84	164.0	0.4	< 0.1	9.0	60	41.8	102.5	50.0	16	
8935	201	202	10	4	11	0.14	1.4	< 0.2	0.2	9.8	130	0.6	4.0	< 0.2	7	
8936	201	202	< 5	9	198	0.06	< 0.2	< 0.2	1.2	24.6	40	0.2	8.0	< 0.2	189	
8937	201	202	< 5	< 1	33	0.50	1.4	1.8	< 0.1	12.0	40	< 0.2	4.5	< 0.2	13	
8971	201	202	< 5	12	40	0.12	9.8	< 0.2	< 0.1	34.2	10	3.0	12.0	< 0.2	44	
8972	201	202	< 5	4	38	0.80	4.2	< 0.2	< 0.1	22.2	40	1.4	7.0	< 0.2	39	
8973	201	202	< 5	5	360	0.98	3.8	0.6	0.9	105.0	90	2.2	11.5	< 0.2	398	
8974	201	202	< 5	8	128	0.14	3.8	< 0.2	0.1	35.6	20	2.2	12.5	< 0.2	155	
8975	201	202	< 5	< 1	52	0.02	5.2	1.6	< 0.1	25.6	10	1.0	3.5	< 0.2	25	
8976	201	202	< 5	< 1	42	0.24	1.0	1.6	< 0.1	27.2	30	0.6	3.0	< 0.2	13	
8977	201	202	< 5	7	600	1.76	3.8	0.4	2.4	165.0	200	7.0	10.0	< 0.2	496	

CERTIFICATION: Ian Bristow

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
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1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9626065

Comments: ATN: J. BURGESS

CERTIFICATE A9626065

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 9-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	80	Dry, sieve to -80 mesh
202	80	save reject
238	80	Nitric-aqua-regia digestion
3296	80	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	80	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	80	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	80	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	80	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	80	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	80	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	80	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	80	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	80	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	80	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	80	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	80	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	80	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9626065

SAMPLE	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
8775	201 202	< 5	18	61	0.54	14.6	0.8	< 0.1	43.8	60	4.0	16.0	1.6	36	
8776	201 202	< 5	39	71	0.40	18.8	0.4	< 0.1	41.4	80	4.4	28.0	2.6	59	
8777	201 202	< 5	< 1	101	0.02	14.2	0.4	< 0.1	45.4	70	1.0	7.0	< 0.2	88	
8778	201 202	< 5	< 1	63	< 0.02	3.0	0.2	< 0.1	185.5	30	0.4	5.0	< 0.2	59	
8779	201 202	< 5	< 1	58	< 0.02	3.2	0.4	< 0.1	27.0	10	0.4	4.5	< 0.2	51	
8780	201 202	< 5	10	305	0.26	5.8	4.4	< 0.1	71.2	60	1.6	1.5	< 0.2	13	
8781	201 202	< 5	24	890	0.50	7.2	5.4	0.3	94.0	80	1.0	< 0.5	< 0.2	15	
8782	201 202	< 5	4	220	0.26	2.0	1.0	0.8	103.0	90	1.4	5.5	< 0.2	150	
8783	201 202	< 5	3	630	0.40	2.6	1.4	3.2	74.6	130	3.2	5.5	< 0.2	226	
8784	201 202	< 5	5	137	0.12	1.4	1.0	0.9	29.8	100	1.0	7.0	< 0.2	67	
8785	201 202	< 5	2	62	1.22	9.2	0.8	0.1	22.8	40	2.6	7.5	< 0.2	48	
8786	201 202	10	3	172	0.66	1.2	0.8	0.8	76.4	200	0.8	7.0	< 0.2	88	
8787	201 202	< 5	45	285	1.38	2.8	3.8	2.9	122.0	90	29.4	36.0	5.8	156	
8788	201 202	< 5	3	1150	0.64	15.0	3.4	13.6	128.0	100	7.2	11.0	< 0.2	717	
8789	201 202	< 5	12	80	1.20	8.0	3.4	0.1	46.2	130	0.8	8.5	< 0.2	17	
8790	201 202	< 5	3	67	0.16	3.0	1.0	0.1	42.6	30	0.8	8.0	< 0.2	60	
8791	201 202	< 5	6	188	1.04	2.0	1.6	2.2	71.6	70	1.4	10.0	0.2	114	
8793	201 202	< 5	6	30	0.02	2.0	0.2	0.1	7.2	10	0.2	7.0	< 0.2	23	
8794	201 202	< 5	4	71	0.02	1.8	0.4	0.1	12.8	20	0.6	5.5	< 0.2	55	
8795	201 202	< 5	2	59	< 0.02	1.6	0.2	< 0.1	10.4	10	0.6	6.0	< 0.2	49	
8796	201 202	< 5	2	71	0.30	1.0	0.6	0.4	40.6	140	0.6	5.0	< 0.2	22	
8797	201 202	< 5	5	67	0.32	1.6	0.6	0.4	57.8	130	1.2	7.0	< 0.2	38	
8798	201 202	< 5	2	58	0.04	2.0	0.4	< 0.1	16.4	10	0.6	6.5	< 0.2	51	
8799	201 202	< 5	< 1	37	0.02	1.6	0.2	< 0.1	12.2	10	0.4	5.5	< 0.2	33	
8867	201 202	< 5	< 1	42	0.08	2.0	0.6	< 0.1	31.4	40	0.8	4.0	< 0.2	32	
8868	201 202	< 5	< 1	18	< 0.02	0.4	0.6	< 0.1	9.0	10	0.4	1.5	< 0.2	11	
8869	201 202	15	275	96	2.30	183.5	3.0	< 0.1	16.6	90	93.8	235	15.8	100	
8870	201 202	< 5	12	143	0.50	13.6	0.4	0.3	49.0	30	4.0	20.0	< 0.2	140	
8871	201 202	< 5	48	156	0.14	31.6	0.8	0.3	37.2	40	17.2	41.5	0.6	141	
8872	201 202	< 5	15	83	0.58	5.6	0.2	< 0.1	42.4	40	2.2	17.5	< 0.2	72	
8873	201 202	< 5	9	55	0.20	3.4	0.4	< 0.1	29.4	30	1.8	13.0	< 0.2	48	
8874	201 202	< 5	7	49	0.12	3.8	0.2	< 0.1	15.0	20	1.2	11.0	< 0.2	45	
8875	201 202	< 5	< 1	45	0.10	2.2	0.6	< 0.1	59.4	40	2.8	5.0	< 0.2	37	
8876	201 202	< 5	< 1	21	< 0.02	4.6	0.8	< 0.1	3.4	50	0.2	2.5	< 0.2	12	
8877	201 202	< 5	8	85	0.06	3.6	0.2	< 0.1	28.8	30	1.4	9.5	< 0.2	86	
8878	201 202	< 5	6	87	0.28	2.2	0.2	0.1	21.2	60	1.0	9.5	< 0.2	74	
8879	201 202	< 5	< 1	15	< 0.02	6.4	1.0	< 0.1	2.4	40	< 0.2	1.5	< 0.2	8	
8880	201 202	< 5	11	92	0.06	2.4	1.0	0.2	8.8	60	0.6	10.0	< 0.2	41	
8881	201 202	< 5	12	39	0.10	2.6	0.6	0.5	18.6	30	2.2	9.5	< 0.2	26	
8882	201 202	< 5	23	80	0.02	4.0	0.6	< 0.1	48.4	30	2.8	18.0	< 0.2	61	

CERTIFICATION: Hart Bichler

* DETECTION LIMITS ON SAMPLE 8944 ARE HIGHER DUE TO LOWER SAMPLE WEIGHT

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : 40-431
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CERTIFICATE OF ANALYSIS A9626065

SAMPLE	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8883	201 202	< 5	7	53	< 0.02	2.8	0.2	< 0.1	17.4	20	0.6	7.5	< 0.2	42
8884	201 202	< 5	5	41	< 0.02	0.8	< 0.2	< 0.1	8.6	10	0.2	5.5	< 0.2	30
8885	201 202	< 5	4	42	< 0.02	1.8	0.2	< 0.1	12.0	10	0.2	5.0	< 0.2	35
8886	201 202	< 5	3	40	< 0.02	1.4	0.2	< 0.1	11.2	10	0.4	5.5	< 0.2	33
8887	201 202	< 5	12	51	0.20	1.6	0.4	0.2	10.2	40	1.0	12.0	< 0.2	36
8888	201 202	< 5	10	31	0.06	0.8	0.2	0.2	36.6	40	0.8	9.0	< 0.2	21
8889	201 202	< 5	6	25	0.10	1.4	0.6	0.7	33.4	70	0.6	5.5	< 0.2	10
8890	201 202	< 5	23	33	0.26	< 0.2	0.6	3.0	82.6	50	0.4	20.0	< 0.2	18
8938	201 202	< 5	10	470	0.08	0.8	0.6	1.9	51.0	50	0.2	11.0	< 0.2	395
8939	201 202	< 5	< 1	500	0.18	2.6	1.2	3.0	127.0	100	1.2	3.5	< 0.2	326
8940	201 202	< 5	< 1	860	0.12	3.0	0.6	5.6	362	50	0.8	4.0	< 0.2	613
8941	201 202	< 5	< 1	510	0.12	4.2	1.2	2.6	85.4	200	1.6	4.5	< 0.2	284
8942	201 202	< 5	12	85	0.26	3.2	0.8	< 0.1	19.6	10	7.4	16.5	1.0	73
8943	201 202	< 5	5	51	0.10	1.8	0.2	< 0.1	40.8	40	0.8	4.5	< 0.2	30
8944	201 202	20	4	30	0.04	0.4	0.8	0.2	10.4	140	< 0.4	5.0	< 0.4	20
8945	201 202	< 5	4	40	0.02	6.0	0.2	< 0.1	11.2	30	0.6	6.0	< 0.2	33
8946	201 202	< 5	9	63	0.30	2.2	1.6	0.3	48.8	60	0.8	11.5	< 0.2	39
8947	201 202	< 5	3	69	0.08	2.6	0.8	0.2	40.4	40	0.4	6.0	< 0.2	46
8948	201 202	< 5	14	144	0.40	2.4	0.6	1.2	57.2	200	1.6	11.5	< 0.2	88
8949	201 202	< 5	11	70	0.38	1.6	1.2	0.7	49.8	170	1.4	5.0	< 0.2	19
8979	201 202	< 5	47	143	0.92	73.0	2.2	0.9	69.0	60	12.4	43.5	2.8	98
8980	201 202	< 5	46	45	2.62	134.0	1.2	0.1	19.0	140	26.0	44.5	30.0	37
8981	201 202	< 5	25	360	1.90	81.6	1.6	0.2	81.8	80	17.4	32.0	18.6	39
8982	201 202	< 5	17	106	0.66	11.2	3.0	0.3	147.5	60	4.6	13.5	1.0	44
8984	201 202	< 5	< 1	96	0.10	2.8	0.2	< 0.1	21.0	10	0.2	1.5	< 0.2	76
8985	201 202	< 5	< 1	68	0.10	3.0	1.2	0.7	19.6	90	0.6	3.0	< 0.2	23
8986	201 202	< 5	10	240	0.08	14.6	0.4	0.5	38.8	30	3.6	12.0	< 0.2	280
8987	201 202	< 5	4	50	0.22	1.6	0.6	0.5	33.6	100	0.6	4.5	< 0.2	21
8988	201 202	< 5	7	95	0.02	4.6	0.4	0.1	25.6	30	1.6	7.5	< 0.2	113
8989	201 202	< 5	6	56	0.06	2.8	0.2	0.1	19.0	20	0.8	7.0	< 0.2	59
8990	201 202	< 5	5	71	0.06	1.6	0.2	0.1	23.6	40	0.6	4.5	< 0.2	52
8991	201 202	< 5	6	78	0.08	1.2	0.4	0.3	25.4	60	0.6	5.5	< 0.2	45
8992	201 202	< 5	5	95	0.10	2.6	0.2	0.1	35.8	50	0.6	5.0	< 0.2	76
8993	201 202	< 5	5	70	0.04	2.2	0.2	0.1	21.0	20	0.6	6.0	< 0.2	63
8994	201 202	< 5	4	61	0.02	2.0	0.2	< 0.1	18.6	10	0.4	5.0	< 0.2	51
8995	201 202	< 5	9	65	0.06	3.0	0.2	0.1	35.2	30	0.6	7.0	< 0.2	47
8996	201 202	< 5	5	103	0.06	5.4	0.4	0.1	58.8	20	0.4	5.5	< 0.2	103
8997	201 202	< 5	5	43	< 0.02	5.2	0.2	< 0.1	23.0	10	0.6	6.5	< 0.2	38
8998	201 202	< 5	18	38	0.02	1.6	0.2	< 0.1	12.6	10	0.4	23.5	< 0.2	36
8999	201 202	< 5	5	105	0.06	2.4	0.2	< 0.1	18.8	10	0.4	6.0	< 0.2	99

CERTIFICATION: Ian Bridle

* DETECTION LIMITS ON SAMPLE 8944 ARE HIGHER DUE TO LOWER SAMPLE WEIGHT

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9626631

Comments: ATN: J. BURGESS

CERTIFICATE A9626631

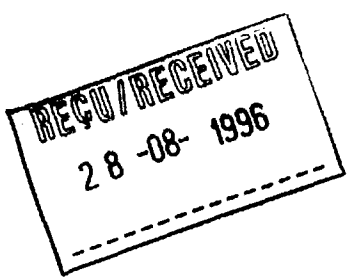
(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
202	160	save reject
238	160	Nitric-aqua-regia digestion
3296	159	Ultra trace digestion



ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	158	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	160	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	160	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	159	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	159	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	159	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	159	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	159	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	160	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	159	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	159	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	159	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	159	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 21-AUG-96
Invoice No. : I9626631
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626631

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
4212	201	202	not/ss	11	109	0.72	8.0	< 0.8	< 0.8	30.0	920	4.8	16.0	< 0.8	112
4213	201	202	< 5	6	143	0.28	5.2	0.2	1.7	37.6	260	2.4	9.0	< 0.2	128
4214	201	202	< 5	4	113	0.36	3.8	< 0.2	1.9	30.4	240	1.6	4.5	< 0.2	51
4215	201	202	< 5	10	178	0.18	38.4	< 0.2	0.6	53.0	390	8.4	13.0	0.8	215
4216	201	202	< 5	8	121	0.16	23.2	< 0.2	0.5	31.4	190	4.4	11.5	< 0.2	145
4217	201	202	< 5	44	215	0.50	8.4	0.2	6.4	89.8	130	4.6	49.5	< 0.2	205
4218	201	202	< 5	21	193	0.52	6.8	0.6	4.2	73.0	280	4.0	26.0	< 0.2	154
4219	201	202	< 5	9	157	0.14	4.2	< 0.2	0.7	16.6	220	1.6	4.5	< 0.2	86
4220	201	202	< 5	10	158	0.18	15.4	< 0.2	0.6	32.8	190	4.4	11.5	< 0.2	177
4221	201	202	< 5	12	132	0.22	4.6	0.2	0.8	31.6	180	2.6	13.5	< 0.2	122
4222	201	202	< 5	5	113	0.48	3.8	0.4	1.3	80.2	320	1.6	7.5	0.2	95
4223	201	202	< 5	6	174	0.48	4.4	0.2	1.6	62.6	310	2.4	11.0	< 0.2	154
4224	201	202	25	39	220	11.95	37.8	1.8	5.3	373	2050	61.0	60.0	8.6	140
4226	201	202	50	56	1250	9.30	137.5	1.8	6.4	246	4720	88.8	82.0	13.8	1230
4227	201	202	25	50	1300	3.34	146.5	1.6	13.7	247	1930	56.8	73.0	10.4	1220
4228	201	202	35	47	1400	4.24	166.0	1.8	17.2	230	1920	66.0	69.0	11.0	1155
4229	201	202	30	34	750	3.68	75.0	1.2	7.1	151.0	2040	45.0	50.0	7.8	586
4230	201	202	10	38	1150	1.96	150.0	1.2	7.2	150.5	1640	50.4	55.0	9.2	882
4231	201	202	15	28	950	2.52	70.6	1.0	7.0	167.0	1470	37.0	43.0	6.0	771
4232	201	202	< 5	24	560	2.08	51.8	1.0	3.7	138.0	1430	24.0	36.0	5.4	394
4233	201	202	< 5	5	220	0.72	7.2	< 0.2	3.4	77.8	770	5.6	8.5	0.8	199
4234	201	202	15	6	1250	1.14	20.4	0.8	5.9	144.0	1100	21.4	16.0	< 0.2	1110
4235	201	202	< 5	7	115	0.22	16.2	< 0.2	0.4	36.4	110	4.4	10.0	< 0.2	146
4236	201	202	20	18	162	0.78	3.4	0.4	9.2	52.8	240	6.8	25.5	< 0.2	145
4237	201	202	< 5	11	92	0.64	5.8	0.2	2.7	32.2	140	5.6	12.5	< 0.2	78
4238	201	202	< 5	5	103	0.24	23.0	0.2	0.3	29.0	50	5.0	11.5	< 0.2	132
4239	201	202	< 5	5	84	0.26	15.4	0.2	0.1	17.2	90	5.4	9.5	< 0.2	106
4240	201	202	< 5	13	61	1.02	14.2	0.2	2.6	68.6	90	3.2	18.0	< 0.2	63
4241	201	202	< 5	22	143	0.30	37.4	0.2	0.4	40.6	890	12.0	30.0	2.8	182
4242	201	202	< 5	7	131	0.32	25.6	< 0.2	0.3	51.2	240	5.4	11.5	< 0.2	164
4243	201	202	< 5	8	105	0.26	14.8	< 0.2	0.5	34.0	170	5.2	11.0	< 0.2	123
4244	201	202	< 5	9	133	0.20	17.6	0.2	0.6	26.2	170	4.0	13.0	< 0.2	159
4245	201	202	< 5	5	88	0.16	16.6	< 0.2	0.1	34.2	280	5.4	8.5	< 0.2	110
4246	201	202	< 5	7	67	0.20	4.8	0.2	0.7	22.6	160	4.4	11.0	< 0.2	75
4247	201	202	< 5	2	21	0.58	< 0.2	0.4	1.4	44.0	270	1.0	4.5	< 0.2	11
4248	201	202	< 5	4	21	0.36	< 0.2	0.2	1.0	26.6	290	0.8	5.0	< 0.2	13
4249	201	202	< 5	2	48	0.46	< 0.2	0.2	2.2	34.8	290	0.6	3.0	< 0.2	39
4255	201	202	< 5	3	46	0.26	8.0	< 0.2	0.3	9.4	60	4.0	9.0	< 0.2	53
4256	201	202	< 5	5	69	0.54	9.4	< 0.2	0.3	15.2	70	3.6	9.0	< 0.2	77
4257	201	202	< 5	4	75	0.14	10.8	< 0.2	0.1	13.8	40	3.2	6.5	< 0.2	74

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :2
Total Pages :4
Certificate Date: 21-AUG-96
Invoice No. :I9626631
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626631

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4258	201	202	< 5	9	95	0.34	20.6	< 0.2	0.4	20.4	170	9.8	10.5	< 0.2	110	
4259	201	202	< 5	11	59	0.66	2.2	0.2	2.4	26.4	230	2.2	13.0	< 0.2	47	
4260	201	202	10	36	102	0.74	7.0	0.2	4.8	45.6	150	7.0	42.5	< 0.2	113	
4261	201	202	< 5	11	143	0.30	28.8	0.2	0.4	45.4	390	8.4	12.0	0.4	170	
4262	201	202	not/ss	11	90	0.86	4.0	0.2	1.2	32.0	530	3.6	16.5	< 0.2	74	
4263	201	202	< 5	19	182	1.02	3.0	0.2	4.9	41.4	480	3.0	23.5	< 0.2	165	
4264	201	202	< 5	< 1	78	0.68	0.2	0.2	2.5	40.2	300	0.8	1.5	< 0.2	67	
4265	201	202	< 5	< 1	62	0.42	1.2	< 0.2	1.8	26.8	290	1.0	3.5	< 0.2	83	
4266	201	202	< 5	< 1	22	0.48	< 0.2	< 0.2	1.0	29.8	340	0.6	2.5	< 0.2	12	
4267	201	202	< 5	3	47	2.96	17.6	0.2	0.5	12.8	490	13.6	4.0	8.6	41	
4269	201	202	< 5	20	82	6.00	45.6	0.6	1.2	55.6	4610	50.8	35.5	15.0	73	
4270	201	202	< 5	< 1	38	1.96	1.0	< 0.2	0.7	8.8	440	4.4	1.5	0.8	17	
4272	201	202	15	60	225	12.60	335	1.2	0.5	114.5	4230	82.6	86.5	41.6	236	
4273	201	202	10	27	59	1.96	121.0	0.2	0.3	41.2	1260	30.0	38.0	15.8	61	
4274	201	202	< 5	12	65	1.16	15.4	0.8	0.3	101.0	800	8.2	23.5	2.6	45	
4276	201	202	< 5	< 1	15	0.30	6.0	0.2	0.5	19.8	430	2.8	4.0	0.4	17	
4277	201	202	< 5	7	500	0.76	39.6	1.6	2.0	131.0	680	7.4	18.5	2.2	225	
4278	201	202	< 5	15	290	2.56	22.8	0.6	2.6	101.0	3270	40.2	22.5	7.0	189	
4279	201	202	< 5	5	420	0.26	23.8	< 0.2	1.5	62.2	240	5.6	11.0	< 0.2	433	
4280	201	202	< 5	< 1	63	0.42	0.8	< 0.2	2.3	24.8	250	1.0	5.0	< 0.2	53	
4281	201	202	< 5	101	340	not/ss	not/ss	not/ss	not/ss	not/ss	7930	not/ss	not/ss	not/ss	not/ss	
4282	201	202	110	18	41	0.34	1.0	< 0.2	1.0	25.0	630	4.4	20.5	0.8	39	
4283	201	202	< 5	4	40	0.36	0.4	< 0.4	1.2	36.4	250	1.6	8.0	< 0.4	38	
4284	201	202	< 5	2	60	0.50	5.0	< 0.2	1.6	52.0	320	1.0	5.0	< 0.2	41	
4285	201	202	320	13	48	0.38	1.0	< 0.2	0.7	54.6	240	0.8	30.5	0.8	63	
4286	201	202	< 5	8	205	0.36	31.6	< 0.2	1.0	51.4	280	6.6	11.5	< 0.2	242	
4287	201	202	< 5	6	152	0.36	12.8	< 0.2	0.8	39.4	200	3.8	10.0	< 0.2	154	
4288	201	202	< 5	5	58	0.12	0.6	< 0.2	3.1	10.6	190	1.0	6.0	< 0.2	37	
4289	201	202	< 5	2	70	0.30	< 0.2	< 0.2	1.6	70.2	300	0.6	4.0	2.0	42	
4290	201	202	< 5	4	111	0.36	0.2	0.2	2.0	36.4	230	1.0	4.0	< 0.2	75	
4291	201	202	< 5	< 1	52	0.32	< 0.2	< 0.2	1.5	31.6	250	0.8	1.0	< 0.2	31	
4292	201	202	< 5	7	48	0.46	1.8	0.2	1.3	46.2	340	1.2	9.0	< 0.2	38	
4293	201	202	< 5	4	63	0.18	< 0.2	< 0.2	0.6	17.8	270	0.4	3.0	< 0.2	24	
4294	201	202	< 5	3	28	0.46	2.6	< 0.2	1.4	17.8	250	2.6	2.5	< 0.2	13	
4295	201	202	< 5	12	111	0.42	14.4	0.8	2.2	71.0	430	5.0	16.0	0.2	94	
4296	201	202	< 5	4	29	0.38	4.0	< 0.2	1.0	12.4	60	1.4	4.5	< 0.2	24	
4297	201	202	< 5	6	25	0.38	< 0.2	< 0.2	0.5	15.6	260	1.0	3.0	< 0.2	12	
4298	201	202	< 5	2	24	0.36	< 0.2	< 0.2	0.8	14.6	190	0.8	1.5	< 0.2	8	
4299	201	202	< 5	< 1	18	0.20	1.2	0.4	0.4	11.2	160	1.0	3.5	< 0.2	10	
4305	201	202	< 5	16	71	1.86	2.0	< 0.2	5.2	40.8	660	2.4	20.0	0.2	76	

CERTIFICATION: Ian Bichler

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M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

CERTIFICATE OF ANALYSIS A9626631

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4306	201	202	< 5	8	51	1.70	< 0.2	< 0.2	2.9	38.6	400	1.6	4.5	1.0	42	
4307	201	202	< 5	11	114	0.26	24.0	< 0.2	0.4	16.0	120	14.4	9.0	1.2	132	
4308	201	202	< 5	9	97	0.50	14.0	< 0.2	0.1	19.2	150	8.0	7.5	1.0	112	
4309	201	202	< 5	6	74	0.38	15.4	< 0.2	0.1	22.8	240	5.8	8.5	1.0	74	
4310	201	202	< 5	7	149	0.52	13.8	< 0.2	0.5	29.4	310	8.8	12.0	1.2	164	
4311	201	202	< 5	< 1	166	0.20	< 0.2	< 0.2	7.3	25.2	170	2.0	1.0	0.2	151	
4312	201	202	< 5	3	200	0.38	< 0.2	< 0.2	7.1	51.2	180	0.8	< 0.5	1.4	168	
4313	201	202	< 5	6	350	0.32	1.8	< 0.2	5.7	42.4	200	2.0	5.5	< 0.2	342	
4314	201	202	< 5	10	300	0.20	9.0	< 0.2	1.2	27.2	80	4.2	10.0	0.2	287	
4315	201	202	< 5	13	350	0.54	7.8	0.2	1.4	54.0	270	2.8	11.0	0.2	336	
4316	201	202	< 5	10	196	0.20	5.2	< 0.2	0.4	26.4	160	2.2	10.0	< 0.2	207	
4317	201	202	< 5	8	146	0.18	4.8	< 0.2	0.3	21.2	130	1.8	8.5	< 0.2	165	
4318	201	202	< 5	10	134	0.20	5.0	< 0.2	0.3	26.6	170	2.0	9.5	< 0.2	155	
4319	201	202	< 5	13	115	0.50	5.6	< 0.2	0.8	32.4	290	3.2	11.0	< 0.2	168	
4320	201	202	< 5	16	470	2.68	54.2	0.2	4.7	78.2	2380	43.8	22.5	3.8	409	
4321	201	202	10	45	600	6.42	101.5	0.4	3.6	171.0	5030	96.2	51.5	19.4	571	
4323	201	202	10	25	1100	5.32	111.5	1.0	16.6	252	2870	88.0	31.5	15.0	986	
4324	201	202	< 5	28	177	2.24	86.0	0.4	1.2	28.4	2710	58.6	32.0	14.8	165	
4325	201	202	< 5	20	215	4.18	149.0	0.6	1.8	41.8	2680	57.8	26.0	11.6	208	
4326	201	202	< 5	38	90	4.98	185.0	0.8	0.5	40.2	2020	98.2	46.5	23.2	87	
4327	201	202	< 5	55	172	4.06	170.5	0.4	0.1	11.2	4260	80.4	56.0	20.6	142	
4328	201	202	< 5	21	115	0.22	273	0.6	< 0.1	21.2	180	12.4	25.5	5.0	121	
4329	201	202	< 5	3	420	0.08	6.8	< 0.2	4.7	3.8	70	0.8	2.0	< 0.2	251	
4330	201	202	< 5	10	129	0.24	18.8	0.2	0.5	18.4	1610	4.0	9.5	< 0.2	143	
4331	201	202	< 5	19	530	0.56	126.5	< 0.2	3.7	79.2	1160	25.8	25.0	9.2	664	
4332	201	202	< 5	9	199	0.30	19.2	< 0.2	0.9	46.2	250	3.6	11.0	< 0.2	259	
4333	201	202	< 5	17	300	0.56	22.0	< 0.2	2.5	37.2	620	49.6	17.0	3.8	267	
4334	201	202	< 5	7	400	1.00	2.8	0.2	8.9	227	400	2.6	9.5	< 0.2	307	
4335	201	202	< 5	5	135	0.56	1.6	< 0.2	2.5	93.6	310	1.2	5.5	< 0.2	158	
4336	201	202	< 5	6	58	0.44	1.0	< 0.2	1.3	53.2	290	1.0	4.5	0.2	44	
4337	201	202	< 5	6	110	0.26	< 0.2	< 0.2	2.2	16.6	200	0.8	5.0	< 0.2	66	
4338	201	202	< 5	18	78	0.56	4.2	< 0.2	6.3	79.2	40	3.0	23.5	< 0.2	85	
4339	201	202	< 5	< 1	101	0.22	18.0	< 0.2	0.4	15.4	1410	6.6	9.0	< 0.2	118	
4340	201	202	< 5	7	179	0.30	33.2	< 0.2	0.3	43.2	190	12.0	13.5	0.8	202	
4341	201	202	< 5	3	102	0.60	18.4	< 0.2	0.5	31.8	70	6.0	9.5	< 0.2	112	
4342	201	202	< 5	2	26	0.24	4.4	< 0.2	0.2	9.6	10	1.2	7.0	< 0.2	26	
4343	201	202	< 5	3	148	0.44	9.2	< 0.2	0.7	42.0	250	6.8	10.0	0.6	175	
4344	201	202	< 5	8	80	0.72	17.6	< 0.2	0.9	39.2	80	6.2	11.0	0.2	85	
4345	201	202	< 5	13	235	1.04	3.8	0.6	4.2	47.2	200	22.0	21.5	3.0	212	
4346	201	202	< 5	7	126	0.24	19.8	< 0.2	0.7	49.0	80	4.6	11.0	0.4	137	

CERTIFICATION: Ian R. Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page N : 4
Total P : 4
Certifica ate: 21-AUG-96
Invoice No. : I9626631
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626631

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
4347	201	202	< 5	7	61	0.42	6.0	0.6	0.5	29.6	110	3.0	11.5	< 0.2	49
4348	201	202	< 5	8	123	0.28	18.6	< 0.2	0.4	39.4	190	4.4	10.0	0.2	130
4349	201	202	< 5	10	170	0.40	30.4	< 0.2	0.8	80.4	370	5.2	11.0	1.0	205
4350	201	202	< 5	< 1	23	0.14	13.0	0.6	1.3	31.4	190	8.8	15.0	0.6	151
4351	201	202	< 5	10	181	0.10	22.2	0.6	0.6	47.6	310	21.4	12.0	1.4	181
4352	201	202	< 5	4	103	0.04	1.0	< 0.2	1.4	9.2	1110	0.6	2.5	< 0.2	69
4353	201	202	< 5	4	68	0.18	4.4	< 0.2	0.1	22.0	130	1.4	8.0	0.2	62
4354	201	202	< 5	3	75	0.10	5.4	< 0.2	0.8	21.0	110	1.4	6.0	< 0.2	63
4355	201	202	< 5	< 1	15	0.04	0.4	< 0.2	0.1	4.8	110	0.4	3.0	< 0.2	7
4356	201	202	< 5	< 1	14	0.22	0.2	< 0.2	0.3	10.6	170	0.2	2.5	< 0.2	6
4357	201	202	< 5	6	141	0.92	5.8	0.2	2.5	34.2	270	2.2	6.0	< 0.2	107
4358	201	202	< 5	17	690	1.62	21.0	0.2	3.6	136.0	270	32.6	21.5	0.4	368
4359	201	202	< 5	7	230	0.46	168.5	0.4	3.7	68.8	140	1.6	9.5	< 0.2	169
4360	201	202	< 5	2	25	0.24	5.4	0.2	0.7	7.4	150	0.2	4.0	< 0.2	20
4361	201	202	< 5	< 1	20	0.08	4.4	1.0	0.3	4.2	90	0.4	3.0	< 0.2	15
4362	201	202	20	17	1000	3.42	81.2	0.8	6.4	195.5	2060	49.2	24.0	6.4	889
4364	201	202	100	36	330	8.74	272	0.8	0.6	117.5	6750	199.5	44.0	28.8	305
4365	201	202	30	29	560	9.36	110.5	0.6	18.7	339	2340	43.6	31.0	10.6	454
4366	201	202	40	28	410	10.80	52.4	1.2	2.4	316	2970	118.5	36.0	30.2	421
4371	201	202	15	8	210	0.56	21.8	< 0.2	0.8	59.8	180	6.2	12.0	0.6	226
4372	201	202	< 5	6	195	0.86	20.6	< 0.2	0.9	54.0	350	7.6	10.0	0.6	230
4373	201	202	< 5	17	153	0.36	4.4	0.2	1.6	30.0	220	1.8	18.0	< 0.2	117
4374	201	202	< 5	7	95	0.14	12.8	< 0.2	0.5	29.4	80	1.8	8.5	< 0.2	103
4375	201	202	< 5	12	47	0.08	5.4	< 0.2	0.2	12.8	50	0.8	7.0	< 0.2	51
4376	201	202	< 5	4	51	0.06	12.8	< 0.2	0.1	19.0	30	1.0	6.0	< 0.2	60
4377	201	202	< 5	7	68	0.10	11.6	< 0.2	0.3	18.6	30	1.2	8.0	< 0.2	76
4378	201	202	< 5	10	85	0.62	7.8	0.4	4.0	54.8	230	2.2	13.5	< 0.2	71
4379	201	202	< 5	5	42	0.06	19.4	< 0.2	0.1	7.4	< 10	0.6	6.0	< 0.2	44
4380	201	202	< 5	5	37	0.02	17.8	< 0.2	0.1	9.6	10	0.8	6.5	< 0.2	40
4381	201	202	< 5	8	37	0.12	4.6	< 0.2	0.5	9.4	30	0.8	7.5	< 0.2	42
4382	201	202	< 5	6	12	0.28	2.8	< 0.2	0.4	11.4	10	1.2	11.5	< 0.2	14
4383	201	202	65	6	38	0.14	17.0	< 0.2	0.1	9.8	40	2.0	10.0	< 0.2	50
4384	201	202	< 5	3	26	0.26	< 0.2	< 0.2	1.2	11.4	140	0.6	4.0	< 0.2	20
4385	201	202	< 5	8	94	0.32	2.0	0.2	1.4	29.0	80	1.0	11.0	< 0.2	115
4386	201	202	< 5	4	114	2.00	3.8	< 0.2	1.8	21.8	400	3.6	3.0	< 0.2	49
4387	201	202	< 5	25	640	2.30	93.2	0.8	3.5	288	2540	83.8	31.5	6.6	795
4388	201	202	< 5	7	310	1.28	3.8	< 0.2	11.7	133.0	480	4.0	5.5	< 0.2	316
4389	201	202	< 5	15	390	1.20	22.6	0.4	4.9	62.2	1520	25.2	19.0	3.4	318
4390	201	202	< 5	8	1400	7.76	3.4	0.6	9.2	152.5	760	6.2	8.0	< 0.2	981
4391	201	202	< 5	39	560	14.70	9.4	2.0	10.2	910	2020	28.0	64.0	0.6	376

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9626632

Comments: ATN: J. BURGESS

CERTIFICATE A9626632

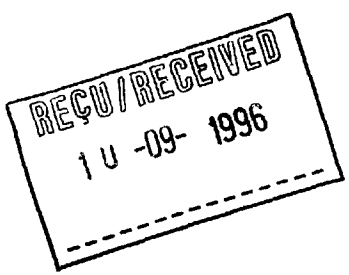
(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
202	160	save reject
238	159	Nitric-aqua-regia digestion
3296	159	Ultra trace digestion



ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	156	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	160	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	160	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	158	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	158	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	158	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	158	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	158	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	148	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	158	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	158	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	158	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	158	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 21-AUG-96
Invoice No. : I9626632
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626632

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4392	201	202	45	48	1350	11.40	73.4	0.8	23.5	360	3300	56.4	53.5	11.0	855	
4393	201	202	90	118	132	3.20	185.5	1.2	2.0	54.0	6310	187.0	134.5	33.6	119	
4394	201	202	< 5	5	410	5.82	6.6	0.2	4.9	125.5	500	3.2	7.5	< 0.2	219	
4395	201	202	< 5	< 1	750	0.52	9.6	1.0	6.0	35.4	170	4.6	7.5	< 0.2	619	
4396	201	202	< 5	3	850	0.90	12.2	0.6	9.1	164.0	260	2.2	11.5	< 0.2	851	
4397	201	202	< 5	3	710	1.06	6.2	0.2	4.0	106.0	520	3.6	8.0	< 0.2	632	
4398	201	202	< 5	3	700	0.92	24.0	0.4	4.3	83.4	380	5.8	9.0	< 0.2	643	
4399	201	202	15	20	760	0.84	11.0	0.8	3.4	114.5	530	11.8	27.0	< 0.2	621	
4400	201	202	< 5	7	188	0.60	9.6	0.2	0.7	58.0	530	4.4	11.0	0.4	137	
4401	201	202	< 5	< 1	50	0.56	< 0.2	< 0.2	1.9	54.2	220	0.6	2.0	< 0.2	40	
4402	201	202	< 5	< 1	53	0.30	< 0.2	< 0.2	1.2	19.6	40	0.6	1.5	< 0.2	52	
4403	201	202	< 5	3	270	1.20	< 0.4	< 0.4	6.0	20.0	not/ss	2.4	4.0	< 0.4	232	
4405	201	202	< 5	9	110	0.16	14.0	< 0.2	0.3	21.0	210	4.2	8.5	< 0.2	113	
4406	201	202	10	10	161	0.32	17.8	< 0.2	0.8	23.8	210	6.0	12.0	< 0.2	175	
4407	201	202	< 5	18	107	0.16	< 0.4	< 0.4	2.6	10.4	not/ss	1.2	15.0	< 0.4	102	
4408	201	202	< 5	6	57	0.08	4.0	< 0.2	0.1	17.4	60	0.8	6.5	< 0.2	56	
4409	201	202	< 5	11	162	0.18	20.8	< 0.2	0.6	36.6	340	5.8	12.0	0.6	193	
4410	201	202	< 5	9	116	0.28	7.6	< 0.2	0.4	31.4	130	2.2	10.5	< 0.2	127	
4411	201	202	< 5	6	91	0.10	6.8	< 0.2	0.5	23.6	70	2.0	6.5	< 0.2	106	
4412	201	202	< 5	5	44	0.06	3.4	< 0.2	0.1	12.0	30	1.0	5.5	< 0.2	50	
4413	201	202	15	6	40	0.08	6.4	< 0.2	0.1	11.8	30	0.8	6.0	< 0.2	40	
4414	201	202	< 5	5	31	0.02	4.6	< 0.2	0.2	9.2	10	0.6	5.5	< 0.2	30	
4415	201	202	35	61	49	5.08	110.0	< 0.4	0.8	12.4	2830	40.0	58.0	15.6	40	
4416	201	202	50	30	167	17.20	296	0.8	1.5	27.0	2690	119.5	30.0	57.2	115	
4417	201	202	15	55	170	13.75	43.0	0.2	2.8	26.0	2110	59.0	53.0	21.2	87	
4418	201	202	< 5	72	300	16.80	39.2	0.8	6.2	149.0	1110	21.4	71.5	3.6	160	
4419	201	202	< 5	8	105	3.86	2.8	< 0.2	7.4	20.4	240	11.0	8.0	1.0	52	
4420	201	202	< 5	5	250	2.76	2.2	0.2	7.2	52.0	not/ss	6.0	5.5	0.2	122	
4421	201	202	< 5	15	310	1.00	17.0	0.6	4.1	34.2	280	10.0	15.0	2.4	178	
4422	201	202	< 5	10	380	1.28	22.4	0.2	6.3	80.0	790	14.0	13.5	2.6	264	
4423	201	202	10	16	310	4.24	44.0	1.4	1.6	137.0	1930	34.6	19.5	5.2	125	
4424	201	202	10	13	300	2.92	18.6	0.2	3.4	149.5	1760	12.8	15.0	3.8	158	
4425	201	202	< 5	3	940	0.98	13.2	1.6	5.9	589	610	8.6	5.5	0.4	281	
4426	201	202	< 5	4	300	0.32	2.4	< 0.4	2.4	32.0	260	2.4	6.0	< 0.4	234	
4427	201	202	< 5	8	780	0.30	10.2	1.0	3.2	35.2	210	4.4	11.0	< 0.2	388	
4428	201	202	< 5	3	350	0.36	< 0.4	< 0.2	5.6	3.6	not/ss	1.2	< 1.0	< 0.4	294	
4429	201	202	< 5	< 1	106	0.14	< 0.2	< 0.2	1.5	7.4	not/ss	2.4	0.5	< 0.2	89	
4430	201	202	< 5	13	43	2.04	4.4	0.4	0.8	31.8	160	2.2	12.0	3.4	36	
4431	201	202	< 5	8	46	0.48	6.4	< 0.2	0.5	20.4	40	2.4	7.5	3.2	42	
4432	201	202	< 5	10	115	0.28	11.4	< 0.2	0.4	26.2	50	2.2	9.5	3.0	111	

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9626632

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4433	201	202	< 5	9	36	1.08	6.6	0.2	0.8	38.4	80	2.4	10.5	0.4	28	
4434	201	202	< 5	7	83	0.28	11.2	0.8	0.4	30.0	50	2.4	9.5	0.2	84	
4435	201	202	< 5	7	64	0.40	7.2	0.8	1.6	30.2	40	1.8	10.5	0.2	60	
4436	201	202	< 5	13	49	1.00	9.0	1.4	0.6	33.6	70	2.4	16.5	< 0.2	43	
4437	201	202	< 5	9	34	0.46	3.8	1.0	1.0	24.0	60	1.6	11.0	< 0.2	29	
4438	201	202	< 5	7	38	0.18	4.0	1.2	0.2	11.2	30	1.4	9.0	< 0.2	39	
4439	201	202	< 5	8	36	0.48	2.4	1.4	0.8	34.0	60	1.2	9.5	< 0.2	33	
4440	201	202	< 5	6	62	0.18	2.8	1.0	0.2	22.8	40	1.0	8.5	< 0.2	64	
4441	201	202	< 5	5	30	0.52	0.4	1.8	0.1	30.6	130	1.4	6.0	0.2	17	
4442	201	202	< 5	7	400	1.00	2.0	3.2	13.4	61.6	not/ss	2.0	9.0	< 0.4	288	
4443	201	202	< 5	45	320	11.65	1.0	0.2	14.3	329	500	1.0	43.5	< 0.2	160	
4444	201	202	< 5	< 1	700	1.44	< 0.4	< 0.4	11.6	185.5	550	1.2	5.0	< 0.4	454	
4445	201	202	170	166	600	3.10	531	2.2	2.4	111.5	3370	235	203	30.2	544	
4446	201	202	< 5	7	38	0.38	10.4	< 0.2	0.6	15.4	50	5.4	10.0	0.6	36	
4448	201	202	< 5	22	84	2.74	8.0	1.8	1.2	159.0	410	58.8	31.0	8.2	69	
4449	201	202	10	2	230	0.62	1.4	0.2	3.1	25.2	150	1.2	5.5	< 0.2	171	
4450	201	202	< 5	6	46	0.90	3.2	0.2	1.3	31.4	110	1.4	9.0	0.2	34	
4451	201	202	< 5	< 1	44	0.96	1.6	< 0.2	1.1	75.6	200	0.8	3.5	< 0.2	26	
4452	201	202	< 5	12	162	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	
4453	201	202	< 5	8	93	0.14	3.4	0.4	0.8	20.8	80	1.0	11.0	< 0.2	69	
4454	201	202	10	8	112	1.24	17.2	< 0.2	0.4	13.8	110	4.8	11.0	0.2	110	
4455	201	202	< 5	7	150	0.78	29.0	0.4	0.6	33.2	140	12.4	11.0	1.4	151	
4456	201	202	< 5	15	131	0.90	37.4	0.6	0.6	18.8	140	9.8	21.5	1.2	124	
4457	201	202	< 5	3	111	0.38	13.8	< 0.2	0.6	20.6	60	6.2	8.0	0.6	102	
4458	201	202	< 5	7	220	1.52	21.8	0.4	0.8	39.6	290	5.4	10.5	0.6	195	
4459	201	202	< 5	8	112	0.50	10.2	< 0.2	0.6	11.2	60	3.8	12.5	0.2	103	
4460	201	202	< 5	6	57	0.48	9.2	< 0.2	0.1	15.6	180	2.4	7.5	0.2	60	
4461	201	202	< 5	10	147	1.46	33.0	1.2	2.3	40.4	not/ss	10.4	13.5	4.0	68	
4462	201	202	10	8	172	2.88	4.8	< 0.4	8.8	95.0	470	6.0	10.0	0.8	124	
4463	201	202	< 5	9	73	14.80	2.4	1.0	4.5	609	1270	1.8	11.0	< 0.2	23	
4465	201	202	85	42	700	5.98	256	3.2	2.6	359	not/ss	84.6	46.0	19.8	175	
4466	201	202	40	18	410	4.22	63.4	2.2	1.4	322	880	59.0	24.0	12.8	124	
4467	201	202	10	5	255	13.40	11.6	0.4	11.0	220	not/ss	4.8	5.0	< 0.4	184	
4468	201	202	65	37	235	12.30	94.4	2.4	0.4	148.0	2560	109.5	32.0	22.4	48	
4470	201	202	25	28	186	11.60	67.4	1.0	4.1	279	1120	43.8	27.0	8.6	83	
4471	201	202	15	13	48	17.35	41.2	1.0	0.8	183.0	1660	27.0	13.5	15.4	17	
4472	201	202	< 5	7	42	6.30	17.4	4.2	0.3	155.0	280	3.6	0.5	0.6	2	
4473	201	202	< 5	8	260	4.36	5.8	0.2	11.2	329	460	1.8	7.0	< 0.2	122	
4474	201	202	15	14	153	0.82	3.6	0.2	6.3	60.0	140	3.0	12.0	< 0.2	85	
4475	201	202	< 5	12	127	0.64	29.6	0.2	0.5	32.0	120	13.2	10.5	1.2	123	

CERTIFICATION: David Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page :3
Total :4
Certificate Date: 21-AUG-96
Invoice No. :I9626632
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626632

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4476	201	202	10	13	188	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	
4477	201	202	< 5	19	190	1.10	54.4	0.8	2.5	97.2	230	27.6	18.0	3.6	140	
4478	201	202	< 5	13	196	1.30	91.4	1.2	3.7	120.0	350	38.4	17.0	5.2	128	
4479	201	202	10	29	194	4.78	51.8	1.0	4.6	103.5	1000	35.4	31.5	5.8	64	
4480	201	202	15	36	58	7.12	60.6	1.2	2.2	47.6	2180	18.8	33.0	22.8	18	
4481	201	202	25	13	230	6.84	110.0	1.6	1.2	172.0	6950	18.8	23.0	11.2	240	
4486	201	202	70	85	182	8.74	133.0	1.2	0.6	342	7010	144.0	87.0	56.6	124	
4487	201	202	< 5	12	103	1.42	39.6	2.4	0.1	86.4	320	11.4	10.5	1.8	39	
4488	201	202	< 5	< 1	75	0.76	40.6	7.4	< 0.1	96.0	390	26.2	< 0.5	< 0.2	5	
4490	201	202	< 5	10	87	4.48	34.0	5.2	0.5	115.0	830	17.0	< 0.5	3.2	6	
4491	201	202	50	38	440	5.46	176.5	2.6	0.8	164.0	780	50.6	54.0	11.2	183	
4492	201	202	35	7	350	2.36	90.0	3.2	4.0	216	340	18.4	15.0	2.4	272	
4493	201	202	< 5	3	51	7.22	5.2	0.2	1.4	114.5	310	2.4	8.5	< 0.2	33	
4494	201	202	< 5	7	126	1.30	2.0	0.4	5.4	344	60	1.0	8.5	< 0.2	84	
4495	201	202	< 5	9	155	0.36	13.6	0.4	1.0	34.2	80	9.2	12.0	< 0.2	152	
4496	201	202	< 5	10	102	1.60	< 0.8	< 0.8	6.0	444	not/ss	1.6	14.0	< 0.8	140	
4497	201	202	< 5	2	89	0.50	2.0	1.4	3.3	147.0	140	0.2	2.5	< 0.2	26	
4498	201	202	< 5	14	530	0.28	14.0	0.4	2.3	58.6	130	2.2	16.0	< 0.2	398	
4499	201	202	< 5	8	113	0.22	17.8	0.6	1.0	122.5	70	2.6	12.5	< 0.2	92	
4500	201	202	< 5	6	30	0.12	0.6	0.6	0.8	13.4	110	1.0	6.5	< 0.2	13	
4501	201	202	< 5	6	73	0.06	3.4	0.2	0.4	13.2	50	1.2	5.5	0.2	61	
4502	201	202	< 5	4	94	0.12	< 0.2	0.4	1.3	27.8	160	0.8	5.5	< 0.2	38	
4503	201	202	< 5	3	30	0.26	1.4	< 0.2	0.6	55.2	160	1.0	6.0	< 0.2	22	
4504	201	202	< 5	< 1	52	0.08	< 0.2	0.2	0.5	16.8	100	0.8	2.0	< 0.2	17	
4505	201	202	< 5	3	31	0.20	1.6	0.2	0.6	38.6	100	0.8	6.0	< 0.2	19	
4506	201	202	< 5	8	52	0.04	10.0	0.2	0.1	13.4	20	1.2	7.5	< 0.2	49	
4507	201	202	< 5	6	51	0.04	17.4	0.2	0.4	6.2	50	2.0	8.0	< 0.2	39	
4508	201	202	< 5	7	68	0.14	11.0	< 0.2	0.4	15.4	40	1.8	8.5	< 0.2	63	
4509	201	202	< 5	4	60	0.16	9.0	0.2	0.5	16.6	80	1.6	7.5	< 0.2	51	
4510	201	202	20	16	490	1.94	31.4	0.8	6.0	236	950	31.8	14.5	4.6	91	
4511	201	202	< 5	5	1450	2.58	6.6	0.6	5.2	209	760	2.8	2.0	< 0.2	217	
4512	201	202	< 5	2	76	6.20	1.2	< 0.2	5.3	67.2	420	2.0	4.0	< 0.2	40	
4513	201	202	< 5	15	1000	3.30	31.6	1.0	9.9	331	1230	23.0	17.0	4.6	191	
4514	201	202	15	44	810	3.84	84.2	1.4	6.4	240	2170	31.2	45.0	12.0	169	
4515	201	202	< 5	7	126	1.50	2.4	0.2	3.9	110.5	830	1.6	4.5	1.6	51	
4516	201	202	30	36	680	3.54	34.0	1.4	6.6	178.0	2750	55.0	18.5	9.8	53	
4517	201	202	40	90	330	5.90	187.0	1.0	2.6	123.0	3860	81.0	109.5	30.2	262	
4518	201	202	25	27	1150	4.38	26.4	1.2	11.6	272	1860	33.2	17.0	5.8	124	
4519	201	202	15	35	1000	5.00	91.6	1.0	14.5	154.0	1280	37.4	31.5	5.2	195	
4520	201	202	20	51	830	2.38	89.8	1.6	4.3	174.5	2060	71.6	55.5	9.6	243	

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: RENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page er :4
Total :4
Certific. Date: 21-AUG-96
Invoice No. :I9626632
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626632

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4521	201	202	15	36	1050	2.88	136.0	2.0	2.8	164.0	2400	62.4	23.0	15.2	900	
4522	201	202	< 5	15	112	0.20	13.2	0.4	0.6	16.8	30	3.4	13.0	0.6	93	
4523	201	202	10	28	50	0.94	2.6	0.2	2.4	57.2	120	1.8	22.0	0.2	14	
4524	201	202	< 5	12	114	0.24	12.2	0.2	0.9	54.4	80	3.0	12.5	0.4	89	
4525	201	202	< 5	8	70	0.12	6.8	0.2	0.1	19.2	30	1.2	6.5	< 0.2	63	
4526	201	202	< 5	10	91	0.10	7.4	< 0.2	0.4	17.4	20	1.2	9.0	< 0.2	82	
4527	201	202	< 5	10	69	0.12	6.8	< 0.2	0.4	20.2	30	1.4	8.0	< 0.2	62	
4528	201	202	< 5	30	156	3.32	6.8	0.8	8.6	184.5	120	1.8	28.0	< 0.2	78	
4529	201	202	< 5	40	158	1.68	20.4	0.8	5.3	173.0	120	5.2	39.5	< 0.2	91	
4530	201	202	< 5	30	350	1.14	9.0	0.6	13.5	104.0	130	3.2	28.5	< 0.2	138	
4531	201	202	< 5	7	80	0.18	2.8	0.2	1.2	24.0	20	0.8	8.0	< 0.2	72	
4532	201	202	< 5	8	67	1.16	0.6	0.6	1.9	55.0	150	1.8	8.5	< 0.2	36	
4533	201	202	< 5	11	99	0.86	2.6	0.2	1.3	37.8	130	1.2	7.5	< 0.2	68	
4536	201	202	< 5	9	121	1.66	2.4	0.4	1.4	33.6	260	2.4	8.0	< 0.2	87	
4539	201	202	not/ss	19	245	0.60	45.6	1.4	0.8	75.0	180	29.2	21.5	10.6	189	
4540	201	202	not/ss	133	174	13.40	117.5	3.4	0.1	132.0	1370	185.0	130.5	31.8	127	
4541	201	202	200	44	400	7.90	88.8	3.4	< 0.1	137.5	1960	109.5	40.5	26.0	121	
4543	201	202	not/ss	21	116	2.36	161.0	1.8	0.2	72.2	1230	93.6	21.5	24.2	88	
4544	201	202	20	46	85	1.32	146.0	4.4	< 0.1	86.6	750	72.6	< 0.5	15.2	4	
4545	201	202	< 5	14	210	0.92	63.8	2.0	0.8	90.4	250	12.2	17.0	2.0	175	
4546	201	202	< 5	7	56	0.66	8.0	< 0.2	< 0.1	8.2	70	2.6	6.5	0.6	50	
4547	201	202	< 5	9	148	0.50	17.2	< 0.2	0.3	18.0	80	3.4	9.5	< 0.2	152	
4548	201	202	< 5	8	98	0.52	18.2	< 0.2	0.1	22.8	130	4.4	8.5	0.6	95	
4549	201	202	< 5	20	81	1.16	61.4	0.4	1.3	66.8	590	22.2	23.0	5.8	69	
4550	201	202	< 5	12	120	0.48	45.2	0.2	0.1	43.0	230	13.2	14.5	2.6	135	
4551	201	202	10	17	134	1.02	81.6	0.6	0.2	54.4	840	61.0	24.0	11.0	133	
4552	201	202	35	10	105	3.22	157.0	1.0	0.1	47.6	2770	72.4	15.5	45.2	102	
4553	201	202	70	49	165	6.50	285	2.4	< 0.1	69.0	2670	123.5	59.5	46.8	74	
4554	201	202	85	32	200	7.24	324	1.8	< 0.1	93.0	3690	138.5	43.5	35.6	191	
4555	201	202	not/ss	103	25	7.68	143.5	0.6	0.1	14.6	11000	82.4	127.0	110.0	29	
4556	201	202	90	28	450	14.50	181.0	1.2	0.4	164.0	3360	129.5	34.5	31.4	324	
4559	201	202	45	46	121	5.40	117.0	1.4	< 0.1	108.0	1030	84.0	60.0	22.2	103	
4560	201	202	55	44	370	7.26	179.0	1.0	< 0.1	131.0	3760	91.2	53.5	21.6	329	
4565	201	202	165	43	225	3.92	265	1.0	< 0.1	107.0	7930	195.5	53.0	49.6	231	
4566	201	202	20	20	230	2.58	83.2	0.8	1.4	87.2	420	23.6	22.5	4.8	196	
4567	201	202	310	140	490	3.52	261	1.6	3.3	34.6	14700	367	164.0	66.0	473	
4568	201	202	25	26	480	1.90	77.6	2.2	1.6	161.0	610	18.4	32.0	7.4	281	
4569	201	202	100	97	600	13.20	84.6	1.8	2.7	230	3700	94.4	117.5	31.6	474	
4570	201	202	45	30	660	0.64	100.5	0.8	2.0	165.0	150	27.2	39.5	4.0	642	
4571	201	202	25	10	75	0.48	11.0	< 0.2	0.6	26.8	40	3.0	10.5	0.2	73	

CERTIFICATION: Stewart Bichler

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5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9626633

Comments: ATN: J. BURGESS

CERTIFICATE A9626633

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
202	160	save reject
238	160	Nitric-aqua-regia digestion
3296	156	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	160	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	159	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	159	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	156	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	156	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	156	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	156	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	156	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	157	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	156	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	156	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	156	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	156	Zn ppm: Ultra trace package	EXT-ICP	1	5000

REÇU/RECEIVED
28 -08- 1996

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9626633

SAMPLE	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
4572	201 202	< 5	7	50	< 0.02	6.2	< 0.2	< 0.1	14.6	30	0.6	6.0	0.2	37
4573	201 202	< 5	8	50	0.02	2.4	< 0.2	< 0.1	17.4	30	0.6	6.5	0.2	40
4574	201 202	< 5	31	110	0.28	4.2	0.4	2.1	47.4	50	2.0	31.5	< 0.2	88
4575	201 202	< 5	6	150	< 0.02	3.8	< 0.2	1.2	5.2	120	0.6	2.0	< 0.2	24
4576	201 202	< 5	10	1000	0.68	< 0.4	< 0.4	6.6	100.0	250	1.2	8.0	< 0.4	644
4577	201 202	< 5	11	770	0.44	4.6	< 0.2	2.5	71.8	90	1.4	10.5	< 0.2	594
4578	201 202	< 5	8	710	0.42	5.6	0.2	2.5	73.8	110	1.6	10.5	< 0.2	467
4579	201 202	80	51	670	1.48	90.2	1.4	2.3	248	490	15.2	66.0	3.4	484
4580	201 202	< 5	3	115	0.64	< 0.2	< 0.2	5.7	39.2	150	0.6	0.5	< 0.2	12
4581	201 202	< 5	< 1	25	< 0.02	20.2	1.0	0.1	5.4	80	1.2	3.0	< 0.2	13
4582	201 202	< 5	6	25	< 0.02	3.0	2.2	0.6	11.4	110	0.4	0.5	< 0.2	2
4583	201 202	< 5	13	63	2.54	44.0	1.8	0.4	60.4	680	33.2	17.0	2.2	30
4584	201 202	< 5	< 1	37	< 0.02	8.4	5.2	< 0.1	5.2	80	0.6	< 0.5	< 0.2	4
4585	201 202	< 5	7	600	1.26	11.4	4.2	3.0	227	290	3.6	< 0.5	< 0.2	23
4586	201 202	< 5	12	112	1.80	55.4	2.0	0.6	58.2	1030	21.4	7.5	8.4	11
4587	201 202	< 5	21	112	2.24	122.0	0.8	0.2	46.0	590	30.0	24.0	26.0	102
4588	201 202	< 5	12	105	0.98	180.5	0.2	0.2	9.2	11500	142.0	94.5	62.8	51
4589	201 202	10	62	58	10.15	242	1.4	0.5	34.6	1230	53.6	66.5	44.2	14
4590	201 202	< 5	20	36	1.06	557	2.8	0.1	54.4	430	57.4	< 0.5	29.6	2
4591	201 202	< 5	17	65	6.14	188.0	3.6	< 0.1	48.0	2110	29.0	7.0	17.0	5
4593	201 202	< 5	3	77	0.34	77.8	3.0	< 0.1	83.8	1020	23.6	0.5	11.8	5
4594	201 202	< 5	5	101	0.18	14.6	10.0	< 0.1	27.0	100	< 0.2	< 0.5	< 0.2	7
4597	201 202	< 5	9	125	0.92	69.4	2.4	0.1	85.8	300	21.2	10.5	5.0	17
4598	201 202	< 5	30	290	3.92	192.0	2.8	0.3	102.0	2720	62.4	29.0	15.0	34
4599	201 202	< 5	4	32	4.48	9.6	0.2	0.8	205	320	2.0	< 0.5	< 0.2	5
4601	201 202	< 5	10	60	0.16	15.0	< 0.2	0.2	15.6	30	1.4	9.0	< 0.2	58
4602	201 202	< 5	11	35	0.34	4.4	0.2	1.3	30.2	40	1.0	10.0	< 0.2	23
4603	201 202	< 5	8	84	0.14	10.0	0.8	0.2	15.2	40	1.2	8.0	< 0.2	59
4604	201 202	< 5	7	74	0.10	7.6	0.8	0.5	15.2	30	1.0	7.0	< 0.2	48
4605	201 202	< 5	17	42	1.30	3.4	0.6	5.5	81.8	60	0.8	16.5	< 0.2	14
4606	201 202	< 5	8	70	0.08	6.8	< 0.2	0.2	13.0	20	1.0	8.0	< 0.2	63
4607	201 202	< 5	15	97	0.44	13.0	< 0.2	0.8	24.2	60	3.8	13.0	< 0.2	80
4608	201 202	< 5	12	65	0.16	3.6	< 0.2	0.3	11.4	30	0.8	13.0	< 0.2	54
4609	201 202	< 5	9	50	0.18	6.0	< 0.2	0.1	7.2	30	1.2	7.5	< 0.2	47
4610	201 202	< 5	7	66	0.10	10.6	< 0.2	0.2	12.0	30	1.0	6.5	< 0.2	57
4611	201 202	< 5	5	42	0.10	0.6	< 0.2	0.4	14.8	20	1.0	7.0	< 0.2	37
4612	201 202	< 5	12	82	0.92	10.6	< 0.2	0.5	51.2	230	5.8	13.0	< 0.2	36
4613	201 202	30	31	134	6.46	100.0	0.4	4.3	55.0	2290	36.6	31.5	6.0	26
4614	201 202	45	31	184	7.36	98.6	0.8	0.8	96.8	2350	123.0	35.5	19.8	118
4615	201 202	35	61	520	2.60	144.5	1.6	4.8	208	1450	118.0	71.0	17.2	108

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certific. Date: 21-AUG-96
Invoice No. : I9626633
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626633

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4616	201	202	30	62	205	6.00	129.0	1.4	0.7	178.0	1600	113.0	61.0	20.0	68	
4617	201	202	15	33	183	3.16	31.6	1.0	1.7	48.2	1500	23.2	1.0	4.2	6	
4618	201	202	< 5	15	120	7.46	6.0	< 0.2	2.7	55.2	630	4.0	0.5	0.2	8	
4619	201	202	< 5	8	980	1.60	13.6	0.2	5.1	101.5	420	7.0	10.5	< 0.2	557	
4620	201	202	< 5	16	900	0.48	25.6	< 0.2	2.7	94.0	450	18.2	14.0	< 0.2	667	
4621	201	202	< 5	9	800	5.98	< 0.2	< 0.2	13.5	235	570	0.8	6.5	< 0.2	491	
4622	201	202	< 5	22	230	3.20	7.4	0.2	4.9	147.0	300	3.8	17.5	< 0.2	272	
4624	201	202	< 5	18	230	0.90	21.6	0.2	0.4	110.0	310	8.4	18.5	0.2	223	
4625	201	202	35	29	2100	7.24	158.0	0.8	13.6	369	1680	54.0	31.5	1.6	1475	
4627	201	202	10	3	220	0.62	4.4	1.4	0.5	37.4	130	1.4	6.0	< 0.2	186	
4628	201	202	< 5	7	94	0.20	4.2	< 0.2	0.6	9.0	20	1.8	5.5	< 0.2	86	
4629	201	202	< 5	10	55	0.32	2.8	< 0.2	0.8	15.8	50	3.8	9.0	< 0.2	42	
4630	201	202	< 5	23	220	2.04	5.2	0.2	8.2	41.6	190	5.0	27.0	< 0.2	139	
4631	201	202	< 5	11	340	0.62	26.2	< 0.2	0.9	31.4	180	7.6	11.5	< 0.2	247	
4632	201	202	< 5	13	142	0.64	7.0	< 0.2	2.1	38.0	70	4.6	12.5	< 0.2	122	
4633	201	202	< 5	8	62	0.20	5.4	< 0.2	0.3	12.4	20	3.8	8.5	< 0.2	59	
4634	201	202	< 5	8	117	0.34	9.2	< 0.2	0.4	24.2	70	4.0	9.5	< 0.2	108	
4635	201	202	< 5	18	230	0.82	94.8	0.2	0.3	66.6	1560	35.8	21.0	7.0	234	
4636	201	202	< 5	16	220	0.32	122.0	0.6	0.7	59.8	130	20.6	18.5	2.2	232	
4637	201	202	< 5	35	47	2.02	112.0	0.4	0.3	36.8	1790	30.2	40.0	19.8	37	
4638	201	202	25	21	1650	7.02	9.0	1.2	16.4	274	2160	83.8	18.5	12.0	634	
4640	201	202	160	138	1050	3.66	439	2.2	2.5	126.0	4340	295	151.0	50.6	825	
4641	201	202	10	9	530	4.36	44.4	1.2	26.6	334	900	26.2	10.5	4.2	292	
4642	201	202	< 5	63	630	14.25	287	3.2	4.4	256	5080	224	74.5	39.0	250	
4643	201	202	20	55	370	13.15	145.5	1.6	4.7	214	5630	110.0	69.0	18.2	247	
4644	201	202	20	46	190	9.62	161.5	4.0	0.9	177.0	2430	110.0	53.0	19.2	51	
4645	201	202	75	62	420	8.72	193.0	1.6	1.4	174.5	2700	188.5	76.0	32.6	257	
4646	201	202	10	14	191	23.5	12.0	2.4	3.5	441	2020	11.2	15.5	< 0.2	71	
4647	201	202	25	100	400	4.44	227	0.8	1.7	101.5	3060	133.5	138.5	51.8	345	
4648	201	202	30	26	480	2.40	297	1.2	0.6	122.5	1700	76.4	39.5	24.8	442	
4649	201	202	< 5	11	127	7.02	1.2	0.6	4.0	153.0	140	0.6	4.0	< 0.2	24	
4650	201	202	< 5	10	185	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	
4651	201	202	< 5	5	390	0.50	5.4	< 0.2	2.7	45.2	140	2.6	7.0	< 0.2	292	
4652	201	202	< 5	13	3300	0.20	6.8	0.6	25.7	40.0	50	4.4	11.5	< 0.2	1845	
4653	201	202	< 5	4	84	0.42	< 0.2	< 0.2	1.0	11.4	150	0.6	2.0	< 0.2	60	
4654	201	202	< 5	7	84	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	
4655	201	202	< 5	10	120	0.28	4.0	< 0.2	0.9	16.6	80	3.0	12.0	< 0.2	107	
4656	201	202	< 5	8	130	4.16	< 0.2	< 0.2	4.2	99.0	340	0.4	8.0	< 0.2	97	
4657	201	202	< 5	5	510	0.84	< 0.2	< 0.2	9.6	90.2	80	0.8	3.5	< 0.2	371	
4658	201	202	< 5	13	215	0.28	29.0	0.2	1.3	62.6	100	3.2	14.5	< 0.2	241	

CERTIFICATION: Stuart Bichler

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certific.. Date: 21-AUG-96
Invoice No. :I9626633
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626633

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4659	201	202	< 5	6	71	0.16	0.8	< 0.2	2.0	14.2	150	1.0	4.5	< 0.2	48	
4660	201	202	< 5	7	103	0.12	8.0	< 0.2	0.4	24.4	70	1.8	6.5	< 0.2	102	
4661	201	202	300	5	36	0.24	< 0.2	< 0.2	0.7	26.6	90	1.0	1.5	< 0.2	22	
4662	201	202	< 5	5	46	0.20	< 0.2	< 0.2	0.8	18.8	50	1.2	3.0	< 0.2	29	
4663	201	202	< 5	8	45	0.06	3.4	< 0.2	0.1	6.8	30	1.4	6.0	< 0.2	51	
4664	201	202	< 5	16	400	0.42	12.2	< 0.2	1.6	19.0	250	3.0	15.0	< 0.2	295	
4665	201	202	< 5	7	27	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	
4666	201	202	< 5	13	1150	0.18	8.4	< 0.2	1.4	48.4	130	3.4	10.5	< 0.2	712	
4667	201	202	< 5	10	87	0.48	3.2	1.4	0.8	200	40	1.4	12.5	< 0.2	26	
4668	201	202	< 5	6	60	0.52	6.6	1.6	0.6	140.5	150	3.0	9.0	< 0.2	31	
4669	201	202	< 5	not/ss	not/ss	1.12	4.8	< 0.2	1.0	180.5	70	1.8	8.5	< 0.2	82	
4670	201	202	< 5	4	3500	0.20	2.0	< 0.2	40.5	234	180	3.4	4.5	< 0.2	2460	
4671	201	202	10	11	2950	0.40	20.2	0.2	15.3	42.4	200	3.4	11.0	< 0.2	1965	
4672	201	202	< 5	12	2250	0.74	8.8	1.0	7.0	59.0	280	2.6	10.5	< 0.2	830	
4673	201	202	< 5	9	350	0.24	2.8	< 0.2	2.4	45.2	170	2.0	7.5	< 0.2	219	
4674	201	202	< 5	16	215	0.22	8.0	< 0.2	3.1	27.2	80	3.2	15.0	< 0.2	188	
4675	201	202	< 5	12	115	0.28	10.0	< 0.2	2.4	32.6	60	3.2	11.5	< 0.2	110	
4676	201	202	< 5	9	70	0.90	6.0	< 0.2	0.7	45.8	600	7.2	8.5	0.6	50	
4677	201	202	15	38	60	3.70	125.0	0.2	0.3	24.6	4590	52.6	47.5	43.8	69	
4679	201	202	10	35	80	4.76	140.5	0.6	0.3	36.4	1250	40.8	39.5	25.4	61	
4680	201	202	45	49	68	6.56	74.6	0.6	1.3	34.6	4210	47.2	50.0	46.0	58	
4681	201	202	30	53	74	4.68	95.4	0.4	0.4	43.6	2250	48.6	51.0	31.4	72	
4682	201	202	10	27	110	2.02	94.4	0.6	0.5	130.0	440	20.0	33.0	6.4	102	
4683	201	202	15	21	86	3.60	21.2	0.2	1.1	83.8	560	16.0	16.0	4.8	75	
4684	201	202	< 5	6	55	3.16	0.8	< 0.2	1.3	53.8	80	1.2	5.0	< 0.2	43	
4685	201	202	< 5	6	60	3.38	< 0.2	0.2	1.0	94.6	130	0.8	5.5	< 0.2	42	
4686	201	202	45	32	730	11.50	237	1.6	1.3	184.5	1300	48.2	41.5	25.4	604	
4687	201	202	15	22	138	36.3	15.2	1.2	3.5	375	4290	16.2	27.5	1.8	86	
4688	201	202	70	40	320	2.24	184.0	1.2	0.5	69.4	3250	150.5	53.5	39.0	274	
4689	201	202	< 5	21	105	3.66	20.6	5.8	0.6	124.0	340	4.4	< 0.5	< 0.2	6	
4690	201	202	25	10	940	2.90	62.2	1.2	1.9	177.5	770	62.0	20.5	6.4	941	
4692	201	202	75	38	350	4.66	388	1.2	1.6	105.0	2160	167.5	53.5	49.2	305	
4693	201	202	10	17	90	4.62	17.6	0.6	1.1	137.5	500	15.6	22.5	2.6	72	
4694	201	202	100	29	370	7.22	141.5	1.2	2.7	99.0	1850	126.0	36.5	39.6	310	
4695	201	202	10	5	560	8.36	5.4	0.8	8.9	146.5	990	5.6	8.5	< 0.2	264	
4696	201	202	10	16	188	2.66	80.2	1.6	2.9	104.0	550	31.2	20.5	12.0	142	
4697	201	202	40	8	200	3.08	41.0	1.6	0.3	67.2	810	54.4	13.5	13.0	318	
4698	201	202	15	16	196	3.16	41.4	6.2	< 0.1	229	1210	12.6	1.5	1.8	13	
4699	201	202	20	12	40	0.64	3.2	0.2	1.5	63.0	40	1.2	11.5	< 0.2	35	
4700	201	202	55	17	1050	0.96	106.0	1.2	3.6	120.5	1050	47.2	21.5	8.6	797	

CERTIFICATION: Gavin Bichler

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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :4
Total :4
Certificate Date: 21-AUG-96
Invoice No. : I9626633
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626633

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4702	201	202	< 5	27	148	10.05	10.8	0.8	1.7	246	700	7.4	33.0	1.0	106	
4704	201	202	20	26	205	1.60	53.8	0.4	0.7	105.5	240	12.4	28.5	2.4	208	
4705	201	202	< 5	8	81	2.24	6.2	< 0.2	1.2	60.0	230	2.8	10.0	< 0.2	57	
4706	201	202	< 5	8	280	0.30	10.6	< 0.2	0.6	40.0	70	2.2	7.5	< 0.2	268	
4750	201	202	< 5	11	143	1.84	80.0	0.4	0.8	117.0	630	16.8	15.5	2.0	147	
4751	201	202	< 5	7	63	0.10	12.4	< 0.2	0.2	17.4	40	2.0	7.0	< 0.2	69	
4752	201	202	< 5	11	96	0.78	26.6	< 0.2	0.1	18.8	150	6.4	10.0	1.0	103	
4753	201	202	< 5	8	171	1.20	30.4	0.2	0.4	29.0	260	6.2	9.5	0.4	181	
4754	201	202	< 5	1	148	0.34	9.0	0.8	3.1	28.0	100	1.2	4.5	< 0.2	121	
4755	201	202	< 5	6	28	0.18	5.0	0.4	0.3	7.8	170	1.2	4.0	< 0.2	18	
4756	201	202	< 5	8	10	7.14	1.8	< 0.2	1.2	52.2	330	1.4	6.5	< 0.2	3	
4758	201	202	< 5	21	143	10.25	67.8	1.8	0.5	279	760	50.4	28.5	9.0	133	
4759	201	202	< 5	< 1	76	6.34	88.2	2.4	0.8	274	470	8.6	4.5	2.6	9	
4760	201	202	< 5	40	187	3.56	153.0	0.8	0.3	125.0	1090	78.4	49.5	13.8	214	
4761	201	202	< 5	21	148	2.76	138.0	0.6	0.6	148.0	840	51.4	33.5	9.8	169	
4762	201	202	< 5	22	84	2.82	61.0	< 0.2	0.5	73.4	320	20.6	27.5	3.8	96	
4763	201	202	< 5	22	71	4.54	71.4	0.8	0.4	143.0	510	13.6	29.0	3.6	67	
4764	201	202	< 5	31	107	1.48	28.2	0.8	0.5	73.0	160	23.2	37.5	3.6	103	
4765	201	202	< 5	8	143	0.36	18.0	0.2	0.2	35.4	270	6.2	8.5	0.2	153	
4766	201	202	< 5	6	50	1.14	17.4	< 0.2	0.7	63.0	230	8.0	7.0	0.6	49	
4767	201	202	< 5	32	300	1.58	153.5	0.8	1.1	70.2	1260	55.6	41.0	11.6	246	
4768	201	202	< 5	9	55	0.40	9.8	< 0.2	0.4	22.0	50	3.6	8.5	< 0.2	59	
4769	201	202	< 5	12	123	0.30	33.4	0.8	0.2	51.2	100	12.4	14.0	1.6	111	
4770	201	202	< 5	13	76	0.58	11.8	< 0.2	0.2	19.6	90	4.2	12.5	< 0.2	76	
4771	201	202	< 5	67	23	1.38	7.6	0.8	0.8	95.6	70	2.6	47.0	< 0.2	18	
4772	201	202	< 5	13	64	1.02	2.2	< 0.2	3.5	57.2	140	4.4	13.0	< 0.2	43	
4773	201	202	< 5	10	51	0.48	4.4	0.4	0.6	45.6	230	2.0	9.0	< 0.4	42	
4774	201	202	65	40	135	not/ss	not/ss	not/ss	not/ss	not/ss	110	not/ss	not/ss	not/ss	not/ss	
4775	201	202	< 5	3	65	1.22	0.8	0.2	1.3	55.0	170	1.0	3.5	< 0.2	37	
4776	201	202	< 5	4	64	0.44	3.4	1.4	0.7	86.6	200	0.6	2.5	< 0.2	28	
4777	201	202	< 5	3	66	0.44	6.6	0.8	1.1	83.4	200	1.4	7.5	< 0.2	59	
4778	201	202	< 5	3	270	0.38	0.8	0.4	8.3	32.8	130	0.6	4.0	< 0.2	153	
4779	201	202	< 5	< 1	42	0.90	< 0.2	< 0.2	3.0	13.6	110	0.4	2.0	< 0.2	29	
4780	201	202	< 5	26	150	1.36	65.0	1.0	2.2	60.8	10	31.6	26.5	9.2	105	
4781	201	202	< 5	5	1550	2.50	8.2	1.0	24.7	848	480	3.4	7.5	< 0.2	951	
4782	201	202	< 5	9	82	0.40	28.8	0.2	0.2	40.6	230	7.0	11.5	2.0	82	
4783	201	202	< 5	2	14	0.14	18.2	0.2	< 0.1	21.6	60	2.8	6.5	< 0.2	20	
4784	201	202	< 5	9	73	0.64	18.4	1.2	0.3	31.6	200	7.0	12.5	0.6	9	
4788	201	202	< 5	63	100	9.84	247	1.2	< 0.1	76.2	2260	59.6	83.0	32.8	71	
4789	201	202	< 5	25	165	10.65	149.0	1.6	0.2	114.0	890	29.8	33.0	17.6	107	

CERTIFICATION: Stan Buchler

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M5C 2V9

A9623745

Comments: ATN: J. BURGESS

CERTIFICATE A9623745

(LZV) - KENNECOTT CANADA INC.

Project: 40-422
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 15-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	4	Geochem ring to approx 150 mesh
226	4	0-3 Kg crush and split
3202	4	Rock - save entire reject
238	4	Nitric-aqua-regia digestion
229	4	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	4	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	4	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	4	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	4	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	4	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	4	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	4	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	4	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	4	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	4	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	4	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	4	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	4	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	4	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	4	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	4	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	4	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	4	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	4	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	4	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	4	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	4	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	4	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	4	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	4	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	4	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	4	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	4	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	4	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	4	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	4	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	4	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	4	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	4	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	4	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-422
Comments: ATN: J. BURGESS

Page Number :1-A
Total Pages :1
Certificate Date: 21-JUL-96
Invoice No. :I9623745
P.O. Number :
Account :LZV

* CORRECTED COPY

CERTIFICATE OF ANALYSIS A9623745

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
3188	205	226	< 5	12	25	< 0.2	1.17	68	180	0.5	< 2	0.14	< 0.5	15	53	333	3.08	< 10	160	0.41	30
3189	205	226	< 5	71	100	< 0.2	0.36	42	60	< 0.5	< 2	8.95	< 0.5	11	29	25	5.50	< 10	140	0.27	10
6750	205	226	< 5	68	19	< 0.2	0.89	< 2	40	< 0.5	< 2	0.03	< 0.5	21	88	20	5.77	< 10	50	0.24	< 10
6797	205	226	< 5	11	135	0.2	2.21	10	70	0.5	< 2	0.59	< 0.5	16	65	59	3.77	< 10	110	0.40	20

CERTIFICATION: Hart Bichler

* FOR SAMPLES 6750 AND 6797 ON THE ICP AS WELL AS FOR ALL SAMPLES OF Zn FOR THE ICP.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Account : LZV

* CORRECTED COPY

CERTIFICATE OF ANALYSIS A9623745

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3188	205	226	0.32	280	1	0.01	182	850	12	2	5	22	< 0.01	< 10	< 10	13	< 10	24
3189	205	226	1.59	2860	< 1	0.01	33	640	70	< 2	5	622	< 0.01	< 10	< 10	5	< 10	90
6750	205	226	0.34	50	< 1	0.01	55	180	70	< 2	1	7	0.01	< 10	< 10	13	< 10	14
6797	205	226	1.19	340	< 1	< 0.01	49	770	18	< 2	8	16	0.31	< 10	< 10	43	< 10	130

CERTIFICATION:

* FOR SAMPLES 6750 AND 6797 ON THE ICP AS WELL AS FOR ALL SAMPLES OF Zn FOR THE ICP.

Chemex Labs Ltd.

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To: KENNECOTT CANADA INC.
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1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
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M5C 2V9

A9626634

Comments: ATN: J. BURGESS

CERTIFICATE A9626634

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

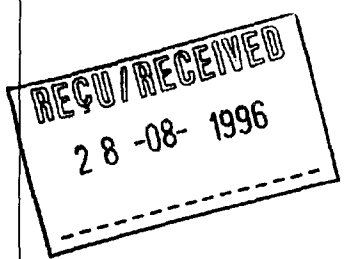
Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
202	160	save reject
238	160	Nitric-aqua-regia digestion
3296	157	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	159	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	160	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	160	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	157	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	157	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	157	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	157	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	157	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	160	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	157	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	157	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	157	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	157	Zn ppm: Ultra trace package	EXT-ICP	1	5000



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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :1
Total :4
Certificate Date: 21-AUG-96
Invoice No. :I9626634
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626634

SAMPLE	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
4790	201 202	< 5	10	88	9.10	29.6	2.0	1.5	257	600	11.2	13.0	1.0	36
4791	201 202	< 5	102	105	5.92	62.8	1.2	2.0	578	550	23.6	128.0	3.2	110
4792	201 202	< 5	34	55	1.74	43.6	0.2	0.3	71.2	430	12.8	40.5	1.8	57
4793	201 202	< 5	17	91	0.92	32.2	0.2	0.6	89.0	160	9.2	18.5	2.0	90
4794	201 202	< 5	22	210	5.58	45.8	0.8	4.2	365	530	16.0	26.5	1.4	181
4795	201 202	< 5	33	152	1.04	22.0	3.2	1.1	81.2	290	12.0	41.0	3.8	134
4796	201 202	< 5	22	196	0.32	38.4	0.4	0.3	49.4	150	21.2	23.0	3.4	189
4797	201 202	15	38	520	2.56	76.4	1.8	4.3	321	980	34.4	55.0	5.4	455
4798	201 202	< 5	9	63	2.28	5.0	0.2	2.0	98.4	250	3.2	12.5	< 0.2	55
4799	201 202	< 5	6	92	2.14	4.0	0.2	2.4	51.4	250	3.4	6.0	< 0.2	63
4800	201 202	< 5	6	400	0.28	15.8	0.2	1.1	39.2	110	2.2	11.5	< 0.2	370
4801	201 202	< 5	7	162	0.12	11.2	< 0.2	0.5	21.6	50	1.4	9.0	< 0.2	156
4802	201 202	< 5	11	146	0.14	13.8	< 0.2	0.6	32.2	80	1.6	11.0	< 0.2	145
4803	201 202	< 5	5	58	0.98	4.4	1.0	1.8	53.2	220	1.2	11.5	< 0.2	25
4804	201 202	< 5	12	164	0.36	11.2	0.4	0.9	14.6	70	2.8	14.5	< 0.2	141
4805	201 202	< 5	9	83	0.20	13.6	0.2	0.5	30.2	60	2.2	12.5	< 0.2	74
4806	201 202	< 5	11	92	0.14	13.2	< 0.2	0.3	31.0	50	1.8	12.0	< 0.2	88
4807	201 202	< 5	17	124	0.22	8.8	0.2	1.0	28.0	70	2.2	21.5	< 0.2	111
4808	201 202	< 5	13	72	0.08	13.4	< 0.2	0.4	11.2	30	2.2	13.0	< 0.2	62
4809	201 202	< 5	2	142	0.18	16.2	< 0.2	0.5	30.8	120	2.6	13.0	< 0.2	147
4810	201 202	< 5	9	106	0.16	9.0	0.2	0.3	27.8	90	2.0	9.0	< 0.2	97
4811	201 202	< 5	4	125	0.82	2.2	0.2	2.0	55.8	180	3.6	10.0	0.6	56
4812	201 202	< 5	2	31	0.88	0.2	0.2	0.6	38.2	370	2.4	4.5	< 0.2	7
4813	201 202	15	15	119	1.80	12.8	0.4	0.8	159.5	720	7.4	14.5	0.8	30
4814	201 202	75	23	950	2.24	62.6	2.0	6.1	509	1460	51.4	18.0	15.6	104
4815	201 202	70	33	460	9.60	34.0	0.6	10.6	153.0	1320	53.0	39.0	5.4	104
4816	201 202	10	9	800	2.88	11.8	1.0	16.7	791	820	11.0	6.0	1.0	77
4817	201 202	10	10	170	not/ss	not/ss	not/ss	not/ss	not/ss	330	not/ss	not/ss	not/ss	not/ss
4818	201 202	20	11	420	2.12	103.0	2.2	0.7	176.5	250	31.8	15.5	6.6	55
4819	201 202	10	12	200	6.30	15.2	0.8	3.5	162.0	570	10.0	9.0	< 0.2	17
4820	201 202	5	13	157	3.78	10.6	0.8	2.8	205	470	3.6	20.0	< 0.2	65
4821	201 202	< 5	8	40	0.72	2.8	< 0.2	0.3	38.0	60	1.2	10.5	< 0.2	31
4822	201 202	< 5	18	158	1.40	48.8	1.0	0.4	143.5	380	15.0	23.5	5.8	51
4823	201 202	20	25	90	1.46	106.0	2.0	< 0.1	82.8	440	25.4	30.0	21.2	35
4824	201 202	10	24	173	2.78	41.6	0.8	0.9	87.6	330	8.8	28.0	1.4	108
4825	201 202	< 5	8	73	0.98	50.0	1.8	0.1	61.8	560	36.6	14.5	10.4	22
4826	201 202	< 5	13	39	0.78	20.0	2.0	0.4	27.2	510	10.8	7.0	2.0	4
4827	201 202	< 5	20	36	0.78	26.4	2.2	0.4	28.2	380	4.0	18.5	1.0	6
4828	201 202	< 5	< 1	28	0.02	12.0	5.0	< 0.1	4.0	60	< 0.2	< 0.5	< 0.2	3
4829	201 202	< 5	< 1	7	0.40	1.2	0.4	0.2	12.8	340	5.2	1.0	< 0.4	< 2

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 21-AUG-96
Invoice No. :I9626634
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9626634

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4830	201	202	< 5	14	146	1.64	13.4	0.2	1.2	27.6	1010	6.4	12.0	4.6	35	
4831	201	202	< 5	11	106	1.86	13.2	0.4	1.2	30.8	580	5.8	9.5	4.8	17	
4840	201	202	< 5	46	77	3.52	17.4	1.6	1.7	171.0	760	8.2	9.5	2.4	6	
4841	201	202	15	13	104	3.90	12.2	2.2	1.4	141.5	630	4.2	1.5	0.8	7	
4842	201	202	5	20	97	1.20	112.0	2.2	0.4	123.5	500	29.8	17.0	17.6	16	
4843	201	202	< 5	4	40	2.72	9.2	3.0	0.3	62.4	770	3.0	< 0.5	0.2	4	
4844	201	202	35	32	320	5.54	170.0	2.2	1.4	120.0	2090	144.0	22.0	32.0	43	
4845	201	202	45	20	660	6.08	158.0	2.4	1.5	198.5	940	80.4	8.5	22.0	38	
4846	201	202	90	94	460	10.75	198.5	3.2	0.5	110.5	2360	272	2.0	56.8	26	
4848	201	202	15	28	430	0.90	48.6	2.0	5.1	143.5	170	42.4	13.5	9.6	39	
4850	201	202	not/ss	10	320	11.90	29.6	0.4	6.6	434	750	23.6	15.0	2.4	150	
4851	201	202	< 5	14	52	1.84	124.5	2.8	< 0.2	212	1050	29.2	40.0	4.8	162	
4852	201	202	< 5	13	157	1.38	19.4	0.8	0.1	46.4	150	4.2	8.5	1.0	16	
4853	201	202	< 5	10	72	0.24	41.4	0.6	< 0.1	57.0	140	8.8	20.0	1.6	61	
4854	201	202	< 5	22	84	1.12	24.0	0.8	0.7	93.6	310	5.8	24.5	0.4	28	
4855	201	202	< 5	12	370	1.78	10.6	0.6	4.0	76.8	310	3.0	17.5	< 0.2	105	
4856	201	202	< 5	3	88	0.44	< 0.2	< 0.2	2.3	14.8	140	0.6	0.5	< 0.2	12	
4857	201	202	< 5	4	88	0.12	1.8	0.2	0.3	15.2	80	1.2	7.0	< 0.2	66	
4858	201	202	< 5	3	107	0.12	3.6	0.2	0.2	18.8	70	0.6	7.0	< 0.2	86	
4859	201	202	< 5	5	75	0.16	1.4	0.2	0.5	41.8	80	1.0	11.0	< 0.2	41	
4860	201	202	< 5	6	70	0.14	3.2	0.6	0.2	17.6	100	1.4	5.5	< 0.2	28	
4861	201	202	< 5	< 1	11	1.82	4.0	1.2	0.1	21.8	350	12.8	0.5	< 0.2	1	
4862	201	202	< 5	< 1	8	1.20	1.0	0.2	0.4	11.6	160	1.8	3.5	< 0.2	1	
4868	201	202	< 5	< 1	17	0.02	36.0	0.6	< 0.1	2.2	20	1.6	3.0	< 0.2	15	
4869	201	202	< 5	< 1	73	0.72	1.4	0.8	1.9	28.4	250	1.4	4.0	< 0.2	16	
4870	201	202	< 5	5	480	0.80	7.8	1.8	1.4	147.0	270	2.2	5.5	< 0.2	31	
4871	201	202	< 5	22	113	0.88	76.0	1.0	0.3	93.8	1070	17.0	32.0	4.6	74	
4873	201	202	< 5	3	34	not/ss	not/ss	not/ss	not/ss	not/ss	400	not/ss	not/ss	not/ss	not/ss	
4874	201	202	< 5	8	65	0.50	21.2	1.8	< 0.1	48.4	130	6.8	11.5	0.6	12	
4877	201	202	10	10	220	1.86	20.2	0.4	0.1	37.4	420	5.2	8.0	0.4	110	
4878	201	202	< 5	14	175	1.04	19.8	0.6	0.9	53.2	350	13.0	21.0	1.8	154	
4879	201	202	< 5	23	171	1.54	27.6	0.8	0.8	63.2	260	13.2	26.0	1.6	164	
4880	201	202	< 5	10	125	0.72	6.8	0.2	< 0.1	37.6	110	2.2	10.5	< 0.2	132	
4881	201	202	< 5	16	46	not/ss	not/ss	not/ss	not/ss	not/ss	230	not/ss	not/ss	not/ss	not/ss	
4882	201	202	< 5	16	193	0.22	1.2	1.0	3.9	157.5	150	0.8	17.0	< 0.2	107	
4900	201	202	< 5	14	150	1.34	13.0	0.6	2.0	83.0	190	7.0	17.5	< 0.2	137	
4901	201	202	20	43	410	1.70	153.0	1.0	1.2	163.5	260	17.8	48.5	2.6	410	
4902	201	202	< 5	11	1600	0.42	8.0	0.4	11.4	53.4	270	2.8	11.0	< 0.2	883	
4903	201	202	< 5	6	100	0.10	2.8	< 0.2	0.5	20.0	80	1.4	7.5	< 0.2	108	
4904	201	202	< 5	8	86	0.10	< 0.2	0.2	0.3	16.0	90	0.8	6.0	< 0.2	49	

CERTIFICATION: Stuart Bickle

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To: KENNECOTT CANADA INC.
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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 21-AUG-96
Invoice No. : I9626634
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626634

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4905	201	202	< 5	< 1	20	0.06	15.4	1.0	0.1	7.0	110	0.6	3.0	< 0.2	13	
4906	201	202	< 5	4	11	0.58	13.6	0.8	0.4	33.2	190	2.6	5.5	< 0.2	7	
4908	201	202	< 5	26	360	1.20	141.0	1.2	1.2	64.0	870	33.0	37.0	16.2	250	
4914	201	202	< 5	6	52	0.44	170.5	2.4	< 0.1	71.4	120	12.0	9.0	2.0	10	
4915	201	202	< 5	< 1	28	1.30	25.2	1.0	< 0.1	27.2	550	4.0	8.5	1.2	22	
4916	201	202	< 5	19	65	1.86	36.2	0.2	0.2	23.4	280	15.6	25.0	3.2	71	
4917	201	202	< 5	16	60	0.88	87.8	1.0	0.1	52.4	450	23.6	29.5	7.0	68	
4918	201	202	< 5	17	160	5.74	27.6	1.2	0.9	86.2	920	14.6	24.5	1.8	110	
4919	201	202	40	30	390	2.70	102.0	0.6	0.3	199.5	810	37.8	35.0	8.4	351	
4920	201	202	45	39	130	1.64	52.8	0.4	0.1	90.8	250	19.2	42.5	3.2	137	
4921	201	202	25	36	680	1.24	91.8	0.6	7.7	211	320	18.0	41.0	2.0	602	
4922	201	202	5	10	142	2.16	4.4	0.2	3.8	46.0	300	3.8	7.0	< 0.2	71	
4923	201	202	< 5	8	390	0.30	6.6	0.2	2.0	67.6	110	1.6	7.0	< 0.2	355	
4924	201	202	< 5	13	200	0.46	2.6	< 0.2	2.6	119.0	120	1.8	9.0	< 0.2	217	
6544	201	202	< 5	12	115	0.38	17.8	0.6	0.3	42.4	30	13.0	15.5	< 0.2	130	
6545	201	202	< 5	22	225	0.48	1.0	1.2	0.7	89.2	60	19.2	21.5	< 0.2	252	
6546	201	202	< 5	6	134	0.66	10.2	1.2	0.1	77.0	30	10.2	8.0	0.2	122	
6547	201	202	< 5	11	169	0.84	7.6	0.8	0.1	43.0	50	15.2	18.0	0.2	185	
6548	201	202	< 5	16	120	1.24	25.6	0.2	< 0.1	43.8	60	11.6	18.5	0.6	118	
6549	201	202	< 5	< 1	116	0.56	4.4	0.8	0.4	225	20	4.4	8.5	< 0.2	147	
6729	201	202	< 5	< 1	19	0.08	1.6	1.0	0.1	8.8	60	0.8	6.0	< 0.2	17	
6730	201	202	< 5	9	21	0.12	0.2	0.8	0.5	81.4	80	0.8	5.5	< 0.2	19	
6731	201	202	< 5	< 1	80	< 0.02	< 0.2	< 0.2	0.1	43.0	10	0.2	1.5	< 0.2	88	
6732	201	202	< 5	< 1	32	0.10	15.4	0.2	0.1	278	30	0.8	3.0	< 0.2	56	
6733	201	202	< 5	< 1	10	0.02	< 0.2	0.2	0.1	60.2	50	0.6	2.5	< 0.2	12	
6734	201	202	< 5	2	18	0.14	< 0.2	< 0.2	0.6	16.0	130	0.6	0.5	< 0.2	14	
6735	201	202	< 5	3	154	0.08	< 0.8	< 0.8	2.8	53.6	170	0.8	2.0	< 0.8	164	
6736	201	202	< 5	< 1	110	0.08	< 0.2	0.2	3.9	52.6	120	0.2	1.0	< 0.2	59	
6737	201	202	< 5	9	2300	0.08	< 0.2	0.2	3.8	50.8	40	1.0	7.5	< 0.2	1795	
6738	201	202	< 5	10	180	0.10	5.0	0.2	0.6	80.4	50	7.8	13.0	< 0.2	214	
6739	201	202	< 5	4	78	0.26	< 0.2	0.2	0.7	184.0	90	1.2	12.5	< 0.2	79	
6740	201	202	< 5	< 1	33	0.14	< 0.2	< 0.2	0.3	14.2	120	0.4	3.5	< 0.2	18	
6741	201	202	< 5	< 1	11	0.08	< 0.2	0.2	0.5	36.2	90	1.4	1.5	< 0.2	6	
6742	201	202	< 5	4	65	< 0.02	< 0.2	0.2	0.1	189.5	< 10	0.4	2.0	< 0.2	70	
7485	201	202	< 5	< 1	6	0.08	< 0.2	0.6	0.1	20.8	90	0.8	1.5	< 0.2	5	
7486	201	202	< 5	2	19	< 0.02	< 0.2	0.2	0.1	21.2	30	0.6	5.0	< 0.2	41	
7487	201	202	5	< 1	41	0.14	8.0	0.6	< 0.1	19.4	20	4.6	5.5	< 0.2	46	
7488	201	202	10	< 1	29	0.02	< 0.2	< 0.2	0.1	25.6	50	0.2	1.5	< 0.2	33	
7489	201	202	< 5	3	20	0.20	< 0.2	0.2	< 0.1	53.2	10	0.8	7.0	< 0.2	23	
7490	201	202	< 5	10	67	0.06	2.8	< 0.2	< 0.1	26.0	10	1.2	12.5	< 0.2	76	

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page : 1 of 4
Total : 4
Certificate Date: 21-AUG-96
Invoice No. : I9626634
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9626634

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
7491	201	202	25	24	74	1.16	72.6	1.2	0.1	20.8	100	24.6	22.5	7.6	60
7492	201	202	15	15	26	0.92	22.2	0.2	< 0.1	21.6	60	4.8	14.0	< 0.2	27
7493	201	202	5	< 1	70	5.46	9.4	1.0	< 0.1	36.0	30	15.6	5.5	< 0.2	64
7494	201	202	< 5	< 1	37	0.08	1.6	1.6	0.1	35.0	40	0.2	2.5	< 0.2	24
7495	201	202	10	2	106	0.02	1.4	0.2	< 0.1	98.8	< 10	0.8	6.5	< 0.2	106
7496	201	202	< 5	< 1	70	0.10	1.4	< 0.2	< 0.1	39.4	10	1.2	5.5	< 0.2	75
7497	201	202	< 5	3	21	0.20	0.2	0.2	0.7	109.0	200	1.0	4.0	< 0.2	13
7498	201	202	10	4	43	0.08	1.2	< 0.2	0.3	158.5	70	1.0	7.0	< 0.2	34
7499	201	202	< 5	8	33	0.06	9.4	< 0.2	0.2	55.2	30	1.2	11.0	< 0.2	31
7776	201	202	< 5	4	43	1.46	< 0.2	< 0.2	0.3	137.0	100	0.6	2.5	< 0.2	32
7777	201	202	< 5	3	620	0.08	4.4	< 0.2	0.1	77.2	20	3.6	14.0	< 0.2	615
7778	201	202	< 5	13	82	0.50	0.6	< 0.2	0.5	62.0	100	0.8	14.5	< 0.2	61
7779	201	202	< 5	8	98	0.08	4.4	< 0.2	0.3	52.2	50	1.6	14.0	< 0.2	102
7780	201	202	< 5	< 1	66	0.18	8.8	< 0.2	0.5	68.4	40	0.6	3.5	< 0.2	44
7781	201	202	< 5	< 1	140	0.08	5.8	< 0.2	0.3	84.2	20	1.8	8.0	< 0.2	161
7782	201	202	< 5	< 1	32	0.32	1.2	< 0.2	0.4	53.4	150	1.8	5.0	< 0.2	20
7783	201	202	< 5	7	53	0.02	3.6	0.8	0.1	21.8	50	1.2	8.0	< 0.2	38
7784	201	202	< 5	< 1	13	< 0.02	< 0.2	< 0.2	< 0.1	19.4	10	0.2	2.5	< 0.2	12
7785	201	202	< 5	18	87	2.18	4.2	1.0	0.3	213	60	3.8	28.0	0.2	50
7786	201	202	< 5	< 1	15	0.06	2.2	1.0	0.1	10.0	70	1.2	1.5	< 0.2	3
7787	201	202	< 5	9	58	0.10	2.2	< 0.2	0.1	43.0	30	1.2	8.0	< 0.2	45
7788	201	202	< 5	1	133	0.22	3.8	0.6	0.1	88.4	10	7.2	12.0	< 0.2	153
7789	201	202	< 5	4	74	0.16	1.8	< 0.2	< 0.1	42.6	50	1.6	6.5	< 0.2	73
7791	201	202	< 5	11	58	0.08	3.6	< 0.2	< 0.1	42.2	10	1.0	13.5	< 0.2	75
7792	201	202	< 5	9	55	1.66	27.8	2.0	< 0.1	66.2	70	1.4	20.5	< 0.2	27
7794	201	202	< 5	6	95	0.58	19.4	< 0.2	< 0.1	31.6	10	24.2	16.0	< 0.2	104
7795	201	202	< 5	10	155	1.06	6.2	0.2	< 0.1	39.2	40	13.8	17.0	< 0.2	95
7797	201	202	< 5	10	83	1.38	32.0	< 0.2	0.1	50.8	50	15.8	19.0	< 0.2	201
7798	201	202	< 5	3	60	0.80	5.4	< 0.2	< 0.1	32.8	20	4.2	13.0	< 0.2	63
7799	201	202	< 5	6	84	1.48	6.4	< 0.2	< 0.1	36.2	30	2.6	11.0	< 0.2	94
7964	201	202	< 5	100	250	0.72	3.4	1.2	0.3	70.6	40	1.4	118.5	< 0.2	312
7965	201	202	< 5	< 1	19	< 0.02	2.8	2.8	0.1	18.0	60	< 0.2	3.0	< 0.2	10
7966	201	202	< 5	< 1	910	0.10	1.0	1.6	2.8	137.0	10	< 0.2	< 0.5	< 0.2	36
7967	201	202	< 5	14	42	0.74	7.8	1.4	0.3	20.8	120	1.6	22.0	< 0.2	24
7968	201	202	140	56	240	1.92	219	1.6	0.1	28.6	360	106.0	62.5	27.0	277
7969	201	202	< 5	6	62	0.14	30.0	0.6	0.1	26.0	30	8.0	15.5	11.6	73
7970	201	202	< 5	< 1	12	< 0.02	6.0	0.6	< 0.1	3.8	30	0.2	2.0	< 0.2	12
7971	201	202	< 5	< 1	18	< 0.02	2.0	1.8	< 0.1	34.2	30	0.6	3.0	< 0.2	14
7972	201	202	< 5	< 1	9	< 0.02	< 0.2	< 0.2	0.3	6.2	110	0.6	0.5	< 0.2	3
7973	201	202	< 5	< 1	166	0.02	2.6	1.6	< 0.1	22.4	20	1.4	3.5	< 0.2	154

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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): KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9627575

Comments: ATN: J. BURGESS

CERTIFICATE A9627575

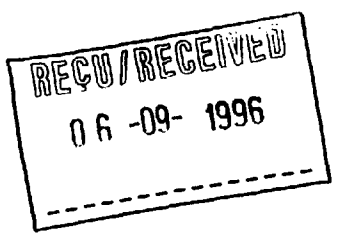
(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	80	Dry, sieve to -80 mesh
202	80	save reject
238	80	Nitric-aqua-regia digestion
3296	80	Ultra trace digestion



ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	78	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	80	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	80	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	79	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	79	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	79	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	79	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	79	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	80	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	79	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	79	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	79	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	79	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 02-SEP-96
Invoice No. :19627575
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9627575

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
1443	201	202	< 5	13	101	0.48	4.8	0.2	0.6	95.8	200	1.2	13.5	0.2	73	
1444	201	202	< 5	2	116	0.48	5.8	0.2	1.6	145.0	140	1.2	5.5	< 0.2	91	
1445	201	202	< 5	14	172	0.14	39.8	0.6	0.8	70.4	70	9.8	14.0	1.2	162	
1446	201	202	< 5	13	125	0.54	17.4	0.4	1.3	278	80	3.0	17.0	< 0.2	96	
1447	201	202	< 5	23	171	0.30	27.0	0.8	0.3	61.2	30	9.8	27.5	0.8	158	
1448	201	202	< 5	14	60	1.18	28.8	0.4	0.1	34.2	60	8.2	15.5	0.8	54	
1449	201	202	< 5	19	98	1.42	25.2	0.2	0.1	42.2	140	15.2	23.5	1.6	93	
1450	201	202	< 5	12	68	0.66	18.0	0.6	0.2	37.0	60	16.0	14.5	1.8	62	
1461	201	202	< 5	19	167	3.64	95.4	1.4	< 0.1	65.0	230	44.4	24.5	5.4	163	
1462	201	202	< 5	25	181	3.16	77.4	1.0	0.1	34.4	210	72.8	30.0	8.0	180	
1463	201	202	30	41	390	6.54	167.0	1.0	< 0.1	68.2	490	124.5	43.5	14.6	375	
1464	201	202	35	36	350	2.30	133.0	0.8	0.2	124.0	270	54.0	41.5	5.4	336	
1465	201	202	30	12	76	0.60	4.8	0.6	0.4	24.6	60	4.0	12.0	0.2	68	
1466	201	202	< 5	6	650	0.16	36.2	0.8	1.5	65.0	30	16.2	10.5	< 0.2	581	
1467	201	202	5	14	260	0.32	53.4	< 0.2	1.0	148.0	80	6.4	14.5	< 0.2	292	
1468	201	202	< 5	6	1550	1.30	16.2	2.2	5.2	135.5	200	3.4	9.0	< 0.2	561	
1469	201	202	< 5	5	131	1.54	3.2	< 0.2	2.6	209	290	1.0	3.5	0.2	66	
1470	201	202	10	23	245	0.42	34.8	0.8	0.4	98.8	130	11.0	24.5	0.2	224	
1471	201	202	20	15	85	0.76	20.0	1.0	0.4	54.2	70	13.0	19.0	7.6	73	
1472	201	202	15	5	64	0.32	4.4	0.8	0.8	29.8	90	1.0	6.5	< 0.2	46	
1473	201	202	< 5	4	40	0.90	< 0.2	< 0.2	0.7	11.4	210	0.4	7.0	< 0.2	25	
3205	201	202	< 5	7	78	0.08	4.2	< 0.2	0.2	24.0	50	2.2	6.0	< 0.2	73	
3206	201	202	< 5	6	45	0.06	0.8	< 0.2	0.1	18.8	60	1.0	5.0	< 0.2	47	
3207	201	202	< 5	5	50	0.06	2.0	< 0.2	< 0.1	17.2	30	1.0	6.0	< 0.2	52	
3208	201	202	< 5	7	48	0.04	1.6	< 0.2	< 0.1	15.6	40	0.6	4.5	< 0.2	49	
3209	201	202	< 5	5	42	0.04	2.4	< 0.2	0.1	16.0	40	0.8	5.0	< 0.2	45	
3210	201	202	< 5	11	60	0.06	1.6	< 0.2	0.1	22.2	30	1.0	8.5	< 0.2	69	
3211	201	202	< 5	9	54	0.06	2.0	< 0.2	< 0.1	24.6	50	1.0	9.0	< 0.2	55	
3212	201	202	< 5	3	39	0.04	1.4	< 0.2	0.1	15.2	30	0.8	6.0	< 0.2	40	
3213	201	202	< 5	4	53	0.06	3.6	< 0.2	0.1	17.6	40	0.6	6.0	< 0.2	60	
3214	201	202	< 5	3	39	0.06	0.6	< 0.2	< 0.1	15.8	40	0.4	5.0	< 0.2	40	
3215	201	202	< 5	17	142	0.28	18.2	0.6	0.6	183.5	60	4.2	18.5	< 0.2	181	
3216	201	202	< 5	13	186	0.30	12.6	0.2	1.1	92.0	100	2.8	16.5	< 0.2	195	
3217	201	202	< 5	8	165	0.52	7.6	0.6	1.1	81.0	130	2.0	10.5	< 0.2	110	
3218	201	202	< 5	10	179	0.36	7.8	0.2	0.5	55.6	80	2.0	12.5	< 0.2	201	
3219	201	202	< 5	8	170	0.26	5.2	0.2	0.6	47.0	100	1.8	11.5	< 0.2	174	
3220	201	202	< 5	10	190	0.36	8.4	0.2	0.6	57.4	110	2.2	12.5	< 0.2	186	
3221	201	202	< 5	< 1	110	0.32	3.2	2.0	0.9	61.4	50	0.2	7.5	< 0.2	95	
3222	201	202	< 5	15	67	0.56	38.2	0.6	0.4	17.6	30	16.2	18.0	2.2	64	
3223	201	202	< 5	400	136	11.05	64.0	2.8	0.1	149.0	920	19.6	290	9.8	58	

CERTIFICATION: Ian Bichler

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Project: 40-431
Comments: ATN: J. BURGESS

Certificate Date: 02-SEP-96
Invoice No. : I9627575
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CERTIFICATE OF ANALYSIS A9627575

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
3224	201	202	30	96	670	3.12	169.0	1.8	1.0	135.0	640	33.8	107.5	12.8	632	
3225	201	202	15	86	590	2.62	87.2	1.6	9.0	330	300	20.2	90.0	4.6	506	
3226	201	202	10	56	300	1.34	43.6	1.2	1.4	115.0	120	13.8	53.5	2.0	268	
3227	201	202	< 5	9	100	0.12	8.0	0.4	0.4	32.6	50	1.4	12.5	< 0.2	106	
3228	201	202	< 5	12	330	0.62	9.6	0.6	1.3	54.8	170	3.2	12.5	< 0.2	271	
3229	201	202	< 5	10	73	0.40	4.0	0.4	0.4	37.2	120	1.8	11.0	< 0.2	73	
3230	201	202	< 5	10	125	0.28	22.4	0.6	0.3	45.0	110	6.8	11.5	< 0.2	144	
3231	201	202	< 5	13	120	1.38	29.0	0.6	0.1	46.0	130	7.6	17.0	0.2	129	
3232	201	202	< 5	21	187	0.24	42.0	1.0	0.3	70.8	70	14.4	25.0	0.8	173	
3233	201	202	< 5	2	99	0.08	33.4	1.6	0.1	19.8	50	3.6	7.5	< 0.2	105	
3234	201	202	not/ss	1	38	0.44	0.6	0.4	1.0	13.4	110	0.6	3.5	< 0.2	24	
3235	201	202	< 5	6	70	0.08	2.4	0.2	0.1	21.4	30	0.4	8.5	< 0.2	72	
3236	201	202	< 5	14	83	0.70	8.6	0.8	0.3	81.4	30	4.8	16.0	< 0.2	78	
3237	201	202	< 5	16	160	0.12	31.6	0.6	0.3	46.4	30	6.0	19.5	< 0.2	159	
3238	201	202	< 5	18	181	0.12	16.4	0.6	0.3	58.6	80	5.4	19.5	< 0.2	178	
3239	201	202	not/ss	2	174	0.22	0.6	0.2	8.5	12.6	110	0.6	5.0	< 0.2	146	
3240	201	202	< 5	28	169	0.88	39.6	1.0	1.8	66.6	130	31.8	33.0	3.8	139	
4707	201	202	< 5	25	80	1.62	26.8	1.0	0.4	76.4	140	9.6	28.0	0.8	71	
4708	201	202	< 5	13	132	1.42	16.6	0.8	1.6	30.8	120	14.0	16.5	1.6	87	
4709	201	202	< 5	12	55	2.16	3.4	0.6	2.1	68.6	150	2.0	21.5	< 0.2	30	
4710	201	202	10	19	132	0.90	61.8	1.0	0.2	70.0	150	18.0	25.0	2.4	137	
4711	201	202	5	11	33	1.42	31.8	1.0	0.4	44.4	< 10	10.6	17.5	1.0	26	
4712	201	202	10	23	112	0.88	119.0	1.0	0.1	43.2	200	40.0	34.0	5.2	132	
4713	201	202	10	48	75	1.00	149.0	0.8	0.1	47.4	240	32.0	54.5	4.2	83	
4714	201	202	60	8	67	0.38	32.8	1.6	0.2	49.0	60	6.4	18.5	1.0	71	
4715	201	202	< 5	11	68	0.14	37.0	1.0	0.1	39.6	60	7.4	17.5	1.0	68	
4716	201	202	< 5	20	99	0.46	32.8	1.0	0.4	77.4	100	6.6	22.5	1.4	89	
4717	201	202	< 5	2	17	not/ss	not/ss	not/ss	not/ss	not/ss	150	not/ss	not/ss	not/ss	not/ss	
4718	201	202	< 5	28	9	0.38	1.6	0.2	0.3	31.2	120	0.6	30.0	< 0.2	6	
4719	201	202	< 5	6	42	0.26	30.8	0.6	0.1	39.6	50	6.8	11.0	0.8	40	
4720	201	202	< 5	15	69	0.12	59.0	0.4	< 0.1	31.4	60	17.2	20.5	2.8	64	
4721	201	202	< 5	< 1	15	0.02	2.4	< 0.2	< 0.1	4.0	20	1.0	3.0	< 0.2	11	
4722	201	202	< 5	5	52	0.08	19.6	0.2	0.1	15.4	30	3.6	11.5	< 0.2	52	
4723	201	202	< 5	8	35	0.18	7.2	0.2	< 0.1	8.4	20	2.2	10.5	< 0.2	36	
4724	201	202	< 5	5	71	0.42	12.0	0.6	0.7	35.6	40	10.8	11.0	1.4	61	
4725	201	202	< 5	4	40	0.18	3.0	0.2	< 0.1	9.4	< 10	1.2	8.5	< 0.2	39	
4726	201	202	< 5	7	36	0.26	6.4	0.2	< 0.1	10.2	10	2.8	11.5	0.2	35	
4727	201	202	< 5	27	81	0.52	17.0	2.2	0.3	20.6	30	5.4	32.5	1.4	49	
4728	201	202	< 5	11	82	0.48	14.0	0.4	< 0.1	26.2	110	5.0	19.0	< 0.2	86	
4729	201	202	< 5	< 1	64	0.02	5.8	0.8	< 0.1	40.2	40	0.8	6.5	< 0.2	67	

CERTIFICATION: Ian Bridges

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9627576

Comments: ATN: J. BURGESS

CERTIFICATE A9627576

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	80	Dry, sieve to -80 mesh
202	80	save reject
238	80	Nitric-aqua-regia digestion
3296	80	Ultra trace digestion

REÇU/RECEIVED
06 -09- 1996

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	79	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	80	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	80	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	78	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	78	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	78	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	78	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	78	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	79	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	78	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	78	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	78	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	78	Zn ppm: Ultra trace package	EXT-ICP	1	5000
866	79	Fusion weight in grams	BALANCE	0.01	30.00

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TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 02-SEP-96
Invoice No. :I9627576
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9627576

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	fusion wt. gm
4730	201	202	< 5	2	123	0.02	1.0	0.4	< 0.1	3.6	90	0.6	3.0	< 0.2	136	30.00
4731	201	202	< 5	10	79	0.50	11.6	0.4	< 0.1	39.0	70	5.0	13.5	< 0.2	82	15.00
4732	201	202	< 5	13	88	0.26	4.8	0.2	0.1	33.6	60	1.2	14.0	< 0.2	93	15.00
4733	201	202	< 5	14	25	0.32	50.4	0.4	0.3	48.6	30	8.6	18.0	< 0.2	20	15.00
4734	201	202	< 5	12	14	1.48	1.2	0.2	1.7	48.2	60	0.6	12.0	< 0.2	10	15.00
4735	201	202	< 5	5	13	1.00	5.0	0.4	0.4	59.6	170	1.6	7.0	0.8	8	15.00
4736	201	202	< 5	3	22	not/ss	not/ss	not/ss	not/ss	not/ss	90	not/ss	not/ss	not/ss	not/ss	10.00
4737	201	202	< 5	12	120	0.32	78.0	0.2	0.4	129.5	40	2.6	13.0	< 0.2	107	30.00
4738	201	202	< 5	4	22	0.54	2.8	0.2	0.6	34.4	100	0.6	4.0	< 0.2	13	10.00
4739	201	202	< 5	19	103	0.26	37.2	0.8	0.5	59.6	110	10.0	25.0	1.0	85	10.00
4740	201	202	< 5	20	99	0.30	55.8	0.2	0.4	93.8	210	5.2	21.0	0.6	103	30.00
4741	201	202	10	21	117	0.44	51.6	0.4	0.2	51.6	120	31.2	31.0	4.4	128	30.00
4742	201	202	< 5	12	64	0.84	22.6	0.8	0.5	40.2	60	13.6	15.5	1.8	57	15.00
4743	201	202	< 5	13	105	1.38	45.2	0.6	0.3	42.6	90	19.6	21.5	2.4	114	15.00
4744	201	202	< 5	34	83	2.08	10.0	0.8	2.3	96.6	80	9.0	38.0	1.0	62	10.00
4745	201	202	< 5	18	82	1.34	18.0	0.4	0.5	36.2	110	9.2	28.0	0.6	87	30.00
4746	201	202	45	78	94	2.66	96.8	1.0	0.6	70.0	170	31.2	76.0	15.8	80	10.00
4747	201	202	< 5	61	52	3.82	19.6	0.6	1.1	192.0	160	16.4	78.5	2.8	50	15.00
4748	201	202	< 5	10	53	0.60	34.4	0.6	< 0.1	17.2	50	14.4	14.0	2.2	44	30.00
4749	201	202	< 5	30	121	0.36	108.0	1.2	< 0.1	18.8	570	51.6	42.0	23.6	144	10.00
4886	201	202	< 5	37	102	3.86	84.4	2.2	< 0.1	125.5	480	20.6	39.5	4.2	75	10.00
4888	201	202	< 5	14	69	2.62	51.0	0.8	0.1	31.0	290	12.4	18.0	7.4	58	15.00
4889	201	202	< 5	39	121	1.80	92.6	1.0	< 0.1	58.6	570	18.8	43.0	8.8	120	10.00
4890	201	202	< 5	13	72	0.60	24.2	0.2	0.1	45.2	130	4.4	16.0	0.2	71	10.00
4891	201	202	< 5	5	71	0.12	6.4	0.6	0.1	91.8	30	1.8	9.5	< 0.2	70	30.00
4892	201	202	< 5	6	58	0.08	8.0	0.6	0.1	29.6	10	3.6	12.5	< 0.2	58	15.00
4893	201	202	< 5	8	97	0.44	10.2	0.2	0.1	20.0	50	4.0	11.0	< 0.2	109	30.00
4894	201	202	< 5	2	62	0.10	11.2	1.0	0.3	18.4	60	1.4	9.0	< 0.2	71	15.00
4895	201	202	< 5	10	35	0.24	2.2	0.2	< 0.1	22.2	20	1.6	14.0	< 0.2	40	30.00
4896	201	202	20	11	83	0.40	4.4	0.6	1.5	63.4	50	1.6	18.0	< 0.2	86	30.00
4897	201	202	30	30	38	0.50	5.4	0.6	0.2	55.8	50	3.0	36.5	0.2	42	15.00
4898	201	202	< 5	14	124	0.38	34.8	0.6	0.3	68.2	50	11.4	23.0	0.2	137	15.00
4925	201	202	< 5	2	28	0.04	2.2	0.2	< 0.1	6.4	10	0.6	6.0	< 0.2	28	30.00
4926	201	202	< 5	3	30	0.10	2.8	< 0.2	< 0.1	8.2	10	1.2	8.5	< 0.2	31	30.00
4927	201	202	< 5	4	19	0.04	1.6	< 0.2	< 0.1	4.2	10	0.4	7.5	< 0.2	19	30.00
4928	201	202	< 5	4	31	0.10	5.6	0.2	< 0.1	5.6	10	1.8	8.0	< 0.2	30	30.00
4929	201	202	< 5	5	89	0.94	2.6	1.0	< 0.1	43.6	150	1.0	14.0	< 0.2	67	10.00
4930	201	202	< 5	4	440	0.26	6.2	1.0	0.3	38.6	70	1.8	14.0	< 0.2	443	15.00
4931	201	202	< 5	2	117	1.76	3.2	0.4	1.7	46.2	220	1.2	7.5	< 0.2	80	10.00
4932	201	202	< 5	5	980	0.54	7.2	0.8	5.5	67.4	150	1.4	15.0	< 0.2	1130	10.00

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 02-SEP-96
Invoice No. : I9627576
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9627576

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	fusion wt. gm
4933	201	202	< 5	7	450	0.32	12.2	1.2	1.0	48.6	100	4.6	8.0	< 0.2	302	15.00
4934	201	202	< 5	6	100	0.24	41.2	0.6	0.6	160.0	30	1.4	8.0	< 0.2	79	15.00
4935	201	202	< 5	< 1	310	0.18	13.4	9.4	< 0.1	24.0	50	< 0.2	< 0.5	< 0.2	9	15.00
4937	201	202	< 5	9	99	2.14	18.0	2.6	< 0.1	108.0	150	6.4	16.5	0.8	40	15.00
4941	201	202	< 5	3	650	0.28	8.6	2.8	2.9	68.2	130	2.6	1.5	< 0.2	46	10.00
4942	201	202	< 5	10	86	0.44	23.6	< 0.2	0.2	42.4	100	5.6	15.0	1.0	110	15.00
4943	201	202	< 5	5	151	0.68	15.2	0.2	< 0.1	32.8	90	3.6	9.5	< 0.2	81	30.00
4944	201	202	30	25	158	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	10.00
4946	201	202	< 5	12	196	0.62	27.8	0.8	0.6	41.2	60	6.8	13.5	0.2	178	15.00
4947	201	202	not/ss	8	50	1.12	21.8	0.4	0.1	128.0	380	11.6	9.5	2.8	29	not/ss
4948	201	202	10	15	67	0.66	24.8	0.2	< 0.1	26.4	120	10.6	14.0	1.2	71	30.00
4949	201	202	< 5	7	46	0.64	8.6	< 0.2	< 0.1	26.6	40	3.8	5.5	< 0.2	44	30.00
4950	201	202	< 5	8	100	0.32	72.8	0.4	0.1	29.6	60	20.0	6.5	4.6	81	15.00
4951	201	202	< 5	6	26	0.50	8.2	< 0.2	0.4	13.8	40	4.6	5.0	0.2	24	15.00
4952	201	202	< 5	35	41	0.88	77.6	0.8	0.2	56.4	110	10.0	32.0	2.0	36	30.00
4953	201	202	< 5	205	154	2.32	206	1.8	0.9	135.5	430	6.2	51.0	10.4	11	15.00
4954	201	202	< 5	3	85	0.12	184.0	0.4	0.2	196.0	60	1.2	7.0	< 0.2	94	30.00
4955	201	202	< 5	2	166	0.24	28.0	2.4	0.4	328	80	0.8	6.0	0.8	84	15.00
4956	201	202	< 5	9	79	0.84	20.2	1.0	0.4	174.0	190	1.6	5.5	< 0.2	14	10.00
4957	201	202	< 5	20	75	0.28	33.8	0.4	0.1	77.0	70	8.2	21.0	1.4	76	15.00
4958	201	202	< 5	5	32	0.02	4.6	0.2	< 0.1	22.8	10	1.0	6.0	< 0.2	30	30.00
4959	201	202	< 5	2	44	0.14	3.8	2.0	0.7	106.0	210	0.2	0.5	< 0.2	5	10.00
4960	201	202	< 5	100	76	0.52	13.0	0.6	0.2	38.0	70	2.6	97.0	< 0.2	70	30.00
4961	201	202	< 5	8	37	0.02	3.2	< 0.2	< 0.1	16.4	< 10	0.4	7.0	< 0.2	41	30.00
4962	201	202	< 5	6	30	0.04	4.6	< 0.2	< 0.1	12.0	10	1.0	4.5	< 0.2	29	30.00
4963	201	202	< 5	6	40	0.02	4.8	< 0.2	< 0.1	5.6	10	0.8	6.0	< 0.2	39	30.00
4964	201	202	< 5	3	26	0.06	3.8	< 0.2	< 0.1	8.0	10	0.8	6.0	< 0.2	27	30.00
4965	201	202	< 5	5	19	0.06	2.8	< 0.2	< 0.1	4.4	40	0.4	5.0	< 0.2	18	30.00
4966	201	202	< 5	6	45	0.04	3.2	< 0.2	< 0.1	17.6	10	0.6	7.5	< 0.2	49	30.00
4967	201	202	< 5	7	50	0.06	1.8	0.4	< 0.1	15.8	10	0.4	6.5	< 0.2	46	30.00
4968	201	202	< 5	9	55	0.52	1.6	0.6	0.4	27.8	120	0.8	5.5	< 0.2	38	15.00
4969	201	202	< 5	7	100	0.22	29.2	1.0	0.1	46.4	40	8.2	11.0	1.0	95	15.00
4970	201	202	< 5	3	500	0.20	1.4	1.0	2.4	12.8	50	1.0	5.0	< 0.2	460	10.00
4971	201	202	< 5	9	114	0.18	24.0	0.4	2.7	104.0	220	2.4	11.5	< 0.2	156	10.00
4972	201	202	< 5	10	191	0.02	13.2	0.4	0.1	28.6	70	2.2	9.5	< 0.2	69	10.00
4973	201	202	< 5	8	61	0.08	12.6	2.6	0.9	32.6	30	1.0	3.0	< 0.2	13	30.00
4974	201	202	< 5	< 1	29	0.54	18.6	0.4	1.8	639	80	1.4	8.5	0.2	52	15.00
4975	201	202	< 5	5	50	0.14	15.0	1.4	0.6	76.2	70	1.2	5.5	< 0.2	22	15.00
4976	201	202	< 5	8	260	0.30	26.4	1.6	0.3	83.6	2620	20.0	11.5	< 0.2	220	15.00
4977	201	202	< 5	2	12	1.00	1.4	0.2	0.2	202	330	1.0	2.0	0.2	6	10.00

CERTIFICATION: Stewart Bichler

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M5C 2V9

A9627577

Comments: ATN: J. BURGESS

CERTIFICATE A9627577

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

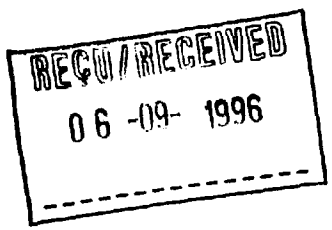
Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	80	Dry, sieve to -80 mesh
202	80	save reject
238	80	Nitric-aqua-regia digestion
3296	80	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	80	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	80	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	80	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	78	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	78	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	78	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	78	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	78	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	79	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	78	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	78	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	78	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	78	Zn ppm: Ultra trace package	EXT-ICP	1	5000



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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Certificate Date: 02-SEP-96
Invoice No. :I9627577
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9627577

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
4978	201	202	25	13	245	0.32	26.4	0.4	0.8	56.4	60	8.2	9.5	< 0.2	235	
4979	201	202	60	13	163	0.92	105.0	1.2	0.5	95.8	70	20.4	13.0	1.6	135	
4980	201	202	< 5	10	70	2.08	38.4	0.6	1.8	40.4	60	4.6	8.0	< 0.2	48	
4981	201	202	20	26	130	0.98	67.8	1.4	0.6	56.0	70	38.6	24.5	1.4	87	
4982	201	202	20	21	93	1.44	53.4	1.0	0.2	50.0	90	18.2	20.0	4.2	83	
4983	201	202	30	37	62	1.34	44.2	1.0	0.6	50.0	130	32.0	23.0	4.8	10	
4984	201	202	55	31	150	not/ss	not/ss	not/ss	not/ss	not/ss	310	not/ss	not/ss	not/ss	not/ss	
4985	201	202	15	28	60	2.66	28.2	0.6	0.4	44.2	120	13.2	24.5	2.2	42	
4986	201	202	10	48	132	0.70	37.4	0.8	0.1	74.4	130	7.8	43.5	1.6	135	
4987	201	202	10	18	126	0.70	83.4	0.8	0.1	189.5	70	9.2	18.0	4.6	104	
4988	201	202	10	29	350	5.64	20.2	3.2	1.0	212	160	4.0	20.0	0.6	88	
4989	201	202	10	16	48	0.68	22.4	0.6	0.3	37.8	50	10.4	14.0	1.6	34	
4991	201	202	5	15	75	0.50	38.6	0.4	< 0.1	30.0	170	11.4	14.5	1.8	77	
4992	201	202	< 5	8	45	0.80	10.8	0.4	0.1	30.0	70	4.0	7.5	0.2	42	
4993	201	202	20	19	130	1.28	48.6	0.6	0.2	52.0	170	29.6	21.0	2.0	122	
4994	201	202	< 5	15	52	1.24	13.0	1.2	0.9	44.8	80	6.6	11.5	0.4	29	
4995	201	202	< 5	20	183	1.16	33.6	0.8	2.2	125.0	190	19.6	20.0	< 0.2	166	
4996	201	202	< 5	34	66	0.52	46.2	0.4	0.4	38.6	30	7.0	30.5	0.2	66	
4997	201	202	< 5	11	43	0.10	9.0	0.2	< 0.1	27.6	100	4.4	9.5	1.2	40	
4998	201	202	< 5	25	79	0.64	43.6	0.6	0.1	45.4	130	47.0	24.5	1.6	81	
4999	201	202	< 5	19	78	0.66	34.4	< 0.2	0.1	30.0	70	9.2	18.0	0.8	85	
9484	201	202	< 5	7	7	0.38	2.4	< 0.2	< 0.1	2.2	20	2.4	7.0	< 0.2	7	
9485	201	202	< 5	9	90	0.14	45.2	0.2	0.1	33.4	40	20.6	10.5	0.8	99	
9643	201	202	85	13	170	0.26	11.4	< 0.2	0.5	53.6	100	3.6	13.0	< 0.2	185	
9644	201	202	< 5	8	138	0.18	19.4	< 0.2	0.3	48.0	90	6.4	10.0	< 0.2	158	
9645	201	202	< 5	4	200	0.26	0.2	< 0.2	4.2	32.0	90	1.2	3.5	< 0.2	147	
9646	201	202	< 5	3	260	0.48	1.4	0.2	3.6	22.4	130	2.8	0.5	< 0.2	200	
9647	201	202	< 5	21	180	0.60	33.2	< 0.2	0.8	87.4	270	11.8	21.0	2.6	154	
9648	201	202	< 5	12	120	0.30	18.2	0.2	0.1	49.2	70	6.0	14.5	0.2	125	
9649	201	202	< 5	2	50	0.08	< 0.2	< 0.2	0.4	5.4	80	0.8	2.0	< 0.2	29	
9821	201	202	< 5	21	62	0.98	33.4	1.8	0.3	47.8	80	17.6	13.5	3.6	26	
9822	201	202	< 5	29	73	1.94	25.2	0.4	< 0.1	45.0	70	9.0	27.5	1.4	71	
9823	201	202	10	35	120	0.64	83.6	0.6	0.1	60.6	80	31.8	36.0	4.8	118	
9824	201	202	< 5	13	54	0.78	16.4	0.6	< 0.1	21.8	840	15.0	17.0	3.8	63	
9842	201	202	< 5	14	68	1.46	27.6	0.2	0.3	33.0	60	14.8	15.5	2.6	67	
9843	201	202	< 5	10	77	0.42	20.0	< 0.2	< 0.1	30.8	90	8.0	11.5	1.2	77	
9844	201	202	10	18	90	0.80	68.8	0.2	< 0.1	40.6	190	23.0	20.5	4.2	91	
9845	201	202	5	12	96	0.64	24.6	< 0.2	< 0.1	35.8	100	9.2	13.5	1.2	101	
9846	201	202	< 5	8	60	0.54	9.2	< 0.2	< 0.1	30.0	10	4.0	8.0	0.2	63	
9847	201	202	< 5	8	101	0.78	11.8	< 0.2	0.2	33.2	60	4.6	9.0	< 0.2	100	

CERTIFICATION: Stuart Buchan

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
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M5C 2V9

Project: 40-431
Comments: ATN: J. BURGESS

Certificate Date: 02-SEP-96
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CERTIFICATE OF ANALYSIS A9627577

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
9848	201	202	30	16	96	0.58	18.8	0.2	0.1	42.4	50	5.8	12.0	0.6	85	
9849	201	202	15	21	121	0.34	13.8	1.8	0.2	30.2	80	38.0	21.0	3.6	64	
9941	201	202	< 5	81	46	7.90	7.0	1.6	0.4	340	250	4.8	6.0	1.0	5	
9942	201	202	< 5	25	82	0.82	50.0	0.2	< 0.1	113.0	80	4.4	30.5	2.6	92	
9943	201	202	1940	16	13	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	
9944	201	202	< 5	16	113	0.12	32.6	< 0.2	0.1	50.4	40	3.4	23.0	2.2	58	
9945	201	202	< 5	< 1	39	0.10	5.6	5.2	0.1	82.6	80	< 0.2	0.5	< 0.2	4	
9946	201	202	< 5	1	53	0.02	9.8	7.4	0.2	36.6	70	< 0.2	< 0.5	< 0.2	5	
9947	201	202	< 5	5	12	0.08	2.2	0.6	< 0.1	7.0	30	0.8	5.5	< 0.2	13	
9948	201	202	< 5	5	21	0.02	1.4	< 0.2	< 0.1	3.4	30	0.8	5.5	< 0.2	22	
9960	201	202	< 5	13	30	0.10	6.4	0.4	< 0.1	14.2	10	2.6	14.0	0.8	66	
9961	201	202	< 5	11	80	0.58	21.6	0.4	< 0.1	41.4	120	7.2	11.5	0.6	75	
9962	201	202	40	15	170	1.82	105.5	1.2	0.4	58.4	190	36.6	18.5	4.0	124	
9963	201	202	10	14	113	0.32	63.8	0.2	< 0.1	44.2	50	23.0	16.5	4.0	112	
9964	201	202	< 5	11	79	0.42	29.8	0.2	0.1	30.2	70	9.4	12.0	0.6	73	
9965	201	202	< 5	1	32	0.18	< 0.2	< 0.2	0.3	4.2	120	0.6	2.5	0.2	16	
9966	201	202	5	18	105	0.48	63.8	0.6	0.1	60.2	10	12.8	24.0	1.8	109	
9967	201	202	< 5	42	220	0.80	28.6	0.8	0.9	40.4	140	9.0	47.0	0.2	177	
11000	201	202	< 5	12	57	1.04	29.4	0.6	0.1	65.4	60	9.2	16.5	1.2	50	
11001	201	202	< 5	9	78	0.48	13.2	0.4	< 0.1	32.4	60	4.8	11.5	0.6	72	
11002	201	202	< 5	9	52	0.26	7.4	0.4	0.1	14.4	50	2.2	8.0	0.2	48	
11003	201	202	< 5	4	55	0.18	5.8	0.2	0.1	13.2	40	3.2	7.0	0.2	52	
11004	201	202	< 5	10	83	0.30	29.0	0.2	< 0.1	31.4	120	10.6	13.0	1.0	80	
11005	201	202	10	14	75	0.74	46.8	0.2	< 0.1	35.4	< 10	21.4	17.0	3.6	51	
11006	201	202	10	16	46	0.78	11.2	2.0	0.3	24.2	100	7.2	17.0	3.4	16	
11007	201	202	< 5	17	61	0.54	25.8	0.6	0.1	27.4	40	12.4	16.5	1.8	47	
11008	201	202	< 5	6	96	0.40	10.8	0.6	0.1	28.2	50	3.2	10.0	< 0.2	75	
11009	201	202	< 5	11	97	2.30	8.4	0.6	0.1	36.0	150	3.4	14.5	< 0.2	86	
11010	201	202	< 5	8	58	0.30	9.0	< 0.2	0.1	16.0	70	3.6	9.5	< 0.2	54	
11011	201	202	< 5	13	61	0.62	9.8	0.2	0.1	22.2	90	3.8	11.0	0.6	55	
11012	201	202	< 5	10	47	0.48	19.2	0.8	< 0.1	19.2	30	9.6	15.0	1.6	40	
11013	201	202	< 5	16	153	1.08	56.4	0.6	< 0.1	35.4	150	15.6	20.0	1.8	129	
11014	201	202	< 5	10	77	0.78	24.0	0.2	0.1	36.8	60	8.2	14.0	1.4	76	
11015	201	202	< 5	11	52	0.76	20.8	< 0.2	< 0.1	19.2	80	6.4	13.0	1.0	43	
11016	201	202	< 5	6	121	1.62	5.8	1.6	2.0	40.4	90	10.4	4.0	0.8	18	
11017	201	202	< 5	11	200	0.94	43.8	5.2	1.5	56.2	330	18.6	3.0	2.2	12	
11018	201	202	20	27	200	2.36	149.5	1.6	0.2	48.4	330	53.4	30.5	6.8	123	
11019	201	202	< 5	13	93	1.02	112.5	1.2	0.1	43.0	180	32.2	19.0	6.4	59	
11020	201	202	10	17	130	1.02	87.0	0.4	0.1	58.0	240	26.0	23.5	4.0	104	
11021	201	202	< 5	15	123	0.32	39.2	0.4	< 0.1	40.8	110	21.6	16.0	1.8	118	

CERTIFICATION: Stewart Bachlet

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9627578

Comments: ATN: J. BURGESS

CERTIFICATE A9627578

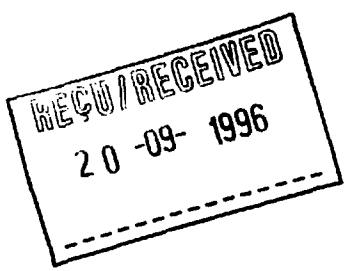
(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	72	Dry, sieve to -80 mesh
202	72	save reject
238	72	Nitric-aqua-regia digestion
3296	72	Ultra trace digestion



ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	70	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	72	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	72	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	68	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	68	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	68	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	68	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	68	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	69	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	68	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	68	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	68	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	68	Zn ppm: Ultra trace package	EXT-ICP	1	5000
866	69	Fusion weight in grams	BALANCE	0.01	30.00

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CERTIFICATE OF ANALYSIS A9627578

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	fusion wt. gm
11022	201	202	< 5	10	114	0.30	17.4	< 0.2	0.1	51.0	90	10.2	14.0	1.0	115	30.00
11023	201	202	< 5	11	50	0.14	12.2	0.4	< 0.1	47.4	30	8.6	12.5	2.4	42	30.00
11024	201	202	< 5	7	96	0.68	5.8	2.6	0.9	49.2	130	2.4	4.5	0.6	13	15.00
11025	201	202	not/ss	5	47	0.56	9.6	0.2	0.7	83.6	270	6.6	5.5	0.6	23	not/ss
11026	201	202	< 5	< 1	119	not/ss	not/ss	not/ss	not/ss	not/ss	230	not/ss	not/ss	not/ss	not/ss	not/ss
11027	201	202	not/ss	< 1	70	0.44	1.6	< 0.2	1.0	16.6	130	2.8	1.5	0.4	23	not/ss
11028	201	202	< 5	9	63	0.32	7.2	0.8	0.5	24.2	190	2.8	9.0	0.2	25	10.00
11029	201	202	< 5	11	94	0.24	43.2	< 0.2	0.2	52.8	80	11.0	16.0	3.2	100	15.00
11030	201	202	< 5	9	80	0.20	35.0	< 0.2	0.1	25.0	40	28.0	11.0	2.0	73	30.00
11031	201	202	90	30	27	0.74	15.8	1.0	0.8	61.8	50	11.4	29.0	1.8	15	15.00
11032	201	202	< 5	6	50	0.24	18.2	0.4	0.1	20.4	70	4.6	9.5	0.4	43	30.00
11033	201	202	< 5	11	102	1.20	34.0	0.2	0.1	35.2	130	12.6	15.0	1.6	97	15.00
11034	201	202	10	17	109	0.44	40.8	0.4	< 0.1	42.4	80	14.4	20.0	4.0	116	30.00
11035	201	202	< 5	6	73	0.32	8.6	0.2	0.1	27.4	50	4.0	8.0	0.4	84	30.00
11036	201	202	< 5	8	151	0.40	6.8	0.2	1.6	40.2	70	4.0	9.5	0.2	106	15.00
11037	201	202	< 5	9	210	0.28	9.8	0.6	2.4	52.4	70	5.6	9.0	< 0.2	122	15.00
11038	201	202	< 5	8	1090	not/ss	not/ss	not/ss	not/ss	not/ss	110	not/ss	not/ss	not/ss	not/ss	15.00
11039	201	202	< 5	10	102	0.14	12.4	< 0.2	0.2	33.4	50	6.0	12.0	0.2	118	15.00
11040	201	202	< 5	5	54	0.20	8.0	< 0.2	0.1	19.4	40	3.8	7.0	0.4	53	30.00
11041	201	202	< 5	8	55	0.24	5.4	0.2	0.1	15.8	40	9.4	8.5	0.4	52	15.00
11042	201	202	< 5	6	74	0.14	13.2	< 0.2	0.1	22.8	40	2.6	7.5	< 0.2	81	30.00
11043	201	202	< 5	5	76	0.10	7.0	< 0.2	< 0.1	27.6	40	2.2	4.0	< 0.2	82	30.00
11044	201	202	< 5	7	125	0.32	16.8	< 0.2	0.4	40.2	90	7.8	10.5	< 0.2	135	30.00
11045	201	202	< 5	5	38	0.02	2.8	< 0.2	< 0.1	14.4	10	0.6	6.0	< 0.2	42	30.00
11046	201	202	< 5	5	41	0.02	2.8	< 0.2	< 0.1	15.2	10	0.8	5.0	< 0.2	49	30.00
11047	201	202	< 5	10	175	0.20	13.6	< 0.2	0.4	45.4	90	3.8	11.0	< 0.2	184	30.00
11048	201	202	< 5	10	199	0.48	9.0	< 0.2	0.9	50.4	90	3.4	12.5	< 0.2	180	15.00
11049	201	202	< 5	11	380	0.80	16.6	1.2	1.6	111.5	180	7.0	13.0	0.6	112	15.00
11050	201	202	< 5	5	430	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	15.00
11051	201	202	< 5	3	117	0.20	0.4	< 0.2	1.0	14.0	130	1.2	3.0	< 0.2	48	10.00
11052	201	202	< 5	7	165	0.38	15.6	0.6	1.1	36.8	140	4.8	9.5	< 0.2	64	10.00
11053	201	202	< 5	3	86	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	2.50
11054	201	202	< 5	2	54	0.80	2.4	< 0.2	1.8	52.0	110	0.4	3.0	< 0.2	24	2.50
11055	201	202	< 5	16	126	0.22	24.0	0.8	0.3	43.6	80	8.2	18.0	1.2	92	15.00
11056	201	202	< 5	4	52	0.52	1.2	0.6	0.9	24.8	120	1.0	2.5	0.2	18	10.00
11057	201	202	< 5	7	47	0.32	26.8	0.4	< 0.1	26.4	not/ss	5.2	9.0	< 0.2	64	30.00
11058	201	202	20	2	69	0.20	6.8	1.4	0.3	32.6	40	< 0.2	6.0	< 0.2	64	30.00
11059	201	202	< 5	11	106	0.22	15.6	< 0.2	0.2	42.4	90	6.2	11.0	< 0.2	128	30.00
11060	201	202	< 5	12	152	0.32	16.2	0.6	0.6	69.8	90	6.6	14.0	< 0.2	150	15.00
11061	201	202	< 5	16	310	0.36	26.2	0.8	2.1	50.4	130	7.8	15.5	< 0.2	251	30.00

CERTIFICATION: Hart Bichler

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CERTIFICATE OF ANALYSIS A9627578

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	fusion wt. gm
11062	201	202	< 5	7	31	0.20	6.0	< 0.2	0.1	8.6	30	2.8	7.0	< 0.2	35	30.00
11063	201	202	< 5	8	92	0.18	11.4	< 0.2	< 0.1	24.2	30	4.6	8.5	< 0.2	97	30.00
11064	201	202	< 5	7	40	0.02	3.2	< 0.2	< 0.1	16.6	20	0.6	7.5	< 0.2	40	30.00
11065	201	202	< 5	6	41	0.10	3.6	< 0.2	0.1	5.6	40	2.4	6.0	< 0.2	39	30.00
11066	201	202	< 5	6	52	0.12	5.6	< 0.2	< 0.1	11.8	40	2.8	8.5	< 0.2	57	30.00
11067	201	202	< 5	9	64	0.44	7.8	< 0.2	0.1	13.2	40	2.4	10.0	< 0.2	65	30.00
11068	201	202	< 5	7	43	0.20	5.2	< 0.2	0.1	6.6	30	2.6	8.0	< 0.2	45	30.00
11069	201	202	< 5	8	63	0.74	7.0	< 0.2	0.1	9.2	60	3.0	9.5	< 0.2	65	30.00
11070	201	202	< 5	8	260	0.34	3.8	0.2	1.1	36.8	110	1.2	8.5	< 0.2	241	30.00
11071	201	202	< 5	10	161	2.56	11.8	2.4	0.1	22.6	120	14.2	4.0	2.4	25	15.00
11072	201	202	10	26	115	0.58	56.2	0.6	< 0.1	47.6	130	12.2	28.0	1.8	102	30.00
11073	201	202	< 5	710	235	2.02	12.0	1.6	2.5	138.0	230	3.6	57.5	1.4	57	15.00
11074	201	202	< 5	59	159	0.58	54.8	0.4	0.8	108.0	90	3.6	63.0	1.4	145	30.00
11075	201	202	< 5	37	154	0.36	37.4	1.2	0.5	96.4	60	3.4	39.0	1.4	109	30.00
11076	201	202	< 5	48	159	0.16	55.8	0.4	0.2	122.5	200	6.2	54.5	2.4	173	30.00
11077	201	202	< 5	5	36	0.32	1.2	< 0.2	0.4	11.2	130	0.4	3.0	< 0.2	24	10.00
11078	201	202	< 5	13	40	0.52	2.6	0.2	1.0	59.4	300	1.6	13.0	< 0.2	12	10.00
11079	201	202	< 5	14	57	0.84	6.4	< 0.2	1.4	22.8	200	3.6	16.0	< 0.2	38	10.00
11080	201	202	< 5	22	70	5.12	20.8	0.2	0.7	231	140	3.8	25.5	0.2	54	15.00
11081	201	202	< 5	16	78	0.68	14.2	0.6	< 0.1	68.0	70	1.8	21.0	0.2	89	30.00
11082	201	202	15	30	125	0.82	63.6	1.8	0.6	62.4	190	15.4	30.0	2.2	91	30.00
11083	201	202	20	67	56	3.52	34.4	0.8	0.5	84.8	170	8.0	71.0	1.8	46	30.00
11084	201	202	30	28	79	1.76	53.2	0.6	0.7	58.6	120	24.2	32.5	4.4	75	15.00
11085	201	202	< 5	67	181	1.70	28.8	1.0	3.3	364	80	2.0	61.5	0.4	78	30.00
11086	201	202	130	30	127	0.60	34.2	0.6	0.3	84.0	40	2.6	36.5	0.4	158	30.00
11087	201	202	< 5	12	29	0.18	56.6	0.6	0.1	20.2	10	1.2	16.5	1.0	90	30.00
11088	201	202	< 5	15	118	0.58	92.0	0.6	2.7	367	120	0.4	11.5	< 0.2	50	15.00
11089	201	202	< 5	17	79	0.30	25.8	0.6	0.6	63.2	50	2.6	25.0	< 0.2	96	30.00
11090	201	202	< 5	7	82	0.82	66.0	0.8	0.1	85.4	30	2.6	8.0	< 0.2	89	15.00
11091	201	202	< 5	38	136	1.00	43.8	0.8	0.1	92.8	210	5.6	34.0	1.8	100	30.00
11092	201	202	10	42	123	0.82	91.8	1.8	< 0.1	83.0	290	8.2	43.5	2.4	55	30.00
11093	201	202	< 5	26	49	1.06	29.0	0.8	0.8	39.4	100	7.4	25.5	3.0	34	30.00

CERTIFICATION: Stan Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9629026

Comments: ATN: J. BURGESS

CERTIFICATE A9629026

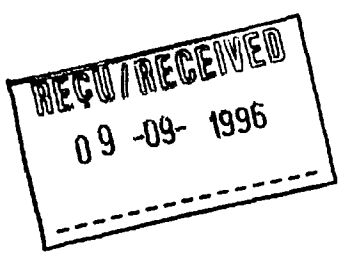
(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 4-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	97	Dry, sieve to -80 mesh
202	97	save reject
238	97	Nitric-aqua-regia digestion
3296	97	Ultra trace digestion



ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	97	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	97	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	97	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	97	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	97	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	97	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	97	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	97	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	97	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	97	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	97	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	97	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	97	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :1
Total Pages :3
Certificate Date: 04-SEP-96
Invoice No. : 19629026
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9629026

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
10287	201	202	< 5	9	140	0.08	11.2	< 0.2	0.1	73.0	50	3.2	9.0	< 0.2	132	
10288	201	202	< 5	< 1	25	0.02	13.6	9.6	< 0.1	18.8	30	< 0.2	< 0.5	< 0.2	6	
10289	201	202	< 5	< 1	31	< 0.02	17.0	14.0	< 0.1	13.4	10	< 0.2	< 0.5	< 0.2	8	
10290	201	202	< 5	7	60	0.78	4.0	1.4	2.2	68.4	80	1.8	6.5	< 0.2	21	
10291	201	202	< 5	19	140	0.36	59.4	0.4	0.4	64.4	90	19.8	20.0	0.6	129	
10292	201	202	< 5	7	86	0.04	7.6	< 0.2	0.1	54.6	40	1.8	7.0	< 0.2	76	
10293	201	202	< 5	6	47	< 0.02	3.8	< 0.2	< 0.1	31.2	10	1.0	5.5	< 0.2	32	
10294	201	202	< 5	5	117	0.04	5.2	< 0.2	0.2	60.2	30	1.0	6.5	< 0.2	105	
10295	201	202	< 5	8	65	0.14	3.8	< 0.2	0.2	43.0	10	1.0	7.0	< 0.2	47	
10296	201	202	< 5	6	112	0.08	8.4	< 0.2	0.3	45.0	40	2.0	7.0	< 0.2	95	
10297	201	202	< 5	17	79	0.52	20.8	0.8	0.1	61.8	50	8.6	15.5	0.4	50	
10298	201	202	< 5	12	82	0.34	25.6	0.4	0.1	42.4	30	8.8	10.5	0.6	53	
10299	201	202	< 5	20	105	0.34	37.2	< 0.2	< 0.1	37.6	100	18.2	20.0	0.6	83	
10300	201	202	< 5	31	53	1.46	8.2	0.2	1.2	233	60	5.6	27.0	< 0.2	32	
10301	201	202	< 5	11	53	0.34	7.0	< 0.2	0.6	57.0	20	4.6	8.5	< 0.2	37	
10302	201	202	< 5	10	143	0.16	50.6	0.2	0.3	59.0	40	14.8	13.5	1.0	125	
10303	201	202	< 5	6	77	0.20	5.2	0.2	0.5	64.6	50	3.2	8.5	0.4	50	
10304	201	202	10	9	130	0.12	9.0	< 0.2	0.3	67.2	50	3.6	9.0	< 0.2	108	
10305	201	202	15	8	158	0.02	10.0	< 0.2	0.3	49.8	50	3.4	10.0	< 0.2	145	
10306	201	202	10	7	50	0.14	10.6	0.2	< 0.1	35.2	40	6.6	11.0	< 0.2	41	
10307	201	202	< 5	9	56	0.80	13.4	0.2	< 0.1	61.4	80	3.6	10.5	0.2	49	
10308	201	202	< 5	18	45	0.26	142.0	0.8	< 0.1	48.2	80	4.6	21.0	0.6	34	
10309	201	202	< 5	13	78	0.24	55.0	0.2	< 0.1	74.6	90	7.4	14.5	0.6	64	
10310	201	202	< 5	< 1	55	0.08	3.0	0.2	0.1	164.0	40	1.2	4.0	< 0.2	51	
10311	201	202	< 5	8	68	0.40	5.2	< 0.2	< 0.1	56.6	50	2.4	7.5	1.2	48	
10312	201	202	< 5	9	137	0.34	13.0	< 0.2	0.3	60.6	80	3.2	9.0	< 0.2	121	
10313	201	202	< 5	5	230	0.64	2.4	0.2	3.1	82.8	200	2.8	7.0	< 0.2	165	
10314	201	202	< 5	10	112	0.16	8.2	< 0.2	0.2	44.6	50	5.2	7.5	< 0.2	100	
10315	201	202	10	14	110	0.18	14.0	< 0.2	0.2	61.4	30	9.8	14.5	< 0.2	91	
10316	201	202	< 5	13	92	0.14	19.0	< 0.2	< 0.1	44.8	110	11.4	15.5	< 0.2	85	
10317	201	202	< 5	20	152	0.76	24.6	< 0.2	0.5	84.0	40	16.2	20.5	< 0.2	141	
10318	201	202	< 5	8	130	0.44	8.6	< 0.2	0.1	59.0	30	6.0	8.5	< 0.2	122	
10319	201	202	< 5	9	63	0.58	8.0	< 0.2	0.4	29.8	20	5.6	11.0	< 0.2	54	
10320	201	202	< 5	11	55	1.00	4.8	< 0.2	0.4	113.0	50	4.2	9.5	< 0.2	38	
10321	201	202	10	25	117	0.76	22.2	< 0.2	0.9	170.5	50	25.2	22.5	1.2	90	
10322	201	202	5	13	68	1.64	25.2	0.2	0.5	61.4	90	13.2	16.5	0.6	61	
10323	201	202	< 5	18	79	0.22	36.4	0.2	< 0.1	68.2	70	9.4	21.0	0.2	68	
10324	201	202	< 5	12	76	0.14	22.0	0.2	< 0.1	43.0	50	7.8	15.0	< 0.2	72	
10325	201	202	15	12	68	0.58	32.4	0.2	< 0.1	61.4	180	12.4	15.5	0.6	65	
10326	201	202	10	4	24	0.36	4.2	1.4	0.1	40.0	150	1.4	6.5	< 0.2	9	

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

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Total :3
Certificate Date: 04-SEP-96
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CERTIFICATE OF ANALYSIS A9629026

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
10327	201	202	< 5	14	83	0.62	36.0	0.2	< 0.1	74.4	240	8.2	17.0	0.2	76	
10328	201	202	< 5	5	88	0.12	9.2	< 0.2	< 0.1	41.2	30	3.6	7.5	< 0.2	83	
10329	201	202	< 5	18	97	0.40	22.6	0.2	0.2	33.4	70	13.0	14.0	0.8	76	
10330	201	202	< 5	13	88	0.36	12.2	0.2	0.2	27.6	80	10.4	13.0	0.2	76	
10331	201	202	< 5	11	113	0.10	6.2	< 0.2	0.3	54.8	30	1.6	12.5	< 0.2	105	
10332	201	202	< 5	13	340	0.20	11.6	< 0.2	0.6	63.0	60	5.6	12.0	< 0.2	297	
10333	201	202	< 5	14	230	0.32	4.2	< 0.2	0.3	63.0	70	2.4	10.5	< 0.2	213	
10334	201	202	10	10	240	0.28	4.4	< 0.2	1.3	72.4	70	3.2	9.5	< 0.2	210	
10335	201	202	< 5	8	117	0.12	5.2	< 0.2	0.3	51.8	40	3.4	8.5	< 0.2	92	
10336	201	202	< 5	9	88	0.14	5.4	< 0.2	0.1	35.2	30	3.2	12.0	< 0.2	78	
10337	201	202	< 5	26	88	0.20	34.4	0.6	0.1	19.8	110	21.6	28.0	0.8	75	
10338	201	202	< 5	5	40	0.02	2.8	< 0.2	< 0.1	8.0	< 10	1.6	4.0	< 0.2	32	
10339	201	202	< 5	23	82	0.42	83.0	0.2	< 0.1	58.2	240	13.8	25.0	1.8	58	
10340	201	202	< 5	18	140	0.38	32.8	0.2	0.1	46.8	80	22.8	17.5	0.2	121	
10341	201	202	< 5	17	73	0.32	39.6	0.2	0.3	36.6	280	9.0	19.0	0.6	60	
10342	201	202	< 5	16	121	0.24	32.0	< 0.2	0.1	41.0	90	20.0	17.0	< 0.2	111	
10343	201	202	< 5	20	99	0.24	41.6	< 0.2	0.1	31.4	80	21.6	20.5	1.0	89	
10562	201	202	< 5	6	26	0.06	0.6	< 0.2	0.5	20.0	40	1.0	5.5	< 0.2	13	
10563	201	202	< 5	8	95	0.10	11.6	< 0.2	0.3	52.0	50	1.8	7.5	< 0.2	80	
10564	201	202	< 5	5	106	0.10	9.8	< 0.2	0.2	20.2	50	2.2	6.5	< 0.2	101	
10565	201	202	< 5	8	90	0.06	12.4	< 0.2	0.1	16.6	50	2.0	9.0	0.2	69	
10566	201	202	< 5	10	148	0.08	16.4	< 0.2	0.3	44.4	30	3.2	8.0	< 0.2	116	
10567	201	202	< 5	5	119	0.38	7.2	< 0.2	0.5	47.4	60	2.2	7.0	< 0.2	93	
10568	201	202	< 5	11	78	0.18	20.4	0.6	< 0.1	23.4	40	6.2	15.0	< 0.2	66	
10569	201	202	< 5	8	560	0.92	8.6	0.4	3.9	75.8	200	6.2	11.5	< 0.2	414	
10570	201	202	< 5	4	89	0.52	3.6	0.4	1.7	29.2	200	1.6	7.0	< 0.2	48	
10571	201	202	< 5	< 1	125	0.94	1.0	< 0.2	6.4	147.0	220	1.2	2.5	< 0.2	58	
10572	201	202	< 5	7	146	0.24	16.0	< 0.2	0.4	65.2	80	5.8	9.0	< 0.2	143	
10573	201	202	< 5	12	82	0.52	39.8	< 0.2	0.8	78.0	60	16.2	12.0	0.4	65	
10574	201	202	< 5	16	240	1.16	40.2	< 0.2	0.3	106.0	100	13.0	16.5	< 0.2	231	
10575	201	202	< 5	3	90	0.26	3.2	< 0.2	0.1	135.5	20	2.6	5.0	< 0.2	73	
10576	201	202	< 5	28	74	2.26	15.4	0.2	5.0	295	100	8.8	29.0	< 0.2	53	
10577	201	202	< 5	20	190	0.96	70.0	< 0.2	0.6	94.6	120	26.8	23.0	0.2	200	
10578	201	202	< 5	9	159	0.26	54.8	< 0.2	0.1	38.0	40	23.6	12.5	0.6	161	
10579	201	202	< 5	4	76	0.14	8.8	< 0.2	0.6	36.0	30	2.8	6.5	< 0.2	64	
10580	201	202	< 5	5	390	0.28	4.6	0.6	1.8	40.2	160	1.2	7.0	< 0.2	166	
10581	201	202	< 5	27	137	0.14	13.2	< 0.2	0.2	56.2	100	3.4	27.0	0.2	125	
10582	201	202	< 5	35	48	0.76	10.2	1.6	< 0.1	201	30	1.6	37.5	< 0.2	19	
10583	201	202	< 5	8	85	0.08	11.6	< 0.2	< 0.1	64.0	60	2.8	9.5	< 0.2	81	
10584	201	202	< 5	18	32	0.72	8.0	0.2	0.3	129.0	260	1.8	19.5	0.2	16	

CERTIFICATION: Ian R Bradley

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CERTIFICATE OF ANALYSIS A9629026

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
10585	201	202	< 5	10	123	0.26	17.4	< 0.2	0.1	56.4	80	5.0	12.5	< 0.2	113	
10586	201	202	< 5	60	210	0.56	7.2	0.2	1.1	188.0	140	5.4	57.0	< 0.2	161	
10587	201	202	< 5	24	98	0.94	22.6	< 0.2	< 0.1	44.4	80	18.4	25.0	0.2	83	
10588	201	202	< 5	26	134	0.48	30.4	0.6	0.3	57.2	60	29.8	26.5	0.2	117	
10589	201	202	< 5	18	115	0.36	25.0	0.2	< 0.1	64.4	50	15.4	16.0	< 0.2	106	
10590	201	202	< 5	11	108	0.18	15.6	< 0.2	< 0.1	59.2	40	10.2	13.0	< 0.2	104	
10591	201	202	< 5	21	110	0.32	25.8	< 0.2	0.1	46.2	60	16.4	19.5	< 0.2	97	
10592	201	202	< 5	15	104	0.42	10.4	0.4	0.1	67.6	30	7.4	14.0	< 0.2	80	
10593	201	202	< 5	18	73	0.26	14.8	0.2	< 0.1	33.2	70	5.6	14.0	0.6	51	
10594	201	202	< 5	12	56	0.16	15.2	< 0.2	< 0.1	24.4	20	9.4	11.0	0.2	42	
10595	201	202	< 5	22	97	0.24	28.6	< 0.2	0.1	53.4	60	15.6	22.5	0.4	82	
10596	201	202	< 5	5	48	0.16	3.0	< 0.2	< 0.1	19.6	30	1.2	5.0	< 0.2	43	
10597	201	202	< 5	10	40	0.08	8.8	0.2	< 0.1	8.8	10	4.2	12.0	< 0.2	35	
10598	201	202	40	10	59	0.14	15.8	0.2	< 0.1	17.0	50	4.8	11.5	< 0.2	53	
10599	201	202	< 5	6	74	0.02	4.8	< 0.2	< 0.1	9.4	10	1.6	8.0	< 0.2	71	
10600	201	202	< 5	13	70	0.10	10.2	< 0.2	< 0.1	14.4	20	4.2	11.5	< 0.2	60	
10601	201	202	< 5	13	163	0.30	11.4	< 0.2	0.1	44.2	50	6.0	15.5	< 0.2	156	

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9623735

Comments: ATN: J. BURGESS

CERTIFICATE A9623735

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 22-JUL-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	24	Geochem ring to approx 150 mesh
226	24	0-3 Kg crush and split
3202	24	Rock - save entire reject
238	24	Nitric-aqua-regia digestion
229	19	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	24	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	24	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	24	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	19	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	19	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	19	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	19	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	19	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	19	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	19	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	19	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	19	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	19	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	19	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	19	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	19	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	19	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	19	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	19	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	19	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	19	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	19	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	19	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	19	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	19	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	19	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	19	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	19	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	19	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	19	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	19	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	19	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	19	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	19	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	19	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATN: J. BURGESS

Page Number :1-A
Total Pages :1
Certificate Date: 22-JUL-96
Invoice No. :I9623735
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623735

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
1084	205	226	< 5	8	37	< 0.2	0.91	< 2	50	< 0.5	< 2	0.10	< 0.5	3	85	29	3.46	< 10	30	0.25	20
1085	205	226	< 5	6	80	< 0.2	2.05	8	130	0.5	< 2	0.93	< 0.5	15	82	53	3.67	10	50	0.38	30
1086	205	226	< 5	11	12	< 0.2	0.08	< 2	< 10	< 0.5	< 2	0.02	< 0.5	4	243	17	1.18	< 10	40	0.03	< 10
1087	205	226	< 5	14	57	0.2	1.37	< 2	50	< 0.5	< 2	< 0.01	< 0.5	3	92	28	5.59	< 10	20	0.25	10
2095	205	226	< 5	85	13	1.0	0.35	54	10	< 0.5	< 2	0.01	< 0.5	6	53	71	4.73	< 10	90	0.71	10
3192	205	226	< 5	16	6	0.8	0.48	10	20	< 0.5	< 2	0.10	< 0.5	3	51	27	0.97	< 10	100	0.32	10
3370	205	226	< 5	32	440	2.0	1.68	6	10	< 0.5	< 2	0.02	2.0	46	79	162	>15.00	< 10	80	0.17	10
3385	205	226	< 5	< 1	13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6751	205	226	< 5	5	10	0.4	0.49	< 2	20	< 0.5	< 2	0.03	< 0.5	3	119	39	1.75	< 10	10	0.35	60
6757	205	226	< 5	< 1	103	0.2	1.59	< 2	10	< 0.5	< 2	0.01	< 0.5	4	81	40	9.62	< 10	80	0.07	< 10
6777	205	226	< 5	2	52	0.4	0.48	6	< 10	< 0.5	< 2	0.05	< 0.5	< 1	63	139	>15.00	< 10	10	0.04	< 10
6952	205	226	< 5	< 1	4	< 0.2	0.07	< 2	< 10	< 0.5	< 2	0.01	< 0.5	3	184	25	1.38	< 10	< 10	0.01	< 10
7089	205	226	< 5	< 1	430	0.2	0.60	< 2	50	< 0.5	< 2	0.05	< 0.5	< 1	39	31	>15.00	< 10	10	0.03	< 10
7194	205	226	20	5	29	1.4	0.24	2	< 10	< 0.5	< 2	3.69	0.5	30	43	256	>15.00	< 10	< 10	0.10	< 10
7298	205	226	< 5	< 1	15	< 0.2	0.58	< 2	< 10	< 0.5	2	1.02	< 0.5	30	41	612	2.68	< 10	< 10	0.01	< 10
7299	205	226	< 5	< 1	61	< 0.2	2.03	< 2	< 10	< 0.5	2	0.13	< 0.5	114	96	794	12.40	< 10	< 10	< 0.01	< 10
7500	205	226	< 5	< 1	34	< 0.2	2.59	2	< 10	< 0.5	< 2	0.66	< 0.5	25	159	46	4.98	10	< 10	< 0.01	< 10
7501	205	226	50	< 1	29	0.4	0.90	< 2	< 10	< 0.5	< 2	0.30	< 0.5	109	69	1025	>15.00	< 10	50	< 0.01	20
7502	205	226	< 5	< 1	82	< 0.2	3.68	4	< 10	< 0.5	< 2	1.11	0.5	37	154	131	6.97	< 10	10	< 0.01	< 10
7503	205	226	60	< 1	152	0.2	5.61	< 2	< 10	< 0.5	< 2	0.08	0.5	5	111	13	>15.00	10	20	< 0.01	< 10
7504	205	226	< 5	< 1	13	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7505	205	226	< 5	< 1	30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7506	205	226	< 5	< 1	19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7507	205	226	< 5	< 1	9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project: 40-431
Comments: ATN: J. BURGESS

Certificate Date: 22-JUL-96
Invoice No. :I9623735
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9623735

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1084	205 226	0.37	170	1	0.01	17	370	12	< 2	< 1	24	< 0.01	< 10	< 10	8	< 10	46
1085	205 226	1.01	375	< 1	0.01	40	910	10	< 2	4	128	< 0.01	< 10	< 10	31	< 10	94
1086	205 226	0.01	65	< 1	< 0.01	105	70	14	< 2	< 1	4	< 0.01	< 10	< 10	1	< 10	12
1087	205 226	0.64	170	1	0.01	12	260	12	< 2	1	13	< 0.01	< 10	< 10	15	< 10	54
2095	205 226	0.01	5	14	0.01	167	150	108	< 2	< 1	9	< 0.01	< 10	< 10	16	< 10	14
3192	205 226	0.03	45	5	0.01	80	80	18	< 2	< 1	5	< 0.01	< 10	< 10	12	< 10	6
3370	205 226	0.96	170	9	< 0.01	304	260	38	< 2	1	5	< 0.01	< 10	< 10	34	< 10	474
3385	205 226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6751	205 226	0.09	85	13	< 0.01	28	130	8	< 2	< 1	4	< 0.01	< 10	< 10	15	< 10	10
6757	205 226	1.09	95	5	< 0.01	14	70	< 2	< 2	3	1	< 0.01	< 10	< 10	44	< 10	118
6777	205 226	0.24	60	< 1	< 0.01	4	520	16	< 2	1	4	< 0.01	< 10	< 10	165	< 10	50
6952	205 226	0.03	70	< 1	< 0.01	13	< 10	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	3	< 10	2
7089	205 226	0.04	140	< 1	< 0.01	23	100	16	< 2	1	6	0.01	< 10	< 10	10	< 10	480
7194	205 226	1.45	1210	17	< 0.01	113	310	14	< 2	< 1	69	< 0.01	< 10	< 10	14	< 10	30
7298	205 226	0.34	495	1	0.02	143	190	< 2	< 2	3	16	0.20	< 10	< 10	41	< 10	12
7299	205 226	1.61	805	11	< 0.01	208	160	< 2	< 2	< 1	4	0.04	< 10	< 10	75	< 10	56
7500	205 226	1.86	910	< 1	0.01	53	350	< 2	< 2	4	11	0.19	< 10	< 10	138	< 10	30
7501	205 226	0.42	205	6	< 0.01	163	240	22	< 2	4	16	0.14	< 10	< 10	68	< 10	32
7502	205 226	2.40	890	< 1	< 0.01	80	390	< 2	< 2	3	14	0.45	< 10	< 10	110	< 10	82
7503	205 226	1.77	5170	< 1	< 0.01	10	230	< 2	< 2	8	5	0.05	< 10	< 10	140	< 10	164
7504	205 226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7505	205 226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7506	205 226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7507	205 226	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

CERTIFICATION: Ian Bucklen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

A9624976

Comments: ATTN: JOHN BURGESS

CERTIFICATE A9624976

(LZV) - KENNECOTT CANADA INC.

Project: 40-431
P.O. #:

Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-AUG-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	14	Pulp; prepped on other workorder
229	14	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2118	14	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	14	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	14	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	14	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	14	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	14	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	14	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	14	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	14	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	14	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	14	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	14	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	14	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	14	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	14	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	14	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	14	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	14	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	14	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	14	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	14	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	14	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	14	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	14	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	14	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	14	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	14	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	14	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	14	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	14	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	14	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	14	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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To: KENNECOTT CANADA INC.
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1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Certificate Date: 02-AUG-96
Invoice No. : I9624976
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9624976

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
3193	299	229	< 0.2	2.31	< 2	10	< 0.5	20	1.51	< 0.5	29	144	59	4.37	< 10	< 10	0.03	< 10	1.61	610	< 1
6451	299	229	< 0.2	0.33	2	30	< 0.5	< 2	0.32	< 0.5	1	32	11	0.61	< 10	10	0.33	30	0.12	45	< 1
6536	299	229	< 0.2	0.75	18	40	< 0.5	< 2	1.12	< 0.5	14	49	21	3.33	< 10	< 10	0.23	20	0.53	425	< 1
6537	299	229	< 0.2	0.05	10	10	< 0.5	< 2	11.25	< 0.5	2	24	4	0.63	< 10	210	0.04	< 10	6.90	225	< 1
6539	299	229	2.2	0.28	18	60	< 0.5	< 2	0.09	< 0.5	< 1	35	2	0.72	< 10	3110	0.22	10	0.06	30	16
6540	299	229	1.2	0.29	16	< 10	< 0.5	< 2	1.34	9.5	8	57	193	>15.00	< 10	1280	0.08	< 10	0.22	7420	17
6541	299	229	0.2	0.41	18	10	< 0.5	< 2	0.01	< 0.5	< 1	29	17	3.01	< 10	820	0.19	40	0.04	65	8
6542	299	229	0.8	0.29	6	30	< 0.5	< 2	0.01	< 0.5	< 1	37	2	0.24	< 10	3920	0.18	20	0.01	30	4
6543	299	229	0.2	0.35	12	20	< 0.5	< 2	< 0.01	< 0.5	< 1	23	3	0.73	< 10	660	0.24	40	0.04	15	19
7482	299	229	4.6	0.23	10	< 10	< 0.5	< 2	0.07	5.5	38	30	1150	>15.00	< 10	30	0.07	< 10	0.11	45	11
7567	299	229	< 0.2	1.34	< 2	120	0.5	< 2	2.83	< 0.5	4	55	48	14.55	< 10	10	0.81	< 10	2.19	1940	< 1
7568	299	229	< 0.2	0.35	< 2	20	< 0.5	< 2	2.07	< 0.5	1	86	1	5.99	< 10	< 10	0.12	< 10	0.71	1245	< 1
7900	299	229	< 0.2	1.53	2	< 10	< 0.5	< 2	3.81	< 0.5	38	52	89	8.13	< 10	10	0.06	< 10	2.67	1190	< 1
7932	299	229	< 0.2	3.09	6	40	< 0.5	22	1.50	< 0.5	50	61	94	10.85	10	210	0.05	< 10	1.90	915	< 1

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA INC.
ONE FINANCIAL PLACE
1 ADELAIDE ST. E., STE. 2520, P.O. BOX 193
TORONTO, ON
M5C 2V9

Project : 40-431
Comments: ATTN: JOHN BURGESS

Page Number :1-B
Total Pages :1
Certificate Date: 02-AUG-96
Invoice No. :I9624976
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9624976

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
3193	299	229	< 0.01	63	510	< 2	< 2	5	38	0.60	< 10	< 10	106	< 10	52
6451	299	229	< 0.01	5	200	28	< 2	< 1	8	< 0.01	< 10	< 10	3	< 10	6
6536	299	229	0.01	37	610	2	< 2	2	84	< 0.01	< 10	< 10	10	< 10	34
6537	299	229	< 0.01	6	130	16	< 2	1	70	< 0.01	< 10	< 10	3	< 10	94
6539	299	229	< 0.01	3	90	46	16	< 1	4	< 0.01	< 10	< 10	19	< 10	6
6540	299	229	< 0.01	115	2140	18	< 2	1	44	< 0.01	< 10	20	46	< 10	1545
6541	299	229	< 0.01	6	320	6	< 2	< 1	3	< 0.01	< 10	< 10	6	< 10	46
6542	299	229	0.01	2	70	10	18	< 1	2	< 0.01	< 10	< 10	16	< 10	8
6543	299	229	< 0.01	8	100	14	< 2	< 1	2	< 0.01	< 10	< 10	20	< 10	2
7482	299	229	< 0.01	439	250	62	< 2	< 1	3	< 0.01	< 10	10	5	< 10	900
7567	299	229	< 0.01	8	270	8	< 2	1	71	0.04	< 10	10	24	< 10	58
7568	299	229	< 0.01	3	370	6	< 2	< 1	36	< 0.01	< 10	< 10	8	< 10	20
7900	299	229	< 0.01	42	570	10	< 2	5	27	< 0.01	< 10	< 10	66	< 10	96
7932	299	229	< 0.01	38	560	18	< 2	7	32	0.79	< 10	< 10	261	< 10	106

CERTIFICATION: Hart Richler

1995 – DDH: Kennecott

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

A9525629

Comments: ATN; M. ROSATELLI

CERTIFICATE A9525629

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 12-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	19	Geochem ring to approx 150 mesh
226	19	0-3 Kg crush and split
3202	19	Rock - save entire reject
229	19	ICP - AQ Digestion charge
238	19	Nitric-aqua-regia digestion
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	19	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	19	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	19	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	19	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	19	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	19	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	19	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	19	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	19	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	19	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	19	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	19	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	19	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	19	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	19	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	19	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	19	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	19	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	19	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	19	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	19	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	19	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	19	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	19	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	19	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	19	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	19	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	19	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	19	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	19	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	19	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	19	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	19	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	18	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	18	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

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TORONTO, ON
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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 12-SEP-95
Invoice No. : I9525629
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525629

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6148	205	226	< 5	0.4	0.58	16	10	< 0.5	2	0.31	1.5	18	30	46	4.73	< 10	50	0.18	< 10	0.28	85
6151	205	226	< 5	< 0.2	0.10	6	< 10	< 0.5	< 2	5.68	< 0.5	3	78	4	9.90	< 10	< 10	< 0.01	< 10	3.78	2340
6154	205	226	< 5	< 0.2	0.41	12	30	< 0.5	< 2	1.43	1.0	10	74	52	13.35	< 10	20	0.19	< 10	1.98	2930
6157	205	226	< 5	< 0.2	0.35	16	20	< 0.5	2	1.42	0.5	9	77	44	14.10	< 10	10	0.15	< 10	1.99	3670
6160	205	226	< 5	0.4	1.14	430	10	< 0.5	4	1.06	< 0.5	13	145	151	12.25	< 10	50	0.12	< 10	1.69	2310
6163	205	226	< 5	1.4	0.86	190	10	< 0.5	2	0.87	5.5	18	73	98	12.80	< 10	810	0.29	10	0.47	160
6166	205	226	30	1.2	0.90	150	10	< 0.5	< 2	1.55	3.5	15	63	121	11.80	< 10	690	0.29	10	0.81	305
6169	205	226	20	1.0	1.02	78	20	< 0.5	2	0.23	3.0	22	64	85	9.40	< 10	300	0.33	10	0.29	60
6172	205	226	5	0.8	0.91	48	20	< 0.5	< 2	0.23	1.0	25	57	88	8.40	< 10	220	0.35	< 10	0.21	45
6175	205	226	< 5	1.0	0.96	80	10	< 0.5	< 2	0.70	3.0	21	49	105	9.59	< 10	300	0.31	10	0.46	90
6178	205	226	5	0.8	0.78	130	10	< 0.5	< 2	2.16	3.5	24	67	153	10.95	< 10	420	0.28	< 10	1.14	420
6181	205	226	20	1.2	0.66	178	10	< 0.5	2	2.35	4.0	18	70	118	13.40	< 10	730	0.23	< 10	1.10	235
6184	205	226	20	1.0	0.68	74	10	< 0.5	2	0.77	3.0	27	96	112	10.60	< 10	230	0.22	< 10	0.47	230
6185	205	226	< 5	0.4	0.49	26	10	< 0.5	< 2	3.52	4.5	13	64	93	9.31	< 10	110	0.21	< 10	1.68	585
6186	205	226	< 5	0.6	0.92	< 2	20	< 0.5	2	1.96	< 0.5	7	74	140	10.25	< 10	< 10	0.24	< 10	1.21	650
6190	205	226	< 5	< 0.2	0.45	< 2	30	< 0.5	< 2	0.19	< 0.5	16	43	31	6.24	< 10	< 10	0.39	10	0.74	8610
6191	205	226	< 5	0.2	0.86	< 2	40	< 0.5	2	0.35	0.5	12	35	16	8.84	< 10	< 10	0.71	10	1.06	9540
6192	205	226	< 5	< 0.2	0.66	< 2	10	< 0.5	< 2	1.02	< 0.5	7	66	7	14.90	< 10	30	0.07	< 10	2.40	9850
6208	205	226	< 5	0.8	0.42	70	20	< 0.5	2	1.34	7.0	10	100	169	11.30	< 10	240	0.15	< 10	1.46	1975

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 12-SEP-95
Invoice No. : I9525629
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525629

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6148	205	226	7	0.01	42	110	8	< 2	< 1	11	< 0.01	< 10	< 10	12	< 10	286	not/ss	not/ss
6151	205	226	< 1	< 0.01	4	170	< 2	< 2	< 1	84	< 0.01	< 10	< 10	9	< 10	24	< 1	26
6154	205	226	1	0.01	21	2100	8	< 2	1	66	< 0.01	< 10	< 10	10	< 10	210	3	236
6157	205	226	2	0.01	18	2300	6	< 2	1	59	< 0.01	< 10	< 10	10	< 10	188	< 1	225
6160	205	226	35	< 0.01	67	2030	16	< 2	1	45	< 0.01	< 10	10	115	< 10	132	11	162
6163	205	226	36	< 0.01	153	440	78	< 2	< 1	26	< 0.01	< 10	10	48	< 10	1100	82	1190
6166	205	226	31	< 0.01	138	300	72	< 2	< 1	41	< 0.01	< 10	10	46	< 10	766	76	810
6169	205	226	15	0.01	95	230	40	< 2	< 1	9	< 0.01	< 10	< 10	23	< 10	650	40	650
6172	205	226	12	0.03	100	210	36	2	< 1	9	< 0.01	< 10	< 10	24	< 10	292	36	300
6175	205	226	13	0.01	120	260	44	< 2	< 1	23	< 0.01	< 10	< 10	19	< 10	732	44	800
6178	205	226	30	0.01	136	320	50	4	< 1	45	< 0.01	< 10	< 10	59	< 10	642	53	770
6181	205	226	53	< 0.01	138	370	74	2	< 1	47	< 0.01	< 10	< 10	80	< 10	748	80	850
6184	205	226	26	0.01	103	240	56	< 2	< 1	27	< 0.01	< 10	< 10	30	< 10	594	58	680
6185	205	226	21	0.01	81	220	14	< 2	< 1	96	< 0.01	< 10	< 10	21	< 10	706	12	860
6186	205	226	7	0.01	105	320	4	< 2	1	60	< 0.01	< 10	< 10	22	< 10	54	3	68
6190	205	226	< 1	< 0.01	42	420	< 2	< 2	1	23	< 0.01	< 10	< 10	8	< 10	56	< 1	65
6191	205	226	< 1	< 0.01	27	310	8	< 2	1	39	0.04	< 10	< 10	15	< 10	42	3	52
6192	205	226	< 1	< 0.01	10	460	< 2	2	2	26	0.01	< 10	< 10	54	< 10	18	< 1	25
6208	205	226	32	< 0.01	95	1860	16	< 2	< 1	53	< 0.01	< 10	< 10	53	< 10	888	15	950

CERTIFICATION: _____

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
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CERTIFICATE OF ANALYSIS A9525629

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6148	205	226	< 5	0.4	0.58	16	10	< 0.5	2	0.31	1.5	18	30	46	4.73	< 10	50	0.18	< 10	0.28	85
6151	205	226	< 5	< 0.2	0.10	6	< 10	< 0.5	< 2	5.68	< 0.5	3	78	4	9.90	< 10	< 10	< 0.01	< 10	3.78	2340
6154	205	226	< 5	< 0.2	0.41	12	30	< 0.5	< 2	1.43	1.0	10	74	52	13.35	< 10	20	0.19	< 10	1.98	2930
6157	205	226	< 5	< 0.2	0.35	16	20	< 0.5	2	1.42	0.5	9	77	44	14.10	< 10	10	0.15	< 10	1.99	3670
6160	205	226	< 5	0.4	1.14	430	10	< 0.5	4	1.06	< 0.5	13	145	151	12.25	< 10	50	0.12	< 10	1.69	2310
6163	205	226	< 5	1.4	0.86	190	10	< 0.5	2	0.87	5.5	18	73	98	12.80	< 10	810	0.29	10	0.47	160
6166	205	226	30	1.2	0.90	150	10	< 0.5	< 2	1.55	3.5	15	63	121	11.80	< 10	690	0.29	10	0.81	305
6169	205	226	20	1.0	1.02	78	20	< 0.5	2	0.23	3.0	22	64	85	9.40	< 10	300	0.33	10	0.29	60
6172	205	226	5	0.8	0.91	48	20	< 0.5	< 2	0.23	1.0	25	57	88	8.40	< 10	220	0.35	< 10	0.21	45
6175	205	226	< 5	1.0	0.96	80	10	< 0.5	< 2	0.70	3.0	21	49	105	9.59	< 10	300	0.31	10	0.46	90
6178	205	226	5	0.8	0.78	130	10	< 0.5	< 2	2.16	3.5	24	67	153	10.95	< 10	420	0.28	< 10	1.14	420
6181	205	226	20	1.2	0.66	178	10	< 0.5	2	2.35	4.0	18	70	118	13.40	< 10	730	0.23	< 10	1.10	235
6184	205	226	20	1.0	0.68	74	10	< 0.5	2	0.77	3.0	27	96	112	10.60	< 10	230	0.22	< 10	0.47	230
6185	205	226	< 5	0.4	0.49	26	10	< 0.5	< 2	3.52	4.5	13	64	93	9.31	< 10	110	0.21	< 10	1.68	585
6186	205	226	< 5	0.6	0.92	< 2	20	< 0.5	2	1.96	< 0.5	7	74	140	10.25	< 10	< 10	0.24	< 10	1.21	650
6190	205	226	< 5	< 0.2	0.45	< 2	30	< 0.5	< 2	0.19	< 0.5	16	43	31	6.24	< 10	< 10	0.39	10	0.74	8610
6191	205	226	< 5	0.2	0.86	< 2	40	< 0.5	2	0.35	0.5	12	35	16	8.84	< 10	< 10	0.71	10	1.06	9540
6192	205	226	< 5	< 0.2	0.66	< 2	10	< 0.5	< 2	1.02	< 0.5	7	66	7	14.90	< 10	30	0.07	< 10	2.40	9850
6208	205	226	< 5	0.8	0.42	70	20	< 0.5	2	1.34	7.0	10	100	169	11.30	< 10	240	0.15	< 10	1.46	1975

CERTIFICATION:_____

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Analytical Chemists * Geochemists * Registered Assayers

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 12-SEP-95
Invoice No. : I9525629
P.O. Number :
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CERTIFICATE OF ANALYSIS A9525629

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6148	205	226	7	0.01	42	110	8	< 2	< 1	11	< 0.01	< 10	< 10	12	< 10	286	not/ss	not/ss
6151	205	226	< 1	< 0.01	4	170	< 2	< 2	< 1	84	< 0.01	< 10	< 10	9	< 10	24	< 1	26
6154	205	226	1	0.01	21	2100	8	< 2	1	66	< 0.01	< 10	< 10	10	< 10	210	3	236
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6163	205	226	36	< 0.01	153	440	78	< 2	< 1	26	< 0.01	< 10	10	48	< 10	1100	82	1190
6166	205	226	31	< 0.01	138	300	72	< 2	< 1	41	< 0.01	< 10	10	46	< 10	766	76	810
6169	205	226	15	0.01	95	230	40	< 2	< 1	9	< 0.01	< 10	< 10	23	< 10	650	40	650
6172	205	226	12	0.03	100	210	36	2	< 1	9	< 0.01	< 10	< 10	24	< 10	292	36	300
6175	205	226	13	0.01	120	260	44	< 2	< 1	23	< 0.01	< 10	< 10	19	< 10	732	44	800
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6184	205	226	26	0.01	103	240	56	< 2	< 1	27	< 0.01	< 10	< 10	30	< 10	594	58	680
6185	205	226	21	0.01	81	220	14	< 2	< 1	96	< 0.01	< 10	< 10	21	< 10	706	12	860
6186	205	226	7	0.01	105	320	4	< 2	1	60	< 0.01	< 10	< 10	22	< 10	54	3	68
6190	205	226	< 1	< 0.01	42	420	< 2	< 2	1	23	< 0.01	< 10	< 10	8	< 10	56	< 1	65
6191	205	226	< 1	< 0.01	27	310	8	< 2	1	39	0.04	< 10	< 10	15	< 10	42	3	52
6192	205	226	< 1	< 0.01	10	460	< 2	2	2	26	0.01	< 10	< 10	54	< 10	18	< 1	25
6208	205	226	32	< 0.01	95	1860	16	< 2	< 1	53	< 0.01	< 10	< 10	53	< 10	888	15	950

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TORONTO, ON
M5J 2S1

A9525633

Comments: ATN; M. ROSATELLI

CERTIFICATE A9525633

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 8-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	9	Geochem ring to approx 150 mesh
226	9	0-3 Kg crush and split
3202	9	Rock - save entire reject
229	9	ICP - AQ Digestion charge
238	4	Nitric-aqua-regia digestion
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
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2119	9	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	9	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	9	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	9	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	9	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	9	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	9	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	9	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	9	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	9	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	9	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	9	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	9	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	9	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	9	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	9	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	9	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	9	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	9	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	9	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	9	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	9	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	9	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	9	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	9	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	9	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	9	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	9	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	9	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	9	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	9	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	4	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	4	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

Chemex Labs Ltd.

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Project : KAN-431
Comments: ATN; M. ROSATELLI

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Invoice No. : I9525633
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525633

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6211	205	226	60	2.4	0.51	122	20	0.5	< 2	2.47	15.5	19	63	357	11.60	< 10	730	0.26	< 10	1.38	1420
6214	205	226	70	1.8	0.54	144	10	< 0.5	< 2	3.36	7.5	14	55	113	9.57	< 10	510	0.14	< 10	1.68	685
6217	205	226	30	1.6	0.71	144	10	< 0.5	< 2	0.42	2.0	24	68	77	10.75	< 10	470	0.27	< 10	0.26	70
6220	205	226	< 5	0.4	0.81	36	10	< 0.5	< 2	0.84	3.0	18	77	132	6.38	< 10	90	0.19	< 10	0.56	180
6227	205	226	< 5	0.2	0.03	2	< 10	< 0.5	< 2	1.94	< 0.5	2	92	2	8.73	< 10	< 10	< 0.01	< 10	2.29	1445
6228	205	226	< 5	< 0.2	0.21	60	< 10	< 0.5	< 2	4.33	< 0.5	13	108	4	10.35	< 10	10	< 0.01	< 10	3.37	2700
6229	205	226	< 5	< 0.2	0.35	< 2	< 10	< 0.5	2	2.19	< 0.5	8	57	9	13.35	< 10	< 10	0.02	< 10	2.51	7330
6230	205	226	< 5	0.6	0.05	2	< 10	< 0.5	2	2.96	< 0.5	2	107	22	6.69	< 10	< 10	< 0.01	< 10	1.97	1165
6231	205	226	< 5	< 0.2	0.16	< 2	< 10	< 0.5	< 2	3.16	0.5	4	108	33	8.69	< 10	< 10	0.08	< 10	2.22	1240

CERTIFICATION: Stuart Bichler

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6211	205	226	129	0.01	234	1970	62	< 2	1	58	< 0.01	< 10	40	261	< 10	2560	84	3800
6214	205	226	42	< 0.01	122	930	46	< 2	1	52	< 0.01	< 10	10	94	< 10	1250	76	2200
6217	205	226	20	0.02	117	270	62	2	1	9	< 0.01	< 10	10	32	< 10	442	79	480
6220	205	226	7	< 0.01	75	320	8	< 2	1	14	< 0.01	< 10	< 10	11	< 10	690	20	710
6227	205	226	< 1	< 0.01	6	190	< 2	< 2	< 1	14	< 0.01	< 10	< 10	6	< 10	8	-----	-----
6228	205	226	< 1	< 0.01	42	600	< 2	< 2	< 1	46	< 0.01	< 10	< 10	20	< 10	12	-----	-----
6229	205	226	1	< 0.01	9	410	< 2	< 2	1	24	< 0.01	< 10	< 10	25	< 10	18	-----	-----
6230	205	226	1	< 0.01	13	170	2	< 2	< 1	42	< 0.01	< 10	< 10	6	< 10	12	-----	-----
6231	205	226	3	< 0.01	22	370	8	< 2	< 1	68	< 0.01	< 10	< 10	7	< 10	48	-----	-----

CERTIFICATION: Stuart Bichler

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6211	205	226	60	2.4	0.51	122	20	0.5	< 2	2.47	15.5	19	63	357	11.60	< 10	730	0.26	< 10	1.38	1420
6214	205	226	70	1.8	0.54	144	10	< 0.5	< 2	3.36	7.5	14	55	113	9.57	< 10	510	0.14	< 10	1.68	685
6217	205	226	30	1.6	0.71	144	10	< 0.5	< 2	0.42	2.0	24	68	77	10.75	< 10	470	0.27	< 10	0.26	70
6220	205	226	< 5	0.4	0.81	36	10	< 0.5	< 2	0.84	3.0	18	77	132	6.38	< 10	90	0.19	< 10	0.56	180
6227	205	226	< 5	0.2	0.03	2	< 10	< 0.5	< 2	1.94	< 0.5	2	92	2	8.73	< 10	< 10	< 0.01	< 10	2.29	1445
6228	205	226	< 5	< 0.2	0.21	60	< 10	< 0.5	< 2	4.33	< 0.5	13	108	4	10.35	< 10	10	< 0.01	< 10	3.37	2700
6229	205	226	< 5	< 0.2	0.35	< 2	< 10	< 0.5	2	2.19	< 0.5	8	57	9	13.35	< 10	< 10	0.02	< 10	2.51	7330
6230	205	226	< 5	0.6	0.05	2	< 10	< 0.5	2	2.96	< 0.5	2	107	22	6.69	< 10	< 10	< 0.01	< 10	1.97	1165
6231	205	226	< 5	< 0.2	0.16	< 2	< 10	< 0.5	< 2	3.16	0.5	4	108	33	8.69	< 10	< 10	0.08	< 10	2.22	1240

CERTIFICATION: Ian Bichler

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Project : KAN-431
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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6211	205	226	129	0.01	234	1970	62	< 2	1	58	< 0.01	< 10	40	261	< 10	2560	84	3800
6214	205	226	42	< 0.01	122	930	46	< 2	1	52	< 0.01	< 10	10	94	< 10	1250	76	2200
6217	205	226	20	0.02	117	270	62	2	1	9	< 0.01	< 10	10	32	< 10	442	79	480
6220	205	226	7	< 0.01	75	320	8	< 2	1	14	< 0.01	< 10	< 10	11	< 10	690	20	710
6227	205	226	< 1	< 0.01	6	190	< 2	< 2	< 1	14	< 0.01	< 10	< 10	6	< 10	8	-----	-----
6228	205	226	< 1	< 0.01	42	600	< 2	< 2	< 1	46	< 0.01	< 10	< 10	20	< 10	12	-----	-----
6229	205	226	1	< 0.01	9	410	< 2	< 2	1	24	< 0.01	< 10	< 10	25	< 10	18	-----	-----
6230	205	226	1	< 0.01	13	170	2	< 2	< 1	42	< 0.01	< 10	< 10	6	< 10	12	-----	-----
6231	205	226	3	< 0.01	22	370	8	< 2	< 1	68	< 0.01	< 10	< 10	7	< 10	48	-----	-----

CERTIFICATION: Hart Bichler

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A9526693

Comments: ATN; M. ROSATELLI

CERTIFICATE A9526693

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 12-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	89	Geochem ring to approx 150 mesh
294	89	4-7 Kg crush and split
3202	89	Rock - save entire reject
229	89	ICP - AQ Digestion charge
238	89	Nitric-aqua-regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	89	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	89	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	89	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	89	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	89	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	89	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	89	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	89	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	89	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	89	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	89	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	89	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	89	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	89	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	89	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	89	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	89	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	89	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	89	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	89	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	89	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	89	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	89	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	89	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	89	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	89	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	89	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	89	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	89	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	89	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	89	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	89	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	89	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	89	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	89	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

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Project : KAN-431
Comments: ATN; M. ROSATELLI

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CERTIFICATE OF ANALYSIS A9526693

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6204	205	294	15	0.2	0.21	20	10	< 0.5	< 2	1.86	1.5	3	117	91	10.35	< 10	70	0.11	< 10	1.85	1350
6205	205	294	10	0.2	0.48	44	20	< 0.5	< 2	1.41	3.5	14	82	163	13.40	< 10	80	0.19	< 10	2.01	2770
6232	205	294	5	0.4	0.27	2	10	< 0.5	< 2	3.42	3.0	15	102	72	5.62	< 10	60	0.17	< 10	1.41	575
6260	205	294	70	0.2	0.61	122	10	< 0.5	< 2	0.76	3.0	27	63	95	>15.00	< 10	640	0.24	< 10	0.49	250
6263	205	294	35	0.2	0.54	88	10	< 0.5	< 2	0.72	3.0	21	57	184	13.15	< 10	710	0.26	< 10	0.43	205
6266	205	294	45	0.2	0.60	110	20	< 0.5	< 2	1.18	3.0	20	54	172	13.70	< 10	640	0.28	10	0.67	225
6269	205	294	30	0.2	0.59	52	20	< 0.5	< 2	0.26	3.0	25	42	138	10.85	< 10	500	0.26	< 10	0.23	70
6270	205	294	70	0.2	0.66	80	20	< 0.5	< 2	0.97	3.5	30	54	171	>15.00	< 10	610	0.24	< 10	0.69	480
6271	205	294	20	< 0.2	0.37	2	10	< 0.5	< 2	0.48	1.0	4	89	273	>15.00	< 10	140	0.09	< 10	0.44	600
6286	205	294	10	< 0.2	0.46	2	< 10	< 0.5	< 2	2.19	< 0.5	6	55	16	14.75	10	20	0.09	< 10	2.53	8850
6287	205	294	< 5	< 0.2	0.51	2	< 10	< 0.5	< 2	2.51	< 0.5	7	68	15	14.40	10	10	0.14	< 10	2.61	9200
6294	205	294	< 5	< 0.2	1.72	48	10	< 0.5	< 2	4.14	1.0	32	75	119	5.68	< 10	10	0.10	< 10	2.75	1000
6295	205	294	< 5	< 0.2	0.87	38	20	< 0.5	< 2	5.17	0.5	32	56	150	5.45	< 10	< 10	0.20	< 10	2.32	1040
6296	205	294	< 5	< 0.2	1.36	2	10	< 0.5	< 2	0.19	< 0.5	9	31	41	4.97	< 10	10	0.11	20	0.82	295
6299	205	294	20	1.2	0.44	32	20	< 0.5	< 2	3.22	5.5	12	46	235	13.30	< 10	460	0.24	< 10	1.55	3270
6302	205	294	20	1.2	0.48	156	10	< 0.5	< 2	1.67	6.0	13	35	235	12.10	< 10	370	0.22	< 10	0.89	1860
6305	205	294	25	1.4	0.45	74	10	< 0.5	< 2	1.42	9.0	22	38	208	10.70	< 10	510	0.22	< 10	0.71	1755
6308	205	294	30	1.4	0.52	180	20	< 0.5	< 2	0.70	12.5	25	45	198	12.95	< 10	930	0.25	< 10	0.45	855
6311	205	294	20	1.0	0.52	16	20	< 0.5	< 2	3.12	6.0	9	57	480	14.45	< 10	320	0.24	< 10	1.50	2440
6314	205	294	30	2.4	0.52	30	20	< 0.5	< 2	1.25	15.0	17	45	483	13.60	< 10	760	0.26	< 10	0.71	1520
6317	205	294	30	1.8	0.71	22	20	< 0.5	< 2	2.14	10.5	11	68	351	11.65	< 10	620	0.28	< 10	1.22	1895
6320	205	294	50	2.6	0.52	204	20	< 0.5	< 2	2.45	12.5	12	59	465	13.55	< 10	790	0.25	< 10	1.37	3230
6323	205	294	40	1.8	0.58	186	20	< 0.5	< 2	1.54	11.5	17	72	323	12.75	< 10	640	0.25	< 10	1.17	2510
6326	205	294	80	3.0	0.64	146	20	< 0.5	< 2	1.65	15.0	19	60	304	12.15	< 10	1160	0.29	< 10	0.99	1940
6329	205	294	35	1.6	0.40	6	20	< 0.5	< 2	0.78	9.0	10	45	249	8.89	< 10	500	0.25	10	0.48	660
6331	205	294	10	< 0.2	< 0.01	60	< 10	< 0.5	< 2	2.77	< 0.5	4	111	28	11.65	< 10	10	0.02	< 10	3.31	2150
6332	205	294	15	< 0.2	0.04	2	< 10	< 0.5	< 2	2.32	< 0.5	3	117	8	10.55	< 10	< 10	0.01	< 10	2.78	1925
6333	205	294	10	< 0.2	0.05	2	< 10	< 0.5	< 2	5.67	< 0.5	3	69	8	11.50	< 10	20	< 0.01	< 10	4.30	2780
6334	205	294	10	< 0.2	0.04	2	< 10	< 0.5	< 2	4.80	< 0.5	2	101	7	9.21	< 10	30	< 0.01	< 10	3.29	2430
6335	205	294	15	< 0.2	0.03	2	< 10	< 0.5	< 2	7.05	0.5	2	68	5	8.00	< 10	20	< 0.01	< 10	3.86	2320
6336	205	294	15	< 0.2	0.27	2	< 10	< 0.5	< 2	2.99	< 0.5	4	81	9	13.25	10	20	< 0.01	< 10	2.66	5580
6337	205	294	20	0.4	0.47	4	10	< 0.5	< 2	1.10	1.0	7	67	87	6.99	< 10	70	0.26	10	0.92	870
6340	205	294	45	1.8	0.57	36	20	< 0.5	< 2	2.37	12.0	14	48	380	12.55	< 10	650	0.30	< 10	1.21	1785
6343	205	294	50	1.6	0.42	92	10	< 0.5	< 2	2.77	8.5	11	44	352	12.75	< 10	540	0.20	< 10	1.62	3510
6346	205	294	< 5	0.8	0.50	2	20	< 0.5	< 2	1.33	3.0	7	33	140	7.34	< 10	140	0.28	10	0.84	1120
6347	205	294	< 5	< 0.2	1.24	2	30	< 0.5	< 2	0.08	< 0.5	10	46	63	3.28	< 10	< 10	0.34	40	0.54	125
6348	205	294	< 5	< 0.2	3.41	14	90	< 0.5	< 2	3.39	0.5	26	77	112	5.79	< 10	< 10	1.11	10	2.36	775
6349	205	294	< 5	0.2	0.74	2	50	< 0.5	< 2	0.67	0.5	7	51	44	2.57	< 10	< 10	0.32	10	0.71	275
6352	205	294	10	1.8	0.51	210	10	< 0.5	< 2	0.54	7.0	16	41	67	12.25	< 10	1170	0.28	< 10	0.38	485
6355	205	294	30	1.6	0.43	150	20	< 0.5	< 2	1.42	11.5	18	47	160	10.55	< 10	1030	0.23	< 10	0.78	1135

CERTIFICATION: Ian Bickler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :1-B
Total Pages :3
Certificate Date: 12-SEP-95
Invoice No. :I9526693
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9526693

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6204	205	294	11	< 0.01	49	180	14	6	1	23	< 0.01	< 10	< 10	27	10	276	8	345
6205	205	294	7	0.01	57	1670	16	10	2	49	< 0.01	< 10	< 10	28	10	474	13	600
6232	205	294	16	< 0.01	50	520	138	4	2	50	< 0.01	< 10	< 10	17	10	176	158	215
6260	205	294	13	0.01	98	310	50	14	2	17	< 0.01	< 10	< 10	17	< 10	638	65	820
6263	205	294	12	0.01	122	310	36	14	2	21	< 0.01	< 10	< 10	15	< 10	744	40	890
6266	205	294	12	0.01	117	220	36	14	2	31	< 0.01	< 10	< 10	17	< 10	626	44	800
6269	205	294	10	0.01	151	470	28	8	2	8	< 0.01	< 10	< 10	13	< 10	786	30	890
6270	205	294	12	0.01	94	240	36	16	2	27	< 0.01	< 10	< 10	21	< 10	846	40	1200
6271	205	294	9	< 0.01	92	190	12	12	2	13	< 0.01	< 10	< 10	17	< 10	212	< 1	285
6286	205	294	< 1	< 0.01	8	380	< 2	8	2	22	0.02	< 10	< 10	53	20	8	< 1	20
6287	205	294	< 1	< 0.01	6	390	< 2	8	2	38	0.02	< 10	< 10	54	30	8	< 1	24
6294	205	294	< 1	< 0.01	58	360	2	2	6	215	0.01	< 10	< 10	57	20	72	< 1	92
6295	205	294	< 1	0.01	61	370	< 2	4	7	246	0.02	< 10	< 10	36	10	52	< 1	76
6296	205	294	< 1	< 0.01	24	190	2	< 2	1	11	0.01	< 10	< 10	8	< 10	60	< 1	75
6299	205	294	76	< 0.01	165	2020	36	12	2	84	< 0.01	< 10	20	150	20	800	50	1150
6302	205	294	52	< 0.01	135	1540	26	14	2	39	< 0.01	< 10	10	105	10	876	35	1200
6305	205	294	67	< 0.01	143	1310	42	14	2	34	< 0.01	< 10	20	107	10	1450	47	1950
6308	205	294	61	< 0.01	153	690	50	14	2	17	< 0.01	< 10	10	96	< 10	1910	56	2400
6311	205	294	42	0.01	178	1180	36	14	3	53	< 0.01	< 10	10	135	20	888	34	1200
6314	205	294	86	< 0.01	156	1270	42	14	2	32	< 0.01	< 10	20	143	< 10	2260	55	2800
6317	205	294	56	0.01	139	1110	20	14	2	47	< 0.01	< 10	20	140	10	1610	30	2000
6320	205	294	96	0.01	191	2260	52	12	2	60	< 0.01	< 10	30	254	10	1715	65	2300
6323	205	294	58	< 0.01	134	1750	38	12	2	43	< 0.01	< 10	20	157	10	1705	43	2150
6326	205	294	115	< 0.01	193	1840	86	14	2	52	< 0.01	< 10	40	329	10	2190	105	2900
6329	205	294	60	0.01	128	690	36	8	2	24	< 0.01	< 10	10	72	< 10	1440	39	1650
6331	205	294	< 1	< 0.01	11	200	2	8	< 1	36	< 0.01	< 10	< 10	10	20	34	< 1	39
6332	205	294	< 1	< 0.01	3	170	< 2	2	< 1	27	< 0.01	< 10	< 10	10	10	14	< 1	26
6333	205	294	< 1	< 0.01	3	180	< 2	4	1	66	< 0.01	< 10	< 10	13	30	20	< 1	30
6334	205	294	< 1	< 0.01	2	390	6	6	< 1	44	< 0.01	< 10	< 10	11	20	12	< 1	22
6335	205	294	< 1	< 0.01	3	190	4	4	< 1	47	< 0.01	< 10	< 10	11	30	4	< 1	13
6336	205	294	< 1	< 0.01	6	290	< 2	8	2	32	< 0.01	< 10	< 10	25	30	14	< 1	25
6337	205	294	12	0.01	59	440	12	6	1	23	< 0.01	< 10	< 10	15	10	176	8	215
6340	205	294	88	0.01	174	1710	66	12	2	64	< 0.01	< 10	30	188	20	1795	76	2350
6343	205	294	79	< 0.01	155	2650	44	12	2	73	< 0.01	< 10	30	224	20	1310	57	1850
6346	205	294	15	0.01	97	250	28	4	2	36	< 0.01	< 10	< 10	19	10	476	27	540
6347	205	294	1	< 0.01	33	190	14	2	1	8	0.01	< 10	< 10	9	< 10	60	14	60
6348	205	294	< 1	0.01	34	280	< 2	4	27	54	0.25	< 10	< 10	201	20	70	< 1	93
6349	205	294	2	< 0.01	36	240	26	4	1	31	< 0.01	< 10	< 10	8	< 10	54	22	56
6352	205	294	62	< 0.01	149	590	68	16	2	15	< 0.01	< 10	10	98	10	1085	80	1300
6355	205	294	158	0.01	255	1540	76	14	2	39	< 0.01	< 10	50	321	20	1985	88	2250

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :2-A
Total Pages :3
Certificate Date: 12-SEP-95
Invoice No. :I9526693
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9526693

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6358	205	294	30	1.8	0.59	144	20	< 0.5	< 2	0.91	9.5	25	48	114	13.70	< 10	880	0.28	< 10	0.65	670
6361	205	294	15	< 0.2	0.24	46	20	< 0.5	< 2	1.80	1.0	10	68	96	>15.00	10	40	0.17	< 10	2.10	1890
6364	205	294	10	< 0.2	0.47	2	30	< 0.5	< 2	1.39	1.5	10	60	149	10.50	< 10	40	0.24	10	1.73	1760
6367	205	294	50	1.2	0.60	154	10	< 0.5	< 2	1.57	5.0	18	49	112	11.90	< 10	630	0.22	< 10	0.86	240
6370	205	294	5	0.6	0.47	18	10	< 0.5	< 2	2.36	1.0	9	98	43	5.72	< 10	70	0.20	< 10	1.28	610
6371	205	294	< 5	< 0.2	0.03	2	< 10	< 0.5	< 2	3.00	< 0.5	2	124	11	9.80	< 10	< 10	< 0.01	< 10	2.84	1745
6372	205	294	< 5	< 0.2	0.02	2	< 10	< 0.5	< 2	2.21	< 0.5	1	140	7	8.41	< 10	< 10	< 0.01	< 10	2.18	1555
6373	205	294	< 5	< 0.2	0.07	2	< 10	< 0.5	< 2	2.40	< 0.5	3	98	7	9.71	< 10	10	< 0.01	< 10	2.47	3260
6374	205	294	< 5	< 0.2	0.30	2	< 10	< 0.5	< 2	2.22	0.5	7	78	12	>15.00	10	< 10	0.01	< 10	2.57	8240
6375	205	294	< 5	< 0.2	0.44	2	< 10	< 0.5	< 2	2.05	< 0.5	4	63	12	>15.00	10	< 10	< 0.01	< 10	2.53	8360
6376	205	294	< 5	< 0.2	0.18	2	< 10	< 0.5	< 2	2.89	0.5	6	50	11	>15.00	10	< 10	< 0.01	< 10	2.98	6830
6377	205	294	< 5	< 0.2	0.39	2	< 10	< 0.5	< 2	1.60	0.5	7	68	12	>15.00	10	< 10	< 0.01	< 10	2.53	8480
6378	205	294	< 5	< 0.2	0.43	20	< 10	< 0.5	< 2	2.52	0.5	7	77	89	13.90	10	70	0.05	< 10	2.58	6980
6381	205	294	< 5	0.8	0.59	250	20	< 0.5	< 2	0.61	5.0	20	70	161	>15.00	< 10	1090	0.24	< 10	0.34	165
6384	205	294	15	0.8	0.67	40	10	< 0.5	< 2	1.40	3.5	18	60	107	7.93	< 10	310	0.27	< 10	0.71	235
6387	205	294	5	< 0.2	0.32	14	< 10	< 0.5	< 2	2.12	1.5	10	100	51	9.52	< 10	50	0.10	< 10	1.89	1215
6400	205	294	70	< 0.2	0.20	2	< 10	< 0.5	< 2	3.08	< 0.5	3	69	16	>15.00	10	< 10	0.01	< 10	3.20	4840
6401	205	294	< 5	< 0.2	0.29	2	< 10	< 0.5	< 2	1.28	0.5	4	68	12	>15.00	< 10	10	< 0.01	< 10	2.49	3910
6402	205	294	30	< 0.2	0.41	52	10	< 0.5	< 2	1.41	0.5	19	67	100	14.25	< 10	120	0.12	< 10	1.33	2120
6403	205	294	< 5	< 0.2	0.17	2	< 10	< 0.5	< 2	2.61	< 0.5	9	62	194	>15.00	< 10	30	0.08	< 10	2.03	4300
6404	205	294	< 5	< 0.2	0.17	2	< 10	< 0.5	< 2	3.55	0.5	4	53	23	>15.00	< 10	< 10	0.01	< 10	2.99	4940
6405	205	294	< 5	< 0.2	0.15	2	< 10	< 0.5	< 2	1.51	0.5	3	54	11	>15.00	< 10	10	< 0.01	< 10	2.66	5010
6406	205	294	< 5	< 0.2	0.12	2	< 10	< 0.5	< 2	4.24	0.5	3	41	9	13.45	< 10	< 10	0.01	< 10	3.08	5850
6407	205	294	< 5	< 0.2	0.25	2	< 10	< 0.5	< 2	5.11	< 0.5	4	40	10	13.15	< 10	< 10	0.01	< 10	3.43	6380
6408	205	294	< 5	< 0.2	0.08	2	< 10	< 0.5	< 2	4.63	0.5	2	52	23	14.35	< 10	< 10	< 0.01	< 10	3.69	3310
6411	205	294	< 5	0.8	0.70	80	10	< 0.5	< 2	0.94	2.0	18	46	99	9.21	< 10	400	0.24	< 10	0.55	335
6414	205	294	30	1.2	0.57	216	10	< 0.5	< 2	1.83	3.5	16	71	81	11.80	< 10	860	0.27	10	0.90	475
6417	205	294	25	0.2	1.56	4	20	< 0.5	< 2	1.61	5.0	6	82	236	9.81	10	340	0.19	< 10	1.41	1260
6420	205	294	20	0.8	0.93	174	20	< 0.5	< 2	1.92	6.0	16	102	146	11.75	< 10	830	0.31	10	1.00	730
6422	205	294	< 5	< 0.2	0.02	2	< 10	< 0.5	< 2	2.88	< 0.5	2	112	26	8.38	< 10	10	< 0.01	< 10	2.51	1415
6423	205	294	< 5	< 0.2	0.03	2	< 10	< 0.5	< 2	2.46	< 0.5	< 1	119	11	9.06	< 10	< 10	< 0.01	< 10	2.54	1855
6424	205	294	< 5	< 0.2	0.05	2	< 10	< 0.5	< 2	3.14	< 0.5	1	91	17	10.90	< 10	< 10	< 0.01	< 10	3.23	2590
6425	205	294	10	< 0.2	0.41	82	< 10	< 0.5	< 2	2.50	2.0	8	106	51	9.83	< 10	310	0.14	< 10	2.15	1580
6428	205	294	10	0.4	0.48	90	10	< 0.5	< 2	4.00	2.0	14	62	94	9.22	< 10	500	0.22	< 10	1.83	350
6431	205	294	10	0.2	0.69	50	10	< 0.5	< 2	2.62	0.5	16	84	69	6.63	< 10	220	0.17	< 10	1.43	570
6432	205	294	< 5	< 0.2	0.06	2	< 10	< 0.5	< 2	5.04	< 0.5	6	98	10	7.92	< 10	10	0.01	< 10	3.08	1380
6433	205	294	< 5	< 0.2	0.01	2	< 10	< 0.5	< 2	2.87	< 0.5	2	93	7	8.26	< 10	10	< 0.01	< 10	2.54	1260
6434	205	294	< 5	< 0.2	0.03	2	< 10	< 0.5	< 2	2.44	< 0.5	2	88	7	9.59	< 10	< 10	< 0.01	< 10	2.38	1775
6435	205	294	< 5	< 0.2	0.05	2	< 10	< 0.5	< 2	4.95	0.5	4	84	7	8.71	< 10	10	0.01	< 10	3.20	2510
6436	205	294	5	< 0.2	0.01	2	< 10	< 0.5	< 2	2.72	< 0.5	3	77	10	11.75	< 10	10	0.02	< 10	2.79	3780

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 12-SEP-95
Invoice No. :I9526693
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9526693

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6358	205	294	60	0.01	141	470	72	16	2	27	< 0.01	< 10	10	89	10	1505	85	1900
6361	205	294	< 1	0.01	23	1860	6	12	2	67	< 0.01	< 10	< 10	19	30	182	4	225
6364	205	294	11	0.01	42	1510	12	10	2	54	< 0.01	< 10	< 10	32	20	258	7	315
6367	205	294	28	0.01	120	290	58	12	2	33	< 0.01	< 10	< 10	37	10	896	70	1150
6370	205	294	7	0.01	42	320	10	6	2	37	< 0.01	< 10	< 10	13	10	186	9	230
6371	205	294	< 1	< 0.01	7	340	4	6	1	33	< 0.01	< 10	< 10	12	30	14	< 1	22
6372	205	294	< 1	< 0.01	4	130	< 2	6	< 1	18	< 0.01	< 10	< 10	12	20	6	< 1	9
6373	205	294	< 1	< 0.01	6	220	< 2	8	1	18	< 0.01	< 10	< 10	11	20	6	< 1	13
6374	205	294	< 1	< 0.01	5	390	< 2	10	2	22	< 0.01	< 10	< 10	33	30	8	< 1	18
6375	205	294	< 1	< 0.01	7	320	< 2	12	2	20	< 0.01	< 10	< 10	44	30	8	< 1	20
6376	205	294	< 1	< 0.01	3	420	< 2	8	1	32	< 0.01	< 10	< 10	24	40	4	< 1	13
6377	205	294	< 1	< 0.01	6	340	2	12	2	22	< 0.01	< 10	< 10	36	30	6	< 1	16
6378	205	294	1	< 0.01	21	390	14	12	2	31	< 0.01	< 10	< 10	37	30	74	3	106
6381	205	294	73	0.01	165	480	78	16	3	13	< 0.01	< 10	10	119	< 10	738	97	930
6384	205	294	12	0.02	80	250	30	8	2	20	< 0.01	< 10	< 10	15	10	636	28	690
6387	205	294	4	0.01	35	200	10	6	1	24	< 0.01	< 10	< 10	19	20	276	7	320
6400	205	294	< 1	< 0.01	2	200	< 2	10	1	54	< 0.01	< 10	< 10	21	40	20	< 1	33
6401	205	294	< 1	< 0.01	1	230	< 2	12	1	18	< 0.01	< 10	< 10	29	20	10	< 1	26
6402	205	294	6	< 0.01	39	280	30	14	2	39	< 0.01	< 10	< 10	21	20	180	24	240
6403	205	294	2	< 0.01	46	290	12	14	2	62	< 0.01	< 10	< 10	16	30	86	7	119
6404	205	294	< 1	< 0.01	4	170	10	12	1	38	< 0.01	< 10	< 10	20	40	22	< 1	25
6405	205	294	< 1	< 0.01	3	300	< 2	12	1	11	< 0.01	< 10	< 10	24	30	4	< 1	14
6406	205	294	< 1	< 0.01	1	240	4	8	1	17	< 0.01	< 10	< 10	19	30	2	< 1	9
6407	205	294	< 1	< 0.01	3	340	< 2	10	1	19	< 0.01	< 10	< 10	26	40	4	< 1	10
6408	205	294	< 1	< 0.01	4	140	6	10	1	43	< 0.01	< 10	< 10	20	40	6	< 1	18
6411	205	294	13	< 0.01	87	230	28	6	2	22	< 0.01	< 10	< 10	16	10	596	28	660
6414	205	294	21	< 0.01	129	220	54	14	2	41	< 0.01	< 10	< 10	24	10	648	62	760
6417	205	294	34	0.01	101	1680	14	6	3	48	< 0.01	< 10	< 10	129	20	844	15	1050
6420	205	294	59	< 0.01	142	480	54	12	3	44	< 0.01	< 10	10	122	10	1020	65	1250
6422	205	294	< 1	< 0.01	12	100	2	6	< 1	28	< 0.01	< 10	< 10	10	20	18	< 1	23
6423	205	294	< 1	< 0.01	4	90	< 2	6	< 1	19	< 0.01	< 10	< 10	14	20	10	< 1	22
6424	205	294	< 1	< 0.01	6	160	< 2	10	1	33	< 0.01	< 10	< 10	13	30	18	< 1	30
6425	205	294	15	< 0.01	61	240	8	10	2	41	< 0.01	< 10	< 10	32	20	442	10	600
6428	205	294	15	0.01	102	170	28	8	2	46	< 0.01	< 10	< 10	19	20	586	34	770
6431	205	294	13	0.01	56	270	14	6	2	30	< 0.01	< 10	< 10	22	10	182	8	215
6432	205	294	< 1	< 0.01	12	2410	4	6	1	28	< 0.01	< 10	< 10	12	30	14	< 1	22
6433	205	294	< 1	< 0.01	4	200	< 2	6	< 1	15	< 0.01	< 10	< 10	9	20	16	< 1	23
6434	205	294	< 1	< 0.01	3	130	< 2	8	< 1	13	< 0.01	< 10	< 10	14	20	4	< 1	8
6435	205	294	< 1	< 0.01	3	140	2	6	< 1	25	< 0.01	< 10	< 10	13	30	2	< 1	8
6436	205	294	< 1	< 0.01	2	240	< 2	6	1	15	< 0.01	< 10	< 10	11	30	2	< 1	12

CERTIFICATION: Stewart Bradley

Chemex Labs Ltd.

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P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 12-SEP-95
Invoice No. :I9526693
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9526693

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6437	205	294	< 5	< 0.2	0.32	< 2	10	< 0.5	< 2	1.53	< 0.5	6	63	14	>15.00	< 10	< 10	0.03	< 10	2.50	7950
6438	205	294	< 5	0.2	1.75	< 2	70	< 0.5	< 2	0.12	1.0	14	87	64	6.11	< 10	40	1.40	20	0.80	305
6447	205	294	< 5	< 0.2	0.28	< 2	10	< 0.5	< 2	2.40	0.5	9	117	52	6.18	< 10	100	0.13	< 10	1.35	680
6448	205	294	< 5	< 0.2	0.15	< 2	10	< 0.5	< 2	2.94	< 0.5	6	99	37	10.10	< 10	40	0.08	< 10	2.51	1410
6463	205	294	5	0.2	0.51	2	20	< 0.5	< 2	1.56	1.0	17	66	113	8.13	< 10	440	0.24	10	0.81	535
6464	205	294	15	0.2	0.54	42	10	< 0.5	< 2	0.52	2.5	22	40	150	12.15	< 10	1000	0.22	10	0.32	135
6465	205	294	5	< 0.2	0.38	38	10	< 0.5	< 2	0.62	1.0	12	110	101	6.90	< 10	660	0.17	< 10	0.19	210
6466	205	294	< 5	< 0.2	0.23	24	10	< 0.5	< 2	2.39	0.5	9	119	91	5.89	< 10	550	0.09	< 10	1.17	595
6476	205	294	< 5	< 0.2	0.30	18	10	< 0.5	< 2	1.11	1.0	9	108	50	10.75	< 10	520	0.08	< 10	1.49	4570

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 12-SEP-95
Invoice No. :19526693
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9526693

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6437	205	294	< 1	< 0.01	5	320	< 2	10	2	16	0.01	< 10	< 10	36	30	4	< 1	16
6438	205	294	3	< 0.01	42	140	6	< 2	2	6	0.13	< 10	< 10	59	< 10	178	3	200
6447	205	294	16	< 0.01	40	230	2	4	1	36	< 0.01	< 10	< 10	27	10	146	3	168
6448	205	294	5	< 0.01	21	300	4	8	1	31	< 0.01	< 10	< 10	18	20	40	< 1	52
6463	205	294	10	0.01	71	260	14	12	2	26	< 0.01	< 10	< 10	14	10	356	8	420
6464	205	294	14	0.01	110	230	26	12	2	14	< 0.01	< 10	< 10	17	< 10	718	34	840
6465	205	294	11	< 0.01	66	160	30	6	1	8	< 0.01	< 10	< 10	13	< 10	394	35	430
6466	205	294	12	< 0.01	32	290	16	4	1	23	< 0.01	< 10	< 10	24	10	232	20	275
6476	205	294	4	< 0.01	19	260	14	8	1	13	< 0.01	< 10	< 10	25	10	326	19	400

CERTIFICATION: Stan Bulkley

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CERTIFICATE OF ANALYSIS A9526693

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6204	205	294	15	0.2	0.21	20	10	< 0.5	< 2	1.86	1.5	3	117	91	10.35	< 10	70	0.11	< 10	1.85	1350
6205	205	294	10	0.2	0.48	44	20	< 0.5	< 2	1.41	3.5	14	82	163	13.40	< 10	80	0.19	< 10	2.01	2770
6232	205	294	5	0.4	0.27	2	10	< 0.5	< 2	3.42	3.0	15	102	72	5.62	< 10	60	0.17	< 10	1.41	575
6260	205	294	70	0.2	0.61	122	10	< 0.5	< 2	0.76	3.0	27	63	95	>15.00	< 10	640	0.24	< 10	0.49	250
6263	205	294	35	0.2	0.54	88	10	< 0.5	< 2	0.72	3.0	21	57	184	13.15	< 10	710	0.26	< 10	0.43	205
6266	205	294	45	0.2	0.60	110	20	< 0.5	< 2	1.18	3.0	20	54	172	13.70	< 10	640	0.28	10	0.67	225
6269	205	294	30	0.2	0.59	52	20	< 0.5	< 2	0.26	3.0	25	42	138	10.85	< 10	500	0.26	< 10	0.23	70
6270	205	294	70	0.2	0.66	80	20	< 0.5	< 2	0.97	3.5	30	54	171	>15.00	< 10	610	0.24	< 10	0.69	480
6271	205	294	20	< 0.2	0.37	2	10	< 0.5	< 2	0.48	1.0	4	89	273	>15.00	< 10	140	0.09	< 10	0.44	600
6286	205	294	10	< 0.2	0.46	2	< 10	< 0.5	< 2	2.19	< 0.5	6	55	16	14.75	10	20	0.09	< 10	2.53	8850
6287	205	294	< 5	< 0.2	0.51	2	< 10	< 0.5	< 2	2.51	< 0.5	7	68	15	14.40	10	10	0.14	< 10	2.61	9200
6294	205	294	< 5	< 0.2	1.72	48	10	< 0.5	< 2	4.14	1.0	32	75	119	5.68	< 10	10	0.10	< 10	2.75	1000
6295	205	294	< 5	< 0.2	0.87	38	20	< 0.5	< 2	5.17	0.5	32	56	150	5.45	< 10	< 10	0.20	< 10	2.32	1040
6296	205	294	< 5	< 0.2	1.36	2	10	< 0.5	< 2	0.19	< 0.5	9	31	41	4.97	< 10	10	0.11	20	0.82	295
6299	205	294	20	1.2	0.44	32	20	< 0.5	< 2	3.22	5.5	12	46	235	13.30	< 10	460	0.24	< 10	1.55	3270
6302	205	294	20	1.2	0.48	156	10	< 0.5	< 2	1.67	6.0	13	35	235	12.10	< 10	370	0.22	< 10	0.89	1860
6305	205	294	25	1.4	0.45	74	10	< 0.5	< 2	1.42	9.0	22	38	208	10.70	< 10	510	0.22	< 10	0.71	1755
6308	205	294	30	1.4	0.52	180	20	< 0.5	< 2	0.70	12.5	25	45	198	12.95	< 10	930	0.25	< 10	0.45	855
6311	205	294	20	1.0	0.52	16	20	< 0.5	< 2	3.12	6.0	9	57	480	14.45	< 10	320	0.24	< 10	1.50	2440
6314	205	294	30	2.4	0.52	30	20	< 0.5	< 2	1.25	15.0	17	45	483	13.60	< 10	760	0.26	< 10	0.71	1520
6317	205	294	30	1.8	0.71	22	20	< 0.5	< 2	2.14	10.5	11	68	351	11.65	< 10	620	0.28	< 10	1.22	1895
6320	205	294	50	2.6	0.52	204	20	< 0.5	< 2	2.45	12.5	12	59	465	13.55	< 10	790	0.25	< 10	1.37	3230
6323	205	294	40	1.8	0.58	186	20	< 0.5	< 2	1.54	11.5	17	72	323	12.75	< 10	640	0.25	< 10	1.17	2510
6326	205	294	80	3.0	0.64	146	20	< 0.5	< 2	1.65	15.0	19	60	304	12.15	< 10	1160	0.29	< 10	0.99	1940
6329	205	294	35	1.6	0.40	6	20	< 0.5	< 2	0.78	9.0	10	45	249	8.89	< 10	500	0.25	10	0.48	660
6331	205	294	10	< 0.2	< 0.01	60	< 10	< 0.5	< 2	2.77	< 0.5	4	111	28	11.65	< 10	10	0.02	< 10	3.31	2150
6332	205	294	15	< 0.2	0.04	2	< 10	< 0.5	< 2	2.32	< 0.5	3	117	8	10.55	< 10	< 10	0.01	< 10	2.78	1925
6333	205	294	10	< 0.2	0.05	2	< 10	< 0.5	< 2	5.67	< 0.5	3	69	8	11.50	< 10	20	< 0.01	< 10	4.30	2780
6334	205	294	10	< 0.2	0.04	2	< 10	< 0.5	< 2	4.80	< 0.5	2	101	7	9.21	< 10	30	< 0.01	< 10	3.29	2430
6335	205	294	15	< 0.2	0.03	2	< 10	< 0.5	< 2	7.05	0.5	2	68	5	8.00	< 10	20	< 0.01	< 10	3.86	2320
6336	205	294	15	< 0.2	0.27	2	< 10	< 0.5	< 2	2.99	< 0.5	4	81	9	13.25	10	20	< 0.01	< 10	2.66	5580
6337	205	294	20	0.4	0.47	4	10	< 0.5	< 2	1.10	1.0	7	67	87	6.99	< 10	70	0.26	10	0.92	870
6340	205	294	45	1.8	0.57	36	20	< 0.5	< 2	2.37	12.0	14	48	380	12.55	< 10	650	0.30	< 10	1.21	1785
6343	205	294	50	1.6	0.42	92	10	< 0.5	< 2	2.77	8.5	11	44	352	12.75	< 10	540	0.20	< 10	1.62	3510
6346	205	294	< 5	0.8	0.50	2	20	< 0.5	< 2	1.33	3.0	7	33	140	7.34	< 10	140	0.28	10	0.84	1120
6347	205	294	< 5	< 0.2	1.24	2	30	< 0.5	< 2	0.08	< 0.5	10	46	63	3.28	< 10	< 10	0.34	40	0.54	125
6348	205	294	< 5	< 0.2	3.41	14	90	< 0.5	< 2	3.39	0.5	26	77	112	5.79	< 10	< 10	1.11	10	2.36	775
6349	205	294	< 5	0.2	0.74	2	50	< 0.5	< 2	0.67	0.5	7	51	44	2.57	< 10	< 10	0.32	10	0.71	275
6352	205	294	10	1.8	0.51	210	10	< 0.5	< 2	0.54	7.0	16	41	67	12.25	< 10	1170	0.28	< 10	0.38	485
6355	205	294	30	1.6	0.43	150	20	< 0.5	< 2	1.42	11.5	18	47	160	10.55	< 10	1030	0.23	< 10	0.78	1135

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6204	205	294	11	< 0.01	49	180	14	6	1	23	< 0.01	< 10	< 10	27	10	276	8	345
6205	205	294	7	0.01	57	1670	16	10	2	49	< 0.01	< 10	< 10	28	10	474	13	600
6232	205	294	16	< 0.01	50	520	138	4	2	50	< 0.01	< 10	< 10	17	10	176	158	215
6260	205	294	13	0.01	98	310	50	14	2	17	< 0.01	< 10	< 10	17	< 10	638	65	820
6263	205	294	12	0.01	122	310	36	14	2	21	< 0.01	< 10	< 10	15	< 10	744	40	890
6266	205	294	12	0.01	117	220	36	14	2	31	< 0.01	< 10	< 10	17	< 10	626	44	800
6269	205	294	10	0.01	151	470	28	8	2	8	< 0.01	< 10	< 10	13	< 10	786	30	890
6270	205	294	12	0.01	94	240	36	16	2	27	< 0.01	< 10	< 10	21	< 10	846	40	1200
6271	205	294	9	< 0.01	92	190	12	12	2	13	< 0.01	< 10	< 10	17	< 10	212	< 1	285
6286	205	294	< 1	< 0.01	8	380	< 2	8	2	22	0.02	< 10	< 10	53	20	8	< 1	20
6287	205	294	< 1	< 0.01	6	390	< 2	8	2	38	0.02	< 10	< 10	54	30	8	< 1	24
6294	205	294	< 1	< 0.01	58	360	2	2	6	215	0.01	< 10	< 10	57	20	72	< 1	92
6295	205	294	< 1	0.01	61	370	< 2	4	7	246	0.02	< 10	< 10	36	10	52	< 1	76
6296	205	294	< 1	< 0.01	24	190	2	< 2	1	11	0.01	< 10	< 10	8	< 10	60	< 1	75
6299	205	294	76	< 0.01	165	2020	36	12	2	84	< 0.01	< 10	20	150	20	800	50	1150
6302	205	294	52	< 0.01	135	1540	26	14	2	39	< 0.01	< 10	10	105	10	876	35	1200
6305	205	294	67	< 0.01	143	1310	42	14	2	34	< 0.01	< 10	20	107	10	1450	47	1950
6308	205	294	61	< 0.01	153	690	50	14	2	17	< 0.01	< 10	10	96	< 10	1910	56	2400
6311	205	294	42	0.01	178	1180	36	14	3	53	< 0.01	< 10	10	135	20	888	34	1200
6314	205	294	86	< 0.01	156	1270	42	14	2	32	< 0.01	< 10	20	143	< 10	2260	55	2800
6317	205	294	56	0.01	139	1110	20	14	2	47	< 0.01	< 10	20	140	10	1610	30	2000
6320	205	294	96	0.01	191	2260	52	12	2	60	< 0.01	< 10	30	254	10	1715	65	2300
6323	205	294	58	< 0.01	134	1750	38	12	2	43	< 0.01	< 10	20	157	10	1705	43	2150
6326	205	294	115	< 0.01	193	1840	86	14	2	52	< 0.01	< 10	40	329	10	2190	105	2900
6329	205	294	60	0.01	128	690	36	8	2	24	< 0.01	< 10	10	72	< 10	1440	39	1650
6331	205	294	< 1	< 0.01	11	200	2	8	< 1	36	< 0.01	< 10	< 10	10	20	34	< 1	39
6332	205	294	< 1	< 0.01	3	170	< 2	2	< 1	27	< 0.01	< 10	< 10	10	10	14	< 1	26
6333	205	294	< 1	< 0.01	3	180	< 2	4	1	66	< 0.01	< 10	< 10	13	30	20	< 1	30
6334	205	294	< 1	< 0.01	2	390	6	6	< 1	44	< 0.01	< 10	< 10	11	20	12	< 1	22
6335	205	294	< 1	< 0.01	3	190	4	4	< 1	47	< 0.01	< 10	< 10	11	30	4	< 1	13
6336	205	294	< 1	< 0.01	6	290	< 2	8	2	32	< 0.01	< 10	< 10	25	30	14	< 1	25
6337	205	294	12	0.01	59	440	12	6	1	23	< 0.01	< 10	< 10	15	10	176	8	215
6340	205	294	88	0.01	174	1710	66	12	2	64	< 0.01	< 10	30	188	20	1795	76	2350
6343	205	294	79	< 0.01	155	2650	44	12	2	73	< 0.01	< 10	30	224	20	1310	57	1850
6346	205	294	15	0.01	97	250	28	4	2	36	< 0.01	< 10	< 10	19	10	476	27	540
6347	205	294	1	< 0.01	33	190	14	2	1	8	0.01	< 10	< 10	9	< 10	60	14	60
6348	205	294	< 1	0.01	34	280	< 2	4	27	54	0.25	< 10	< 10	201	20	70	< 1	93
6349	205	294	2	< 0.01	36	240	26	4	1	31	< 0.01	< 10	< 10	8	< 10	54	22	56
6352	205	294	62	< 0.01	149	590	68	16	2	15	< 0.01	< 10	10	98	10	1085	80	1300
6355	205	294	158	0.01	255	1540	76	14	2	39	< 0.01	< 10	50	321	20	1985	88	2250

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6358	205	294	30	1.8	0.59	144	20	< 0.5	< 2	0.91	9.5	25	48	114	13.70	< 10	880	0.28	< 10	0.65	670
6361	205	294	15	< 0.2	0.24	46	20	< 0.5	< 2	1.80	1.0	10	68	96	>15.00	10	40	0.17	< 10	2.10	1890
6364	205	294	10	< 0.2	0.47	2	30	< 0.5	< 2	1.39	1.5	10	60	149	10.50	< 10	40	0.24	10	1.73	1760
6367	205	294	50	1.2	0.60	154	10	< 0.5	< 2	1.57	5.0	18	49	112	11.90	< 10	630	0.22	< 10	0.86	240
6370	205	294	5	0.6	0.47	18	10	< 0.5	< 2	2.36	1.0	9	98	43	5.72	< 10	70	0.20	< 10	1.28	610
6371	205	294	< 5	< 0.2	0.03	2	< 10	< 0.5	< 2	3.00	< 0.5	2	124	11	9.80	< 10	< 10	< 0.01	< 10	2.84	1745
6372	205	294	< 5	< 0.2	0.02	2	< 10	< 0.5	< 2	2.21	< 0.5	1	140	7	8.41	< 10	< 10	< 0.01	< 10	2.18	1555
6373	205	294	< 5	< 0.2	0.07	2	< 10	< 0.5	< 2	2.40	< 0.5	3	98	7	9.71	< 10	10	< 0.01	< 10	2.47	3260
6374	205	294	< 5	< 0.2	0.30	2	< 10	< 0.5	< 2	2.22	0.5	7	78	12	>15.00	10	< 10	0.01	< 10	2.57	8240
6375	205	294	< 5	< 0.2	0.44	2	< 10	< 0.5	< 2	2.05	< 0.5	4	63	12	>15.00	10	< 10	< 0.01	< 10	2.53	8360
6376	205	294	< 5	< 0.2	0.18	2	< 10	< 0.5	< 2	2.89	0.5	6	50	11	>15.00	10	< 10	< 0.01	< 10	2.98	6830
6377	205	294	< 5	< 0.2	0.39	2	< 10	< 0.5	< 2	1.60	0.5	7	68	12	>15.00	10	< 10	< 0.01	< 10	2.53	8480
6378	205	294	< 5	< 0.2	0.43	20	< 10	< 0.5	< 2	2.52	0.5	7	77	89	13.90	10	70	0.05	< 10	2.58	6980
6381	205	294	< 5	0.8	0.59	250	20	< 0.5	< 2	0.61	5.0	20	70	161	>15.00	< 10	1090	0.24	< 10	0.34	165
6384	205	294	15	0.8	0.67	40	10	< 0.5	< 2	1.40	3.5	18	60	107	7.93	< 10	310	0.27	< 10	0.71	235
6387	205	294	5	< 0.2	0.32	14	< 10	< 0.5	< 2	2.12	1.5	10	100	51	9.52	< 10	50	0.10	< 10	1.89	1215
6400	205	294	70	< 0.2	0.20	2	< 10	< 0.5	< 2	3.08	< 0.5	3	69	16	>15.00	10	< 10	0.01	< 10	3.20	4840
6401	205	294	< 5	< 0.2	0.29	2	< 10	< 0.5	< 2	1.28	0.5	4	68	12	>15.00	< 10	10	< 0.01	< 10	2.49	3910
6402	205	294	30	< 0.2	0.41	52	10	< 0.5	< 2	1.41	0.5	19	67	100	14.25	< 10	120	0.12	< 10	1.33	2120
6403	205	294	< 5	< 0.2	0.17	2	< 10	< 0.5	< 2	2.61	< 0.5	9	62	194	>15.00	< 10	30	0.08	< 10	2.03	4300
6404	205	294	< 5	< 0.2	0.17	2	< 10	< 0.5	< 2	3.55	0.5	4	53	23	>15.00	< 10	< 10	0.01	< 10	2.99	4940
6405	205	294	< 5	< 0.2	0.15	2	< 10	< 0.5	< 2	1.51	0.5	3	54	11	>15.00	< 10	10	< 0.01	< 10	2.66	5010
6406	205	294	< 5	< 0.2	0.12	2	< 10	< 0.5	< 2	4.24	0.5	3	41	9	13.45	< 10	< 10	0.01	< 10	3.08	5850
6407	205	294	< 5	< 0.2	0.25	2	< 10	< 0.5	< 2	5.11	< 0.5	4	40	10	13.15	< 10	< 10	0.01	< 10	3.43	6380
6408	205	294	< 5	< 0.2	0.08	2	< 10	< 0.5	< 2	4.63	0.5	2	52	23	14.35	< 10	< 10	< 0.01	< 10	3.69	3310
6411	205	294	< 5	0.8	0.70	80	10	< 0.5	< 2	0.94	2.0	18	46	99	9.21	< 10	400	0.24	< 10	0.55	335
6414	205	294	30	1.2	0.57	216	10	< 0.5	< 2	1.83	3.5	16	71	81	11.80	< 10	860	0.27	10	0.90	475
6417	205	294	25	0.2	1.56	4	20	< 0.5	< 2	1.61	5.0	6	82	236	9.81	10	340	0.19	< 10	1.41	1260
6420	205	294	20	0.8	0.93	174	20	< 0.5	< 2	1.92	6.0	16	102	146	11.75	< 10	830	0.31	10	1.00	730
6422	205	294	< 5	< 0.2	0.02	2	< 10	< 0.5	< 2	2.88	< 0.5	2	112	26	8.38	< 10	10	< 0.01	< 10	2.51	1415
6423	205	294	< 5	< 0.2	0.03	2	< 10	< 0.5	< 2	2.46	< 0.5	< 1	119	11	9.06	< 10	< 10	< 0.01	< 10	2.54	1855
6424	205	294	< 5	< 0.2	0.05	2	< 10	< 0.5	< 2	3.14	< 0.5	1	91	17	10.90	< 10	< 10	< 0.01	< 10	3.23	2590
6425	205	294	10	< 0.2	0.41	82	< 10	< 0.5	< 2	2.50	2.0	8	106	51	9.83	< 10	310	0.14	< 10	2.15	1580
6428	205	294	10	0.4	0.48	90	10	< 0.5	< 2	4.00	2.0	14	62	94	9.22	< 10	500	0.22	< 10	1.83	350
6431	205	294	10	0.2	0.69	50	10	< 0.5	< 2	2.62	0.5	16	84	69	6.63	< 10	220	0.17	< 10	1.43	570
6432	205	294	< 5	< 0.2	0.06	2	< 10	< 0.5	< 2	5.04	< 0.5	6	98	10	7.92	< 10	10	0.01	< 10	3.08	1380
6433	205	294	< 5	< 0.2	0.01	2	< 10	< 0.5	< 2	2.87	< 0.5	2	93	7	8.26	< 10	10	< 0.01	< 10	2.54	1260
6434	205	294	< 5	< 0.2	0.03	2	< 10	< 0.5	< 2	2.44	< 0.5	2	88	7	9.59	< 10	< 10	< 0.01	< 10	2.38	1775
6435	205	294	< 5	< 0.2	0.05	2	< 10	< 0.5	< 2	4.95	0.5	4	84	7	8.71	< 10	10	0.01	< 10	3.20	2510
6436	205	294	5	< 0.2	0.01	2	< 10	< 0.5	< 2	2.72	< 0.5	3	77	10	11.75	< 10	10	0.02	< 10	2.79	3780

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA, INC.
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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 12-SEP-95
Invoice No. :I9526693
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9526693

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6358	205 294	60	0.01	141	470	72	16	2	27	< 0.01	< 10	10	89	10	1505	85	1900
6361	205 294	< 1	0.01	23	1860	6	12	2	67	< 0.01	< 10	< 10	19	30	182	4	225
6364	205 294	11	0.01	42	1510	12	10	2	54	< 0.01	< 10	< 10	32	20	258	7	315
6367	205 294	28	0.01	120	290	58	12	2	33	< 0.01	< 10	< 10	37	10	896	70	1150
6370	205 294	7	0.01	42	320	10	6	2	37	< 0.01	< 10	< 10	13	10	186	9	230
6371	205 294	< 1	< 0.01	7	340	4	6	1	33	< 0.01	< 10	< 10	12	30	14	< 1	22
6372	205 294	< 1	< 0.01	4	130	< 2	6	< 1	18	< 0.01	< 10	< 10	12	20	6	< 1	9
6373	205 294	< 1	< 0.01	6	220	< 2	8	1	18	< 0.01	< 10	< 10	11	20	6	< 1	13
6374	205 294	< 1	< 0.01	5	390	< 2	10	2	22	< 0.01	< 10	< 10	33	30	8	< 1	18
6375	205 294	< 1	< 0.01	7	320	< 2	12	2	20	< 0.01	< 10	< 10	44	30	8	< 1	20
6376	205 294	< 1	< 0.01	3	420	< 2	8	1	32	< 0.01	< 10	< 10	24	40	4	< 1	13
6377	205 294	< 1	< 0.01	6	340	2	12	2	22	< 0.01	< 10	< 10	36	30	6	< 1	16
6378	205 294	1	< 0.01	21	390	14	12	2	31	< 0.01	< 10	< 10	37	30	74	3	106
6381	205 294	73	0.01	165	480	78	16	3	13	< 0.01	< 10	10	119	< 10	738	97	930
6384	205 294	12	0.02	80	250	30	8	2	20	< 0.01	< 10	< 10	15	10	636	28	690
6387	205 294	4	0.01	35	200	10	6	1	24	< 0.01	< 10	< 10	19	20	276	7	320
6400	205 294	< 1	< 0.01	2	200	< 2	10	1	54	< 0.01	< 10	< 10	21	40	20	< 1	33
6401	205 294	< 1	< 0.01	1	230	< 2	12	1	18	< 0.01	< 10	< 10	29	20	10	< 1	26
6402	205 294	6	< 0.01	39	280	30	14	2	39	< 0.01	< 10	< 10	21	20	180	24	240
6403	205 294	2	< 0.01	46	290	12	14	2	62	< 0.01	< 10	< 10	16	30	86	7	119
6404	205 294	< 1	< 0.01	4	170	10	12	1	38	< 0.01	< 10	< 10	20	40	22	< 1	25
6405	205 294	< 1	< 0.01	3	300	< 2	12	1	11	< 0.01	< 10	< 10	24	30	4	< 1	14
6406	205 294	< 1	< 0.01	1	240	4	8	1	17	< 0.01	< 10	< 10	19	30	2	< 1	9
6407	205 294	< 1	< 0.01	3	340	< 2	10	1	19	< 0.01	< 10	< 10	26	40	4	< 1	10
6408	205 294	< 1	< 0.01	4	140	6	10	1	43	< 0.01	< 10	< 10	20	40	6	< 1	18
6411	205 294	13	< 0.01	87	230	28	6	2	22	< 0.01	< 10	< 10	16	10	596	28	660
6414	205 294	21	< 0.01	129	220	54	14	2	41	< 0.01	< 10	< 10	24	10	648	62	760
6417	205 294	34	0.01	101	1680	14	6	3	48	< 0.01	< 10	< 10	129	20	844	15	1050
6420	205 294	59	< 0.01	142	480	54	12	3	44	< 0.01	< 10	10	122	10	1020	65	1250
6422	205 294	< 1	< 0.01	12	100	2	6	< 1	28	< 0.01	< 10	< 10	10	20	18	< 1	23
6423	205 294	< 1	< 0.01	4	90	< 2	6	< 1	19	< 0.01	< 10	< 10	14	20	10	< 1	22
6424	205 294	< 1	< 0.01	6	160	< 2	10	1	33	< 0.01	< 10	< 10	13	30	18	< 1	30
6425	205 294	15	< 0.01	61	240	8	10	2	41	< 0.01	< 10	< 10	32	20	442	10	600
6428	205 294	15	0.01	102	170	28	8	2	46	< 0.01	< 10	< 10	19	20	586	34	770
6431	205 294	13	0.01	56	270	14	6	2	30	< 0.01	< 10	< 10	22	10	182	8	215
6432	205 294	< 1	< 0.01	12	2410	4	6	1	28	< 0.01	< 10	< 10	12	30	14	< 1	22
6433	205 294	< 1	< 0.01	4	200	< 2	6	< 1	15	< 0.01	< 10	< 10	9	20	16	< 1	23
6434	205 294	< 1	< 0.01	3	130	< 2	8	< 1	13	< 0.01	< 10	< 10	14	20	4	< 1	8
6435	205 294	< 1	< 0.01	3	140	2	6	< 1	25	< 0.01	< 10	< 10	13	30	2	< 1	8
6436	205 294	< 1	< 0.01	2	240	< 2	6	1	15	< 0.01	< 10	< 10	11	30	2	< 1	12

CERTIFICATION:

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :3-A
Total Pages :3
Certificate Date: 12-SEP-95
Invoice No. :I9526693
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9526693

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6437	205	294	< 5	< 0.2	0.32	< 2	10	< 0.5	< 2	1.53	< 0.5	6	63	14	>15.00	< 10	< 10	0.03	< 10	2.50	7950
6438	205	294	< 5	0.2	1.75	< 2	70	< 0.5	< 2	0.12	1.0	14	87	64	6.11	< 10	40	1.40	20	0.80	305
6447	205	294	< 5	< 0.2	0.28	< 2	10	< 0.5	< 2	2.40	0.5	9	117	52	6.18	< 10	100	0.13	< 10	1.35	680
6448	205	294	< 5	< 0.2	0.15	< 2	10	< 0.5	< 2	2.94	< 0.5	6	99	37	10.10	< 10	40	0.08	< 10	2.51	1410
6463	205	294	5	0.2	0.51	2	20	< 0.5	< 2	1.56	1.0	17	66	113	8.13	< 10	440	0.24	10	0.81	535
6464	205	294	15	0.2	0.54	42	10	< 0.5	< 2	0.52	2.5	22	40	150	12.15	< 10	1000	0.22	10	0.32	135
6465	205	294	5	< 0.2	0.38	38	10	< 0.5	< 2	0.62	1.0	12	110	101	6.90	< 10	660	0.17	< 10	0.19	210
6466	205	294	< 5	< 0.2	0.23	24	10	< 0.5	< 2	2.39	0.5	9	119	91	5.89	< 10	550	0.09	< 10	1.17	595
6476	205	294	< 5	< 0.2	0.30	18	10	< 0.5	< 2	1.11	1.0	9	108	50	10.75	< 10	520	0.08	< 10	1.49	4570

CERTIFICATION: Ian Pirie

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 12-SEP-95
Invoice No. : I9526693
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9526693

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6437	205	294	< 1	< 0.01	5	320	< 2	10	2	16	0.01	< 10	< 10	36	30	4	< 1	16
6438	205	294	3	< 0.01	42	140	6	< 2	2	6	0.13	< 10	< 10	59	< 10	178	3	200
6447	205	294	16	< 0.01	40	230	2	4	1	36	< 0.01	< 10	< 10	27	10	146	3	168
6448	205	294	5	< 0.01	21	300	4	8	1	31	< 0.01	< 10	< 10	18	20	40	< 1	52
6463	205	294	10	0.01	71	260	14	12	2	26	< 0.01	< 10	< 10	14	10	356	8	420
6464	205	294	14	0.01	110	230	26	12	2	14	< 0.01	< 10	< 10	17	< 10	718	34	840
6465	205	294	11	< 0.01	66	160	30	6	1	8	< 0.01	< 10	< 10	13	< 10	394	35	430
6466	205	294	12	< 0.01	32	290	16	4	1	23	< 0.01	< 10	< 10	24	10	232	20	275
6476	205	294	4	< 0.01	19	260	14	8	1	13	< 0.01	< 10	< 10	25	10	326	19	400

CERTIFICATION:

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A9527052

Comments: ATN: M. ROSATELLI

CERTIFICATE A9527052

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 15-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	141	Geochem ring to approx 150 mesh
294	141	4-7 Kg crush and split
3202	141	Rock - save entire reject
229	141	ICP - AQ Digestion charge
238	141	Nitric-aqua-regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	141	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	141	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	141	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	141	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	141	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	141	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	141	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	141	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	141	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	141	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	141	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	141	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	141	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	141	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	141	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	141	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	141	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	141	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	141	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	141	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	141	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	141	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	141	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	141	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	141	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	141	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	141	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	141	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	141	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	141	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	141	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	141	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	141	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	141	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	141	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

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M5J 2S1

Project : KAN-431
Comments: ATN: M. ROSATELLI

Certificate Date: 15-SEP-95
Invoice No. :I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6119	205	294	50	2.2	0.89	150	20	0.5	2	1.87	18.5	25	62	267	12.60	< 10	725	0.28	< 10	1.05	995
6120	205	294	50	2.6	0.93	216	30	0.5	2	1.15	21.5	29	84	160	12.80	< 10	1120	0.32	< 10	0.64	595
6122	205	294	40	2.2	0.80	78	10	< 0.5	2	1.80	13.5	21	84	338	12.90	< 10	550	0.20	< 10	1.11	1685
6123	205	294	35	2.0	0.38	28	10	< 0.5	4	4.10	8.5	11	74	342	13.75	< 10	350	0.13	< 10	1.91	3510
6125	205	294	45	2.4	0.56	36	10	< 0.5	< 2	2.81	14.5	15	59	307	12.90	< 10	570	0.22	< 10	1.35	1760
6128	205	294	45	2.4	0.55	60	10	< 0.5	< 2	2.03	13.5	26	58	410	13.60	< 10	570	0.23	< 10	1.04	1410
6129	205	294	5	1.0	0.94	34	20	< 0.5	2	1.09	6.0	15	68	340	11.60	< 10	280	0.25	< 10	0.76	615
6131	205	294	30	1.6	0.80	136	20	0.5	< 2	0.80	5.0	18	71	103	11.40	< 10	710	0.28	10	0.57	305
6132	205	294	15	1.2	0.85	66	10	< 0.5	< 2	2.13	6.0	20	52	189	12.45	< 10	410	0.24	< 10	1.18	655
6134	205	294	< 5	0.8	2.37	18	< 10	< 0.5	2	2.36	< 0.5	17	78	193	13.90	< 10	20	0.04	< 10	2.51	1940
6137	205	294	35	2.0	0.78	42	10	< 0.5	< 2	0.64	10.0	33	48	314	>15.00	< 10	390	0.23	< 10	0.45	260
6138	205	294	20	1.2	0.80	74	10	< 0.5	4	1.60	4.0	22	46	101	11.75	< 10	420	0.27	< 10	0.87	440
6140	205	294	10	1.4	0.85	40	10	< 0.5	4	1.05	1.5	21	45	102	9.56	< 10	250	0.25	< 10	0.69	270
6141	205	294	15	1.2	0.80	36	10	< 0.5	2	0.69	2.0	23	44	99	9.18	< 10	210	0.26	< 10	0.51	195
6143	205	294	15	1.4	0.85	42	10	< 0.5	2	0.75	1.5	29	41	83	9.54	< 10	230	0.26	< 10	0.57	190
6144	205	294	15	1.4	1.04	34	10	< 0.5	4	1.04	1.0	25	41	127	11.30	< 10	190	0.27	< 10	0.77	240
6146	205	294	20	1.4	0.82	42	20	< 0.5	< 2	0.23	1.5	26	52	63	8.45	< 10	260	0.29	< 10	0.27	65
6147	205	294	10	1.2	0.93	32	10	< 0.5	< 2	0.65	1.0	22	42	93	9.71	< 10	210	0.26	< 10	0.53	160
6149	205	294	25	0.8	0.71	12	10	< 0.5	2	0.81	1.0	18	79	75	7.91	< 10	70	0.24	< 10	0.51	235
6162	205	294	< 5	0.8	0.71	122	10	< 0.5	< 2	2.25	4.5	18	69	110	12.05	< 10	410	0.18	< 10	1.10	435
6164	205	294	45	1.2	0.66	154	10	< 0.5	< 2	1.97	5.0	15	59	119	12.20	< 10	490	0.17	< 10	1.00	330
6165	205	294	60	1.8	0.69	202	10	< 0.5	2	0.31	7.0	20	64	178	>15.00	< 10	740	0.17	< 10	0.24	85
6167	205	294	15	1.0	0.78	106	10	< 0.5	4	2.59	3.5	16	57	106	10.15	< 10	400	0.21	< 10	1.33	395
6168	205	294	15	1.2	0.78	80	10	< 0.5	< 2	0.65	3.0	21	55	126	10.65	< 10	310	0.22	< 10	0.44	115
6170	205	294	5	0.6	0.85	52	10	< 0.5	2	1.52	1.0	17	45	124	10.10	< 10	190	0.21	< 10	0.91	195
6171	205	294	< 5	0.4	0.89	42	10	< 0.5	< 2	1.99	2.0	17	47	143	10.30	< 10	200	0.21	< 10	1.16	245
6173	205	294	30	0.8	0.56	114	10	< 0.5	4	3.57	3.0	15	52	83	11.25	< 10	380	0.17	< 10	1.72	280
6174	205	294	15	0.6	0.55	90	10	< 0.5	4	2.93	3.0	15	41	128	10.95	< 10	320	0.16	< 10	1.37	270
6176	205	294	< 5	0.8	0.60	44	10	< 0.5	< 2	0.48	6.0	22	82	341	11.30	< 10	260	0.21	< 10	0.31	85
6177	205	294	< 5	0.8	0.66	48	10	< 0.5	2	1.01	1.5	21	61	224	9.73	< 10	170	0.23	< 10	0.60	220
6179	205	294	40	1.4	0.65	246	10	< 0.5	2	1.22	7.5	20	71	87	13.10	< 10	1030	0.27	< 10	0.59	170
6180	205	294	40	1.2	0.61	248	10	< 0.5	2	2.20	6.0	16	63	109	12.95	< 10	940	0.25	< 10	1.04	295
6182	205	294	30	1.0	0.57	146	10	< 0.5	2	1.63	4.5	17	50	105	12.15	< 10	470	0.21	< 10	0.78	150
6216B	205	294	35	1.8	0.50	46	10	< 0.5	4	2.50	10.5	17	63	198	11.40	< 10	420	0.20	< 10	1.35	1715
6409	205	294	20	1.2	0.68	70	< 10	< 0.5	2	1.27	1.0	17	78	186	14.20	< 10	140	0.11	< 10	1.21	1340
6410	205	294	15	1.2	0.84	68	10	< 0.5	4	1.00	1.5	20	61	74	10.55	< 10	270	0.19	< 10	0.63	270
6412	205	294	40	2.4	1.17	180	10	< 0.5	< 2	1.57	9.5	19	83	302	13.80	< 10	990	0.17	< 10	0.82	940
6413	205	294	25	1.8	0.65	224	10	< 0.5	< 2	2.14	5.0	17	82	87	12.75	< 10	860	0.19	< 10	1.04	485
6415	205	294	25	1.4	0.75	174	10	< 0.5	4	1.72	4.5	21	71	114	12.00	< 10	630	0.20	< 10	0.90	435
6416	205	294	20	1.8	1.18	18	20	< 0.5	2	0.98	8.5	8	71	338	8.91	< 10	520	0.24	< 10	0.76	325

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN: M. ROSATELLI

Certificate Date: 15-SEP-95
Invoice No. : I9527052
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6119	205	294	141	< 0.01	291	660	68	< 2	< 1	39	0.01	< 10	50	506	< 10	2660	75	3400
6120	205	294	149	< 0.01	398	770	78	< 2	< 1	30	0.01	< 10	30	550	< 10	3080	76	3600
6122	205	294	120	< 0.01	250	1930	52	< 2	< 1	53	< 0.01	< 10	30	426	< 10	1945	53	2450
6123	205	294	101	< 0.01	255	3410	56	4	< 1	112	< 0.01	< 10	20	252	< 10	1185	54	1500
6125	205	294	134	< 0.01	239	2120	56	< 2	< 1	74	< 0.01	< 10	40	301	< 10	2080	60	2600
6128	205	294	127	< 0.01	243	1690	54	4	< 1	55	< 0.01	< 10	30	336	< 10	2100	52	2400
6129	205	294	32	< 0.01	217	620	20	< 2	< 1	28	< 0.01	< 10	< 10	61	< 10	1060	13	1250
6131	205	294	27	< 0.01	137	260	66	4	< 1	21	< 0.01	< 10	< 10	26	< 10	880	72	980
6132	205	294	14	0.01	110	250	30	< 2	< 1	53	< 0.01	< 10	< 10	13	< 10	1080	30	1400
6134	205	294	1	< 0.01	75	2770	22	< 2	1	71	< 0.01	< 10	< 10	95	< 10	128	13	140
6137	205	294	27	< 0.01	172	410	38	< 2	< 1	17	< 0.01	< 10	< 10	26	< 10	1845	32	2400
6138	205	294	18	0.01	103	220	48	< 2	< 1	35	< 0.01	< 10	< 10	18	< 10	754	49	800
6140	205	294	12	0.01	102	200	28	4	< 1	31	< 0.01	< 10	< 10	8	< 10	408	24	420
6141	205	294	11	0.01	101	210	28	< 2	< 1	21	< 0.01	< 10	< 10	7	< 10	410	25	430
6143	205	294	12	0.01	93	220	30	< 2	< 1	21	< 0.01	< 10	< 10	6	< 10	448	25	435
6144	205	294	11	0.01	112	200	28	< 2	1	30	< 0.01	< 10	< 10	7	< 10	358	20	370
6146	205	294	10	0.02	84	190	30	< 2	< 1	9	< 0.01	< 10	< 10	9	< 10	422	26	420
6147	205	294	11	0.01	100	200	26	< 2	< 1	21	< 0.01	< 10	< 10	10	< 10	374	23	375
6149	205	294	16	0.01	67	380	8	< 2	< 1	26	< 0.01	< 10	< 10	11	< 10	250	1	260
6162	205	294	28	< 0.01	124	430	54	< 2	< 1	58	< 0.01	< 10	< 10	33	< 10	912	57	1100
6164	205	294	28	< 0.01	127	170	64	< 2	< 1	45	< 0.01	< 10	< 10	25	< 10	1030	74	1250
6165	205	294	43	< 0.01	160	260	100	< 2	< 1	10	< 0.01	< 10	10	38	< 10	1330	110	1700
6167	205	294	14	< 0.01	118	260	40	< 2	< 1	60	< 0.01	< 10	< 10	12	< 10	684	40	760
6168	205	294	14	0.01	127	260	44	< 2	< 1	20	< 0.01	< 10	< 10	7	< 10	634	44	680
6170	205	294	11	0.01	106	220	28	4	< 1	40	< 0.01	< 10	< 10	9	< 10	350	26	400
6171	205	294	9	0.01	110	270	24	< 2	1	51	< 0.01	< 10	< 10	10	< 10	580	20	620
6173	205	294	26	0.01	116	210	50	< 2	< 1	69	< 0.01	< 10	< 10	19	< 10	894	57	1000
6174	205	294	18	0.01	135	300	40	< 2	< 1	67	< 0.01	< 10	< 10	13	< 10	804	42	920
6176	205	294	12	0.01	149	200	24	< 2	< 1	13	< 0.01	< 10	< 10	3	< 10	1290	18	1500
6177	205	294	10	0.02	122	250	24	< 2	< 1	25	< 0.01	< 10	< 10	7	< 10	368	19	360
6179	205	294	77	< 0.01	204	710	94	< 2	< 1	25	< 0.01	< 10	20	152	< 10	1380	85	1600
6180	205	294	91	< 0.01	217	660	82	< 2	< 1	42	< 0.01	< 10	30	164	< 10	1220	76	1400
6182	205	294	22	< 0.01	142	200	68	< 2	< 1	33	< 0.01	< 10	< 10	18	< 10	1015	73	1250
6216B	205	294	123	< 0.01	193	1680	50	< 2	< 1	59	< 0.01	< 10	20	297	< 10	1630	56	2200
6409	205	294	12	< 0.01	100	220	20	< 2	< 1	29	< 0.01	< 10	< 10	20	< 10	304	18	348
6410	205	294	12	< 0.01	95	250	28	< 2	< 1	25	< 0.01	< 10	< 10	7	< 10	512	24	530
6412	205	294	75	< 0.01	178	1200	78	6	< 1	42	< 0.01	< 10	20	297	< 10	1500	76	1750
6413	205	294	49	< 0.01	148	450	66	2	< 1	45	< 0.01	< 10	< 10	74	< 10	944	74	1200
6415	205	294	22	< 0.01	163	270	50	< 2	< 1	46	< 0.01	< 10	< 10	22	< 10	916	52	1050
6416	205	294	115	< 0.01	219	780	36	< 2	< 1	34	< 0.01	< 10	30	202	< 10	1590	32	1700

CERTIFICATION:

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
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Project : KAN-431
Comments: ATN: M. ROSATELLI

Page Number :2-A
Total Pages :4
Certificate Date: 15-SEP-95
Invoice No. :I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6418	205	294	30	2.4	0.96	80	20	< 0.5	< 2	2.01	11.0	17	91	211	10.25	< 10	1030	0.22	< 10	1.04	1080
6419	205	294	25	1.6	1.24	76	20	< 0.5	< 2	2.29	6.5	18	130	172	8.85	< 10	720	0.27	10	1.39	995
6421	205	294	10	0.8	0.53	44	10	< 0.5	< 2	2.73	5.0	10	144	252	12.30	< 10	420	0.12	< 10	2.36	1690
6426	205	294	5	0.2	0.78	130	10	< 0.5	< 2	2.55	2.5	22	101	84	10.45	< 10	670	0.24	< 10	1.26	250
6427	205	294	< 5	0.2	0.66	102	10	< 0.5	< 2	4.29	2.0	21	106	160	10.30	< 10	470	0.24	< 10	1.95	340
6429	205	294	< 5	0.4	1.05	74	10	< 0.5	< 2	0.73	2.0	25	103	113	10.15	< 10	430	0.29	< 10	0.51	85
6430	205	294	< 5	0.4	1.09	88	10	< 0.5	< 2	1.03	1.0	25	109	99	10.80	< 10	360	0.25	< 10	0.70	120
6431B	205	294	< 5	< 0.2	0.14	36	< 10	< 0.5	< 2	5.00	< 0.5	3	99	21	10.35	< 10	10	0.01	< 10	3.61	1835
6454	205	294	< 5	< 0.2	0.34	72	< 10	< 0.5	< 2	1.93	< 0.5	8	99	17	12.55	< 10	10	0.01	< 10	2.40	4530
6455	205	294	< 5	< 0.2	0.61	106	< 10	< 0.5	< 2	3.68	< 0.5	13	156	16	9.38	< 10	30	0.02	< 10	2.82	1520
6462	205	294	< 5	0.8	1.68	14	10	< 0.5	< 2	1.96	< 0.5	17	117	163	>15.00	10	300	0.14	< 10	2.03	3120
6464	205	294	< 5	< 0.2	0.51	14	10	< 0.5	< 2	1.68	< 0.5	4	216	4	10.10	< 10	30	0.06	< 10	1.69	7640
6477	205	294	< 5	< 0.2	0.56	12	20	0.5	< 2	5.28	< 0.5	16	102	104	10.30	< 10	80	0.25	< 10	2.58	1645
6550	205	294	< 5	< 0.2	0.05	< 2	< 10	< 0.5	< 2	2.93	< 0.5	1	113	1	11.50	< 10	< 10	< 0.01	< 10	2.15	2530
6551	205	294	10	< 0.2	0.12	8	< 10	< 0.5	< 2	6.74	< 0.5	2	73	4	12.65	< 10	< 10	< 0.01	< 10	3.99	3390
6552	205	294	60	< 0.2	0.05	< 2	< 10	< 0.5	< 2	6.05	< 0.5	2	90	3	11.00	< 10	< 10	< 0.01	< 10	3.53	3360
6553	205	294	4830	0.2	0.20	< 2	< 10	< 0.5	< 2	8.41	< 0.5	2	43	8	12.85	< 10	70	0.01	< 10	4.71	5020
6554	205	294	2450	< 0.2	0.10	4	< 10	< 0.5	< 2	8.91	< 0.5	2	54	5	11.45	< 10	20	0.01	< 10	4.79	4180
6555	205	294	40	< 0.2	0.08	28	< 10	< 0.5	< 2	9.27	< 0.5	1	63	1	10.75	< 10	10	< 0.01	< 10	5.08	3120
6556	205	294	400	< 0.2	0.09	4	< 10	< 0.5	< 2	9.86	< 0.5	1	66	3	10.90	< 10	10	< 0.01	< 10	5.28	3250
6557	205	294	25	< 0.2	0.06	8	< 10	< 0.5	< 2	9.91	< 0.5	1	17	2	11.25	< 10	10	0.01	< 10	5.46	3140
6558	205	294	125	< 0.2	0.13	6	< 10	< 0.5	< 2	8.90	< 0.5	3	46	5	10.25	< 10	< 10	0.01	< 10	4.87	3250
6559	205	294	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	8.09	< 0.5	2	23	2	12.65	< 10	< 10	0.01	< 10	4.72	4650
6560	205	294	135	0.2	0.33	6	< 10	< 0.5	< 2	5.60	< 0.5	3	20	2	>15.00	< 10	10	0.02	< 10	4.11	4930
6561	205	294	215	< 0.2	0.17	22	< 10	< 0.5	2	7.14	< 0.5	3	26	3	12.75	< 10	< 10	0.02	< 10	4.43	4540
6562	205	294	55	< 0.2	0.25	< 2	< 10	< 0.5	< 2	2.62	< 0.5	3	93	3	>15.00	< 10	< 10	0.02	< 10	2.90	5610
6563	205	294	635	< 0.2	0.21	4	10	< 0.5	< 2	3.07	< 0.5	2	65	6	>15.00	< 10	10	0.06	< 10	3.34	4960
6564	205	294	60	< 0.2	0.26	< 2	10	< 0.5	< 2	3.13	< 0.5	4	86	4	>15.00	< 10	< 10	0.08	< 10	3.13	6730
6565	205	294	1830	0.4	0.38	4	< 10	< 0.5	< 2	2.95	< 0.5	6	97	19	>15.00	< 10	40	0.03	< 10	2.87	6430
6566	205	294	55	< 0.2	0.25	4	< 10	< 0.5	< 2	6.47	< 0.5	2	84	6	13.05	< 10	< 10	0.02	< 10	4.05	6080
6567	205	294	1190	< 0.2	0.29	8	10	< 0.5	< 2	4.77	< 0.5	4	112	8	13.20	< 10	< 10	0.05	< 10	3.48	5950
6568	205	294	70	< 0.2	0.48	8	10	< 0.5	< 2	4.57	< 0.5	4	110	10	11.70	< 10	< 10	0.06	< 10	3.37	5910
6569	205	294	4950	0.4	0.35	< 2	10	< 0.5	< 2	2.49	< 0.5	4	298	32	7.34	< 10	10	0.11	< 10	1.66	3030
6570	205	294	7540	< 0.2	0.63	2	30	< 0.5	< 2	2.00	< 0.5	10	139	88	>15.00	< 10	< 10	0.17	< 10	3.14	8240
6571	205	294	980	< 0.2	0.46	6	10	< 0.5	< 2	5.90	< 0.5	1	183	6	7.40	< 10	20	0.08	< 10	3.08	4360
6572	205	294	6790	< 0.2	0.70	< 2	< 10	< 0.5	< 2	3.28	< 0.5	9	139	34	13.00	< 10	< 10	0.01	< 10	2.79	7720
6573	205	294	2060	< 0.2	0.72	< 2	< 10	< 0.5	< 2	3.70	< 0.5	7	137	45	13.25	< 10	< 10	0.01	< 10	3.28	7850
6574	205	294	8120	1.4	0.43	12	< 10	< 0.5	< 2	3.37	< 0.5	6	153	17	12.25	< 10	90	0.01	< 10	2.93	7360
6575	205	294	235	< 0.2	0.50	32	< 10	< 0.5	< 2	4.59	< 0.5	5	68	4	12.85	< 10	< 10	< 0.01	< 10	3.38	8210
6576	205	294	80	< 0.2	0.69	6	< 10	< 0.5	< 2	9.02	< 0.5	5	72	4	9.75	< 10	10	< 0.01	< 10	4.68	6810

CERTIFICATION: _____

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Project : KAN-431
Comments: ATN: M. ROSATELLI

Page Number :2-B
Total Pages :4
Certificate Date: 15-SEP-95
Invoice No. : I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6418	205	294	99	< 0.01	163	1260	54	< 2	1	48	< 0.01	< 10	30	419	< 10	2110	56	2350
6419	205	294	71	0.01	133	890	48	< 2	2	44	< 0.01	< 10	20	236	< 10	1310	45	1400
6421	205	294	53	< 0.01	123	900	28	< 2	1	50	< 0.01	< 10	10	195	< 10	998	25	1000
6426	205	294	19	0.01	146	140	42	< 2	1	36	< 0.01	< 10	< 10	19	< 10	740	36	750
6427	205	294	16	0.01	114	170	28	< 2	2	56	< 0.01	< 10	< 10	16	< 10	698	22	680
6429	205	294	14	0.01	131	180	32	< 2	1	12	< 0.01	< 10	10	17	< 10	690	27	650
6430	205	294	15	0.01	115	190	18	< 2	1	15	< 0.01	< 10	< 10	19	< 10	458	12	440
6431B	205	294	< 1	< 0.01	13	500	< 2	< 2	1	48	< 0.01	< 10	< 10	14	< 10	16	< 1	16
6454	205	294	< 1	< 0.01	11	240	< 2	< 2	< 1	26	< 0.01	< 10	< 10	23	< 10	26	< 1	27
6455	205	294	3	< 0.01	55	1170	< 2	< 2	2	57	< 0.01	< 10	< 10	27	< 10	32	< 1	33
6462	205	294	7	< 0.01	89	550	8	< 2	3	42	< 0.01	< 10	< 10	51	< 10	186	< 1	175
6464	205	294	< 1	0.04	8	760	< 2	< 2	1	30	0.01	< 10	< 10	42	< 10	18	< 1	17
6477	205	294	23	< 0.01	63	480	12	< 2	2	65	< 0.01	< 10	< 10	29	< 10	54	5	53
6550	205	294	< 1	< 0.01	2	190	< 2	< 2	< 1	16	< 0.01	< 10	< 10	7	< 10	8	< 1	7
6551	205	294	< 1	< 0.01	3	190	< 2	< 2	< 1	53	< 0.01	< 10	< 10	12	< 10	16	< 1	16
6552	205	294	< 1	< 0.01	2	160	< 2	< 2	< 1	62	< 0.01	< 10	< 10	7	< 10	14	< 1	13
6553	205	294	< 1	< 0.01	1	180	< 2	< 2	< 1	94	< 0.01	< 10	< 10	13	< 10	14	< 1	12
6554	205	294	< 1	< 0.01	1	150	< 2	< 2	< 1	118	< 0.01	< 10	< 10	9	< 10	14	< 1	13
6555	205	294	< 1	< 0.01	< 1	30	2	< 2	< 1	111	< 0.01	< 10	< 10	7	< 10	14	< 1	13
6556	205	294	< 1	< 0.01	< 1	60	< 2	< 2	< 1	126	< 0.01	< 10	< 10	7	< 10	18	< 1	17
6557	205	294	< 1	< 0.01	1	120	2	< 2	< 1	130	< 0.01	< 10	< 10	6	< 10	20	< 1	21
6558	205	294	< 1	< 0.01	2	60	< 2	< 2	< 1	144	< 0.01	< 10	< 10	8	< 10	22	< 1	23
6559	205	294	< 1	< 0.01	1	190	2	< 2	< 1	84	< 0.01	< 10	< 10	12	< 10	12	< 1	13
6560	205	294	< 1	< 0.01	2	220	< 2	< 2	< 1	45	< 0.01	< 10	< 10	25	< 10	12	< 1	14
6561	205	294	< 1	< 0.01	2	260	< 2	< 2	< 1	68	< 0.01	< 10	< 10	15	< 10	8	< 1	10
6562	205	294	< 1	< 0.01	5	470	< 2	< 2	< 1	24	< 0.01	< 10	< 10	19	< 10	10	< 1	11
6563	205	294	< 1	0.01	1	290	< 2	< 2	< 1	55	< 0.01	< 10	< 10	16	< 10	12	< 1	13
6564	205	294	< 1	0.02	2	680	< 2	< 2	< 1	43	< 0.01	< 10	< 10	21	< 10	14	< 1	15
6565	205	294	< 1	< 0.01	7	520	< 2	< 2	< 1	53	< 0.01	< 10	< 10	26	< 10	18	< 1	19
6566	205	294	< 1	< 0.01	2	470	< 2	< 2	< 1	115	< 0.01	< 10	< 10	15	< 10	18	< 1	20
6567	205	294	< 1	< 0.01	4	300	< 2	< 2	< 1	97	< 0.01	< 10	< 10	18	< 10	22	< 1	24
6568	205	294	< 1	< 0.01	6	330	< 2	< 2	1	97	0.01	< 10	< 10	23	< 10	28	< 1	30
6569	205	294	< 1	< 0.01	9	220	< 2	< 2	< 1	79	0.01	< 10	< 10	15	< 10	28	< 1	29
6570	205	294	< 1	< 0.01	11	390	< 2	< 2	1	64	0.02	< 10	< 10	30	< 10	56	< 1	62
6571	205	294	< 1	< 0.01	4	150	< 2	< 2	1	179	0.01	< 10	< 10	24	< 10	28	< 1	30
6572	205	294	< 1	< 0.01	11	310	2	< 2	1	98	0.01	< 10	< 10	46	< 10	36	< 1	41
6573	205	294	< 1	< 0.01	9	340	< 2	< 2	1	87	0.01	< 10	< 10	50	< 10	34	< 1	36
6574	205	294	< 1	< 0.01	8	250	< 2	< 2	1	70	0.01	< 10	< 10	33	< 10	24	< 1	26
6575	205	294	< 1	< 0.01	7	280	< 2	< 2	1	50	0.01	< 10	< 10	47	< 10	14	< 1	16
6576	205	294	< 1	< 0.01	6	260	< 2	< 2	1	147	0.01	< 10	< 10	53	< 10	18	< 1	20

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA, INC.
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Project : KAN-431
Comments: ATN: M. ROSATELLI

Certificate Date: 15-SEP-95
Invoice No. :19527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6577	205	294	< 5	< 0.2	0.78	18	< 10	< 0.5	< 2	4.27	< 0.5	7	98	14	10.35	< 10	10	0.01	< 10	3.31	6670
6578	205	294	< 5	< 0.2	3.31	26	40	< 0.5	< 2	4.25	< 0.5	28	121	50	8.62	< 10	20	0.21	< 10	3.54	2410
6579	205	294	< 5	< 0.2	3.05	26	30	< 0.5	< 2	5.00	< 0.5	24	136	52	8.79	10	< 10	0.20	< 10	3.95	3220
6580	205	294	75	< 0.2	0.43	26	< 10	< 0.5	< 2	4.25	< 0.5	7	197	25	5.27	< 10	10	0.07	< 10	2.18	3240
6581	205	294	5	< 0.2	3.09	18	< 10	< 0.5	< 2	4.24	< 0.5	19	182	26	8.48	10	10	0.04	< 10	3.50	2740
6582	205	294	30	< 0.2	0.61	6	< 10	< 0.5	< 2	5.78	< 0.5	4	155	28	5.41	< 10	10	0.01	< 10	2.54	3700
6583	205	294	5	< 0.2	3.17	18	30	< 0.5	< 2	3.72	< 0.5	21	164	7	7.06	< 10	< 10	0.11	< 10	3.23	2080
6584	205	294	< 5	< 0.2	4.41	22	< 10	< 0.5	< 2	5.95	< 0.5	32	152	27	6.52	10	10	0.01	< 10	3.86	1100
6585	205	294	< 5	0.2	4.45	20	< 10	< 0.5	< 2	5.45	< 0.5	35	157	83	6.61	10	< 10	0.01	< 10	3.78	960
6586	205	294	30	< 0.2	3.40	18	20	< 0.5	< 2	4.96	< 0.5	26	135	38	7.48	< 10	10	0.13	< 10	3.27	2100
6587	205	294	130	< 0.2	0.59	6	10	< 0.5	< 2	3.75	< 0.5	6	120	22	10.05	< 10	10	0.14	< 10	2.70	5940
6588	205	294	< 5	< 0.2	0.90	2	20	< 0.5	< 2	4.39	< 0.5	7	56	24	12.40	< 10	10	0.30	< 10	3.09	7910
6589	205	294	< 5	< 0.2	4.80	8	20	< 0.5	< 2	4.84	< 0.5	28	133	11	7.93	10	10	0.07	< 10	3.51	1725
6590	205	294	< 5	< 0.2	1.15	4	20	< 0.5	< 2	4.88	< 0.5	9	92	26	8.04	< 10	10	0.13	< 10	2.85	4960
6591	205	294	< 5	< 0.2	0.57	4	10	< 0.5	< 2	6.92	< 0.5	5	41	10	9.70	< 10	20	0.12	< 10	3.92	6130
6592	205	294	< 5	< 0.2	0.40	2	< 10	< 0.5	< 2	5.83	< 0.5	5	47	5	11.35	< 10	< 10	0.10	< 10	3.89	5860
6593	205	294	< 5	< 0.2	0.52	< 2	< 10	< 0.5	< 2	4.89	< 0.5	6	48	7	12.65	< 10	10	0.08	< 10	3.77	7220
6594	205	294	< 5	< 0.2	0.57	< 2	< 10	< 0.5	< 2	2.76	< 0.5	6	92	11	12.90	< 10	< 10	0.07	< 10	2.92	>10000
6595	205	294	< 5	< 0.2	0.37	4	< 10	< 0.5	< 2	7.68	< 0.5	3	56	12	12.50	< 10	10	0.01	< 10	4.85	6200
6596	205	294	< 5	< 0.2	0.47	< 2	< 10	< 0.5	< 2	6.17	< 0.5	3	73	3	12.05	< 10	< 10	< 0.01	< 10	4.54	4680
6597	205	294	< 5	< 0.2	0.54	8	< 10	< 0.5	< 2	7.00	< 0.5	4	79	6	10.90	< 10	10	< 0.01	< 10	4.40	3760
6598	205	294	< 5	< 0.2	1.16	< 2	< 10	< 0.5	< 2	4.46	< 0.5	7	49	14	>15.00	< 10	< 10	< 0.01	< 10	4.62	6510
6599	205	294	< 5	< 0.2	0.87	14	< 10	< 0.5	< 2	3.85	< 0.5	5	66	5	13.60	< 10	< 10	0.03	< 10	4.11	3770
6800	205	294	95	< 0.2	0.17	2	< 10	< 0.5	< 2	8.01	< 0.5	2	34	3	11.10	< 10	20	0.03	< 10	4.52	4100
6801	205	294	405	< 0.2	0.25	< 2	< 10	< 0.5	< 2	7.85	< 0.5	2	26	3	11.50	< 10	< 10	0.03	< 10	4.57	4100
6802	205	294	550	< 0.2	0.16	< 2	< 10	< 0.5	< 2	6.71	< 0.5	2	41	5	11.20	< 10	< 10	0.01	< 10	4.02	4160
6809	205	294	10	< 0.2	0.21	14	< 10	< 0.5	< 2	3.27	< 0.5	3	79	4	12.40	< 10	< 10	0.06	< 10	2.59	4950
6810	205	294	10	< 0.2	0.13	12	< 10	< 0.5	< 2	2.25	< 0.5	2	168	5	11.75	< 10	< 10	0.04	< 10	2.06	4290
6811	205	294	< 5	< 0.2	0.20	2	< 10	< 0.5	< 2	5.38	< 0.5	3	74	1	14.45	< 10	< 10	0.04	< 10	3.61	5450
6812	205	294	< 5	< 0.2	0.21	6	< 10	< 0.5	< 2	5.66	< 0.5	3	35	3	14.15	< 10	< 10	0.05	< 10	3.64	5170
6813	205	294	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	4.30	< 0.5	2	53	1	12.80	< 10	20	0.02	< 10	2.91	6200
6814	205	294	175	< 0.2	0.32	< 2	10	< 0.5	< 2	7.23	< 0.5	3	33	11	12.80	< 10	180	0.10	< 10	4.47	5700
6815	205	294	< 5	< 0.2	0.18	18	< 10	< 0.5	< 2	9.17	< 0.5	3	49	< 1	10.30	< 10	40	0.04	< 10	5.24	3410
6816	205	294	200	< 0.2	0.26	6	< 10	< 0.5	< 2	8.09	< 0.5	2	72	2	9.85	< 10	30	0.06	< 10	4.96	3900
6817	205	294	5	< 0.2	0.56	2	< 10	< 0.5	< 2	6.90	< 0.5	2	72	6	12.45	< 10	< 10	0.02	< 10	4.85	4380
6818	205	294	< 5	< 0.2	0.22	2	< 10	< 0.5	< 2	5.73	< 0.5	2	79	11	9.49	< 10	20	0.04	< 10	3.43	4150
6819	205	294	10	< 0.2	0.31	< 2	< 10	< 0.5	< 2	7.05	< 0.5	3	58	9	10.95	< 10	10	0.01	< 10	4.16	5170
6820	205	294	1840	0.2	0.28	4	10	< 0.5	< 2	6.86	< 0.5	7	45	33	11.65	< 10	20	0.08	< 10	3.90	5080
6821	205	294	< 5	< 0.2	1.08	8	< 10	< 0.5	< 2	2.19	< 0.5	8	54	29	>15.00	< 10	< 10	0.06	< 10	4.09	6330
6822	205	294	< 5	< 0.2	0.66	8	< 10	< 0.5	< 2	4.39	< 0.5	7	35	19	>15.00	< 10	20	0.04	< 10	4.69	7210

CERTIFICATION:

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Project : KAN-431
Comments: ATN: M. ROSATELLI

Page Number :3-B
Total Pages :4
Certificate Date: 15-SEP-95
Invoice No. :I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6577	205	294	< 1	< 0.01	10	400	< 2	< 2	2	57	0.01	< 10	< 10	55	< 10	16	< 1	15
6578	205	294	< 1	0.01	49	490	< 2	< 2	13	81	0.03	< 10	< 10	121	< 10	56	< 1	63
6579	205	294	< 1	0.01	46	510	< 2	< 2	15	90	0.04	< 10	< 10	133	< 10	52	< 1	58
6580	205	294	< 1	0.02	12	320	< 2	< 2	1	64	0.01	< 10	< 10	18	< 10	12	< 1	12
6581	205	294	< 1	< 0.01	39	850	< 2	< 2	18	84	0.03	< 10	< 10	145	< 10	42	< 1	48
6582	205	294	< 1	< 0.01	10	300	< 2	< 2	3	103	< 0.01	< 10	< 10	34	< 10	12	< 1	14
6583	205	294	< 1	0.01	44	390	< 2	< 2	12	68	0.03	< 10	< 10	128	< 10	42	< 1	46
6584	205	294	< 1	0.01	59	290	< 2	< 2	35	97	0.04	< 10	< 10	274	< 10	52	< 1	57
6585	205	294	< 1	0.02	61	280	2	< 2	40	88	0.04	< 10	< 10	299	< 10	52	< 1	57
6586	205	294	< 1	0.01	50	330	2	< 2	21	74	0.03	< 10	< 10	183	< 10	46	< 1	48
6587	205	294	< 1	0.02	10	470	< 2	< 2	1	44	< 0.01	< 10	< 10	42	< 10	12	< 1	14
6588	205	294	< 1	0.10	11	330	< 2	< 2	3	47	0.01	< 10	< 10	61	< 10	14	< 1	16
6589	205	294	< 1	0.01	57	700	2	< 2	24	51	0.02	< 10	< 10	219	< 10	52	< 1	57
6590	205	294	< 1	0.03	16	310	< 2	< 2	3	35	0.01	< 10	< 10	68	< 10	18	< 1	19
6591	205	294	< 1	< 0.01	7	270	< 2	< 2	2	29	0.02	< 10	< 10	45	< 10	10	< 1	11
6592	205	294	< 1	< 0.01	6	260	< 2	< 2	1	26	0.01	< 10	< 10	32	< 10	8	< 1	11
6593	205	294	< 1	< 0.01	9	320	< 2	< 2	1	23	0.01	< 10	< 10	43	< 10	14	< 1	14
6594	205	294	< 1	< 0.01	6	420	< 2	< 2	2	24	0.02	< 10	< 10	51	< 10	34	< 1	42
6595	205	294	< 1	< 0.01	4	520	< 2	< 2	1	104	< 0.01	< 10	< 10	26	< 10	40	< 1	47
6596	205	294	< 1	< 0.01	2	430	< 2	< 2	1	73	< 0.01	< 10	< 10	30	< 10	34	< 1	40
6597	205	294	< 1	< 0.01	3	300	< 2	< 2	1	103	< 0.01	< 10	< 10	30	< 10	36	< 1	39
6598	205	294	< 1	< 0.01	7	460	< 2	< 2	3	39	0.01	< 10	< 10	70	< 10	58	< 1	64
6599	205	294	< 1	< 0.01	7	410	2	< 2	2	36	0.01	< 10	< 10	49	< 10	38	< 1	42
6800	205	294	< 1	< 0.01	2	260	2	< 2	< 1	115	< 0.01	< 10	< 10	13	< 10	14	< 1	15
6801	205	294	< 1	< 0.01	3	140	< 2	< 2	< 1	106	< 0.01	< 10	< 10	20	< 10	14	< 1	14
6802	205	294	< 1	< 0.01	2	190	< 2	< 2	< 1	64	< 0.01	< 10	< 10	13	< 10	10	< 1	12
6809	205	294	< 1	< 0.01	3	500	< 2	< 2	< 1	18	< 0.01	< 10	< 10	14	< 10	12	< 1	13
6810	205	294	< 1	< 0.01	3	560	< 2	< 2	< 1	12	< 0.01	< 10	< 10	12	< 10	8	< 1	10
6811	205	294	< 1	< 0.01	2	320	< 2	< 2	< 1	28	< 0.01	< 10	< 10	19	< 10	12	< 1	11
6812	205	294	< 1	< 0.01	2	400	< 2	< 2	< 1	32	< 0.01	< 10	< 10	19	< 10	10	< 1	11
6813	205	294	< 1	< 0.01	1	300	< 2	< 2	< 1	30	< 0.01	< 10	< 10	12	< 10	8	< 1	10
6814	205	294	< 1	0.03	3	660	< 2	< 2	< 1	142	< 0.01	< 10	< 10	20	< 10	16	< 1	17
6815	205	294	< 1	0.02	3	450	< 2	< 2	< 1	129	< 0.01	< 10	< 10	15	< 10	14	< 1	15
6816	205	294	< 1	0.02	2	360	< 2	< 2	< 1	128	< 0.01	< 10	< 10	17	< 10	16	< 1	17
6817	205	294	< 1	0.01	2	340	< 2	< 2	< 1	128	< 0.01	< 10	< 10	30	< 10	20	< 1	21
6818	205	294	< 1	0.01	3	240	< 2	< 2	< 1	101	< 0.01	< 10	< 10	15	< 10	12	< 1	14
6819	205	294	< 1	< 0.01	3	360	< 2	< 2	< 1	78	< 0.01	< 10	< 10	18	< 10	14	< 1	14
6820	205	294	< 1	0.02	5	380	< 2	< 2	< 1	95	< 0.01	< 10	< 10	19	< 10	16	< 1	17
6821	205	294	< 1	< 0.01	9	420	< 2	< 2	3	31	0.01	< 10	< 10	61	< 10	20	< 1	21
6822	205	294	< 1	< 0.01	6	410	< 2	< 2	2	44	0.01	< 10	< 10	43	< 10	16	< 1	17

CERTIFICATION:

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Project : KAN-431
Comments: ATN: M. ROSATELLI

Certificate Date: 15-SEP-95
Invoice No. :I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6823	205	294	< 5	< 0.2	0.51	16	< 10	< 0.5	< 2	5.43	< 0.5	5	54	10	13.55	< 10	10	0.07	< 10	4.79	5380
6824	205	294	< 5	< 0.2	0.29	32	< 10	< 0.5	< 2	7.70	< 0.5	4	39	12	12.15	< 10	10	0.04	< 10	5.54	4190
7126	205	294	< 5	< 0.2	0.25	2	< 10	< 0.5	< 2	1.90	< 0.5	3	71	4	>15.00	< 10	10	0.01	< 10	4.41	4320
7127	205	294	< 5	< 0.2	0.56	2	< 10	< 0.5	< 2	4.71	< 0.5	6	57	15	>15.00	10	10	0.04	< 10	4.81	3250
7128	205	294	< 5	< 0.2	0.25	2	10	< 0.5	< 2	5.68	< 0.5	3	73	9	14.60	< 10	10	0.03	< 10	4.73	4480
7129	205	294	450	< 0.2	0.26	4	10	< 0.5	< 2	5.55	< 0.5	2	62	4	>15.00	< 10	< 10	0.02	< 10	4.38	6860
7130	205	294	65	< 0.2	0.34	6	10	< 0.5	< 2	5.42	< 0.5	3	52	12	14.70	< 10	20	0.03	< 10	4.58	4790
7131	205	294	200	< 0.2	0.28	4	10	< 0.5	< 2	4.27	< 0.5	4	46	8	>15.00	< 10	10	0.06	< 10	4.68	4200
7132	205	294	5	< 0.2	0.22	20	< 10	< 0.5	< 2	7.90	< 0.5	2	33	8	13.60	< 10	10	0.03	< 10	5.36	4020
7133	205	294	< 5	< 0.2	0.24	2	10	< 0.5	< 2	5.36	< 0.5	2	37	5	14.60	< 10	160	0.04	< 10	4.65	3120
7134	205	294	450	< 0.2	0.13	2	< 10	< 0.5	< 2	4.55	< 0.5	4	37	9	>15.00	< 10	30	< 0.01	< 10	4.14	6670
7135	205	294	30	< 0.2	0.07	8	< 10	< 0.5	2	8.29	< 0.5	3	19	8	12.85	< 10	10	< 0.01	< 10	4.81	4490
7136	205	294	< 5	< 0.2	0.02	< 2	< 10	< 0.5	< 2	3.20	< 0.5	2	56	9	13.90	< 10	< 10	< 0.01	< 10	2.82	4540
7137	205	294	290	< 0.2	< 0.01	8	< 10	< 0.5	< 2	1.38	< 0.5	2	56	3	14.75	< 10	10	< 0.01	< 10	2.00	4330
7138	205	294	60	< 0.2	0.01	8	< 10	< 0.5	< 2	1.76	< 0.5	2	67	2	14.65	< 10	< 10	< 0.01	< 10	2.31	4780
7139	205	294	15	< 0.2	0.07	4	< 10	< 0.5	< 2	6.23	< 0.5	2	53	8	12.70	< 10	10	< 0.01	< 10	4.04	4830
7140	205	294	< 5	< 0.2	0.01	< 2	< 10	< 0.5	< 2	3.62	< 0.5	2	42	19	>15.00	< 10	< 10	< 0.01	< 10	3.67	8160
7141	205	294	10	0.4	0.01	< 2	< 10	< 0.5	< 2	2.79	< 0.5	3	50	50	>15.00	< 10	10	< 0.01	< 10	2.73	7570
7142	205	294	5	< 0.2	0.01	4	< 10	< 0.5	< 2	3.87	< 0.5	2	75	29	>15.00	< 10	< 10	< 0.01	< 10	3.06	6810
7143	205	294	< 5	< 0.2	0.07	2	< 10	< 0.5	< 2	3.77	< 0.5	4	70	51	14.25	< 10	< 10	< 0.01	< 10	3.49	8670
7144	205	294	10	< 0.2	0.01	2	< 10	< 0.5	< 2	1.08	< 0.5	6	61	23	>15.00	< 10	< 10	< 0.01	< 10	2.31	7950

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN: M. ROSATELLI

Certificate Date: 15-SEP-95
Invoice No. :I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6823	205	294	< 1	< 0.01	4	470	2	< 2	1	55	0.01	< 10	< 10	33	< 10	14	< 1	15
6824	205	294	< 1	0.01	3	330	< 2	< 2	< 1	78	< 0.01	< 10	< 10	22	< 10	16	< 1	15
7126	205	294	< 1	< 0.01	6	350	< 2	< 2	< 1	16	< 0.01	< 10	< 10	21	< 10	24	< 1	27
7127	205	294	< 1	< 0.01	6	330	2	< 2	< 1	42	< 0.01	< 10	< 10	38	< 10	26	< 1	28
7128	205	294	< 1	< 0.01	3	340	< 2	< 2	< 1	48	< 0.01	< 10	< 10	19	< 10	22	< 1	22
7129	205	294	< 1	< 0.01	2	400	< 2	< 2	< 1	52	< 0.01	< 10	< 10	22	< 10	26	< 1	29
7130	205	294	< 1	< 0.01	2	460	< 2	< 2	< 1	58	< 0.01	< 10	< 10	20	< 10	30	< 1	31
7131	205	294	< 1	< 0.01	3	210	< 2	< 2	< 1	49	< 0.01	< 10	< 10	23	< 10	30	< 1	36
7132	205	294	< 1	0.01	2	300	4	< 2	< 1	69	< 0.01	< 10	< 10	18	< 10	24	< 1	26
7133	205	294	< 1	< 0.01	2	380	< 2	< 2	< 1	49	< 0.01	< 10	< 10	23	< 10	24	< 1	28
7134	205	294	< 1	< 0.01	1	240	2	< 2	< 1	39	< 0.01	< 10	< 10	12	< 10	28	< 1	31
7135	205	294	< 1	< 0.01	2	150	2	< 2	< 1	64	< 0.01	< 10	< 10	9	< 10	26	< 1	32
7136	205	294	< 1	< 0.01	1	140	< 2	< 2	< 1	24	< 0.01	< 10	< 10	6	< 10	24	< 1	26
7137	205	294	< 1	< 0.01	< 1	60	< 2	< 2	< 1	7	< 0.01	< 10	< 10	4	< 10	24	< 1	28
7138	205	294	< 1	< 0.01	< 1	100	< 2	< 2	< 1	12	< 0.01	< 10	< 10	6	< 10	16	< 1	19
7139	205	294	< 1	< 0.01	1	170	< 2	< 2	< 1	49	< 0.01	< 10	< 10	9	< 10	28	< 1	31
7140	205	294	1	< 0.01	1	230	< 2	< 2	< 1	20	< 0.01	< 10	< 10	8	< 10	46	< 1	52
7141	205	294	2	< 0.01	7	150	< 2	< 2	< 1	15	< 0.01	< 10	< 10	6	< 10	40	< 1	46
7142	205	294	2	< 0.01	3	150	< 2	< 2	< 1	23	< 0.01	< 10	< 10	7	< 10	38	< 1	45
7143	205	294	< 1	< 0.01	10	180	< 2	< 2	< 1	36	< 0.01	< 10	< 10	9	< 10	42	< 1	50
7144	205	294	< 1	< 0.01	2	70	< 2	< 2	< 1	5	< 0.01	< 10	< 10	6	< 10	46	< 1	52

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
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Project : KAN-431
Comments: ATN: M. ROSATELLI

Page Number :1-A
Total Pages :4
Certificate Date: 15-SEP-95
Invoice No. :I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6119	205	294	50	2.2	0.89	150	20	0.5	2	1.87	18.5	25	62	267	12.60	< 10	725	0.28	< 10	1.05	995
6120	205	294	50	2.6	0.93	216	30	0.5	2	1.15	21.5	29	84	160	12.80	< 10	1120	0.32	< 10	0.64	595
6122	205	294	40	2.2	0.80	78	10	< 0.5	2	1.80	13.5	21	84	338	12.90	< 10	550	0.20	< 10	1.11	1685
6123	205	294	35	2.0	0.38	28	10	< 0.5	4	4.10	8.5	11	74	342	13.75	< 10	350	0.13	< 10	1.91	3510
6125	205	294	45	2.4	0.56	36	10	< 0.5	< 2	2.81	14.5	15	59	307	12.90	< 10	570	0.22	< 10	1.35	1760
6128	205	294	45	2.4	0.55	60	10	< 0.5	< 2	2.03	13.5	26	58	410	13.60	< 10	570	0.23	< 10	1.04	1410
6129	205	294	5	1.0	0.94	34	20	< 0.5	2	1.09	6.0	15	68	340	11.60	< 10	280	0.25	< 10	0.76	615
6131	205	294	30	1.6	0.80	136	20	0.5	< 2	0.80	5.0	18	71	103	11.40	< 10	710	0.28	10	0.57	305
6132	205	294	15	1.2	0.85	66	10	< 0.5	< 2	2.13	6.0	20	52	189	12.45	< 10	410	0.24	< 10	1.18	655
6134	205	294	< 5	0.8	2.37	18	< 10	< 0.5	2	2.36	< 0.5	17	78	193	13.90	< 10	20	0.04	< 10	2.51	1940
6137	205	294	35	2.0	0.78	42	10	< 0.5	< 2	0.64	10.0	33	48	314	>15.00	< 10	390	0.23	< 10	0.45	260
6138	205	294	20	1.2	0.80	74	10	< 0.5	4	1.60	4.0	22	46	101	11.75	< 10	420	0.27	< 10	0.87	440
6140	205	294	10	1.4	0.85	40	10	< 0.5	4	1.05	1.5	21	45	102	9.56	< 10	250	0.25	< 10	0.69	270
6141	205	294	15	1.2	0.80	36	10	< 0.5	2	0.69	2.0	23	44	99	9.18	< 10	210	0.26	< 10	0.51	195
6143	205	294	15	1.4	0.85	42	10	< 0.5	2	0.75	1.5	29	41	83	9.54	< 10	230	0.26	< 10	0.57	190
6144	205	294	15	1.4	1.04	34	10	< 0.5	4	1.04	1.0	25	41	127	11.30	< 10	190	0.27	< 10	0.77	240
6146	205	294	20	1.4	0.82	42	20	< 0.5	< 2	0.23	1.5	26	52	63	8.45	< 10	260	0.29	< 10	0.27	65
6147	205	294	10	1.2	0.93	32	10	< 0.5	< 2	0.65	1.0	22	42	93	9.71	< 10	210	0.26	< 10	0.53	160
6149	205	294	25	0.8	0.71	12	10	< 0.5	2	0.81	1.0	18	79	75	7.91	< 10	70	0.24	< 10	0.51	235
6162	205	294	< 5	0.8	0.71	122	10	< 0.5	< 2	2.25	4.5	18	69	110	12.05	< 10	410	0.18	< 10	1.10	435
6164	205	294	45	1.2	0.66	154	10	< 0.5	< 2	1.97	5.0	15	59	119	12.20	< 10	490	0.17	< 10	1.00	330
6165	205	294	60	1.8	0.69	202	10	< 0.5	2	0.31	7.0	20	64	178	>15.00	< 10	740	0.17	< 10	0.24	85
6167	205	294	15	1.0	0.78	106	10	< 0.5	4	2.59	3.5	16	57	106	10.15	< 10	400	0.21	< 10	1.33	395
6168	205	294	15	1.2	0.78	80	10	< 0.5	< 2	0.65	3.0	21	55	126	10.65	< 10	310	0.22	< 10	0.44	115
6170	205	294	5	0.6	0.85	52	10	< 0.5	2	1.52	1.0	17	45	124	10.10	< 10	190	0.21	< 10	0.91	195
6171	205	294	< 5	0.4	0.89	42	10	< 0.5	< 2	1.99	2.0	17	47	143	10.30	< 10	200	0.21	< 10	1.16	245
6173	205	294	30	0.8	0.56	114	10	< 0.5	4	3.57	3.0	15	52	83	11.25	< 10	380	0.17	< 10	1.72	280
6174	205	294	15	0.6	0.55	90	10	< 0.5	4	2.93	3.0	15	41	128	10.95	< 10	320	0.16	< 10	1.37	270
6176	205	294	< 5	0.8	0.60	44	10	< 0.5	< 2	0.48	6.0	22	82	341	11.30	< 10	260	0.21	< 10	0.31	85
6177	205	294	< 5	0.8	0.66	48	10	< 0.5	2	1.01	1.5	21	61	224	9.73	< 10	170	0.23	< 10	0.60	220
6179	205	294	40	1.4	0.65	246	10	< 0.5	2	1.22	7.5	20	71	87	13.10	< 10	1030	0.27	< 10	0.59	170
6180	205	294	40	1.2	0.61	248	10	< 0.5	2	2.20	6.0	16	63	109	12.95	< 10	940	0.25	< 10	1.04	295
6182	205	294	30	1.0	0.57	146	10	< 0.5	2	1.63	4.5	17	50	105	12.15	< 10	470	0.21	< 10	0.78	150
6216B	205	294	35	1.8	0.50	46	10	< 0.5	4	2.50	10.5	17	63	198	11.40	< 10	420	0.20	< 10	1.35	1715
6409	205	294	20	1.2	0.68	70	< 10	< 0.5	2	1.27	1.0	17	78	186	14.20	< 10	140	0.11	< 10	1.21	1340
6410	205	294	15	1.2	0.84	68	10	< 0.5	4	1.00	1.5	20	61	74	10.55	< 10	270	0.19	< 10	0.63	270
6412	205	294	40	2.4	1.17	180	10	< 0.5	< 2	1.57	9.5	19	83	302	13.80	< 10	990	0.17	< 10	0.82	940
6413	205	294	25	1.8	0.65	224	10	< 0.5	< 2	2.14	5.0	17	82	87	12.75	< 10	860	0.19	< 10	1.04	485
6415	205	294	25	1.4	0.75	174	10	< 0.5	4	1.72	4.5	21	71	114	12.00	< 10	630	0.20	< 10	0.90	435
6416	205	294	20	1.8	1.18	18	20	< 0.5	2	0.98	8.5	8	71	338	8.91	< 10	520	0.24	< 10	0.76	325

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN: M. ROSATELLI

Certificate Date: 15-SEP-95
Invoice No. :I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6119	205	294	141	< 0.01	291	660	68	< 2	< 1	39	0.01	< 10	50	506	< 10	2660	75	3400
6120	205	294	149	< 0.01	398	770	78	< 2	< 1	30	0.01	< 10	30	550	< 10	3080	76	3600
6122	205	294	120	< 0.01	250	1930	52	< 2	< 1	53	< 0.01	< 10	30	426	< 10	1945	53	2450
6123	205	294	101	< 0.01	255	3410	56	4	< 1	112	< 0.01	< 10	20	252	< 10	1185	54	1500
6125	205	294	134	< 0.01	239	2120	56	< 2	< 1	74	< 0.01	< 10	40	301	< 10	2080	60	2600
6128	205	294	127	< 0.01	243	1690	54	4	< 1	55	< 0.01	< 10	30	336	< 10	2100	52	2400
6129	205	294	32	< 0.01	217	620	20	< 2	< 1	28	< 0.01	< 10	61	< 10	< 10	1060	13	1250
6131	205	294	27	< 0.01	137	260	66	4	< 1	21	< 0.01	< 10	< 10	26	< 10	880	72	980
6132	205	294	14	0.01	110	250	30	< 2	< 1	53	< 0.01	< 10	< 10	13	< 10	1080	30	1400
6134	205	294	1	< 0.01	75	2770	22	< 2	1	71	< 0.01	< 10	< 10	95	< 10	128	13	140
6137	205	294	27	< 0.01	172	410	38	< 2	< 1	17	< 0.01	< 10	< 10	26	< 10	1845	32	2400
6138	205	294	18	0.01	103	220	48	< 2	< 1	35	< 0.01	< 10	< 10	18	< 10	754	49	800
6140	205	294	12	0.01	102	200	28	4	< 1	31	< 0.01	< 10	< 10	8	< 10	408	24	420
6141	205	294	11	0.01	101	210	28	< 2	< 1	21	< 0.01	< 10	< 10	7	< 10	410	25	430
6143	205	294	12	0.01	93	220	30	< 2	< 1	21	< 0.01	< 10	< 10	6	< 10	448	25	435
6144	205	294	11	0.01	112	200	28	< 2	1	30	< 0.01	< 10	< 10	7	< 10	358	20	370
6146	205	294	10	0.02	84	190	30	< 2	< 1	9	< 0.01	< 10	< 10	9	< 10	422	26	420
6147	205	294	11	0.01	100	200	26	< 2	< 1	21	< 0.01	< 10	< 10	10	< 10	374	23	375
6149	205	294	16	0.01	67	380	8	< 2	< 1	26	< 0.01	< 10	< 10	11	< 10	250	1	260
6162	205	294	28	< 0.01	124	430	54	< 2	< 1	58	< 0.01	< 10	< 10	33	< 10	912	57	1100
6164	205	294	28	< 0.01	127	170	64	< 2	< 1	45	< 0.01	< 10	< 10	25	< 10	1030	74	1250
6165	205	294	43	< 0.01	160	260	100	< 2	< 1	10	< 0.01	< 10	10	38	< 10	1330	110	1700
6167	205	294	14	< 0.01	118	260	40	< 2	< 1	60	< 0.01	< 10	< 10	12	< 10	684	40	760
6168	205	294	14	0.01	127	260	44	< 2	< 1	20	< 0.01	< 10	< 10	7	< 10	634	44	680
6170	205	294	11	0.01	106	220	28	4	< 1	40	< 0.01	< 10	< 10	9	< 10	350	26	400
6171	205	294	9	0.01	110	270	24	< 2	1	51	< 0.01	< 10	< 10	10	< 10	580	20	620
6173	205	294	26	0.01	116	210	50	< 2	< 1	69	< 0.01	< 10	< 10	19	< 10	894	57	1000
6174	205	294	18	0.01	135	300	40	< 2	< 1	67	< 0.01	< 10	< 10	13	< 10	804	42	920
6176	205	294	12	0.01	149	200	24	< 2	< 1	13	< 0.01	< 10	< 10	3	< 10	1290	18	1500
6177	205	294	10	0.02	122	250	24	< 2	< 1	25	< 0.01	< 10	< 10	7	< 10	368	19	360
6179	205	294	77	< 0.01	204	710	94	< 2	< 1	25	< 0.01	< 10	20	152	< 10	1380	85	1600
6180	205	294	91	< 0.01	217	660	82	< 2	< 1	42	< 0.01	< 10	30	164	< 10	1220	76	1400
6182	205	294	22	< 0.01	142	200	68	< 2	< 1	33	< 0.01	< 10	< 10	18	< 10	1015	73	1250
6216B	205	294	123	< 0.01	193	1680	50	< 2	< 1	59	< 0.01	< 10	20	297	< 10	1630	56	2200
6409	205	294	12	< 0.01	100	220	20	< 2	< 1	29	< 0.01	< 10	< 10	20	< 10	304	18	348
6410	205	294	12	< 0.01	95	250	28	< 2	< 1	25	< 0.01	< 10	< 10	7	< 10	512	24	530
6412	205	294	75	< 0.01	178	1200	78	6	< 1	42	< 0.01	< 10	20	297	< 10	1500	76	1750
6413	205	294	49	< 0.01	148	450	66	2	< 1	45	< 0.01	< 10	< 10	74	< 10	944	74	1200
6415	205	294	22	< 0.01	163	270	50	< 2	< 1	46	< 0.01	< 10	< 10	22	< 10	916	52	1050
6416	205	294	115	< 0.01	219	780	36	< 2	< 1	34	< 0.01	< 10	30	202	< 10	1590	32	1700

CERTIFICATION: _____

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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN: M. ROSATELLI

Certificate Date: 15-SEP-95
Invoice No. : I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6418	205	294	30	2.4	0.96	80	20	< 0.5	< 2	2.01	11.0	17	91	211	10.25	< 10	1030	0.22	< 10	1.04	1080
6419	205	294	25	1.6	1.24	76	20	< 0.5	< 2	2.29	6.5	18	130	172	8.85	< 10	720	0.27	10	1.39	995
6421	205	294	10	0.8	0.53	44	10	< 0.5	< 2	2.73	5.0	10	144	252	12.30	< 10	420	0.12	< 10	2.36	1690
6426	205	294	5	0.2	0.78	130	10	< 0.5	< 2	2.55	2.5	22	101	84	10.45	< 10	670	0.24	< 10	1.26	250
6427	205	294	< 5	0.2	0.66	102	10	< 0.5	< 2	4.29	2.0	21	106	160	10.30	< 10	470	0.24	< 10	1.95	340
6429	205	294	< 5	0.4	1.05	74	10	< 0.5	< 2	0.73	2.0	25	103	113	10.15	< 10	430	0.29	< 10	0.51	85
6430	205	294	< 5	0.4	1.09	88	10	< 0.5	< 2	1.03	1.0	25	109	99	10.80	< 10	360	0.25	< 10	0.70	120
6431B	205	294	< 5	< 0.2	0.14	36	< 10	< 0.5	< 2	5.00	< 0.5	3	99	21	10.35	< 10	10	0.01	< 10	3.61	1835
6454	205	294	< 5	< 0.2	0.34	72	< 10	< 0.5	< 2	1.93	< 0.5	8	99	17	12.55	< 10	10	0.01	< 10	2.40	4530
6455	205	294	< 5	< 0.2	0.61	106	< 10	< 0.5	< 2	3.68	< 0.5	13	156	16	9.38	< 10	30	0.02	< 10	2.82	1520
6462	205	294	< 5	0.8	1.68	14	10	< 0.5	< 2	1.96	< 0.5	17	117	163	>15.00	10	300	0.14	< 10	2.03	3120
6464	205	294	< 5	< 0.2	0.51	14	10	< 0.5	< 2	1.68	< 0.5	4	216	4	10.10	< 10	30	0.06	< 10	1.69	7640
6477	205	294	< 5	< 0.2	0.56	12	20	0.5	< 2	5.28	< 0.5	16	102	104	10.30	< 10	80	0.25	< 10	2.58	1645
6550	205	294	< 5	< 0.2	0.05	< 2	< 10	< 0.5	< 2	2.93	< 0.5	1	113	1	11.50	< 10	< 10	< 0.01	< 10	2.15	2530
6551	205	294	10	< 0.2	0.12	8	< 10	< 0.5	< 2	6.74	< 0.5	2	73	4	12.65	< 10	< 10	< 0.01	< 10	3.99	3390
6552	205	294	60	< 0.2	0.05	< 2	< 10	< 0.5	< 2	6.05	< 0.5	2	90	3	11.00	< 10	< 10	< 0.01	< 10	3.53	3360
6553	205	294	4830	0.2	0.20	< 2	< 10	< 0.5	< 2	8.41	< 0.5	2	43	8	12.85	< 10	70	0.01	< 10	4.71	5020
6554	205	294	2450	< 0.2	0.10	4	< 10	< 0.5	< 2	8.91	< 0.5	2	54	5	11.45	< 10	20	0.01	< 10	4.79	4180
6555	205	294	40	< 0.2	0.08	28	< 10	< 0.5	< 2	9.27	< 0.5	1	63	1	10.75	< 10	10	< 0.01	< 10	5.08	3120
6556	205	294	400	< 0.2	0.09	4	< 10	< 0.5	< 2	9.86	< 0.5	1	66	3	10.90	< 10	10	< 0.01	< 10	5.28	3250
6557	205	294	25	< 0.2	0.06	8	< 10	< 0.5	< 2	9.91	< 0.5	1	17	2	11.25	< 10	10	0.01	< 10	5.46	3140
6558	205	294	125	< 0.2	0.13	6	< 10	< 0.5	< 2	8.90	< 0.5	3	46	5	10.25	< 10	< 10	0.01	< 10	4.87	3250
6559	205	294	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	8.09	< 0.5	2	23	2	12.65	< 10	< 10	0.01	< 10	4.72	4650
6560	205	294	135	0.2	0.33	6	< 10	< 0.5	< 2	5.60	< 0.5	3	20	2	>15.00	< 10	10	0.02	< 10	4.11	4930
6561	205	294	215	< 0.2	0.17	22	< 10	< 0.5	2	7.14	< 0.5	3	26	3	12.75	< 10	< 10	0.02	< 10	4.43	4540
6562	205	294	55	< 0.2	0.25	< 2	< 10	< 0.5	< 2	2.62	< 0.5	3	93	3	>15.00	< 10	< 10	0.02	< 10	2.90	5610
6563	205	294	635	< 0.2	0.21	4	10	< 0.5	< 2	3.07	< 0.5	2	65	6	>15.00	< 10	10	0.06	< 10	3.34	4960
6564	205	294	60	< 0.2	0.26	< 2	10	< 0.5	< 2	3.13	< 0.5	4	86	4	>15.00	< 10	< 10	0.08	< 10	3.13	6730
6565	205	294	1830	0.4	0.38	4	< 10	< 0.5	< 2	2.95	< 0.5	6	97	19	>15.00	< 10	40	0.03	< 10	2.87	6430
6566	205	294	55	< 0.2	0.25	4	< 10	< 0.5	< 2	6.47	< 0.5	2	84	6	13.05	< 10	< 10	0.02	< 10	4.05	6080
6567	205	294	1190	< 0.2	0.29	8	10	< 0.5	< 2	4.77	< 0.5	4	112	8	13.20	< 10	< 10	0.05	< 10	3.48	5950
6568	205	294	70	< 0.2	0.48	8	10	< 0.5	< 2	4.57	< 0.5	4	110	10	11.70	< 10	< 10	0.06	< 10	3.37	5910
6569	205	294	4950	0.4	0.35	< 2	10	< 0.5	< 2	2.49	< 0.5	4	298	32	7.34	< 10	10	0.11	< 10	1.66	3030
6570	205	294	7540	< 0.2	0.63	2	30	< 0.5	< 2	2.00	< 0.5	10	139	88	>15.00	< 10	< 10	0.17	< 10	3.14	8240
6571	205	294	980	< 0.2	0.46	6	10	< 0.5	< 2	5.90	< 0.5	1	183	6	7.40	< 10	20	0.08	< 10	3.08	4360
6572	205	294	6790	< 0.2	0.70	< 2	< 10	< 0.5	< 2	3.28	< 0.5	9	139	34	13.00	< 10	< 10	0.01	< 10	2.79	7720
6573	205	294	2060	< 0.2	0.72	< 2	< 10	< 0.5	< 2	3.70	< 0.5	7	137	45	13.25	< 10	< 10	0.01	< 10	3.28	7850
6574	205	294	8120	1.4	0.43	12	< 10	< 0.5	< 2	3.37	< 0.5	6	153	17	12.25	< 10	90	0.01	< 10	2.93	7360
6575	205	294	235	< 0.2	0.50	32	< 10	< 0.5	< 2	4.59	< 0.5	5	68	4	12.85	< 10	< 10	< 0.01	< 10	3.38	8210
6576	205	294	80	< 0.2	0.69	6	< 10	< 0.5	< 2	9.02	< 0.5	5	72	4	9.75	< 10	10	< 0.01	< 10	4.68	6810

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN: M. ROSATELLI

Page Number :2-B
Total Pages :4
Certificate Date: 15-SEP-95
Invoice No. :I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6418	205	294	99	< 0.01	163	1260	54	< 2	1	48	< 0.01	< 10	30	419	< 10	2110	56	2350
6419	205	294	71	0.01	133	890	48	< 2	2	44	< 0.01	< 10	20	236	< 10	1310	45	1400
6421	205	294	53	< 0.01	123	900	28	< 2	1	50	< 0.01	< 10	10	195	< 10	998	25	1000
6426	205	294	19	0.01	146	140	42	< 2	1	36	< 0.01	< 10	19	< 10	< 10	740	36	750
6427	205	294	16	0.01	114	170	28	< 2	2	56	< 0.01	< 10	< 10	16	< 10	698	22	680
6429	205	294	14	0.01	131	180	32	< 2	1	12	< 0.01	< 10	10	17	< 10	690	27	650
6430	205	294	15	0.01	115	190	18	< 2	1	15	< 0.01	< 10	19	< 10	< 10	458	12	440
6431B	205	294	< 1	< 0.01	13	500	< 2	< 2	1	48	< 0.01	< 10	< 10	14	< 10	16	< 1	16
6454	205	294	< 1	< 0.01	11	240	< 2	< 2	< 1	26	< 0.01	< 10	< 10	23	< 10	26	< 1	27
6455	205	294	3	< 0.01	55	1170	< 2	< 2	2	57	< 0.01	< 10	< 10	27	< 10	32	< 1	33
6462	205	294	7	< 0.01	89	550	8	< 2	3	42	< 0.01	< 10	< 10	51	< 10	186	< 1	175
6464	205	294	< 1	0.04	8	760	< 2	< 2	1	30	0.01	< 10	< 10	42	< 10	18	< 1	17
6477	205	294	23	< 0.01	63	480	12	< 2	2	65	< 0.01	< 10	< 10	29	< 10	54	5	53
6550	205	294	< 1	< 0.01	2	190	< 2	< 2	< 1	16	< 0.01	< 10	< 10	7	< 10	8	< 1	7
6551	205	294	< 1	< 0.01	3	190	< 2	< 2	< 1	53	< 0.01	< 10	< 10	12	< 10	16	< 1	16
6552	205	294	< 1	< 0.01	2	160	< 2	< 2	< 1	62	< 0.01	< 10	< 10	7	< 10	14	< 1	13
6553	205	294	< 1	< 0.01	1	180	< 2	< 2	< 1	94	< 0.01	< 10	< 10	13	< 10	14	< 1	12
6554	205	294	< 1	< 0.01	1	150	< 2	< 2	< 1	118	< 0.01	< 10	< 10	9	< 10	14	< 1	13
6555	205	294	< 1	< 0.01	< 1	30	2	< 2	< 1	111	< 0.01	< 10	< 10	7	< 10	14	< 1	13
6556	205	294	< 1	< 0.01	< 1	60	< 2	< 2	< 1	126	< 0.01	< 10	< 10	7	< 10	18	< 1	17
6557	205	294	< 1	< 0.01	1	120	2	< 2	< 1	130	< 0.01	< 10	< 10	6	< 10	20	< 1	21
6558	205	294	< 1	< 0.01	2	60	< 2	< 2	< 1	144	< 0.01	< 10	< 10	8	< 10	22	< 1	23
6559	205	294	< 1	< 0.01	1	190	2	< 2	< 1	84	< 0.01	< 10	< 10	12	< 10	12	< 1	13
6560	205	294	< 1	< 0.01	2	220	< 2	< 2	< 1	45	< 0.01	< 10	< 10	25	< 10	12	< 1	14
6561	205	294	< 1	< 0.01	2	260	< 2	< 2	< 1	68	< 0.01	< 10	< 10	15	< 10	8	< 1	10
6562	205	294	< 1	< 0.01	5	470	< 2	< 2	< 1	24	< 0.01	< 10	< 10	19	< 10	10	< 1	11
6563	205	294	< 1	0.01	1	290	< 2	< 2	< 1	55	< 0.01	< 10	< 10	16	< 10	12	< 1	13
6564	205	294	< 1	0.02	2	680	< 2	< 2	< 1	43	< 0.01	< 10	< 10	21	< 10	14	< 1	15
6565	205	294	< 1	< 0.01	7	520	< 2	< 2	< 1	53	< 0.01	< 10	< 10	26	< 10	18	< 1	19
6566	205	294	< 1	< 0.01	2	470	< 2	< 2	< 1	115	< 0.01	< 10	< 10	15	< 10	18	< 1	20
6567	205	294	< 1	< 0.01	4	300	< 2	< 2	< 1	97	< 0.01	< 10	< 10	18	< 10	22	< 1	24
6568	205	294	< 1	< 0.01	6	330	< 2	< 2	1	97	0.01	< 10	< 10	23	< 10	28	< 1	30
6569	205	294	< 1	< 0.01	9	220	< 2	< 2	< 1	79	0.01	< 10	< 10	15	< 10	28	< 1	29
6570	205	294	< 1	< 0.01	11	390	< 2	< 2	1	64	0.02	< 10	< 10	30	< 10	56	< 1	62
6571	205	294	< 1	< 0.01	4	150	< 2	< 2	1	179	0.01	< 10	< 10	24	< 10	28	< 1	30
6572	205	294	< 1	< 0.01	11	310	2	< 2	1	98	0.01	< 10	< 10	46	< 10	36	< 1	41
6573	205	294	< 1	< 0.01	9	340	< 2	< 2	1	87	0.01	< 10	< 10	50	< 10	34	< 1	36
6574	205	294	< 1	< 0.01	8	250	< 2	< 2	1	70	0.01	< 10	< 10	33	< 10	24	< 1	26
6575	205	294	< 1	< 0.01	7	280	< 2	< 2	1	50	0.01	< 10	< 10	47	< 10	14	< 1	16
6576	205	294	< 1	< 0.01	6	260	< 2	< 2	1	147	0.01	< 10	< 10	53	< 10	18	< 1	20

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN: M. ROSATELLI

Certificate Date: 15-SEP-95
Invoice No. :I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6577	205	294	< 5	< 0.2	0.78	18	< 10	< 0.5	< 2	4.27	< 0.5	7	98	14	10.35	< 10	10	0.01	< 10	3.31	6670
6578	205	294	< 5	< 0.2	3.31	26	40	< 0.5	< 2	4.25	< 0.5	28	121	50	8.62	< 10	20	0.21	< 10	3.54	2410
6579	205	294	< 5	< 0.2	3.05	26	30	< 0.5	< 2	5.00	< 0.5	24	136	52	8.79	10	< 10	0.20	< 10	3.95	3220
6580	205	294	75	< 0.2	0.43	26	< 10	< 0.5	< 2	4.25	< 0.5	7	197	25	5.27	< 10	10	0.07	< 10	2.18	3240
6581	205	294	5	< 0.2	3.09	18	< 10	< 0.5	< 2	4.24	< 0.5	19	182	26	8.48	10	10	0.04	< 10	3.50	2740
6582	205	294	30	< 0.2	0.61	6	< 10	< 0.5	< 2	5.78	< 0.5	4	155	28	5.41	< 10	10	0.01	< 10	2.54	3700
6583	205	294	5	< 0.2	3.17	18	30	< 0.5	< 2	3.72	< 0.5	21	164	7	7.06	< 10	< 10	0.11	< 10	3.23	2080
6584	205	294	< 5	< 0.2	4.41	22	< 10	< 0.5	< 2	5.95	< 0.5	32	152	27	6.52	10	10	0.01	< 10	3.86	1100
6585	205	294	< 5	0.2	4.45	20	< 10	< 0.5	< 2	5.45	< 0.5	35	157	83	6.61	10	< 10	0.01	< 10	3.78	960
6586	205	294	30	< 0.2	3.40	18	20	< 0.5	< 2	4.96	< 0.5	26	135	38	7.48	< 10	10	0.13	< 10	3.27	2100
6587	205	294	130	< 0.2	0.59	6	10	< 0.5	< 2	3.75	< 0.5	6	120	22	10.05	< 10	10	0.14	< 10	2.70	5940
6588	205	294	< 5	< 0.2	0.90	2	20	< 0.5	< 2	4.39	< 0.5	7	56	24	12.40	< 10	10	0.30	< 10	3.09	7910
6589	205	294	< 5	< 0.2	4.80	8	20	< 0.5	< 2	4.84	< 0.5	28	133	11	7.93	10	10	0.07	< 10	3.51	1725
6590	205	294	< 5	< 0.2	1.15	4	20	< 0.5	< 2	4.88	< 0.5	9	92	26	8.04	< 10	10	0.13	< 10	2.85	4960
6591	205	294	< 5	< 0.2	0.57	4	10	< 0.5	< 2	6.92	< 0.5	5	41	10	9.70	< 10	20	0.12	< 10	3.92	6130
6592	205	294	< 5	< 0.2	0.40	2	< 10	< 0.5	< 2	5.83	< 0.5	5	47	5	11.35	< 10	< 10	0.10	< 10	3.89	5860
6593	205	294	< 5	< 0.2	0.52	< 2	< 10	< 0.5	< 2	4.89	< 0.5	6	48	7	12.65	< 10	10	0.08	< 10	3.77	7220
6594	205	294	< 5	< 0.2	0.57	< 2	< 10	< 0.5	< 2	2.76	< 0.5	6	92	11	12.90	< 10	< 10	0.07	< 10	2.92	>10000
6595	205	294	< 5	< 0.2	0.37	4	< 10	< 0.5	< 2	7.68	< 0.5	3	56	12	12.50	< 10	10	0.01	< 10	4.85	6200
6596	205	294	< 5	< 0.2	0.47	< 2	< 10	< 0.5	< 2	6.17	< 0.5	3	73	3	12.05	< 10	< 10	< 0.01	< 10	4.54	4680
6597	205	294	< 5	< 0.2	0.54	8	< 10	< 0.5	< 2	7.00	< 0.5	4	79	6	10.90	< 10	10	< 0.01	< 10	4.40	3760
6598	205	294	< 5	< 0.2	1.16	< 2	< 10	< 0.5	< 2	4.46	< 0.5	7	49	14	>15.00	< 10	< 10	< 0.01	< 10	4.62	6510
6599	205	294	< 5	< 0.2	0.87	14	< 10	< 0.5	< 2	3.85	< 0.5	5	66	5	13.60	< 10	< 10	0.03	< 10	4.11	3770
6800	205	294	95	< 0.2	0.17	2	< 10	< 0.5	< 2	8.01	< 0.5	2	34	3	11.10	< 10	20	0.03	< 10	4.52	4100
6801	205	294	405	< 0.2	0.25	< 2	< 10	< 0.5	< 2	7.85	< 0.5	2	26	3	11.50	< 10	< 10	0.03	< 10	4.57	4100
6802	205	294	550	< 0.2	0.16	< 2	< 10	< 0.5	< 2	6.71	< 0.5	2	41	5	11.20	< 10	< 10	0.01	< 10	4.02	4160
6809	205	294	10	< 0.2	0.21	14	< 10	< 0.5	< 2	3.27	< 0.5	3	79	4	12.40	< 10	< 10	0.06	< 10	2.59	4950
6810	205	294	10	< 0.2	0.13	12	< 10	< 0.5	< 2	2.25	< 0.5	2	168	5	11.75	< 10	< 10	0.04	< 10	2.06	4290
6811	205	294	< 5	< 0.2	0.20	2	< 10	< 0.5	< 2	5.38	< 0.5	3	74	1	14.45	< 10	< 10	0.04	< 10	3.61	5450
6812	205	294	< 5	< 0.2	0.21	6	< 10	< 0.5	< 2	5.66	< 0.5	3	35	3	14.15	< 10	< 10	0.05	< 10	3.64	5170
6813	205	294	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	4.30	< 0.5	2	53	1	12.80	< 10	20	0.02	< 10	2.91	6200
6814	205	294	175	< 0.2	0.32	< 2	10	< 0.5	< 2	7.23	< 0.5	3	33	11	12.80	< 10	180	0.10	< 10	4.47	5700
6815	205	294	< 5	< 0.2	0.18	18	< 10	< 0.5	< 2	9.17	< 0.5	3	49	< 1	10.30	< 10	40	0.04	< 10	5.24	3410
6816	205	294	200	< 0.2	0.26	6	< 10	< 0.5	< 2	8.09	< 0.5	2	72	2	9.85	< 10	30	0.06	< 10	4.96	3900
6817	205	294	5	< 0.2	0.56	2	< 10	< 0.5	< 2	6.90	< 0.5	2	72	6	12.45	< 10	< 10	0.02	< 10	4.85	4380
6818	205	294	< 5	< 0.2	0.22	2	< 10	< 0.5	< 2	5.73	< 0.5	2	79	11	9.49	< 10	20	0.04	< 10	3.43	4150
6819	205	294	10	< 0.2	0.31	< 2	< 10	< 0.5	< 2	7.05	< 0.5	3	58	9	10.95	< 10	10	0.01	< 10	4.16	5170
6820	205	294	1840	0.2	0.28	4	10	< 0.5	< 2	6.86	< 0.5	7	45	33	11.65	< 10	20	0.08	< 10	3.90	5080
6821	205	294	< 5	< 0.2	1.08	8	< 10	< 0.5	< 2	2.19	< 0.5	8	54	29	>15.00	< 10	< 10	0.06	< 10	4.09	6330
6822	205	294	< 5	< 0.2	0.66	8	< 10	< 0.5	< 2	4.39	< 0.5	7	35	19	>15.00	< 10	20	0.04	< 10	4.69	7210

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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN: M. ROSATELLI

Certificate Date: 15-SEP-95
Invoice No. : I9527052
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6577	205	294	< 1	< 0.01	10	400	< 2	< 2	2	57	0.01	< 10	< 10	55	< 10	16	< 1	15
6578	205	294	< 1	0.01	49	490	< 2	< 2	13	81	0.03	< 10	< 10	121	< 10	56	< 1	63
6579	205	294	< 1	0.01	46	510	< 2	< 2	15	90	0.04	< 10	< 10	133	< 10	52	< 1	58
6580	205	294	< 1	0.02	12	320	< 2	< 2	1	64	0.01	< 10	< 10	18	< 10	12	< 1	12
6581	205	294	< 1	< 0.01	39	850	< 2	< 2	18	84	0.03	< 10	< 10	145	< 10	42	< 1	48
6582	205	294	< 1	< 0.01	10	300	< 2	< 2	3	103	< 0.01	< 10	< 10	34	< 10	12	< 1	14
6583	205	294	< 1	0.01	44	390	< 2	< 2	12	68	0.03	< 10	< 10	128	< 10	42	< 1	46
6584	205	294	< 1	0.01	59	290	< 2	< 2	35	97	0.04	< 10	< 10	274	< 10	52	< 1	57
6585	205	294	< 1	0.02	61	280	2	< 2	40	88	0.04	< 10	< 10	299	< 10	52	< 1	57
6586	205	294	< 1	0.01	50	330	2	< 2	21	74	0.03	< 10	< 10	183	< 10	46	< 1	48
6587	205	294	< 1	0.02	10	470	< 2	< 2	1	44	< 0.01	< 10	< 10	42	< 10	12	< 1	14
6588	205	294	< 1	0.10	11	330	< 2	< 2	3	47	0.01	< 10	< 10	61	< 10	14	< 1	16
6589	205	294	< 1	0.01	57	700	2	< 2	24	51	0.02	< 10	< 10	219	< 10	52	< 1	57
6590	205	294	< 1	0.03	16	310	< 2	< 2	3	35	0.01	< 10	< 10	68	< 10	18	< 1	19
6591	205	294	< 1	< 0.01	7	270	< 2	< 2	2	29	0.02	< 10	< 10	45	< 10	10	< 1	11
6592	205	294	< 1	< 0.01	6	260	< 2	< 2	1	26	0.01	< 10	< 10	32	< 10	8	< 1	11
6593	205	294	< 1	< 0.01	9	320	< 2	< 2	1	23	0.01	< 10	< 10	43	< 10	14	< 1	14
6594	205	294	< 1	< 0.01	6	420	< 2	< 2	2	24	0.02	< 10	< 10	51	< 10	34	< 1	42
6595	205	294	< 1	< 0.01	4	520	< 2	< 2	1	104	< 0.01	< 10	< 10	26	< 10	40	< 1	47
6596	205	294	< 1	< 0.01	2	430	< 2	< 2	1	73	< 0.01	< 10	< 10	30	< 10	34	< 1	40
6597	205	294	< 1	< 0.01	3	300	< 2	< 2	1	103	< 0.01	< 10	< 10	30	< 10	36	< 1	39
6598	205	294	< 1	< 0.01	7	460	< 2	< 2	3	39	0.01	< 10	< 10	70	< 10	58	< 1	64
6599	205	294	< 1	< 0.01	7	410	2	< 2	2	36	0.01	< 10	< 10	49	< 10	38	< 1	42
6800	205	294	< 1	< 0.01	2	260	2	< 2	< 1	115	< 0.01	< 10	< 10	13	< 10	14	< 1	15
6801	205	294	< 1	< 0.01	3	140	< 2	< 2	< 1	106	< 0.01	< 10	< 10	20	< 10	14	< 1	14
6802	205	294	< 1	< 0.01	2	190	< 2	< 2	< 1	64	< 0.01	< 10	< 10	13	< 10	10	< 1	12
6809	205	294	< 1	< 0.01	3	500	< 2	< 2	< 1	18	< 0.01	< 10	< 10	14	< 10	12	< 1	13
6810	205	294	< 1	< 0.01	3	560	< 2	< 2	< 1	12	< 0.01	< 10	< 10	12	< 10	8	< 1	10
6811	205	294	< 1	< 0.01	2	320	< 2	< 2	< 1	28	< 0.01	< 10	< 10	19	< 10	12	< 1	11
6812	205	294	< 1	< 0.01	2	400	< 2	< 2	< 1	32	< 0.01	< 10	< 10	19	< 10	10	< 1	11
6813	205	294	< 1	< 0.01	1	300	< 2	< 2	< 1	30	< 0.01	< 10	< 10	12	< 10	8	< 1	10
6814	205	294	< 1	0.03	3	660	< 2	< 2	< 1	142	< 0.01	< 10	< 10	20	< 10	16	< 1	17
6815	205	294	< 1	0.02	3	450	< 2	< 2	< 1	129	< 0.01	< 10	< 10	15	< 10	14	< 1	15
6816	205	294	< 1	0.02	2	360	< 2	< 2	< 1	128	< 0.01	< 10	< 10	17	< 10	16	< 1	17
6817	205	294	< 1	0.01	2	340	< 2	< 2	< 1	128	< 0.01	< 10	< 10	30	< 10	20	< 1	21
6818	205	294	< 1	0.01	3	240	< 2	< 2	< 1	101	< 0.01	< 10	< 10	15	< 10	12	< 1	14
6819	205	294	< 1	< 0.01	3	360	< 2	< 2	< 1	78	< 0.01	< 10	< 10	18	< 10	14	< 1	14
6820	205	294	< 1	0.02	5	380	< 2	< 2	< 1	95	< 0.01	< 10	< 10	19	< 10	16	< 1	17
6821	205	294	< 1	< 0.01	9	420	< 2	< 2	3	31	0.01	< 10	< 10	61	< 10	20	< 1	21
6822	205	294	< 1	< 0.01	6	410	< 2	< 2	2	44	0.01	< 10	< 10	43	< 10	16	< 1	17

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN: M. ROSATELLI

Certificate Date: 15-SEP-95
Invoice No. :I9527052
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6823	205	294	< 5	< 0.2	0.51	16	< 10	< 0.5	< 2	5.43	< 0.5	5	54	10	13.55	< 10	10	0.07	< 10	4.79	5380
6824	205	294	< 5	< 0.2	0.29	32	< 10	< 0.5	< 2	7.70	< 0.5	4	39	12	12.15	< 10	10	0.04	< 10	5.54	4190
7126	205	294	< 5	< 0.2	0.25	2	< 10	< 0.5	< 2	1.90	< 0.5	3	71	4	>15.00	< 10	10	0.01	< 10	4.41	4320
7127	205	294	< 5	< 0.2	0.56	2	< 10	< 0.5	< 2	4.71	< 0.5	6	57	15	>15.00	10	10	0.04	< 10	4.81	3250
7128	205	294	< 5	< 0.2	0.25	2	10	< 0.5	< 2	5.68	< 0.5	3	73	9	14.60	< 10	10	0.03	< 10	4.73	4480
7129	205	294	450	< 0.2	0.26	4	10	< 0.5	< 2	5.55	< 0.5	2	62	4	>15.00	< 10	< 10	0.02	< 10	4.38	6860
7130	205	294	65	< 0.2	0.34	6	10	< 0.5	< 2	5.42	< 0.5	3	52	12	14.70	< 10	20	0.03	< 10	4.58	4790
7131	205	294	200	< 0.2	0.28	4	10	< 0.5	< 2	4.27	< 0.5	4	46	8	>15.00	< 10	10	0.06	< 10	4.68	4200
7132	205	294	5	< 0.2	0.22	20	< 10	< 0.5	< 2	7.90	< 0.5	2	33	8	13.60	< 10	10	0.03	< 10	5.36	4020
7133	205	294	< 5	< 0.2	0.24	2	10	< 0.5	< 2	5.36	< 0.5	2	37	5	14.60	< 10	160	0.04	< 10	4.65	3120
7134	205	294	450	< 0.2	0.13	2	< 10	< 0.5	< 2	4.55	< 0.5	4	37	9	>15.00	< 10	30	< 0.01	< 10	4.14	6670
7135	205	294	30	< 0.2	0.07	8	< 10	< 0.5	2	8.29	< 0.5	3	19	8	12.85	< 10	10	< 0.01	< 10	4.81	4490
7136	205	294	< 5	< 0.2	0.02	< 2	< 10	< 0.5	< 2	3.20	< 0.5	2	56	9	13.90	< 10	< 10	< 0.01	< 10	2.82	4540
7137	205	294	290	< 0.2	< 0.01	8	< 10	< 0.5	< 2	1.38	< 0.5	2	56	3	14.75	< 10	10	< 0.01	< 10	2.00	4330
7138	205	294	60	< 0.2	0.01	8	< 10	< 0.5	< 2	1.76	< 0.5	2	67	2	14.65	< 10	< 10	< 0.01	< 10	2.31	4780
7139	205	294	15	< 0.2	0.07	4	< 10	< 0.5	< 2	6.23	< 0.5	2	53	8	12.70	< 10	10	< 0.01	< 10	4.04	4830
7140	205	294	< 5	< 0.2	0.01	< 2	< 10	< 0.5	< 2	3.62	< 0.5	2	42	19	>15.00	< 10	< 10	< 0.01	< 10	3.67	8160
7141	205	294	10	0.4	0.01	< 2	< 10	< 0.5	< 2	2.79	< 0.5	3	50	50	>15.00	< 10	10	< 0.01	< 10	2.73	7570
7142	205	294	5	< 0.2	0.01	4	< 10	< 0.5	< 2	3.87	< 0.5	2	75	29	>15.00	< 10	< 10	< 0.01	< 10	3.06	6810
7143	205	294	< 5	< 0.2	0.07	2	< 10	< 0.5	< 2	3.77	< 0.5	4	70	51	14.25	< 10	< 10	< 0.01	< 10	3.49	8670
7144	205	294	10	< 0.2	0.01	2	< 10	< 0.5	< 2	1.08	< 0.5	6	61	23	>15.00	< 10	< 10	< 0.01	< 10	2.31	7950

CERTIFICATION:_____

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CERTIFICATE OF ANALYSIS A9527052

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6823	205	294	< 1	< 0.01	4	470	2	< 2	1	55	0.01	< 10	< 10	33	< 10	14	< 1	15
6824	205	294	< 1	0.01	3	330	< 2	< 2	< 1	78	< 0.01	< 10	< 10	22	< 10	16	< 1	15
7126	205	294	< 1	< 0.01	6	350	< 2	< 2	< 1	16	< 0.01	< 10	< 10	21	< 10	24	< 1	27
7127	205	294	< 1	< 0.01	6	330	2	< 2	< 1	42	< 0.01	< 10	< 10	38	< 10	26	< 1	28
7128	205	294	< 1	< 0.01	3	340	< 2	< 2	< 1	48	< 0.01	< 10	< 10	19	< 10	22	< 1	22
7129	205	294	< 1	< 0.01	2	400	< 2	< 2	< 1	52	< 0.01	< 10	< 10	22	< 10	26	< 1	29
7130	205	294	< 1	< 0.01	2	460	< 2	< 2	< 1	58	< 0.01	< 10	< 10	20	< 10	30	< 1	31
7131	205	294	< 1	< 0.01	3	210	< 2	< 2	< 1	49	< 0.01	< 10	< 10	23	< 10	30	< 1	36
7132	205	294	< 1	0.01	2	300	4	< 2	< 1	69	< 0.01	< 10	< 10	18	< 10	24	< 1	26
7133	205	294	< 1	< 0.01	2	380	< 2	< 2	< 1	49	< 0.01	< 10	< 10	23	< 10	24	< 1	28
7134	205	294	< 1	< 0.01	1	240	2	< 2	< 1	39	< 0.01	< 10	< 10	12	< 10	28	< 1	31
7135	205	294	< 1	< 0.01	2	150	2	< 2	< 1	64	< 0.01	< 10	< 10	9	< 10	26	< 1	32
7136	205	294	< 1	< 0.01	1	140	< 2	< 2	< 1	24	< 0.01	< 10	< 10	6	< 10	24	< 1	26
7137	205	294	< 1	< 0.01	< 1	60	< 2	< 2	< 1	7	< 0.01	< 10	< 10	4	< 10	24	< 1	28
7138	205	294	< 1	< 0.01	< 1	100	< 2	< 2	< 1	12	< 0.01	< 10	< 10	6	< 10	16	< 1	19
7139	205	294	< 1	< 0.01	1	170	< 2	< 2	< 1	49	< 0.01	< 10	< 10	9	< 10	28	< 1	31
7140	205	294	1	< 0.01	1	230	< 2	< 2	< 1	20	< 0.01	< 10	< 10	8	< 10	46	< 1	52
7141	205	294	2	< 0.01	7	150	< 2	< 2	< 1	15	< 0.01	< 10	< 10	6	< 10	40	< 1	46
7142	205	294	2	< 0.01	3	150	< 2	< 2	< 1	23	< 0.01	< 10	< 10	7	< 10	38	< 1	45
7143	205	294	< 1	< 0.01	10	180	< 2	< 2	< 1	36	< 0.01	< 10	< 10	9	< 10	42	< 1	50
7144	205	294	< 1	< 0.01	2	70	< 2	< 2	< 1	5	< 0.01	< 10	< 10	6	< 10	46	< 1	52

CERTIFICATION:_____

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M5J 2S1

A9527869

Comments: ATN; M. ROSATELLI

CERTIFICATE A9527869

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	54	Geochem ring to approx 150 mesh
226	54	0-3 Kg crush and split
3202	54	Rock - save entire reject
229	54	ICP - AQ Digestion charge
238	54	Nitric-aqua-regia digestion
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	54	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	54	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	54	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	54	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	54	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	54	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	54	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	54	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	54	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	54	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	54	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	54	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	54	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	54	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	54	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	54	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	54	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	54	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	54	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	54	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	54	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	54	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	54	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	54	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	54	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	54	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	54	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	54	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	54	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	54	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	54	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	54	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	54	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	54	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	54	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

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Page Number :1-A
Total Pages :2
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CERTIFICATE OF ANALYSIS A9527869

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6183	205	226	25	0.4	0.89	70	20	< 0.5	< 2	1.31	3.5	23	44	110	10.30	< 10	320	0.33	< 10	0.65	155
6206	205	226	10	< 0.2	0.49	20	40	< 0.5	< 2	1.33	1.0	12	66	73	9.87	< 10	60	0.28	10	1.51	3650
6207	205	226	10	0.6	0.40	48	30	< 0.5	< 2	1.28	8.5	16	108	185	11.25	< 10	230	0.23	< 10	1.28	1845
6209	205	226	10	0.4	1.25	440	10	< 0.5	< 2	1.93	0.5	14	103	159	14.35	< 10	20	0.10	< 10	1.87	2360
6261	205	226	15	0.4	0.75	66	20	< 0.5	< 2	0.23	3.5	27	52	119	9.83	< 10	510	0.34	< 10	0.17	55
6262	205	226	20	0.4	0.68	54	20	< 0.5	< 2	1.34	4.5	26	43	137	9.31	< 10	580	0.33	< 10	0.59	260
6264	205	226	20	< 0.2	0.72	98	20	< 0.5	< 2	0.96	3.0	23	84	143	11.60	< 10	610	0.31	< 10	0.46	240
6265	205	226	35	0.6	0.66	114	20	< 0.5	< 2	1.28	2.0	20	78	116	12.55	< 10	510	0.27	10	0.58	245
6267	205	226	30	0.6	0.80	92	20	< 0.5	< 2	0.39	2.5	21	80	160	12.10	< 10	550	0.38	10	0.24	95
6268	205	226	35	0.4	0.72	88	20	< 0.5	< 2	0.51	3.0	21	75	216	13.70	< 10	530	0.31	< 10	0.28	155
6342	205	226	30	2.6	0.63	152	20	< 0.5	< 2	2.46	13.0	12	93	234	13.35	< 10	540	0.28	< 10	1.33	3690
6344	205	226	10	1.2	0.64	30	20	0.5	< 2	0.87	2.5	9	59	233	12.65	< 10	120	0.34	10	0.49	815
6350	205	226	20	1.4	0.65	98	20	0.5	< 2	1.10	6.0	19	64	172	12.20	< 10	460	0.32	10	0.64	685
6351	205	226	60	2.4	0.53	150	20	< 0.5	< 2	3.39	10.0	20	66	167	12.45	< 10	940	0.27	< 10	1.39	1630
6353	205	226	50	2.6	0.57	160	20	< 0.5	< 2	1.32	9.0	16	79	146	12.75	< 10	890	0.27	< 10	0.58	1055
6354	205	226	35	2.4	0.55	108	20	< 0.5	< 2	3.41	10.5	16	100	249	11.55	< 10	520	0.24	< 10	1.43	2810
6356	205	226	25	2.2	0.79	174	20	< 0.5	< 2	1.13	14.0	20	73	102	9.80	< 10	1280	0.37	10	0.58	840
6357	205	226	20	2.6	0.73	136	20	< 0.5	< 2	1.93	9.0	17	95	168	13.00	< 10	810	0.34	< 10	0.82	1335
6359	205	226	10	0.4	0.59	34	30	< 0.5	< 2	1.90	1.0	12	99	100	>15.00	< 10	40	0.31	10	1.73	2280
6360	205	226	15	2.2	0.59	26	20	< 0.5	< 2	0.87	8.0	9	79	286	14.20	< 10	290	0.25	< 10	0.82	1000
6362	205	226	10	0.4	0.68	6	40	< 0.5	< 2	0.92	5.0	26	82	254	8.28	< 10	140	0.33	10	0.87	515
6363	205	226	40	1.4	0.72	64	30	< 0.5	< 2	0.93	14.0	21	101	380	9.54	< 10	490	0.29	10	0.83	660
6365	205	226	20	1.2	0.88	20	20	< 0.5	< 2	2.03	11.0	15	88	202	10.10	< 10	270	0.25	< 10	0.92	490
6366	205	226	15	1.6	0.98	34	20	< 0.5	< 2	1.13	8.0	18	77	243	11.50	< 10	280	0.36	10	0.56	225
6368	205	226	20	1.6	1.10	176	10	< 0.5	< 2	1.22	4.5	20	120	87	13.20	< 10	730	0.37	< 10	0.61	170
6369	205	226	10	0.6	1.21	72	20	< 0.5	< 2	1.16	2.5	21	100	116	9.45	< 10	210	0.42	< 10	0.61	185
6379	205	226	10	0.8	0.79	148	20	< 0.5	< 2	5.78	14.0	14	110	228	8.39	< 10	1260	0.28	< 10	2.68	855
6380	205	226	20	1.0	1.09	270	20	< 0.5	< 2	1.87	12.5	22	143	185	12.50	< 10	1660	0.40	< 10	0.84	315
6382	205	226	25	0.8	0.77	96	10	< 0.5	< 2	4.34	5.5	17	80	170	11.05	< 10	380	0.33	< 10	1.83	355
6383	205	226	25	0.8	0.71	104	10	< 0.5	< 2	6.10	4.0	14	80	178	10.60	< 10	510	0.20	< 10	2.71	460
6385	205	226	15	0.6	0.97	58	20	< 0.5	< 2	0.26	4.0	25	78	64	7.95	< 10	350	0.40	< 10	0.19	50
6386	205	226	15	0.6	0.96	80	20	< 0.5	< 2	1.04	4.0	21	80	90	9.91	< 10	420	0.30	< 10	0.54	165
6439	205	226	< 5	< 0.2	0.82	16	80	0.5	< 2	1.19	< 0.5	6	72	9	>15.00	< 10	30	0.38	< 10	2.57	>10000
6803	205	226	280	0.2	0.14	6	< 10	< 0.5	< 2	5.14	< 0.5	2	130	3	14.10	< 10	< 10	0.01	< 10	3.08	5840
6804	205	226	< 5	0.2	0.24	6	< 10	< 0.5	< 2	10.25	< 0.5	2	50	2	11.00	< 10	10	0.03	< 10	4.68	5220
6805	205	226	< 5	0.4	0.16	10	< 10	< 0.5	< 2	9.86	< 0.5	2	48	< 1	11.70	< 10	< 10	0.02	< 10	4.81	4930
6806	205	226	25	< 0.2	0.21	8	< 10	< 0.5	< 2	7.34	< 0.5	3	55	2	14.50	< 10	< 10	0.01	< 10	4.03	6800
6807	205	226	420	< 0.2	0.21	8	< 10	< 0.5	< 2	6.60	< 0.5	2	66	2	13.40	< 10	< 10	0.01	< 10	3.69	6330
6808	205	226	70	< 0.2	0.24	16	< 10	< 0.5	2	7.12	< 0.5	2	53	8	13.25	< 10	< 10	0.03	< 10	3.62	6110
6825	205	226	5	< 0.2	0.49	12	< 10	< 0.5	< 2	7.24	< 0.5	5	58	14	15.00	< 10	10	0.01	< 10	4.36	8880

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 21-SEP-95
Invoice No. : I9527869
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9527869

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6183	205	226	13	0.01	109	220	44	< 2	1	33	< 0.01	< 10	10	17	< 10	668	46	670
6206	205	226	3	0.01	28	1380	8	< 2	1	63	< 0.01	< 10	< 10	10	< 10	226	4	235
6207	205	226	29	< 0.01	79	1560	14	< 2	1	55	< 0.01	< 10	10	43	< 10	900	12	1000
6209	205	226	2	< 0.01	38	2090	6	< 2	1	62	< 0.01	< 10	< 10	48	< 10	176	2	175
6261	205	226	12	0.01	132	610	36	2	1	8	< 0.01	< 10	20	16	< 10	934	37	850
6262	205	226	10	0.01	138	400	34	< 2	1	31	< 0.01	< 10	20	14	< 10	1160	30	1250
6264	205	226	11	0.01	124	300	34	2	1	26	< 0.01	< 10	10	16	< 10	910	34	900
6265	205	226	13	0.01	101	210	42	4	< 1	35	< 0.01	< 10	10	17	< 10	574	43	540
6267	205	226	12	0.01	126	310	36	2	1	13	< 0.01	< 10	10	16	< 10	722	38	660
6268	205	226	11	0.01	163	370	36	< 2	1	15	< 0.01	< 10	10	19	< 10	696	40	710
6342	205	226	114	< 0.01	159	3490	52	< 2	1	64	< 0.01	< 10	40	379	< 10	1580	60	1850
6344	205	226	33	< 0.01	181	570	28	< 2	1	26	< 0.01	< 10	20	65	< 10	384	24	365
6350	205	226	39	0.01	163	510	40	2	1	28	< 0.01	< 10	20	64	< 10	840	35	800
6351	205	226	106	< 0.01	190	1210	56	4	1	70	< 0.01	< 10	40	292	< 10	1430	63	1700
6353	205	226	94	< 0.01	252	1300	66	4	1	35	< 0.01	< 10	40	161	< 10	1295	77	1600
6354	205	226	113	0.01	290	1910	84	2	1	76	< 0.01	< 10	40	358	< 10	1460	96	1800
6356	205	226	180	0.01	320	1160	74	< 2	1	34	0.01	< 10	90	593	< 10	2240	87	2600
6357	205	226	114	0.01	241	1680	68	2	1	55	< 0.01	< 10	50	318	< 10	1355	70	1500
6359	205	226	4	0.01	31	2160	12	< 2	1	79	< 0.01	< 10	< 10	23	< 10	232	8	230
6360	205	226	67	< 0.01	154	1210	56	< 2	1	36	< 0.01	< 10	30	122	< 10	1010	62	1200
6362	205	226	6	0.01	64	2120	14	< 2	1	47	< 0.01	< 10	10	39	< 10	594	9	610
6363	205	226	76	0.01	181	1820	32	< 2	1	47	< 0.01	< 10	40	208	< 10	1820	36	2150
6365	205	226	37	< 0.01	132	740	24	< 2	1	46	< 0.01	< 10	20	84	< 10	1380	21	1600
6366	205	226	17	0.02	137	220	24	< 2	1	29	< 0.01	< 10	10	29	< 10	1130	22	1250
6368	205	226	35	0.01	131	270	62	2	1	30	< 0.01	< 10	20	54	< 10	788	65	740
6369	205	226	11	0.01	96	180	30	< 2	1	29	< 0.01	< 10	< 10	23	< 10	470	27	480
6379	205	226	78	0.01	211	1130	42	< 2	1	56	< 0.01	< 10	30	344	< 10	1975	40	2200
6380	205	226	77	0.01	267	1380	66	< 2	2	32	< 0.01	< 10	20	383	< 10	1810	70	1950
6382	205	226	16	0.04	122	170	42	< 2	1	46	< 0.01	< 10	10	27	< 10	872	38	770
6383	205	226	27	0.03	105	180	40	< 2	2	49	< 0.01	< 10	10	41	< 10	582	43	560
6385	205	226	11	0.02	84	220	32	< 2	1	10	< 0.01	< 10	< 10	18	< 10	810	33	740
6386	205	226	13	0.02	115	190	40	2	1	19	< 0.01	< 10	10	25	< 10	864	40	840
6439	205	226	1	0.23	10	440	2	< 2	1	32	0.01	< 10	< 10	65	< 10	34	< 1	25
6803	205	226	< 1	< 0.01	2	300	< 2	< 2	< 1	47	< 0.01	< 10	< 10	11	< 10	20	< 1	14
6804	205	226	1	< 0.01	3	220	2	< 2	< 1	78	< 0.01	< 10	< 10	17	< 10	24	< 1	16
6805	205	226	< 1	< 0.01	2	240	2	< 2	< 1	69	< 0.01	< 10	< 10	13	< 10	20	< 1	11
6806	205	226	< 1	< 0.01	3	790	< 2	< 2	< 1	59	< 0.01	< 10	< 10	19	< 10	18	< 1	11
6807	205	226	< 1	< 0.01	3	230	4	< 2	< 1	47	< 0.01	< 10	< 10	19	< 10	18	< 1	13
6808	205	226	2	< 0.01	4	250	2	< 2	< 1	51	< 0.01	< 10	< 10	19	< 10	22	< 1	18
6825	205	226	< 1	< 0.01	5	380	2	< 2	< 1	60	< 0.01	< 10	< 10	30	< 10	26	< 1	16

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 21-SEP-95
Invoice No. : I9527869
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9527869

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6826	205	226	4010	0.2	0.66	8	10	< 0.5	< 2	5.54	< 0.5	7	80	32	>15.00	< 10	50	0.11	< 10	3.60	9620
6827	205	226	< 5	< 0.2	1.11	80	60	< 0.5	< 2	1.94	< 0.5	30	79	87	11.95	< 10	10	0.44	< 10	2.51	4210
6828	205	226	15	< 0.2	4.53	42	230	< 0.5	< 2	2.66	< 0.5	42	134	147	10.15	< 10	10	2.45	< 10	2.84	1190
6829	205	226	< 5	< 0.2	3.32	42	120	< 0.5	< 2	6.90	< 0.5	37	123	184	10.05	< 10	20	1.17	< 10	3.89	2700
6830	205	226	< 5	< 0.2	0.37	6	< 10	< 0.5	< 2	6.85	< 0.5	4	79	14	10.45	< 10	10	0.03	< 10	3.49	5890
6831	205	226	< 5	0.4	0.39	6	< 10	< 0.5	< 2	8.70	< 0.5	3	38	6	11.55	< 10	< 10	0.03	< 10	4.12	8440
6832	205	226	< 5	< 0.2	4.26	10	< 10	< 0.5	< 2	4.37	< 0.5	27	154	26	9.64	< 10	10	0.02	< 10	3.42	3920
6833	205	226	< 5	< 0.2	1.08	12	20	< 0.5	< 2	3.95	< 0.5	8	115	51	9.08	< 10	< 10	0.22	< 10	2.29	4170
6834	205	226	< 5	< 0.2	1.86	12	60	< 0.5	< 2	0.83	< 0.5	13	108	13	9.25	< 10	10	0.51	< 10	1.58	3500
6835	205	226	< 5	< 0.2	0.87	10	20	< 0.5	< 2	1.87	< 0.5	9	134	12	8.06	< 10	< 10	0.19	< 10	1.69	3830
6836	205	226	< 5	< 0.2	0.67	4	< 10	< 0.5	< 2	0.73	< 0.5	5	116	11	9.90	< 10	< 10	0.03	< 10	1.26	5470
6837	205	226	< 5	< 0.2	0.75	22	10	< 0.5	< 2	3.86	< 0.5	9	89	83	11.35	< 10	< 10	0.13	< 10	2.27	8230
6838	205	226	< 5	< 0.2	0.86	6	40	< 0.5	< 2	1.73	< 0.5	14	67	225	>15.00	< 10	10	0.29	< 10	2.50	>10000
6839	205	226	< 5	< 0.2	0.54	6	40	< 0.5	< 2	5.73	< 0.5	6	59	7	10.35	< 10	10	0.22	< 10	2.80	7100

CERTIFICATION: John D'Illa

Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 21-SEP-95
Invoice No. :I9527869
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527869

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6826	205	226	< 1	0.03	8	450	2	< 2	< 1	89	< 0.01	< 10	< 10	32	< 10	34	< 1	26
6827	205	226	< 1	< 0.01	36	560	< 2	< 2	4	28	0.03	< 10	< 10	66	< 10	34	< 1	33
6828	205	226	< 1	< 0.01	84	370	2	< 2	18	48	0.31	< 10	< 10	233	< 10	120	< 1	116
6829	205	226	< 1	< 0.01	60	360	< 2	< 2	12	108	0.13	< 10	< 10	151	< 10	78	< 1	73
6830	205	226	1	< 0.01	7	230	< 2	2	1	105	0.01	< 10	< 10	26	< 10	22	< 1	17
6831	205	226	1	< 0.01	5	270	2	< 2	< 1	48	0.01	< 10	< 10	34	< 10	20	< 1	13
6832	205	226	< 1	< 0.01	56	270	2	< 2	17	66	0.04	< 10	< 10	204	< 10	64	< 1	62
6833	205	226	1	0.07	26	340	2	< 2	2	50	0.02	< 10	< 10	47	< 10	26	< 1	26
6834	205	226	1	< 0.01	22	370	2	2	2	20	0.07	< 10	< 10	83	< 10	54	< 1	47
6835	205	226	1	< 0.01	24	340	2	< 2	1	27	0.03	< 10	< 10	34	< 10	24	< 1	23
6836	205	226	< 1	< 0.01	12	330	< 2	< 2	1	8	0.01	< 10	< 10	23	< 10	14	< 1	14
6837	205	226	1	0.04	12	340	2	< 2	1	35	< 0.01	< 10	< 10	61	< 10	48	< 1	46
6838	205	226	< 1	0.10	12	490	2	< 2	1	19	< 0.01	< 10	< 10	76	< 10	52	< 1	43
6839	205	226	< 1	0.08	9	300	2	< 2	1	53	< 0.01	< 10	< 10	48	< 10	26	< 1	21

CERTIFICATION: Jonathan D'Mar

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 2
Certificate Date: 21-SEP-95
Invoice No. : I9527869
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9527869

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6183	205	226	25	0.4	0.89	70	20	< 0.5	< 2	1.31	3.5	23	44	110	10.30	< 10	320	0.33	< 10	0.65	155
6206	205	226	10	< 0.2	0.49	20	40	< 0.5	< 2	1.33	1.0	12	66	73	9.87	< 10	60	0.28	10	1.51	3650
6207	205	226	10	0.6	0.40	48	30	< 0.5	< 2	1.28	8.5	16	108	185	11.25	< 10	230	0.23	< 10	1.28	1845
6209	205	226	10	0.4	1.25	440	10	< 0.5	< 2	1.93	0.5	14	103	159	14.35	< 10	20	0.10	< 10	1.87	2360
6261	205	226	15	0.4	0.75	66	20	< 0.5	< 2	0.23	3.5	27	52	119	9.83	< 10	510	0.34	< 10	0.17	55
6262	205	226	20	0.4	0.68	54	20	< 0.5	< 2	1.34	4.5	26	43	137	9.31	< 10	580	0.33	< 10	0.59	260
6264	205	226	20	< 0.2	0.72	98	20	< 0.5	< 2	0.96	3.0	23	84	143	11.60	< 10	610	0.31	< 10	0.46	240
6265	205	226	35	0.6	0.66	114	20	< 0.5	< 2	1.28	2.0	20	78	116	12.55	< 10	510	0.27	10	0.58	245
6267	205	226	30	0.6	0.80	92	20	< 0.5	< 2	0.39	2.5	21	80	160	12.10	< 10	550	0.38	10	0.24	95
6268	205	226	35	0.4	0.72	88	20	< 0.5	< 2	0.51	3.0	21	75	216	13.70	< 10	530	0.31	< 10	0.28	155
6342	205	226	30	2.6	0.63	152	20	< 0.5	< 2	2.46	13.0	12	93	234	13.35	< 10	540	0.28	< 10	1.33	3690
6344	205	226	10	1.2	0.64	30	20	0.5	< 2	0.87	2.5	9	59	233	12.65	< 10	120	0.34	10	0.49	815
6350	205	226	20	1.4	0.65	98	20	0.5	< 2	1.10	6.0	19	64	172	12.20	< 10	460	0.32	10	0.64	685
6351	205	226	60	2.4	0.53	150	20	< 0.5	< 2	3.39	10.0	20	66	167	12.45	< 10	940	0.27	< 10	1.39	1630
6353	205	226	50	2.6	0.57	160	20	< 0.5	< 2	1.32	9.0	16	79	146	12.75	< 10	890	0.27	< 10	0.58	1055
6354	205	226	35	2.4	0.55	108	20	< 0.5	< 2	3.41	10.5	16	100	249	11.55	< 10	520	0.24	< 10	1.43	2810
6356	205	226	25	2.2	0.79	174	20	< 0.5	< 2	1.13	14.0	20	73	102	9.80	< 10	1280	0.37	10	0.58	840
6357	205	226	20	2.6	0.73	136	20	< 0.5	< 2	1.93	9.0	17	95	168	13.00	< 10	810	0.34	< 10	0.82	1335
6359	205	226	10	0.4	0.59	34	30	< 0.5	< 2	1.90	1.0	12	99	100	>15.00	< 10	40	0.31	10	1.73	2280
6360	205	226	15	2.2	0.59	26	20	< 0.5	< 2	0.87	8.0	9	79	286	14.20	< 10	290	0.25	< 10	0.82	1000
6362	205	226	10	0.4	0.68	6	40	< 0.5	< 2	0.92	5.0	26	82	254	8.28	< 10	140	0.33	10	0.87	515
6363	205	226	40	1.4	0.72	64	30	< 0.5	< 2	0.93	14.0	21	101	380	9.54	< 10	490	0.29	10	0.83	660
6365	205	226	20	1.2	0.88	20	20	< 0.5	< 2	2.03	11.0	15	88	202	10.10	< 10	270	0.25	< 10	0.92	490
6366	205	226	15	1.6	0.98	34	20	< 0.5	< 2	1.13	8.0	18	77	243	11.50	< 10	280	0.36	10	0.56	225
6368	205	226	20	1.6	1.10	176	10	< 0.5	< 2	1.22	4.5	20	120	87	13.20	< 10	730	0.37	< 10	0.61	170
6369	205	226	10	0.6	1.21	72	20	< 0.5	< 2	1.16	2.5	21	100	116	9.45	< 10	210	0.42	< 10	0.61	185
6379	205	226	10	0.8	0.79	148	20	< 0.5	< 2	5.78	14.0	14	110	228	8.39	< 10	1260	0.28	< 10	2.68	855
6380	205	226	20	1.0	1.09	270	20	< 0.5	< 2	1.87	12.5	22	143	185	12.50	< 10	1660	0.40	< 10	0.84	315
6382	205	226	25	0.8	0.77	96	10	< 0.5	< 2	4.34	5.5	17	80	170	11.05	< 10	380	0.33	< 10	1.83	355
6383	205	226	25	0.8	0.71	104	10	< 0.5	< 2	6.10	4.0	14	80	178	10.60	< 10	510	0.20	< 10	2.71	460
6385	205	226	15	0.6	0.97	58	20	< 0.5	< 2	0.26	4.0	25	78	64	7.95	< 10	350	0.40	< 10	0.19	50
6386	205	226	15	0.6	0.96	80	20	< 0.5	< 2	1.04	4.0	21	80	90	9.91	< 10	420	0.30	< 10	0.54	165
6439	205	226	< 5	< 0.2	0.82	16	80	0.5	< 2	1.19	< 0.5	6	72	9	>15.00	< 10	30	0.38	< 10	2.57	>10000
6803	205	226	280	0.2	0.14	6	< 10	< 0.5	< 2	5.14	< 0.5	2	130	3	14.10	< 10	< 10	0.01	< 10	3.08	5840
6804	205	226	< 5	0.2	0.24	6	< 10	< 0.5	< 2	10.25	< 0.5	2	50	2	11.00	< 10	10	0.03	< 10	4.68	5220
6805	205	226	< 5	0.4	0.16	10	< 10	< 0.5	< 2	9.86	< 0.5	2	48	< 1	11.70	< 10	< 10	0.02	< 10	4.81	4930
6806	205	226	25	< 0.2	0.21	8	< 10	< 0.5	< 2	7.34	< 0.5	3	55	2	14.50	< 10	< 10	0.01	< 10	4.03	6800
6807	205	226	420	< 0.2	0.21	8	< 10	< 0.5	< 2	6.60	< 0.5	2	66	2	13.40	< 10	< 10	0.01	< 10	3.69	6330
6808	205	226	70	< 0.2	0.24	16	< 10	< 0.5	2	7.12	< 0.5	2	53	8	13.25	< 10	< 10	0.03	< 10	3.62	6110
6825	205	226	5	< 0.2	0.49	12	< 10	< 0.5	< 2	7.24	< 0.5	5	58	14	15.00	< 10	10	0.01	< 10	4.36	8880

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 21-SEP-95
Invoice No. :I9527869
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527869

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6183	205	226	13	0.01	109	220	44	< 2	1	33	< 0.01	< 10	10	17	< 10	668	46	670
6206	205	226	3	0.01	28	1380	8	< 2	1	63	< 0.01	< 10	< 10	10	< 10	226	4	235
6207	205	226	29	< 0.01	79	1560	14	< 2	1	55	< 0.01	< 10	10	43	< 10	900	12	1000
6209	205	226	2	< 0.01	38	2090	6	< 2	1	62	< 0.01	< 10	< 10	48	< 10	176	2	175
6261	205	226	12	0.01	132	610	36	2	1	8	< 0.01	< 10	20	16	< 10	934	37	850
6262	205	226	10	0.01	138	400	34	< 2	1	31	< 0.01	< 10	20	14	< 10	1160	30	1250
6264	205	226	11	0.01	124	300	34	2	1	26	< 0.01	< 10	10	16	< 10	910	34	900
6265	205	226	13	0.01	101	210	42	4	< 1	35	< 0.01	< 10	10	17	< 10	574	43	540
6267	205	226	12	0.01	126	310	36	2	1	13	< 0.01	< 10	10	16	< 10	722	38	660
6268	205	226	11	0.01	163	370	36	< 2	1	15	< 0.01	< 10	10	19	< 10	696	40	710
6342	205	226	114	< 0.01	159	3490	52	< 2	1	64	< 0.01	< 10	40	379	< 10	1580	60	1850
6344	205	226	33	< 0.01	181	570	28	< 2	1	26	< 0.01	< 10	20	65	< 10	384	24	365
6350	205	226	39	0.01	163	510	40	2	1	28	< 0.01	< 10	20	64	< 10	840	35	800
6351	205	226	106	< 0.01	190	1210	56	4	1	70	< 0.01	< 10	40	292	< 10	1430	63	1700
6353	205	226	94	< 0.01	252	1300	66	4	1	35	< 0.01	< 10	40	161	< 10	1295	77	1600
6354	205	226	113	0.01	290	1910	84	2	1	76	< 0.01	< 10	40	358	< 10	1460	96	1800
6356	205	226	180	0.01	320	1160	74	< 2	1	34	0.01	< 10	90	593	< 10	2240	87	2600
6357	205	226	114	0.01	241	1680	68	2	1	55	< 0.01	< 10	50	318	< 10	1355	70	1500
6359	205	226	4	0.01	31	2160	12	< 2	1	79	< 0.01	< 10	< 10	23	< 10	232	8	230
6360	205	226	67	< 0.01	154	1210	56	< 2	1	36	< 0.01	< 10	30	122	< 10	1010	62	1200
6362	205	226	6	0.01	64	2120	14	< 2	1	47	< 0.01	< 10	10	39	< 10	594	9	610
6363	205	226	76	0.01	181	1820	32	< 2	1	47	< 0.01	< 10	40	208	< 10	1820	36	2150
6365	205	226	37	< 0.01	132	740	24	< 2	1	46	< 0.01	< 10	20	84	< 10	1380	21	1600
6366	205	226	17	0.02	137	220	24	< 2	1	29	< 0.01	< 10	10	29	< 10	1130	22	1250
6368	205	226	35	0.01	131	270	62	2	1	30	< 0.01	< 10	20	54	< 10	788	65	740
6369	205	226	11	0.01	96	180	30	< 2	1	29	< 0.01	< 10	< 10	23	< 10	470	27	480
6379	205	226	78	0.01	211	1130	42	< 2	1	56	< 0.01	< 10	30	344	< 10	1975	40	2200
6380	205	226	77	0.01	267	1380	66	< 2	2	32	< 0.01	< 10	20	383	< 10	1810	70	1950
6382	205	226	16	0.04	122	170	42	< 2	1	46	< 0.01	< 10	10	27	< 10	872	38	770
6383	205	226	27	0.03	105	180	40	< 2	2	49	< 0.01	< 10	10	41	< 10	582	43	560
6385	205	226	11	0.02	84	220	32	< 2	1	10	< 0.01	< 10	< 10	18	< 10	810	33	740
6386	205	226	13	0.02	115	190	40	2	1	19	< 0.01	< 10	10	25	< 10	864	40	840
6439	205	226	1	0.23	10	440	2	< 2	1	32	0.01	< 10	< 10	65	< 10	34	< 1	25
6803	205	226	< 1	< 0.01	2	300	< 2	< 2	< 1	47	< 0.01	< 10	< 10	11	< 10	20	< 1	14
6804	205	226	1	< 0.01	3	220	2	< 2	< 1	78	< 0.01	< 10	< 10	17	< 10	24	< 1	16
6805	205	226	< 1	< 0.01	2	240	2	< 2	< 1	69	< 0.01	< 10	< 10	13	< 10	20	< 1	11
6806	205	226	< 1	< 0.01	3	790	< 2	< 2	< 1	59	< 0.01	< 10	< 10	19	< 10	18	< 1	11
6807	205	226	< 1	< 0.01	3	230	4	< 2	< 1	47	< 0.01	< 10	< 10	19	< 10	18	< 1	13
6808	205	226	2	< 0.01	4	250	2	< 2	< 1	51	< 0.01	< 10	< 10	19	< 10	22	< 1	18
6825	205	226	< 1	< 0.01	5	380	2	< 2	< 1	60	< 0.01	< 10	< 10	30	< 10	26	< 1	16

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :2-A
Total Pages :2
Certificate Date: 21-SEP-95
Invoice No. :I9527869
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527869

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6826	205	226	4010	0.2	0.66	8	10	< 0.5	< 2	5.54	< 0.5	7	80	32	>15.00	< 10	50	0.11	< 10	3.60	9620
6827	205	226	< 5	< 0.2	1.11	80	60	< 0.5	< 2	1.94	< 0.5	30	79	87	11.95	< 10	10	0.44	< 10	2.51	4210
6828	205	226	15	< 0.2	4.53	42	230	< 0.5	< 2	2.66	< 0.5	42	134	147	10.15	< 10	10	2.45	< 10	2.84	1190
6829	205	226	< 5	< 0.2	3.32	42	120	< 0.5	< 2	6.90	< 0.5	37	123	184	10.05	< 10	20	1.17	< 10	3.89	2700
6830	205	226	< 5	< 0.2	0.37	6	< 10	< 0.5	< 2	6.85	< 0.5	4	79	14	10.45	< 10	10	0.03	< 10	3.49	5890
6831	205	226	< 5	0.4	0.39	6	< 10	< 0.5	< 2	8.70	< 0.5	3	38	6	11.55	< 10	< 10	0.03	< 10	4.12	8440
6832	205	226	< 5	< 0.2	4.26	10	< 10	< 0.5	< 2	4.37	< 0.5	27	154	26	9.64	< 10	10	0.02	< 10	3.42	3920
6833	205	226	< 5	< 0.2	1.08	12	20	< 0.5	< 2	3.95	< 0.5	8	115	51	9.08	< 10	< 10	0.22	< 10	2.29	4170
6834	205	226	< 5	< 0.2	1.86	12	60	< 0.5	< 2	0.83	< 0.5	13	108	13	9.25	< 10	10	0.51	< 10	1.58	3500
6835	205	226	< 5	< 0.2	0.87	10	20	< 0.5	< 2	1.87	< 0.5	9	134	12	8.06	< 10	< 10	0.19	< 10	1.69	3830
6836	205	226	< 5	< 0.2	0.67	4	< 10	< 0.5	< 2	0.73	< 0.5	5	116	11	9.90	< 10	< 10	0.03	< 10	1.26	5470
6837	205	226	< 5	< 0.2	0.75	22	10	< 0.5	< 2	3.86	< 0.5	9	89	83	11.35	< 10	< 10	0.13	< 10	2.27	8230
6838	205	226	< 5	< 0.2	0.86	6	40	< 0.5	< 2	1.73	< 0.5	14	67	225	>15.00	< 10	10	0.29	< 10	2.50	>10000
6839	205	226	< 5	< 0.2	0.54	6	40	< 0.5	< 2	5.73	< 0.5	6	59	7	10.35	< 10	10	0.22	< 10	2.80	7100

CERTIFICATION: Jhai D'Ma

Chemex Labs Ltd.

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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :2-B
Total Pages :2
Certificate Date: 21-SEP-95
Invoice No. :I9527869
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527869

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6826	205	226	< 1	0.03	8	450	2	< 2	< 1	89	< 0.01	< 10	< 10	32	< 10	34	< 1	26
6827	205	226	< 1	< 0.01	36	560	< 2	< 2	4	28	0.03	< 10	< 10	66	< 10	34	< 1	33
6828	205	226	< 1	< 0.01	84	370	2	< 2	18	48	0.31	< 10	< 10	233	< 10	120	< 1	116
6829	205	226	< 1	< 0.01	60	360	< 2	< 2	12	108	0.13	< 10	< 10	151	< 10	78	< 1	73
6830	205	226	1	< 0.01	7	230	< 2	2	1	105	0.01	< 10	< 10	26	< 10	22	< 1	17
6831	205	226	1	< 0.01	5	270	2	< 2	< 1	48	0.01	< 10	< 10	34	< 10	20	< 1	13
6832	205	226	< 1	< 0.01	56	270	2	< 2	17	66	0.04	< 10	< 10	204	< 10	64	< 1	62
6833	205	226	1	0.07	26	340	2	< 2	2	50	0.02	< 10	< 10	47	< 10	26	< 1	26
6834	205	226	1	< 0.01	22	370	2	2	2	20	0.07	< 10	< 10	83	< 10	54	< 1	47
6835	205	226	1	< 0.01	24	340	2	< 2	1	27	0.03	< 10	< 10	34	< 10	24	< 1	23
6836	205	226	< 1	< 0.01	12	330	< 2	< 2	1	8	0.01	< 10	< 10	23	< 10	14	< 1	14
6837	205	226	1	0.04	12	340	2	< 2	1	35	< 0.01	< 10	< 10	61	< 10	48	< 1	46
6838	205	226	< 1	0.10	12	490	2	< 2	1	19	< 0.01	< 10	< 10	76	< 10	52	< 1	43
6839	205	226	< 1	0.08	9	300	2	< 2	1	53	< 0.01	< 10	< 10	48	< 10	26	< 1	21

CERTIFICATION:

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :2-B
Total Pages :2
Certificate Date: 29-SEP-95
Invoice No. :I9528359
P.O. Number :
Account :LZV

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CERTIFICATE OF ANALYSIS A9528359

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm	Pb ppm	Zn ppm
6518	205	226	< 1	< 0.01	3	270	2	12	1	24	< 0.01	< 10	< 10	29	< 10	6	-----	-----	-----	-----
6519	205	226	< 1	< 0.01	8	430	2	8	2	29	0.01	< 10	< 10	41	< 10	8	-----	-----	-----	-----
6858	205	226	7	< 0.01	31	350	14	8	2	18	< 0.01	< 10	< 10	20	< 10	130	8	145	10	150
6859	205	226	12	< 0.01	81	240	36	16	2	8	< 0.01	< 10	< 10	20	< 10	476	34	570	36	570
6860	205	226	13	0.01	93	310	30	10	2	23	< 0.01	< 10	< 10	18	< 10	656	35	780	37	740
6861	205	226	9	0.01	81	160	40	8	2	16	< 0.01	< 10	< 10	11	< 10	500	33	510	38	570
6862	205	226	13	0.01	100	160	50	10	2	61	< 0.01	< 10	< 10	21	< 10	834	45	880	48	870
6863	205	226	41	0.01	129	410	66	12	2	33	< 0.01	< 10	10	74	< 10	1320	62	1450	64	1500
6864	205	226	54	0.01	111	460	42	10	2	35	< 0.01	< 10	10	86	< 10	1660	40	1950	43	1950
6865	205	226	54	0.01	151	570	28	8	2	27	< 0.01	< 10	10	85	< 10	1720	23	1980	26	1950
6866	205	226	66	0.01	132	850	54	8	3	31	< 0.01	< 10	10	290	< 10	1450	47	1550	49	1650
6867	205	226	66	0.01	132	1350	52	12	3	45	< 0.01	< 10	20	295	< 10	1530	49	1780	52	1800
6868	205	226	86	< 0.01	235	930	92	12	3	30	< 0.01	< 10	20	330	< 10	1700	85	2000	86	2000
6869	205	226	94	< 0.01	239	740	78	16	2	33	< 0.01	< 10	20	243	< 10	1970	80	2250	82	2400
6874	205	226	78	0.01	218	480	42	12	3	32	< 0.01	< 10	20	315	< 10	1720	40	1900	41	1950
6875	205	226	137	0.01	210	880	44	12	3	30	< 0.01	< 10	40	529	30	1860	52	2180	55	2280
6876	205	226	83	0.01	207	910	24	12	2	32	< 0.01	< 10	20	220	30	1320	34	1750	34	1750
6877	205	226	86	0.01	155	1320	34	12	3	64	< 0.01	< 10	20	257	30	1530	34	2100	34	2050
6878	205	226	41	0.01	139	410	36	8	2	28	< 0.01	< 10	10	114	30	1320	50	1550	53	1730
6879	205	226	116	0.01	190	1510	54	12	2	44	< 0.01	< 10	40	361	40	3180	63	4050	62	3900
6880	205	226	126	0.01	180	1630	32	10	3	36	0.01	< 10	40	518	40	3040	36	4000	37	3850
6881	205	226	122	0.01	223	2270	28	12	3	44	< 0.01	< 10	40	516	40	3100	32	4300	32	3900
6882	205	226	99	0.01	167	2550	24	10	3	59	< 0.01	< 10	40	507	40	1825	28	2250	30	2400
6883	205	226	145	0.01	250	1920	34	14	3	30	0.01	< 10	50	590	40	4140	43	5700	40	4900
7145	205	226	17	0.01	68	500	18	8	2	34	< 0.01	< 10	< 10	42	30	698	16	700	20	740
7146	205	226	9	0.01	79	300	48	12	2	21	< 0.01	< 10	< 10	24	30	392	56	420	60	420
7147	205	226	42	< 0.01	116	570	30	14	2	28	< 0.01	< 10	< 10	147	30	1100	37	1550	36	1480
7148	205	226	78	< 0.01	143	1070	42	8	2	35	< 0.01	< 10	20	240	30	1850	56	2250	60	2500
7149	205	226	61	0.01	159	730	46	10	2	23	< 0.01	< 10	10	155	30	1390	50	1750	50	1800

CERTIFICATION: Stewart Bichler

**ADDITIONAL RESULTS FOR Pb and Zn

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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CERTIFICATE OF ANALYSIS A9528359

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6150	205 226	< 5	0.4	0.54	12	< 10	< 0.5	< 2	5.03	< 0.5	8	144	43	12.05	< 10	20	0.06	< 10	3.16	2450
6152	205 226	< 5	0.2	0.13	28	< 10	< 0.5	< 2	5.63	< 0.5	6	135	28	10.65	< 10	20	0.04	< 10	3.12	3530
6153	205 226	< 5	1.6	0.73	72	30	< 0.5	< 2	3.74	2.0	22	124	138	11.50	< 10	220	0.24	< 10	1.71	3210
6155	205 226	< 5	0.2	0.39	16	20	< 0.5	< 2	1.84	5.0	9	92	88	13.10	< 10	210	0.17	< 10	1.64	2940
6156	205 226	< 5	< 0.2	0.68	8	20	< 0.5	< 2	1.40	0.5	22	97	74	14.25	< 10	70	0.12	< 10	1.81	4060
6158	205 226	< 5	< 0.2	0.32	14	20	< 0.5	< 2	1.52	0.5	9	85	59	12.50	< 10	90	0.15	< 10	1.65	3150
6159	205 226	< 5	< 0.2	1.12	18	30	< 0.5	< 2	1.54	0.5	12	188	97	12.35	< 10	60	0.23	< 10	1.64	3040
6161	205 226	< 5	1.6	0.80	42	30	< 0.5	< 2	2.81	4.5	20	110	350	13.25	< 10	220	0.25	< 10	1.11	890
6315	205 226	< 5	2.2	0.71	76	20	< 0.5	< 2	2.90	6.0	22	78	174	10.80	< 10	500	0.29	< 10	1.03	1265
6316	205 226	< 5	1.4	0.66	24	20	< 0.5	< 2	1.58	6.5	10	71	243	9.78	< 10	350	0.27	< 10	0.60	815
6318	205 226	< 5	2.6	0.85	162	20	< 0.5	< 2	2.44	11.0	17	147	260	10.20	< 10	460	0.22	< 10	1.20	2990
6319	205 226	< 5	3.4	0.79	304	20	< 0.5	< 2	1.78	14.0	14	104	389	10.95	< 10	660	0.26	< 10	0.88	2370
6321	205 226	20	5.4	0.80	58	30	< 0.5	< 2	1.58	17.0	9	84	271	12.45	< 10	790	0.34	< 10	0.88	2840
6322	205 226	30	4.4	0.74	96	30	< 0.5	< 2	1.48	18.0	23	119	299	10.90	< 10	850	0.28	< 10	0.86	2340
6324	205 226	< 5	3.2	0.66	268	30	< 0.5	< 2	1.66	15.0	20	138	341	11.80	< 10	630	0.27	< 10	1.16	4970
6325	205 226	60	5.0	0.80	142	30	< 0.5	< 2	1.20	20.5	19	127	316	12.35	< 10	1360	0.34	< 10	0.54	1300
6327	205 226	30	3.8	0.52	222	20	< 0.5	< 2	1.79	13.0	27	89	326	13.05	< 10	600	0.24	< 10	0.88	2420
6495	205 226	< 5	0.2	1.00	8	20	< 0.5	< 2	1.20	< 0.5	6	167	14	>15.00	< 10	20	0.66	< 10	1.76	>10000
6496	205 226	< 5	2.6	0.63	4	< 10	< 0.5	< 2	1.52	< 0.5	4	102	12	>15.00	< 10	10	0.08	< 10	2.21	>10000
6497	205 226	< 5	< 0.2	0.53	8	< 10	< 0.5	< 2	1.99	< 0.5	6	118	4	14.05	< 10	10	0.01	< 10	2.09	8730
6498	205 226	< 5	< 0.2	0.43	4	< 10	< 0.5	< 2	1.49	< 0.5	5	180	4	11.65	< 10	10	0.01	< 10	1.74	7920
6499	205 226	< 5	< 0.2	0.47	8	< 10	< 0.5	< 2	3.28	< 0.5	4	87	3	>15.00	< 10	10	< 0.01	< 10	2.41	9220
6500	205 226	100	< 0.2	0.72	6	< 10	< 0.5	< 2	3.34	< 0.5	6	82	6	>15.00	< 10	20	0.01	< 10	2.52	8790
6501	205 226	< 5	< 0.2	0.86	14	10	< 0.5	< 2	4.56	< 0.5	7	53	9	>15.00	< 10	10	0.18	< 10	2.80	>10000
6502	205 226	< 5	< 0.2	0.85	2	10	< 0.5	< 2	4.13	< 0.5	6	91	14	11.50	< 10	10	0.42	< 10	2.20	8830
6503	205 226	< 5	< 0.2	0.33	4	< 10	< 0.5	< 2	1.99	< 0.5	5	96	2	>15.00	< 10	10	0.01	< 10	2.32	5930
6504	205 226	< 5	< 0.2	0.11	18	< 10	< 0.5	< 2	7.30	< 0.5	1	52	1	12.80	< 10	10	0.02	< 10	3.59	4080
6505	205 226	< 5	< 0.2	0.14	6	< 10	< 0.5	< 2	2.56	< 0.5	2	91	1	14.50	< 10	20	0.01	< 10	2.65	4090
6506	205 226	< 5	< 0.2	0.13	4	< 10	< 0.5	< 2	0.82	< 0.5	3	90	14	>15.00	< 10	20	0.01	< 10	2.39	5010
6507	205 226	< 5	< 0.2	0.17	12	< 10	< 0.5	< 2	1.19	< 0.5	2	84	1	>15.00	< 10	10	< 0.01	< 10	2.17	6520
6508	205 226	< 5	0.2	0.32	6	< 10	< 0.5	< 2	5.26	< 0.5	3	55	< 1	>15.00	< 10	20	< 0.01	< 10	3.37	5600
6509	205 226	< 5	< 0.2	0.40	2	< 10	< 0.5	< 2	2.61	< 0.5	5	121	3	13.25	< 10	10	< 0.01	< 10	2.05	8570
6510	205 226	< 5	< 0.2	0.21	6	< 10	< 0.5	< 2	3.01	< 0.5	2	106	2	11.20	< 10	10	< 0.01	< 10	2.46	3610
6511	205 226	< 5	< 0.2	0.06	4	< 10	< 0.5	< 2	2.07	< 0.5	1	164	1	8.15	< 10	10	< 0.01	< 10	1.91	1365
6512	205 226	< 5	< 0.2	0.02	10	< 10	< 0.5	< 2	1.24	< 0.5	1	160	< 1	12.10	< 10	10	< 0.01	< 10	2.21	1585
6513	205 226	< 5	< 0.2	0.06	12	< 10	< 0.5	< 2	3.56	< 0.5	2	158	3	8.74	< 10	10	0.01	< 10	2.34	1610
6514	205 226	< 5	< 0.2	0.09	10	< 10	< 0.5	< 2	3.04	< 0.5	2	140	< 1	11.00	< 10	10	< 0.01	< 10	2.48	2260
6515	205 226	< 5	< 0.2	0.13	12	< 10	< 0.5	< 2	6.03	< 0.5	1	85	< 1	9.92	< 10	< 10	0.03	< 10	3.19	2990
6516	205 226	< 5	< 0.2	0.13	8	< 10	< 0.5	< 2	9.45	< 0.5	2	63	3	10.05	< 10	10	0.01	< 10	4.00	4080
6517	205 226	< 5	< 0.2	0.32	4	10	< 0.5	< 2	3.47	< 0.5	4	59	1	14.65	< 10	10	0.03	< 10	2.56	7390

CERTIFICATION: Ian Bradley

**ADDITIONAL RESULTS FOR Pb and Zn

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

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CERTIFICATE OF ANALYSIS A9528359

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm	Pb ppm	Zn ppm
6150	205 226	7	< 0.01	22	340	2	< 2	1	82	< 0.01	< 10	< 10	34	< 10	46	< 1	50	-----	-----
6152	205 226	3	< 0.01	24	240	6	< 2	< 1	86	< 0.01	< 10	< 10	19	< 10	102	< 1	110	-----	-----
6153	205 226	78	< 0.01	105	3290	40	< 2	1	114	< 0.01	< 10	30	223	< 10	306	43	310	-----	-----
6155	205 226	9	< 0.01	33	2360	8	< 2	1	74	< 0.01	< 10	10	33	< 10	628	5	670	-----	-----
6156	205 226	2	< 0.01	23	2250	4	< 2	1	56	< 0.01	< 10	< 10	21	< 10	222	< 1	225	-----	-----
6158	205 226	1	< 0.01	22	2110	6	< 2	1	58	< 0.01	< 10	< 10	11	< 10	276	< 1	305	-----	-----
6159	205 226	4	0.01	34	1970	8	< 2	1	62	< 0.01	< 10	< 10	37	< 10	208	4	210	-----	-----
6161	205 226	25	< 0.01	127	770	30	2	1	65	< 0.01	< 10	10	79	< 10	854	35	940	-----	-----
6315	205 226	18	0.01	108	490	34	4	1	52	< 0.01	< 10	10	45	< 10	876	-----	-----	37	950
6316	205 226	15	0.01	127	260	10	< 2	1	30	< 0.01	< 10	10	26	< 10	1125	-----	-----	7	1300
6318	205 226	53	0.01	114	2290	32	2	1	56	< 0.01	< 10	30	212	< 10	1465	-----	-----	35	1620
6319	205 226	67	0.01	153	1950	44	2	1	40	< 0.01	< 10	30	222	< 10	1850	-----	-----	50	1950
6321	205 226	132	< 0.01	187	2690	70	2	2	44	< 0.01	< 10	60	502	< 10	2220	-----	-----	82	2300
6322	205 226	93	< 0.01	136	2100	50	4	1	41	< 0.01	< 10	40	312	< 10	2400	-----	-----	60	2400
6324	205 226	62	< 0.01	125	2070	42	4	1	47	< 0.01	< 10	30	229	< 10	2010	-----	-----	50	2000
6325	205 226	108	< 0.01	236	1730	84	6	1	42	< 0.01	< 10	50	411	< 10	2790	-----	-----	106	3000
6327	205 226	98	< 0.01	177	2820	76	2	1	54	< 0.01	< 10	40	293	< 10	1650	-----	-----	104	1850
6495	205 226	2	< 0.01	13	480	2	< 2	2	49	0.09	< 10	10	77	< 10	84	-----	-----	-----	-----
6496	205 226	< 1	< 0.01	8	410	< 2	< 2	1	28	0.02	< 10	10	59	< 10	22	-----	-----	-----	-----
6497	205 226	< 1	< 0.01	7	300	2	< 2	1	24	0.01	< 10	< 10	38	< 10	18	-----	-----	-----	-----
6498	205 226	< 1	< 0.01	8	260	< 2	2	1	16	0.01	< 10	< 10	29	< 10	14	-----	-----	-----	-----
6499	205 226	< 1	< 0.01	6	330	< 2	< 2	< 1	37	< 0.01	< 10	10	31	< 10	24	-----	-----	-----	-----
6500	205 226	< 1	< 0.01	7	370	< 2	< 2	1	52	< 0.01	< 10	10	44	< 10	40	-----	-----	-----	-----
6501	205 226	< 1	< 0.01	11	470	< 2	< 2	1	32	0.03	< 10	10	59	< 10	30	-----	-----	-----	-----
6502	205 226	< 1	< 0.01	11	490	2	< 2	1	97	0.07	< 10	< 10	67	< 10	26	-----	-----	-----	-----
6503	205 226	< 1	< 0.01	4	300	2	< 2	< 1	18	< 0.01	< 10	10	29	< 10	104	-----	-----	-----	-----
6504	205 226	< 1	0.01	2	110	< 2	< 2	< 1	67	< 0.01	< 10	10	18	< 10	20	-----	-----	-----	-----
6505	205 226	< 1	< 0.01	3	170	< 2	< 2	< 1	15	< 0.01	< 10	< 10	17	< 10	16	-----	-----	-----	-----
6506	205 226	1	< 0.01	8	210	< 2	< 2	< 1	11	< 0.01	< 10	10	20	< 10	26	-----	-----	-----	-----
6507	205 226	< 1	< 0.01	3	260	< 2	2	< 1	10	< 0.01	< 10	< 10	19	< 10	22	-----	-----	-----	-----
6508	205 226	< 1	< 0.01	2	220	2	2	< 1	37	< 0.01	< 10	10	26	< 10	28	-----	-----	-----	-----
6509	205 226	< 1	< 0.01	5	370	< 2	< 2	< 1	32	< 0.01	< 10	< 10	33	< 10	14	-----	-----	-----	-----
6510	205 226	< 1	< 0.01	6	230	< 2	< 2	< 1	33	< 0.01	< 10	< 10	17	< 10	10	-----	-----	-----	-----
6511	205 226	< 1	< 0.01	6	140	< 2	< 2	< 1	17	< 0.01	< 10	< 10	10	< 10	12	-----	-----	-----	-----
6512	205 226	< 1	< 0.01	4	180	< 2	< 2	< 1	10	< 0.01	< 10	< 10	8	< 10	6	-----	-----	-----	-----
6513	205 226	< 1	< 0.01	8	220	< 2	< 2	< 1	26	0.01	< 10	< 10	10	< 10	6	-----	-----	-----	-----
6514	205 226	< 1	< 0.01	6	130	< 2	< 2	< 1	22	< 0.01	< 10	< 10	17	< 10	6	-----	-----	-----	-----
6515	205 226	< 1	< 0.01	5	170	< 2	< 2	< 1	36	< 0.01	< 10	< 10	12	< 10	6	-----	-----	-----	-----
6516	205 226	< 1	< 0.01	6	770	< 2	< 2	< 1	66	< 0.01	< 10	< 10	12	< 10	12	-----	-----	-----	-----
6517	205 226	< 1	< 0.01	6	530	< 2	< 2	< 1	36	< 0.01	< 10	< 10	26	< 10	18	-----	-----	-----	-----

CERTIFICATION: Jan Buchler

**ADDITIONAL RESULTS FOR Pb and Zn

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

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CERTIFICATE OF ANALYSIS A9528359

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6518	205	226	< 5	< 0.2	0.18	< 2	< 10	< 0.5	< 2	1.72	< 0.5	6	76	12	>15.00	< 10	10	< 0.01	< 10	2.46	7850
6519	205	226	< 5	< 0.2	0.34	< 2	< 10	< 0.5	< 2	2.63	< 0.5	8	80	16	>15.00	10	20	< 0.01	< 10	2.89	8060
6858	205	226	< 5	0.4	0.49	< 2	10	< 0.5	< 2	0.74	< 0.5	24	145	82	12.85	< 10	30	0.20	< 10	1.33	3570
6859	205	226	< 5	1.4	0.74	< 2	20	< 0.5	< 2	0.20	1.5	13	61	208	>15.00	< 10	40	0.25	< 10	0.56	300
6860	205	226	< 5	1.2	0.69	38	20	1.0	< 2	0.84	2.5	21	62	130	12.05	< 10	130	0.36	10	0.56	335
6861	205	226	< 5	0.8	0.60	24	20	1.0	< 2	0.70	1.5	22	39	131	8.46	< 10	120	0.34	10	0.45	255
6862	205	226	< 5	0.4	0.45	66	10	1.5	< 2	3.35	5.0	15	79	92	9.88	< 10	190	0.32	10	1.59	820
6863	205	226	< 5	1.4	0.66	150	20	< 0.5	< 2	1.53	7.5	18	122	139	12.85	< 10	290	0.41	10	0.75	495
6864	205	226	20	1.2	0.60	50	20	1.5	< 2	1.76	9.0	25	99	185	9.46	< 10	210	0.37	10	0.87	695
6865	205	226	20	1.4	0.72	10	20	0.5	< 2	1.13	9.5	12	76	385	12.35	< 10	130	0.40	10	0.57	455
6866	205	226	40	1.4	1.10	42	30	< 0.5	< 2	1.20	8.5	24	128	255	13.60	< 10	150	0.41	10	0.72	485
6867	205	226	30	0.8	1.11	52	20	< 0.5	< 2	1.94	9.0	18	112	297	13.40	< 10	150	0.28	< 10	1.03	800
6868	205	226	20	1.0	0.95	200	20	< 0.5	< 2	1.61	10.5	17	137	330	14.45	< 10	280	0.30	< 10	0.80	600
6869	205	226	30	1.0	0.59	260	20	< 0.5	< 2	1.65	12.0	19	158	140	14.85	< 10	410	0.30	< 10	0.83	500
6874	205	226	20	0.4	0.87	140	20	< 0.5	< 2	1.95	12.0	17	165	250	12.65	< 10	290	0.32	< 10	0.96	435
6875	205	226	30	0.6	0.92	118	20	< 0.5	< 2	1.56	14.0	18	117	199	12.40	10	580	0.30	< 10	0.83	475
6876	205	226	30	0.8	0.59	30	20	< 0.5	< 2	1.67	9.0	15	99	308	11.90	10	200	0.29	< 10	0.84	585
6877	205	226	30	0.6	0.73	42	20	< 0.5	< 2	3.08	9.5	13	114	247	11.20	10	220	0.28	< 10	1.44	1380
6878	205	226	30	1.4	0.81	80	20	< 0.5	< 2	1.27	8.0	17	80	128	10.15	10	250	0.31	< 10	0.72	665
6879	205	226	50	2.4	0.64	96	20	< 0.5	< 2	1.74	19.5	21	112	218	12.30	10	390	0.26	< 10	0.88	1210
6880	205	226	20	1.4	0.93	46	20	< 0.5	< 2	1.45	19.0	21	134	303	11.90	10	370	0.35	< 10	1.00	1545
6881	205	226	20	0.8	0.90	8	20	< 0.5	< 2	1.78	20.5	12	117	378	13.05	10	320	0.36	< 10	1.16	2050
6882	205	226	10	0.8	0.74	20	20	< 0.5	< 2	2.64	12.5	18	150	386	12.35	10	170	0.30	< 10	1.63	3280
6883	205	226	20	1.8	0.84	40	30	< 0.5	< 2	0.97	29.0	28	194	487	14.95	10	330	0.45	< 10	0.70	1300
7145	205	226	< 5	1.0	0.63	2	10	< 0.5	< 2	1.20	2.0	34	100	159	11.60	10	60	0.30	10	0.90	1045
7146	205	226	40	1.4	0.66	46	20	< 0.5	< 2	0.67	1.0	33	151	197	>15.00	10	90	0.28	< 10	0.76	640
7147	205	226	20	0.8	0.85	34	10	< 0.5	< 2	1.09	5.5	26	126	279	>15.00	10	70	0.21	< 10	1.12	835
7148	205	226	30	1.2	0.64	54	20	< 0.5	< 2	1.64	11.0	13	117	243	11.05	10	160	0.27	< 10	0.83	790
7149	205	226	10	0.8	0.69	90	20	< 0.5	< 2	1.04	8.0	18	134	215	11.00	10	160	0.35	10	0.57	480

CERTIFICATION: Stewart Buchler

**ADDITIONAL RESULTS FOR Pb and Zn

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 29-SEP-95
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P.O. Number :
Account :LZV

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CERTIFICATE OF ANALYSIS A9528359

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm	Pb ppm	Zn ppm
6518	205	226	< 1	< 0.01	3	270	2	12	1	24	< 0.01	< 10	< 10	29	< 10	6	-----	-----	-----	-----
6519	205	226	< 1	< 0.01	8	430	2	8	2	29	0.01	< 10	< 10	41	< 10	8	-----	-----	-----	-----
6858	205	226	7	< 0.01	31	350	14	8	2	18	< 0.01	< 10	< 10	20	< 10	130	8	145	10	150
6859	205	226	12	< 0.01	81	240	36	16	2	8	< 0.01	< 10	< 10	20	< 10	476	34	570	36	570
6860	205	226	13	0.01	93	310	30	10	2	23	< 0.01	< 10	< 10	18	< 10	656	35	780	37	740
6861	205	226	9	0.01	81	160	40	8	2	16	< 0.01	< 10	< 10	11	< 10	500	33	510	38	570
6862	205	226	13	0.01	100	160	50	10	2	61	< 0.01	< 10	< 10	21	< 10	834	45	880	48	870
6863	205	226	41	0.01	129	410	66	12	2	33	< 0.01	< 10	10	74	< 10	1320	62	1450	64	1500
6864	205	226	54	0.01	111	460	42	10	2	35	< 0.01	< 10	10	86	< 10	1660	40	1950	43	1950
6865	205	226	54	0.01	151	570	28	8	2	27	< 0.01	< 10	10	85	< 10	1720	23	1980	26	1950
6866	205	226	66	0.01	132	850	54	8	3	31	< 0.01	< 10	10	290	< 10	1450	47	1550	49	1650
6867	205	226	66	0.01	132	1350	52	12	3	45	< 0.01	< 10	20	295	< 10	1530	49	1780	52	1800
6868	205	226	86	< 0.01	235	930	92	12	3	30	< 0.01	< 10	20	330	< 10	1700	85	2000	86	2000
6869	205	226	94	< 0.01	239	740	78	16	2	33	< 0.01	< 10	20	243	< 10	1970	80	2250	82	2400
6874	205	226	78	0.01	218	480	42	12	3	32	< 0.01	< 10	20	315	< 10	1720	40	1900	41	1950
6875	205	226	137	0.01	210	880	44	12	3	30	< 0.01	< 10	40	529	30	1860	52	2180	55	2280
6876	205	226	83	0.01	207	910	24	12	2	32	< 0.01	< 10	20	220	30	1320	34	1750	34	1750
6877	205	226	86	0.01	155	1320	34	12	3	64	< 0.01	< 10	20	257	30	1530	34	2100	34	2050
6878	205	226	41	0.01	139	410	36	8	2	28	< 0.01	< 10	10	114	30	1320	50	1550	53	1730
6879	205	226	116	0.01	190	1510	54	12	2	44	< 0.01	< 10	40	361	40	3180	63	4050	62	3900
6880	205	226	126	0.01	180	1630	32	10	3	36	0.01	< 10	40	518	40	3040	36	4000	37	3850
6881	205	226	122	0.01	223	2270	28	12	3	44	< 0.01	< 10	40	516	40	3100	32	4300	32	3900
6882	205	226	99	0.01	167	2550	24	10	3	59	< 0.01	< 10	40	507	40	1825	28	2250	30	2400
6883	205	226	145	0.01	250	1920	34	14	3	30	0.01	< 10	50	590	40	4140	43	5700	40	4900
7145	205	226	17	0.01	68	500	18	8	2	34	< 0.01	< 10	< 10	42	30	698	16	700	20	740
7146	205	226	9	0.01	79	300	48	12	2	21	< 0.01	< 10	< 10	24	30	392	56	420	60	420
7147	205	226	42	< 0.01	116	570	30	14	2	28	< 0.01	< 10	< 10	147	30	1100	37	1550	36	1480
7148	205	226	78	< 0.01	143	1070	42	8	2	35	< 0.01	< 10	20	240	30	1850	56	2250	60	2500
7149	205	226	61	0.01	159	730	46	10	2	23	< 0.01	< 10	10	155	30	1390	50	1750	50	1800

CERTIFICATION: Ivan Bulic

**ADDITIONAL RESULTS FOR Pb and Zn

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 29-SEP-95
Invoice No. :I9528359
P.O. Number :
Account :LZV

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CERTIFICATE OF ANALYSIS A9528359

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6150	205	226	< 5	0.4	0.54	12	< 10	< 0.5	< 2	5.03	< 0.5	8	144	43	12.05	< 10	20	0.06	< 10	3.16	2450
6152	205	226	< 5	0.2	0.13	28	< 10	< 0.5	< 2	5.63	< 0.5	6	135	28	10.65	< 10	20	0.04	< 10	3.12	3530
6153	205	226	< 5	1.6	0.73	72	30	< 0.5	< 2	3.74	2.0	22	124	138	11.50	< 10	220	0.24	< 10	1.71	3210
6155	205	226	< 5	0.2	0.39	16	20	< 0.5	< 2	1.84	5.0	9	92	88	13.10	< 10	210	0.17	< 10	1.64	2940
6156	205	226	< 5	< 0.2	0.68	8	20	< 0.5	< 2	1.40	0.5	22	97	74	14.25	< 10	70	0.12	< 10	1.81	4060
6158	205	226	< 5	< 0.2	0.32	14	20	< 0.5	< 2	1.52	0.5	9	85	59	12.50	< 10	90	0.15	< 10	1.65	3150
6159	205	226	< 5	< 0.2	1.12	18	30	< 0.5	< 2	1.54	0.5	12	188	97	12.35	< 10	60	0.23	< 10	1.64	3040
6161	205	226	< 5	1.6	0.80	42	30	< 0.5	< 2	2.81	4.5	20	110	350	13.25	< 10	220	0.25	< 10	1.11	890
6315	205	226	< 5	2.2	0.71	76	20	< 0.5	< 2	2.90	6.0	22	78	174	10.80	< 10	500	0.29	< 10	1.03	1265
6316	205	226	< 5	1.4	0.66	24	20	< 0.5	< 2	1.58	6.5	10	71	243	9.78	< 10	350	0.27	< 10	0.60	815
6318	205	226	< 5	2.6	0.85	162	20	< 0.5	< 2	2.44	11.0	17	147	260	10.20	< 10	460	0.22	< 10	1.20	2990
6319	205	226	< 5	3.4	0.79	304	20	< 0.5	< 2	1.78	14.0	14	104	389	10.95	< 10	660	0.26	< 10	0.88	2370
6321	205	226	20	5.4	0.80	58	30	< 0.5	< 2	1.58	17.0	9	84	271	12.45	< 10	790	0.34	< 10	0.88	2840
6322	205	226	30	4.4	0.74	96	30	< 0.5	< 2	1.48	18.0	23	119	299	10.90	< 10	850	0.28	< 10	0.86	2340
6324	205	226	< 5	3.2	0.66	268	30	< 0.5	< 2	1.66	15.0	20	138	341	11.80	< 10	630	0.27	< 10	1.16	4970
6325	205	226	60	5.0	0.80	142	30	< 0.5	< 2	1.20	20.5	19	127	316	12.35	< 10	1360	0.34	< 10	0.54	1300
6327	205	226	30	3.8	0.52	222	20	< 0.5	< 2	1.79	13.0	27	89	326	13.05	< 10	600	0.24	< 10	0.88	2420
6495	205	226	< 5	0.2	1.00	8	20	< 0.5	< 2	1.20	< 0.5	6	167	14	>15.00	< 10	20	0.66	< 10	1.76	>10000
6496	205	226	< 5	2.6	0.63	4	< 10	< 0.5	< 2	1.52	< 0.5	4	102	12	>15.00	< 10	10	0.08	< 10	2.21	>10000
6497	205	226	< 5	< 0.2	0.53	8	< 10	< 0.5	< 2	1.99	< 0.5	6	118	4	14.05	< 10	10	0.01	< 10	2.09	8730
6498	205	226	< 5	< 0.2	0.43	4	< 10	< 0.5	< 2	1.49	< 0.5	5	180	4	11.65	< 10	10	0.01	< 10	1.74	7920
6499	205	226	< 5	< 0.2	0.47	8	< 10	< 0.5	< 2	3.28	< 0.5	4	87	3	>15.00	< 10	10	< 0.01	< 10	2.41	9220
6500	205	226	100	< 0.2	0.72	6	< 10	< 0.5	< 2	3.34	< 0.5	6	82	6	>15.00	< 10	20	0.01	< 10	2.52	8790
6501	205	226	< 5	< 0.2	0.86	14	10	< 0.5	< 2	4.56	< 0.5	7	53	9	>15.00	< 10	10	0.18	< 10	2.80	>10000
6502	205	226	< 5	< 0.2	0.85	2	10	< 0.5	< 2	4.13	< 0.5	6	91	14	11.50	< 10	10	0.42	< 10	2.20	8830
6503	205	226	< 5	< 0.2	0.33	4	< 10	< 0.5	< 2	1.99	< 0.5	5	96	2	>15.00	< 10	10	0.01	< 10	2.32	5930
6504	205	226	< 5	< 0.2	0.11	18	< 10	< 0.5	< 2	7.30	< 0.5	1	52	1	12.80	< 10	10	0.02	< 10	3.59	4080
6505	205	226	< 5	< 0.2	0.14	6	< 10	< 0.5	< 2	2.56	< 0.5	2	91	1	14.50	< 10	20	0.01	< 10	2.65	4090
6506	205	226	< 5	< 0.2	0.13	4	< 10	< 0.5	< 2	0.82	< 0.5	3	90	14	>15.00	< 10	20	0.01	< 10	2.39	5010
6507	205	226	< 5	< 0.2	0.17	12	< 10	< 0.5	< 2	1.19	< 0.5	2	84	1	>15.00	< 10	10	< 0.01	< 10	2.17	6520
6508	205	226	< 5	0.2	0.32	6	< 10	< 0.5	< 2	5.26	< 0.5	3	55	< 1	>15.00	< 10	20	< 0.01	< 10	3.37	5600
6509	205	226	< 5	< 0.2	0.40	2	< 10	< 0.5	< 2	2.61	< 0.5	5	121	3	13.25	< 10	10	< 0.01	< 10	2.05	8570
6510	205	226	< 5	< 0.2	0.21	6	< 10	< 0.5	< 2	3.01	< 0.5	2	106	2	11.20	< 10	10	< 0.01	< 10	2.46	3610
6511	205	226	< 5	< 0.2	0.06	4	< 10	< 0.5	< 2	2.07	< 0.5	1	164	1	8.15	< 10	10	< 0.01	< 10	1.91	1365
6512	205	226	< 5	< 0.2	0.02	10	< 10	< 0.5	< 2	1.24	< 0.5	1	160	< 1	12.10	< 10	10	< 0.01	< 10	2.21	1585
6513	205	226	< 5	< 0.2	0.06	12	< 10	< 0.5	< 2	3.56	< 0.5	2	158	3	8.74	< 10	10	0.01	< 10	2.34	1610
6514	205	226	< 5	< 0.2	0.09	10	< 10	< 0.5	< 2	3.04	< 0.5	2	140	< 1	11.00	< 10	10	< 0.01	< 10	2.48	2260
6515	205	226	< 5	< 0.2	0.13	12	< 10	< 0.5	< 2	6.03	< 0.5	1	85	< 1	9.92	< 10	< 10	0.03	< 10	3.19	2990
6516	205	226	< 5	< 0.2	0.13	8	< 10	< 0.5	< 2	9.45	< 0.5	2	63	3	10.05	< 10	10	0.01	< 10	4.00	4080
6517	205	226	< 5	< 0.2	0.32	4	10	< 0.5	< 2	3.47	< 0.5	4	59	1	14.65	< 10	10	0.03	< 10	2.56	7390

CERTIFICATION: Jan Bucher

**ADDITIONAL RESULTS FOR Pb and Zn

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
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Project : KAN-431
Comments: ATN; M. ROSATELLI

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Certificate Date: 29-SEP-95
Invoice No. :I9528359
P.O. Number :
Account :LZV

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CERTIFICATE OF ANALYSIS A9528359

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm	Pb ppm	Zn ppm
6150	205 226	7	< 0.01	22	340	2	< 2	1	82	< 0.01	< 10	< 10	34	< 10	46	< 1	50	-----	-----
6152	205 226	3	< 0.01	24	240	6	< 2	< 1	86	< 0.01	< 10	< 10	19	< 10	102	< 1	110	-----	-----
6153	205 226	78	< 0.01	105	3290	40	< 2	1	114	< 0.01	< 10	30	223	< 10	306	43	310	-----	-----
6155	205 226	9	< 0.01	33	2360	8	< 2	1	74	< 0.01	< 10	10	33	< 10	628	5	670	-----	-----
6156	205 226	2	< 0.01	23	2250	4	< 2	1	56	< 0.01	< 10	< 10	21	< 10	222	< 1	225	-----	-----
6158	205 226	1	< 0.01	22	2110	6	< 2	1	58	< 0.01	< 10	< 10	11	< 10	276	< 1	305	-----	-----
6159	205 226	4	0.01	34	1970	8	< 2	1	62	< 0.01	< 10	< 10	37	< 10	208	4	210	-----	-----
6161	205 226	25	< 0.01	127	770	30	2	1	65	< 0.01	< 10	10	79	< 10	854	35	940	-----	-----
6315	205 226	18	0.01	108	490	34	4	1	52	< 0.01	< 10	10	45	< 10	876	-----	-----	37	950
6316	205 226	15	0.01	127	260	10	< 2	1	30	< 0.01	< 10	10	26	< 10	1125	-----	-----	7	1300
6318	205 226	53	0.01	114	2290	32	2	1	56	< 0.01	< 10	30	212	< 10	1465	-----	-----	35	1620
6319	205 226	67	0.01	153	1950	44	2	1	40	< 0.01	< 10	30	222	< 10	1850	-----	-----	50	1950
6321	205 226	132	< 0.01	187	2690	70	2	2	44	< 0.01	< 10	60	502	< 10	2220	-----	-----	82	2300
6322	205 226	93	< 0.01	136	2100	50	4	1	41	< 0.01	< 10	40	312	< 10	2400	-----	-----	60	2400
6324	205 226	62	< 0.01	125	2070	42	4	1	47	< 0.01	< 10	30	229	< 10	2010	-----	-----	50	2000
6325	205 226	108	< 0.01	236	1730	84	6	1	42	< 0.01	< 10	50	411	< 10	2790	-----	-----	106	3000
6327	205 226	98	< 0.01	177	2820	76	2	1	54	< 0.01	< 10	40	293	< 10	1650	-----	-----	104	1850
6495	205 226	2	< 0.01	13	480	2	< 2	2	49	0.09	< 10	10	77	< 10	84	-----	-----	-----	-----
6496	205 226	< 1	< 0.01	8	410	< 2	< 2	1	28	0.02	< 10	10	59	< 10	22	-----	-----	-----	-----
6497	205 226	< 1	< 0.01	7	300	2	< 2	1	24	0.01	< 10	< 10	38	< 10	18	-----	-----	-----	-----
6498	205 226	< 1	< 0.01	8	260	< 2	2	1	16	0.01	< 10	< 10	29	< 10	14	-----	-----	-----	-----
6499	205 226	< 1	< 0.01	6	330	< 2	< 2	< 1	37	< 0.01	< 10	10	31	< 10	24	-----	-----	-----	-----
6500	205 226	< 1	< 0.01	7	370	< 2	< 2	1	52	< 0.01	< 10	10	44	< 10	40	-----	-----	-----	-----
6501	205 226	< 1	< 0.01	11	470	< 2	< 2	1	32	0.03	< 10	10	59	< 10	30	-----	-----	-----	-----
6502	205 226	< 1	< 0.01	11	490	2	< 2	1	97	0.07	< 10	< 10	67	< 10	26	-----	-----	-----	-----
6503	205 226	< 1	< 0.01	4	300	2	< 2	< 1	18	< 0.01	< 10	10	29	< 10	104	-----	-----	-----	-----
6504	205 226	< 1	0.01	2	110	< 2	< 2	< 1	67	< 0.01	< 10	10	18	< 10	20	-----	-----	-----	-----
6505	205 226	< 1	< 0.01	3	170	< 2	< 2	< 1	15	< 0.01	< 10	< 10	17	< 10	16	-----	-----	-----	-----
6506	205 226	1	< 0.01	8	210	< 2	< 2	< 1	11	< 0.01	< 10	10	20	< 10	26	-----	-----	-----	-----
6507	205 226	< 1	< 0.01	3	260	< 2	2	< 1	10	< 0.01	< 10	< 10	19	< 10	22	-----	-----	-----	-----
6508	205 226	< 1	< 0.01	2	220	2	2	< 1	37	< 0.01	< 10	10	26	< 10	28	-----	-----	-----	-----
6509	205 226	< 1	< 0.01	5	370	< 2	< 2	< 1	32	< 0.01	< 10	< 10	33	< 10	14	-----	-----	-----	-----
6510	205 226	< 1	< 0.01	6	230	< 2	< 2	< 1	33	< 0.01	< 10	< 10	17	< 10	10	-----	-----	-----	-----
6511	205 226	< 1	< 0.01	6	140	< 2	< 2	< 1	17	< 0.01	< 10	< 10	10	< 10	12	-----	-----	-----	-----
6512	205 226	< 1	< 0.01	4	180	< 2	< 2	< 1	10	< 0.01	< 10	< 10	8	< 10	6	-----	-----	-----	-----
6513	205 226	< 1	< 0.01	8	220	< 2	< 2	< 1	26	0.01	< 10	< 10	10	< 10	6	-----	-----	-----	-----
6514	205 226	< 1	< 0.01	6	130	< 2	< 2	< 1	22	< 0.01	< 10	< 10	17	< 10	6	-----	-----	-----	-----
6515	205 226	< 1	< 0.01	5	170	< 2	< 2	< 1	36	< 0.01	< 10	< 10	12	< 10	6	-----	-----	-----	-----
6516	205 226	< 1	< 0.01	6	770	< 2	< 2	< 1	66	< 0.01	< 10	< 10	12	< 10	12	-----	-----	-----	-----
6517	205 226	< 1	< 0.01	6	530	< 2	< 2	< 1	36	< 0.01	< 10	< 10	26	< 10	18	-----	-----	-----	-----

CERTIFICATION: Stan Buchle

**ADDITIONAL RESULTS FOR Pb and Zn

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : KAN-431
Comments: ATN; M. ROSATELLI

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Invoice No. : I9528359
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Account : LZV

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CERTIFICATE OF ANALYSIS A9528359

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6518	205	226	< 5	< 0.2	0.18	< 2	< 10	< 0.5	< 2	1.72	< 0.5	6	76	12	>15.00	< 10	10	< 0.01	< 10	2.46	7850
6519	205	226	< 5	< 0.2	0.34	< 2	< 10	< 0.5	< 2	2.63	< 0.5	8	80	16	>15.00	10	20	< 0.01	< 10	2.89	8060
6858	205	226	< 5	0.4	0.49	< 2	10	< 0.5	< 2	0.74	< 0.5	24	145	82	12.85	< 10	30	0.20	< 10	1.33	3570
6859	205	226	< 5	1.4	0.74	< 2	20	< 0.5	< 2	0.20	1.5	13	61	208	>15.00	< 10	40	0.25	< 10	0.56	300
6860	205	226	< 5	1.2	0.69	38	20	1.0	< 2	0.84	2.5	21	62	130	12.05	< 10	130	0.36	10	0.56	335
6861	205	226	< 5	0.8	0.60	24	20	1.0	< 2	0.70	1.5	22	39	131	8.46	< 10	120	0.34	10	0.45	255
6862	205	226	< 5	0.4	0.45	66	10	1.5	< 2	3.35	5.0	15	79	92	9.88	< 10	190	0.32	10	1.59	820
6863	205	226	< 5	1.4	0.66	150	20	< 0.5	< 2	1.53	7.5	18	122	139	12.85	< 10	290	0.41	10	0.75	495
6864	205	226	20	1.2	0.60	50	20	1.5	< 2	1.76	9.0	25	99	185	9.46	< 10	210	0.37	10	0.87	695
6865	205	226	20	1.4	0.72	10	20	0.5	< 2	1.13	9.5	12	76	385	12.35	< 10	130	0.40	10	0.57	455
6866	205	226	40	1.4	1.10	42	30	< 0.5	< 2	1.20	8.5	24	128	255	13.60	< 10	150	0.41	10	0.72	485
6867	205	226	30	0.8	1.11	52	20	< 0.5	< 2	1.94	9.0	18	112	297	13.40	< 10	150	0.28	< 10	1.03	800
6868	205	226	20	1.0	0.95	200	20	< 0.5	< 2	1.61	10.5	17	137	330	14.45	< 10	280	0.30	< 10	0.80	600
6869	205	226	30	1.0	0.59	260	20	< 0.5	< 2	1.65	12.0	19	158	140	14.85	< 10	410	0.30	< 10	0.83	500
6874	205	226	20	0.4	0.87	140	20	< 0.5	< 2	1.95	12.0	17	165	250	12.65	< 10	290	0.32	< 10	0.96	435
6875	205	226	30	0.6	0.92	118	20	< 0.5	< 2	1.56	14.0	18	117	199	12.40	10	580	0.30	< 10	0.83	475
6876	205	226	30	0.8	0.59	30	20	< 0.5	< 2	1.67	9.0	15	99	308	11.90	10	200	0.29	< 10	0.84	585
6877	205	226	30	0.6	0.73	42	20	< 0.5	< 2	3.08	9.5	13	114	247	11.20	10	220	0.28	< 10	1.44	1380
6878	205	226	30	1.4	0.81	80	20	< 0.5	< 2	1.27	8.0	17	80	128	10.15	10	250	0.31	< 10	0.72	665
6879	205	226	50	2.4	0.64	96	20	< 0.5	< 2	1.74	19.5	21	112	218	12.30	10	390	0.26	< 10	0.88	1210
6880	205	226	20	1.4	0.93	46	20	< 0.5	< 2	1.45	19.0	21	134	303	11.90	10	370	0.35	< 10	1.00	1545
6881	205	226	20	0.8	0.90	8	20	< 0.5	< 2	1.78	20.5	12	117	378	13.05	10	320	0.36	< 10	1.16	2050
6882	205	226	10	0.8	0.74	20	20	< 0.5	< 2	2.64	12.5	18	150	386	12.35	10	170	0.30	< 10	1.63	3280
6883	205	226	20	1.8	0.84	40	30	< 0.5	< 2	0.97	29.0	28	194	487	14.95	10	330	0.45	< 10	0.70	1300
7145	205	226	< 5	1.0	0.63	2	10	< 0.5	< 2	1.20	2.0	34	100	159	11.60	10	60	0.30	10	0.90	1045
7146	205	226	40	1.4	0.66	46	20	< 0.5	< 2	0.67	1.0	33	151	197	>15.00	10	90	0.28	< 10	0.76	640
7147	205	226	20	0.8	0.85	34	10	< 0.5	< 2	1.09	5.5	26	126	279	>15.00	10	70	0.21	< 10	1.12	835
7148	205	226	30	1.2	0.64	54	20	< 0.5	< 2	1.64	11.0	13	117	243	11.05	10	160	0.27	< 10	0.83	790
7149	205	226	10	0.8	0.69	90	20	< 0.5	< 2	1.04	8.0	18	134	215	11.00	10	160	0.35	10	0.57	480

CERTIFICATION: Stewart Bachman

**ADDITIONAL RESULTS FOR Pb and Zn

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : KAN-431
Comments: ATN; M. ROSATELLI

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P.O. Number :
Account :LZV

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CERTIFICATE OF ANALYSIS A9528359

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm	Pb ppm	Zn ppm
6518	205	226	< 1	< 0.01	3	270	2	12	1	24	< 0.01	< 10	< 10	29	< 10	6	-----	-----	-----	-----
6519	205	226	< 1	< 0.01	8	430	2	8	2	29	0.01	< 10	< 10	41	< 10	8	-----	-----	-----	-----
6858	205	226	7	< 0.01	31	350	14	8	2	18	< 0.01	< 10	< 10	20	< 10	130	8	145	10	150
6859	205	226	12	< 0.01	81	240	36	16	2	8	< 0.01	< 10	< 10	20	< 10	476	34	570	36	570
6860	205	226	13	0.01	93	310	30	10	2	23	< 0.01	< 10	< 10	18	< 10	656	35	780	37	740
6861	205	226	9	0.01	81	160	40	8	2	16	< 0.01	< 10	< 10	11	< 10	500	33	510	38	570
6862	205	226	13	0.01	100	160	50	10	2	61	< 0.01	< 10	< 10	21	< 10	834	45	880	48	870
6863	205	226	41	0.01	129	410	66	12	2	33	< 0.01	< 10	10	74	< 10	1320	62	1450	64	1500
6864	205	226	54	0.01	111	460	42	10	2	35	< 0.01	< 10	10	86	< 10	1660	40	1950	43	1950
6865	205	226	54	0.01	151	570	28	8	2	27	< 0.01	< 10	10	85	< 10	1720	23	1980	26	1950
6866	205	226	66	0.01	132	850	54	8	3	31	< 0.01	< 10	10	290	< 10	1450	47	1550	49	1650
6867	205	226	66	0.01	132	1350	52	12	3	45	< 0.01	< 10	20	295	< 10	1530	49	1780	52	1800
6868	205	226	86	< 0.01	235	930	92	12	3	30	< 0.01	< 10	20	330	< 10	1700	85	2000	86	2000
6869	205	226	94	< 0.01	239	740	78	16	2	33	< 0.01	< 10	20	243	< 10	1970	80	2250	82	2400
6874	205	226	78	0.01	218	480	42	12	3	32	< 0.01	< 10	20	315	< 10	1720	40	1900	41	1950
6875	205	226	137	0.01	210	880	44	12	3	30	< 0.01	< 10	40	529	30	1860	52	2180	55	2280
6876	205	226	83	0.01	207	910	24	12	2	32	< 0.01	< 10	20	220	30	1320	34	1750	34	1750
6877	205	226	86	0.01	155	1320	34	12	3	64	< 0.01	< 10	20	257	30	1530	34	2100	34	2050
6878	205	226	41	0.01	139	410	36	8	2	28	< 0.01	< 10	10	114	30	1320	50	1550	53	1730
6879	205	226	116	0.01	190	1510	54	12	2	44	< 0.01	< 10	40	361	40	3180	63	4050	62	3900
6880	205	226	126	0.01	180	1630	32	10	3	36	0.01	< 10	40	518	40	3040	36	4000	37	3850
6881	205	226	122	0.01	223	2270	28	12	3	44	< 0.01	< 10	40	516	40	3100	32	4300	32	3900
6882	205	226	99	0.01	167	2550	24	10	3	59	< 0.01	< 10	40	507	40	1825	28	2250	30	2400
6883	205	226	145	0.01	250	1920	34	14	3	30	0.01	< 10	50	590	40	4140	43	5700	40	4900
7145	205	226	17	0.01	68	500	18	8	2	34	< 0.01	< 10	< 10	42	30	698	16	700	20	740
7146	205	226	9	0.01	79	300	48	12	2	21	< 0.01	< 10	< 10	24	30	392	56	420	60	420
7147	205	226	42	< 0.01	116	570	30	14	2	28	< 0.01	< 10	< 10	147	30	1100	37	1550	36	1480
7148	205	226	78	< 0.01	143	1070	42	8	2	35	< 0.01	< 10	20	240	30	1850	56	2250	60	2500
7149	205	226	61	0.01	159	730	46	10	2	23	< 0.01	< 10	10	155	30	1390	50	1750	50	1800

CERTIFICATION: Ian Bickle

**ADDITIONAL RESULTS FOR Pb and Zn

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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A9528360

Comments: ATN; M. ROSATELLI

CERTIFICATE A9528360

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. #:

Samples submitted to our lab in Mississauga, ON.
This report was printed on 29-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	54	Geochem ring to approx 150 mesh
226	54	0-3 Kg crush and split
3202	54	Rock - save entire reject
229	54	ICP - AQ Digestion charge
238	54	Nitric-aqua-regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	54	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	54	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	54	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	54	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	54	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	54	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	54	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	54	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	54	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	54	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	54	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	54	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	54	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	54	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	54	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	54	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	54	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	54	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	54	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	54	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	54	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	54	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	54	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	54	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	54	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	54	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	54	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	54	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	54	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	54	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	54	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	54	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	54	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	54	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	54	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

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Analytical Chemists * Geochemists * Registered Assayers

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Project : KAN-431
Comments: ATN; M. ROSATELLI

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Invoice No. :I9528360
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9528360

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6126	205	226	10	1.4	0.35	12	20	< 0.5	< 2	2.64	13.0	13	135	280	11.55	10	470	0.22	< 10	1.47	1945
7166	205	226	< 5	1.4	0.39	12	20	< 0.5	< 2	2.67	13.0	12	139	280	11.65	10	280	0.25	< 10	1.48	1965
7167	205	226	< 5	1.0	0.66	120	20	< 0.5	< 2	1.29	13.5	15	99	249	10.70	10	240	0.32	< 10	0.54	520
7168	205	226	< 5	0.4	0.24	272	10	< 0.5	< 2	1.48	7.5	16	81	85	13.20	10	270	0.20	< 10	0.74	330
7169	205	226	< 5	0.8	0.43	200	10	< 0.5	< 2	0.71	10.5	19	73	180	13.25	10	230	0.26	< 10	0.35	295
7170	205	226	20	0.6	0.25	190	10	< 0.5	< 2	2.08	5.0	13	96	114	11.55	10	230	0.22	< 10	0.96	355
7171	205	226	10	0.4	0.20	140	10	< 0.5	< 2	5.02	5.5	12	71	101	10.80	< 10	160	0.17	< 10	2.41	710
7172	205	226	20	0.4	0.33	120	10	< 0.5	< 2	3.46	7.0	14	75	82	10.70	10	160	0.22	< 10	1.62	545
7173	205	226	10	0.8	0.71	54	10	< 0.5	< 2	0.91	3.0	19	57	143	9.47	10	70	0.31	10	0.57	175
7174	205	226	< 5	1.0	0.42	34	10	< 0.5	< 2	1.39	1.5	20	42	96	7.76	< 10	130	0.25	< 10	0.68	290
7175	205	226	20	0.4	0.39	80	10	< 0.5	< 2	2.45	3.5	16	59	152	10.30	< 10	160	0.20	< 10	1.30	825
7176	205	226	40	0.8	0.41	150	10	< 0.5	< 2	2.14	9.5	17	62	171	12.00	10	190	0.23	< 10	1.12	445
7177	205	226	20	0.6	0.60	62	10	< 0.5	< 2	1.90	12.0	13	67	262	12.50	10	430	0.25	< 10	0.99	435
7178	205	226	20	0.6	0.70	38	20	< 0.5	< 2	1.65	14.0	16	71	320	13.00	10	220	0.27	< 10	0.89	425
7179	205	226	< 5	0.6	0.63	54	10	< 0.5	< 2	2.08	6.0	18	95	156	11.05	< 10	180	0.28	< 10	1.08	775
7180	205	226	30	2.0	0.84	90	20	< 0.5	< 2	2.22	12.0	24	86	224	12.85	10	330	0.30	< 10	1.12	1290
7181	205	226	20	1.6	0.82	110	20	< 0.5	< 2	0.95	12.0	25	82	140	11.90	10	350	0.29	< 10	0.68	515
10000	205	226	< 5	0.8	0.45	< 2	10	< 0.5	< 2	0.45	1.5	18	41	92	9.32	< 10	110	0.25	10	0.30	135
10001	205	226	40	0.4	0.43	44	10	< 0.5	< 2	0.96	3.0	25	45	74	10.00	< 10	280	0.25	< 10	0.54	255
10002	205	226	30	0.4	0.47	26	10	< 0.5	< 2	1.11	1.5	15	43	100	9.19	< 10	160	0.22	10	0.67	340
10003	205	226	90	0.6	0.69	90	20	< 0.5	< 2	0.94	3.5	19	65	145	14.30	10	310	0.29	10	0.70	355
10004	205	226	140	1.4	0.64	100	20	< 0.5	< 2	0.22	3.0	26	42	125	>15.00	10	370	0.30	10	0.34	135
10005	205	226	30	0.4	0.67	2	10	< 0.5	< 2	0.63	3.0	17	51	276	>15.00	10	160	0.14	< 10	0.84	720
10006	205	226	160	1.4	0.50	104	10	< 0.5	< 2	0.41	0.5	41	44	104	>15.00	10	280	0.23	10	0.43	205
10007	205	226	20	0.8	0.43	8	10	< 0.5	< 2	1.74	5.0	10	54	125	9.14	10	270	0.21	< 10	1.00	725
10008	205	226	20	0.6	0.39	42	10	< 0.5	< 2	2.44	2.0	14	40	66	7.74	< 10	270	0.20	< 10	1.42	630
10009	205	226	< 5	0.8	0.54	2	10	< 0.5	< 2	0.38	2.0	13	49	122	10.15	< 10	150	0.24	< 10	0.33	180
10010	205	226	< 5	0.8	0.53	< 2	10	< 0.5	< 2	0.42	2.0	17	40	128	12.45	< 10	110	0.20	< 10	0.49	325
10011	205	226	< 5	1.2	0.46	< 2	10	< 0.5	< 2	0.17	3.0	23	40	265	>15.00	10	240	0.18	< 10	0.38	165
10012	205	226	10	1.0	0.85	34	10	< 0.5	< 2	0.11	2.0	27	38	151	14.05	10	250	0.18	10	0.55	120
10013	205	226	30	1.2	0.81	110	10	< 0.5	< 2	0.31	3.0	21	65	145	14.85	10	370	0.19	< 10	0.57	205
10014	205	226	20	1.2	0.53	130	10	< 0.5	< 2	0.59	3.0	21	59	127	14.95	10	350	0.18	< 10	0.53	225
10015	205	226	< 5	1.0	0.60	38	10	< 0.5	< 2	0.49	1.0	20	33	103	7.72	< 10	190	0.29	< 10	0.34	130
10016	205	226	< 5	0.6	0.66	16	10	< 0.5	< 2	1.26	1.5	15	47	165	6.66	< 10	110	0.24	< 10	0.76	275
10017	205	226	< 5	0.6	0.64	42	10	< 0.5	< 2	1.14	1.0	17	53	174	7.96	< 10	170	0.25	< 10	0.72	295
10018	205	226	< 5	1.0	0.56	210	10	< 0.5	< 2	0.61	8.0	22	70	90	9.20	< 10	660	0.26	< 10	0.41	230
10019	205	226	10	0.8	0.85	170	20	< 0.5	< 2	0.83	18.5	17	77	256	12.90	10	800	0.25	< 10	0.45	440
10020	205	226	< 5	0.6	0.76	84	10	< 0.5	< 2	2.41	13.5	9	70	262	11.50	10	430	0.17	< 10	1.39	2490
10021	205	226	< 5	0.8	1.12	410	< 10	< 0.5	< 2	1.63	8.5	9	78	295	12.90	10	230	0.07	< 10	1.56	2280
10022	205	226	< 5	0.4	0.86	122	< 10	< 0.5	< 2	2.43	8.0	12	78	254	12.80	10	230	0.07	< 10	1.74	3280

CERTIFICATION: Ian Buchler

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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6126	205 226	117	0.01	227	1800	42	12	2	63	< 0.01	< 10	30	289	40	2050	55	2750
7166	205 226	117	0.01	231	1820	38	12	2	63	< 0.01	< 10	30	326	40	2070	72	2900
7167	205 226	111	< 0.01	208	1150	62	8	2	26	< 0.01	< 10	30	392	30	2230	80	2050
7168	205 226	48	< 0.01	154	300	70	14	1	24	< 0.01	< 10	< 10	76	30	1225	72	2400
7169	205 226	93	< 0.01	213	710	74	12	2	15	< 0.01	< 10	20	231	30	1780	86	1450
7170	205 226	35	0.01	110	270	62	8	1	32	< 0.01	< 10	< 10	37	30	846	65	920
7171	205 226	18	0.01	101	150	42	10	2	76	< 0.01	< 10	< 10	25	40	916	45	1050
7172	205 226	20	0.01	106	200	46	8	2	47	< 0.01	< 10	< 10	25	40	1075	52	1200
7173	205 226	12	0.01	103	160	36	8	2	16	< 0.01	< 10	< 10	18	20	612	44	710
7174	205 226	9	0.01	69	170	32	6	1	23	< 0.01	< 10	< 10	10	20	378	34	405
7175	205 226	15	< 0.01	87	160	32	8	2	43	< 0.01	< 10	< 10	21	30	722	36	840
7176	205 226	55	< 0.01	190	430	64	12	2	32	< 0.01	< 10	10	114	40	1385	36	1750
7177	205 226	68	< 0.01	181	620	32	14	2	32	< 0.01	< 10	10	177	40	1400	75	1650
7178	205 226	102	< 0.01	179	840	34	8	2	29	< 0.01	< 10	20	261	40	1535	34	1750
7179	205 226	24	0.01	121	500	26	8	2	37	< 0.01	< 10	< 10	68	30	906	28	960
7180	205 226	97	0.01	165	1160	58	12	3	49	< 0.01	< 10	30	326	40	1865	52	2000
7181	205 226	75	0.01	129	480	44	12	2	23	< 0.01	< 10	20	198	30	1860	52	2150
10000	205 226	14	< 0.01	62	280	8	10	2	14	< 0.01	< 10	< 10	17	20	552	10	560
10001	205 226	15	0.01	72	200	34	10	1	26	< 0.01	< 10	< 10	16	20	770	34	870
10002	205 226	8	0.01	84	270	20	10	2	30	< 0.01	< 10	< 10	11	20	552	20	620
10003	205 226	13	0.01	107	240	58	18	2	29	< 0.01	< 10	< 10	28	30	1020	62	1200
10004	205 226	15	0.01	103	190	84	20	2	9	< 0.01	< 10	< 10	24	20	816	95	940
10005	205 226	11	< 0.01	80	200	36	18	2	22	< 0.01	< 10	< 10	24	40	822	38	1000
10006	205 226	15	< 0.01	94	130	94	22	1	17	< 0.01	< 10	< 10	17	30	324	107	345
10007	205 226	34	< 0.01	81	640	16	10	2	38	< 0.01	< 10	10	42	30	1215	15	1450
10008	205 226	10	0.01	73	160	30	12	2	49	< 0.01	< 10	< 10	15	30	568	34	640
10009	205 226	12	< 0.01	72	430	18	8	2	11	< 0.01	< 10	< 10	15	20	670	15	710
10010	205 226	12	< 0.01	66	330	12	10	2	16	< 0.01	< 10	< 10	15	20	676	15	760
10011	205 226	16	< 0.01	95	190	44	20	2	7	< 0.01	< 10	< 10	16	30	984	56	1200
10012	205 226	21	< 0.01	78	170	42	16	2	4	< 0.01	< 10	< 10	29	20	702	42	800
10013	205 226	17	< 0.01	100	160	48	12	2	12	< 0.01	< 10	< 10	27	30	872	57	1000
10014	205 226	14	< 0.01	99	140	44	14	1	20	< 0.01	< 10	< 10	20	30	854	56	1050
10015	205 226	12	0.01	102	340	26	12	2	11	< 0.01	< 10	< 10	14	10	492	25	530
10016	205 226	10	0.01	70	290	8	6	2	25	< 0.01	< 10	< 10	12	20	472	9	530
10017	205 226	8	0.01	80	210	18	10	2	25	< 0.01	< 10	< 10	12	20	304	20	325
10018	205 226	35	0.01	147	350	38	12	2	13	< 0.01	< 10	10	81	20	1160	43	1300
10019	205 226	128	0.01	217	520	30	16	2	27	< 0.01	< 10	30	517	30	2790	40	3350
10020	205 226	105	< 0.01	187	1870	18	8	2	45	< 0.01	< 10	30	493	40	1975	24	2800
10021	205 226	115	< 0.01	136	2570	34	16	3	35	< 0.01	< 10	40	682	40	1085	46	1300
10022	205 226	99	< 0.01	135	2620	34	16	2	45	< 0.01	< 10	30	609	40	1115	37	1400

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 29-SEP-95
Invoice No. : I9528360
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9528360

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
10023	205	226	10	0.4	0.80	56	< 10	< 0.5	< 2	2.52	8.0	14	86	368	11.30	10	230	0.07	< 10	1.71	3200
10024	205	226	30	0.6	0.54	178	10	< 0.5	< 2	2.16	10.5	18	70	184	12.00	10	810	0.17	< 10	1.21	1130
10025	205	226	60	0.8	0.49	150	10	< 0.5	< 2	1.05	6.0	15	64	129	11.60	10	800	0.23	< 10	0.59	275
10026	205	226	40	1.0	0.62	150	20	< 0.5	< 2	1.34	8.5	17	72	166	12.30	10	820	0.25	< 10	0.69	545
10027	205	226	< 5	< 0.2	0.69	< 2	10	< 0.5	< 2	2.01	2.0	18	75	192	12.95	10	70	0.14	< 10	1.98	2900
10028	205	226	< 5	< 0.2	0.37	< 2	20	< 0.5	< 2	1.39	7.5	14	79	191	11.30	10	340	0.23	10	1.34	2220
10029	205	226	< 5	0.4	0.51	< 2	20	< 0.5	< 2	1.14	9.0	15	68	197	9.69	10	260	0.20	< 10	0.93	1095
10030	205	226	< 5	0.8	0.55	< 2	10	< 0.5	< 2	0.76	5.5	19	43	139	9.04	< 10	240	0.24	10	0.52	365
10031	205	226	80	1.8	0.42	150	10	< 0.5	< 2	2.53	10.5	23	47	66	10.00	10	990	0.23	< 10	1.43	1240
10032	205	226	60	1.2	0.54	60	10	< 0.5	< 2	2.83	8.5	16	52	133	11.25	10	660	0.24	< 10	1.52	1230
10033	205	226	< 5	0.8	0.61	50	10	< 0.5	< 2	0.91	9.5	16	70	126	10.90	< 10	470	0.22	< 10	0.74	330
10034	205	226	< 5	0.2	0.54	2	20	< 0.5	< 2	1.47	1.0	14	62	303	>15.00	10	30	0.12	< 10	1.84	1735
10035	205	226	< 5	< 0.2	0.07	12	20	< 0.5	< 2	1.56	3.5	11	58	89	>15.00	10	30	0.15	< 10	2.08	3020
10036	205	226	< 5	< 0.2	0.07	68	20	< 0.5	< 2	1.20	1.0	10	50	83	14.45	10	20	0.14	< 10	2.01	2630

CERTIFICATION: David Buchler

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 29-SEP-95
Invoice No. : I9528360
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9528360

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
10023	205	226	75	< 0.01	153	2110	20	14	2	45	< 0.01	< 10	30	473	40	1180	24	1550
10024	205	226	53	< 0.01	133	1010	48	12	2	45	< 0.01	< 10	10	166	40	1730	60	2250
10025	205	226	28	0.01	122	280	56	16	1	23	< 0.01	< 10	< 10	39	30	1070	65	1200
10026	205	226	89	< 0.01	179	890	62	14	2	32	< 0.01	< 10	20	187	40	1470	70	1650
10027	205	226	16	< 0.01	82	1900	14	8	2	53	< 0.01	< 10	< 10	103	40	348	9	410
10028	205	226	18	0.01	64	1530	8	12	2	39	< 0.01	< 10	10	65	40	1030	15	1650
10029	205	226	21	< 0.01	88	1540	14	12	1	32	< 0.01	< 10	< 10	76	20	1405	10	1300
10030	205	226	30	0.01	95	440	28	4	1	23	< 0.01	< 10	< 10	28	20	972	28	1100
10031	205	226	84	0.01	143	560	164	10	2	41	< 0.01	< 10	20	209	30	2030	185	2400
10032	205	226	44	0.01	143	580	104	14	2	59	< 0.01	< 10	10	145	40	1615	122	1950
10033	205	226	41	< 0.01	108	600	136	10	2	29	< 0.01	< 10	10	71	20	1390	140	1400
10034	205	226	14	< 0.01	77	1960	22	10	2	57	< 0.01	< 10	< 10	41	40	194	17	220
10035	205	226	2	< 0.01	25	2280	8	12	2	62	< 0.01	< 10	< 10	13	40	354	6	435
10036	205	226	1	0.01	23	1910	12	14	2	54	< 0.01	< 10	< 10	10	40	242	5	290

CERTIFICATION:_____

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 29-SEP-95
Invoice No. :I9528360
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9528360

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6126	205	226	10	1.4	0.35	12	20	< 0.5	< 2	2.64	13.0	13	135	280	11.55	10	470	0.22	< 10	1.47	1945
7166	205	226	< 5	1.4	0.39	12	20	< 0.5	< 2	2.67	13.0	12	139	280	11.65	10	280	0.25	< 10	1.48	1965
7167	205	226	< 5	1.0	0.66	120	20	< 0.5	< 2	1.29	13.5	15	99	249	10.70	10	240	0.32	< 10	0.54	520
7168	205	226	< 5	0.4	0.24	272	10	< 0.5	< 2	1.48	7.5	16	81	85	13.20	10	270	0.20	< 10	0.74	330
7169	205	226	< 5	0.8	0.43	200	10	< 0.5	< 2	0.71	10.5	19	73	180	13.25	10	230	0.26	< 10	0.35	295
7170	205	226	20	0.6	0.25	190	10	< 0.5	< 2	2.08	5.0	13	96	114	11.55	10	230	0.22	< 10	0.96	355
7171	205	226	10	0.4	0.20	140	10	< 0.5	< 2	5.02	5.5	12	71	101	10.80	< 10	160	0.17	< 10	2.41	710
7172	205	226	20	0.4	0.33	120	10	< 0.5	< 2	3.46	7.0	14	75	82	10.70	10	160	0.22	< 10	1.62	545
7173	205	226	10	0.8	0.71	54	10	< 0.5	< 2	0.91	3.0	19	57	143	9.47	10	70	0.31	10	0.57	175
7174	205	226	< 5	1.0	0.42	34	10	< 0.5	< 2	1.39	1.5	20	42	96	7.76	< 10	130	0.25	< 10	0.68	290
7175	205	226	20	0.4	0.39	80	10	< 0.5	< 2	2.45	3.5	16	59	152	10.30	< 10	160	0.20	< 10	1.30	825
7176	205	226	40	0.8	0.41	150	10	< 0.5	< 2	2.14	9.5	17	62	171	12.00	10	190	0.23	< 10	1.12	445
7177	205	226	20	0.6	0.60	62	10	< 0.5	< 2	1.90	12.0	13	67	262	12.50	10	430	0.25	< 10	0.99	435
7178	205	226	20	0.6	0.70	38	20	< 0.5	< 2	1.65	14.0	16	71	320	13.00	10	220	0.27	< 10	0.89	425
7179	205	226	< 5	0.6	0.63	54	10	< 0.5	< 2	2.08	6.0	18	95	156	11.05	< 10	180	0.28	< 10	1.08	775
7180	205	226	30	2.0	0.84	90	20	< 0.5	< 2	2.22	12.0	24	86	224	12.85	10	330	0.30	< 10	1.12	1290
7181	205	226	20	1.6	0.82	110	20	< 0.5	< 2	0.95	12.0	25	82	140	11.90	10	350	0.29	< 10	0.68	515
10000	205	226	< 5	0.8	0.45	< 2	10	< 0.5	< 2	0.45	1.5	18	41	92	9.32	< 10	110	0.25	10	0.30	135
10001	205	226	40	0.4	0.43	44	10	< 0.5	< 2	0.96	3.0	25	45	74	10.00	< 10	280	0.25	< 10	0.54	255
10002	205	226	30	0.4	0.47	26	10	< 0.5	< 2	1.11	1.5	15	43	100	9.19	< 10	160	0.22	10	0.67	340
10003	205	226	90	0.6	0.69	90	20	< 0.5	< 2	0.94	3.5	19	65	145	14.30	10	310	0.29	10	0.70	355
10004	205	226	140	1.4	0.64	100	20	< 0.5	< 2	0.22	3.0	26	42	125	>15.00	10	370	0.30	10	0.34	135
10005	205	226	30	0.4	0.67	2	10	< 0.5	< 2	0.63	3.0	17	51	276	>15.00	10	160	0.14	< 10	0.84	720
10006	205	226	160	1.4	0.50	104	10	< 0.5	< 2	0.41	0.5	41	44	104	>15.00	10	280	0.23	10	0.43	205
10007	205	226	20	0.8	0.43	8	10	< 0.5	< 2	1.74	5.0	10	54	125	9.14	10	270	0.21	< 10	1.00	725
10008	205	226	20	0.6	0.39	42	10	< 0.5	< 2	2.44	2.0	14	40	66	7.74	< 10	270	0.20	< 10	1.42	630
10009	205	226	< 5	0.8	0.54	2	10	< 0.5	< 2	0.38	2.0	13	49	122	10.15	< 10	150	0.24	< 10	0.33	180
10010	205	226	< 5	0.8	0.53	< 2	10	< 0.5	< 2	0.42	2.0	17	40	128	12.45	< 10	110	0.20	< 10	0.49	325
10011	205	226	< 5	1.2	0.46	< 2	10	< 0.5	< 2	0.17	3.0	23	40	265	>15.00	10	240	0.18	< 10	0.38	165
10012	205	226	10	1.0	0.85	34	10	< 0.5	< 2	0.11	2.0	27	38	151	14.05	10	250	0.18	10	0.55	120
10013	205	226	30	1.2	0.81	110	10	< 0.5	< 2	0.31	3.0	21	65	145	14.85	10	370	0.19	< 10	0.57	205
10014	205	226	20	1.2	0.53	130	10	< 0.5	< 2	0.59	3.0	21	59	127	14.95	10	350	0.18	< 10	0.53	225
10015	205	226	< 5	1.0	0.60	38	10	< 0.5	< 2	0.49	1.0	20	33	103	7.72	< 10	190	0.29	< 10	0.34	130
10016	205	226	< 5	0.6	0.66	16	10	< 0.5	< 2	1.26	1.5	15	47	165	6.66	< 10	110	0.24	< 10	0.76	275
10017	205	226	< 5	0.6	0.64	42	10	< 0.5	< 2	1.14	1.0	17	53	174	7.96	< 10	170	0.25	< 10	0.72	295
10018	205	226	< 5	1.0	0.56	210	10	< 0.5	< 2	0.61	8.0	22	70	90	9.20	< 10	660	0.26	< 10	0.41	230
10019	205	226	10	0.8	0.85	170	20	< 0.5	< 2	0.83	18.5	17	77	256	12.90	10	800	0.25	< 10	0.45	440
10020	205	226	< 5	0.6	0.76	84	10	< 0.5	< 2	2.41	13.5	9	70	262	11.50	10	430	0.17	< 10	1.39	2490
10021	205	226	< 5	0.8	1.12	410	< 10	< 0.5	< 2	1.63	8.5	9	78	295	12.90	10	230	0.07	< 10	1.56	2280
10022	205	226	< 5	0.4	0.86	122	< 10	< 0.5	< 2	2.43	8.0	12	78	254	12.80	10	230	0.07	< 10	1.74	3280

CERTIFICATION: Stan Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 2
Certificate Date: 29-SEP-95
Invoice No. : I9528360
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Account : LZV

CERTIFICATE OF ANALYSIS A9528360

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6126	205	226	117	0.01	227	1800	42	12	2	63	< 0.01	< 10	30	289	40	2050	55	2750
7166	205	226	117	0.01	231	1820	38	12	2	63	< 0.01	< 10	30	326	40	2070	72	2900
7167	205	226	111	< 0.01	208	1150	62	8	2	26	< 0.01	< 10	30	392	30	2230	80	2050
7168	205	226	48	< 0.01	154	300	70	14	1	24	< 0.01	< 10	< 10	76	30	1225	72	2400
7169	205	226	93	< 0.01	213	710	74	12	2	15	< 0.01	< 10	20	231	30	1780	86	1450
7170	205	226	35	0.01	110	270	62	8	1	32	< 0.01	< 10	< 10	37	30	846	65	920
7171	205	226	18	0.01	101	150	42	10	2	76	< 0.01	< 10	< 10	25	40	916	45	1050
7172	205	226	20	0.01	106	200	46	8	2	47	< 0.01	< 10	< 10	25	40	1075	52	1200
7173	205	226	12	0.01	103	160	36	8	2	16	< 0.01	< 10	< 10	18	20	612	44	710
7174	205	226	9	0.01	69	170	32	6	1	23	< 0.01	< 10	< 10	10	20	378	34	405
7175	205	226	15	< 0.01	87	160	32	8	2	43	< 0.01	< 10	< 10	21	30	722	36	840
7176	205	226	55	< 0.01	190	430	64	12	2	32	< 0.01	< 10	10	114	40	1385	36	1750
7177	205	226	68	< 0.01	181	620	32	14	2	32	< 0.01	< 10	10	177	40	1400	75	1650
7178	205	226	102	< 0.01	179	840	34	8	2	29	< 0.01	< 10	20	261	40	1535	34	1750
7179	205	226	24	0.01	121	500	26	8	2	37	< 0.01	< 10	< 10	68	30	906	28	960
7180	205	226	97	0.01	165	1160	58	12	3	49	< 0.01	< 10	30	326	40	1865	52	2000
7181	205	226	75	0.01	129	480	44	12	2	23	< 0.01	< 10	20	198	30	1860	52	2150
10000	205	226	14	< 0.01	62	280	8	10	2	14	< 0.01	< 10	< 10	17	20	552	10	560
10001	205	226	15	0.01	72	200	34	10	1	26	< 0.01	< 10	< 10	16	20	770	34	870
10002	205	226	8	0.01	84	270	20	10	2	30	< 0.01	< 10	< 10	11	20	552	20	620
10003	205	226	13	0.01	107	240	58	18	2	29	< 0.01	< 10	< 10	28	30	1020	62	1200
10004	205	226	15	0.01	103	190	84	20	2	9	< 0.01	< 10	< 10	24	20	816	95	940
10005	205	226	11	< 0.01	80	200	36	18	2	22	< 0.01	< 10	< 10	24	40	822	38	1000
10006	205	226	15	< 0.01	94	130	94	22	1	17	< 0.01	< 10	< 10	17	30	324	107	345
10007	205	226	34	< 0.01	81	640	16	10	2	38	< 0.01	< 10	10	42	30	1215	15	1450
10008	205	226	10	0.01	73	160	30	12	2	49	< 0.01	< 10	< 10	15	30	568	34	640
10009	205	226	12	< 0.01	72	430	18	8	2	11	< 0.01	< 10	< 10	15	20	670	15	710
10010	205	226	12	< 0.01	66	330	12	10	2	16	< 0.01	< 10	< 10	15	20	676	15	760
10011	205	226	16	< 0.01	95	190	44	20	2	7	< 0.01	< 10	< 10	16	30	984	56	1200
10012	205	226	21	< 0.01	78	170	42	16	2	4	< 0.01	< 10	< 10	29	20	702	42	800
10013	205	226	17	< 0.01	100	160	48	12	2	12	< 0.01	< 10	< 10	27	30	872	57	1000
10014	205	226	14	< 0.01	99	140	44	14	1	20	< 0.01	< 10	< 10	20	30	854	56	1050
10015	205	226	12	0.01	102	340	26	12	2	11	< 0.01	< 10	< 10	14	10	492	25	530
10016	205	226	10	0.01	70	290	8	6	2	25	< 0.01	< 10	< 10	12	20	472	9	530
10017	205	226	8	0.01	80	210	18	10	2	25	< 0.01	< 10	< 10	12	20	304	20	325
10018	205	226	35	0.01	147	350	38	12	2	13	< 0.01	< 10	10	81	20	1160	43	1300
10019	205	226	128	0.01	217	520	30	16	2	27	< 0.01	< 10	30	517	30	2790	40	3350
10020	205	226	105	< 0.01	187	1870	18	8	2	45	< 0.01	< 10	30	493	40	1975	24	2800
10021	205	226	115	< 0.01	136	2570	34	16	3	35	< 0.01	< 10	40	682	40	1085	46	1300
10022	205	226	99	< 0.01	135	2620	34	16	2	45	< 0.01	< 10	30	609	40	1115	37	1400

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :2-A
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Certificate Date: 29-SEP-95
Invoice No. :I9528360
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9528360

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
10023	205	226	10	0.4	0.80	56	< 10	< 0.5	< 2	2.52	8.0	14	86	368	11.30	10	230	0.07	< 10	1.71	3200
10024	205	226	30	0.6	0.54	178	10	< 0.5	< 2	2.16	10.5	18	70	184	12.00	10	810	0.17	< 10	1.21	1130
10025	205	226	60	0.8	0.49	150	10	< 0.5	< 2	1.05	6.0	15	64	129	11.60	10	800	0.23	< 10	0.59	275
10026	205	226	40	1.0	0.62	150	20	< 0.5	< 2	1.34	8.5	17	72	166	12.30	10	820	0.25	< 10	0.69	545
10027	205	226	< 5	< 0.2	0.69	< 2	10	< 0.5	< 2	2.01	2.0	18	75	192	12.95	10	70	0.14	< 10	1.98	2900
10028	205	226	< 5	< 0.2	0.37	< 2	20	< 0.5	< 2	1.39	7.5	14	79	191	11.30	10	340	0.23	10	1.34	2220
10029	205	226	< 5	0.4	0.51	< 2	20	< 0.5	< 2	1.14	9.0	15	68	197	9.69	10	260	0.20	< 10	0.93	1095
10030	205	226	< 5	0.8	0.55	< 2	10	< 0.5	< 2	0.76	5.5	19	43	139	9.04	< 10	240	0.24	10	0.52	365
10031	205	226	80	1.8	0.42	150	10	< 0.5	< 2	2.53	10.5	23	47	66	10.00	10	990	0.23	< 10	1.43	1240
10032	205	226	60	1.2	0.54	60	10	< 0.5	< 2	2.83	8.5	16	52	133	11.25	10	660	0.24	< 10	1.52	1230
10033	205	226	< 5	0.8	0.61	50	10	< 0.5	< 2	0.91	9.5	16	70	126	10.90	< 10	470	0.22	< 10	0.74	330
10034	205	226	< 5	0.2	0.54	2	20	< 0.5	< 2	1.47	1.0	14	62	303	>15.00	10	30	0.12	< 10	1.84	1735
10035	205	226	< 5	< 0.2	0.07	12	20	< 0.5	< 2	1.56	3.5	11	58	89	>15.00	10	30	0.15	< 10	2.08	3020
10036	205	226	< 5	< 0.2	0.07	68	20	< 0.5	< 2	1.20	1.0	10	50	83	14.45	10	20	0.14	< 10	2.01	2630

CERTIFICATION: Stuart Bradley

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Project : KAN-431
Comments: ATN; M. ROSATELLI

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CERTIFICATE OF ANALYSIS A9528360

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
10023	205	226	75	< 0.01	153	2110	20	14	2	45	< 0.01	< 10	30	473	40	1180	24	1550
10024	205	226	53	< 0.01	133	1010	48	12	2	45	< 0.01	< 10	10	166	40	1730	60	2250
10025	205	226	28	0.01	122	280	56	16	1	23	< 0.01	< 10	< 10	39	30	1070	65	1200
10026	205	226	89	< 0.01	179	890	62	14	2	32	< 0.01	< 10	20	187	40	1470	70	1650
10027	205	226	16	< 0.01	82	1900	14	8	2	53	< 0.01	< 10	< 10	103	40	348	9	410
10028	205	226	18	0.01	64	1530	8	12	2	39	< 0.01	< 10	10	65	40	1030	15	1650
10029	205	226	21	< 0.01	88	1540	14	12	1	32	< 0.01	< 10	< 10	76	20	1405	10	1300
10030	205	226	30	0.01	95	440	28	4	1	23	< 0.01	< 10	< 10	28	20	972	28	1100
10031	205	226	84	0.01	143	560	164	10	2	41	< 0.01	< 10	20	209	30	2030	185	2400
10032	205	226	44	0.01	143	580	104	14	2	59	< 0.01	< 10	10	145	40	1615	122	1950
10033	205	226	41	< 0.01	108	600	136	10	2	29	< 0.01	< 10	10	71	20	1390	140	1400
10034	205	226	14	< 0.01	77	1960	22	10	2	57	< 0.01	< 10	< 10	41	40	194	17	220
10035	205	226	2	< 0.01	25	2280	8	12	2	62	< 0.01	< 10	< 10	13	40	354	6	435
10036	205	226	1	0.01	23	1910	12	14	2	54	< 0.01	< 10	< 10	10	40	242	5	290

CERTIFICATION:

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Project : KAN-431
Comments: ATN; M. ROSATELLI

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CERTIFICATE OF ANALYSIS A9528360

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
10023	205	226	75	< 0.01	153	2110	20	14	2	45	< 0.01	< 10	30	473	40	1180	24	1550
10024	205	226	53	< 0.01	133	1010	48	12	2	45	< 0.01	< 10	10	166	40	1730	60	2250
10025	205	226	28	0.01	122	280	56	16	1	23	< 0.01	< 10	< 10	39	30	1070	65	1200
10026	205	226	89	< 0.01	179	890	62	14	2	32	< 0.01	< 10	20	187	40	1470	70	1650
10027	205	226	16	< 0.01	82	1900	14	8	2	53	< 0.01	< 10	< 10	103	40	348	9	410
10028	205	226	18	0.01	64	1530	8	12	2	39	< 0.01	< 10	10	65	40	1030	15	1650
10029	205	226	21	< 0.01	88	1540	14	12	1	32	< 0.01	< 10	< 10	76	20	1405	10	1300
10030	205	226	30	0.01	95	440	28	4	1	23	< 0.01	< 10	< 10	28	20	972	28	1100
10031	205	226	84	0.01	143	560	164	10	2	41	< 0.01	< 10	20	209	30	2030	185	2400
10032	205	226	44	0.01	143	580	104	14	2	59	< 0.01	< 10	10	145	40	1615	122	1950
10033	205	226	41	< 0.01	108	600	136	10	2	29	< 0.01	< 10	10	71	20	1390	140	1400
10034	205	226	14	< 0.01	77	1960	22	10	2	57	< 0.01	< 10	< 10	41	40	194	17	220
10035	205	226	2	< 0.01	25	2280	8	12	2	62	< 0.01	< 10	< 10	13	40	354	6	435
10036	205	226	1	0.01	23	1910	12	14	2	54	< 0.01	< 10	< 10	10	40	242	5	290

CERTIFICATION:_____

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A9528361

Comments: ATN; M. ROSATELLI

CERTIFICATE A9528361

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 28-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	47	Geochem ring to approx 150 mesh
226	47	0-3 Kg crush and split
3202	47	Rock - save entire reject
229	47	ICP - AQ Digestion charge
238	29	Nitric-aqua-regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	47	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	47	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	47	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	47	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	47	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	47	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	47	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	47	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	47	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	47	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	47	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	47	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	47	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	47	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	47	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	47	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	47	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	47	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	47	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	47	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	47	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	47	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	47	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	47	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	47	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	47	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	47	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	47	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	47	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	47	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	47	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	47	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	47	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	29	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	29	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

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Project : KAN-431
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Page Number : 1-A
Total Pages : 2
Certificate Date: 28-SEP-95
Invoice No. : I9528361
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CERTIFICATE OF ANALYSIS A9528361

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6210	205	226	< 5	0.6	0.90	28	20	< 0.5	< 2	1.01	4.0	28	212	141	6.64	< 10	170	0.17	< 10	0.70	470
6212	205	226	40	3.2	0.58	194	20	< 0.5	< 2	1.57	11.5	23	89	214	13.45	< 10	570	0.26	< 10	0.75	925
6213	205	226	30	2.4	0.71	134	30	< 0.5	< 2	2.59	15.0	19	181	249	11.20	< 10	610	0.29	< 10	1.04	1235
6215	205	226	40	2.6	0.87	228	10	< 0.5	< 2	1.61	6.5	19	85	93	13.35	< 10	690	0.28	< 10	0.67	285
6216	205	226	15	1.4	0.86	108	10	< 0.5	< 2	2.59	8.0	19	85	146	10.10	< 10	280	0.25	< 10	1.06	335
6218	205	226	20	1.6	0.83	134	10	< 0.5	< 2	1.39	6.0	19	118	120	10.25	< 10	390	0.31	< 10	0.61	260
6219	205	226	20	1.8	0.94	156	10	< 0.5	< 2	2.22	4.0	22	155	124	11.90	< 10	340	0.28	< 10	0.92	335
6221	205	226	< 5	0.8	0.89	2	20	< 0.5	< 2	1.48	2.0	6	137	104	5.14	< 10	80	0.36	10	0.74	440
6222	205	226	< 5	0.6	0.94	36	< 10	< 0.5	< 2	5.42	< 0.5	18	159	109	8.88	< 10	10	0.10	< 10	2.37	2130
6224	205	226	< 5	1.2	0.74	112	10	< 0.5	< 2	3.92	3.5	17	76	48	9.42	< 10	260	0.26	< 10	1.52	420
6225	205	226	25	1.4	0.88	132	10	< 0.5	< 2	1.29	6.0	22	87	80	10.95	< 10	370	0.29	< 10	0.54	160
6233	205	226	< 5	0.2	0.19	4	< 10	< 0.5	< 2	5.14	0.5	7	156	17	7.66	< 10	< 10	0.10	< 10	2.52	1275
6297	205	226	< 5	0.2	1.47	8	40	< 0.5	< 2	0.21	0.5	17	65	54	5.07	< 10	30	0.42	10	0.70	280
6298	205	226	< 5	2.6	0.58	92	20	< 0.5	< 2	0.85	10.5	29	65	194	11.90	< 10	480	0.29	< 10	0.53	1100
6300	205	226	< 5	3.6	0.65	84	20	0.5	< 2	1.44	23.0	10	76	303	12.70	< 10	750	0.31	< 10	0.66	2300
6301	205	226	10	2.0	0.59	532	10	< 0.5	< 2	3.47	5.5	15	91	175	12.85	< 10	290	0.12	< 10	1.73	5510
6303	205	226	< 5	1.4	0.75	12	20	< 0.5	< 2	0.77	3.5	14	57	150	8.10	< 10	130	0.38	10	0.42	525
6304	205	226	< 5	0.6	0.59	24	20	< 0.5	< 2	0.09	3.5	20	62	61	4.66	< 10	170	0.31	10	0.08	110
6306	205	226	< 5	3.0	0.69	134	10	< 0.5	< 2	1.26	16.5	22	94	193	11.80	< 10	690	0.22	< 10	0.81	1965
6307	205	226	20	2.6	0.68	180	10	< 0.5	< 2	1.48	8.5	19	99	120	13.20	< 10	640	0.24	< 10	0.86	1840
6309	205	226	30	5.0	0.66	146	20	< 0.5	< 2	1.47	21.5	4	62	313	12.05	< 10	710	0.25	< 10	0.74	1940
6310	205	226	< 5	3.8	0.69	72	10	< 0.5	< 2	1.61	13.0	12	83	334	13.75	< 10	560	0.23	< 10	0.93	2610
6312	205	226	20	3.0	0.75	36	20	< 0.5	< 2	1.97	13.0	11	92	220	11.50	< 10	500	0.34	< 10	0.89	2340
6313	205	226	20	5.4	0.88	66	20	< 0.5	< 2	2.11	19.5	22	100	272	13.95	< 10	710	0.29	< 10	1.02	3070
6328	205	226	30	3.8	0.60	104	20	< 0.5	< 2	1.64	22.5	43	110	271	12.85	< 10	810	0.29	< 10	0.71	1890
6330	205	226	< 5	1.2	0.51	14	20	< 0.5	< 2	0.56	< 0.5	20	169	74	7.32	< 10	30	0.25	10	0.51	430
6338	205	226	50	3.0	0.67	64	20	< 0.5	< 2	1.82	11.5	18	89	122	10.50	< 10	640	0.32	< 10	0.77	930
6339	205	226	20	2.0	0.65	70	20	< 0.5	< 2	1.82	8.5	14	79	182	12.70	< 10	400	0.32	10	0.80	675
6341	205	226	20	3.2	0.61	212	20	< 0.5	< 2	2.59	15.5	11	94	285	13.10	< 10	460	0.25	< 10	1.28	4110
6840	205	226	< 5	< 0.2	2.56	4	< 10	< 0.5	< 2	5.16	< 0.5	17	107	3	7.00	< 10	10	0.06	< 10	3.20	2630
6339	205	226	< 5	< 0.2	5.17	4	< 10	< 0.5	< 2	6.16	< 0.5	41	150	177	7.09	10	10	0.01	< 10	3.72	1075
6842	205	226	< 5	< 0.2	5.33	2	< 10	< 0.5	< 2	4.36	< 0.5	40	169	143	7.67	10	10	0.01	< 10	3.88	1125
6843	205	226	< 5	< 0.2	1.38	2	10	< 0.5	< 2	6.74	< 0.5	9	57	78	13.65	< 10	< 10	0.19	< 10	3.31	>10000
6844	205	226	< 5	< 0.2	0.60	6	< 10	< 0.5	< 2	4.90	< 0.5	6	53	5	12.60	< 10	< 10	< 0.01	< 10	2.95	9280
6845	205	226	< 5	< 0.2	0.50	6	< 10	< 0.5	< 2	1.49	< 0.5	6	72	4	14.05	< 10	< 10	< 0.01	< 10	2.05	>10000
6846	205	226	< 5	< 0.2	0.70	2	< 10	< 0.5	< 2	4.33	< 0.5	6	45	1	>15.00	< 10	< 10	< 0.01	< 10	3.09	>10000
6847	205	226	< 5	< 0.2	0.39	2	< 10	< 0.5	< 2	4.41	< 0.5	3	60	16	13.05	< 10	10	< 0.01	< 10	3.10	8780
6848	205	226	< 5	0.6	0.31	14	< 10	< 0.5	< 2	11.20	< 0.5	1	32	47	13.00	< 10	10	< 0.01	< 10	4.51	8040
6849	205	226	< 5	1.8	0.43	32	< 10	< 0.5	< 2	8.30	< 0.5	2	60	43	12.70	< 10	< 10	< 0.01	< 10	3.92	6800
6850	205	226	20	1.2	0.30	2	< 10	< 0.5	< 2	5.66	< 0.5	6	50	62	>15.00	< 10	10	< 0.01	< 10	3.02	6820

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 28-SEP-95
Invoice No. :I9528361
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9528361

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6210	205	226	19	< 0.01	58	1620	14	< 2	1	33	< 0.01	< 10	< 10	97	< 10	510	10	560
6212	205	226	76	< 0.01	207	700	82	8	1	35	< 0.01	< 10	30	173	< 10	1455	106	1650
6213	205	226	77	< 0.01	179	1720	52	< 2	1	57	< 0.01	< 10	30	265	< 10	1995	60	2100
6215	205	226	26	0.01	146	340	76	6	1	30	< 0.01	< 10	10	41	< 10	910	96	940
6216	205	226	15	0.02	136	240	42	4	2	44	< 0.01	< 10	10	28	< 10	1230	46	1350
6218	205	226	31	0.01	138	440	42	4	1	26	< 0.01	< 10	10	43	< 10	990	52	1100
6219	205	226	33	0.01	120	260	46	4	1	38	< 0.01	< 10	10	49	< 10	674	52	670
6221	205	226	8	0.01	51	310	4	< 2	1	23	< 0.01	< 10	< 10	16	< 10	412	2	470
6222	205	226	12	< 0.01	51	530	6	2	2	64	< 0.01	< 10	< 10	46	< 10	54	2	58
6224	205	226	16	0.01	117	160	44	4	1	46	< 0.01	< 10	10	30	< 10	652	48	740
6225	205	226	20	0.01	127	390	52	2	1	18	< 0.01	< 10	10	28	< 10	1210	65	1300
6233	205	226	8	< 0.01	25	330	14	2	1	63	< 0.01	< 10	< 10	15	< 10	38	14	48
6297	205	226	1	0.01	39	190	4	< 2	1	10	< 0.01	< 10	< 10	14	< 10	112	4	116
6298	205	226	71	0.01	152	950	42	8	1	29	< 0.01	< 10	20	121	< 10	1435	53	1550
6300	205	226	118	0.01	198	1930	64	12	1	43	< 0.01	< 10	50	307	< 10	2780	78	2950
6301	205	226	69	< 0.01	145	4120	38	8	1	76	< 0.01	< 10	30	311	< 10	648	48	760
6303	205	226	11	0.01	100	310	8	2	1	23	< 0.01	< 10	< 10	15	< 10	500	8	510
6304	205	226	10	0.01	83	360	6	2	2	6	< 0.01	< 10	< 10	12	< 10	490	7	580
6306	205	226	107	< 0.01	178	1760	48	4	1	32	< 0.01	< 10	40	348	< 10	2080	62	2500
6307	205	226	66	< 0.01	148	1560	54	8	1	37	< 0.01	< 10	30	152	< 10	1070	62	1150
6309	205	226	122	0.01	217	2270	70	10	1	35	< 0.01	< 10	60	316	< 10	2630	88	3050
6310	205	226	99	< 0.01	197	2750	56	6	1	42	< 0.01	< 10	40	362	< 10	1630	76	1950
6312	205	226	68	0.01	154	1390	42	6	1	44	< 0.01	< 10	30	150	< 10	1735	50	2000
6313	205	226	88	0.01	172	2400	64	8	1	54	< 0.01	< 10	50	318	< 10	2470	74	2600
6328	205	226	102	0.01	198	2110	76	4	1	49	< 0.01	< 10	50	287	< 10	2760	94	3200
6330	205	226	11	0.01	59	570	8	2	1	18	< 0.01	< 10	< 10	19	< 10	80	12	90
6338	205	226	111	0.01	165	1350	56	2	1	49	< 0.01	< 10	40	188	< 10	1660	70	2000
6339	205	226	36	0.01	161	460	42	4	1	47	< 0.01	< 10	10	60	< 10	1170	47	1300
6341	205	226	103	0.01	184	3350	56	2	1	61	< 0.01	< 10	40	374	< 10	1805	68	2000
6840	205	226	< 1	0.02	33	270	< 2	2	13	52	0.03	< 10	< 10	142	< 10	34	-----	-----
6339	205	226	< 1	0.01	101	290	2	< 2	30	91	0.04	< 10	< 10	294	< 10	86	-----	-----
6842	205	226	< 1	< 0.01	89	300	4	< 2	30	62	0.04	< 10	< 10	287	< 10	78	-----	-----
6843	205	226	< 1	0.06	15	450	< 2	< 2	4	80	0.01	< 10	10	98	< 10	30	-----	-----
6844	205	226	< 1	< 0.01	8	290	< 2	2	1	35	< 0.01	< 10	10	54	< 10	20	-----	-----
6845	205	226	< 1	< 0.01	10	310	< 2	2	2	14	< 0.01	< 10	< 10	41	< 10	18	-----	-----
6846	205	226	< 1	< 0.01	8	390	2	< 2	1	41	0.01	< 10	10	62	< 10	36	-----	-----
6847	205	226	< 1	< 0.01	5	530	2	2	1	68	< 0.01	< 10	10	27	< 10	56	-----	-----
6848	205	226	< 1	< 0.01	4	370	4	< 2	< 1	192	< 0.01	< 10	10	21	< 10	58	-----	-----
6849	205	226	< 1	< 0.01	5	350	4	< 2	< 1	119	< 0.01	< 10	10	28	< 10	50	-----	-----
6850	205	226	1	< 0.01	6	250	4	2	< 1	92	< 0.01	< 10	10	18	< 10	52	-----	-----

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :2-A
Total Pages :2
Certificate Date: 28-SEP-95
Invoice No. : I9528361
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9528361

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6851	205	226	< 5	1.4	0.04	4	< 10	< 0.5	< 2	1.58	< 0.5	4	53	88	>15.00	< 10	< 10	< 0.01	< 10	2.04	6970
6852	205	226	< 5	1.0	0.04	4	< 10	< 0.5	< 2	2.66	< 0.5	9	57	76	>15.00	< 10	10	< 0.01	< 10	2.15	7120
6853	205	226	< 5	< 0.2	0.06	4	< 10	< 0.5	< 2	2.61	< 0.5	4	107	17	12.35	< 10	< 10	< 0.01	< 10	1.96	6950
6854	205	226	15	< 0.2	0.21	< 2	< 10	< 0.5	< 2	4.12	< 0.5	2	60	6	>15.00	< 10	10	< 0.01	< 10	2.68	>10000
6855	205	226	< 5	< 0.2	0.08	2	< 10	< 0.5	< 2	3.65	< 0.5	1	67	3	9.98	< 10	10	0.01	< 10	2.01	4830
6856	205	226	< 5	< 0.2	0.19	2	< 10	< 0.5	< 2	1.92	< 0.5	1	91	6	13.20	< 10	< 10	< 0.01	< 10	1.98	5110
6857	205	226	< 5	< 0.2	0.08	2	< 10	< 0.5	< 2	1.32	< 0.5	1	87	2	13.60	< 10	< 10	< 0.01	< 10	2.10	4520

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6851	205	226	1	< 0.01	8	170	4	< 2	< 1	23	< 0.01	< 10	10	9	< 10	52	-----	-----
6852	205	226	< 1	< 0.01	8	140	2	< 2	< 1	38	< 0.01	< 10	10	9	< 10	46	-----	-----
6853	205	226	< 1	< 0.01	4	280	2	< 2	< 1	36	< 0.01	< 10	< 10	8	< 10	42	-----	-----
6854	205	226	1	< 0.01	4	350	2	2	< 1	43	< 0.01	< 10	10	22	< 10	52	-----	-----
6855	205	226	< 1	< 0.01	2	170	2	< 2	< 1	31	< 0.01	< 10	< 10	10	< 10	38	-----	-----
6856	205	226	< 1	< 0.01	4	220	2	< 2	< 1	15	< 0.01	< 10	< 10	19	< 10	72	-----	-----
6857	205	226	< 1	< 0.01	3	190	< 2	< 2	< 1	8	< 0.01	< 10	< 10	11	< 10	36	-----	-----

CERTIFICATION: Stan Bowman

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Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6210	205	226	< 5	0.6	0.90	28	20	< 0.5	< 2	1.01	4.0	28	212	141	6.64	< 10	170	0.17	< 10	0.70	470
6212	205	226	40	3.2	0.58	194	20	< 0.5	< 2	1.57	11.5	23	89	214	13.45	< 10	570	0.26	< 10	0.75	925
6213	205	226	30	2.4	0.71	134	30	< 0.5	< 2	2.59	15.0	19	181	249	11.20	< 10	610	0.29	< 10	1.04	1235
6215	205	226	40	2.6	0.87	228	10	< 0.5	< 2	1.61	6.5	19	85	93	13.35	< 10	690	0.28	< 10	0.67	285
6216	205	226	15	1.4	0.86	108	10	< 0.5	< 2	2.59	8.0	19	85	146	10.10	< 10	280	0.25	< 10	1.06	335
6218	205	226	20	1.6	0.83	134	10	< 0.5	< 2	1.39	6.0	19	118	120	10.25	< 10	390	0.31	< 10	0.61	260
6219	205	226	20	1.8	0.94	156	10	< 0.5	< 2	2.22	4.0	22	155	124	11.90	< 10	340	0.28	< 10	0.92	335
6221	205	226	< 5	0.8	0.89	2	20	< 0.5	< 2	1.48	2.0	6	137	104	5.14	< 10	80	0.36	10	0.74	440
6222	205	226	< 5	0.6	0.94	36	< 10	< 0.5	< 2	5.42	< 0.5	18	159	109	8.88	< 10	10	0.10	< 10	2.37	2130
6224	205	226	< 5	1.2	0.74	112	10	< 0.5	< 2	3.92	3.5	17	76	48	9.42	< 10	260	0.26	< 10	1.52	420
6225	205	226	25	1.4	0.88	132	10	< 0.5	< 2	1.29	6.0	22	87	80	10.95	< 10	370	0.29	< 10	0.54	160
6233	205	226	< 5	0.2	0.19	4	< 10	< 0.5	< 2	5.14	0.5	7	156	17	7.66	< 10	< 10	0.10	< 10	2.52	1275
6297	205	226	< 5	0.2	1.47	8	40	< 0.5	< 2	0.21	0.5	17	65	54	5.07	< 10	30	0.42	10	0.70	280
6298	205	226	< 5	2.6	0.58	92	20	< 0.5	< 2	0.85	10.5	29	65	194	11.90	< 10	480	0.29	< 10	0.53	1100
6300	205	226	< 5	3.6	0.65	84	20	0.5	< 2	1.44	23.0	10	76	303	12.70	< 10	750	0.31	< 10	0.66	2300
6301	205	226	10	2.0	0.59	532	10	< 0.5	< 2	3.47	5.5	15	91	175	12.85	< 10	290	0.12	< 10	1.73	5510
6303	205	226	< 5	1.4	0.75	12	20	< 0.5	< 2	0.77	3.5	14	57	150	8.10	< 10	130	0.38	10	0.42	525
6304	205	226	< 5	0.6	0.59	24	20	< 0.5	< 2	0.09	3.5	20	62	61	4.66	< 10	170	0.31	10	0.08	110
6306	205	226	< 5	3.0	0.69	134	10	< 0.5	< 2	1.26	16.5	22	94	193	11.80	< 10	690	0.22	< 10	0.81	1965
6307	205	226	20	2.6	0.68	180	10	< 0.5	< 2	1.48	8.5	19	99	120	13.20	< 10	640	0.24	< 10	0.86	1840
6309	205	226	30	5.0	0.66	146	20	< 0.5	< 2	1.47	21.5	4	62	313	12.05	< 10	710	0.25	< 10	0.74	1940
6310	205	226	< 5	3.8	0.69	72	10	< 0.5	< 2	1.61	13.0	12	83	334	13.75	< 10	560	0.23	< 10	0.93	2610
6312	205	226	20	3.0	0.75	36	20	< 0.5	< 2	1.97	13.0	11	92	220	11.50	< 10	500	0.34	< 10	0.89	2340
6313	205	226	20	5.4	0.88	66	20	< 0.5	< 2	2.11	19.5	22	100	272	13.95	< 10	710	0.29	< 10	1.02	3070
6328	205	226	30	3.8	0.60	104	20	< 0.5	< 2	1.64	22.5	43	110	271	12.85	< 10	810	0.29	< 10	0.71	1890
6330	205	226	< 5	1.2	0.51	14	20	< 0.5	< 2	0.56	< 0.5	20	169	74	7.32	< 10	30	0.25	10	0.51	430
6338	205	226	50	3.0	0.67	64	20	< 0.5	< 2	1.82	11.5	18	89	122	10.50	< 10	640	0.32	< 10	0.77	930
6339	205	226	20	2.0	0.65	70	20	< 0.5	< 2	1.82	8.5	14	79	182	12.70	< 10	400	0.32	10	0.80	675
6341	205	226	20	3.2	0.61	212	20	< 0.5	< 2	2.59	15.5	11	94	285	13.10	< 10	460	0.25	< 10	1.28	4110
6840	205	226	< 5	< 0.2	2.56	4	< 10	< 0.5	< 2	5.16	< 0.5	17	107	3	7.00	< 10	10	0.06	< 10	3.20	2630
6339	205	226	< 5	< 0.2	5.17	4	< 10	< 0.5	< 2	6.16	< 0.5	41	150	177	7.09	10	10	0.01	< 10	3.72	1075
6842	205	226	< 5	< 0.2	5.33	2	< 10	< 0.5	< 2	4.36	< 0.5	40	169	143	7.67	10	10	0.01	< 10	3.88	1125
6843	205	226	< 5	< 0.2	1.38	2	10	< 0.5	< 2	6.74	< 0.5	9	57	78	13.65	< 10	< 10	0.19	< 10	3.31	>10000
6844	205	226	< 5	< 0.2	0.60	6	< 10	< 0.5	< 2	4.90	< 0.5	6	53	5	12.60	< 10	< 10	< 0.01	< 10	2.95	9280
6845	205	226	< 5	< 0.2	0.50	6	< 10	< 0.5	< 2	1.49	< 0.5	6	72	4	14.05	< 10	< 10	< 0.01	< 10	2.05	>10000
6846	205	226	< 5	< 0.2	0.70	2	< 10	< 0.5	< 2	4.33	< 0.5	6	45	1	>15.00	< 10	< 10	< 0.01	< 10	3.09	>10000
6847	205	226	< 5	< 0.2	0.39	2	< 10	< 0.5	< 2	4.41	< 0.5	3	60	16	13.05	< 10	10	< 0.01	< 10	3.10	8780
6848	205	226	< 5	0.6	0.31	14	< 10	< 0.5	< 2	11.20	< 0.5	1	32	47	13.00	< 10	10	< 0.01	< 10	4.51	8040
6849	205	226	< 5	1.8	0.43	32	< 10	< 0.5	< 2	8.30	< 0.5	2	60	43	12.70	< 10	< 10	< 0.01	< 10	3.92	6800
6850	205	226	20	1.2	0.30	2	< 10	< 0.5	< 2	5.66	< 0.5	6	50	62	>15.00	< 10	10	< 0.01	< 10	3.02	6820

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6210	205	226	19	< 0.01	58	1620	14	< 2	1	33	< 0.01	< 10	< 10	97	< 10	510	10	560
6212	205	226	76	< 0.01	207	700	82	8	1	35	< 0.01	< 10	30	173	< 10	1455	106	1650
6213	205	226	77	< 0.01	179	1720	52	< 2	1	57	< 0.01	< 10	30	265	< 10	1995	60	2100
6215	205	226	26	0.01	146	340	76	6	1	30	< 0.01	< 10	10	41	< 10	910	96	940
6216	205	226	15	0.02	136	240	42	4	2	44	< 0.01	< 10	10	28	< 10	1230	46	1350
6218	205	226	31	0.01	138	440	42	4	1	26	< 0.01	< 10	10	43	< 10	990	52	1100
6219	205	226	33	0.01	120	260	46	4	1	38	< 0.01	< 10	10	49	< 10	674	52	670
6221	205	226	8	0.01	51	310	4	< 2	1	23	< 0.01	< 10	< 10	16	< 10	412	2	470
6222	205	226	12	< 0.01	51	530	6	2	2	64	< 0.01	< 10	< 10	46	< 10	54	2	58
6224	205	226	16	0.01	117	160	44	4	1	46	< 0.01	< 10	10	30	< 10	652	48	740
6225	205	226	20	0.01	127	390	52	2	1	18	< 0.01	< 10	10	28	< 10	1210	65	1300
6233	205	226	8	< 0.01	25	330	14	2	1	63	< 0.01	< 10	< 10	15	< 10	38	14	48
6297	205	226	1	0.01	39	190	4	< 2	1	10	< 0.01	< 10	< 10	14	< 10	112	4	116
6298	205	226	71	0.01	152	950	42	8	1	29	< 0.01	< 10	20	121	< 10	1435	53	1550
6300	205	226	118	0.01	198	1930	64	12	1	43	< 0.01	< 10	50	307	< 10	2780	78	2950
6301	205	226	69	< 0.01	145	4120	38	8	1	76	< 0.01	< 10	30	311	< 10	648	48	760
6303	205	226	11	0.01	100	310	8	2	1	23	< 0.01	< 10	< 10	15	< 10	500	8	510
6304	205	226	10	0.01	83	360	6	2	2	6	< 0.01	< 10	< 10	12	< 10	490	7	580
6306	205	226	107	< 0.01	178	1760	48	4	1	32	< 0.01	< 10	40	348	< 10	2080	62	2500
6307	205	226	66	< 0.01	148	1560	54	8	1	37	< 0.01	< 10	30	152	< 10	1070	62	1150
6309	205	226	122	0.01	217	2270	70	10	1	35	< 0.01	< 10	60	316	< 10	2630	88	3050
6310	205	226	99	< 0.01	197	2750	56	6	1	42	< 0.01	< 10	40	362	< 10	1630	76	1950
6312	205	226	68	0.01	154	1390	42	6	1	44	< 0.01	< 10	30	150	< 10	1735	50	2000
6313	205	226	88	0.01	172	2400	64	8	1	54	< 0.01	< 10	50	318	< 10	2470	74	2600
6328	205	226	102	0.01	198	2110	76	4	1	49	< 0.01	< 10	50	287	< 10	2760	94	3200
6330	205	226	11	0.01	59	570	8	2	1	18	< 0.01	< 10	< 10	19	< 10	80	12	90
6338	205	226	111	0.01	165	1350	56	2	1	49	< 0.01	< 10	40	188	< 10	1660	70	2000
6339	205	226	36	0.01	161	460	42	4	1	47	< 0.01	< 10	10	60	< 10	1170	47	1300
6341	205	226	103	0.01	184	3350	56	2	1	61	< 0.01	< 10	40	374	< 10	1805	68	2000
6840	205	226	< 1	0.02	33	270	< 2	2	13	52	0.03	< 10	< 10	142	< 10	34	-----	-----
6339	205	226	< 1	0.01	101	290	2	< 2	30	91	0.04	< 10	< 10	294	< 10	86	-----	-----
6842	205	226	< 1	< 0.01	89	300	4	< 2	30	62	0.04	< 10	< 10	287	< 10	78	-----	-----
6843	205	226	< 1	0.06	15	450	< 2	< 2	4	80	0.01	< 10	10	98	< 10	30	-----	-----
6844	205	226	< 1	< 0.01	8	290	< 2	2	1	35	< 0.01	< 10	10	54	< 10	20	-----	-----
6845	205	226	< 1	< 0.01	10	310	< 2	2	2	14	< 0.01	< 10	< 10	41	< 10	18	-----	-----
6846	205	226	< 1	< 0.01	8	390	2	< 2	1	41	0.01	< 10	10	62	< 10	36	-----	-----
6847	205	226	< 1	< 0.01	5	530	2	2	1	68	< 0.01	< 10	10	27	< 10	56	-----	-----
6848	205	226	< 1	< 0.01	4	370	4	< 2	< 1	192	< 0.01	< 10	10	21	< 10	58	-----	-----
6849	205	226	< 1	< 0.01	5	350	4	< 2	< 1	119	< 0.01	< 10	10	28	< 10	50	-----	-----
6850	205	226	1	< 0.01	6	250	4	2	< 1	92	< 0.01	< 10	10	18	< 10	52	-----	-----

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :2-A
Total Pages :2
Certificate Date: 28-SEP-95
Invoice No. :I9528361
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9528361

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6851	205	226	< 5	1.4	0.04	4	< 10	< 0.5	< 2	1.58	< 0.5	4	53	88	>15.00	< 10	< 10	< 0.01	< 10	2.04	6970
6852	205	226	< 5	1.0	0.04	4	< 10	< 0.5	< 2	2.66	< 0.5	9	57	76	>15.00	< 10	10	< 0.01	< 10	2.15	7120
6853	205	226	< 5	< 0.2	0.06	4	< 10	< 0.5	< 2	2.61	< 0.5	4	107	17	12.35	< 10	< 10	< 0.01	< 10	1.96	6950
6854	205	226	15	< 0.2	0.21	< 2	< 10	< 0.5	< 2	4.12	< 0.5	2	60	6	>15.00	< 10	10	< 0.01	< 10	2.68	>10000
6855	205	226	< 5	< 0.2	0.08	2	< 10	< 0.5	< 2	3.65	< 0.5	1	67	3	9.98	< 10	10	0.01	< 10	2.01	4830
6856	205	226	< 5	< 0.2	0.19	2	< 10	< 0.5	< 2	1.92	< 0.5	1	91	6	13.20	< 10	< 10	< 0.01	< 10	1.98	5110
6857	205	226	< 5	< 0.2	0.08	2	< 10	< 0.5	< 2	1.32	< 0.5	1	87	2	13.60	< 10	< 10	< 0.01	< 10	2.10	4520

CERTIFICATION: Ian Bidder

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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :2-B
Total Pages :2
Certificate Date: 28-SEP-95
Invoice No. :I9528361
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9528361

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6851	205	226	1	< 0.01	8	170	4	< 2	< 1	23	< 0.01	< 10	10	9	< 10	52	-----	-----
6852	205	226	< 1	< 0.01	8	140	2	< 2	< 1	38	< 0.01	< 10	10	9	< 10	46	-----	-----
6853	205	226	< 1	< 0.01	4	280	2	< 2	< 1	36	< 0.01	< 10	< 10	8	< 10	42	-----	-----
6854	205	226	1	< 0.01	4	350	2	2	< 1	43	< 0.01	< 10	10	22	< 10	52	-----	-----
6855	205	226	< 1	< 0.01	2	170	2	< 2	< 1	31	< 0.01	< 10	< 10	10	< 10	38	-----	-----
6856	205	226	< 1	< 0.01	4	220	2	< 2	< 1	15	< 0.01	< 10	< 10	19	< 10	72	-----	-----
6857	205	226	< 1	< 0.01	3	190	< 2	< 2	< 1	8	< 0.01	< 10	< 10	11	< 10	36	-----	-----

CERTIFICATION:

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A9532027

Comments: ATTN: M. ROSATELI

CERTIFICATE A9532027

(LZV) - KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 13-NOV-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
225	14	Run as received

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
881	14	Au g/t: Total, metallics calc.	FA-AAS/GRAV	0.07	500.00
885	14	Au- g/t: Metallics calc.	FA-AAS/GRAV	0.07	500.00
887	14	Au+ mg: Metallics calculation	FA-AAS/GRAV	0.002	9999.00
889	14	Weight- g: Metallics calculation	BALANCE	1	N/A
888	14	Weight+ g: Metallics calculation	BALANCE	0.01	N/A

Chemex Labs Ltd.

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Project :
Comments: ATTN: M. ROSATELI

Page Number :1
Total Pages :1
Certificate Date: 13-NOV-95
Invoice No. :I9532027
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9532027

SAMPLE	PREP CODE	Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams
6553	225 --	2.27	2.20	0.237	2576	22.73
6554	225 --	2.72	2.63	0.305	2451	27.24
6565	225 --	2.28	2.17	0.182	1066	29.24
6566	225 --	0.13	0.13	< 0.002	1239	30.03
6567	225 --	2.00	1.64	0.474	1261	11.26
6568	225 --	0.17	0.17	< 0.002	1307	12.95
6569	225 --	3.76	2.77	1.221	1144	23.81
6570	225 --	6.28	4.86	1.918	1269	18.24
6571	225 --	1.35	0.99	0.394	1054	10.69
6572	225 --	5.97	4.31	2.321	1318	22.01
6573	225 --	1.33	1.05	0.381	1233	28.39
6574	225 --	1.64	1.35	0.337	1102	9.84
6820	225 --	1.89	1.33	0.904	1545	17.40
6826	225 --	1.82	1.33	0.619	1189	18.17

CERTIFICATION: Adriana Alexandru

1995 – Prospection: Kennecott

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5J 2S1

Comments: ATTN: M. ROSATELLO

18 -07- 1995

A9520770

CERTIFICATE A9520770

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 11-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	24	Geochem ring to approx 150 mesh
226	24	0-3 Kg crush and split
3202	24	Rock - save entire reject
229	24	ICP - AQ Digestion charge
287	24	Special dig'n with organic ext'n

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	24	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	24	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	24	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	24	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	24	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	24	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	24	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	24	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	24	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	24	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	24	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	24	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	24	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	24	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	24	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	24	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	24	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	24	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	24	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	24	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	24	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	24	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	24	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	24	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	24	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	24	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	24	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	24	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	24	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	24	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	24	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	24	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	24	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
13	24	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	24	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000

Chemex Labs Ltd.

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TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLO

Page Number : 1-A
Total Pages : 1
Certificate Date: 11-JUL-95
Invoice No. : I9520770
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9520770

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7000	205	226	20	0.4	1.33	24	30	< 0.5	8	0.07	< 0.5	23	60	73	8.18	< 10	< 10	0.84	< 10	0.63	85
7001	205	226	< 5	< 0.2	0.04	4	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	270	11	1.12	< 10	< 10	0.01	< 10	0.02	50
7002	205	226	< 5	< 0.2	2.32	16	20	< 0.5	< 2	< 0.01	< 0.5	2	98	48	9.70	10	< 10	0.28	10	1.22	125
7003	205	226	< 5	< 0.2	3.39	4	< 10	< 0.5	2	0.19	< 0.5	8	219	37	8.92	10	< 10	0.04	< 10	2.14	150
7004	205	226	5	< 0.2	2.59	30	20	< 0.5	< 2	0.03	< 0.5	2	132	50	8.66	10	< 10	0.21	10	1.47	80
7006	205	226	15	0.2	0.14	10	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	244	46	9.52	< 10	220	0.07	10	0.03	50
7007	205	226	25	1.6	0.29	2	20	< 0.5	4	< 0.01	< 0.5	< 1	136	23	3.55	10	210	0.24	50	0.02	10
7008	205	226	55	0.8	0.27	18	10	< 0.5	4	< 0.01	< 0.5	1	61	68	12.60	< 10	150	0.15	20	0.06	90
7009	205	226	10	< 0.2	< 0.01	20	< 10	< 0.5	6	0.01	< 0.5	1	148	103	>15.00	< 10	< 10	0.01	< 10	0.01	565
7010	205	226	40	0.8	0.28	2	10	< 0.5	< 2	< 0.01	< 0.5	< 1	57	40	7.12	< 10	150	0.21	30	0.03	20
7011	205	226	15	0.4	0.26	6	10	< 0.5	< 2	< 0.01	< 0.5	< 1	108	80	8.37	< 10	40	0.19	20	0.02	185
7012	205	226	35	1.2	0.27	14	10	< 0.5	< 2	< 0.01	< 0.5	< 1	133	26	2.75	< 10	200	0.20	20	0.02	35
7013	205	226	35	1.8	0.39	< 2	20	< 0.5	< 2	< 0.01	< 0.5	< 1	50	4	1.10	< 10	90	0.25	30	0.09	15
7014	205	226	10	< 0.2	0.02	4	< 10	< 0.5	< 2	0.14	< 0.5	1	190	24	2.85	< 10	< 10	0.01	< 10	0.12	720
7024	205	226	10	0.4	0.14	4	< 10	< 0.5	6	0.86	1.0	1	122	264	8.16	< 10	40	0.01	< 10	0.12	185
7025	205	226	< 5	0.6	0.59	176	< 10	< 0.5	8	1.76	2.5	7	114	1300	9.70	10	130	0.02	< 10	0.63	1520
7026	205	226	20	1.4	0.60	152	10	< 0.5	< 2	0.98	4.5	4	67	957	13.90	10	210	0.12	< 10	0.66	1590
7027	205	226	5	0.4	3.02	8	< 10	< 0.5	4	0.08	< 0.5	1	279	96	12.75	10	10	0.03	< 10	2.22	310
7101	205	226	< 5	< 0.2	3.10	30	10	< 0.5	< 2	3.95	< 0.5	26	154	139	6.22	10	< 10	0.16	< 10	3.00	1000
7102	205	226	10	0.2	0.57	4	40	< 0.5	2	0.02	< 0.5	< 1	49	19	5.87	< 10	10	0.41	< 10	0.16	40
7103	205	226	< 5	< 0.2	0.04	12	< 10	< 0.5	< 2	1.61	< 0.5	3	139	8	9.60	< 10	< 10	0.01	< 10	1.48	3110
7104	205	226	< 5	< 0.2	0.51	< 2	10	< 0.5	2	0.18	< 0.5	< 1	215	59	1.93	< 10	40	0.08	< 10	0.28	80
7105	205	226	< 5	< 0.2	2.81	28	< 10	< 0.5	2	0.06	< 0.5	19	182	8	8.78	10	< 10	0.04	10	1.54	600
7106	205	226	< 5	< 0.2	1.75	4	10	< 0.5	2	< 0.01	< 0.5	2	157	17	6.13	10	< 10	0.19	10	0.81	30

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

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M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLO

Certificate Date: 11-JUL-95
Invoice No. : I9520770
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9520770

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	As ppm	Sb ppm
7000	205	226	1	< 0.01	71	300	8	12	2	9	0.08	< 10	< 10	50	< 10	108	12	3.2
7001	205	226	1	< 0.01	9	10	< 2	2	< 1	< 1	< 0.01	< 10	< 10	2	< 10	12	2	0.2
7002	205	226	1	< 0.01	10	310	< 2	12	4	6	0.02	< 10	< 10	63	< 10	146	1	0.4
7003	205	226	3	< 0.01	26	990	< 2	10	4	16	0.01	< 10	< 10	85	10	284	2	0.2
7004	205	226	4	< 0.01	5	360	4	12	2	7	0.01	< 10	< 10	57	< 10	130	4	0.6
7006	205	226	16	< 0.01	4	170	2	14	< 1	< 1	< 0.01	< 10	< 10	32	< 10	90	2	1.2
7007	205	226	24	< 0.01	2	180	34	6	1	2	< 0.01	10	< 10	15	< 10	26	1	5.6
7008	205	226	18	< 0.01	4	240	6	20	1	1	< 0.01	< 10	< 10	14	< 10	216	1	11.5
7009	205	226	< 1	< 0.01	7	110	< 2	24	1	< 1	< 0.01	< 10	< 10	10	< 10	24	2	0.4
7010	205	226	20	< 0.01	1	380	8	16	1	1	< 0.01	< 10	< 10	15	< 10	62	2	10.5
7011	205	226	14	< 0.01	10	390	14	14	1	2	< 0.01	< 10	< 10	9	< 10	98	1	2.8
7012	205	226	19	< 0.01	3	200	20	6	1	1	< 0.01	10	< 10	9	< 10	34	2	4.0
7013	205	226	8	< 0.01	1	110	18	4	< 1	1	< 0.01	10	< 10	9	< 10	12	2	8.0
7014	205	226	1	< 0.01	8	50	< 2	2	< 1	4	< 0.01	< 10	< 10	2	< 10	12	1	0.4
7024	205	226	1	< 0.01	17	170	4	12	1	18	< 0.01	< 10	< 10	7	< 10	94	2	2.0
7025	205	226	17	< 0.01	213	2320	14	16	1	30	< 0.01	< 10	< 10	220	10	304	188	5.0
7026	205	226	90	< 0.01	218	2360	28	22	2	23	< 0.01	< 10	10	314	10	680	150	5.0
7027	205	226	16	< 0.01	12	530	< 2	12	4	4	< 0.01	< 10	< 10	90	10	140	2	0.2
7101	205	226	< 1	< 0.01	58	300	< 2	6	6	77	0.02	< 10	< 10	92	20	98	16	< 0.2
7102	205	226	3	< 0.01	2	220	2	8	1	6	0.04	< 10	< 10	32	< 10	14	2	3.4
7103	205	226	< 1	< 0.01	2	110	< 2	12	< 1	14	< 0.01	< 10	< 10	10	10	2	2	< 0.2
7104	205	226	< 1	< 0.01	4	780	12	2	< 1	8	< 0.01	< 10	< 10	4	< 10	46	1	< 0.2
7105	205	226	1	< 0.01	48	270	< 2	10	4	4	0.02	< 10	< 10	113	10	124	14	< 0.2
7106	205	226	< 1	< 0.01	7	160	< 2	2	1	1	< 0.01	< 10	< 10	41	< 10	66	2	0.2

CERTIFICATION: Ivan Bridler

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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLO

Certificate Date: 11-JUL-95
Invoice No. : I9520770
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9520770

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7000	205	226	20	0.4	1.33	24	30	< 0.5	8	0.07	< 0.5	23	60	73	8.18	< 10	< 10	0.84	< 10	0.63	85
7001	205	226	< 5	< 0.2	0.04	4	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	270	11	1.12	< 10	< 10	0.01	< 10	0.02	50
7002	205	226	< 5	< 0.2	2.32	16	20	< 0.5	< 2	< 0.01	< 0.5	2	98	48	9.70	10	< 10	0.28	10	1.22	125
7003	205	226	< 5	< 0.2	3.39	4	< 10	< 0.5	2	0.19	< 0.5	8	219	37	8.92	10	< 10	0.04	< 10	2.14	150
7004	205	226	5	< 0.2	2.59	30	20	< 0.5	< 2	0.03	< 0.5	2	132	50	8.66	10	< 10	0.21	10	1.47	80
7006	205	226	15	0.2	0.14	10	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	244	46	9.52	< 10	220	0.07	10	0.03	50
7007	205	226	25	1.6	0.29	2	20	< 0.5	4	< 0.01	< 0.5	< 1	136	23	3.55	10	210	0.24	50	0.02	10
7008	205	226	55	0.8	0.27	18	10	< 0.5	4	< 0.01	< 0.5	1	61	68	12.60	< 10	150	0.15	20	0.06	90
7009	205	226	10	< 0.2	< 0.01	20	< 10	< 0.5	6	0.01	< 0.5	1	148	103	>15.00	< 10	< 10	0.01	< 10	0.01	565
7010	205	226	40	0.8	0.28	2	10	< 0.5	< 2	< 0.01	< 0.5	< 1	57	40	7.12	< 10	150	0.21	30	0.03	20
7011	205	226	15	0.4	0.26	6	10	< 0.5	< 2	< 0.01	< 0.5	< 1	108	80	8.37	< 10	40	0.19	20	0.02	185
7012	205	226	35	1.2	0.27	14	10	< 0.5	< 2	< 0.01	< 0.5	< 1	133	26	2.75	< 10	200	0.20	20	0.02	35
7013	205	226	35	1.8	0.39	< 2	20	< 0.5	< 2	< 0.01	< 0.5	< 1	50	4	1.10	< 10	90	0.25	30	0.09	15
7014	205	226	10	< 0.2	0.02	4	< 10	< 0.5	< 2	0.14	< 0.5	1	190	24	2.85	< 10	< 10	0.01	< 10	0.12	720
7024	205	226	10	0.4	0.14	4	< 10	< 0.5	6	0.86	1.0	1	122	264	8.16	< 10	40	0.01	< 10	0.12	185
7025	205	226	< 5	0.6	0.59	176	< 10	< 0.5	8	1.76	2.5	7	114	1300	9.70	10	130	0.02	< 10	0.63	1520
7026	205	226	20	1.4	0.60	152	10	< 0.5	< 2	0.98	4.5	4	67	957	13.90	10	210	0.12	< 10	0.66	1590
7027	205	226	5	0.4	3.02	8	< 10	< 0.5	4	0.08	< 0.5	1	279	96	12.75	10	10	0.03	< 10	2.22	310
7101	205	226	< 5	< 0.2	3.10	30	10	< 0.5	< 2	3.95	< 0.5	26	154	139	6.22	10	< 10	0.16	< 10	3.00	1000
7102	205	226	10	0.2	0.57	4	40	< 0.5	2	0.02	< 0.5	< 1	49	19	5.87	< 10	10	0.41	< 10	0.16	40
7103	205	226	< 5	< 0.2	0.04	12	< 10	< 0.5	< 2	1.61	< 0.5	3	139	8	9.60	< 10	< 10	0.01	< 10	1.48	3110
7104	205	226	< 5	< 0.2	0.51	< 2	10	< 0.5	2	0.18	< 0.5	< 1	215	59	1.93	< 10	40	0.08	< 10	0.28	80
7105	205	226	< 5	< 0.2	2.81	28	< 10	< 0.5	2	0.06	< 0.5	19	182	8	8.78	10	< 10	0.04	10	1.54	600
7106	205	226	< 5	< 0.2	1.75	4	10	< 0.5	2	< 0.01	< 0.5	2	157	17	6.13	10	< 10	0.19	10	0.81	30

CERTIFICATION: Ian Pirie

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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To: KENNECOTT CANADA, INC.
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TORONTO, ON
M5J 2S1

Project : KAN
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Page Number : 1-B
Total Pages : 1
Certificate Date: 11-JUL-95
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CERTIFICATE OF ANALYSIS A9520770

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	As ppm	Sb ppm
7000	205	226	1	< 0.01	71	300	8	12	2	9	0.08	< 10	< 10	50	< 10	108	12	3.2
7001	205	226	1	< 0.01	9	10	< 2	2	< 1	< 1	< 0.01	< 10	< 10	2	< 10	12	2	0.2
7002	205	226	1	< 0.01	10	310	< 2	12	4	6	0.02	< 10	< 10	63	< 10	146	1	0.4
7003	205	226	3	< 0.01	26	990	< 2	10	4	16	0.01	< 10	< 10	85	10	284	2	0.2
7004	205	226	4	< 0.01	5	360	4	12	2	7	0.01	< 10	< 10	57	< 10	130	4	0.6
7006	205	226	16	< 0.01	4	170	2	14	< 1	< 1	< 0.01	< 10	< 10	32	< 10	90	2	1.2
7007	205	226	24	< 0.01	2	180	34	6	1	2	< 0.01	10	< 10	15	< 10	26	1	5.6
7008	205	226	18	< 0.01	4	240	6	20	1	1	< 0.01	< 10	< 10	14	< 10	216	1	11.5
7009	205	226	< 1	< 0.01	7	110	< 2	24	1	< 1	< 0.01	< 10	< 10	10	< 10	24	2	0.4
7010	205	226	20	< 0.01	1	380	8	16	1	1	< 0.01	< 10	< 10	15	< 10	62	2	10.5
7011	205	226	14	< 0.01	10	390	14	14	1	2	< 0.01	< 10	< 10	9	< 10	98	1	2.8
7012	205	226	19	< 0.01	3	200	20	6	1	1	< 0.01	10	< 10	9	< 10	34	2	4.0
7013	205	226	8	< 0.01	1	110	18	4	< 1	1	< 0.01	10	< 10	9	< 10	12	2	8.0
7014	205	226	1	< 0.01	8	50	< 2	2	< 1	4	< 0.01	< 10	< 10	2	< 10	12	1	0.4
7024	205	226	1	< 0.01	17	170	4	12	1	18	< 0.01	< 10	< 10	7	< 10	94	2	2.0
7025	205	226	17	< 0.01	213	2320	14	16	1	30	< 0.01	< 10	< 10	220	10	304	188	5.0
7026	205	226	90	< 0.01	218	2360	28	22	2	23	< 0.01	< 10	10	314	10	680	150	5.0
7027	205	226	16	< 0.01	12	530	< 2	12	4	4	< 0.01	< 10	< 10	90	10	140	2	0.2
7101	205	226	< 1	< 0.01	58	300	< 2	6	6	77	0.02	< 10	< 10	92	20	98	16	< 0.2
7102	205	226	3	< 0.01	2	220	2	8	1	6	0.04	< 10	< 10	32	< 10	14	2	3.4
7103	205	226	< 1	< 0.01	2	110	< 2	12	< 1	14	< 0.01	< 10	< 10	10	10	2	2	< 0.2
7104	205	226	< 1	< 0.01	4	780	12	2	< 1	8	< 0.01	< 10	< 10	4	< 10	46	1	< 0.2
7105	205	226	1	< 0.01	48	270	< 2	10	4	4	0.02	< 10	< 10	113	10	124	14	< 0.2
7106	205	226	< 1	< 0.01	7	160	< 2	2	1	1	< 0.01	< 10	< 10	41	< 10	66	2	0.2

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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TORONTO, ON
M5J 2S1

A9521471

Comments: ATTN: MIKE ROSATELLI

CERTIFICATE A9521471

(LZV) - KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 18-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	42	Geochem ring to approx 150 mesh
226	42	0-3 Kg crush and split
3202	42	Rock - save entire reject
229	42	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	42	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
13	42	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
22	42	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
2118	42	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	42	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	42	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	42	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	42	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	42	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	42	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	42	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	42	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	42	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	42	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	42	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	42	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	42	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	42	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	42	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	42	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	42	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	42	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	42	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	42	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	42	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	42	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	42	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	42	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	42	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	42	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	42	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	42	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	42	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	42	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	42	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

25 -07- 1995

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9521471

SAMPLE	PREP CODE		Au ppb FA+AA	As ppm	Sb ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6606	205	226	30	18	2.4	0.4	1.40	28	30	< 0.5	2	1.03	4.0	13	149	139	7.46	< 10	260	0.25	10
6612	205	226	20	36	2.8	0.6	1.27	50	40	< 0.5	< 2	0.97	3.5	19	120	142	8.45	< 10	250	0.27	10
6613	205	226	30	76	5.8	0.8	0.78	80	10	< 0.5	< 2	2.02	2.0	14	59	127	9.68	< 10	320	0.24	< 10
6627	205	226	< 5	2	0.4	< 0.2	1.27	6	40	< 0.5	< 2	2.25	0.5	12	59	52	9.33	< 10	20	0.60	< 10
7015	205	226	< 5	2	1.8	< 0.2	0.35	2	10	< 0.5	< 2	< 0.01	< 0.5	< 1	40	5	3.04	< 10	40	0.22	10
7016	205	226	15	2	5.0	0.6	0.16	12	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	13	4	0.39	< 10	350	0.11	10
7017	205	226	15	1	3.2	0.4	1.01	4	< 10	< 0.5	< 2	0.83	< 0.5	2	107	38	6.90	< 10	70	0.06	< 10
7018	205	226	10	2	5.0	0.2	0.32	20	10	< 0.5	< 2	0.22	< 0.5	2	40	36	1.97	< 10	130	0.22	20
7019	205	226	55	22	10.5	0.4	0.31	26	30	< 0.5	< 2	0.07	< 0.5	< 1	53	11	2.25	< 10	220	0.25	20
7020	205	226	< 5	150	0.2	< 0.2	0.11	166	< 10	< 0.5	< 2	< 0.01	< 0.5	1	271	10	1.08	< 10	10	0.01	< 10
7021	205	226	5	14	0.6	< 0.2	0.45	26	< 10	< 0.5	< 2	0.04	< 0.5	9	256	38	4.06	< 10	20	0.04	< 10
7022	205	226	< 5	50	0.6	< 0.2	1.15	60	< 10	< 0.5	< 2	0.09	< 0.5	4	241	31	4.45	< 10	40	0.02	< 10
7023	205	226	50	12	2.0	< 0.2	2.10	48	20	< 0.5	< 2	0.04	< 0.5	14	168	173	14.10	< 10	100	0.19	30
7028	205	226	30	2	4.8	1.4	0.81	< 2	10	< 0.5	< 2	1.50	4.5	6	138	424	>15.00	< 10	270	0.12	< 10
7029	205	226	< 5	2	0.2	0.2	0.43	22	10	< 0.5	2	1.47	< 0.5	8	120	18	>15.00	< 10	10	0.04	< 10
7030	205	226	< 5	2	0.6	< 0.2	0.58	4	< 10	< 0.5	< 2	0.01	< 0.5	< 1	234	12	3.33	< 10	20	0.07	< 10
7031	205	226	< 5	90	0.8	< 0.2	0.26	96	< 10	< 0.5	< 2	0.02	< 0.5	4	187	33	2.90	< 10	10	0.04	< 10
7032	205	226	120	56	22	0.2	0.33	56	20	< 0.5	< 2	< 0.01	< 0.5	2	38	41	2.42	< 10	490	0.24	20
7033	205	226	20	6	6.6	0.8	1.32	22	10	0.5	< 2	0.75	< 0.5	25	81	167	10.35	< 10	150	0.20	< 10
7034	205	226	< 5	2	0.8	< 0.2	0.18	6	< 10	< 0.5	< 2	0.42	< 0.5	7	155	78	7.46	< 10	20	0.07	< 10
7035	205	226	< 5	2	0.4	< 0.2	0.24	2	< 10	< 0.5	< 2	0.14	< 0.5	2	323	23	2.67	< 10	20	0.06	< 10
7036	205	226	80	176	1.0	0.2	3.14	168	40	< 0.5	< 2	0.20	< 0.5	17	130	113	9.70	< 10	140	0.08	< 10
7037	205	226	10	424	1.8	0.4	1.55	382	< 10	< 0.5	< 2	0.06	< 0.5	7	145	164	10.60	< 10	80	0.09	< 10
7038	205	226	< 5	2	0.6	< 0.2	0.07	2	10	< 0.5	< 2	< 0.01	< 0.5	8	194	26	0.90	< 10	10	0.04	< 10
7039	205	226	45	82	8.8	1.2	0.45	84	10	< 0.5	< 2	0.02	2.0	74	75	103	11.75	< 10	250	0.18	< 10
7040	205	226	25	30	8.6	0.2	0.56	34	10	< 0.5	< 2	< 0.01	< 0.5	2	45	54	9.61	< 10	180	0.23	20
7041	205	226	< 5	4	0.8	< 0.2	0.12	10	< 10	< 0.5	< 2	0.03	< 0.5	1	310	9	1.42	< 10	10	0.02	< 10
7042	205	226	10	2	5.0	0.6	0.57	2	30	< 0.5	< 2	< 0.01	< 0.5	< 1	194	7	1.73	< 10	80	0.29	30
7043	205	226	5	400	0.8	0.2	0.17	394	< 10	< 0.5	< 2	0.02	< 0.5	6	312	11	1.27	< 10	20	0.01	< 10
7044	205	226	< 5	2220	1.6	0.4	0.06	2100	< 10	< 0.5	< 2	< 0.01	0.5	2	80	132	>15.00	< 10	10	0.01	< 10
7045	205	226	< 5	64	0.6	< 0.2	0.07	66	< 10	< 0.5	< 2	< 0.01	< 0.5	1	294	8	1.16	< 10	20	< 0.01	< 10
7046	205	226	< 5	10	2.6	0.4	0.35	6	20	< 0.5	< 2	< 0.01	< 0.5	< 1	158	2	0.52	< 10	210	0.25	10
7047	205	226	< 5	36	0.4	< 0.2	0.15	38	< 10	< 0.5	< 2	0.01	< 0.5	< 1	252	4	0.80	< 10	90	0.02	< 10
7048	205	226	< 5	2	0.2	< 0.2	0.19	2	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	230	7	1.02	< 10	10	0.04	< 10
7049	205	226	< 5	4	0.4	< 0.2	0.10	8	< 10	< 0.5	< 2	< 0.01	< 0.5	1	217	43	1.07	< 10	10	0.01	< 10
7107	205	226	< 5	2	0.4	< 0.2	0.11	2	< 10	< 0.5	< 2	0.01	< 0.5	1	248	10	1.08	< 10	< 10	0.08	< 10
7108	205	226	< 5	2	1.2	0.4	0.62	4	20	< 0.5	< 2	0.23	< 0.5	4	188	45	3.10	< 10	10	0.22	20
7200	205	226	20	850	2.4	1.2	0.93	728	10	< 0.5	< 2	1.20	6.5	25	104	615	14.50	< 10	390	0.16	< 10
7201	205	226	70	264	30	2.0	0.39	244	20	< 0.5	< 2	0.85	0.5	14	62	62	10.30	< 10	1800	0.25	< 10
7202	205	226	110	276	28	2.6	0.28	260	20	< 0.5	< 2	0.01	0.5	16	86	55	12.25	< 10	1610	0.20	< 10

CERTIFICATION: Ivan A Bucklen

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SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6606	205 226	1.09	1090	30	0.02	90	800	20	< 2	4	25	0.07	< 10	< 10	125	< 10	728
6612	205 226	0.97	750	17	0.02	99	660	18	< 2	3	23	0.05	< 10	< 10	70	< 10	688
6613	205 226	1.07	405	16	0.01	104	270	34	4	1	34	< 0.01	< 10	< 10	31	< 10	518
6627	205 226	1.92	6530	1	0.01	32	460	< 2	2	2	37	0.07	< 10	< 10	34	< 10	224
7015	205 226	0.03	15	11	0.01	5	140	4	< 2	< 1	2	< 0.01	< 10	< 10	9	< 10	16
7016	205 226	0.01	20	3	< 0.01	23	40	28	2	< 1	1	< 0.01	< 10	< 10	3	< 10	4
7017	205 226	0.76	445	7	< 0.01	24	400	16	< 2	1	9	< 0.01	< 10	< 10	43	< 10	68
7018	205 226	0.14	50	8	0.01	13	100	20	2	< 1	6	< 0.01	< 10	< 10	6	< 10	16
7019	205 226	0.03	30	11	< 0.01	4	140	32	4	< 1	2	< 0.01	< 10	< 10	16	< 10	16
7020	205 226	0.11	15	< 1	< 0.01	8	30	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	6	< 10	4
7021	205 226	0.24	50	10	< 0.01	30	340	< 2	< 2	1	3	< 0.01	< 10	< 10	27	< 10	52
7022	205 226	0.88	190	4	< 0.01	47	70	< 2	< 2	< 1	3	< 0.01	< 10	< 10	54	< 10	100
7023	205 226	1.02	155	72	< 0.01	345	480	12	< 2	3	4	< 0.01	< 10	< 10	79	< 10	98
7028	205 226	0.38	3000	93	< 0.01	203	2990	24	< 2	2	35	< 0.01	< 10	30	549	< 10	950
7029	205 226	1.16	>10000	1	< 0.01	34	380	< 2	2	1	20	0.01	< 10	< 10	37	< 10	24
7030	205 226	0.53	75	11	< 0.01	14	220	< 2	< 2	< 1	3	< 0.01	< 10	< 10	32	< 10	24
7031	205 226	0.17	50	6	< 0.01	65	160	2	< 2	< 1	1	< 0.01	< 10	< 10	17	< 10	8
7032	205 226	0.03	15	12	< 0.01	80	140	24	12	< 1	1	< 0.01	< 10	< 10	12	< 10	8
7033	205 226	1.41	1495	19	< 0.01	97	760	36	4	2	34	< 0.01	< 10	< 10	47	< 10	110
7034	205 226	0.19	225	7	< 0.01	96	210	14	< 2	< 1	17	< 0.01	< 10	< 10	9	< 10	26
7035	205 226	0.16	90	5	< 0.01	42	710	2	< 2	< 1	11	< 0.01	< 10	< 10	9	< 10	12
7036	205 226	2.43	460	13	< 0.01	202	970	18	< 2	3	13	< 0.01	< 10	10	74	< 10	272
7037	205 226	1.09	210	13	< 0.01	139	580	8	2	1	4	< 0.01	< 10	< 10	45	< 10	98
7038	205 226	0.02	10	2	< 0.01	244	40	2	< 2	< 1	< 1	< 0.01	< 10	< 10	3	< 10	2
7039	205 226	0.12	45	12	< 0.01	172	220	36	2	< 1	2	< 0.01	< 10	< 10	14	< 10	598
7040	205 226	0.06	70	10	0.01	29	300	22	2	< 1	6	< 0.01	< 10	< 10	10	< 10	206
7041	205 226	0.09	120	< 1	< 0.01	13	30	< 2	< 2	< 1	1	< 0.01	< 10	< 10	6	< 10	16
7042	205 226	0.12	15	11	0.01	8	100	12	2	1	1	< 0.01	< 10	< 10	25	< 10	8
7043	205 226	0.18	55	< 1	< 0.01	18	30	< 2	< 2	< 1	1	< 0.01	< 10	< 10	8	< 10	8
7044	205 226	0.01	1030	< 1	< 0.01	43	140	6	2	< 1	< 1	< 0.01	< 10	< 10	8	< 10	42
7045	205 226	0.04	40	< 1	< 0.01	17	10	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	3	< 10	4
7046	205 226	0.01	10	3	0.01	11	60	12	2	< 1	2	< 0.01	< 10	< 10	8	< 10	6
7047	205 226	0.08	20	2	< 0.01	15	90	6	< 2	< 1	< 1	< 0.01	< 10	< 10	24	< 10	8
7048	205 226	0.11	25	< 1	< 0.01	10	20	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	4	< 10	6
7049	205 226	0.06	10	< 1	< 0.01	30	60	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	2	< 10	4
7107	205 226	< 0.01	40	< 1	< 0.01	16	60	< 2	< 2	< 1	1	< 0.01	< 10	< 10	1	< 10	2
7108	205 226	0.21	160	1	0.01	17	290	126	< 2	< 1	34	< 0.01	< 10	< 10	6	< 10	32
7200	205 226	0.81	1200	49	< 0.01	182	2680	20	< 2	1	43	< 0.01	< 10	10	224	< 10	996
7201	205 226	0.38	245	81	< 0.01	122	370	30	14	1	22	< 0.01	< 10	< 10	124	< 10	172
7202	205 226	0.02	5	92	< 0.01	138	100	30	12	< 1	2	< 0.01	< 10	< 10	88	< 10	108

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project :
Comments: ATTN: MIKE ROSATELLI

Page Number :2-A
Total Pages :2
Certificate Date: 18-JUL-95
Invoice No. :I9521471
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9521471

SAMPLE	PREP CODE		Au ppb FA+AA	As ppm	Sb ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
7203	205	226	20	86	6.0	1.2	0.42	88	20	< 0.5	< 2	0.01	< 0.5	< 1	143	16	3.55	< 10	550	0.26	30
7204	205	226	20	16	10.0	1.0	0.40	10	20	< 0.5	< 2	< 0.01	< 0.5	< 1	74	4	0.69	< 10	820	0.25	30

CERTIFICATION: Stuart Bichler

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TORONTO, ON
M5J 2S1

Project :
Comments: ATTN: MIKE ROSATELLI

Page Number :2-B
Total Pages :2
Certificate Date: 18-JUL-95
Invoice No. :I9521471
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9521471

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7203	205	226	0.03	30	36	< 0.01	7	210	12	4	1	3	< 0.01	< 10	< 10	30	< 10	24
7204	205	226	0.02	5	17	< 0.01	3	90	10	12	< 1	1	< 0.01	< 10	< 10	28	< 10	4

CERTIFICATION: Hartt Bichler

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TORONTO, ON
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Project :
Comments: ATTN: MIKE ROSATELLI

Certificate Date: 18-JUL-95
Invoice No. :I9521471
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CERTIFICATE OF ANALYSIS A9521471

SAMPLE	PREP CODE		Au ppb FA+AA	As ppm	Sb ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6606	205	226	30	18	2.4	0.4	1.40	28	30	< 0.5	2	1.03	4.0	13	149	139	7.46	< 10	260	0.25	10
6612	205	226	20	36	2.8	0.6	1.27	50	40	< 0.5	< 2	0.97	3.5	19	120	142	8.45	< 10	250	0.27	10
6613	205	226	30	76	5.8	0.8	0.78	80	10	< 0.5	< 2	2.02	2.0	14	59	127	9.68	< 10	320	0.24	< 10
6627	205	226	< 5	2	0.4	< 0.2	1.27	6	40	< 0.5	< 2	2.25	0.5	12	59	52	9.33	< 10	20	0.60	< 10
7015	205	226	< 5	2	1.8	< 0.2	0.35	2	10	< 0.5	< 2	< 0.01	< 0.5	< 1	40	5	3.04	< 10	40	0.22	10
7016	205	226	15	2	5.0	0.6	0.16	12	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	13	4	0.39	< 10	350	0.11	10
7017	205	226	15	1	3.2	0.4	1.01	4	< 10	< 0.5	< 2	0.83	< 0.5	2	107	38	6.90	< 10	70	0.06	< 10
7018	205	226	10	2	5.0	0.2	0.32	20	10	< 0.5	< 2	0.22	< 0.5	2	40	36	1.97	< 10	130	0.22	20
7019	205	226	55	22	10.5	0.4	0.31	26	30	< 0.5	< 2	0.07	< 0.5	< 1	53	11	2.25	< 10	220	0.25	20
7020	205	226	< 5	150	0.2	< 0.2	0.11	166	< 10	< 0.5	< 2	< 0.01	< 0.5	1	271	10	1.08	< 10	10	0.01	< 10
7021	205	226	5	14	0.6	< 0.2	0.45	26	< 10	< 0.5	< 2	0.04	< 0.5	9	256	38	4.06	< 10	20	0.04	< 10
7022	205	226	< 5	50	0.6	< 0.2	1.15	60	< 10	< 0.5	< 2	0.09	< 0.5	4	241	31	4.45	< 10	40	0.02	< 10
7023	205	226	50	12	2.0	< 0.2	2.10	48	20	< 0.5	< 2	0.04	< 0.5	14	168	173	14.10	< 10	100	0.19	30
7028	205	226	30	2	4.8	1.4	0.81	< 2	10	< 0.5	< 2	1.50	4.5	6	138	424	>15.00	< 10	270	0.12	< 10
7029	205	226	< 5	2	0.2	0.2	0.43	22	10	< 0.5	2	1.47	< 0.5	8	120	18	>15.00	< 10	10	0.04	< 10
7030	205	226	< 5	2	0.6	< 0.2	0.58	4	< 10	< 0.5	< 2	0.01	< 0.5	< 1	234	12	3.33	< 10	20	0.07	< 10
7031	205	226	< 5	90	0.8	< 0.2	0.26	96	< 10	< 0.5	< 2	0.02	< 0.5	4	187	33	2.90	< 10	10	0.04	< 10
7032	205	226	120	56	22	0.2	0.33	56	20	< 0.5	< 2	< 0.01	< 0.5	2	38	41	2.42	< 10	490	0.24	20
7033	205	226	20	6	6.6	0.8	1.32	22	10	0.5	< 2	0.75	< 0.5	25	81	167	10.35	< 10	150	0.20	< 10
7034	205	226	< 5	2	0.8	< 0.2	0.18	6	< 10	< 0.5	< 2	0.42	< 0.5	7	155	78	7.46	< 10	20	0.07	< 10
7035	205	226	< 5	2	0.4	< 0.2	0.24	2	< 10	< 0.5	< 2	0.14	< 0.5	2	323	23	2.67	< 10	20	0.06	< 10
7036	205	226	80	176	1.0	0.2	3.14	168	40	< 0.5	< 2	0.20	< 0.5	17	130	113	9.70	< 10	140	0.08	< 10
7037	205	226	10	424	1.8	0.4	1.55	382	< 10	< 0.5	< 2	0.06	< 0.5	7	145	164	10.60	< 10	80	0.09	< 10
7038	205	226	< 5	2	0.6	< 0.2	0.07	2	10	< 0.5	< 2	< 0.01	< 0.5	8	194	26	0.90	< 10	10	0.04	< 10
7039	205	226	45	82	8.8	1.2	0.45	84	10	< 0.5	< 2	0.02	2.0	74	75	103	11.75	< 10	250	0.18	< 10
7040	205	226	25	30	8.6	0.2	0.56	34	10	< 0.5	< 2	< 0.01	< 0.5	2	45	54	9.61	< 10	180	0.23	20
7041	205	226	< 5	4	0.8	< 0.2	0.12	10	< 10	< 0.5	< 2	0.03	< 0.5	1	310	9	1.42	< 10	10	0.02	< 10
7042	205	226	10	2	5.0	0.6	0.57	2	30	< 0.5	< 2	< 0.01	< 0.5	< 1	194	7	1.73	< 10	80	0.29	30
7043	205	226	5	400	0.8	0.2	0.17	394	< 10	< 0.5	< 2	0.02	< 0.5	6	312	11	1.27	< 10	20	0.01	< 10
7044	205	226	< 5	2220	1.6	0.4	0.06	2100	< 10	< 0.5	< 2	< 0.01	0.5	2	80	132	>15.00	< 10	10	0.01	< 10
7045	205	226	< 5	64	0.6	< 0.2	0.07	66	< 10	< 0.5	< 2	< 0.01	< 0.5	1	294	8	1.16	< 10	20	< 0.01	< 10
7046	205	226	< 5	10	2.6	0.4	0.35	6	20	< 0.5	< 2	< 0.01	< 0.5	< 1	158	2	0.52	< 10	210	0.25	10
7047	205	226	< 5	36	0.4	< 0.2	0.15	38	< 10	< 0.5	< 2	0.01	< 0.5	< 1	252	4	0.80	< 10	90	0.02	< 10
7048	205	226	< 5	2	0.2	< 0.2	0.19	2	< 10	< 0.5	< 2	< 0.01	< 0.5	< 1	230	7	1.02	< 10	10	0.04	< 10
7049	205	226	< 5	4	0.4	< 0.2	0.10	8	< 10	< 0.5	< 2	< 0.01	< 0.5	1	217	43	1.07	< 10	10	0.01	< 10
7107	205	226	< 5	2	0.4	< 0.2	0.11	2	< 10	< 0.5	< 2	0.01	< 0.5	1	248	10	1.08	< 10	< 10	0.08	< 10
7108	205	226	< 5	2	1.2	0.4	0.62	4	20	< 0.5	< 2	0.23	< 0.5	4	188	45	3.10	< 10	10	0.22	20
7200	205	226	20	850	2.4	1.2	0.93	728	10	< 0.5	< 2	1.20	6.5	25	104	615	14.50	< 10	390	0.16	< 10
7201	205	226	70	264	30	2.0	0.39	244	20	< 0.5	< 2	0.85	0.5	14	62	62	10.30	< 10	1800	0.25	< 10
7202	205	226	110	276	28	2.6	0.28	260	20	< 0.5	< 2	0.01	0.5	16	86	55	12.25	< 10	1610	0.20	< 10

CERTIFICATION: Ian Bichler

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Project :
Comments: ATTN: MIKE ROSATELLI

Certificate Date: 18-JUL-95
Invoice No. :I9521471
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9521471

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6606	205	226	1.09	1090	30	0.02	90	800	20	< 2	4	25	0.07	< 10	< 10	125	< 10	728
6612	205	226	0.97	750	17	0.02	99	660	18	< 2	3	23	0.05	< 10	< 10	70	< 10	688
6613	205	226	1.07	405	16	0.01	104	270	34	4	1	34	< 0.01	< 10	< 10	31	< 10	518
6627	205	226	1.92	6530	1	0.01	32	460	< 2	2	2	37	0.07	< 10	< 10	34	< 10	224
7015	205	226	0.03	15	11	0.01	5	140	4	< 2	< 1	2	< 0.01	< 10	< 10	9	< 10	16
7016	205	226	0.01	20	3	< 0.01	23	40	28	2	< 1	1	< 0.01	< 10	< 10	3	< 10	4
7017	205	226	0.76	445	7	< 0.01	24	400	16	< 2	1	9	< 0.01	< 10	< 10	43	< 10	68
7018	205	226	0.14	50	8	0.01	13	100	20	2	< 1	6	< 0.01	< 10	< 10	6	< 10	16
7019	205	226	0.03	30	11	< 0.01	4	140	32	4	< 1	2	< 0.01	< 10	< 10	16	< 10	16
7020	205	226	0.11	15	< 1	< 0.01	8	30	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	6	< 10	4
7021	205	226	0.24	50	10	< 0.01	30	340	< 2	< 2	1	3	< 0.01	< 10	< 10	27	< 10	52
7022	205	226	0.88	190	4	< 0.01	47	70	< 2	< 2	< 1	3	< 0.01	< 10	< 10	54	< 10	100
7023	205	226	1.02	155	72	< 0.01	345	480	12	< 2	3	4	< 0.01	< 10	< 10	79	< 10	98
7028	205	226	0.38	3000	93	< 0.01	203	2990	24	< 2	2	35	< 0.01	< 10	30	549	< 10	950
7029	205	226	1.16	>10000	1	< 0.01	34	380	< 2	2	1	20	0.01	< 10	< 10	37	< 10	24
7030	205	226	0.53	75	11	< 0.01	14	220	< 2	< 2	< 1	3	< 0.01	< 10	< 10	32	< 10	24
7031	205	226	0.17	50	6	< 0.01	65	160	2	< 2	< 1	1	< 0.01	< 10	< 10	17	< 10	8
7032	205	226	0.03	15	12	< 0.01	80	140	24	12	< 1	1	< 0.01	< 10	< 10	12	< 10	8
7033	205	226	1.41	1495	19	< 0.01	97	760	36	4	2	34	< 0.01	< 10	< 10	47	< 10	110
7034	205	226	0.19	225	7	< 0.01	96	210	14	< 2	< 1	17	< 0.01	< 10	< 10	9	< 10	26
7035	205	226	0.16	90	5	< 0.01	42	710	2	< 2	< 1	11	< 0.01	< 10	< 10	9	< 10	12
7036	205	226	2.43	460	13	< 0.01	202	970	18	< 2	3	13	< 0.01	< 10	10	74	< 10	272
7037	205	226	1.09	210	13	< 0.01	139	580	8	2	1	4	< 0.01	< 10	< 10	45	< 10	98
7038	205	226	0.02	10	2	< 0.01	244	40	2	< 2	< 1	< 1	< 0.01	< 10	< 10	3	< 10	2
7039	205	226	0.12	45	12	< 0.01	172	220	36	2	< 1	2	< 0.01	< 10	< 10	14	< 10	598
7040	205	226	0.06	70	10	0.01	29	300	22	2	< 1	6	< 0.01	< 10	< 10	10	< 10	206
7041	205	226	0.09	120	< 1	< 0.01	13	30	< 2	< 2	< 1	1	< 0.01	< 10	< 10	6	< 10	16
7042	205	226	0.12	15	11	0.01	8	100	12	2	1	1	< 0.01	< 10	< 10	25	< 10	8
7043	205	226	0.18	55	< 1	< 0.01	18	30	< 2	< 2	< 1	1	< 0.01	< 10	< 10	8	< 10	8
7044	205	226	0.01	1030	< 1	< 0.01	43	140	6	2	< 1	< 1	< 0.01	< 10	< 10	8	< 10	42
7045	205	226	0.04	40	< 1	< 0.01	17	10	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	3	< 10	4
7046	205	226	0.01	10	3	0.01	11	60	12	2	< 1	2	< 0.01	< 10	< 10	8	< 10	6
7047	205	226	0.08	20	2	< 0.01	15	90	6	< 2	< 1	< 1	< 0.01	< 10	< 10	24	< 10	8
7048	205	226	0.11	25	< 1	< 0.01	10	20	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	4	< 10	6
7049	205	226	0.06	10	< 1	< 0.01	30	60	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	2	< 10	4
7107	205	226	< 0.01	40	< 1	< 0.01	16	60	< 2	< 2	< 1	1	< 0.01	< 10	< 10	1	< 10	2
7108	205	226	0.21	160	1	0.01	17	290	126	< 2	< 1	34	< 0.01	< 10	< 10	6	< 10	32
7200	205	226	0.81	1200	49	< 0.01	182	2680	20	< 2	1	43	< 0.01	< 10	10	224	< 10	996
7201	205	226	0.38	245	81	< 0.01	122	370	30	14	1	22	< 0.01	< 10	< 10	124	< 10	172
7202	205	226	0.02	5	92	< 0.01	138	100	30	12	< 1	2	< 0.01	< 10	< 10	88	< 10	108

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project :
Comments: ATTN: MIKE ROSATELLI

Certificate Date: 18-JUL-95
Invoice No. :I9521471
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9521471

SAMPLE	PREP CODE		Au ppb FA+AA	As ppm	Sb ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
7203	205	226	20	86	6.0	1.2	0.42	88	20	< 0.5	< 2	0.01	< 0.5	< 1	143	16	3.55	< 10	550	0.26	30
7204	205	226	20	16	10.0	1.0	0.40	10	20	< 0.5	< 2	< 0.01	< 0.5	< 1	74	4	0.69	< 10	820	0.25	30

CERTIFICATION: Stuart Bichler

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CERTIFICATE OF ANALYSIS A9521471

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7203	205	226	0.03	30	36	< 0.01	7	210	12	4	1	3	< 0.01	< 10	< 10	30	< 10	24
7204	205	226	0.02	5	17	< 0.01	3	90	10	12	< 1	1	< 0.01	< 10	< 10	28	< 10	4

CERTIFICATION: Stuart Bichler

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TORONTO, ON
M5J 2S1

A9521803

Comments: ATTN: M. ROSATELLI

CERTIFICATE A9521803

(LZV) - KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 25-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
235	25	Pan con ring to approx 150 mesh
229	25	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2118	25	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	25	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	25	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	25	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	25	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	25	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	25	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	25	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	25	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	25	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	25	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	25	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	25	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	25	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	25	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	25	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	25	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	25	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	25	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	25	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	25	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	25	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	25	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	25	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	25	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	25	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	25	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	25	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	25	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	25	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	25	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	25	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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M5J 2S1

Project :
Comments: ATTN: M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 25-JUL-95
Invoice No. : I9521803
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9521803

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
6600	235	229	< 0.2	2.97	12	240	< 0.5	< 2	1.62	0.5	17	597	54	14.85	10	90	0.70	40	1.61	1400	< 1
6601	235	229	< 0.2	1.84	< 2	70	< 0.5	< 2	0.94	0.5	16	177	36	13.60	10	30	0.27	40	1.21	1045	1
6602	235	229	< 0.2	2.75	< 2	120	< 0.5	< 2	1.19	< 0.5	18	220	59	>15.00	10	30	0.44	30	1.47	2730	1
6603	235	229	< 0.2	1.97	< 2	60	< 0.5	< 2	0.82	0.5	14	156	29	13.30	10	20	0.21	40	1.14	1100	2
6604	235	229	< 0.2	2.60	< 2	100	< 0.5	< 2	1.15	< 0.5	19	180	33	13.20	20	30	0.41	40	1.51	1390	< 1
6605	235	229	< 0.2	1.95	< 2	60	< 0.5	< 2	1.13	< 0.5	17	158	28	12.85	10	20	0.25	40	1.24	1385	< 1
6607	235	229	< 0.2	2.71	< 2	210	< 0.5	< 2	1.59	< 0.5	23	493	59	10.20	10	50	0.89	40	2.16	1555	< 1
6608	235	229	< 0.2	2.57	< 2	180	< 0.5	< 2	1.65	0.5	18	188	35	7.32	10	30	0.87	40	2.25	1275	< 1
6609	235	229	< 0.2	2.56	< 2	190	< 0.5	< 2	1.61	< 0.5	20	341	46	8.70	20	90	0.74	70	2.04	1385	1
6610	235	229	< 0.2	2.76	< 2	200	< 0.5	< 2	2.22	< 0.5	18	197	51	9.73	20	40	0.79	60	2.42	1570	< 1
6611	235	229	< 0.2	2.17	< 2	130	< 0.5	< 2	1.23	< 0.5	15	257	47	9.30	10	40	0.49	30	1.53	1125	2
6614	235	229	< 0.2	1.42	< 2	40	< 0.5	< 2	0.41	< 0.5	11	114	36	13.65	10	30	0.15	20	0.84	610	3
6615	235	229	< 0.2	2.77	< 2	170	< 0.5	< 2	2.01	< 0.5	19	206	37	8.08	10	30	0.91	50	2.54	1410	< 1
6616	235	229	< 0.2	2.22	< 2	120	< 0.5	< 2	1.12	< 0.5	17	201	35	10.05	10	30	0.49	40	1.67	880	1
6617	235	229	< 0.2	2.87	< 2	190	< 0.5	< 2	1.65	< 0.5	19	241	37	9.73	20	30	0.82	50	2.03	1160	< 1
6618	235	229	< 0.2	1.63	< 2	60	< 0.5	< 2	0.70	< 0.5	9	173	21	8.53	10	20	0.27	30	0.86	635	< 1
6619	235	229	< 0.2	2.50	< 2	100	< 0.5	< 2	1.65	0.5	15	278	26	7.88	10	20	0.54	40	1.54	845	< 1
6620	235	229	< 0.2	1.49	< 2	40	< 0.5	< 2	0.80	< 0.5	15	171	34	9.30	10	20	0.26	30	0.98	895	1
6621	235	229	< 0.2	2.40	< 2	40	< 0.5	< 2	0.73	< 0.5	15	95	24	10.30	10	30	0.46	20	1.31	605	< 1
6622	235	229	< 0.2	1.48	< 2	30	< 0.5	< 2	0.56	< 0.5	9	150	18	11.25	10	20	0.16	30	0.83	585	< 1
6623	235	229	< 0.2	2.29	< 2	160	< 0.5	< 2	0.84	< 0.5	15	209	29	11.50	10	30	0.67	30	1.34	2940	< 1
6624	235	229	< 0.2	1.74	128	190	< 0.5	< 2	0.42	< 0.5	15	153	69	13.00	10	80	0.42	20	1.27	1360	14
6625	235	229	< 0.2	2.74	< 2	100	< 0.5	< 2	0.65	< 0.5	13	121	32	9.66	10	30	0.45	30	1.39	845	< 1
6626	235	229	< 0.2	2.24	< 2	80	< 0.5	< 2	0.75	0.5	16	116	32	9.45	10	40	0.29	30	1.22	1545	1
6628	235	229	< 0.2	2.00	< 2	1140	< 0.5	< 2	1.72	< 0.5	16	216	35	11.65	10	20	0.45	30	2.30	2580	< 1

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project :
Comments: ATTN: M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 25-JUL-95
Invoice No. : I9521803
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9521803

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6600	235	229	0.27	40	1050	16	2	21	80	0.23	< 10	< 10	168	80	128
6601	235	229	0.07	30	1100	6	8	12	40	0.19	< 10	< 10	131	20	120
6602	235	229	0.13	37	1050	26	4	14	45	0.20	< 10	< 10	116	20	128
6603	235	229	0.06	41	1120	16	8	10	38	0.17	< 10	< 10	118	20	140
6604	235	229	0.12	48	1200	20	6	14	50	0.21	< 10	< 10	131	20	230
6605	235	229	0.09	41	1380	20	4	13	42	0.20	< 10	< 10	132	220	198
6607	235	229	0.12	92	1510	12	2	13	46	0.24	< 10	< 10	109	30	118
6608	235	229	0.08	61	1270	12	4	12	42	0.22	< 10	< 10	99	30	148
6609	235	229	0.11	127	1480	12	4	11	47	0.21	< 10	< 10	102	40	102
6610	235	229	0.10	43	1910	22	10	15	55	0.23	< 10	< 10	124	30	150
6611	235	229	0.09	65	1270	20	4	9	40	0.16	< 10	< 10	92	30	192
6614	235	229	0.03	25	610	16	12	6	22	0.13	< 10	< 10	99	< 10	96
6615	235	229	0.10	41	1850	10	4	14	44	0.26	< 10	< 10	113	30	116
6616	235	229	0.06	52	1590	12	2	10	31	0.18	< 10	< 10	117	40	136
6617	235	229	0.14	42	1600	12	2	15	51	0.25	< 10	< 10	128	140	118
6618	235	229	0.07	45	1010	12	4	8	34	0.16	< 10	< 10	87	30	70
6619	235	229	0.20	77	1530	22	4	15	61	0.23	< 10	< 10	113	20	84
6620	235	229	0.06	43	1100	20	4	7	31	0.18	< 10	< 10	96	40	86
6621	235	229	0.03	28	1870	14	6	10	65	0.19	< 10	< 10	105	10	146
6622	235	229	0.05	28	570	12	6	7	29	0.13	< 10	< 10	113	10	68
6623	235	229	0.11	47	830	10	4	11	40	0.23	< 10	< 10	116	20	172
6624	235	229	0.05	71	850	32	12	6	18	0.22	< 10	< 10	95	10	210
6625	235	229	0.08	50	840	12	2	10	35	0.15	< 10	< 10	94	10	206
6626	235	229	0.07	41	850	16	8	8	25	0.15	< 10	< 10	107	20	150
6628	235	229	0.08	36	1150	16	6	11	49	0.23	< 10	< 10	103	30	186

CERTIFICATION:

Chemex Labs Ltd.

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SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
6600	235	229	< 0.2	2.97	12	240	< 0.5	< 2	1.62	0.5	17	597	54	14.85	10	90	0.70	40	1.61	1400	< 1
6601	235	229	< 0.2	1.84	< 2	70	< 0.5	< 2	0.94	0.5	16	177	36	13.60	10	30	0.27	40	1.21	1045	1
6602	235	229	< 0.2	2.75	< 2	120	< 0.5	< 2	1.19	< 0.5	18	220	59	>15.00	10	30	0.44	30	1.47	2730	1
6603	235	229	< 0.2	1.97	< 2	60	< 0.5	< 2	0.82	0.5	14	156	29	13.30	10	20	0.21	40	1.14	1100	2
6604	235	229	< 0.2	2.60	< 2	100	< 0.5	< 2	1.15	< 0.5	19	180	33	13.20	20	30	0.41	40	1.51	1390	< 1
6605	235	229	< 0.2	1.95	< 2	60	< 0.5	< 2	1.13	< 0.5	17	158	28	12.85	10	20	0.25	40	1.24	1385	< 1
6607	235	229	< 0.2	2.71	< 2	210	< 0.5	< 2	1.59	< 0.5	23	493	59	10.20	10	50	0.89	40	2.16	1555	< 1
6608	235	229	< 0.2	2.57	< 2	180	< 0.5	< 2	1.65	0.5	18	188	35	7.32	10	30	0.87	40	2.25	1275	< 1
6609	235	229	< 0.2	2.56	< 2	190	< 0.5	< 2	1.61	< 0.5	20	341	46	8.70	20	90	0.74	70	2.04	1385	1
6610	235	229	< 0.2	2.76	< 2	200	< 0.5	< 2	2.22	< 0.5	18	197	51	9.73	20	40	0.79	60	2.42	1570	< 1
6611	235	229	< 0.2	2.17	< 2	130	< 0.5	< 2	1.23	< 0.5	15	257	47	9.30	10	40	0.49	30	1.53	1125	2
6614	235	229	< 0.2	1.42	< 2	40	< 0.5	< 2	0.41	< 0.5	11	114	36	13.65	10	30	0.15	20	0.84	610	3
6615	235	229	< 0.2	2.77	< 2	170	< 0.5	< 2	2.01	< 0.5	19	206	37	8.08	10	30	0.91	50	2.54	1410	< 1
6616	235	229	< 0.2	2.22	< 2	120	< 0.5	< 2	1.12	< 0.5	17	201	35	10.05	10	30	0.49	40	1.67	880	1
6617	235	229	< 0.2	2.87	< 2	190	< 0.5	< 2	1.65	< 0.5	19	241	37	9.73	20	30	0.82	50	2.03	1160	< 1
6618	235	229	< 0.2	1.63	< 2	60	< 0.5	< 2	0.70	< 0.5	9	173	21	8.53	10	20	0.27	30	0.86	635	< 1
6619	235	229	< 0.2	2.50	< 2	100	< 0.5	< 2	1.65	0.5	15	278	26	7.88	10	20	0.54	40	1.54	845	< 1
6620	235	229	< 0.2	1.49	< 2	40	< 0.5	< 2	0.80	< 0.5	15	171	34	9.30	10	20	0.26	30	0.98	895	1
6621	235	229	< 0.2	2.40	< 2	40	< 0.5	< 2	0.73	< 0.5	15	95	24	10.30	10	30	0.46	20	1.31	605	< 1
6622	235	229	< 0.2	1.48	< 2	30	< 0.5	< 2	0.56	< 0.5	9	150	18	11.25	10	20	0.16	30	0.83	585	< 1
6623	235	229	< 0.2	2.29	< 2	160	< 0.5	< 2	0.84	< 0.5	15	209	29	11.50	10	30	0.67	30	1.34	2940	< 1
6624	235	229	< 0.2	1.74	128	190	< 0.5	< 2	0.42	< 0.5	15	153	69	13.00	10	80	0.42	20	1.27	1360	14
6625	235	229	< 0.2	2.74	< 2	100	< 0.5	< 2	0.65	< 0.5	13	121	32	9.66	10	30	0.45	30	1.39	845	< 1
6626	235	229	< 0.2	2.24	< 2	80	< 0.5	< 2	0.75	0.5	16	116	32	9.45	10	40	0.29	30	1.22	1545	1
6628	235	229	< 0.2	2.00	< 2	1140	< 0.5	< 2	1.72	< 0.5	16	216	35	11.65	10	20	0.45	30	2.30	2580	< 1

CERTIFICATION: Stuart Bickler

Chemex Labs Ltd.

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Project :
Comments: ATTN: M. ROSATELLI

Page Number : I-B
Total Pages : 1
Certificate Date: 25-JUL-95
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Account : LZV

CERTIFICATE OF ANALYSIS A9521803

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6600	235	229	0.27	40	1050	16	2	21	80	0.23	< 10	< 10	168	80	128
6601	235	229	0.07	30	1100	6	8	12	40	0.19	< 10	< 10	131	20	120
6602	235	229	0.13	37	1050	26	4	14	45	0.20	< 10	< 10	116	20	128
6603	235	229	0.06	41	1120	16	8	10	38	0.17	< 10	< 10	118	20	140
6604	235	229	0.12	48	1200	20	6	14	50	0.21	< 10	< 10	131	20	230
6605	235	229	0.09	41	1380	20	4	13	42	0.20	< 10	< 10	132	220	198
6607	235	229	0.12	92	1510	12	2	13	46	0.24	< 10	< 10	109	30	118
6608	235	229	0.08	61	1270	12	4	12	42	0.22	< 10	< 10	99	30	148
6609	235	229	0.11	127	1480	12	4	11	47	0.21	< 10	< 10	102	40	102
6610	235	229	0.10	43	1910	22	10	15	55	0.23	< 10	< 10	124	30	150
6611	235	229	0.09	65	1270	20	4	9	40	0.16	< 10	< 10	92	30	192
6614	235	229	0.03	25	610	16	12	6	22	0.13	< 10	< 10	99	< 10	96
6615	235	229	0.10	41	1850	10	4	14	44	0.26	< 10	< 10	113	30	116
6616	235	229	0.06	52	1590	12	2	10	31	0.18	< 10	< 10	117	40	136
6617	235	229	0.14	42	1600	12	2	15	51	0.25	< 10	< 10	128	140	118
6618	235	229	0.07	45	1010	12	4	8	34	0.16	< 10	< 10	87	30	70
6619	235	229	0.20	77	1530	22	4	15	61	0.23	< 10	< 10	113	20	84
6620	235	229	0.06	43	1100	20	4	7	31	0.18	< 10	< 10	96	40	86
6621	235	229	0.03	28	1870	14	6	10	65	0.19	< 10	< 10	105	10	146
6622	235	229	0.05	28	570	12	6	7	29	0.13	< 10	< 10	113	10	68
6623	235	229	0.11	47	830	10	4	11	40	0.23	< 10	< 10	116	20	172
6624	235	229	0.05	71	850	32	12	6	18	0.22	< 10	< 10	95	10	210
6625	235	229	0.08	50	840	12	2	10	35	0.15	< 10	< 10	94	10	206
6626	235	229	0.07	41	850	16	8	8	25	0.15	< 10	< 10	107	20	150
6628	235	229	0.08	36	1150	16	6	11	49	0.23	< 10	< 10	103	30	186

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

A9522060

Comments: ATN: M. ROSATELLI

CERTIFICATE A9522060

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 27-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	14	Geochem ring to approx 150 mesh
226	14	0-3 Kg crush and split
3202	14	Rock - save entire reject
229	14	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	14	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	14	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	14	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	14	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	14	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	14	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	14	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	14	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	14	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	14	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	14	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	14	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	14	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	14	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	14	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	14	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	14	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	14	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	14	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	14	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	14	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	14	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	14	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	14	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	14	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	14	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	14	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	14	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	14	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	14	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	14	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	14	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	14	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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Project : KAN
Comments: ATN: M. ROSATELLI

Page Number :
Total Pages :1
Certificate Date: 27-Ju
Invoice No. :I95220
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9522060

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7112	205	226	< 5	0.8	0.29	< 2	10	< 0.5	< 2	1.51	< 0.5	1	152	305	13.40	< 10	< 10	0.01	< 10	0.59	635
7113	205	226	< 5	< 0.2	0.07	< 2	< 10	< 0.5	6	2.53	0.5	2	230	30	4.22	< 10	10	< 0.01	< 10	1.35	920
7114	205	226	< 5	< 0.2	0.22	< 2	< 10	< 0.5	< 2	0.03	< 0.5	< 1	291	19	1.67	< 10	20	0.01	< 10	0.13	55
7115	205	226	< 5	< 0.2	0.66	< 2	< 10	< 0.5	6	0.49	0.5	6	89	56	>15.00	< 10	40	0.02	< 10	0.71	>10000
7116	205	226	< 5	0.2	0.37	< 2	10	< 0.5	< 2	0.01	0.5	< 1	53	52	4.69	< 10	290	0.27	30	0.02	115
7117	205	226	< 5	< 0.2	0.34	40	10	< 0.5	6	0.02	0.5	4	24	123	13.45	< 10	200	0.17	20	0.10	665
7118	205	226	< 5	< 0.2	0.99	2	< 10	< 0.5	6	2.49	< 0.5	8	30	204	13.45	< 10	150	0.07	10	0.60	3280
7119	205	226	< 5	< 0.2	0.09	440	< 10	< 0.5	6	0.13	< 0.5	< 1	79	98	14.70	< 10	40	< 0.01	< 10	0.10	1915
7120	205	226	< 5	< 0.2	0.12	< 2	< 10	< 0.5	< 2	0.12	0.5	< 1	236	8	3.03	< 10	30	0.04	< 10	0.12	1490
7121	205	226	< 5	0.2	0.75	10	60	0.5	6	0.03	3.0	8	123	22	>15.00	< 10	90	0.25	< 10	0.88	>10000
7122	205	226	< 5	< 0.2	0.01	2	< 10	< 0.5	4	2.02	< 0.5	< 1	119	< 1	11.10	< 10	< 10	< 0.01	< 10	1.67	2890
7123	205	226	< 5	< 0.2	0.04	< 2	< 10	< 0.5	< 2	1.37	< 0.5	1	117	< 1	11.95	< 10	< 10	0.01	< 10	2.02	2710
7125	205	226	< 5	< 0.2	0.82	< 2	< 10	< 0.5	16	1.58	< 0.5	< 1	21	2	>15.00	< 10	< 10	< 0.01	< 10	2.82	>10000
7151	205	226	< 5	0.4	0.61	4	10	< 0.5	< 2	0.08	< 0.5	< 1	45	35	7.30	< 10	40	0.21	20	0.24	160

CERTIFICATION: Stan Buchler

Chemex Labs Ltd.

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Project : KAN
Comments: ATN: M. ROSATELLI

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CERTIFICATE OF ANALYSIS A9522060

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7112	205	226	< 1	< 0.01	154	160	< 2	< 2	1	25	< 0.01	< 10	< 10	10	< 10	30
7113	205	226	< 1	< 0.01	21	440	< 2	2	< 1	40	< 0.01	< 10	< 10	6	< 10	24
7114	205	226	< 1	< 0.01	15	30	< 2	2	< 1	< 1	< 0.01	< 10	< 10	8	< 10	22
7115	205	226	< 1	< 0.01	23	640	4	6	2	31	< 0.01	< 10	< 10	51	< 10	50
7116	205	226	24	< 0.01	13	170	14	< 2	< 1	2	< 0.01	< 10	< 10	15	< 10	80
7117	205	226	22	< 0.01	10	1420	24	< 2	< 1	15	< 0.01	< 10	< 10	18	< 10	56
7118	205	226	20	< 0.01	67	770	16	< 2	2	79	< 0.01	< 10	< 10	39	< 10	66
7119	205	226	< 1	< 0.01	12	180	< 2	< 2	< 1	5	< 0.01	< 10	< 10	9	< 10	48
7120	205	226	< 1	< 0.01	7	150	2	< 2	< 1	6	< 0.01	< 10	< 10	11	< 10	4
7121	205	226	< 1	0.01	7	310	14	8	2	6	0.01	< 10	< 10	72	< 10	24
7122	205	226	< 1	< 0.01	7	100	4	< 2	< 1	21	< 0.01	< 10	< 10	9	< 10	18
7123	205	226	< 1	< 0.01	6	260	< 2	< 2	< 1	14	< 0.01	< 10	< 10	6	< 10	16
7125	205	226	< 1	< 0.01	< 1	320	< 2	6	1	18	0.01	< 10	< 10	48	< 10	20
7151	205	226	9	0.01	3	230	4	4	< 1	9	< 0.01	< 10	< 10	12	< 10	80

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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Project : KAN
Comments: ATN: M. ROSATELLI

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Certificate Date: 27-JUL-95
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P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9522060

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7112	205	226	< 5	0.8	0.29	< 2	10	< 0.5	< 2	1.51	< 0.5	1	152	305	13.40	< 10	< 10	0.01	< 10	0.59	635
7113	205	226	< 5	< 0.2	0.07	< 2	< 10	< 0.5	6	2.53	0.5	2	230	30	4.22	< 10	10	< 0.01	< 10	1.35	920
7114	205	226	< 5	< 0.2	0.22	< 2	< 10	< 0.5	< 2	0.03	< 0.5	< 1	291	19	1.67	< 10	20	0.01	< 10	0.13	55
7115	205	226	< 5	< 0.2	0.66	< 2	< 10	< 0.5	6	0.49	0.5	6	89	56	>15.00	< 10	40	0.02	< 10	0.71	>10000
7116	205	226	< 5	0.2	0.37	< 2	10	< 0.5	< 2	0.01	0.5	< 1	53	52	4.69	< 10	290	0.27	30	0.02	115
7117	205	226	< 5	< 0.2	0.34	40	10	< 0.5	6	0.02	0.5	4	24	123	13.45	< 10	200	0.17	20	0.10	665
7118	205	226	< 5	< 0.2	0.99	2	< 10	< 0.5	6	2.49	< 0.5	8	30	204	13.45	< 10	150	0.07	10	0.60	3280
7119	205	226	< 5	< 0.2	0.09	440	< 10	< 0.5	6	0.13	< 0.5	< 1	79	98	14.70	< 10	40	< 0.01	< 10	0.10	1915
7120	205	226	< 5	< 0.2	0.12	< 2	< 10	< 0.5	< 2	0.12	0.5	< 1	236	8	3.03	< 10	30	0.04	< 10	0.12	1490
7121	205	226	< 5	0.2	0.75	10	60	0.5	6	0.03	3.0	8	123	22	>15.00	< 10	90	0.25	< 10	0.88	>10000
7122	205	226	< 5	< 0.2	0.01	2	< 10	< 0.5	4	2.02	< 0.5	< 1	119	< 1	11.10	< 10	< 10	< 0.01	< 10	1.67	2890
7123	205	226	< 5	< 0.2	0.04	< 2	< 10	< 0.5	< 2	1.37	< 0.5	1	117	< 1	11.95	< 10	< 10	0.01	< 10	2.02	2710
7125	205	226	< 5	< 0.2	0.82	< 2	< 10	< 0.5	16	1.58	< 0.5	< 1	21	2	>15.00	< 10	< 10	< 0.01	< 10	2.82	>10000
7151	205	226	< 5	0.4	0.61	4	10	< 0.5	< 2	0.08	< 0.5	< 1	45	35	7.30	< 10	40	0.21	20	0.24	160

CERTIFICATION: Stuart Bichler

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Project : KAN
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Account : LZV

CERTIFICATE OF ANALYSIS A9522060

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7112	205	226	< 1	< 0.01	154	160	< 2	< 2	1	25	< 0.01	< 10	< 10	10	< 10	30
7113	205	226	< 1	< 0.01	21	440	< 2	2	< 1	40	< 0.01	< 10	< 10	6	< 10	24
7114	205	226	< 1	< 0.01	15	30	< 2	2	< 1	< 1	< 0.01	< 10	< 10	8	< 10	22
7115	205	226	< 1	< 0.01	23	640	4	6	2	31	< 0.01	< 10	< 10	51	< 10	50
7116	205	226	24	< 0.01	13	170	14	< 2	< 1	2	< 0.01	< 10	< 10	15	< 10	80
7117	205	226	22	< 0.01	10	1420	24	< 2	< 1	15	< 0.01	< 10	< 10	18	< 10	56
7118	205	226	20	< 0.01	67	770	16	< 2	2	79	< 0.01	< 10	< 10	39	< 10	66
7119	205	226	< 1	< 0.01	12	180	< 2	< 2	< 1	5	< 0.01	< 10	< 10	9	< 10	48
7120	205	226	< 1	< 0.01	7	150	2	< 2	< 1	6	< 0.01	< 10	< 10	11	< 10	4
7121	205	226	< 1	0.01	7	310	14	8	2	6	0.01	< 10	< 10	72	< 10	24
7122	205	226	< 1	< 0.01	7	100	4	< 2	< 1	21	< 0.01	< 10	< 10	9	< 10	18
7123	205	226	< 1	< 0.01	6	260	< 2	< 2	< 1	14	< 0.01	< 10	< 10	6	< 10	16
7125	205	226	< 1	< 0.01	< 1	320	< 2	6	1	18	0.01	< 10	< 10	48	< 10	20
7151	205	226	9	0.01	3	230	4	4	< 1	9	< 0.01	< 10	< 10	12	< 10	80

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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A9522390

Comments: ATN; M. ROSATELLI

CERTIFICATE A9522390

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 27-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	16	Geochem ring to approx 150 mesh
226	16	0-3 Kg crush and split
3202	16	Rock - save entire reject
229	16	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	16	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	16	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	16	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	16	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	16	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	16	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	16	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	16	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	16	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	16	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	16	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	16	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	16	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	16	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	16	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	16	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	16	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	16	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	16	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	16	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	16	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	16	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	16	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	16	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	16	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	16	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	16	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	16	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	16	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	16	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	16	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	16	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	16	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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Total Pages : 1
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CERTIFICATE OF ANALYSIS A9522390

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6633	205	226	< 5	0.4	1.00	14	40	< 0.5	2	0.22	2.0	16	163	95	14.55	< 10	20	0.08	10	0.23	5080
6638	205	226	< 5	< 0.2	1.42	22	20	< 0.5	2	2.07	1.5	14	69	90	14.25	< 10	70	0.22	< 10	2.15	4390
6642	205	226	30	< 0.2	1.86	14	110	0.5	2	0.58	< 0.5	12	121	50	6.77	< 10	30	0.49	20	1.10	1905
6644	205	226	< 5	0.2	1.13	44	30	< 0.5	< 2	1.99	3.0	14	83	78	12.35	< 10	180	0.33	< 10	1.51	2660
6645	205	226	< 5	< 0.2	1.59	8	110	0.5	< 2	0.89	2.0	9	110	103	10.00	< 10	90	0.35	10	1.16	2370
6647	205	226	< 5	0.2	0.72	50	20	< 0.5	4	1.30	2.0	34	125	108	13.75	< 10	80	0.27	< 10	1.25	4070
7050	205	226	< 5	< 0.2	0.16	4	10	< 0.5	< 2	0.02	< 0.5	1	169	37	3.72	< 10	10	0.12	< 10	0.02	150
7051	205	226	< 5	0.4	0.70	< 2	30	< 0.5	< 2	0.01	< 0.5	< 1	78	3	0.61	< 10	90	0.52	30	0.04	60
7052	205	226	5	0.2	0.11	4	< 10	< 0.5	< 2	0.04	< 0.5	< 1	282	41	1.75	< 10	110	0.06	< 10	0.01	295
7053	205	226	30	3.6	0.74	58	20	< 0.5	< 2	0.07	0.5	2	45	300	>15.00	< 10	700	0.28	20	0.09	1025
7054	205	226	< 5	0.2	0.45	12	20	< 0.5	< 2	< 0.01	< 0.5	< 1	38	15	2.19	< 10	200	0.33	30	0.02	35
7055	205	226	30	0.2	0.33	12	10	< 0.5	< 2	< 0.01	< 0.5	< 1	29	4	0.36	< 10	1160	0.26	30	0.01	20
7109	205	226	< 5	< 0.2	0.02	8	< 10	< 0.5	< 2	2.02	< 0.5	< 1	118	2	13.10	< 10	10	0.01	< 10	1.21	2030
7110	205	226	< 5	< 0.2	0.37	8	10	< 0.5	< 2	0.07	< 0.5	< 1	95	27	3.17	< 10	220	0.21	10	0.11	135
7111	205	226	< 5	0.2	0.14	32	< 10	< 0.5	< 2	< 0.01	0.5	< 1	153	68	9.45	< 10	570	0.13	< 10	0.01	25
7150	205	226	30	1.4	0.95	12	10	< 0.5	8	0.31	3.0	16	47	332	>15.00	< 10	40	0.16	< 10	0.54	330

CERTIFICATION: Stan Bechler

Chemex Labs Ltd.

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Project : KAN
Comments: ATN; M. ROSATELLI

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Certificate Date: 27-JUL-95
Invoice No. : I9522390
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9522390

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6633	205	226	8	0.01	84	660	8	< 2	1	17	0.01	< 10	< 10	25	< 10	220
6638	205	226	10	0.02	59	670	14	< 2	2	35	0.06	< 10	< 10	55	< 10	308
6642	205	226	3	0.06	51	650	18	2	4	24	0.10	< 10	< 10	46	< 10	142
6644	205	226	10	0.02	72	490	24	< 2	2	51	0.03	< 10	< 10	42	< 10	568
6645	205	226	9	0.04	46	850	36	8	4	30	0.09	< 10	< 10	67	< 10	364
6647	205	226	16	0.01	59	760	12	< 2	1	36	0.03	< 10	< 10	48	< 10	340
7050	205	226	1	< 0.01	7	80	2	< 2	< 1	1	< 0.01	< 10	< 10	6	< 10	54
7051	205	226	2	0.01	2	70	12	< 2	1	4	< 0.01	< 10	< 10	15	< 10	6
7052	205	226	9	< 0.01	10	370	14	< 2	< 1	3	< 0.01	< 10	< 10	24	< 10	68
7053	205	226	185	0.01	56	3270	92	6	2	20	0.01	< 10	< 10	461	< 10	762
7054	205	226	17	0.01	2	200	18	< 2	< 1	3	< 0.01	< 10	< 10	25	< 10	28
7055	205	226	5	0.01	1	50	8	4	< 1	2	< 0.01	< 10	< 10	14	< 10	4
7109	205	226	< 1	< 0.01	7	310	2	< 2	< 1	31	< 0.01	< 10	< 10	8	< 10	10
7110	205	226	10	< 0.01	6	190	24	< 2	< 1	4	< 0.01	< 10	< 10	11	< 10	70
7111	205	226	14	< 0.01	4	190	26	< 2	< 1	4	< 0.01	< 10	< 10	12	< 10	100
7150	205	226	8	< 0.01	94	210	38	< 2	< 1	10	< 0.01	< 10	< 10	15	< 10	852

CERTIFICATION: _____

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Project : KAN
Comments: ATN; M. ROSATELLI

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CERTIFICATE OF ANALYSIS A9522390

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6633	205	226	< 5	0.4	1.00	14	40	< 0.5	2	0.22	2.0	16	163	95	14.55	< 10	20	0.08	10	0.23	5080
6638	205	226	< 5	< 0.2	1.42	22	20	< 0.5	2	2.07	1.5	14	69	90	14.25	< 10	70	0.22	< 10	2.15	4390
6642	205	226	30	< 0.2	1.86	14	110	0.5	2	0.58	< 0.5	12	121	50	6.77	< 10	30	0.49	20	1.10	1905
6644	205	226	< 5	0.2	1.13	44	30	< 0.5	< 2	1.99	3.0	14	83	78	12.35	< 10	180	0.33	< 10	1.51	2660
6645	205	226	< 5	< 0.2	1.59	8	110	0.5	< 2	0.89	2.0	9	110	103	10.00	< 10	90	0.35	10	1.16	2370
6647	205	226	< 5	0.2	0.72	50	20	< 0.5	4	1.30	2.0	34	125	108	13.75	< 10	80	0.27	< 10	1.25	4070
7050	205	226	< 5	< 0.2	0.16	4	10	< 0.5	< 2	0.02	< 0.5	1	169	37	3.72	< 10	10	0.12	< 10	0.02	150
7051	205	226	< 5	0.4	0.70	< 2	30	< 0.5	< 2	0.01	< 0.5	< 1	78	3	0.61	< 10	90	0.52	30	0.04	60
7052	205	226	5	0.2	0.11	4	< 10	< 0.5	< 2	0.04	< 0.5	< 1	282	41	1.75	< 10	110	0.06	< 10	0.01	295
7053	205	226	30	3.6	0.74	58	20	< 0.5	< 2	0.07	0.5	2	45	300	>15.00	< 10	700	0.28	20	0.09	1025
7054	205	226	< 5	0.2	0.45	12	20	< 0.5	< 2	< 0.01	< 0.5	< 1	38	15	2.19	< 10	200	0.33	30	0.02	35
7055	205	226	30	0.2	0.33	12	10	< 0.5	< 2	< 0.01	< 0.5	< 1	29	4	0.36	< 10	1160	0.26	30	0.01	20
7109	205	226	< 5	< 0.2	0.02	8	< 10	< 0.5	< 2	2.02	< 0.5	< 1	118	2	13.10	< 10	10	0.01	< 10	1.21	2030
7110	205	226	< 5	< 0.2	0.37	8	10	< 0.5	< 2	0.07	< 0.5	< 1	95	27	3.17	< 10	220	0.21	10	0.11	135
7111	205	226	< 5	0.2	0.14	32	< 10	< 0.5	< 2	< 0.01	0.5	< 1	153	68	9.45	< 10	570	0.13	< 10	0.01	25
7150	205	226	30	1.4	0.95	12	10	< 0.5	8	0.31	3.0	16	47	332	>15.00	< 10	40	0.16	< 10	0.54	330

CERTIFICATION: Ian Bickler

Chemex Labs Ltd.

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Project : KAN
Comments: ATN; M. ROSATELLI

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Total Pages :1
Certificate Date: 27-JUL-95
Invoice No. :I9522390
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9522390

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6633	205 226	8	0.01	84	660	8	< 2	1	17	0.01	< 10	< 10	25	< 10	220
6638	205 226	10	0.02	59	670	14	< 2	2	35	0.06	< 10	< 10	55	< 10	308
6642	205 226	3	0.06	51	650	18	2	4	24	0.10	< 10	< 10	46	< 10	142
6644	205 226	10	0.02	72	490	24	< 2	2	51	0.03	< 10	< 10	42	< 10	568
6645	205 226	9	0.04	46	850	36	8	4	30	0.09	< 10	< 10	67	< 10	364
6647	205 226	16	0.01	59	760	12	< 2	1	36	0.03	< 10	< 10	48	< 10	340
7050	205 226	1	< 0.01	7	80	2	< 2	< 1	1	< 0.01	< 10	< 10	6	< 10	54
7051	205 226	2	0.01	2	70	12	< 2	1	4	< 0.01	< 10	< 10	15	< 10	6
7052	205 226	9	< 0.01	10	370	14	< 2	< 1	3	< 0.01	< 10	< 10	24	< 10	68
7053	205 226	185	0.01	56	3270	92	6	2	20	0.01	< 10	< 10	461	< 10	762
7054	205 226	17	0.01	2	200	18	< 2	< 1	3	< 0.01	< 10	< 10	25	< 10	28
7055	205 226	5	0.01	1	50	8	4	< 1	2	< 0.01	< 10	< 10	14	< 10	4
7109	205 226	< 1	< 0.01	7	310	2	< 2	< 1	31	< 0.01	< 10	< 10	8	< 10	10
7110	205 226	10	< 0.01	6	190	24	< 2	< 1	4	< 0.01	< 10	< 10	11	< 10	70
7111	205 226	14	< 0.01	4	190	26	< 2	< 1	4	< 0.01	< 10	< 10	12	< 10	100
7150	205 226	8	< 0.01	94	210	38	< 2	< 1	10	< 0.01	< 10	< 10	15	< 10	852

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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10-08-1995

A9522519

Comments: ATTN: M. ROSATELLI

CERTIFICATE A9522519

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	43	Geochem ring to approx 150 mesh
226	43	0-3 Kg crush and split
3202	43	Rock - save entire reject
229	43	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	43	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	43	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	43	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	43	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	43	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	43	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	43	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	43	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	43	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	43	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	43	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	43	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	43	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	43	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	43	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	43	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	43	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	43	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	43	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	43	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	43	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	43	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	43	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	43	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	43	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	43	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	43	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	43	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	43	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	43	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	43	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	43	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	43	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : KAN
Comments: ATTN: M. ROSATELLI

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Invoice No. :19522519
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9522519

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6648	205	226	15	0.8	1.02	44	40	< 0.5	2	1.40	3.5	10	154	103	9.21	< 10	290	0.27	10	1.24	2110
6650	205	226	5	0.4	0.72	38	20	< 0.5	< 2	1.46	2.0	11	91	69	9.75	< 10	170	0.22	< 10	1.56	3130
6651	205	226	< 5	< 0.2	1.22	4	40	< 0.5	4	0.18	0.5	10	85	20	12.20	< 10	20	0.49	10	0.71	8830
6653	205	226	< 5	0.2	0.89	158	10	< 0.5	< 2	0.20	< 0.5	40	97	66	>15.00	< 10	630	0.26	10	0.38	870
6655	205	226	20	0.6	0.84	188	< 10	< 0.5	4	0.09	< 0.5	52	79	206	>15.00	< 10	560	0.23	< 10	0.38	185
6657	205	226	< 5	0.4	0.56	48	10	< 0.5	< 2	1.72	0.5	22	225	98	11.50	< 10	70	0.06	< 10	1.30	2340
6658	205	226	< 5	< 0.2	0.98	18	30	< 0.5	< 2	2.46	< 0.5	7	192	21	10.35	< 10	50	0.19	< 10	2.25	3400
6659	205	226	< 5	0.6	1.64	40	60	< 0.5	< 2	0.55	1.0	19	419	66	8.45	< 10	190	0.64	10	0.64	940
6663	205	226	< 5	0.4	0.96	26	20	< 0.5	< 2	1.34	3.5	12	104	82	10.00	< 10	180	0.25	< 10	1.34	4360
6664	205	226	< 5	0.6	1.44	20	30	< 0.5	< 2	0.97	2.0	9	78	100	9.05	< 10	190	0.26	10	1.22	1255
6666	205	226	20	1.2	1.44	80	30	< 0.5	< 2	0.70	2.0	18	191	86	10.50	< 10	320	0.39	< 10	0.87	1085
6667	205	226	15	0.8	1.95	64	20	< 0.5	2	1.18	6.0	21	109	134	11.30	< 10	320	0.14	< 10	1.56	1910
6668	205	226	25	0.8	0.85	64	20	< 0.5	4	1.22	3.5	15	77	195	10.00	< 10	340	0.21	< 10	0.89	890
6669	205	226	20	1.0	0.77	28	20	< 0.5	< 2	1.65	3.5	9	67	141	12.65	< 10	290	0.17	< 10	1.52	5640
6671	205	226	15	1.4	0.86	220	20	< 0.5	< 2	2.07	3.5	10	69	242	12.20	< 10	270	0.14	< 10	1.47	2850
6674	205	226	< 5	0.8	0.95	52	30	< 0.5	< 2	0.24	18.0	31	94	232	13.35	< 10	290	0.21	< 10	0.27	1285
7155	205	226	< 5	< 0.2	0.08	8	< 10	< 0.5	< 2	0.02	< 0.5	1	172	16	2.73	< 10	20	0.04	< 10	0.06	210
7156	205	226	< 5	< 0.2	0.13	12	< 10	< 0.5	< 2	0.19	0.5	4	148	55	5.94	< 10	30	0.04	< 10	0.08	190
7157	205	226	< 5	< 0.2	2.32	6	< 10	< 0.5	4	0.01	< 0.5	< 1	123	53	14.00	10	20	0.02	< 10	1.61	1040
7158	205	226	5	< 0.2	1.06	30	< 10	< 0.5	< 2	0.05	< 0.5	7	135	25	12.40	< 10	30	0.13	< 10	0.99	1225
7159	205	226	110	31.0	0.07	2	< 10	< 0.5	< 2	0.79	< 0.5	2	199	14	5.72	< 10	30	0.01	< 10	0.44	1195
7160	205	226	245	0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.02	< 0.5	4	188	28	4.54	< 10	10	< 0.01	< 10	0.05	345
7161	205	226	< 5	0.2	0.46	2	10	< 0.5	< 2	< 0.01	< 0.5	< 1	74	31	6.47	< 10	100	0.17	10	0.08	45
7162	205	226	< 5	0.4	0.49	12	10	< 0.5	< 2	0.58	5.5	7	59	144	5.55	< 10	190	0.15	10	0.12	1030
7163	205	226	50	3.2	0.21	48	10	< 0.5	< 2	0.07	0.5	1	62	108	8.16	< 10	710	0.16	< 10	0.03	60
7164	205	226	35	2.4	0.66	10	20	< 0.5	< 2	0.12	3.5	6	49	285	10.65	< 10	810	0.16	20	0.13	430
7165	205	226	35	1.8	0.83	120	10	< 0.5	< 2	0.48	4.5	3	51	163	>15.00	< 10	520	0.13	< 10	0.28	3120
7205	205	226	< 5	0.2	0.03	4	< 10	< 0.5	< 2	0.07	< 0.5	7	230	18	3.54	< 10	30	< 0.01	< 10	0.02	290
7206	205	226	< 5	< 0.2	0.07	12	20	1.5	< 2	0.36	< 0.5	3	72	3	>15.00	< 10	30	0.01	< 10	0.06	570
7207	205	226	< 5	0.4	0.04	256	< 10	< 0.5	< 2	0.14	< 0.5	40	71	18	>15.00	< 10	560	< 0.01	< 10	0.34	1315
7208	205	226	< 5	0.4	0.36	4	< 10	< 0.5	< 2	0.09	< 0.5	7	127	33	>15.00	< 10	390	0.06	< 10	0.75	1900
7209	205	226	15	0.6	0.35	52	10	< 0.5	< 2	0.34	< 0.5	16	101	100	7.97	< 10	250	0.21	10	0.21	510
7210	205	226	< 5	< 0.2	0.01	< 2	< 10	< 0.5	< 2	0.08	< 0.5	< 1	230	8	1.53	< 10	30	< 0.01	< 10	0.08	280
7211	205	226	< 5	< 0.2	0.04	12	< 10	< 0.5	4	2.72	< 0.5	3	97	1	12.10	< 10	10	0.03	< 10	2.52	7350
7212	205	226	5	0.4	0.38	4	30	< 0.5	< 2	0.02	< 0.5	2	40	60	5.47	< 10	360	0.26	30	0.04	85
7213	205	226	10	0.6	0.31	12	20	< 0.5	< 2	0.23	1.0	13	66	104	7.54	< 10	320	0.20	10	0.44	470
7214	205	226	20	0.8	0.33	222	10	< 0.5	2	0.45	1.0	22	41	146	13.85	< 10	540	0.18	< 10	0.73	905
7215	205	226	< 5	< 0.2	0.01	4	< 10	< 0.5	< 2	0.01	< 0.5	7	177	64	7.27	< 10	40	< 0.01	< 10	0.01	50
7216	205	226	< 5	< 0.2	0.15	6	< 10	< 0.5	< 2	2.18	0.5	4	100	12	13.75	< 10	20	0.03	< 10	2.38	6600
7217	205	226	< 5	< 0.2	0.01	8	10	< 0.5	< 2	2.02	< 0.5	< 1	105	10	11.95	< 10	20	< 0.01	< 10	1.91	2160

CERTIFICATION: Stan Pezzotti

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

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Certificate Date: 02-AUG-95
Invoice No. :I9522519
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9522519

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6648	205	226	28	0.02	95	1060	12	< 2	2	33	0.04	< 10	< 10	83	< 10	768
6650	205	226	11	0.01	60	560	16	< 2	1	34	0.01	< 10	< 10	37	< 10	416
6651	205	226	< 1	< 0.01	35	360	< 2	< 2	2	16	0.07	< 10	< 10	34	< 10	162
6653	205	226	9	0.02	94	310	22	4	1	9	0.03	< 10	< 10	25	< 10	232
6655	205	226	7	0.01	55	150	14	< 2	< 1	3	< 0.01	< 10	< 10	19	< 10	146
6657	205	226	6	< 0.01	67	230	< 2	< 2	< 1	46	0.04	< 10	< 10	30	< 10	168
6658	205	226	1	0.03	21	390	< 2	< 2	3	49	0.04	< 10	< 10	42	< 10	88
6659	205	226	11	0.08	74	390	20	< 2	3	20	0.02	< 10	< 10	55	< 10	258
6663	205	226	14	0.01	59	610	2	< 2	1	33	0.02	< 10	< 10	51	< 10	742
6664	205	226	17	0.01	78	740	12	< 2	2	30	0.01	< 10	< 10	48	< 10	474
6666	205	226	39	0.02	121	690	34	< 2	2	20	0.04	< 10	10	117	< 10	456
6667	205	226	38	0.01	115	640	28	< 2	7	21	0.04	< 10	< 10	176	< 10	1030
6668	205	226	22	0.01	100	520	28	< 2	1	23	0.02	< 10	< 10	53	< 10	750
6669	205	226	33	< 0.01	122	1190	14	6	1	59	0.01	< 10	< 10	101	< 10	762
6671	205	226	69	0.01	120	2060	34	< 2	1	43	0.01	< 10	10	257	< 10	646
6674	205	226	30	0.01	90	1820	22	< 2	4	11	0.02	< 10	10	114	< 10	502
7155	205	226	3	< 0.01	5	120	< 2	< 2	< 1	1	< 0.01	< 10	< 10	6	< 10	12
7156	205	226	7	< 0.01	15	210	2	< 2	< 1	10	< 0.01	< 10	< 10	14	< 10	24
7157	205	226	< 1	< 0.01	6	< 10	< 2	< 2	1	< 1	< 0.01	< 10	< 10	86	< 10	148
7158	205	226	3	< 0.01	24	160	< 2	6	2	4	< 0.01	< 10	< 10	28	< 10	152
7159	205	226	< 1	< 0.01	9	40	< 2	2	< 1	31	< 0.01	< 10	< 10	2	< 10	18
7160	205	226	< 1	< 0.01	8	< 10	< 2	< 2	< 1	1	< 0.01	< 10	< 10	1	< 10	4
7161	205	226	10	< 0.01	2	310	4	< 2	1	2	< 0.01	< 10	< 10	11	< 10	112
7162	205	226	15	< 0.01	96	170	2	< 2	1	10	< 0.01	< 10	< 10	13	< 10	580
7163	205	226	120	0.02	11	1720	56	< 2	< 1	19	< 0.01	< 10	< 10	305	< 10	230
7164	205	226	146	< 0.01	65	2040	68	2	1	8	< 0.01	< 10	40	362	< 10	1285
7165	205	226	128	< 0.01	78	2510	42	< 2	1	17	< 0.01	< 10	20	488	< 10	1175
7205	205	226	4	< 0.01	13	100	< 2	< 2	< 1	1	< 0.01	< 10	< 10	17	< 10	46
7206	205	226	2	< 0.01	4	520	< 2	< 2	< 1	6	0.01	< 10	< 10	72	< 10	26
7207	205	226	< 1	< 0.01	43	210	14	< 2	< 1	4	< 0.01	< 10	< 10	18	< 10	16
7208	205	226	1	< 0.01	15	100	< 2	2	< 1	2	< 0.01	< 10	< 10	18	< 10	36
7209	205	226	16	< 0.01	37	290	12	< 2	< 1	17	< 0.01	< 10	< 10	24	< 10	76
7210	205	226	< 1	< 0.01	10	30	< 2	< 2	< 1	2	< 0.01	< 10	< 10	1	< 10	28
7211	205	226	< 1	< 0.01	5	300	< 2	< 2	1	49	< 0.01	< 10	< 10	6	< 10	42
7212	205	226	24	< 0.01	9	390	6	2	1	3	< 0.01	< 10	< 10	17	< 10	72
7213	205	226	18	< 0.01	47	360	6	< 2	< 1	8	< 0.01	< 10	< 10	13	< 10	336
7214	205	226	13	< 0.01	118	410	40	< 2	< 1	17	< 0.01	< 10	< 10	11	< 10	522
7215	205	226	< 1	< 0.01	57	< 10	< 2	2	< 1	< 1	< 0.01	< 10	< 10	1	< 10	4
7216	205	226	< 1	< 0.01	12	220	< 2	< 2	1	58	< 0.01	< 10	< 10	8	< 10	64
7217	205	226	< 1	< 0.01	8	130	< 2	4	< 1	38	< 0.01	< 10	< 10	2	< 10	46

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
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Certificate Date: 02-AUG-95
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CERTIFICATE OF ANALYSIS A9522519

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7218	205	226	< 5	0.2	0.30	8	20	< 0.5	< 2	0.22	< 0.5	7	42	127	8.68	< 10	190	0.20	10	0.36	460
7219	205	226	< 5	0.4	0.45	4	20	< 0.5	< 2	0.34	1.0	14	55	97	9.11	< 10	280	0.23	10	0.43	370
7220	205	226	15	0.2	0.16	348	< 10	< 0.5	< 2	0.14	< 0.5	14	119	117	12.55	< 10	20	0.01	< 10	0.13	740

CERTIFICATION:

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7218	205	226	16	< 0.01	39	270	4	< 2	< 1	8	< 0.01	< 10	< 10	11	< 10	128
7219	205	226	21	< 0.01	67	420	6	< 2	< 1	11	< 0.01	< 10	< 10	20	< 10	430
7220	205	226	2	< 0.01	55	170	< 2	< 2	< 1	3	< 0.01	< 10	< 10	12	< 10	20

CERTIFICATION:_____

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6648	205	226	15	0.8	1.02	44	40	< 0.5	2	1.40	3.5	10	154	103	9.21	< 10	290	0.27	10	1.24	2110
6650	205	226	5	0.4	0.72	38	20	< 0.5	< 2	1.46	2.0	11	91	69	9.75	< 10	170	0.22	< 10	1.56	3130
6651	205	226	< 5	< 0.2	1.22	4	40	< 0.5	4	0.18	0.5	10	85	20	12.20	< 10	20	0.49	10	0.71	8830
6653	205	226	< 5	0.2	0.89	158	10	< 0.5	< 2	0.20	< 0.5	40	97	66	>15.00	< 10	630	0.26	10	0.38	870
6655	205	226	20	0.6	0.84	188	< 10	< 0.5	4	0.09	< 0.5	52	79	206	>15.00	< 10	560	0.23	< 10	0.38	185
6657	205	226	< 5	0.4	0.56	48	10	< 0.5	< 2	1.72	0.5	22	225	98	11.50	< 10	70	0.06	< 10	1.30	2340
6658	205	226	< 5	< 0.2	0.98	18	30	< 0.5	< 2	2.46	< 0.5	7	192	21	10.35	< 10	50	0.19	< 10	2.25	3400
6659	205	226	< 5	0.6	1.64	40	60	< 0.5	< 2	0.55	1.0	19	419	66	8.45	< 10	190	0.64	10	0.64	940
6663	205	226	< 5	0.4	0.96	26	20	< 0.5	< 2	1.34	3.5	12	104	82	10.00	< 10	180	0.25	< 10	1.34	4360
6664	205	226	< 5	0.6	1.44	20	30	< 0.5	< 2	0.97	2.0	9	78	100	9.05	< 10	190	0.26	10	1.22	1255
6666	205	226	20	1.2	1.44	80	30	< 0.5	< 2	0.70	2.0	18	191	86	10.50	< 10	320	0.39	< 10	0.87	1085
6667	205	226	15	0.8	1.95	64	20	< 0.5	2	1.18	6.0	21	109	134	11.30	< 10	320	0.14	< 10	1.56	1910
6668	205	226	25	0.8	0.85	64	20	< 0.5	4	1.22	3.5	15	77	195	10.00	< 10	340	0.21	< 10	0.89	890
6669	205	226	20	1.0	0.77	28	20	< 0.5	< 2	1.65	3.5	9	67	141	12.65	< 10	290	0.17	< 10	1.52	5640
6671	205	226	15	1.4	0.86	220	20	< 0.5	< 2	2.07	3.5	10	69	242	12.20	< 10	270	0.14	< 10	1.47	2850
6674	205	226	< 5	0.8	0.95	52	30	< 0.5	< 2	0.24	18.0	31	94	232	13.35	< 10	290	0.21	< 10	0.27	1285
7155	205	226	< 5	< 0.2	0.08	8	< 10	< 0.5	< 2	0.02	< 0.5	1	172	16	2.73	< 10	20	0.04	< 10	0.06	210
7156	205	226	< 5	< 0.2	0.13	12	< 10	< 0.5	< 2	0.19	0.5	4	148	55	5.94	< 10	30	0.04	< 10	0.08	190
7157	205	226	< 5	< 0.2	2.32	6	< 10	< 0.5	4	0.01	< 0.5	< 1	123	53	14.00	10	20	0.02	< 10	1.61	1040
7158	205	226	5	< 0.2	1.06	30	< 10	< 0.5	< 2	0.05	< 0.5	7	135	25	12.40	< 10	30	0.13	< 10	0.99	1225
7159	205	226	110	31.0	0.07	2	< 10	< 0.5	< 2	0.79	< 0.5	2	199	14	5.72	< 10	30	0.01	< 10	0.44	1195
7160	205	226	245	0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.02	< 0.5	4	188	28	4.54	< 10	10	< 0.01	< 10	0.05	345
7161	205	226	< 5	0.2	0.46	2	10	< 0.5	< 2	< 0.01	< 0.5	< 1	74	31	6.47	< 10	100	0.17	10	0.08	45
7162	205	226	< 5	0.4	0.49	12	10	< 0.5	< 2	0.58	5.5	7	59	144	5.55	< 10	190	0.15	10	0.12	1030
7163	205	226	50	3.2	0.21	48	10	< 0.5	< 2	0.07	0.5	1	62	108	8.16	< 10	710	0.16	< 10	0.03	60
7164	205	226	35	2.4	0.66	10	20	< 0.5	< 2	0.12	3.5	6	49	285	10.65	< 10	810	0.16	20	0.13	430
7165	205	226	35	1.8	0.83	120	10	< 0.5	< 2	0.48	4.5	3	51	163	>15.00	< 10	520	0.13	< 10	0.28	3120
7205	205	226	< 5	0.2	0.03	4	< 10	< 0.5	< 2	0.07	< 0.5	7	230	18	3.54	< 10	30	< 0.01	< 10	0.02	290
7206	205	226	< 5	< 0.2	0.07	12	20	1.5	< 2	0.36	< 0.5	3	72	3	>15.00	< 10	30	0.01	< 10	0.06	570
7207	205	226	< 5	0.4	0.04	256	< 10	< 0.5	< 2	0.14	< 0.5	40	71	18	>15.00	< 10	560	< 0.01	< 10	0.34	1315
7208	205	226	< 5	0.4	0.36	4	< 10	< 0.5	< 2	0.09	< 0.5	7	127	33	>15.00	< 10	390	0.06	< 10	0.75	1900
7209	205	226	15	0.6	0.35	52	10	< 0.5	< 2	0.34	< 0.5	16	101	100	7.97	< 10	250	0.21	10	0.21	510
7210	205	226	< 5	< 0.2	0.01	< 2	< 10	< 0.5	< 2	0.08	< 0.5	< 1	230	8	1.53	< 10	30	< 0.01	< 10	0.08	280
7211	205	226	< 5	< 0.2	0.04	12	< 10	< 0.5	4	2.72	< 0.5	3	97	1	12.10	< 10	10	0.03	< 10	2.52	7350
7212	205	226	5	0.4	0.38	4	30	< 0.5	< 2	0.02	< 0.5	2	40	60	5.47	< 10	360	0.26	30	0.04	85
7213	205	226	10	0.6	0.31	12	20	< 0.5	< 2	0.23	1.0	13	66	104	7.54	< 10	320	0.20	10	0.44	470
7214	205	226	20	0.8	0.33	222	10	< 0.5	2	0.45	1.0	22	41	146	13.85	< 10	540	0.18	< 10	0.73	905
7215	205	226	< 5	< 0.2	0.01	4	< 10	< 0.5	< 2	0.01	< 0.5	7	177	64	7.27	< 10	40	< 0.01	< 10	0.01	50
7216	205	226	< 5	< 0.2	0.15	6	< 10	< 0.5	< 2	2.18	0.5	4	100	12	13.75	< 10	20	0.03	< 10	2.38	6600
7217	205	226	< 5	< 0.2	0.01	8	10	< 0.5	< 2	2.02	< 0.5	< 1	105	10	11.95	< 10	20	< 0.01	< 10	1.91	2160

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6648	205	226	28	0.02	95	1060	12	< 2	2	33	0.04	< 10	< 10	83	< 10	768
6650	205	226	11	0.01	60	560	16	< 2	1	34	0.01	< 10	< 10	37	< 10	416
6651	205	226	< 1	< 0.01	35	360	< 2	< 2	2	16	0.07	< 10	< 10	34	< 10	162
6653	205	226	9	0.02	94	310	22	4	1	9	0.03	< 10	< 10	25	< 10	232
6655	205	226	7	0.01	55	150	14	< 2	< 1	3	< 0.01	< 10	< 10	19	< 10	146
6657	205	226	6	< 0.01	67	230	< 2	< 2	< 1	46	0.04	< 10	< 10	30	< 10	168
6658	205	226	1	0.03	21	390	< 2	< 2	3	49	0.04	< 10	< 10	42	< 10	88
6659	205	226	11	0.08	74	390	20	< 2	3	20	0.02	< 10	< 10	55	< 10	258
6663	205	226	14	0.01	59	610	2	< 2	1	33	0.02	< 10	< 10	51	< 10	742
6664	205	226	17	0.01	78	740	12	< 2	2	30	0.01	< 10	< 10	48	< 10	474
6666	205	226	39	0.02	121	690	34	< 2	2	20	0.04	< 10	10	117	< 10	456
6667	205	226	38	0.01	115	640	28	< 2	7	21	0.04	< 10	< 10	176	< 10	1030
6668	205	226	22	0.01	100	520	28	< 2	1	23	0.02	< 10	< 10	53	< 10	750
6669	205	226	33	< 0.01	122	1190	14	6	1	59	0.01	< 10	< 10	101	< 10	762
6671	205	226	69	0.01	120	2060	34	< 2	1	43	0.01	< 10	10	257	< 10	646
6674	205	226	30	0.01	90	1820	22	< 2	4	11	0.02	< 10	10	114	< 10	502
7155	205	226	3	< 0.01	5	120	< 2	< 2	< 1	1	< 0.01	< 10	< 10	6	< 10	12
7156	205	226	7	< 0.01	15	210	2	< 2	< 1	10	< 0.01	< 10	< 10	14	< 10	24
7157	205	226	< 1	< 0.01	6	< 10	< 2	< 2	1	< 1	< 0.01	< 10	< 10	86	< 10	148
7158	205	226	3	< 0.01	24	160	< 2	6	2	4	< 0.01	< 10	< 10	28	< 10	152
7159	205	226	< 1	< 0.01	9	40	< 2	2	< 1	31	< 0.01	< 10	< 10	2	< 10	18
7160	205	226	< 1	< 0.01	8	< 10	< 2	< 2	< 1	1	< 0.01	< 10	< 10	1	< 10	4
7161	205	226	10	< 0.01	2	310	4	< 2	1	2	< 0.01	< 10	< 10	11	< 10	112
7162	205	226	15	< 0.01	96	170	2	< 2	1	10	< 0.01	< 10	< 10	13	< 10	580
7163	205	226	120	0.02	11	1720	56	< 2	< 1	19	< 0.01	< 10	< 10	305	< 10	230
7164	205	226	146	< 0.01	65	2040	68	2	1	8	< 0.01	< 10	40	362	< 10	1285
7165	205	226	128	< 0.01	78	2510	42	< 2	1	17	< 0.01	< 10	20	488	< 10	1175
7205	205	226	4	< 0.01	13	100	< 2	< 2	< 1	1	< 0.01	< 10	< 10	17	< 10	46
7206	205	226	2	< 0.01	4	520	< 2	< 2	< 1	6	0.01	< 10	< 10	72	< 10	26
7207	205	226	< 1	< 0.01	43	210	14	< 2	< 1	4	< 0.01	< 10	< 10	18	< 10	16
7208	205	226	1	< 0.01	15	100	< 2	2	< 1	2	< 0.01	< 10	< 10	18	< 10	36
7209	205	226	16	< 0.01	37	290	12	< 2	< 1	17	< 0.01	< 10	< 10	24	< 10	76
7210	205	226	< 1	< 0.01	10	30	< 2	< 2	< 1	2	< 0.01	< 10	< 10	1	< 10	28
7211	205	226	< 1	< 0.01	5	300	< 2	< 2	1	49	< 0.01	< 10	< 10	6	< 10	42
7212	205	226	24	< 0.01	9	390	6	2	1	3	< 0.01	< 10	< 10	17	< 10	72
7213	205	226	18	< 0.01	47	360	6	< 2	< 1	8	< 0.01	< 10	< 10	13	< 10	336
7214	205	226	13	< 0.01	118	410	40	< 2	< 1	17	< 0.01	< 10	< 10	11	< 10	522
7215	205	226	< 1	< 0.01	57	< 10	< 2	2	< 1	< 1	< 0.01	< 10	< 10	1	< 10	4
7216	205	226	< 1	< 0.01	12	220	< 2	< 2	1	58	< 0.01	< 10	< 10	8	< 10	64
7217	205	226	< 1	< 0.01	8	130	< 2	4	< 1	38	< 0.01	< 10	< 10	2	< 10	46

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
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Project : KAN
Comments: ATTN: M. ROSATELLI

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Certificate Date: 02-AUG-95
Invoice No. :I9522519
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9522519

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7218	205	226	< 5	0.2	0.30	8	20	< 0.5	< 2	0.22	< 0.5	7	42	127	8.68	< 10	190	0.20	10	0.36	460
7219	205	226	< 5	0.4	0.45	4	20	< 0.5	< 2	0.34	1.0	14	55	97	9.11	< 10	280	0.23	10	0.43	370
7220	205	226	15	0.2	0.16	348	< 10	< 0.5	< 2	0.14	< 0.5	14	119	117	12.55	< 10	20	0.01	< 10	0.13	740

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CERTIFICATE OF ANALYSIS A9522519

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7218	205	226	16	< 0.01	39	270	4	< 2	< 1	8	< 0.01	< 10	< 10	11	< 10	128
7219	205	226	21	< 0.01	67	420	6	< 2	< 1	11	< 0.01	< 10	< 10	20	< 10	430
7220	205	226	2	< 0.01	55	170	< 2	< 2	< 1	3	< 0.01	< 10	< 10	12	< 10	20

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10 -08- 1995

A9522938

Comments: ATTN: M. ROSATELLI

CERTIFICATE A9522938

(LZV) - KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 3-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
235	10	Pan con ring to approx 150 mesh
229	10	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2118	10	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	10	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	10	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	10	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	10	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	10	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	10	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	10	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	10	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	10	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	10	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	10	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	10	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	10	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	10	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	10	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	10	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	10	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	10	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	10	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	10	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	10	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	10	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	10	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	10	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	10	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	10	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	10	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	10	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	10	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	10	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	10	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project :
Comments: ATTN: M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 03-AUG-95
Invoice No. : I9522938
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9522938

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
6649	235	229	< 0.2	2.33	40	100	0.5	< 2	1.77	< 0.5	19	569	34	>15.00	< 10	< 1	0.41	50	1.74	2020	2
6652	235	229	< 0.2	0.45	< 2	10	0.5	< 2	1.84	< 0.5	9	192	26	>15.00	< 10	1	0.11	< 10	2.75	>10000	2
6654	235	229	< 0.2	1.58	106	60	0.5	2	0.37	0.5	21	95	105	>15.00	< 10	< 1	0.29	30	0.91	1945	7
6656	235	229	< 0.2	2.00	64	120	1.0	< 2	1.06	1.0	18	341	42	>15.00	< 10	2	0.41	40	1.58	5380	7
6660	235	229	< 0.2	2.41	30	140	1.0	< 2	1.05	2.0	26	308	57	>15.00	< 10	< 1	0.59	40	1.11	4180	10
6661	235	229	< 0.2	3.34	44	180	1.0	< 2	2.99	0.5	32	1075	108	>15.00	20	< 1	0.81	80	2.50	3850	5
6662	235	229	< 0.2	2.82	32	80	0.5	2	4.20	0.5	24	736	115	11.70	10	< 1	0.43	40	3.22	1600	3
6665	235	229	< 0.2	1.19	4	120	0.5	< 2	0.89	0.5	13	197	36	>15.00	< 10	1	0.14	40	0.67	3370	4
6670	235	229	< 0.2	1.94	16	80	0.5	< 2	1.76	0.5	14	224	57	>15.00	< 10	< 1	0.32	30	1.28	1535	6
6672	235	229	< 0.2	1.96	6	70	0.5	< 2	1.22	< 0.5	18	138	31	>15.00	< 10	1	0.43	30	1.27	1415	4

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Comments: ATTN: M. ROSATELLI

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CERTIFICATE OF ANALYSIS A9522938

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6649	235	229	0.18	42	1280	8	< 2	16	56	0.26	< 10	< 10	178	< 10	116
6652	235	229	< 0.01	18	460	4	< 2	1	23	0.02	< 10	< 10	29	< 10	48
6654	235	229	0.05	42	560	14	< 2	5	15	0.09	< 10	< 10	67	< 10	466
6656	235	229	0.12	71	610	10	2	9	29	0.26	< 10	< 10	106	< 10	738
6660	235	229	0.17	81	880	14	2	12	43	0.27	< 10	< 10	145	< 10	838
6661	235	229	0.28	82	1780	20	< 2	23	96	0.41	< 10	< 10	237	< 10	980
6662	235	229	0.16	75	1140	14	< 2	15	64	0.32	< 10	< 10	162	< 10	438
6665	235	229	0.09	39	630	18	2	7	36	0.17	< 10	< 10	143	< 10	116
6670	235	229	0.12	41	930	14	< 2	12	46	0.16	< 10	< 10	136	< 10	302
6672	235	229	0.09	27	1190	20	2	11	30	0.25	< 10	< 10	167	< 10	222

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Project :
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CERTIFICATE OF ANALYSIS A9522938

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
6649	235	229	< 0.2	2.33	40	100	0.5	< 2	1.77	< 0.5	19	569	34	>15.00	< 10	< 1	0.41	50	1.74	2020	2
6652	235	229	< 0.2	0.45	< 2	10	0.5	< 2	1.84	< 0.5	9	192	26	>15.00	< 10	1	0.11	< 10	2.75	>10000	2
6654	235	229	< 0.2	1.58	106	60	0.5	2	0.37	0.5	21	95	105	>15.00	< 10	< 1	0.29	30	0.91	1945	7
6656	235	229	< 0.2	2.00	64	120	1.0	< 2	1.06	1.0	18	341	42	>15.00	< 10	2	0.41	40	1.58	5380	7
6660	235	229	< 0.2	2.41	30	140	1.0	< 2	1.05	2.0	26	308	57	>15.00	< 10	< 1	0.59	40	1.11	4180	10
6661	235	229	< 0.2	3.34	44	180	1.0	< 2	2.99	0.5	32	1075	108	>15.00	20	< 1	0.81	80	2.50	3850	5
6662	235	229	< 0.2	2.82	32	80	0.5	2	4.20	0.5	24	736	115	11.70	10	< 1	0.43	40	3.22	1600	3
6665	235	229	< 0.2	1.19	4	120	0.5	< 2	0.89	0.5	13	197	36	>15.00	< 10	1	0.14	40	0.67	3370	4
6670	235	229	< 0.2	1.94	16	80	0.5	< 2	1.76	0.5	14	224	57	>15.00	< 10	< 1	0.32	30	1.28	1535	6
6672	235	229	< 0.2	1.96	6	70	0.5	< 2	1.22	< 0.5	18	138	31	>15.00	< 10	1	0.43	30	1.27	1415	4

CERTIFICATION:

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Project :
Comments: ATTN: M. ROSATELLI

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CERTIFICATE OF ANALYSIS A9522938

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6649	235	229	0.18	42	1280	8	< 2	16	56	0.26	< 10	< 10	178	< 10	116
6652	235	229	< 0.01	18	460	4	< 2	1	23	0.02	< 10	< 10	29	< 10	48
6654	235	229	0.05	42	560	14	< 2	5	15	0.09	< 10	< 10	67	< 10	466
6656	235	229	0.12	71	610	10	2	9	29	0.26	< 10	< 10	106	< 10	738
6660	235	229	0.17	81	880	14	2	12	43	0.27	< 10	< 10	145	< 10	838
6661	235	229	0.28	82	1780	20	< 2	23	96	0.41	< 10	< 10	237	< 10	980
6662	235	229	0.16	75	1140	14	< 2	15	64	0.32	< 10	< 10	162	< 10	438
6665	235	229	0.09	39	630	18	2	7	36	0.17	< 10	< 10	143	< 10	116
6670	235	229	0.12	41	930	14	< 2	12	46	0.16	< 10	< 10	136	< 10	302
6672	235	229	0.09	27	1190	20	2	11	30	0.25	< 10	< 10	167	< 10	222

CERTIFICATION: _____

Chemex Labs Ltd.

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- 9 -08- 1995

A9522388

Comments: ATN; M. ROSATELLI

CERTIFICATE A9522388

(LZV) - KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 30-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
235	12	Pan con ring to approx 150 mesh
229	12	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2118	12	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	12	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	12	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	12	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	12	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	12	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	12	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	12	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	12	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	12	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	12	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	12	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	12	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	12	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	12	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	12	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	12	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	12	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	12	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	12	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	12	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	12	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	12	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	12	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	12	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	12	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	12	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	12	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	12	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	12	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	12	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	12	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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Project :
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Certificate Date: 30-JUL-95
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CERTIFICATE OF ANALYSIS A9522388

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
6629	235	229	< 0.2	2.13	6	120	0.5	< 2	1.02	< 0.5	10	252	23	14.70	10	20	0.50	30	1.08	835	2
6630	235	229	0.2	1.48	14	230	0.5	< 2	0.40	< 0.5	4	600	37	>15.00	10	40	0.68	20	0.43	370	2
6631	235	229	< 0.2	2.57	6	100	0.5	8	1.25	< 0.5	13	159	21	13.15	10	10	0.61	40	1.29	915	2
6632	235	229	< 0.2	1.99	8	130	0.5	2	0.50	0.5	11	439	26	13.35	< 10	60	0.63	30	0.62	1185	1
6634	235	229	0.4	2.55	8	100	0.5	6	1.17	0.5	13	124	14	14.20	10	10	0.56	40	1.23	5480	2
6635	235	229	0.4	0.54	6	10	0.5	6	0.31	< 0.5	8	13	10	>15.00	< 10	< 10	0.07	10	0.55	>10000	1
6636	235	229	< 0.2	2.39	8	90	1.0	2	1.31	< 0.5	13	213	19	>15.00	10	10	0.50	50	1.23	2040	5
6637	235	229	< 0.2	2.70	8	70	0.5	4	0.69	0.5	21	199	14	12.90	10	10	0.28	30	1.70	1395	3
6639	235	229	< 0.2	2.16	12	140	0.5	4	0.93	< 0.5	11	263	18	>15.00	10	10	0.77	60	0.96	1120	2
6640	235	229	< 0.2	1.19	2	70	0.5	< 2	0.83	< 0.5	9	298	13	>15.00	< 10	10	0.27	50	0.67	1475	1
6641	235	229	< 0.2	2.53	12	90	0.5	4	2.19	< 0.5	15	271	21	>15.00	10	< 10	0.61	110	1.65	1380	3
6646	235	229	0.6	0.67	68	< 10	< 0.5	4	0.89	2.5	22	67	111	>15.00	< 10	80	0.09	< 10	2.64	9620	3

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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Project :
Comments: ATN; M. ROSATELLI

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P.O. Number :
Account : LZV

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SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6629	235	229	0.16	25	600	10	6	14	46	0.15	< 10	< 10	157	< 10	88
6630	235	229	0.20	16	420	12	8	7	32	0.12	< 10	< 10	127	< 10	46
6631	235	229	0.19	27	910	8	< 2	14	57	0.19	< 10	< 10	139	< 10	114
6632	235	229	0.28	26	420	18	< 2	8	48	0.13	< 10	< 10	125	< 10	136
6634	235	229	0.18	42	680	8	< 2	14	57	0.19	< 10	< 10	134	< 10	188
6635	235	229	0.02	14	1050	< 2	20	3	36	0.03	< 10	< 10	85	< 10	60
6636	235	229	0.21	34	1240	16	< 2	16	60	0.19	< 10	< 10	183	< 10	216
6637	235	229	0.10	38	1100	8	< 2	18	27	0.17	< 10	< 10	243	< 10	146
6639	235	229	0.14	25	890	12	12	10	38	0.22	< 10	< 10	192	< 10	86
6640	235	229	0.10	20	600	12	4	8	27	0.17	< 10	< 10	163	< 10	56
6641	235	229	0.29	30	1380	14	6	18	75	0.51	< 10	< 10	255	< 10	110
6646	235	229	< 0.01	52	580	12	18	1	13	0.02	< 10	< 10	53	< 10	484

CERTIFICATION: Ida J. Bucholz

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CERTIFICATE OF ANALYSIS A9522388

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm
6629	235	229	< 0.2	2.13	6	120	0.5	< 2	1.02	< 0.5	10	252	23	14.70	10	20	0.50	30	1.08	835	2
6630	235	229	0.2	1.48	14	230	0.5	< 2	0.40	< 0.5	4	600	37	>15.00	10	40	0.68	20	0.43	370	2
6631	235	229	< 0.2	2.57	6	100	0.5	8	1.25	< 0.5	13	159	21	13.15	10	10	0.61	40	1.29	915	2
6632	235	229	< 0.2	1.99	8	130	0.5	2	0.50	0.5	11	439	26	13.35	< 10	60	0.63	30	0.62	1185	1
6634	235	229	0.4	2.55	8	100	0.5	6	1.17	0.5	13	124	14	14.20	10	10	0.56	40	1.23	5480	2
6635	235	229	0.4	0.54	6	10	0.5	6	0.31	< 0.5	8	13	10	>15.00	< 10	< 10	0.07	10	0.55	>10000	1
6636	235	229	< 0.2	2.39	8	90	1.0	2	1.31	< 0.5	13	213	19	>15.00	10	10	0.50	50	1.23	2040	5
6637	235	229	< 0.2	2.70	8	70	0.5	4	0.69	0.5	21	199	14	12.90	10	10	0.28	30	1.70	1395	3
6639	235	229	< 0.2	2.16	12	140	0.5	4	0.93	< 0.5	11	263	18	>15.00	10	10	0.77	60	0.96	1120	2
6640	235	229	< 0.2	1.19	2	70	0.5	< 2	0.83	< 0.5	9	298	13	>15.00	< 10	10	0.27	50	0.67	1475	1
6641	235	229	< 0.2	2.53	12	90	0.5	4	2.19	< 0.5	15	271	21	>15.00	10	< 10	0.61	110	1.65	1380	3
6646	235	229	0.6	0.67	68	< 10	< 0.5	4	0.89	2.5	22	67	111	>15.00	< 10	80	0.09	< 10	2.64	9620	3

CERTIFICATION: Stuart Bichler

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CERTIFICATE OF ANALYSIS A9522388

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6629	235	229	0.16	25	600	10	6	14	46	0.15	< 10	< 10	157	< 10	88
6630	235	229	0.20	16	420	12	8	7	32	0.12	< 10	< 10	127	< 10	46
6631	235	229	0.19	27	910	8	< 2	14	57	0.19	< 10	< 10	139	< 10	114
6632	235	229	0.28	26	420	18	< 2	8	48	0.13	< 10	< 10	125	< 10	136
6634	235	229	0.18	42	680	8	< 2	14	57	0.19	< 10	< 10	134	< 10	188
6635	235	229	0.02	14	1050	< 2	20	3	36	0.03	< 10	< 10	85	< 10	60
6636	235	229	0.21	34	1240	16	< 2	16	60	0.19	< 10	< 10	183	< 10	216
6637	235	229	0.10	38	1100	8	< 2	18	27	0.17	< 10	< 10	243	< 10	146
6639	235	229	0.14	25	890	12	12	10	38	0.22	< 10	< 10	192	< 10	86
6640	235	229	0.10	20	600	12	4	8	27	0.17	< 10	< 10	163	< 10	56
6641	235	229	0.29	30	1380	14	6	18	75	0.51	< 10	< 10	255	< 10	110
6646	235	229	< 0.01	52	580	12	18	1	13	0.02	< 10	< 10	53	< 10	484

CERTIFICATION:

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25-08-1995

A9524045

Comments: ATTN: M. ROSATELLI

CERTIFICATE A9524045

(LZV) - KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 16-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
235	22	Pan con ring to approx 150 mesh
229	22	ICP - AQ Digestion charge
238	22	Nitric-aqua-regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	22	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	22	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	22	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	22	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	22	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	22	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	22	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	22	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	22	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	22	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	22	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	22	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	22	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	22	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	22	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	22	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	22	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	22	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	22	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	22	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	22	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	22	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	22	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	22	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	22	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	22	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	22	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	22	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	22	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	22	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	22	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	22	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	22	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	22	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project :
Comments: ATTN: M. ROSATELLI

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Certificate Date: 16-AUG-95
Invoice No. : I9524045
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9524045

SAMPLE	PREP CODE		Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
6675	235	229	20	330	0.2	2.94	46	40	< 0.5	< 2	1.54	1.0	40	369	231	10.85	< 10	< 1	0.43	10	1.63
6677	235	229	14	196	0.6	2.54	56	250	< 0.5	< 2	2.05	< 0.5	22	1275	50	>15.00	10	< 1	0.53	60	1.75
6678	235	229	4	52	< 0.2	1.14	< 2	100	< 0.5	< 2	0.53	< 0.5	8	279	20	2.76	< 10	< 1	0.32	10	0.69
6680	235	229	< 1	94	0.2	1.58	44	100	< 0.5	< 2	0.88	< 0.5	10	248	24	>15.00	10	< 1	0.30	60	1.06
6681	235	229	8	274	0.2	2.26	54	210	< 0.5	< 2	2.59	< 0.5	24	1480	64	>15.00	10	< 1	0.57	70	2.04
6684	235	229	14	310	0.6	0.85	30	30	< 0.5	< 2	1.17	1.0	10	121	194	>15.00	< 10	< 1	0.23	< 10	1.98
6685	235	229	< 1	86	0.2	2.13	8	110	0.5	< 2	1.34	< 0.5	20	305	77	>15.00	< 10	< 1	0.18	20	1.66
6687	235	229	35	1200	1.4	1.38	64	20	< 0.5	< 2	1.38	5.0	18	84	300	>15.00	< 10	< 1	0.27	10	1.43
6688	235	229	4	830	< 0.2	1.53	8	90	0.5	< 2	1.23	5.0	13	240	82	13.55	< 10	< 1	0.53	20	2.30
6692	235	229	< 1	200	0.4	2.99	40	20	< 0.5	2	0.52	0.5	109	144	124	14.00	< 10	< 1	0.06	< 10	3.47
6695	235	229	21	580	0.6	2.20	114	100	0.5	< 2	0.35	0.5	12	181	126	>15.00	< 10	< 1	0.71	20	1.04
6696	235	229	2	118	0.4	1.29	50	190	1.5	< 2	0.39	< 0.5	28	72	51	>15.00	< 10	< 1	0.18	20	0.74
6697	235	229	< 1	157	< 0.2	1.56	8	90	0.5	< 2	0.64	< 0.5	14	130	29	>15.00	< 10	< 1	0.15	10	1.01
6700	235	229	8	275	0.6	2.18	26	70	< 0.5	< 2	0.42	5.0	29	131	269	>15.00	< 10	< 1	0.36	20	0.98
6701	235	229	26	400	0.2	1.60	86	100	< 0.5	< 2	0.32	< 0.5	17	173	104	>15.00	< 10	< 1	0.47	20	0.59
6704	235	229	< 1	370	0.4	1.80	2	80	0.5	< 2	0.24	1.5	16	54	77	>15.00	< 10	1	0.30	10	1.57
6695 +5M	235	229	5	142	0.4	1.28	44	70	< 0.5	< 2	0.06	< 0.5	5	507	76	5.23	< 10	< 1	0.64	10	0.21
6696 +5M	235	229	< 1	70	0.8	1.90	14	130	1.0	2	0.60	< 0.5	15	64	29	13.95	< 10	< 1	0.21	30	1.07
6697 +5M	235	229	1	56	< 0.2	1.55	2	110	< 0.5	< 2	0.22	< 0.5	7	584	13	2.87	< 10	< 1	0.40	10	0.49
6700 +5M	235	229	6	66	0.4	0.91	16	40	< 0.5	< 2	0.07	< 0.5	3	219	25	4.18	< 10	< 1	0.37	10	0.19
6701 +5M	235	229	46	198	1.8	1.20	108	80	< 0.5	< 2	0.06	0.5	4	524	48	7.73	< 10	< 1	0.61	10	0.17
6704 +5M	235	229	3	112	< 0.2	1.70	< 2	60	< 0.5	< 2	0.27	< 0.5	9	215	46	7.79	< 10	< 1	0.43	10	0.84

CERTIFICATION: Ivan Bichler

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CERTIFICATE OF ANALYSIS A9524045

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6675	235	229	755	7	0.08	151	1000	28	< 2	11	40	0.41	< 10	< 10	168	< 10	306
6677	235	229	2090	1	0.21	67	1280	8	6	20	74	0.36	< 10	< 10	206	10	186
6678	235	229	405	< 1	0.10	23	380	6	< 2	3	26	0.06	< 10	< 10	32	< 10	50
6680	235	229	1780	1	0.08	25	1040	< 2	2	11	31	0.19	< 10	< 10	172	< 10	78
6681	235	229	3970	1	0.17	78	930	8	4	15	63	0.26	< 10	< 10	190	20	252
6684	235	229	6540	13	0.01	62	620	18	< 2	1	23	0.03	< 10	< 10	66	< 10	270
6685	235	229	2140	2	0.09	57	1340	10	4	8	36	0.22	< 10	< 10	186	< 10	72
6687	235	229	2810	22	0.01	164	1130	36	6	< 1	35	0.01	< 10	< 10	118	< 10	978
6688	235	229	2670	7	0.06	52	900	12	< 2	7	39	0.08	< 10	< 10	123	< 10	772
6692	235	229	1905	< 1	0.01	131	340	8	< 2	10	13	0.13	< 10	< 10	119	< 10	180
6695	235	229	860	8	0.07	49	990	28	4	7	26	0.06	< 10	< 10	66	< 10	568
6696	235	229	>10000	17	0.02	43	520	14	2	3	56	0.02	< 10	< 10	111	< 10	98
6697	235	229	3040	4	0.03	30	800	6	< 2	6	21	0.19	< 10	< 10	120	< 10	142
6700	235	229	5980	17	0.03	140	730	20	2	6	18	0.04	< 10	< 10	118	< 10	250
6701	235	229	590	25	0.08	46	1010	30	4	6	19	0.10	< 10	< 10	110	< 10	382
6704	235	229	>10000	10	0.01	71	550	4	< 2	3	25	0.02	< 10	< 10	101	< 10	346
6695 +5M	235	229	185	8	0.04	27	180	6	2	2	7	0.01	< 10	< 10	37	< 10	140
6696 +5M	235	229	>10000	8	0.05	29	1000	6	< 2	4	42	0.01	< 10	< 10	124	< 10	58
6697 +5M	235	229	425	< 1	0.18	26	390	2	< 2	2	20	0.02	< 10	< 10	32	< 10	54
6700 +5M	235	229	1010	11	0.02	15	250	8	< 2	1	7	< 0.01	< 10	< 10	40	< 10	66
6701 +5M	235	229	155	51	0.04	23	420	52	2	2	16	0.01	< 10	< 10	135	< 10	192
6704 +5M	235	229	1680	1	0.02	38	220	8	< 2	2	26	0.01	< 10	< 10	28	< 10	108

CERTIFICATION:

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SAMPLE	PREP CODE	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
6675	235 229	20	330	0.2	2.94	46	40	< 0.5	< 2	1.54	1.0	40	369	231	10.85	< 10	< 1	0.43	10	1.63
6677	235 229	14	196	0.6	2.54	56	250	< 0.5	< 2	2.05	< 0.5	22	1275	50	>15.00	10	< 1	0.53	60	1.75
6678	235 229	4	52	< 0.2	1.14	< 2	100	< 0.5	< 2	0.53	< 0.5	8	279	20	2.76	< 10	< 1	0.32	10	0.69
6680	235 229	< 1	94	0.2	1.58	44	100	< 0.5	< 2	0.88	< 0.5	10	248	24	>15.00	10	< 1	0.30	60	1.06
6681	235 229	8	274	0.2	2.26	54	210	< 0.5	< 2	2.59	< 0.5	24	1480	64	>15.00	10	< 1	0.57	70	2.04
6684	235 229	14	310	0.6	0.85	30	30	< 0.5	< 2	1.17	1.0	10	121	194	>15.00	< 10	< 1	0.23	< 10	1.98
6685	235 229	< 1	86	0.2	2.13	8	110	0.5	< 2	1.34	< 0.5	20	305	77	>15.00	< 10	< 1	0.18	20	1.66
6687	235 229	35	1200	1.4	1.38	64	20	< 0.5	< 2	1.38	5.0	18	84	300	>15.00	< 10	< 1	0.27	10	1.43
6688	235 229	4	830	< 0.2	1.53	8	90	0.5	< 2	1.23	5.0	13	240	82	13.55	< 10	< 1	0.53	20	2.30
6692	235 229	< 1	200	0.4	2.99	40	20	< 0.5	2	0.52	0.5	109	144	124	14.00	< 10	< 1	0.06	< 10	3.47
6695	235 229	21	580	0.6	2.20	114	100	0.5	< 2	0.35	0.5	12	181	126	>15.00	< 10	< 1	0.71	20	1.04
6696	235 229	2	118	0.4	1.29	50	190	1.5	< 2	0.39	< 0.5	28	72	51	>15.00	< 10	< 1	0.18	20	0.74
6697	235 229	< 1	157	< 0.2	1.56	8	90	0.5	< 2	0.64	< 0.5	14	130	29	>15.00	< 10	< 1	0.15	10	1.01
6700	235 229	8	275	0.6	2.18	26	70	< 0.5	< 2	0.42	5.0	29	131	269	>15.00	< 10	< 1	0.36	20	0.98
6701	235 229	26	400	0.2	1.60	86	100	< 0.5	< 2	0.32	< 0.5	17	173	104	>15.00	< 10	< 1	0.47	20	0.59
6704	235 229	< 1	370	0.4	1.80	2	80	0.5	< 2	0.24	1.5	16	54	77	>15.00	< 10	1	0.30	10	1.57
6695 +5M	235 229	5	142	0.4	1.28	44	70	< 0.5	< 2	0.06	< 0.5	5	507	76	5.23	< 10	< 1	0.64	10	0.21
6696 +5M	235 229	< 1	70	0.8	1.90	14	130	1.0	2	0.60	< 0.5	15	64	29	13.95	< 10	< 1	0.21	30	1.07
6697 +5M	235 229	1	56	< 0.2	1.55	2	110	< 0.5	< 2	0.22	< 0.5	7	584	13	2.87	< 10	< 1	0.40	10	0.49
6700 +5M	235 229	6	66	0.4	0.91	16	40	< 0.5	< 2	0.07	< 0.5	3	219	25	4.18	< 10	< 1	0.37	10	0.19
6701 +5M	235 229	46	198	1.8	1.20	108	80	< 0.5	< 2	0.06	0.5	4	524	48	7.73	< 10	< 1	0.61	10	0.17
6704 +5M	235 229	3	112	< 0.2	1.70	< 2	60	< 0.5	< 2	0.27	< 0.5	9	215	46	7.79	< 10	< 1	0.43	10	0.84

CERTIFICATION: Ian Bidder

Chemex Labs Ltd.

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Project :
Comments: ATTN: M. ROSATELLI

Page Number :1-B
Total Pages :1
Certificate Date: 16-AUG-95
Invoice No. :I9524045
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9524045

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6675	235 229	755	7	0.08	151	1000	28	< 2	11	40	0.41	< 10	< 10	168	< 10	306
6677	235 229	2090	1	0.21	67	1280	8	6	20	74	0.36	< 10	< 10	206	10	186
6678	235 229	405	< 1	0.10	23	380	6	< 2	3	26	0.06	< 10	< 10	32	< 10	50
6680	235 229	1780	1	0.08	25	1040	< 2	2	11	31	0.19	< 10	< 10	172	< 10	78
6681	235 229	3970	1	0.17	78	930	8	4	15	63	0.26	< 10	< 10	190	20	252
6684	235 229	6540	13	0.01	62	620	18	< 2	1	23	0.03	< 10	< 10	66	< 10	270
6685	235 229	2140	2	0.09	57	1340	10	4	8	36	0.22	< 10	< 10	186	< 10	72
6687	235 229	2810	22	0.01	164	1130	36	6	< 1	35	0.01	< 10	< 10	118	< 10	978
6688	235 229	2670	7	0.06	52	900	12	< 2	7	39	0.08	< 10	< 10	123	< 10	772
6692	235 229	1905	< 1	0.01	131	340	8	< 2	10	13	0.13	< 10	< 10	119	< 10	180
6695	235 229	860	8	0.07	49	990	28	4	7	26	0.06	< 10	< 10	66	< 10	568
6696	235 229	>10000	17	0.02	43	520	14	2	3	56	0.02	< 10	< 10	111	< 10	98
6697	235 229	3040	4	0.03	30	800	6	< 2	6	21	0.19	< 10	< 10	120	< 10	142
6700	235 229	5980	17	0.03	140	730	20	2	6	18	0.04	< 10	< 10	118	< 10	250
6701	235 229	590	25	0.08	46	1010	30	4	6	19	0.10	< 10	< 10	110	< 10	382
6704	235 229	>10000	10	0.01	71	550	4	< 2	3	25	0.02	< 10	< 10	101	< 10	346
6695 +5M	235 229	185	8	0.04	27	180	6	2	2	7	0.01	< 10	< 10	37	< 10	140
6696 +5M	235 229	>10000	8	0.05	29	1000	6	< 2	4	42	0.01	< 10	< 10	124	< 10	58
6697 +5M	235 229	425	< 1	0.18	26	390	2	< 2	2	20	0.02	< 10	< 10	32	< 10	54
6700 +5M	235 229	1010	11	0.02	15	250	8	< 2	1	7	< 0.01	< 10	< 10	40	< 10	66
6701 +5M	235 229	155	51	0.04	23	420	52	2	2	16	0.01	< 10	< 10	135	< 10	192
6704 +5M	235 229	1680	1	0.02	38	220	8	< 2	2	26	0.01	< 10	< 10	28	< 10	108

CERTIFICATION:

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28-08-1995

A9524054

Comments: ATN; M. ROSATELLI

KAN

CERTIFICATE A9524054

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	10	Geochem ring to approx 150 mesh
226	10	0-3 Kg crush and split
3202	10	Rock - save entire reject
238	9	Nitric-aqua-regia digestion
229	10	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	10	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	9	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	9	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	10	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	10	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	10	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	10	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	10	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	10	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	10	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	10	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	10	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	10	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	10	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	10	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	10	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	10	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	10	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	10	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	10	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	10	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	10	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	10	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	10	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	10	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	10	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	10	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	10	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	10	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	10	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	10	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	10	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	10	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	10	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	10	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : KAN
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 21-AUG-95
Invoice No. : I9524054
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9524054

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
2850	205	226	30	-----	-----	1.8	1.46	68	30	< 0.5	2	0.20	0.5	9	160	115	13.45	10	2320	0.24	10
6690	205	226	10	32	250	0.2	1.08	24	50	< 0.5	< 2	0.59	2.0	13	263	70	9.57	10	210	0.27	10
6691	205	226	205	32	275	0.4	1.35	24	80	< 0.5	4	0.28	1.0	16	207	63	9.00	10	120	0.40	20
6693	205	226	200	36	840	0.4	1.86	26	60	< 0.5	12	1.03	5.5	12	657	132	11.05	10	280	0.64	10
6694	205	226	< 5	25	138	< 0.2	0.87	18	40	< 0.5	< 2	1.35	0.5	13	209	61	10.30	10	70	0.26	10
6698	205	226	60	52	450	0.6	1.98	58	30	< 0.5	4	0.67	2.0	19	435	101	11.10	10	270	0.74	10
6699	205	226	5	20	90	< 0.2	0.93	12	90	< 0.5	< 2	0.83	< 0.5	9	170	30	8.41	10	40	0.36	10
6702	205	226	10	22	205	0.2	1.15	34	40	< 0.5	2	1.47	2.0	12	111	101	8.50	< 10	160	0.33	10
6703	205	226	15	36	360	< 0.2	1.67	2	50	< 0.5	4	0.07	1.0	16	191	96	7.12	< 10	50	0.40	20
6705	205	226	40	25	296	0.2	1.43	46	40	< 0.5	< 2	1.29	2.0	14	164	85	6.81	< 10	90	0.37	10

CERTIFICATION: David Bradley

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Project : KAN
Comments: ATN; M. ROSATELLI

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Invoice No. : I9524054
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9524054

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2850	205	226	0.67	985	66	0.01	36	1910	38	12	3	13	< 0.01	< 10	< 10	371	< 10	178
6690	205	226	0.91	2200	22	0.02	56	460	22	10	4	19	0.03	< 10	< 10	77	< 10	236
6691	205	226	0.70	770	10	0.02	69	820	20	6	4	14	0.04	< 10	< 10	47	< 10	266
6693	205	226	1.41	3030	30	0.07	87	850	20	4	5	27	0.04	< 10	< 10	172	10	938
6694	205	226	1.68	4120	3	0.03	36	500	14	8	3	26	0.04	< 10	< 10	49	10	114
6698	205	226	0.84	1410	22	0.06	86	720	50	6	5	25	0.04	< 10	< 10	122	< 10	480
6699	205	226	1.34	4580	4	0.04	26	530	12	6	3	24	0.03	< 10	< 10	55	10	80
6702	205	226	1.29	1435	14	0.02	64	460	26	6	3	32	0.02	< 10	< 10	52	10	356
6703	205	226	0.72	300	6	< 0.01	24	270	14	4	1	4	< 0.01	< 10	< 10	37	< 10	216
6705	205	226	1.34	975	11	0.01	63	450	18	6	4	34	0.01	< 10	< 10	48	< 10	314

CERTIFICATION:

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Project : KAN
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Page Number : 1-A
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CERTIFICATE OF ANALYSIS A9524054

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
2850	205	226	30	-----	-----	1.8	1.46	68	30	< 0.5	2	0.20	0.5	9	160	115	13.45	10	2320	0.24	10
6690	205	226	10	32	250	0.2	1.08	24	50	< 0.5	< 2	0.59	2.0	13	263	70	9.57	10	210	0.27	10
6691	205	226	205	32	275	0.4	1.35	24	80	< 0.5	4	0.28	1.0	16	207	63	9.00	10	120	0.40	20
6693	205	226	200	36	840	0.4	1.86	26	60	< 0.5	12	1.03	5.5	12	657	132	11.05	10	280	0.64	10
6694	205	226	< 5	25	138	< 0.2	0.87	18	40	< 0.5	< 2	1.35	0.5	13	209	61	10.30	10	70	0.26	10
6698	205	226	60	52	450	0.6	1.98	58	30	< 0.5	4	0.67	2.0	19	435	101	11.10	10	270	0.74	10
6699	205	226	5	20	90	< 0.2	0.93	12	90	< 0.5	< 2	0.83	< 0.5	9	170	30	8.41	10	40	0.36	10
6702	205	226	10	22	205	0.2	1.15	34	40	< 0.5	2	1.47	2.0	12	111	101	8.50	< 10	160	0.33	10
6703	205	226	15	36	360	< 0.2	1.67	2	50	< 0.5	4	0.07	1.0	16	191	96	7.12	< 10	50	0.40	20
6705	205	226	40	25	296	0.2	1.43	46	40	< 0.5	< 2	1.29	2.0	14	164	85	6.81	< 10	90	0.37	10

CERTIFICATION: Stuart Bradley

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Project : KAN
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 21-AUG-95
Invoice No. : 19524054
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9524054

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
2850	205	226	0.67	985	66	0.01	36	1910	38	12	3	13	< 0.01	< 10	< 10	371	< 10	178
6690	205	226	0.91	2200	22	0.02	56	460	22	10	4	19	0.03	< 10	< 10	77	< 10	236
6691	205	226	0.70	770	10	0.02	69	820	20	6	4	14	0.04	< 10	< 10	47	< 10	266
6693	205	226	1.41	3030	30	0.07	87	850	20	4	5	27	0.04	< 10	< 10	172	10	938
6694	205	226	1.68	4120	3	0.03	36	500	14	8	3	26	0.04	< 10	< 10	49	10	114
6698	205	226	0.84	1410	22	0.06	86	720	50	6	5	25	0.04	< 10	< 10	122	< 10	480
6699	205	226	1.34	4580	4	0.04	26	530	12	6	3	24	0.03	< 10	< 10	55	10	80
6702	205	226	1.29	1435	14	0.02	64	460	26	6	3	32	0.02	< 10	< 10	52	10	356
6703	205	226	0.72	300	6	< 0.01	24	270	14	4	1	4	< 0.01	< 10	< 10	37	< 10	216
6705	205	226	1.34	975	11	0.01	63	450	18	6	4	34	0.01	< 10	< 10	48	< 10	314

CERTIFICATION:

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A9524336

Comments: ATN; M. ROSATELLI

KAN

CERTIFICATE A9524336

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	4	Geochem ring to approx 150 mesh
226	4	0-3 Kg crush and split
3202	4	Rock - save entire reject
238	4	Nitric-aqua-regia digestion
229	4	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	4	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	4	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	4	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	4	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	4	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	4	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	4	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	4	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	4	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	4	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	4	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	4	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	4	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	4	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	4	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	4	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	4	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	4	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	4	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	4	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	4	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	4	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	4	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	4	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	4	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	4	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	4	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	4	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	4	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	4	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	4	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	4	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	4	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	4	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	4	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

29-08-1995

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 21-AUG-95
Invoice No. : I9524336
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9524336

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6706	205	226	< 5	5	160	< 0.2	1.98	2	60	< 0.5	2	0.89	0.5	10	153	43	8.35	< 10	70	0.28	10
6710	205	226	5	< 1	54	< 0.2	0.11	16	< 10	< 0.5	2	7.91	< 0.5	3	72	53	>15.00	< 10	30	0.01	< 10
6712	205	226	< 5	3	100	< 0.2	1.06	4	50	< 0.5	< 2	0.98	< 0.5	8	138	27	7.13	< 10	50	0.28	10
6713	205	226	< 5	12	230	0.2	1.39	16	40	< 0.5	2	2.98	0.5	11	82	55	6.91	< 10	90	0.36	10

CERTIFICATION: Ian Thomson

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :1-B
Total Pages :1
Certificate Date: 21-AUG-95
Invoice No. :I9524336
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9524336

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6706	205	226	1.87	2690	4	0.03	37	650	8	< 2	4	29	0.06	< 10	< 10	78	< 10	168
6710	205	226	1.39	4570	2	< 0.01	10	380	6	< 2	< 1	142	< 0.01	< 10	< 10	5	< 10	50
6712	205	226	1.23	2760	3	0.03	25	570	6	4	2	25	0.06	< 10	< 10	45	< 10	100
6713	205	226	1.96	1450	4	0.02	39	480	18	< 2	3	57	0.04	< 10	< 10	42	< 10	234

CERTIFICATION:

Chemex Labs Ltd.

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TORONTO, ON
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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 21-AUG-95
Invoice No. : I9524336
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9524336

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6706	205	226	< 5	5	160	< 0.2	1.98	2	60	< 0.5	2	0.89	0.5	10	153	43	8.35	< 10	70	0.28	10
6710	205	226	5	< 1	54	< 0.2	0.11	16	< 10	< 0.5	2	7.91	< 0.5	3	72	53	>15.00	< 10	30	0.01	< 10
6712	205	226	< 5	3	100	< 0.2	1.06	4	50	< 0.5	< 2	0.98	< 0.5	8	138	27	7.13	< 10	50	0.28	10
6713	205	226	< 5	12	230	0.2	1.39	16	40	< 0.5	2	2.98	0.5	11	82	55	6.91	< 10	90	0.36	10

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 21-AUG-95
Invoice No. : I9524336
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9524336

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6706	205	226	1.87	2690	4	0.03	37	650	8	< 2	4	29	0.06	< 10	< 10	78	< 10	168
6710	205	226	1.39	4570	2	< 0.01	10	380	6	< 2	< 1	142	< 0.01	< 10	< 10	5	< 10	50
6712	205	226	1.23	2760	3	0.03	25	570	6	4	2	25	0.06	< 10	< 10	45	< 10	100
6713	205	226	1.96	1450	4	0.02	39	480	18	< 2	3	57	0.04	< 10	< 10	42	< 10	234

CERTIFICATION:

Chemex Labs Ltd.

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15-09-1995

A9524338

Comments: ATN; M. ROSATELLI

CERTIFICATE A9524338

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 22-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	9	Geochem ring to approx 150 mesh
226	9	0-3 Kg crush and split
3202	9	Rock - save entire reject
238	9	Nitric-aqua-regia digestion
229	9	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	9	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	9	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	9	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	9	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	9	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	9	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	9	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	9	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	9	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	9	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	9	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	9	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	9	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	9	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	9	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	9	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	9	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	9	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	9	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	9	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	9	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	9	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	9	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	9	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	9	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	9	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	9	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	9	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	9	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	9	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	9	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	9	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	9	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	9	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	9	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 22-AUG-95
Invoice No. : I9524338
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9524338

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6716	205	226	< 5	32	630	1.4	0.99	44	20	< 0.5	< 2	1.07	3.0	23	82	61	9.56	< 10	280	0.25	< 10
6717	205	226	25	47	345	1.8	0.47	144	50	< 0.5	< 2	0.09	0.5	2	79	50	10.25	< 10	660	0.35	10
6718	205	226	20	39	600	1.4	0.75	86	20	< 0.5	< 2	0.75	2.0	16	119	59	8.14	< 10	720	0.30	< 10
6719	205	226	10	38	600	1.0	0.69	50	40	< 0.5	2	0.81	2.0	16	87	57	9.97	< 10	380	0.23	< 10
6720	205	226	15	38	285	1.6	0.52	98	30	< 0.5	< 2	0.11	0.5	5	133	27	5.44	< 10	790	0.31	10
6721	205	226	< 5	20	176	1.2	0.44	38	20	< 0.5	< 2	< 0.01	< 0.5	< 1	87	20	7.88	< 10	130	0.24	20
6722	205	226	< 5	21	25	0.4	0.26	< 2	< 10	< 0.5	4	0.01	< 0.5	8	25	2	>15.00	< 10	20	< 0.01	< 10
6723	205	226	10	34	320	0.6	0.84	76	40	< 0.5	< 2	0.61	1.0	10	87	65	9.64	< 10	240	0.24	< 10
6724	205	226	35	54	290	1.6	0.20	138	20	< 0.5	< 2	0.05	0.5	3	40	23	5.20	< 10	840	0.16	10

CERTIFICATION: Ivan Bichler

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M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 22-AUG-95
Invoice No. : I9524338
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9524338

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6716	205	226	0.76	805	20	0.01	102	370	28	2	1	28	< 0.01	< 10	< 10	29	< 10	706
6717	205	226	0.11	165	31	0.03	43	390	44	< 2	1	19	< 0.01	< 10	< 10	31	< 10	374
6718	205	226	0.47	285	21	0.01	86	190	26	< 2	1	24	< 0.01	< 10	< 10	27	< 10	712
6719	205	226	0.47	2400	16	0.01	84	270	26	2	1	26	< 0.01	< 10	< 10	23	< 10	600
6720	205	226	0.10	140	25	0.02	42	180	36	6	< 1	11	< 0.01	< 10	< 10	25	< 10	312
6721	205	226	0.02	90	14	< 0.01	3	560	14	< 2	< 1	2	< 0.01	< 10	< 10	45	< 10	176
6722	205	226	0.35	>10000	2	< 0.01	3	360	16	2	< 1	2	< 0.01	< 10	< 10	12	< 10	18
6723	205	226	0.84	2550	18	0.02	65	470	20	< 2	1	20	0.02	< 10	< 10	43	< 10	292
6724	205	226	0.03	120	29	0.01	26	160	46	4	< 1	9	< 0.01	< 10	< 10	13	< 10	260

CERTIFICATION:

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9524338

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6716	205	226	< 5	32	630	1.4	0.99	44	20	< 0.5	< 2	1.07	3.0	23	82	61	9.56	< 10	280	0.25	< 10
6717	205	226	25	47	345	1.8	0.47	144	50	< 0.5	< 2	0.09	0.5	2	79	50	10.25	< 10	660	0.35	10
6718	205	226	20	39	600	1.4	0.75	86	20	< 0.5	< 2	0.75	2.0	16	119	59	8.14	< 10	720	0.30	< 10
6719	205	226	10	38	600	1.0	0.69	50	40	< 0.5	2	0.81	2.0	16	87	57	9.97	< 10	380	0.23	< 10
6720	205	226	15	38	285	1.6	0.52	98	30	< 0.5	< 2	0.11	0.5	5	133	27	5.44	< 10	790	0.31	10
6721	205	226	< 5	20	176	1.2	0.44	38	20	< 0.5	< 2	< 0.01	< 0.5	< 1	87	20	7.88	< 10	130	0.24	20
6722	205	226	< 5	21	25	0.4	0.26	< 2	< 10	< 0.5	4	0.01	< 0.5	8	25	2	>15.00	< 10	20	< 0.01	< 10
6723	205	226	10	34	320	0.6	0.84	76	40	< 0.5	< 2	0.61	1.0	10	87	65	9.64	< 10	240	0.24	< 10
6724	205	226	35	54	290	1.6	0.20	138	20	< 0.5	< 2	0.05	0.5	3	40	23	5.20	< 10	840	0.16	10

CERTIFICATION: Stewart Bichlmaier

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Project : KAN-431
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Page Number : 1-B
Total Pages : 1
Certificate Date: 22-AUG-95
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Account : LZV

CERTIFICATE OF ANALYSIS A9524338

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6716	205	226	0.76	805	20	0.01	102	370	28	2	1	28	< 0.01	< 10	< 10	29	< 10	706
6717	205	226	0.11	165	31	0.03	43	390	44	< 2	1	19	< 0.01	< 10	< 10	31	< 10	374
6718	205	226	0.47	285	21	0.01	86	190	26	< 2	1	24	< 0.01	< 10	< 10	27	< 10	712
6719	205	226	0.47	2400	16	0.01	84	270	26	2	1	26	< 0.01	< 10	< 10	23	< 10	600
6720	205	226	0.10	140	25	0.02	42	180	36	6	< 1	11	< 0.01	< 10	< 10	25	< 10	312
6721	205	226	0.02	90	14	< 0.01	3	560	14	< 2	< 1	2	< 0.01	< 10	< 10	45	< 10	176
6722	205	226	0.35	>10000	2	< 0.01	3	360	16	2	< 1	2	< 0.01	< 10	< 10	12	< 10	18
6723	205	226	0.84	2550	18	0.02	65	470	20	< 2	1	20	0.02	< 10	< 10	43	< 10	292
6724	205	226	0.03	120	29	0.01	26	160	46	4	< 1	9	< 0.01	< 10	< 10	13	< 10	260

CERTIFICATION: [illegible]

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M5J 2S1

30 -08- 1995

A9524349

Comments: ATTN: M. ROSATELLI

CERTIFICATE A9524349

(LZV) - KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 22-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
235	11	Pan con ring to approx 150 mesh
229	11	ICP - AQ Digestion charge
238	11	Nitric-aqua-regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	11	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	11	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	11	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	11	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	11	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	11	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	11	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	11	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	11	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	11	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	11	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	11	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	11	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	11	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	11	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	11	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	11	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	11	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	11	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	11	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	11	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	11	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	11	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	11	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	11	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	11	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	11	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	11	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	11	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	11	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	11	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	11	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	11	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	11	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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Project :
Comments: ATTN: M. ROSATELLI

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CERTIFICATE OF ANALYSIS A9524349

SAMPLE	PREP CODE		Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
6707	235	229	< 1	165	< 0.2	3.09	6	140	0.5	10	0.55	< 0.5	16	100	28	>15.00	10	1	1.92	30	2.46
6708	235	229	5	325	0.2	1.95	164	10	< 0.5	4	0.88	1.0	25	89	97	13.30	< 10	1	0.09	< 10	2.25
6709	235	229	< 1	88	0.2	0.18	< 2	10	< 0.5	2	0.58	< 0.5	5	42	13	>15.00	< 10	1	0.03	< 10	3.18
6711	235	229	100	270	< 0.2	0.97	18	60	< 0.5	6	6.35	1.5	9	467	47	>15.00	< 10	5	0.25	10	2.01
6714	235	229	5	310	0.6	1.07	78	60	0.5	< 2	1.29	0.5	13	48	55	>15.00	< 10	< 1	0.29	10	1.86
6715	235	229	26	1300	1.2	0.60	362	30	< 0.5	2	0.16	2.5	13	35	90	>15.00	10	< 1	0.33	90	0.31
6707 +5M	235	229	< 1	38	< 0.2	0.84	< 2	50	0.5	2	0.52	< 0.5	4	248	9	3.53	< 10	< 1	0.22	10	0.59
6708 +5M	235	229	< 1	325	0.2	0.58	< 2	20	< 0.5	2	2.01	1.0	8	38	68	>15.00	< 10	< 1	0.20	10	1.60
6709 +5M	235	229	< 1	64	0.2	0.40	< 2	40	< 0.5	2	0.37	< 0.5	6	115	9	>15.00	< 10	< 1	0.08	< 10	2.04
6714 +5M	235	229	31	125	0.8	1.00	46	20	0.5	2	0.18	< 0.5	16	98	18	>15.00	< 10	1	0.42	< 10	1.20
6715 +5M	235	229	25	275	1.0	0.35	128	20	< 0.5	< 2	0.04	1.0	3	247	15	2.98	< 10	1	0.23	20	0.07

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SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6707	235	229	1565	3	< 0.01	21	1270	2	< 2	8	17	0.30	< 10	< 10	140	< 10	160
6708	235	229	4220	8	< 0.01	97	600	4	< 2	1	18	0.12	< 10	< 10	72	< 10	320
6709	235	229	8450	7	< 0.01	13	400	< 2	< 2	1	11	0.01	< 10	< 10	7	< 10	86
6711	235	229	4650	7	0.02	50	770	94	< 2	3	96	0.09	< 10	< 10	60	10	260
6714	235	229	7450	13	0.01	43	720	4	< 2	3	33	0.03	< 10	< 10	62	< 10	306
6715	235	229	9050	63	0.03	94	670	24	16	2	28	0.01	< 10	< 10	36	< 10	1290
6707 +5M	235	229	910	< 1	0.04	8	550	< 2	< 2	4	14	0.04	< 10	< 10	28	< 10	36
6708 +5M	235	229	>10000	6	< 0.01	22	2120	< 2	< 2	1	41	< 0.01	< 10	< 10	46	< 10	320
6709 +5M	235	229	6940	2	< 0.01	22	310	< 2	< 2	2	11	0.03	< 10	< 10	9	< 10	60
6714 +5M	235	229	5170	7	0.01	31	280	30	2	1	13	0.01	< 10	< 10	44	< 10	120
6715 +5M	235	229	350	25	0.01	30	90	24	10	< 1	5	< 0.01	< 10	< 10	15	< 10	270

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6707	235	229	< 1	165	< 0.2	3.09	6	140	0.5	10	0.55	< 0.5	16	100	28	>15.00	10	1	1.92	30	2.46
6708	235	229	5	325	0.2	1.95	164	10	< 0.5	4	0.88	1.0	25	89	97	13.30	< 10	1	0.09	< 10	2.25
6709	235	229	< 1	88	0.2	0.18	< 2	10	< 0.5	2	0.58	< 0.5	5	42	13	>15.00	< 10	1	0.03	< 10	3.18
6711	235	229	100	270	< 0.2	0.97	18	60	< 0.5	6	6.35	1.5	9	467	47	>15.00	< 10	5	0.25	10	2.01
6714	235	229	5	310	0.6	1.07	78	60	0.5	< 2	1.29	0.5	13	48	55	>15.00	< 10	< 1	0.29	10	1.86
6715	235	229	26	1300	1.2	0.60	362	30	< 0.5	2	0.16	2.5	13	35	90	>15.00	10	< 1	0.33	90	0.31
6707 +5M	235	229	< 1	38	< 0.2	0.84	< 2	50	0.5	2	0.52	< 0.5	4	248	9	3.53	< 10	< 1	0.22	10	0.59
6708 +5M	235	229	< 1	325	0.2	0.58	< 2	20	< 0.5	2	2.01	1.0	8	38	68	>15.00	< 10	< 1	0.20	10	1.60
6709 +5M	235	229	< 1	64	0.2	0.40	< 2	40	< 0.5	2	0.37	< 0.5	6	115	9	>15.00	< 10	< 1	0.08	< 10	2.04
6714 +5M	235	229	31	125	0.8	1.00	46	20	0.5	2	0.18	< 0.5	16	98	18	>15.00	< 10	1	0.42	< 10	1.20
6715 +5M	235	229	25	275	1.0	0.35	128	20	< 0.5	< 2	0.04	1.0	3	247	15	2.98	< 10	1	0.23	20	0.07

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SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6707	235	229	1565	3	< 0.01	21	1270	2	< 2	8	17	0.30	< 10	< 10	140	< 10	160
6708	235	229	4220	8	< 0.01	97	600	4	< 2	1	18	0.12	< 10	< 10	72	< 10	320
6709	235	229	8450	7	< 0.01	13	400	< 2	< 2	1	11	0.01	< 10	< 10	7	< 10	86
6711	235	229	4650	7	0.02	50	770	94	< 2	3	96	0.09	< 10	< 10	60	10	260
6714	235	229	7450	13	0.01	43	720	4	< 2	3	33	0.03	< 10	< 10	62	< 10	306
6715	235	229	9050	63	0.03	94	670	24	16	2	28	0.01	< 10	< 10	36	< 10	1290
6707 +5M	235	229	910	< 1	0.04	8	550	< 2	< 2	4	14	0.04	< 10	< 10	28	< 10	36
6708 +5M	235	229	>10000	6	< 0.01	22	2120	< 2	< 2	1	41	< 0.01	< 10	< 10	46	< 10	320
6709 +5M	235	229	6940	2	< 0.01	22	310	< 2	< 2	2	11	0.03	< 10	< 10	9	< 10	60
6714 +5M	235	229	5170	7	0.01	31	280	30	2	1	13	0.01	< 10	< 10	44	< 10	120
6715 +5M	235	229	350	25	0.01	30	90	24	10	< 1	5	< 0.01	< 10	< 10	15	< 10	270

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30-08-1995

A9524908

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CERTIFICATE A9524908

(LZV) - KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 23-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
235	9	Pan con ring to approx 150 mesh
229	9	ICP - AQ Digestion charge
238	9	Nitric-aqua-regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	9	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	9	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	9	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	9	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	9	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	9	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	9	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	9	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	9	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	9	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	9	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	9	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	9	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	9	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	9	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	9	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	9	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	9	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	9	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	9	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	9	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	9	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	9	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	9	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	9	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	9	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	9	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	9	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	9	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	9	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	9	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	9	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	9	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	9	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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CERTIFICATE OF ANALYSIS A9524908

SAMPLE	PREP CODE	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
6725	235 229	16	190	0.8	3.39	24	100	< 0.5	< 2	0.69	0.5	11	282	79	5.77	10	< 1	1.48	20	0.69
6725 HEAVIES	235 229	11	228	1.2	5.09	< 2	170	0.5	< 2	1.25	1.5	23	542	130	11.85	20	1	2.12	80	1.19
6726	235 229	24	201	0.2	2.09	8	100	0.5	< 2	0.88	0.5	9	309	45	4.22	< 10	1	0.71	10	0.90
6726 HEAVIES	235 229	14	222	0.2	2.00	< 2	90	< 0.5	< 2	3.46	0.5	21	227	68	11.20	10	< 1	0.55	40	2.82
6727	235 229	9	53	0.6	1.30	4	100	0.5	< 2	0.42	< 0.5	8	308	21	7.59	< 10	1	0.53	30	0.54
6727 HEAVIES	235 229	78	275	< 0.2	1.26	88	100	< 0.5	< 2	0.75	1.0	11	215	93	>15.00	10	< 1	0.27	40	0.70
6728	235 229	2	205	0.4	0.99	< 2	20	< 0.5	< 2	3.05	1.5	10	88	88	>15.00	10	< 1	0.19	< 10	3.33
6728 HEAVIES	235 229	< 1	149	< 0.2	1.19	< 2	40	< 0.5	< 2	1.94	1.0	19	54	66	>15.00	10	< 1	0.36	< 10	2.90
6728 HEAVIES (2)	235 229	34	255	0.2	2.00	< 2	80	< 0.5	< 2	1.58	1.5	17	115	257	>15.00	10	< 1	0.68	< 10	2.61

CERTIFICATION: Ian J. Bickler

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SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6725	235	229	285	8	0.13	68	380	22	8	7	32	0.02	< 10	< 10	49	< 10	186
6725 HEAVIES	235	229	795	9	0.17	108	760	30	4	14	50	0.12	< 10	60	99	< 10	210
6726	235	229	290	6	0.12	36	340	12	< 2	4	24	0.06	< 10	< 10	47	< 10	234
6726 HEAVIES	235	229	2260	2	0.14	50	1020	12	4	12	63	0.21	< 10	< 10	107	20	166
6727	235	229	1205	10	0.06	13	220	6	8	5	13	0.10	< 10	< 10	103	< 10	44
6727 HEAVIES	235	229	1500	25	0.08	28	840	62	24	9	27	0.14	< 10	< 10	150	< 10	228
6728	235	229	6510	8	0.01	55	1600	< 2	16	3	66	0.01	< 10	< 10	64	30	166
6728 HEAVIES	235	229	5620	3	0.01	35	410	< 2	12	3	37	0.01	< 10	< 10	44	20	116
6728 HEAVIES (2)	235	229	4810	3	0.02	52	510	24	16	6	33	0.03	< 10	< 10	74	10	216

CERTIFICATION: Stewart Bichler

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6725	235	229	16	190	0.8	3.39	24	100	< 0.5	< 2	0.69	0.5	11	282	79	5.77	10	< 1	1.48	20	0.69
6725 HEAVIES	235	229	11	228	1.2	5.09	< 2	170	0.5	< 2	1.25	1.5	23	542	130	11.85	20	1	2.12	80	1.19
6726	235	229	24	201	0.2	2.09	8	100	0.5	< 2	0.88	0.5	9	309	45	4.22	< 10	1	0.71	10	0.90
6726 HEAVIES	235	229	14	222	0.2	2.00	< 2	90	< 0.5	< 2	3.46	0.5	21	227	68	11.20	10	< 1	0.55	40	2.82
6727	235	229	9	53	0.6	1.30	4	100	0.5	< 2	0.42	< 0.5	8	308	21	7.59	< 10	1	0.53	30	0.54
6727 HEAVIES	235	229	78	275	< 0.2	1.26	88	100	< 0.5	< 2	0.75	1.0	11	215	93	>15.00	10	< 1	0.27	40	0.70
6728	235	229	2	205	0.4	0.99	< 2	20	< 0.5	< 2	3.05	1.5	10	88	88	>15.00	10	< 1	0.19	< 10	3.33
6728 HEAVIES	235	229	< 1	149	< 0.2	1.19	< 2	40	< 0.5	< 2	1.94	1.0	19	54	66	>15.00	10	< 1	0.36	< 10	2.90
6728 HEAVIES (2)	235	229	34	255	0.2	2.00	< 2	80	< 0.5	< 2	1.58	1.5	17	115	257	>15.00	10	< 1	0.68	< 10	2.61

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Account :LZV

CERTIFICATE OF ANALYSIS A9524908

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6725	235	229	285	8	0.13	68	380	22	8	7	32	0.02	< 10	< 10	49	< 10	186
6725 HEAVIES	235	229	795	9	0.17	108	760	30	4	14	50	0.12	< 10	60	99	< 10	210
6726	235	229	290	6	0.12	36	340	12	< 2	4	24	0.06	< 10	< 10	47	< 10	234
6726 HEAVIES	235	229	2260	2	0.14	50	1020	12	4	12	63	0.21	< 10	< 10	107	20	166
6727	235	229	1205	10	0.06	13	220	6	8	5	13	0.10	< 10	< 10	103	< 10	44
6727 HEAVIES	235	229	1500	25	0.08	28	840	62	24	9	27	0.14	< 10	< 10	150	< 10	228
6728	235	229	6510	8	0.01	55	1600	< 2	16	3	66	0.01	< 10	< 10	64	30	166
6728 HEAVIES	235	229	5620	3	0.01	35	410	< 2	12	3	37	0.01	< 10	< 10	44	20	116
6728 HEAVIES (2)	235	229	4810	3	0.02	52	510	24	16	6	33	0.03	< 10	< 10	74	10	216

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

05-09-1995

A9525038

Comments: ATN; M. ROSATELLI

CERTIFICATE A9525038

(LZV) - KENNECOTT CANADA, INC.

Project: KAN - 431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 28-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	10	Geochem ring to approx 150 mesh
294	10	4-7 Kg crush and split
3202	10	Rock - save entire reject
238	10	Nitric-aqua-regia digestion
229	10	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	10	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
4	10	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	10	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	10	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	10	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	10	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	10	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	10	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	10	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	10	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	10	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	10	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	10	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	10	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	10	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	10	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	10	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	10	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	10	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	10	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	10	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	10	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	10	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	10	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	10	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	10	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	10	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	10	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	10	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	10	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	10	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	10	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	10	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	10	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	10	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

Chemex Labs Ltd.

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TORONTO, ON
M5J 2S1

Project : KAN - 431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 28-AUG-95
Invoice No. : I9525038
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525038

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6118	205	294	< 5	26	3100	1.0	1.32	28	20	0.5	< 2	1.14	18.5	18	88	259	10.70	< 10	650	0.48	10
6121	205	294	35	64	5150	2.0	1.04	120	20	0.5	4	0.88	27.0	28	74	371	12.70	< 10	1310	0.41	< 10
6124	205	294	30	60	1500	1.8	0.65	62	20	< 0.5	2	3.79	6.5	27	94	277	12.05	< 10	420	0.24	10
6127	205	294	35	27	1600	2.4	0.82	34	30	< 0.5	2	2.24	15.5	20	78	385	>15.00	< 10	380	0.35	10
6130	205	294	45	70	2350	1.6	0.84	138	20	0.5	4	1.15	10.0	24	82	213	>15.00	< 10	1140	0.39	10
6133	205	294	5	16	930	1.2	1.54	28	30	< 0.5	2	1.80	4.0	29	80	167	11.85	< 10	250	0.35	10
6136	205	294	< 5	21	780	1.8	1.32	20	20	< 0.5	4	1.63	3.0	21	83	192	13.75	< 10	200	0.21	10
6139	205	294	20	37	1000	1.2	1.07	68	20	< 0.5	4	4.91	4.0	18	37	53	10.25	< 10	620	0.37	10
6142	205	294	10	24	400	1.2	1.14	38	20	< 0.5	< 2	0.73	1.5	29	47	74	9.28	< 10	350	0.41	10
6145	205	294	10	21	600	1.0	1.07	28	30	< 0.5	2	0.59	2.0	21	42	97	10.95	< 10	320	0.45	10

CERTIFICATION:

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Analytical Chemists * Geochemists * Registered Assayers

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M5J 2S1

Project : KAN - 431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 28-AUG-95
Invoice No. : I9525038
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525038

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6118	205	294	0.68	530	58	0.01	191	480	30	< 2	2	26	< 0.01	< 10	20	159	< 10	2610
6121	205	294	0.62	690	159	< 0.01	335	970	62	< 2	2	25	0.01	< 10	30	586	< 10	3720
6124	205	294	1.94	3270	90	< 0.01	192	3170	50	< 2	1	98	< 0.01	< 10	30	362	< 10	1115
6127	205	294	1.21	1570	130	0.01	303	1650	52	2	2	56	0.01	< 10	30	510	< 10	2510
6130	205	294	0.54	625	81	< 0.01	182	950	62	2	1	33	< 0.01	< 10	10	191	< 10	1705
6133	205	294	1.40	1130	20	0.01	78	1690	18	< 2	2	57	< 0.01	< 10	< 10	97	< 10	730
6136	205	294	1.24	1350	40	< 0.01	119	1170	26	< 2	2	47	< 0.01	< 10	10	182	< 10	628
6139	205	294	2.44	1080	14	0.01	75	200	38	< 2	2	98	< 0.01	< 10	< 10	39	< 10	844
6142	205	294	0.56	195	12	0.02	88	210	32	< 2	2	21	< 0.01	< 10	< 10	25	< 10	420
6145	205	294	0.46	145	10	0.02	98	240	28	< 2	2	20	< 0.01	< 10	< 10	19	< 10	502

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9525038

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
6118	205	294	< 5	26	3100	1.0	1.32	28	20	0.5	< 2	1.14	18.5	18	88	259	10.70	< 10	650	0.48	10
6121	205	294	35	64	5150	2.0	1.04	120	20	0.5	4	0.88	27.0	28	74	371	12.70	< 10	1310	0.41	< 10
6124	205	294	30	60	1500	1.8	0.65	62	20	< 0.5	2	3.79	6.5	27	94	277	12.05	< 10	420	0.24	10
6127	205	294	35	27	1600	2.4	0.82	34	30	< 0.5	2	2.24	15.5	20	78	385	>15.00	< 10	380	0.35	10
6130	205	294	45	70	2350	1.6	0.84	138	20	0.5	4	1.15	10.0	24	82	213	>15.00	< 10	1140	0.39	10
6133	205	294	5	16	930	1.2	1.54	28	30	< 0.5	2	1.80	4.0	29	80	167	11.85	< 10	250	0.35	10
6136	205	294	< 5	21	780	1.8	1.32	20	20	< 0.5	4	1.63	3.0	21	83	192	13.75	< 10	200	0.21	10
6139	205	294	20	37	1000	1.2	1.07	68	20	< 0.5	4	4.91	4.0	18	37	53	10.25	< 10	620	0.37	10
6142	205	294	10	24	400	1.2	1.14	38	20	< 0.5	< 2	0.73	1.5	29	47	74	9.28	< 10	350	0.41	10
6145	205	294	10	21	600	1.0	1.07	28	30	< 0.5	2	0.59	2.0	21	42	97	10.95	< 10	320	0.45	10

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TORONTO, ON
M5J 2S1

Project : KAN - 431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 28-AUG-95
Invoice No. : I9525038
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525038

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
6118	205	294	0.68	530	58	0.01	191	480	30	< 2	2	26	< 0.01	< 10	20	159	< 10	2610
6121	205	294	0.62	690	159	< 0.01	335	970	62	< 2	2	25	0.01	< 10	30	586	< 10	3720
6124	205	294	1.94	3270	90	< 0.01	192	3170	50	< 2	1	98	< 0.01	< 10	30	362	< 10	1115
6127	205	294	1.21	1570	130	0.01	303	1650	52	2	2	56	0.01	< 10	30	510	< 10	2510
6130	205	294	0.54	625	81	< 0.01	182	950	62	2	1	33	< 0.01	< 10	10	191	< 10	1705
6133	205	294	1.40	1130	20	0.01	78	1690	18	< 2	2	57	< 0.01	< 10	< 10	97	< 10	730
6136	205	294	1.24	1350	40	< 0.01	119	1170	26	< 2	2	47	< 0.01	< 10	10	182	< 10	628
6139	205	294	2.44	1080	14	0.01	75	200	38	< 2	2	98	< 0.01	< 10	< 10	39	< 10	844
6142	205	294	0.56	195	12	0.02	88	210	32	< 2	2	21	< 0.01	< 10	< 10	25	< 10	420
6145	205	294	0.46	145	10	0.02	98	240	28	< 2	2	20	< 0.01	< 10	< 10	19	< 10	502

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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A9525619

Comments: ATN; M. ROSATELLI

11-09-1995

CERTIFICATE A9525619

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	33	Geochem ring to approx 150 mesh
226	33	0-3 Kg crush and split
3202	33	Rock - save entire reject
229	33	ICP - AQ Digestion charge
238	2	Nitric-aqua-regia digestion
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	33	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	33	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	33	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	33	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	33	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	33	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	33	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	33	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	33	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	33	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	33	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	33	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	33	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	33	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	33	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	33	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	33	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	33	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	33	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	33	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	33	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	33	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	33	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	33	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	33	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	33	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	33	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	33	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	33	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	33	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	33	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	33	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	33	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	2	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	2	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 02-SEP-95
Invoice No. : I9525619
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525619

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6200	205	226	< 5	< 0.2	0.05	6	< 10	< 0.5	< 2	2.77	< 0.5	2	144	9	10.65	< 10	770	0.02	< 10	2.58	1670
6201	205	226	< 5	< 0.2	0.01	< 2	< 10	< 0.5	< 2	0.75	< 0.5	2	164	1	11.10	< 10	80	< 0.01	< 10	2.11	1795
6202	205	226	< 5	< 0.2	0.03	4	< 10	< 0.5	< 2	2.67	< 0.5	2	135	1	9.14	< 10	< 10	< 0.01	< 10	2.41	2250
6203	205	226	< 5	< 0.2	0.21	4	< 10	< 0.5	< 2	3.48	< 0.5	7	65	4	15.00	< 10	30	0.01	< 10	2.98	6880
6223	205	226	< 5	1.0	0.71	30	10	< 0.5	< 2	1.31	2.0	19	62	128	9.21	< 10	150	0.29	< 10	0.66	390
6226	205	226	< 5	< 0.2	0.60	18	< 10	< 0.5	< 2	5.01	1.0	12	84	79	9.50	< 10	30	0.15	< 10	2.85	1460
6234	205	226	< 5	< 0.2	0.03	22	< 10	< 0.5	< 2	3.65	< 0.5	2	133	10	10.00	< 10	< 10	< 0.01	< 10	2.80	1415
6235	205	226	< 5	< 0.2	0.07	8	< 10	< 0.5	< 2	4.97	< 0.5	2	119	1	8.39	< 10	< 10	0.01	< 10	3.16	1535
6236	205	226	< 5	0.2	0.18	4	< 10	< 0.5	< 2	3.56	< 0.5	5	72	2	14.40	< 10	20	0.01	< 10	3.22	5460
6250	205	226	< 5	< 0.2	0.09	< 2	< 10	< 0.5	< 2	2.63	< 0.5	4	67	11	>15.00	< 10	10	0.01	< 10	3.69	3950
6251	205	226	< 5	< 0.2	0.08	< 2	< 10	< 0.5	< 2	3.75	< 0.5	6	49	30	>15.00	< 10	20	0.03	< 10	3.77	3690
6252	205	226	< 5	< 0.2	0.19	6	< 10	< 0.5	< 2	2.96	< 0.5	3	59	4	>15.00	< 10	30	0.05	< 10	3.83	4030
6253	205	226	< 5	0.4	0.14	2	< 10	< 0.5	< 2	2.19	< 0.5	15	60	98	>15.00	< 10	< 10	0.03	< 10	2.90	4860
6254	205	226	135	< 0.2	0.49	< 2	10	< 0.5	< 2	4.80	< 0.5	5	58	28	>15.00	< 10	30	0.08	< 10	3.88	5200
6255	205	226	< 5	0.2	0.20	< 2	< 10	< 0.5	< 2	7.32	< 0.5	5	32	12	13.30	< 10	< 10	< 0.01	< 10	4.61	3670
6256	205	226	< 5	< 0.2	0.41	< 2	< 10	< 0.5	< 2	4.97	< 0.5	3	54	7	14.10	< 10	10	< 0.01	< 10	3.15	5230
6257	205	226	< 5	< 0.2	0.19	2	< 10	< 0.5	< 2	3.65	< 0.5	4	66	1	14.75	< 10	20	< 0.01	< 10	2.80	4760
6258	205	226	< 5	< 0.2	0.11	4	< 10	< 0.5	< 2	2.70	< 0.5	3	53	6	>15.00	< 10	10	< 0.01	< 10	2.88	4660
6259	205	226	20	0.4	0.37	98	10	< 0.5	< 2	1.02	0.5	19	77	37	14.80	< 10	230	0.10	< 10	1.25	1835
6272	205	226	740	< 0.2	0.16	< 2	< 10	< 0.5	< 2	6.42	< 0.5	2	56	10	13.45	< 10	40	< 0.01	< 10	3.88	3800
6273	205	226	335	< 0.2	0.02	4	< 10	< 0.5	< 2	4.76	< 0.5	2	51	3	>15.00	< 10	40	< 0.01	< 10	3.86	4990
6274	205	226	100	< 0.2	0.13	< 2	< 10	< 0.5	< 2	7.75	< 0.5	3	33	14	13.40	< 10	10	< 0.01	< 10	4.32	3820
6275	205	226	325	< 0.2	0.17	2	< 10	< 0.5	< 2	7.28	< 0.5	2	35	5	12.05	< 10	< 10	< 0.01	< 10	4.16	2840
6276	205	226	175	< 0.2	0.20	26	< 10	< 0.5	< 2	8.42	< 0.5	2	23	8	13.15	< 10	20	0.01	< 10	4.62	3400
6277	205	226	< 5	< 0.2	0.10	6	< 10	< 0.5	< 2	8.57	< 0.5	1	27	2	12.70	< 10	20	< 0.01	< 10	4.75	3370
6278	205	226	1060	< 0.2	0.16	18	< 10	< 0.5	< 2	10.15	< 0.5	3	27	7	11.90	< 10	70	0.01	< 10	4.84	4230
6279	205	226	90	0.2	0.27	12	< 10	< 0.5	< 2	2.28	< 0.5	6	36	3	>15.00	< 10	< 10	0.07	< 10	3.21	7480
6280	205	226	< 5	< 0.2	0.17	< 2	< 10	< 0.5	< 2	1.93	< 0.5	4	48	< 1	>15.00	< 10	< 10	0.02	< 10	3.01	7090
6281	205	226	< 5	0.2	0.45	6	< 10	< 0.5	< 2	1.45	< 0.5	6	45	2	>15.00	< 10	20	0.05	< 10	3.09	7620
6282	205	226	155	0.4	0.39	6	< 10	< 0.5	< 2	3.34	< 0.5	3	42	4	>15.00	< 10	< 10	0.10	< 10	3.15	6820
6283	205	226	< 5	< 0.2	1.15	38	< 10	< 0.5	< 2	1.99	< 0.5	11	50	9	>15.00	< 10	20	0.04	< 10	3.18	9180
6284	205	226	< 5	< 0.2	0.84	< 2	< 10	< 0.5	< 2	4.92	< 0.5	8	57	25	14.10	< 10	< 10	0.09	< 10	3.59	5580
6285	205	226	< 5	0.2	0.69	2	< 10	< 0.5	< 2	3.85	< 0.5	6	45	8	14.60	< 10	< 10	0.03	< 10	3.09	8170

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 02-SEP-95
Invoice No. : I9525619
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525619

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6200	205	226	< 1	< 0.01	6	180	2	< 2	< 1	30	< 0.01	< 10	< 10	9	< 10	18	-----	-----
6201	205	226	< 1	< 0.01	5	150	< 2	< 2	< 1	8	< 0.01	< 10	< 10	1	< 10	4	-----	-----
6202	205	226	< 1	< 0.01	7	190	2	< 2	< 1	21	< 0.01	< 10	< 10	4	< 10	8	-----	-----
6203	205	226	3	< 0.01	7	350	2	2	< 1	29	< 0.01	< 10	< 10	11	< 10	16	-----	-----
6223	205	226	22	< 0.01	98	480	18	< 2	< 1	20	< 0.01	< 10	< 10	19	< 10	514	11	550
6226	205	226	9	< 0.01	47	360	8	< 2	1	66	< 0.01	< 10	< 10	21	< 10	120	< 1	136
6234	205	226	< 1	< 0.01	11	110	< 2	< 2	< 1	29	< 0.01	< 10	< 10	3	< 10	18	-----	-----
6235	205	226	< 1	< 0.01	8	90	2	< 2	< 1	44	< 0.01	< 10	< 10	8	< 10	20	-----	-----
6236	205	226	< 1	< 0.01	7	320	4	< 2	< 1	28	< 0.01	< 10	< 10	13	< 10	14	-----	-----
6250	205	226	7	< 0.01	2	290	< 2	< 2	< 1	26	< 0.01	< 10	< 10	11	< 10	20	-----	-----
6251	205	226	< 1	< 0.01	5	170	2	< 2	< 1	36	< 0.01	< 10	< 10	8	< 10	18	-----	-----
6252	205	226	1	< 0.01	3	470	< 2	< 2	< 1	31	< 0.01	< 10	< 10	13	< 10	20	-----	-----
6253	205	226	3	< 0.01	15	330	4	< 2	< 1	30	< 0.01	< 10	< 10	11	< 10	18	-----	-----
6254	205	226	5	< 0.01	6	310	2	< 2	< 1	81	< 0.01	< 10	< 10	27	< 10	32	-----	-----
6255	205	226	< 1	< 0.01	3	210	4	< 2	< 1	61	< 0.01	< 10	< 10	16	< 10	20	-----	-----
6256	205	226	1	< 0.01	3	230	2	< 2	< 1	28	< 0.01	< 10	< 10	22	< 10	24	-----	-----
6257	205	226	< 1	< 0.01	3	250	2	< 2	< 1	18	< 0.01	< 10	< 10	16	< 10	16	-----	-----
6258	205	226	2	< 0.01	4	300	2	< 2	< 1	15	< 0.01	< 10	< 10	12	< 10	16	-----	-----
6259	205	226	6	< 0.01	38	340	30	2	< 1	16	< 0.01	< 10	< 10	24	< 10	244	-----	-----
6272	205	226	< 1	< 0.01	3	460	2	< 2	< 1	93	< 0.01	< 10	< 10	11	< 10	26	-----	-----
6273	205	226	1	< 0.01	1	850	< 2	< 2	< 1	55	< 0.01	< 10	< 10	3	< 10	24	-----	-----
6274	205	226	< 1	< 0.01	3	290	6	4	< 1	85	< 0.01	< 10	< 10	11	< 10	26	-----	-----
6275	205	226	1	< 0.01	2	280	4	< 2	< 1	92	< 0.01	< 10	< 10	13	< 10	24	-----	-----
6276	205	226	< 1	< 0.01	2	250	4	< 2	< 1	123	< 0.01	< 10	< 10	10	< 10	30	-----	-----
6277	205	226	< 1	< 0.01	1	260	2	< 2	< 1	104	< 0.01	< 10	< 10	7	< 10	28	-----	-----
6278	205	226	< 1	< 0.01	1	240	2	< 2	< 1	165	< 0.01	< 10	< 10	8	< 10	38	-----	-----
6279	205	226	< 1	< 0.01	4	380	2	< 2	< 1	34	< 0.01	< 10	< 10	15	< 10	24	-----	-----
6280	205	226	< 1	< 0.01	2	220	< 2	< 2	< 1	20	< 0.01	< 10	< 10	14	< 10	12	-----	-----
6281	205	226	2	< 0.01	5	350	< 2	< 2	1	12	< 0.01	< 10	< 10	26	< 10	14	-----	-----
6282	205	226	< 1	0.01	4	330	4	< 2	< 1	32	< 0.01	< 10	< 10	22	< 10	14	-----	-----
6283	205	226	4	< 0.01	13	560	2	< 2	2	20	0.01	< 10	< 10	65	< 10	22	-----	-----
6284	205	226	6	< 0.01	10	490	2	< 2	3	54	0.01	< 10	< 10	52	< 10	18	-----	-----
6285	205	226	2	< 0.01	9	380	4	< 2	1	35	0.01	< 10	< 10	57	< 10	16	-----	-----

CERTIFICATION:

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 02-SEP-95
Invoice No. : I9525619
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525619

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6200	205	226	< 5	< 0.2	0.05	6	< 10	< 0.5	< 2	2.77	< 0.5	2	144	9	10.65	< 10	770	0.02	< 10	2.58	1670
6201	205	226	< 5	< 0.2	0.01	< 2	< 10	< 0.5	< 2	0.75	< 0.5	2	164	1	11.10	< 10	80	< 0.01	< 10	2.11	1795
6202	205	226	< 5	< 0.2	0.03	4	< 10	< 0.5	< 2	2.67	< 0.5	2	135	1	9.14	< 10	< 10	< 0.01	< 10	2.41	2250
6203	205	226	< 5	< 0.2	0.21	4	< 10	< 0.5	< 2	3.48	< 0.5	7	65	4	15.00	< 10	30	0.01	< 10	2.98	6880
6223	205	226	< 5	1.0	0.71	30	10	< 0.5	< 2	1.31	2.0	19	62	128	9.21	< 10	150	0.29	< 10	0.66	390
6226	205	226	< 5	< 0.2	0.60	18	< 10	< 0.5	< 2	5.01	1.0	12	84	79	9.50	< 10	30	0.15	< 10	2.85	1460
6234	205	226	< 5	< 0.2	0.03	22	< 10	< 0.5	< 2	3.65	< 0.5	2	133	10	10.00	< 10	< 10	< 0.01	< 10	2.80	1415
6235	205	226	< 5	< 0.2	0.07	8	< 10	< 0.5	< 2	4.97	< 0.5	2	119	1	8.39	< 10	< 10	0.01	< 10	3.16	1535
6236	205	226	< 5	0.2	0.18	4	< 10	< 0.5	< 2	3.56	< 0.5	5	72	2	14.40	< 10	20	0.01	< 10	3.22	5460
6250	205	226	< 5	< 0.2	0.09	< 2	< 10	< 0.5	< 2	2.63	< 0.5	4	67	11	>15.00	< 10	10	0.01	< 10	3.69	3950
6251	205	226	< 5	< 0.2	0.08	< 2	< 10	< 0.5	< 2	3.75	< 0.5	6	49	30	>15.00	< 10	20	0.03	< 10	3.77	3690
6252	205	226	< 5	< 0.2	0.19	6	< 10	< 0.5	< 2	2.96	< 0.5	3	59	4	>15.00	< 10	30	0.05	< 10	3.83	4030
6253	205	226	< 5	0.4	0.14	2	< 10	< 0.5	< 2	2.19	< 0.5	15	60	98	>15.00	< 10	< 10	0.03	< 10	2.90	4860
6254	205	226	135	< 0.2	0.49	< 2	10	< 0.5	< 2	4.80	< 0.5	5	58	28	>15.00	< 10	30	0.08	< 10	3.88	5200
6255	205	226	< 5	0.2	0.20	< 2	< 10	< 0.5	< 2	7.32	< 0.5	5	32	12	13.30	< 10	< 10	< 0.01	< 10	4.61	3670
6256	205	226	< 5	< 0.2	0.41	< 2	< 10	< 0.5	< 2	4.97	< 0.5	3	54	7	14.10	< 10	10	< 0.01	< 10	3.15	5230
6257	205	226	< 5	< 0.2	0.19	2	< 10	< 0.5	< 2	3.65	< 0.5	4	66	1	14.75	< 10	20	< 0.01	< 10	2.80	4760
6258	205	226	< 5	< 0.2	0.11	4	< 10	< 0.5	< 2	2.70	< 0.5	3	53	6	>15.00	< 10	10	< 0.01	< 10	2.88	4660
6259	205	226	20	0.4	0.37	98	10	< 0.5	< 2	1.02	0.5	19	77	37	14.80	< 10	230	0.10	< 10	1.25	1835
6272	205	226	740	< 0.2	0.16	< 2	< 10	< 0.5	< 2	6.42	< 0.5	2	56	10	13.45	< 10	40	< 0.01	< 10	3.88	3800
6273	205	226	335	< 0.2	0.02	4	< 10	< 0.5	< 2	4.76	< 0.5	2	51	3	>15.00	< 10	40	< 0.01	< 10	3.86	4990
6274	205	226	100	< 0.2	0.13	< 2	< 10	< 0.5	< 2	7.75	< 0.5	3	33	14	13.40	< 10	10	< 0.01	< 10	4.32	3820
6275	205	226	325	< 0.2	0.17	2	< 10	< 0.5	< 2	7.28	< 0.5	2	35	5	12.05	< 10	< 10	< 0.01	< 10	4.16	2840
6276	205	226	175	< 0.2	0.20	26	< 10	< 0.5	< 2	8.42	< 0.5	2	23	8	13.15	< 10	20	0.01	< 10	4.62	3400
6277	205	226	< 5	< 0.2	0.10	6	< 10	< 0.5	< 2	8.57	< 0.5	1	27	2	12.70	< 10	20	< 0.01	< 10	4.75	3370
6278	205	226	1060	< 0.2	0.16	18	< 10	< 0.5	< 2	10.15	< 0.5	3	27	7	11.90	< 10	70	0.01	< 10	4.84	4230
6279	205	226	90	0.2	0.27	12	< 10	< 0.5	< 2	2.28	< 0.5	6	36	3	>15.00	< 10	< 10	0.07	< 10	3.21	7480
6280	205	226	< 5	< 0.2	0.17	< 2	< 10	< 0.5	< 2	1.93	< 0.5	4	48	< 1	>15.00	< 10	< 10	0.02	< 10	3.01	7090
6281	205	226	< 5	0.2	0.45	6	< 10	< 0.5	< 2	1.45	< 0.5	6	45	2	>15.00	< 10	20	0.05	< 10	3.09	7620
6282	205	226	155	0.4	0.39	6	< 10	< 0.5	< 2	3.34	< 0.5	3	42	4	>15.00	< 10	< 10	0.10	< 10	3.15	6820
6283	205	226	< 5	< 0.2	1.15	38	< 10	< 0.5	< 2	1.99	< 0.5	11	50	9	>15.00	< 10	20	0.04	< 10	3.18	9180
6284	205	226	< 5	< 0.2	0.84	< 2	< 10	< 0.5	< 2	4.92	< 0.5	8	57	25	14.10	< 10	< 10	0.09	< 10	3.59	5580
6285	205	226	< 5	0.2	0.69	2	< 10	< 0.5	< 2	3.85	< 0.5	6	45	8	14.60	< 10	< 10	0.03	< 10	3.09	8170

CERTIFICATION:_____

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 02-SEP-95
Invoice No. : I9525619
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525619

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6200	205	226	< 1	< 0.01	6	180	2	< 2	< 1	30	< 0.01	< 10	< 10	9	< 10	18	-----	-----
6201	205	226	< 1	< 0.01	5	150	< 2	< 2	< 1	8	< 0.01	< 10	< 10	1	< 10	4	-----	-----
6202	205	226	< 1	< 0.01	7	190	2	< 2	< 1	21	< 0.01	< 10	< 10	4	< 10	8	-----	-----
6203	205	226	3	< 0.01	7	350	2	2	< 1	29	< 0.01	< 10	< 10	11	< 10	16	-----	-----
6223	205	226	22	< 0.01	98	480	18	< 2	< 1	20	< 0.01	< 10	< 10	19	< 10	514	11	550
6226	205	226	9	< 0.01	47	360	8	< 2	1	66	< 0.01	< 10	< 10	21	< 10	120	< 1	136
6234	205	226	< 1	< 0.01	11	110	< 2	< 2	< 1	29	< 0.01	< 10	< 10	3	< 10	18	-----	-----
6235	205	226	< 1	< 0.01	8	90	2	< 2	< 1	44	< 0.01	< 10	< 10	8	< 10	20	-----	-----
6236	205	226	< 1	< 0.01	7	320	4	< 2	< 1	28	< 0.01	< 10	< 10	13	< 10	14	-----	-----
6250	205	226	7	< 0.01	2	290	< 2	< 2	< 1	26	< 0.01	< 10	< 10	11	< 10	20	-----	-----
6251	205	226	< 1	< 0.01	5	170	2	< 2	< 1	36	< 0.01	< 10	< 10	8	< 10	18	-----	-----
6252	205	226	1	< 0.01	3	470	< 2	< 2	< 1	31	< 0.01	< 10	< 10	13	< 10	20	-----	-----
6253	205	226	3	< 0.01	15	330	4	< 2	< 1	30	< 0.01	< 10	< 10	11	< 10	18	-----	-----
6254	205	226	5	< 0.01	6	310	2	< 2	< 1	81	< 0.01	< 10	< 10	27	< 10	32	-----	-----
6255	205	226	< 1	< 0.01	3	210	4	< 2	< 1	61	< 0.01	< 10	< 10	16	< 10	20	-----	-----
6256	205	226	1	< 0.01	3	230	2	< 2	< 1	28	< 0.01	< 10	< 10	22	< 10	24	-----	-----
6257	205	226	< 1	< 0.01	3	250	2	< 2	< 1	18	< 0.01	< 10	< 10	16	< 10	16	-----	-----
6258	205	226	2	< 0.01	4	300	2	< 2	< 1	15	< 0.01	< 10	< 10	12	< 10	16	-----	-----
6259	205	226	6	< 0.01	38	340	30	2	< 1	16	< 0.01	< 10	< 10	24	< 10	244	-----	-----
6272	205	226	< 1	< 0.01	3	460	2	< 2	< 1	93	< 0.01	< 10	< 10	11	< 10	26	-----	-----
6273	205	226	1	< 0.01	1	850	< 2	< 2	< 1	55	< 0.01	< 10	< 10	3	< 10	24	-----	-----
6274	205	226	< 1	< 0.01	3	290	6	4	< 1	85	< 0.01	< 10	< 10	11	< 10	26	-----	-----
6275	205	226	1	< 0.01	2	280	4	< 2	< 1	92	< 0.01	< 10	< 10	13	< 10	24	-----	-----
6276	205	226	< 1	< 0.01	2	250	4	< 2	< 1	123	< 0.01	< 10	< 10	10	< 10	30	-----	-----
6277	205	226	< 1	< 0.01	1	260	2	< 2	< 1	104	< 0.01	< 10	< 10	7	< 10	28	-----	-----
6278	205	226	< 1	< 0.01	1	240	2	< 2	< 1	165	< 0.01	< 10	< 10	8	< 10	38	-----	-----
6279	205	226	< 1	< 0.01	4	380	2	< 2	< 1	34	< 0.01	< 10	< 10	15	< 10	24	-----	-----
6280	205	226	< 1	< 0.01	2	220	< 2	< 2	< 1	20	< 0.01	< 10	< 10	14	< 10	12	-----	-----
6281	205	226	2	< 0.01	5	350	< 2	< 2	1	12	< 0.01	< 10	< 10	26	< 10	14	-----	-----
6282	205	226	< 1	0.01	4	330	4	< 2	< 1	32	< 0.01	< 10	< 10	22	< 10	14	-----	-----
6283	205	226	4	< 0.01	13	560	2	< 2	2	20	0.01	< 10	< 10	65	< 10	22	-----	-----
6284	205	226	6	< 0.01	10	490	2	< 2	3	54	0.01	< 10	< 10	52	< 10	18	-----	-----
6285	205	226	2	< 0.01	9	380	4	< 2	1	35	0.01	< 10	< 10	57	< 10	16	-----	-----

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5J 2S1

A9525630

Comments: ATN; M. ROSATELLI

CERTIFICATE A9525630

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 8-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	3	Geochem ring to approx 150 mesh
226	3	0-3 Kg crush and split
3202	3	Rock - save entire reject
229	3	ICP - AQ Digestion charge
238	3	Nitric-aqua-regia digestion
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	3	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	3	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	3	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	3	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	3	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	3	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	3	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	3	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	3	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	3	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	3	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	3	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	3	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	3	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	3	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	3	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	3	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	3	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	3	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	3	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	3	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	3	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	3	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	3	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	3	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	3	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	3	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	3	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	3	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	3	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	3	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	3	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	3	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	3	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	3	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

TO: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 08-SEP-95
Invoice No. : I9525630
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525630

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7954	205	226	< 5	1.6	0.15	8	< 10	< 0.5	2	10.05	48.0	1	26	40	2.64	< 10	1160	0.05	< 10	6.28	2130
7955	205	226	< 5	< 0.2	0.44	< 2	40	< 0.5	< 2	0.08	< 0.5	< 1	21	4	0.56	< 10	< 10	0.38	10	0.06	20
7961	205	226	< 5	0.6	0.25	< 2	10	< 0.5	< 2	0.07	< 0.5	< 1	230	8	1.46	< 10	20	0.15	10	0.06	30

CERTIFICATION: Stewart Bichler

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 08-SEP-95
Invoice No. : I9525630
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525630

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
7954	205	226	< 1	< 0.01	2	340	2150	< 2	5	327	< 0.01	< 10	< 10	4	< 10	6800	2350	7050
7955	205	226	< 1	< 0.01	1	210	16	< 2	< 1	8	< 0.01	< 10	< 10	3	< 10	38	18	42
7961	205	226	6	0.01	3	70	22	< 2	< 1	3	< 0.01	< 10	< 10	8	< 10	48	25	60

CERTIFICATION: Stuart Bidder

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 08-SEP-95
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P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525630

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7954	205	226	< 5	1.6	0.15	8	< 10	< 0.5	2	10.05	48.0	1	26	40	2.64	< 10	1160	0.05	< 10	6.28	2130
7955	205	226	< 5	< 0.2	0.44	< 2	40	< 0.5	< 2	0.08	< 0.5	< 1	21	4	0.56	< 10	< 10	0.38	10	0.06	20
7961	205	226	< 5	0.6	0.25	< 2	10	< 0.5	< 2	0.07	< 0.5	< 1	230	8	1.46	< 10	20	0.15	10	0.06	30

CERTIFICATION: David Pratt

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 08-SEP-95
Invoice No. : I9525630
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525630

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
7954	205	226	< 1	< 0.01	2	340	2150	< 2	5	327	< 0.01	< 10	< 10	4	< 10	6800	2350	7050
7955	205	226	< 1	< 0.01	1	210	16	< 2	< 1	8	< 0.01	< 10	< 10	3	< 10	38	18	42
7961	205	226	6	0.01	3	70	22	< 2	< 1	3	< 0.01	< 10	< 10	8	< 10	48	25	60

CERTIFICATION: Ian Bichler

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A9526692

Comments: ATN; M. ROSATELLI

CERTIFICATE A9526692

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 12-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	7	Geochem ring to approx 150 mesh
226	7	0-3 Kg crush and split
3202	7	Rock - save entire reject
229	7	ICP - AQ Digestion charge
238	7	Nitric-aqua-regia digestion
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	7	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	7	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	7	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	7	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	7	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	7	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	7	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	7	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	7	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	7	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	7	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	7	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	7	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	7	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	7	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	7	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	7	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	7	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	7	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	7	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	7	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	7	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	7	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	7	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	7	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	7	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	7	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	7	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	7	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	7	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	7	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	7	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	7	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	7	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	7	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 12-SEP-95
Invoice No. : I9526692
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9526692

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7221	205	226	3190	< 0.2	0.14	< 2	< 10	< 0.5	< 2	0.06	< 0.5	3	129	21	11.20	< 10	20	< 0.01	< 10	0.26	3330
7222	205	226	2000	< 0.2	0.03	< 2	< 10	< 0.5	< 2	0.04	< 0.5	2	181	8	5.81	< 10	40	0.01	< 10	0.06	2570
7223	205	226	>10000	0.8	0.37	< 2	< 10	< 0.5	< 2	0.05	0.5	7	130	30	>15.00	< 10	140	0.01	< 10	0.26	5950
7224	205	226	35	< 0.2	0.23	< 2	< 10	< 0.5	< 2	0.47	< 0.5	4	61	13	>15.00	< 10	20	< 0.01	< 10	0.65	6240
7225	205	226	50	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.57	< 0.5	19	147	21	8.00	< 10	< 10	< 0.01	< 10	0.26	1005
7226	205	226	5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.33	< 0.5	4	70	82	>15.00	< 10	< 10	0.01	< 10	0.16	910
7227	205	226	10	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.03	< 0.5	65	180	27	12.30	< 10	< 10	< 0.01	< 10	0.02	170

CERTIFICATION:

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 12-SEP-95
Invoice No. : I9526692
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9526692

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
7221	205	226	1	< 0.01	2	130	< 2	6	< 1	2	< 0.01	< 10	< 10	11	< 10	24	< 1	29
7222	205	226	< 1	< 0.01	3	100	< 2	2	< 1	3	< 0.01	< 10	< 10	4	< 10	8	< 1	13
7223	205	226	2	< 0.01	3	240	< 2	8	1	7	< 0.01	< 10	< 10	23	< 10	44	< 1	58
7224	205	226	1	< 0.01	3	450	< 2	6	1	9	< 0.01	< 10	< 10	26	< 10	16	< 1	25
7225	205	226	< 1	< 0.01	6	50	< 2	4	< 1	11	< 0.01	< 10	< 10	3	< 10	2	< 1	8
7226	205	226	< 1	< 0.01	16	90	< 2	12	1	5	< 0.01	< 10	< 10	1	< 10	< 2	< 1	10
7227	205	226	< 1	< 0.01	7	40	< 2	8	< 1	1	< 0.01	< 10	< 10	1	< 10	< 2	< 1	5

CERTIFICATION: _____

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Project : KAN-431
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Page Number : 1-A
Total Pages : 1
Certificate Date: 12-SEP-95
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P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9526692

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7221	205	226	3190	< 0.2	0.14	< 2	< 10	< 0.5	< 2	0.06	< 0.5	3	129	21	11.20	< 10	20	< 0.01	< 10	0.26	3330
7222	205	226	2000	< 0.2	0.03	< 2	< 10	< 0.5	< 2	0.04	< 0.5	2	181	8	5.81	< 10	40	0.01	< 10	0.06	2570
7223	205	226	>10000	0.8	0.37	< 2	< 10	< 0.5	< 2	0.05	0.5	7	130	30	>15.00	< 10	140	0.01	< 10	0.26	5950
7224	205	226	35	< 0.2	0.23	< 2	< 10	< 0.5	< 2	0.47	< 0.5	4	61	13	>15.00	< 10	20	< 0.01	< 10	0.65	6240
7225	205	226	50	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.57	< 0.5	19	147	21	8.00	< 10	< 10	< 0.01	< 10	0.26	1005
7226	205	226	5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.33	< 0.5	4	70	82	>15.00	< 10	< 10	0.01	< 10	0.16	910
7227	205	226	10	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.03	< 0.5	65	180	27	12.30	< 10	< 10	< 0.01	< 10	0.02	170

CERTIFICATION:_____

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Project : KAN-431
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CERTIFICATE OF ANALYSIS A9526692

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
7221	205	226	1	< 0.01	2	130	< 2	6	< 1	2	< 0.01	< 10	< 10	11	< 10	24	< 1	29
7222	205	226	< 1	< 0.01	3	100	< 2	2	< 1	3	< 0.01	< 10	< 10	4	< 10	8	< 1	13
7223	205	226	2	< 0.01	3	240	< 2	8	1	7	< 0.01	< 10	< 10	23	< 10	44	< 1	58
7224	205	226	1	< 0.01	3	450	< 2	6	1	9	< 0.01	< 10	< 10	26	< 10	16	< 1	25
7225	205	226	< 1	< 0.01	6	50	< 2	4	< 1	11	< 0.01	< 10	< 10	3	< 10	2	< 1	8
7226	205	226	< 1	< 0.01	16	90	< 2	12	1	5	< 0.01	< 10	< 10	1	< 10	< 2	< 1	10
7227	205	226	< 1	< 0.01	7	40	< 2	8	< 1	1	< 0.01	< 10	< 10	1	< 10	< 2	< 1	5

CERTIFICATION:_____

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1 -SEP- 1995

A9527316

Comments: ATTN: M. ROSATELLI

CERTIFICATE A9527316

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 1-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	1	Pulp; prepped on other workorder

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	1	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	500.0

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Project : KAN-431
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Total Pages :1
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P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9527316

SAMPLE	PREP CODE		Au FA g/t
7223	299	--	10.21

CERTIFICATION: Adriana Alexandre

Chemex Labs Ltd.

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Project : KAN-431
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P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9527316

SAMPLE	PREP CODE		Au FA g/t
7223	299	--	10.21

CERTIFICATION: Adriana Alexandru

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P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

A9527364

Comments: ATTN: M.ROSATELLI

CERTIFICATE A9527364

(LZV) - KENNECOTT CANADA, INC.

Project: 04/479
P.O. # : SAGAR 1

Samples submitted to our lab in Mississauga, ON.
This report was printed on 5-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	1	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	1	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	500.0
312	1	Pb %: Reverse Aqua-Regia digest	AAS	0.01	100.0

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

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P.O. BOX 516, CANADA TRUST TOWER
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Project : 04/479
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Page Number : 1
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Invoice No. : I9527364
P.O. Number : SAGAR 1
Account : LZV

CERTIFICATE OF ANALYSIS A9527364

SAMPLE	PREP CODE		Au FA g/t	Pb %							
9581	244	--	203.8	1.66							

CERTIFICATION: Said Kaineff

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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CERTIFICATE OF ANALYSIS A9527364

SAMPLE	PREP CODE		Au FA g/t	Pb %
9581	244	--	203.8	1.66

CERTIFICATION: Said Kaina

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

TO: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
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A9528088

Comments: ATTN: M. ROSATELLI

CERTIFICATE A9528088

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 18-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	2	Pulp; prev. prepared at Chemex

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
312	2	Pb %: Reverse Aqua-Regia digest	AAS	0.01	100.0

Chemex Labs Ltd.

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British Columbia, Canada V7J 2C1
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Project : KAN
Comments: ATTN: M. ROSATELLI

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Account : LZV

CERTIFICATE OF ANALYSIS A9528088

SAMPLE	PREP CODE	Pb %
9581	244 --	1.63
9959	244 --	0.40

CERTIFICATION: Said Tainb

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS A9528088

SAMPLE	PREP CODE	Pb %
9581	244 --	1.63
9959	244 --	0.40

CERTIFICATION: Saint Ceinet

Chemex Labs Ltd.

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TORONTO, ON
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A9529742

Comments: ATN; M. ROSATELLI

CERTIFICATE A9529742

(LZV) - KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 11-OCT-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	47	Geochem ring to approx 150 mesh
226	47	0-3 Kg crush and split
3202	47	Rock - save entire reject
229	47	ICP - AQ Digestion charge
238	47	Nitric-aqua-regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	47	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	47	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	47	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	47	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	47	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	47	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	47	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	47	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	47	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	47	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	47	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	47	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	47	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	47	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	47	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	47	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	47	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	47	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	47	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	47	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	47	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	47	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	47	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	47	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	47	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	47	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	47	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	47	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	47	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	47	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	47	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	47	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	47	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	47	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	47	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

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Account :LZV

CERTIFICATE OF ANALYSIS A9529742

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7228	205	226	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	2.00	< 0.5	1	31	< 1	13.55	< 10	40	0.02	< 10	1.53	3890
7229	205	226	< 5	< 0.2	0.25	< 2	< 10	< 0.5	< 2	5.52	< 0.5	3	17	2	11.20	< 10	20	0.01	< 10	2.96	6860
7230	205	226	< 5	< 0.2	0.17	< 2	< 10	< 0.5	< 2	2.58	< 0.5	3	33	1	12.15	< 10	10	0.04	< 10	1.95	6870
7231	205	226	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	0.29	< 0.5	2	59	1	9.28	< 10	< 10	0.03	< 10	0.47	6850
7232	205	226	< 5	< 0.2	0.06	< 2	< 10	< 0.5	< 2	7.39	< 0.5	1	31	< 1	7.70	< 10	< 10	< 0.01	< 10	3.31	3680
7233	205	226	< 5	< 0.2	0.09	< 2	< 10	< 0.5	2	6.99	< 0.5	1	51	< 1	10.35	< 10	10	< 0.01	< 10	3.72	3790
7234	205	226	< 5	< 0.2	0.54	< 2	< 10	< 0.5	< 2	2.67	< 0.5	1	110	< 1	7.08	< 10	< 10	0.02	< 10	2.00	1700
7235	205	226	5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	8.90	< 0.5	1	37	< 1	8.14	< 10	10	0.02	< 10	4.48	3410
7236	205	226	< 5	< 0.2	0.10	< 2	< 10	< 0.5	2	6.67	< 0.5	1	42	< 1	10.90	< 10	< 10	0.02	< 10	3.30	4210
7237	205	226	< 5	< 0.2	0.07	< 2	< 10	< 0.5	< 2	8.01	< 0.5	< 1	45	< 1	11.40	< 10	10	0.01	< 10	4.07	4330
7238	205	226	< 5	< 0.2	0.17	< 2	< 10	< 0.5	< 2	7.15	< 0.5	2	29	1	8.68	< 10	< 10	< 0.01	< 10	3.39	4630
7239	205	226	< 5	< 0.2	0.14	< 2	< 10	< 0.5	< 2	2.26	< 0.5	3	41	< 1	9.93	< 10	< 10	0.02	< 10	1.68	6130
7240	205	226	< 5	< 0.2	0.28	< 2	< 10	< 0.5	< 2	0.92	< 0.5	4	46	2	12.20	< 10	10	0.01	< 10	1.41	7330
7241	205	226	< 5	< 0.2	0.13	< 2	< 10	< 0.5	2	7.55	< 0.5	1	43	< 1	8.59	< 10	10	0.02	< 10	3.54	3750
7242	205	226	< 5	< 0.2	0.17	< 2	< 10	< 0.5	< 2	8.79	< 0.5	1	20	< 1	9.00	< 10	< 10	0.01	< 10	4.08	5400
7243	205	226	< 5	< 0.2	0.21	< 2	< 10	< 0.5	< 2	3.49	< 0.5	2	81	1	6.33	< 10	10	< 0.01	< 10	1.55	2950
7244	205	226	< 5	< 0.2	0.43	< 2	< 10	< 0.5	< 2	1.75	< 0.5	4	43	4	12.75	< 10	10	0.02	< 10	1.68	9020
7245	205	226	< 5	< 0.2	0.08	< 2	< 10	< 0.5	< 2	9.00	< 0.5	1	28	2	11.10	< 10	< 10	0.01	< 10	4.74	4620
7246	205	226	< 5	< 0.2	0.12	< 2	< 10	< 0.5	2	8.80	< 0.5	< 1	43	< 1	11.15	< 10	10	0.01	< 10	4.34	4440
7247	205	226	< 5	< 0.2	0.07	< 2	< 10	< 0.5	2	7.60	< 0.5	1	120	< 1	6.44	< 10	10	< 0.01	< 10	2.92	2670
7248	205	226	< 5	< 0.2	0.11	< 2	< 10	< 0.5	2	7.77	< 0.5	< 1	46	< 1	9.88	< 10	10	< 0.01	< 10	3.38	2960
7249	205	226	30	< 0.2	0.06	< 2	< 10	< 0.5	2	8.74	< 0.5	1	14	< 1	12.65	< 10	< 10	0.01	< 10	4.21	4790
7250	205	226	< 5	< 0.2	0.22	< 2	< 10	< 0.5	< 2	5.61	< 0.5	2	89	< 1	6.05	< 10	< 10	0.02	< 10	2.73	2130
7251	205	226	< 5	< 0.2	0.15	< 2	< 10	< 0.5	2	9.50	< 0.5	1	59	< 1	7.96	< 10	< 10	0.01	< 10	4.48	2990
7252	205	226	< 5	< 0.2	0.17	< 2	< 10	< 0.5	2	6.76	< 0.5	< 1	103	1	7.06	< 10	10	< 0.01	< 10	3.28	2020
7254	205	226	< 5	< 0.2	0.11	< 2	< 10	< 0.5	< 2	0.26	< 0.5	1	168	71	>15.00	< 10	< 10	< 0.01	< 10	0.13	1375
7255	205	226	< 5	0.2	0.33	4	< 10	< 0.5	< 2	3.31	< 0.5	6	73	8	9.34	< 10	< 10	< 0.01	< 10	2.17	6850
7256	205	226	< 5	< 0.2	0.04	< 2	< 10	< 0.5	2	4.08	< 0.5	1	109	2	8.37	< 10	< 10	< 0.01	< 10	1.79	3280
7257	205	226	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	6.44	< 0.5	2	60	< 1	10.50	< 10	< 10	0.01	< 10	3.55	4490
7258	205	226	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	7.40	< 0.5	1	38	< 1	10.10	< 10	< 10	0.01	< 10	3.69	4800
7259	205	226	< 5	< 0.2	0.14	< 2	< 10	< 0.5	2	8.90	< 0.5	2	48	< 1	7.67	< 10	< 10	0.01	< 10	4.27	4390
7260	205	226	< 5	< 0.2	4.56	< 2	150	< 0.5	< 2	0.86	< 0.5	31	134	36	8.28	< 10	< 10	1.00	< 10	2.95	600
7261	205	226	< 5	< 0.2	1.87	6	10	< 0.5	< 2	0.69	< 0.5	12	202	6	4.13	< 10	< 10	0.08	< 10	1.44	600
7262	205	226	< 5	< 0.2	0.12	< 2	< 10	< 0.5	< 2	5.31	< 0.5	2	76	8	9.47	< 10	10	0.01	< 10	2.45	2710
7263	205	226	< 5	< 0.2	0.03	< 2	< 10	< 0.5	< 2	0.69	< 0.5	1	119	10	10.10	< 10	< 10	< 0.01	< 10	0.49	2670
7264	205	226	500	< 0.2	0.11	< 2	< 10	< 0.5	2	4.77	< 0.5	1	85	7	9.77	< 10	30	< 0.01	< 10	2.19	3370
7265	205	226	< 5	< 0.2	0.09	< 2	< 10	< 0.5	< 2	6.61	< 0.5	1	62	< 1	10.45	< 10	90	< 0.01	< 10	3.08	4450
7266	205	226	< 5	< 0.2	0.11	< 2	< 10	< 0.5	2	6.88	< 0.5	3	31	3	12.05	< 10	10	0.03	< 10	3.67	8170
7267	205	226	< 5	< 0.2	0.04	< 2	< 10	< 0.5	< 2	1.70	< 0.5	1	104	< 1	9.41	< 10	< 10	< 0.01	< 10	1.20	2830
7268	205	226	< 5	< 0.2	0.12	< 2	< 10	< 0.5	< 2	7.80	< 0.5	1	59	< 1	9.58	< 10	< 10	0.02	< 10	3.74	5070

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9529742

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
7228	205	226	< 1	< 0.01	2	240	2	< 2	< 1	12	< 0.01	< 10	< 10	7	< 10	10	< 1	10
7229	205	226	< 1	< 0.01	3	260	< 2	2	< 1	23	< 0.01	< 10	< 10	20	< 10	14	< 1	9
7230	205	226	< 1	< 0.01	3	270	< 2	< 2	< 1	13	0.01	< 10	< 10	14	< 10	8	< 1	9
7231	205	226	< 1	< 0.01	4	140	< 2	< 2	< 1	4	< 0.01	< 10	< 10	13	< 10	6	< 1	8
7232	205	226	< 1	< 0.01	1	170	2	< 2	< 1	51	< 0.01	< 10	< 10	6	< 10	14	< 1	11
7233	205	226	< 1	< 0.01	4	220	4	< 2	< 1	61	< 0.01	< 10	< 10	11	< 10	12	< 1	9
7234	205	226	< 1	< 0.01	2	30	< 2	< 2	< 1	49	< 0.01	< 10	< 10	18	< 10	38	< 1	41
7235	205	226	< 1	< 0.01	1	170	2	< 2	< 1	46	< 0.01	< 10	< 10	6	< 10	14	< 1	10
7236	205	226	< 1	< 0.01	1	180	< 2	< 2	< 1	51	< 0.01	< 10	< 10	10	< 10	10	< 1	8
7237	205	226	< 1	< 0.01	< 1	310	< 2	< 2	< 1	65	< 0.01	< 10	< 10	8	< 10	14	< 1	10
7238	205	226	< 1	< 0.01	2	240	< 2	< 2	< 1	26	< 0.01	< 10	< 10	13	< 10	12	< 1	9
7239	205	226	< 1	< 0.01	3	190	< 2	< 2	< 1	11	< 0.01	< 10	< 10	12	< 10	8	< 1	8
7240	205	226	< 1	< 0.01	4	270	< 2	8	< 1	7	0.01	< 10	< 10	24	< 10	6	< 1	9
7241	205	226	< 1	< 0.01	2	190	< 2	< 2	< 1	26	< 0.01	< 10	< 10	11	< 10	8	< 1	6
7242	205	226	< 1	< 0.01	2	180	< 2	< 2	< 1	39	< 0.01	< 10	< 10	14	< 10	12	< 1	8
7243	205	226	< 1	< 0.01	7	190	< 2	< 2	< 1	16	< 0.01	< 10	< 10	18	< 10	8	< 1	8
7244	205	226	< 1	< 0.01	6	310	< 2	< 2	1	13	0.01	< 10	< 10	37	< 10	12	< 1	14
7245	205	226	< 1	< 0.01	1	160	2	< 2	< 1	54	< 0.01	< 10	< 10	12	< 10	12	< 1	7
7246	205	226	< 1	< 0.01	1	140	4	< 2	< 1	108	< 0.01	< 10	< 10	14	< 10	22	< 1	17
7247	205	226	< 1	< 0.01	2	170	< 2	< 2	< 1	99	< 0.01	< 10	< 10	4	< 10	20	< 1	16
7248	205	226	< 1	< 0.01	< 1	560	< 2	< 2	< 1	89	< 0.01	< 10	< 10	11	< 10	18	< 1	14
7249	205	226	< 1	< 0.01	1	200	2	< 2	< 1	110	< 0.01	< 10	< 10	7	< 10	28	< 1	24
7250	205	226	< 1	< 0.01	2	170	< 2	< 2	< 1	67	< 0.01	< 10	< 10	12	< 10	14	< 1	11
7251	205	226	< 1	< 0.01	< 1	250	2	< 2	< 1	90	< 0.01	< 10	< 10	9	< 10	20	< 1	16
7252	205	226	< 1	< 0.01	1	250	< 2	< 2	< 1	31	< 0.01	< 10	< 10	11	< 10	12	8	8
7254	205	226	1	< 0.01	6	370	< 2	< 2	< 1	2	< 0.01	< 10	10	11	< 10	4	< 1	7
7255	205	226	< 1	< 0.01	6	270	< 2	< 2	< 1	16	< 0.01	< 10	< 10	26	< 10	14	< 1	12
7256	205	226	< 1	< 0.01	2	130	< 2	< 2	< 1	29	< 0.01	< 10	< 10	4	< 10	10	< 1	9
7257	205	226	< 1	< 0.01	2	230	< 2	< 2	< 1	34	< 0.01	< 10	< 10	8	< 10	12	< 1	8
7258	205	226	< 1	< 0.01	2	280	< 2	< 2	< 1	39	< 0.01	< 10	< 10	7	< 10	16	< 1	12
7259	205	226	< 1	< 0.01	2	160	2	< 2	< 1	46	< 0.01	< 10	< 10	9	< 10	12	< 1	7
7260	205	226	< 1	< 0.01	100	380	< 2	< 2	13	11	0.13	< 10	< 10	192	< 10	96	< 1	100
7261	205	226	< 1	< 0.01	33	410	< 2	< 2	7	9	0.02	< 10	< 10	90	< 10	46	< 1	43
7262	205	226	< 1	< 0.01	12	100	4	< 2	< 1	38	< 0.01	< 10	< 10	10	< 10	32	< 1	29
7263	205	226	< 1	< 0.01	14	190	< 2	< 2	< 1	7	< 0.01	< 10	< 10	3	< 10	6	< 1	9
7264	205	226	< 1	< 0.01	7	210	< 2	< 2	< 1	63	< 0.01	< 10	< 10	8	< 10	24	< 1	22
7265	205	226	< 1	< 0.01	3	290	2	< 2	< 1	58	< 0.01	< 10	< 10	8	< 10	16	< 1	12
7266	205	226	< 1	< 0.01	9	320	4	< 2	< 1	35	< 0.01	< 10	< 10	10	< 10	16	< 1	10
7267	205	226	< 1	< 0.01	2	80	< 2	< 2	< 1	13	< 0.01	< 10	< 10	4	< 10	6	< 1	6
7268	205	226	< 1	< 0.01	2	170	2	< 2	< 1	110	< 0.01	< 10	< 10	11	< 10	14	< 1	10

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project :
Comments: ATN; M. ROSATELLI

Page Number :2-A
Total Pages :2
Certificate Date: 11-OCT-95
Invoice No. :I9529742
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9529742

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7269	205	226	< 5	0.2	0.16	< 2	< 10	< 0.5	< 2	1.33	< 0.5	2	53	1	10.15	< 10	30	0.01	< 10	1.10	7550
7270	205	226	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	5.12	< 0.5	2	78	1	7.12	< 10	10	< 0.01	< 10	2.49	5130
7271	205	226	< 5	< 0.2	0.11	< 2	< 10	< 0.5	< 2	7.31	< 0.5	< 1	43	< 1	8.79	< 10	20	0.01	< 10	3.50	3760
7272	205	226	< 5	< 0.2	0.30	< 2	< 10	< 0.5	< 2	6.39	< 0.5	3	53	6	8.91	< 10	10	0.02	< 10	3.10	5980
7274	205	226	< 5	< 0.2	0.05	< 2	< 10	< 0.5	< 2	0.31	< 0.5	2	109	1	8.66	< 10	20	0.01	< 10	0.22	4600
7275	205	226	< 5	< 0.2	0.07	< 2	< 10	< 0.5	< 2	6.24	< 0.5	< 1	55	< 1	7.06	< 10	20	0.01	< 10	2.72	3200
7276	205	226	< 5	< 0.2	0.02	< 2	< 10	< 0.5	< 2	3.09	< 0.5	1	138	1	5.86	< 10	10	< 0.01	< 10	1.53	3420

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
7269	205	226	< 1	< 0.01	3	190	< 2	< 2	< 1	9	< 0.01	< 10	< 10	16	< 10	8	< 1	9
7270	205	226	< 1	< 0.01	4	160	2	< 2	< 1	55	< 0.01	< 10	< 10	9	< 10	12	< 1	10
7271	205	226	< 1	< 0.01	2	180	< 2	< 2	< 1	66	< 0.01	< 10	< 10	11	< 10	12	< 1	9
7272	205	226	< 1	< 0.01	4	370	2	< 2	< 1	52	< 0.01	< 10	< 10	16	< 10	16	< 1	12
7274	205	226	< 1	< 0.01	3	180	< 2	< 2	< 1	10	< 0.01	< 10	< 10	4	< 10	6	< 1	9
7275	205	226	< 1	< 0.01	2	140	2	< 2	< 1	30	< 0.01	< 10	< 10	4	< 10	14	< 1	12
7276	205	226	< 1	< 0.01	3	140	< 2	< 2	< 1	19	< 0.01	< 10	< 10	2	< 10	14	< 1	12

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
7228	205	226	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	2.00	< 0.5	1	31	< 1	13.55	< 10	40	0.02	< 10	1.53	3890
7229	205	226	< 5	< 0.2	0.25	< 2	< 10	< 0.5	< 2	5.52	< 0.5	3	17	2	11.20	< 10	20	0.01	< 10	2.96	6860
7230	205	226	< 5	< 0.2	0.17	< 2	< 10	< 0.5	< 2	2.58	< 0.5	3	33	1	12.15	< 10	10	0.04	< 10	1.95	6870
7231	205	226	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	0.29	< 0.5	2	59	1	9.28	< 10	< 10	0.03	< 10	0.47	6850
7232	205	226	< 5	< 0.2	0.06	< 2	< 10	< 0.5	< 2	7.39	< 0.5	1	31	< 1	7.70	< 10	< 10	< 0.01	< 10	3.31	3680
7233	205	226	< 5	< 0.2	0.09	< 2	< 10	< 0.5	2	6.99	< 0.5	1	51	< 1	10.35	< 10	10	< 0.01	< 10	3.72	3790
7234	205	226	< 5	< 0.2	0.54	< 2	< 10	< 0.5	< 2	2.67	< 0.5	1	110	< 1	7.08	< 10	< 10	0.02	< 10	2.00	1700
7235	205	226	5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	8.90	< 0.5	1	37	< 1	8.14	< 10	10	0.02	< 10	4.48	3410
7236	205	226	< 5	< 0.2	0.10	< 2	< 10	< 0.5	2	6.67	< 0.5	1	42	< 1	10.90	< 10	< 10	0.02	< 10	3.30	4210
7237	205	226	< 5	< 0.2	0.07	< 2	< 10	< 0.5	< 2	8.01	< 0.5	< 1	45	< 1	11.40	< 10	10	0.01	< 10	4.07	4330
7238	205	226	< 5	< 0.2	0.17	< 2	< 10	< 0.5	< 2	7.15	< 0.5	2	29	1	8.68	< 10	< 10	< 0.01	< 10	3.39	4630
7239	205	226	< 5	< 0.2	0.14	< 2	< 10	< 0.5	< 2	2.26	< 0.5	3	41	< 1	9.93	< 10	< 10	0.02	< 10	1.68	6130
7240	205	226	< 5	< 0.2	0.28	< 2	< 10	< 0.5	< 2	0.92	< 0.5	4	46	2	12.20	< 10	10	0.01	< 10	1.41	7330
7241	205	226	< 5	< 0.2	0.13	< 2	< 10	< 0.5	2	7.55	< 0.5	1	43	< 1	8.59	< 10	10	0.02	< 10	3.54	3750
7242	205	226	< 5	< 0.2	0.17	< 2	< 10	< 0.5	< 2	8.79	< 0.5	1	20	< 1	9.00	< 10	< 10	0.01	< 10	4.08	5400
7243	205	226	< 5	< 0.2	0.21	< 2	< 10	< 0.5	< 2	3.49	< 0.5	2	81	1	6.33	< 10	10	< 0.01	< 10	1.55	2950
7244	205	226	< 5	< 0.2	0.43	< 2	< 10	< 0.5	< 2	1.75	< 0.5	4	43	4	12.75	< 10	10	0.02	< 10	1.68	9020
7245	205	226	< 5	< 0.2	0.08	< 2	< 10	< 0.5	< 2	9.00	< 0.5	1	28	2	11.10	< 10	< 10	0.01	< 10	4.74	4620
7246	205	226	< 5	< 0.2	0.12	< 2	< 10	< 0.5	2	8.80	< 0.5	< 1	43	< 1	11.15	< 10	10	0.01	< 10	4.34	4440
7247	205	226	< 5	< 0.2	0.07	< 2	< 10	< 0.5	2	7.60	< 0.5	1	120	< 1	6.44	< 10	10	< 0.01	< 10	2.92	2670
7248	205	226	< 5	< 0.2	0.11	< 2	< 10	< 0.5	2	7.77	< 0.5	< 1	46	< 1	9.88	< 10	10	< 0.01	< 10	3.38	2960
7249	205	226	30	< 0.2	0.06	< 2	< 10	< 0.5	2	8.74	< 0.5	1	14	< 1	12.65	< 10	< 10	0.01	< 10	4.21	4790
7250	205	226	< 5	< 0.2	0.22	< 2	< 10	< 0.5	< 2	5.61	< 0.5	2	89	< 1	6.05	< 10	< 10	0.02	< 10	2.73	2130
7251	205	226	< 5	< 0.2	0.15	< 2	< 10	< 0.5	2	9.50	< 0.5	1	59	< 1	7.96	< 10	< 10	0.01	< 10	4.48	2990
7252	205	226	< 5	< 0.2	0.17	< 2	< 10	< 0.5	2	6.76	< 0.5	< 1	103	1	7.06	< 10	10	< 0.01	< 10	3.28	2020
7254	205	226	< 5	< 0.2	0.11	< 2	< 10	< 0.5	< 2	0.26	< 0.5	1	168	71	>15.00	< 10	< 10	< 0.01	< 10	0.13	1375
7255	205	226	< 5	0.2	0.33	4	< 10	< 0.5	< 2	3.31	< 0.5	6	73	8	9.34	< 10	< 10	< 0.01	< 10	2.17	6850
7256	205	226	< 5	< 0.2	0.04	< 2	< 10	< 0.5	2	4.08	< 0.5	1	109	2	8.37	< 10	< 10	< 0.01	< 10	1.79	3280
7257	205	226	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	6.44	< 0.5	2	60	< 1	10.50	< 10	< 10	0.01	< 10	3.55	4490
7258	205	226	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	7.40	< 0.5	1	38	< 1	10.10	< 10	< 10	0.01	< 10	3.69	4800
7259	205	226	< 5	< 0.2	0.14	< 2	< 10	< 0.5	2	8.90	< 0.5	2	48	< 1	7.67	< 10	< 10	0.01	< 10	4.27	4390
7260	205	226	< 5	< 0.2	4.56	< 2	150	< 0.5	< 2	0.86	< 0.5	31	134	36	8.28	< 10	< 10	1.00	< 10	2.95	600
7261	205	226	< 5	< 0.2	1.87	6	10	< 0.5	< 2	0.69	< 0.5	12	202	6	4.13	< 10	< 10	0.08	< 10	1.44	600
7262	205	226	< 5	< 0.2	0.12	< 2	< 10	< 0.5	< 2	5.31	< 0.5	2	76	8	9.47	< 10	10	0.01	< 10	2.45	2710
7263	205	226	< 5	< 0.2	0.03	< 2	< 10	< 0.5	< 2	0.69	< 0.5	1	119	10	10.10	< 10	< 10	< 0.01	< 10	0.49	2670
7264	205	226	500	< 0.2	0.11	< 2	< 10	< 0.5	2	4.77	< 0.5	1	85	7	9.77	< 10	30	< 0.01	< 10	2.19	3370
7265	205	226	< 5	< 0.2	0.09	< 2	< 10	< 0.5	< 2	6.61	< 0.5	1	62	< 1	10.45	< 10	90	< 0.01	< 10	3.08	4450
7266	205	226	< 5	< 0.2	0.11	< 2	< 10	< 0.5	2	6.88	< 0.5	3	31	3	12.05	< 10	10	0.03	< 10	3.67	8170
7267	205	226	< 5	< 0.2	0.04	< 2	< 10	< 0.5	< 2	1.70	< 0.5	1	104	< 1	9.41	< 10	< 10	< 0.01	< 10	1.20	2830
7268	205	226	< 5	< 0.2	0.12	< 2	< 10	< 0.5	< 2	7.80	< 0.5	1	59	< 1	9.58	< 10	< 10	0.02	< 10	3.74	5070

CERTIFICATION:_____

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
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Project :
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CERTIFICATE OF ANALYSIS A9529742

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
7228	205	226	< 1	< 0.01	2	240	2	< 2	< 1	12	< 0.01	< 10	< 10	7	< 10	10	< 1	10
7229	205	226	< 1	< 0.01	3	260	< 2	2	< 1	23	< 0.01	< 10	< 10	20	< 10	14	< 1	9
7230	205	226	< 1	< 0.01	3	270	< 2	< 2	< 1	13	0.01	< 10	< 10	14	< 10	8	< 1	9
7231	205	226	< 1	< 0.01	4	140	< 2	< 2	< 1	4	< 0.01	< 10	< 10	13	< 10	6	< 1	8
7232	205	226	< 1	< 0.01	1	170	2	< 2	< 1	51	< 0.01	< 10	< 10	6	< 10	14	< 1	11
7233	205	226	< 1	< 0.01	4	220	4	< 2	< 1	61	< 0.01	< 10	< 10	11	< 10	12	< 1	9
7234	205	226	< 1	< 0.01	2	30	< 2	< 2	< 1	49	< 0.01	< 10	< 10	18	< 10	38	< 1	41
7235	205	226	< 1	< 0.01	1	170	2	< 2	< 1	46	< 0.01	< 10	< 10	6	< 10	14	< 1	10
7236	205	226	< 1	< 0.01	1	180	< 2	< 2	< 1	51	< 0.01	< 10	< 10	10	< 10	10	< 1	8
7237	205	226	< 1	< 0.01	< 1	310	< 2	< 2	< 1	65	< 0.01	< 10	< 10	8	< 10	14	< 1	10
7238	205	226	< 1	< 0.01	2	240	< 2	< 2	< 1	26	< 0.01	< 10	< 10	13	< 10	12	< 1	9
7239	205	226	< 1	< 0.01	3	190	< 2	< 2	< 1	11	< 0.01	< 10	< 10	12	< 10	8	< 1	8
7240	205	226	< 1	< 0.01	4	270	< 2	8	< 1	7	0.01	< 10	< 10	24	< 10	6	< 1	9
7241	205	226	< 1	< 0.01	2	190	< 2	< 2	< 1	26	< 0.01	< 10	< 10	11	< 10	8	< 1	6
7242	205	226	< 1	< 0.01	2	180	< 2	< 2	< 1	39	< 0.01	< 10	< 10	14	< 10	12	< 1	8
7243	205	226	< 1	< 0.01	7	190	< 2	< 2	< 1	16	< 0.01	< 10	< 10	18	< 10	8	< 1	8
7244	205	226	< 1	< 0.01	6	310	< 2	< 2	1	13	0.01	< 10	< 10	37	< 10	12	< 1	14
7245	205	226	< 1	< 0.01	1	160	2	< 2	< 1	54	< 0.01	< 10	< 10	12	< 10	12	< 1	7
7246	205	226	< 1	< 0.01	1	140	4	< 2	< 1	108	< 0.01	< 10	< 10	14	< 10	22	< 1	17
7247	205	226	< 1	< 0.01	2	170	< 2	< 2	< 1	99	< 0.01	< 10	< 10	4	< 10	20	< 1	16
7248	205	226	< 1	< 0.01	< 1	560	< 2	< 2	< 1	89	< 0.01	< 10	< 10	11	< 10	18	< 1	14
7249	205	226	< 1	< 0.01	1	200	2	< 2	< 1	110	< 0.01	< 10	< 10	7	< 10	28	< 1	24
7250	205	226	< 1	< 0.01	2	170	< 2	< 2	< 1	67	< 0.01	< 10	< 10	12	< 10	14	< 1	11
7251	205	226	< 1	< 0.01	< 1	250	2	< 2	< 1	90	< 0.01	< 10	< 10	9	< 10	20	< 1	16
7252	205	226	< 1	< 0.01	1	250	< 2	< 2	< 1	31	< 0.01	< 10	< 10	11	< 10	12	8	8
7254	205	226	1	< 0.01	6	370	< 2	< 2	< 1	2	< 0.01	< 10	10	11	< 10	4	< 1	7
7255	205	226	< 1	< 0.01	6	270	< 2	< 2	< 1	16	< 0.01	< 10	< 10	26	< 10	14	< 1	12
7256	205	226	< 1	< 0.01	2	130	< 2	< 2	< 1	29	< 0.01	< 10	< 10	4	< 10	10	< 1	9
7257	205	226	< 1	< 0.01	2	230	< 2	< 2	< 1	34	< 0.01	< 10	< 10	8	< 10	12	< 1	8
7258	205	226	< 1	< 0.01	2	280	< 2	< 2	< 1	39	< 0.01	< 10	< 10	7	< 10	16	< 1	12
7259	205	226	< 1	< 0.01	2	160	2	< 2	< 1	46	< 0.01	< 10	< 10	9	< 10	12	< 1	7
7260	205	226	< 1	< 0.01	100	380	< 2	< 2	13	11	0.13	< 10	< 10	192	< 10	96	< 1	100
7261	205	226	< 1	< 0.01	33	410	< 2	< 2	7	9	0.02	< 10	< 10	90	< 10	46	< 1	43
7262	205	226	< 1	< 0.01	12	100	4	< 2	< 1	38	< 0.01	< 10	< 10	10	< 10	32	< 1	29
7263	205	226	< 1	< 0.01	14	190	< 2	< 2	< 1	7	< 0.01	< 10	< 10	3	< 10	6	< 1	9
7264	205	226	< 1	< 0.01	7	210	< 2	< 2	< 1	63	< 0.01	< 10	< 10	8	< 10	24	< 1	22
7265	205	226	< 1	< 0.01	3	290	2	< 2	< 1	58	< 0.01	< 10	< 10	8	< 10	16	< 1	12
7266	205	226	< 1	< 0.01	9	320	4	< 2	< 1	35	< 0.01	< 10	< 10	10	< 10	16	< 1	10
7267	205	226	< 1	< 0.01	2	80	< 2	< 2	< 1	13	< 0.01	< 10	< 10	4	< 10	6	< 1	6
7268	205	226	< 1	< 0.01	2	170	2	< 2	< 1	110	< 0.01	< 10	< 10	11	< 10	14	< 1	10

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7269	205	226	< 5	0.2	0.16	< 2	< 10	< 0.5	< 2	1.33	< 0.5	2	53	1	10.15	< 10	30	0.01	< 10	1.10	7550
7270	205	226	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	5.12	< 0.5	2	78	1	7.12	< 10	10	< 0.01	< 10	2.49	5130
7271	205	226	< 5	< 0.2	0.11	< 2	< 10	< 0.5	< 2	7.31	< 0.5	< 1	43	< 1	8.79	< 10	20	0.01	< 10	3.50	3760
7272	205	226	< 5	< 0.2	0.30	< 2	< 10	< 0.5	< 2	6.39	< 0.5	3	53	6	8.91	< 10	10	0.02	< 10	3.10	5980
7274	205	226	< 5	< 0.2	0.05	< 2	< 10	< 0.5	< 2	0.31	< 0.5	2	109	1	8.66	< 10	20	0.01	< 10	0.22	4600
7275	205	226	< 5	< 0.2	0.07	< 2	< 10	< 0.5	< 2	6.24	< 0.5	< 1	55	< 1	7.06	< 10	20	0.01	< 10	2.72	3200
7276	205	226	< 5	< 0.2	0.02	< 2	< 10	< 0.5	< 2	3.09	< 0.5	1	138	1	5.86	< 10	10	< 0.01	< 10	1.53	3420

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
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TORONTO, ON
M5J 2S1

Project :
Comments: ATN; M. ROSATELLI

Page Number :2-B
Total Pages :2
Certificate Date: 11-OCT-95
Invoice No. :19529742
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9529742

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
7269	205	226	< 1	< 0.01	3	190	< 2	< 2	< 1	9	< 0.01	< 10	< 10	16	< 10	8	< 1	9
7270	205	226	< 1	< 0.01	4	160	2	< 2	< 1	55	< 0.01	< 10	< 10	9	< 10	12	< 1	10
7271	205	226	< 1	< 0.01	2	180	< 2	< 2	< 1	66	< 0.01	< 10	< 10	11	< 10	12	< 1	9
7272	205	226	< 1	< 0.01	4	370	2	< 2	< 1	52	< 0.01	< 10	< 10	16	< 10	16	< 1	12
7274	205	226	< 1	< 0.01	3	180	< 2	< 2	< 1	10	< 0.01	< 10	< 10	4	< 10	6	< 1	9
7275	205	226	< 1	< 0.01	2	140	2	< 2	< 1	30	< 0.01	< 10	< 10	4	< 10	14	< 1	12
7276	205	226	< 1	< 0.01	3	140	< 2	< 2	< 1	19	< 0.01	< 10	< 10	2	< 10	14	< 1	12

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5J 2S1

A9533937

Comments: ATTN: MIKE ROSATELLI

CERTIFICATE A9533937

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-731
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 26-NOV-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	73	Pulp; prev. prepared at Chemex
238	73	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	69	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	69	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
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TORONTO, ON
M5J 2S1

Project : KAN-731
Comments: ATTN: MIKE ROSATELLI

Page Number :1
Total Pages :2
Certificate Date: 26-NOV-95
Invoice No. :I9533937
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9533937

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
6600	244	238	20	154								
6601	244	238	5	135								
6602	244	238	7	143								
6603	244	238	4	146								
6604	244	238	6	245								
6605	244	238	5	225								
6606	244	238	20	700								
6607	244	238	not/ss	not/ss								
6608	244	238	6	173								
6609	244	238	not/ss	not/ss								
6610	244	238	8	182								
6611	244	238	6	225								
6612	244	238	17	660								
6613	244	238	35	590								
6614	244	238	4	109								
6615	244	238	6	133								
6616	244	238	3	158								
6617	244	238	6	137								
6618	244	238	6	73								
6619	244	238	17	99								
6620	244	238	5	96								
6621	244	238	2	162								
6622	244	238	4	83								
6623	244	238	3	210								
6624	244	238	26	235								
6625	244	238	4	235								
6626	244	238	1	173								
6627	244	238	< 1	270								
6628	244	238	< 1	210								
6629	244	238	4	100								
6630	244	238	5	50								
6631	244	238	3	120								
6632	244	238	12	153								
6633	244	238	1	200								
6634	244	238	< 1	200								
6635	244	238	< 1	74								
6636	244	238	5	260								
6637	244	238	2	158								
6638	244	238	9	325								
6639	244	238	5	96								

CERTIFICATION: _____

Chemex Labs Ltd.

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TORONTO, ON
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Project : KAN-731
Comments: ATTN: MIKE ROSATELLI

Certificate Date: 26-NOV-95
Invoice No. : I9533937
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9533937

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
6640	244	238	< 1	68								
6641	244	238	3	123								
6642	244	238	10	139								
6644	244	238	25	560								
6645	244	238	32	345								
6646	244	238	2	580								
6647	244	238	9	325								
6648	244	238	15	850								
6649	244	238	4	149								
6650	244	238	12	475								
6651	244	238	< 1	183								
6652	244	238	< 1	61								
6653	244	238	30	265								
6654	244	238	6	610								
6655	244	238	13	167								
6656	244	238	4	980								
6657	244	238	1	173								
6658	244	238	< 1	89								
6659	244	238	20	265								
6660	244	238	not/ss	not/ss								
6661	244	238	not/ss	not/ss								
6662	244	238	8	530								
6663	244	238	7	800								
6664	244	238	9	480								
6665	244	238	4	153								
6666	244	238	31	475								
6667	244	238	32	1200								
6668	244	238	27	850								
6669	244	238	22	900								
6670	244	238	9	375								
6671	244	238	33	670								
6672	244	238	1	255								
6674	244	238	23	570								

CERTIFICATION: Stewart Bielle

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN-731
Comments: ATTN: MIKE ROSATELLI

Page Number :1
Total Pages :2
Certificate Date: 26-NOV-95
Invoice No. : I9533937
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9533937

SAMPLE	PREP CODE		Pb ppm	Zn ppm
6600	244	238	20	154
6601	244	238	5	135
6602	244	238	7	143
6603	244	238	4	146
6604	244	238	6	245
6605	244	238	5	225
6606	244	238	20	700
6607	244	238	not/ss	not/ss
6608	244	238	6	173
6609	244	238	not/ss	not/ss
6610	244	238	8	182
6611	244	238	6	225
6612	244	238	17	660
6613	244	238	35	590
6614	244	238	4	109
6615	244	238	6	133
6616	244	238	3	158
6617	244	238	6	137
6618	244	238	6	73
6619	244	238	17	99
6620	244	238	5	96
6621	244	238	2	162
6622	244	238	4	83
6623	244	238	3	210
6624	244	238	26	235
6625	244	238	4	235
6626	244	238	1	173
6627	244	238	< 1	270
6628	244	238	< 1	210
6629	244	238	4	100
6630	244	238	5	50
6631	244	238	3	120
6632	244	238	12	153
6633	244	238	1	200
6634	244	238	< 1	200
6635	244	238	< 1	74
6636	244	238	5	260
6637	244	238	2	158
6638	244	238	9	325
6639	244	238	5	96

CERTIFICATION: Stuart Bridle

Chemex Labs Ltd.

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TORONTO, ON
M5J 2S1

Project : KAN-731
Comments: ATTN: MIKE ROSATELLI

Page Number :2
Total Pages :2
Certificate Date: 26-NOV-95
Invoice No. :I9533937
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9533937

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
6640	244	238	< 1	68								
6641	244	238	3	123								
6642	244	238	10	139								
6644	244	238	25	560								
6645	244	238	32	345								
6646	244	238	2	580								
6647	244	238	9	325								
6648	244	238	15	850								
6649	244	238	4	149								
6650	244	238	12	475								
6651	244	238	< 1	183								
6652	244	238	< 1	61								
6653	244	238	30	265								
6654	244	238	6	610								
6655	244	238	13	167								
6656	244	238	4	980								
6657	244	238	1	173								
6658	244	238	< 1	89								
6659	244	238	20	265								
6660	244	238	not/ss	not/ss								
6661	244	238	not/ss	not/ss								
6662	244	238	8	530								
6663	244	238	7	800								
6664	244	238	9	480								
6665	244	238	4	153								
6666	244	238	31	475								
6667	244	238	32	1200								
6668	244	238	27	850								
6669	244	238	22	900								
6670	244	238	9	375								
6671	244	238	33	670								
6672	244	238	1	255								
6674	244	238	23	570								

CERTIFICATION: Ian Bickle

1995 – Soils: Kennecott

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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

A9520188

Comments: ATTN: M. ROSATELLI

CERTIFICATE A9520188

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 5-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
3296	160	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	160	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1941	160	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	160	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	160	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	160	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	160	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	160	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	160	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	160	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	160	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	160	Zn ppm: Ultra trace package	EXT-ICP	1	5000

12 -07- 1995

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TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Page Number : 1
Total Pages : 4
Certificate Date: 05-JUL-95
Invoice No. : I9520188
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9520188

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
5891	203296	< 5	0.04	3.8	0.2	0.1	21.4	30	0.4	8.0	< 0.2	117
5892	203296	< 5	0.02	1.8	< 0.2	0.1	19.8	20	0.4	5.0	< 0.2	76
5895	203296	< 5	0.04	2.6	0.4	0.1	26.2	20	0.4	7.0	< 0.2	162
5896	203296	< 5	0.02	3.0	< 0.2	0.1	22.2	30	0.4	6.0	< 0.2	111
8000	203296	10	0.52	37.6	0.4	0.1	37.0	20	5.2	27.0	0.4	78
8001	203296	< 5	0.04	3.2	< 0.2	0.1	20.8	20	0.6	8.0	< 0.2	52
8002	203296	< 5	< 0.02	2.4	< 0.2	< 0.1	13.4	20	0.2	6.5	< 0.2	39
8003	203296	< 5	< 0.02	1.8	< 0.2	< 0.1	15.2	20	0.2	6.5	< 0.2	41
8004	203296	< 5	0.02	2.0	< 0.2	< 0.1	15.8	10	0.4	7.5	< 0.2	47
8005	203296	< 5	0.02	2.2	< 0.2	< 0.1	15.6	10	0.2	6.5	< 0.2	46
8006	203296	< 5	0.16	1.8	< 0.2	< 0.1	19.8	70	0.6	9.0	< 0.2	67
8007	203296	< 5	0.18	2.4	0.4	0.2	21.4	90	0.6	10.0	< 0.2	77
8008	203296	< 5	0.08	2.0	0.2	0.2	22.6	40	0.4	7.5	< 0.2	171
8009	203296	< 5	1.16	2.0	0.6	0.8	58.4	70	1.4	15.0	< 0.2	115
8010	203296	< 5	0.18	3.4	0.4	0.1	30.4	40	0.8	7.5	< 0.2	149
8011	203296	< 5	0.84	8.2	0.4	1.0	61.2	80	5.8	14.0	< 0.2	216
8012	203296	160	1.06	9.0	0.6	0.5	68.6	140	3.2	7.5	< 0.2	193
8013	203296	< 5	0.46	113.0	1.6	0.1	31.0	30	0.6	4.0	0.2	31
8014	203296	1180	0.22	14.2	2.2	0.1	81.6	20	0.2	5.0	< 0.2	29
8015	203296	150	0.42	26.4	1.2	< 0.1	28.6	10	< 0.2	3.0	< 0.2	29
8016	203296	< 5	0.36	0.4	0.4	1.6	12.8	170	< 0.2	3.0	< 0.2	10
8017	203296	1460	0.24	10.6	2.6	0.1	17.2	50	< 0.2	6.0	< 0.2	18
8018	203296	5	0.52	7.6	3.0	1.3	18.2	20	0.6	4.5	< 0.2	63
8019	203296	70	0.48	64.6	2.4	0.3	36.4	10	12.8	15.0	1.2	105
8020	203296	10	0.08	5.2	2.6	0.5	12.4	30	0.6	5.0	< 0.2	17
8021	203296	80	2.32	360	3.6	< 0.1	94.2	60	28.0	28.0	10.8	82
8022	203296	20	0.12	9.8	1.2	0.2	4.4	20	0.4	1.0	< 0.2	32
8023	203296	5	0.86	12.6	2.8	< 0.1	89.4	20	< 0.2	9.0	< 0.2	49
8024	203296	< 5	0.04	37.4	1.6	< 0.1	13.8	30	0.2	4.5	< 0.2	17
8025	203296	335	1.16	144.5	1.4	0.5	50.0	40	1.6	10.0	1.2	29
8026	203296	< 5	0.22	4.2	2.2	0.1	14.4	20	0.4	5.0	< 0.2	27
8027	203296	70	4.34	86.0	1.6	0.2	24.0	40	39.2	57.0	31.6	56
8028	203296	< 5	0.04	2.8	1.8	< 0.1	4.0	40	0.6	3.5	< 0.2	13
8029	203296	360	0.26	15.8	1.2	0.2	16.6	40	9.8	17.0	1.2	60
8030	203296	15	0.02	5.2	1.2	0.1	20.4	30	< 0.2	3.5	< 0.2	15
8031	203296	20	0.36	18.2	1.2	0.3	31.6	40	4.0	9.5	0.4	48
8032	203296	10	0.30	2.0	0.4	0.1	24.8	170	0.4	12.5	< 0.2	23
8033	203296	< 5	0.08	2.4	0.4	< 0.1	15.2	30	0.4	8.5	< 0.2	42
8034	203296	< 5	0.06	1.6	< 0.2	< 0.1	17.4	20	0.4	7.5	< 0.2	47
8035	203296	5	0.08	2.8	< 0.2	0.1	16.6	20	0.4	7.0	< 0.2	49

CERTIFICATION: Ian Bucklen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: KENNECOTT CANADA, INC.
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TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Certificate Date: 05-JUL-95
Invoice No. : I9520188
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9520188

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm			
8036	203296	< 5	0.40	2.8	0.2	0.1	25.8	50	0.6	9.0	< 0.2	55			
8037	203296	10	0.06	18.6	0.8	0.1	56.8	20	6.8	9.0	0.4	134			
8038	203296	10	1.06	0.6	0.2	1.0	39.2	100	< 0.2	12.5	< 0.2	26			
8039	203296	40	0.40	21.0	1.4	0.4	16.4	40	0.4	2.0	< 0.2	20			
8040	203296	20	0.32	4.0	2.8	0.1	48.6	40	26.6	31.5	13.0	14			
8041	203296	< 5	0.50	12.6	3.2	1.6	80.0	40	1.2	28.5	< 0.2	311			
8042	203296	15	2.98	1.6	0.2	1.2	50.4	130	0.4	6.0	0.4	30			
8043	203296	< 5	3.22	2.0	< 0.2	2.8	52.0	250	0.8	3.5	0.4	71			
8044	203296	10	0.34	16.2	< 0.2	0.2	5.4	10	2.4	5.0	< 0.2	19			
8045	203296	10	2.40	61.8	1.8	3.4	84.6	60	64.0	35.5	5.8	131			
8046	203296	< 5	0.72	12.6	3.2	5.0	89.2	90	2.6	25.0	1.0	65			
8047	203296	< 5	8.74	82.6	1.8	1.5	111.5	350	13.4	34.0	2.8	52			
8048	203296	10	1.78	106.0	2.0	0.1	60.2	40	41.6	33.0	7.0	93			
8049	203296	< 5	0.68	9.0	0.2	0.1	12.2	30	2.6	10.0	< 0.2	46			
8050	203296	< 5	0.12	1.4	< 0.2	0.4	21.2	10	0.6	10.5	< 0.2	16			
8051	203296	< 5	0.32	4.4	0.2	0.2	37.0	30	1.2	8.5	< 0.2	40			
8052	203296	< 5	0.98	42.0	0.8	2.6	60.2	150	23.8	44.5	5.4	78			
8053	203296	< 5	0.28	2.2	< 0.2	0.6	17.4	100	0.6	2.0	0.4	11			
8054	203296	< 5	0.78	0.6	< 0.2	1.5	26.8	70	0.2	3.5	< 0.2	11			
8055	203296	< 5	0.76	13.2	0.6	0.4	46.4	30	6.8	18.5	1.0	46			
8056	203296	< 5	1.00	10.6	0.6	0.1	31.6	40	7.6	15.5	0.6	51			
8057	203296	< 5	0.82	9.0	1.6	0.3	16.4	60	0.4	3.0	< 0.2	21			
8058	203296	< 5	1.84	60.4	2.6	0.2	65.6	110	53.2	16.0	3.8	163			
8059	203296	< 5	1.10	34.0	2.2	0.5	81.8	10	17.6	23.0	1.2	98			
8060	203296	< 5	0.16	8.0	0.4	0.2	17.2	10	0.6	9.0	< 0.2	37			
8061	203296	225	0.04	17.6	2.8	< 0.1	19.8	30	0.4	5.5	< 0.2	22			
8062	203296	< 5	0.70	3.4	2.4	0.1	30.8	20	0.8	3.0	< 0.2	55			
8063	203296	< 5	0.10	4.0	0.6	0.3	37.8	30	0.6	8.5	< 0.2	133			
8064	203296	< 5	0.20	2.2	0.8	0.5	19.4	10	1.2	4.5	< 0.2	195			
8065	203296	65	1.54	52.2	2.2	1.3	94.6	20	0.8	10.0	< 0.2	38			
8066	203296	80	4.60	13.8	2.0	0.8	110.0	160	3.0	82.0	0.6	8			
8067	203296	125	0.66	16.4	2.8	0.8	87.0	30	3.8	22.0	0.6	108			
8068	203296	< 5	0.28	2.0	0.4	0.1	29.0	10	0.4	8.5	< 0.2	17			
8069	203296	580	0.14	3.0	1.2	< 0.1	25.4	30	0.2	3.0	< 0.2	21			
8070	203296	40	0.96	56.0	1.8	< 0.1	31.8	220	13.0	121.5	13.0	44			
8071	203296	50	0.08	7.6	1.2	< 0.1	5.6	10	1.2	6.0	0.4	15			
8072	203296	< 5	0.64	1.6	0.4	0.1	14.0	110	0.4	3.5	0.2	6			
8073	203296	< 5	0.34	159.5	1.4	0.1	48.6	10	7.2	7.5	6.2	33			
8074	203296	20	0.20	56.6	0.6	0.2	8.0	120	22.2	19.5	15.2	18			
8075	203296	< 5	0.18	3.8	0.4	0.1	16.2	10	0.8	6.5	< 0.2	41			

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Certificate Date: 05-JUL-95
Invoice No. :I9520188
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9520188

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8076	2013296	< 5	0.06	8.2	1.8	< 0.1	46.6	< 10	3.8	5.0	0.6	26
8077	2013296	< 5	0.46	9.0	0.6	< 0.1	21.8	20	2.4	12.5	0.2	49
8078	2013296	< 5	0.28	11.2	0.8	< 0.1	48.4	20	4.6	16.0	1.0	59
8079	2013296	5	0.40	20.8	1.2	0.1	77.8	20	5.4	24.5	1.6	73
8080	2013296	< 5	0.82	39.8	0.8	0.2	78.0	60	7.4	17.0	1.4	123
8081	2013296	< 5	0.26	237	2.0	< 0.1	57.8	70	26.8	23.0	13.0	80
8082	2013296	< 5	0.36	40.2	1.2	0.1	58.8	70	9.6	20.5	2.6	98
8083	2013296	< 5	0.60	20.2	1.0	0.1	40.6	30	5.0	13.5	0.6	44
8084	2013296	< 5	1.18	7.0	1.4	0.2	28.8	140	1.8	10.5	1.6	17
8085	2013296	180	0.66	23.0	1.2	0.9	111.0	60	4.2	13.0	< 0.2	67
8086	2013296	65	0.14	8.0	0.8	0.1	10.4	10	1.6	7.5	< 0.2	16
8087	2013296	540	0.26	5.2	1.2	0.1	20.4	10	0.8	10.0	< 0.2	44
8088	2013296	50	0.04	7.8	0.6	0.1	10.6	10	2.2	13.0	< 0.2	45
8089	2013296	30	0.32	3.8	2.6	0.2	40.0	30	0.8	3.5	< 0.2	14
8090	2013296	20	0.08	7.8	1.4	0.1	52.8	30	1.2	4.5	< 0.2	19
8091	2013296	2910	0.84	9.0	3.8	0.2	80.0	80	0.2	32.0	0.2	6
8092	2013296	15	0.50	574	3.2	1.0	60.8	20	0.6	7.5	0.2	50
8093	2013296	< 5	0.44	47.0	2.4	0.1	58.6	20	2.4	12.0	0.4	46
8094	2013296	245	2.54	12.8	2.6	0.9	36.2	60	1.4	26.5	0.4	34
8095	2013296	40	0.78	11.8	2.2	2.1	119.0	40	1.0	18.0	< 0.2	150
8096	2013296	< 5	0.34	11.2	0.8	0.7	101.0	40	2.2	15.5	< 0.2	278
8097	2013296	< 5	0.02	2.0	0.4	< 0.1	6.4	< 10	0.4	6.5	0.2	30
8098	2013296	< 5	< 0.02	1.2	0.4	< 0.1	3.0	10	0.2	5.5	< 0.2	22
8099	2013296	< 5	0.66	5.4	0.4	2.8	43.4	110	3.6	6.0	< 0.2	103
8100	2013296	< 5	0.02	4.4	2.6	0.2	7.0	50	0.2	5.5	< 0.2	21
8101	2013296	< 5	0.12	16.0	0.8	< 0.1	49.4	40	3.2	16.5	0.2	115
8102	2013296	< 5	0.04	1.4	0.2	0.1	16.4	10	0.4	7.5	< 0.2	47
8103	2013296	< 5	0.04	2.6	0.2	< 0.1	20.0	20	0.4	8.0	< 0.2	50
8104	2013296	< 5	0.04	2.0	0.2	< 0.1	19.6	10	0.4	8.0	< 0.2	48
8105	2013296	< 5	0.02	3.2	0.2	< 0.1	13.4	20	0.4	7.0	< 0.2	39
8106	2013296	< 5	0.12	2.0	0.2	0.2	22.6	20	0.6	7.0	< 0.2	93
8107	2013296	< 5	0.12	6.8	0.4	0.1	55.0	30	0.8	7.5	< 0.2	95
8108	2013296	< 5	0.24	8.6	2.8	0.1	141.0	30	12.0	15.5	3.0	199
8109	2013296	< 5	0.88	31.0	3.6	2.4	155.0	130	8.0	39.5	1.6	349
8110	2013296	< 5	0.40	5.8	1.8	0.7	37.8	180	1.2	11.5	< 0.2	137
8111	2013296	< 5	< 0.02	5.8	7.4	< 0.1	0.8	10	< 0.2	< 0.5	< 0.2	2
8112	2013296	35	0.50	34.4	0.8	0.4	128.5	140	7.0	23.5	0.6	286
8113	2013296	75	0.66	13.4	1.0	0.2	37.4	10	9.2	9.0	2.4	37
8114	2013296	< 5	0.32	0.8	< 0.2	0.3	14.4	150	0.8	4.5	< 0.2	16
8115	2013296	< 5	3.34	< 0.2	< 0.2	0.2	60.4	120	0.4	3.5	0.2	17

CERTIFICATION: Stewart Borthwick

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

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CERTIFICATE OF ANALYSIS A9520188

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm			
8116	203296	< 5	0.74	3.8	0.8	< 0.1	169.5	70	0.4	9.5	< 0.2	35			
8117	203296	< 5	0.22	< 0.2	< 0.2	0.8	17.2	30	0.4	0.5	< 0.2	110			
8118	203296	< 5	0.46	< 0.2	< 0.2	37.7	156.0	180	0.8	2.0	< 0.2	869			
8119	203296	< 5	1.06	2.6	< 0.2	3.9	82.4	260	1.6	6.0	< 0.2	97			
8120	203296	< 5	0.16	13.2	< 0.2	0.1	15.0	10	7.2	7.0	0.4	52			
8121	203296	30	0.08	168.5	0.6	0.1	24.4	30	2.4	11.0	< 0.2	119			
8122	203296	25	0.10	13.0	2.4	0.6	15.6	70	0.2	4.0	< 0.2	17			
8123	203296	30	0.22	20.0	0.6	0.6	56.0	50	5.4	15.0	0.2	179			
8124	203296	25	2.58	55.4	0.6	0.4	75.4	240	41.8	33.5	3.0	181			
8125	203296	< 5	0.38	26.6	0.4	< 0.1	44.0	90	7.6	13.5	1.6	88			
8126	203296	45	6.20	4.4	0.4	0.2	20.6	580	2.8	19.0	2.0	6			
8127	203296	< 5	0.16	4.8	0.2	< 0.1	21.0	90	1.6	6.5	< 0.2	53			
8128	203296	< 5	1.52	5.8	1.2	1.0	50.8	20	4.8	9.0	< 0.2	218			
8129	203296	< 5	1.04	4.8	0.6	2.3	57.6	40	4.6	13.0	< 0.2	79			
8130	203296	< 5	0.18	11.4	0.4	0.2	32.6	20	3.2	11.5	< 0.2	120			
8131	203296	80	1.18	16.4	1.6	< 0.1	11.2	70	49.2	13.0	28.0	161			
8132	203296	< 5	0.20	24.0	1.2	0.1	63.4	20	4.6	10.0	1.4	80			
8133	203296	< 5	0.40	10.2	0.4	0.1	31.4	60	3.2	11.5	< 0.2	65			
8134	203296	< 5	0.32	25.4	0.4	0.5	208	40	0.6	6.5	< 0.2	173			
8135	203296	< 5	0.66	0.2	< 0.2	1.6	22.0	90	< 0.2	2.0	< 0.2	10			
8136	203296	40	0.24	11.2	0.4	0.2	20.6	30	1.0	9.5	< 0.2	30			
8137	203296	650	0.12	5.8	2.8	0.1	5.4	60	< 0.2	5.0	< 0.2	8			
8138	203296	25	0.88	37.6	1.4	< 0.1	33.4	70	12.2	32.0	3.0	94			
8139	203296	< 5	1.02	78.4	3.0	< 0.1	47.8	10	4.0	39.5	2.6	18			
8140	203296	20	0.08	13.6	2.6	0.1	5.4	40	1.2	4.0	< 0.2	18			
8141	203296	< 5	0.04	6.6	0.6	0.1	16.6	20	0.6	10.5	< 0.2	122			
8142	203296	105	0.02	4.8	5.6	0.1	3.2	180	< 0.2	< 0.5	< 0.2	2			
8143	203296	10	0.04	37.4	2.4	< 0.1	8.6	30	0.6	7.0	< 0.2	18			
8144	203296	< 5	0.76	2.0	0.2	1.4	31.8	160	0.4	4.0	< 0.2	13			
8146	203296	< 5	0.52	39.8	1.0	1.3	71.0	80	3.0	7.5	< 0.2	35			
8147	203296	120	0.28	8.4	< 0.2	0.1	44.2	70	2.4	10.5	< 0.2	110			
8148	203296	10	0.30	19.4	0.8	0.1	37.8	40	10.6	14.0	3.2	68			
8149	203296	20	0.50	304	0.8	0.3	48.4	130	64.4	35.5	6.4	159			
8150	203296	5	0.18	50.4	0.8	0.1	44.8	40	12.2	18.5	1.2	148			
8151	203296	5	0.46	24.8	0.2	0.1	40.0	70	6.0	15.0	< 0.2	87			
8152	203296	< 5	1.28	16.4	0.4	< 0.1	23.0	60	2.6	15.0	< 0.2	30			
8153	203296	< 5	0.52	5.2	< 0.2	0.1	28.6	30	1.8	9.0	< 0.2	60			
8154	203296	< 5	0.54	20.8	0.2	0.1	43.8	130	6.2	20.5	1.8	58			
8155	203296	< 5	0.12	4.4	< 0.2	0.1	12.6	10	1.8	6.5	< 0.2	75			
8156	203296	< 5	0.22	2.8	< 0.2	< 0.1	26.6	20	2.0	10.5	< 0.2	37			

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Certificate Date: 05-JUL-95
Invoice No. : 19520188
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9520188

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
5891	203296	< 5	0.04	3.8	0.2	0.1	21.4	30	0.4	8.0	< 0.2	117
5892	203296	< 5	0.02	1.8	< 0.2	0.1	19.8	20	0.4	5.0	< 0.2	76
5895	203296	< 5	0.04	2.6	0.4	0.1	26.2	20	0.4	7.0	< 0.2	162
5896	203296	< 5	0.02	3.0	< 0.2	0.1	22.2	30	0.4	6.0	< 0.2	111
8000	203296	10	0.52	37.6	0.4	0.1	37.0	20	5.2	27.0	0.4	78
8001	203296	< 5	0.04	3.2	< 0.2	0.1	20.8	20	0.6	8.0	< 0.2	52
8002	203296	< 5	< 0.02	2.4	< 0.2	< 0.1	13.4	20	0.2	6.5	< 0.2	39
8003	203296	< 5	< 0.02	1.8	< 0.2	< 0.1	15.2	20	0.2	6.5	< 0.2	41
8004	203296	< 5	0.02	2.0	< 0.2	< 0.1	15.8	10	0.4	7.5	< 0.2	47
8005	203296	< 5	0.02	2.2	< 0.2	< 0.1	15.6	10	0.2	6.5	< 0.2	46
8006	203296	< 5	0.16	1.8	< 0.2	< 0.1	19.8	70	0.6	9.0	< 0.2	67
8007	203296	< 5	0.18	2.4	0.4	0.2	21.4	90	0.6	10.0	< 0.2	77
8008	203296	< 5	0.08	2.0	0.2	0.2	22.6	40	0.4	7.5	< 0.2	171
8009	203296	< 5	1.16	2.0	0.6	0.8	58.4	70	1.4	15.0	< 0.2	115
8010	203296	< 5	0.18	3.4	0.4	0.1	30.4	40	0.8	7.5	< 0.2	149
8011	203296	< 5	0.84	8.2	0.4	1.0	61.2	80	5.8	14.0	< 0.2	216
8012	203296	160	1.06	9.0	0.6	0.5	68.6	140	3.2	7.5	< 0.2	193
8013	203296	< 5	0.46	113.0	1.6	0.1	31.0	30	0.6	4.0	0.2	31
8014	203296	1180	0.22	14.2	2.2	0.1	81.6	20	0.2	5.0	< 0.2	29
8015	203296	150	0.42	26.4	1.2	< 0.1	28.6	10	< 0.2	3.0	< 0.2	29
8016	203296	< 5	0.36	0.4	0.4	1.6	12.8	170	< 0.2	3.0	< 0.2	10
8017	203296	1460	0.24	10.6	2.6	0.1	17.2	50	< 0.2	6.0	< 0.2	18
8018	203296	5	0.52	7.6	3.0	1.3	18.2	20	0.6	4.5	< 0.2	63
8019	203296	70	0.48	64.6	2.4	0.3	36.4	10	12.8	15.0	1.2	105
8020	203296	10	0.08	5.2	2.6	0.5	12.4	30	0.6	5.0	< 0.2	17
8021	203296	80	2.32	360	3.6	< 0.1	94.2	60	28.0	28.0	10.8	82
8022	203296	20	0.12	9.8	1.2	0.2	4.4	20	0.4	1.0	< 0.2	32
8023	203296	5	0.86	12.6	2.8	< 0.1	89.4	20	< 0.2	9.0	< 0.2	49
8024	203296	< 5	0.04	37.4	1.6	< 0.1	13.8	30	0.2	4.5	< 0.2	17
8025	203296	335	1.16	144.5	1.4	0.5	50.0	40	1.6	10.0	1.2	29
8026	203296	< 5	0.22	4.2	2.2	0.1	14.4	20	0.4	5.0	< 0.2	27
8027	203296	70	4.34	86.0	1.6	0.2	24.0	40	39.2	57.0	31.6	56
8028	203296	< 5	0.04	2.8	1.8	< 0.1	4.0	40	0.6	3.5	< 0.2	13
8029	203296	360	0.26	15.8	1.2	0.2	16.6	40	9.8	17.0	1.2	60
8030	203296	15	0.02	5.2	1.2	0.1	20.4	30	< 0.2	3.5	< 0.2	15
8031	203296	20	0.36	18.2	1.2	0.3	31.6	40	4.0	9.5	0.4	48
8032	203296	10	0.30	2.0	0.4	0.1	24.8	170	0.4	12.5	< 0.2	23
8033	203296	< 5	0.08	2.4	0.4	< 0.1	15.2	30	0.4	8.5	< 0.2	42
8034	203296	< 5	0.06	1.6	< 0.2	< 0.1	17.4	20	0.4	7.5	< 0.2	47
8035	203296	5	0.08	2.8	< 0.2	0.1	16.6	20	0.4	7.0	< 0.2	49

CERTIFICATION: Ian Pitcher

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8036	203296	< 5	0.40	2.8	0.2	0.1	25.8	50	0.6	9.0	< 0.2	55
8037	203296	10	0.06	18.6	0.8	0.1	56.8	20	6.8	9.0	0.4	134
8038	203296	10	1.06	0.6	0.2	1.0	39.2	100	< 0.2	12.5	< 0.2	26
8039	203296	40	0.40	21.0	1.4	0.4	16.4	40	0.4	2.0	< 0.2	20
8040	203296	20	0.32	4.0	2.8	0.1	48.6	40	26.6	31.5	13.0	14
8041	203296	< 5	0.50	12.6	3.2	1.6	80.0	40	1.2	28.5	< 0.2	311
8042	203296	15	2.98	1.6	0.2	1.2	50.4	130	0.4	6.0	0.4	30
8043	203296	< 5	3.22	2.0	< 0.2	2.8	52.0	250	0.8	3.5	0.4	71
8044	203296	10	0.34	16.2	< 0.2	0.2	5.4	10	2.4	5.0	< 0.2	19
8045	203296	10	2.40	61.8	1.8	3.4	84.6	60	64.0	35.5	5.8	131
8046	203296	< 5	0.72	12.6	3.2	5.0	89.2	90	2.6	25.0	1.0	65
8047	203296	< 5	8.74	82.6	1.8	1.5	111.5	350	13.4	34.0	2.8	52
8048	203296	10	1.78	106.0	2.0	0.1	60.2	40	41.6	33.0	7.0	93
8049	203296	< 5	0.68	9.0	0.2	0.1	12.2	30	2.6	10.0	< 0.2	46
8050	203296	< 5	0.12	1.4	< 0.2	0.4	21.2	10	0.6	10.5	< 0.2	16
8051	203296	< 5	0.32	4.4	0.2	0.2	37.0	30	1.2	8.5	< 0.2	40
8052	203296	< 5	0.98	42.0	0.8	2.6	60.2	150	23.8	44.5	5.4	78
8053	203296	< 5	0.28	2.2	< 0.2	0.6	17.4	100	0.6	2.0	0.4	11
8054	203296	< 5	0.78	0.6	< 0.2	1.5	26.8	70	0.2	3.5	< 0.2	11
8055	203296	< 5	0.76	13.2	0.6	0.4	46.4	30	6.8	18.5	1.0	46
8056	203296	< 5	1.00	10.6	0.6	0.1	31.6	40	7.6	15.5	0.6	51
8057	203296	< 5	0.82	9.0	1.6	0.3	16.4	60	0.4	3.0	< 0.2	21
8058	203296	< 5	1.84	60.4	2.6	0.2	65.6	110	53.2	16.0	3.8	163
8059	203296	< 5	1.10	34.0	2.2	0.5	81.8	10	17.6	23.0	1.2	98
8060	203296	< 5	0.16	8.0	0.4	0.2	17.2	10	0.6	9.0	< 0.2	37
8061	203296	225	0.04	17.6	2.8	< 0.1	19.8	30	0.4	5.5	< 0.2	22
8062	203296	< 5	0.70	3.4	2.4	0.1	30.8	20	0.8	3.0	< 0.2	55
8063	203296	< 5	0.10	4.0	0.6	0.3	37.8	30	0.6	8.5	< 0.2	133
8064	203296	< 5	0.20	2.2	0.8	0.5	19.4	10	1.2	4.5	< 0.2	195
8065	203296	65	1.54	52.2	2.2	1.3	94.6	20	0.8	10.0	< 0.2	38
8066	203296	80	4.60	13.8	2.0	0.8	110.0	160	3.0	82.0	0.6	8
8067	203296	125	0.66	16.4	2.8	0.8	87.0	30	3.8	22.0	0.6	108
8068	203296	< 5	0.28	2.0	0.4	0.1	29.0	10	0.4	8.5	< 0.2	17
8069	203296	580	0.14	3.0	1.2	< 0.1	25.4	30	0.2	3.0	< 0.2	21
8070	203296	40	0.96	56.0	1.8	< 0.1	31.8	220	13.0	121.5	13.0	44
8071	203296	50	0.08	7.6	1.2	< 0.1	5.6	10	1.2	6.0	0.4	15
8072	203296	< 5	0.64	1.6	0.4	0.1	14.0	110	0.4	3.5	0.2	6
8073	203296	< 5	0.34	159.5	1.4	0.1	48.6	10	7.2	7.5	6.2	33
8074	203296	20	0.20	56.6	0.6	0.2	8.0	120	22.2	19.5	15.2	18
8075	203296	< 5	0.18	3.8	0.4	0.1	16.2	10	0.8	6.5	< 0.2	41

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Certificate Date: 05-JUL-95
Invoice No. : I9520188
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9520188

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm			
8076	203296	< 5	0.06	8.2	1.8	< 0.1	46.6	< 10	3.8	5.0	0.6	26			
8077	203296	< 5	0.46	9.0	0.6	< 0.1	21.8	20	2.4	12.5	0.2	49			
8078	203296	< 5	0.28	11.2	0.8	< 0.1	48.4	20	4.6	16.0	1.0	59			
8079	203296	5	0.40	20.8	1.2	0.1	77.8	20	5.4	24.5	1.6	73			
8080	203296	< 5	0.82	39.8	0.8	0.2	78.0	60	7.4	17.0	1.4	123			
8081	203296	< 5	0.26	237	2.0	< 0.1	57.8	70	26.8	23.0	13.0	80			
8082	203296	< 5	0.36	40.2	1.2	0.1	58.8	70	9.6	20.5	2.6	98			
8083	203296	< 5	0.60	20.2	1.0	0.1	40.6	30	5.0	13.5	0.6	44			
8084	203296	< 5	1.18	7.0	1.4	0.2	28.8	140	1.8	10.5	1.6	17			
8085	203296	180	0.66	23.0	1.2	0.9	111.0	60	4.2	13.0	< 0.2	67			
8086	203296	65	0.14	8.0	0.8	0.1	10.4	10	1.6	7.5	< 0.2	16			
8087	203296	540	0.26	5.2	1.2	0.1	20.4	10	0.8	10.0	< 0.2	44			
8088	203296	50	0.04	7.8	0.6	0.1	10.6	10	2.2	13.0	< 0.2	45			
8089	203296	30	0.32	3.8	2.6	0.2	40.0	30	0.8	3.5	< 0.2	14			
8090	203296	20	0.08	7.8	1.4	0.1	52.8	30	1.2	4.5	< 0.2	19			
8091	203296	2910	0.84	9.0	3.8	0.2	80.0	80	0.2	32.0	0.2	6			
8092	203296	15	0.50	574	3.2	1.0	60.8	20	0.6	7.5	0.2	50			
8093	203296	< 5	0.44	47.0	2.4	0.1	58.6	20	2.4	12.0	0.4	46			
8094	203296	245	2.54	12.8	2.6	0.9	36.2	60	1.4	26.5	0.4	34			
8095	203296	40	0.78	11.8	2.2	2.1	119.0	40	1.0	18.0	< 0.2	150			
8096	203296	< 5	0.34	11.2	0.8	0.7	101.0	40	2.2	15.5	< 0.2	278			
8097	203296	< 5	0.02	2.0	0.4	< 0.1	6.4	< 10	0.4	6.5	0.2	30			
8098	203296	< 5	< 0.02	1.2	0.4	< 0.1	3.0	10	0.2	5.5	< 0.2	22			
8099	203296	< 5	0.66	5.4	0.4	2.8	43.4	110	3.6	6.0	< 0.2	103			
8100	203296	< 5	0.02	4.4	2.6	0.2	7.0	50	0.2	5.5	< 0.2	21			
8101	203296	< 5	0.12	16.0	0.8	< 0.1	49.4	40	3.2	16.5	0.2	115			
8102	203296	< 5	0.04	1.4	0.2	0.1	16.4	10	0.4	7.5	< 0.2	47			
8103	203296	< 5	0.04	2.6	0.2	< 0.1	20.0	20	0.4	8.0	< 0.2	50			
8104	203296	< 5	0.04	2.0	0.2	< 0.1	19.6	10	0.4	8.0	< 0.2	48			
8105	203296	< 5	0.02	3.2	0.2	< 0.1	13.4	20	0.4	7.0	< 0.2	39			
8106	203296	< 5	0.12	2.0	0.2	0.2	22.6	20	0.6	7.0	< 0.2	93			
8107	203296	< 5	0.12	6.8	0.4	0.1	55.0	30	0.8	7.5	< 0.2	95			
8108	203296	< 5	0.24	8.6	2.8	0.1	141.0	30	12.0	15.5	3.0	199			
8109	203296	< 5	0.88	31.0	3.6	2.4	155.0	130	8.0	39.5	1.6	349			
8110	203296	< 5	0.40	5.8	1.8	0.7	37.8	180	1.2	11.5	< 0.2	137			
8111	203296	< 5	< 0.02	5.8	7.4	< 0.1	0.8	10	< 0.2	< 0.5	< 0.2	2			
8112	203296	35	0.50	34.4	0.8	0.4	128.5	140	7.0	23.5	0.6	286			
8113	203296	75	0.66	13.4	1.0	0.2	37.4	10	9.2	9.0	2.4	37			
8114	203296	< 5	0.32	0.8	< 0.2	0.3	14.4	150	0.8	4.5	< 0.2	16			
8115	203296	< 5	3.34	< 0.2	< 0.2	0.2	60.4	120	0.4	3.5	0.2	17			

CERTIFICATION: Ivan Bulic

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Certificate Date: 05-JUL-95
Invoice No. : I9520188
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9520188

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8116	203296	< 5	0.74	3.8	0.8	< 0.1	169.5	70	0.4	9.5	< 0.2	35
8117	203296	< 5	0.22	< 0.2	< 0.2	0.8	17.2	30	0.4	0.5	< 0.2	110
8118	203296	< 5	0.46	< 0.2	< 0.2	37.7	156.0	180	0.8	2.0	< 0.2	869
8119	203296	< 5	1.06	2.6	< 0.2	3.9	82.4	260	1.6	6.0	< 0.2	97
8120	203296	< 5	0.16	13.2	< 0.2	0.1	15.0	10	7.2	7.0	0.4	52
8121	203296	30	0.08	168.5	0.6	0.1	24.4	30	2.4	11.0	< 0.2	119
8122	203296	25	0.10	13.0	2.4	0.6	15.6	70	0.2	4.0	< 0.2	17
8123	203296	30	0.22	20.0	0.6	0.6	56.0	50	5.4	15.0	0.2	179
8124	203296	25	2.58	55.4	0.6	0.4	75.4	240	41.8	33.5	3.0	181
8125	203296	< 5	0.38	26.6	0.4	< 0.1	44.0	90	7.6	13.5	1.6	88
8126	203296	45	6.20	4.4	0.4	0.2	20.6	580	2.8	19.0	2.0	6
8127	203296	< 5	0.16	4.8	0.2	< 0.1	21.0	90	1.6	6.5	< 0.2	53
8128	203296	< 5	1.52	5.8	1.2	1.0	50.8	20	4.8	9.0	< 0.2	218
8129	203296	< 5	1.04	4.8	0.6	2.3	57.6	40	4.6	13.0	< 0.2	79
8130	203296	< 5	0.18	11.4	0.4	0.2	32.6	20	3.2	11.5	< 0.2	120
8131	203296	80	1.18	16.4	1.6	< 0.1	11.2	70	49.2	13.0	28.0	161
8132	203296	< 5	0.20	24.0	1.2	0.1	63.4	20	4.6	10.0	1.4	80
8133	203296	< 5	0.40	10.2	0.4	0.1	31.4	60	3.2	11.5	< 0.2	65
8134	203296	< 5	0.32	25.4	0.4	0.5	208	40	0.6	6.5	< 0.2	173
8135	203296	< 5	0.66	0.2	< 0.2	1.6	22.0	90	< 0.2	2.0	< 0.2	10
8136	203296	40	0.24	11.2	0.4	0.2	20.6	30	1.0	9.5	< 0.2	30
8137	203296	650	0.12	5.8	2.8	0.1	5.4	60	< 0.2	5.0	< 0.2	8
8138	203296	25	0.88	37.6	1.4	< 0.1	33.4	70	12.2	32.0	3.0	94
8139	203296	< 5	1.02	78.4	3.0	< 0.1	47.8	10	4.0	39.5	2.6	18
8140	203296	20	0.08	13.6	2.6	0.1	5.4	40	1.2	4.0	< 0.2	18
8141	203296	< 5	0.04	6.6	0.6	0.1	16.6	20	0.6	10.5	< 0.2	122
8142	203296	105	0.02	4.8	5.6	0.1	3.2	180	< 0.2	< 0.5	< 0.2	2
8143	203296	10	0.04	37.4	2.4	< 0.1	8.6	30	0.6	7.0	< 0.2	18
8144	203296	< 5	0.76	2.0	0.2	1.4	31.8	160	0.4	4.0	< 0.2	13
8146	203296	< 5	0.52	39.8	1.0	1.3	71.0	80	3.0	7.5	< 0.2	35
8147	203296	120	0.28	8.4	< 0.2	0.1	44.2	70	2.4	10.5	< 0.2	110
8148	203296	10	0.30	19.4	0.8	0.1	37.8	40	10.6	14.0	3.2	68
8149	203296	20	0.50	304	0.8	0.3	48.4	130	64.4	35.5	6.4	159
8150	203296	5	0.18	50.4	0.8	0.1	44.8	40	12.2	18.5	1.2	148
8151	203296	5	0.46	24.8	0.2	0.1	40.0	70	6.0	15.0	< 0.2	87
8152	203296	< 5	1.28	16.4	0.4	< 0.1	23.0	60	2.6	15.0	< 0.2	30
8153	203296	< 5	0.52	5.2	< 0.2	0.1	28.6	30	1.8	9.0	< 0.2	60
8154	203296	< 5	0.54	20.8	0.2	0.1	43.8	130	6.2	20.5	1.8	58
8155	203296	< 5	0.12	4.4	< 0.2	0.1	12.6	10	1.8	6.5	< 0.2	75
8156	203296	< 5	0.22	2.8	< 0.2	< 0.1	26.6	20	2.0	10.5	< 0.2	37

CERTIFICATION: _____

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

A9520189

Comments: ATTN: M. ROSATELLI

CERTIFICATE A9520189

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 5-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	160	Dry, sieve to -80 mesh
3296	160	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	160	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1941	160	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	160	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	160	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	160	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	160	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	160	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	160	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	160	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	160	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	160	Zn ppm: Ultra trace package	EXT-ICP	1	5000

12 -07- 1995

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CERTIFICATE OF ANALYSIS A9520189

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8157	203296	< 5	0.42	7.4	0.2	0.3	32.0	220	1.4	11.0	1.0	10
8158	203296	50	0.06	9.0	0.8	< 0.1	51.6	70	1.6	5.5	0.2	15
8159	203296	1230	0.12	15.2	0.6	< 0.1	18.0	30	0.4	2.0	< 0.2	14
8160	203296	485	0.02	6.8	6.2	< 0.1	2.2	160	< 0.2	< 0.5	< 0.2	3
8161	203296	< 5	0.16	7.8	1.0	0.1	13.2	40	1.8	5.5	< 0.2	32
8162	203296	< 5	0.02	2.0	< 0.2	< 0.1	20.2	< 10	0.8	6.5	< 0.2	35
8163	203296	< 5	0.20	18.0	0.8	0.1	39.2	10	0.6	5.5	< 0.2	37
8164	203296	< 5	0.38	2.6	0.6	0.8	32.2	70	< 0.2	2.5	< 0.2	16
8165	203296	< 5	0.42	11.0	0.2	0.2	64.6	90	3.4	14.0	< 0.2	174
8166	203296	< 5	0.16	5.8	0.2	0.2	14.8	10	1.6	9.5	< 0.2	56
8167	203296	15	0.12	6.0	0.6	0.1	18.0	20	0.6	4.5	< 0.2	25
8168	203296	< 5	0.12	10.4	0.8	0.8	28.8	30	0.8	4.5	< 0.2	23
8169	203296	< 5	0.36	2.2	< 0.2	0.6	59.6	10	0.6	7.0	< 0.2	14
8170	203296	< 5	0.14	2.6	0.4	0.1	29.6	< 10	8.0	7.0	1.8	22
8171	203296	< 5	0.46	0.6	< 0.2	2.2	34.0	80	0.2	3.0	< 0.2	42
8172	203296	< 5	2.04	12.2	0.6	3.4	119.0	120	3.6	13.0	< 0.2	320
8173	203296	< 5	0.50	54.0	1.2	0.6	33.6	60	1.6	13.0	< 0.2	85
8174	203296	< 5	0.38	6.0	0.4	1.0	18.8	10	1.2	11.0	< 0.2	65
8175	203296	35	1.94	127.0	1.0	0.1	93.4	170	59.6	27.5	4.8	299
8176	203296	35	16.10	204	1.2	1.1	141.0	520	37.0	73.0	14.0	685
8177	203296	< 5	0.50	15.6	0.6	< 0.1	17.8	20	0.2	2.0	< 0.2	33
8178	203296	< 5	0.36	4.8	< 0.2	0.1	16.6	10	2.6	12.0	0.2	20
8179	203296	< 5	0.20	120.5	0.4	< 0.1	26.4	120	37.6	45.5	15.2	109
8180	203296	25	1.24	44.4	0.8	0.4	71.0	20	19.8	31.5	8.2	48
8181	203296	< 5	0.38	5.2	0.2	0.1	72.6	30	1.6	10.5	< 0.2	78
8182	203296	< 5	0.58	1.2	< 0.2	0.9	55.4	100	0.2	6.5	< 0.2	18
8183	203296	< 5	1.54	9.6	1.8	1.0	34.6	60	8.2	16.5	6.2	55
8184	203296	< 5	0.04	1.0	< 0.2	0.1	5.0	< 10	0.2	2.0	< 0.2	11
8185	203296	< 5	2.46	5.4	1.4	25.9	208	70	0.6	5.0	< 0.2	463
8186	203296	< 5	0.06	7.8	0.2	0.4	4.4	10	0.2	1.5	0.2	19
8187	203296	< 5	0.76	15.8	0.4	0.6	67.6	70	7.4	14.5	0.4	169
8188	203296	< 5	0.30	3.4	0.2	1.3	24.4	20	1.2	5.5	< 0.2	226
8189	203296	< 5	0.10	8.0	2.6	0.2	4.6	50	0.2	0.5	< 0.2	124
8190	203296	< 5	< 0.02	1.6	< 0.2	< 0.1	2.2	< 10	0.2	3.5	< 0.2	15
8191	203296	20	0.82	9.4	0.2	1.7	306	20	0.2	14.5	< 0.2	141
8192	203296	30	0.44	36.4	0.4	0.3	151.5	40	1.4	15.0	< 0.2	171
8193	203296	< 5	0.14	118.5	0.4	0.2	72.6	10	0.6	5.5	< 0.2	149
8194	203296	< 5	0.90	30.6	0.6	4.1	411	50	1.2	152.0	< 0.2	865
8195	203296	< 5	0.20	27.6	0.6	2.6	106.5	20	7.8	23.0	0.6	330
8196	203296	< 5	0.14	25.6	1.0	0.3	73.8	< 10	5.2	5.0	0.2	250

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga
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P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Certificate Date: 05-JUL-95
Invoice No. :I9520189
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9520189

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm			
8197	203296	< 5	0.12	8.6	0.2	0.3	89.6	30	0.8	9.5	< 0.2	102			
8198	203296	< 5	0.20	43.6	0.6	0.1	74.0	< 10	0.6	4.5	< 0.2	146			
8199	203296	< 5	0.28	75.6	0.6	0.9	87.2	20	17.4	32.5	4.2	223			
8200	203296	20	0.12	1.2	< 0.2	1.3	11.0	60	0.6	< 0.5	< 0.2	28			
8201	203296	< 5	0.20	3.2	0.2	1.6	24.4	60	1.4	3.5	< 0.2	65			
8202	203296	< 5	0.16	2.4	0.2	0.1	8.4	< 10	2.0	9.5	< 0.2	61			
8203	203296	< 5	0.60	27.6	1.4	0.1	42.0	50	53.2	25.5	8.4	208			
8204	203296	< 5	2.32	1.2	0.2	0.6	60.4	120	1.0	12.0	< 0.2	9			
8205	203296	< 5	0.24	11.2	0.2	0.2	31.0	< 10	4.0	14.0	0.2	70			
8206	203296	< 5	0.28	1.4	0.4	0.3	28.4	80	0.4	6.5	< 0.2	15			
8207	203296	< 5	0.38	0.6	< 0.2	0.8	28.8	90	0.2	1.5	< 0.2	9			
8208	203296	< 5	0.18	0.6	< 0.2	0.8	46.8	170	0.4	1.5	< 0.2	16			
8209	203296	< 5	1.24	0.2	< 0.2	0.7	29.8	50	0.2	0.5	< 0.2	9			
8210	203296	< 5	0.42	0.2	< 0.2	2.2	21.0	90	0.6	0.5	< 0.2	23			
8211	203296	< 5	0.32	0.2	< 0.2	0.8	26.2	100	0.4	1.5	< 0.2	15			
8212	203296	< 5	0.04	2.0	< 0.2	0.3	5.0	< 10	0.4	6.0	< 0.2	32			
8213	203296	< 5	0.02	1.6	< 0.2	< 0.1	4.0	< 10	0.2	6.0	0.2	23			
8214	203296	< 5	0.68	1.0	0.2	1.1	77.8	10	0.2	4.0	< 0.2	385			
8215	203296	< 5	0.18	10.0	0.2	0.7	51.8	40	1.4	14.0	< 0.2	235			
8216	203296	< 5	0.16	10.0	0.2	0.6	47.6	50	1.2	13.0	< 0.2	205			
8217	203296	< 5	0.12	5.8	0.2	1.6	46.8	50	1.0	11.5	< 0.2	527			
8218	203296	< 5	0.04	3.0	< 0.2	0.2	22.0	20	0.4	8.5	< 0.2	132			
8219	203296	15	0.06	2.6	< 0.2	< 0.1	23.0	30	0.2	7.0	< 0.2	68			
8220	203296	< 5	0.12	5.6	< 0.2	0.9	42.2	30	0.8	10.5	< 0.2	340			
8221	203296	< 5	0.12	5.6	0.2	0.3	49.0	40	1.0	9.0	< 0.2	296			
8222	203296	< 5	0.16	7.8	0.2	0.5	48.0	50	0.8	13.0	< 0.2	172			
8223	203296	< 5	0.14	7.0	0.2	0.3	38.4	30	1.0	11.5	< 0.2	159			
8224	203296	< 5	0.08	3.8	< 0.2	< 0.1	23.4	10	0.4	9.0	< 0.2	75			
8225	203296	< 5	0.02	2.2	< 0.2	< 0.1	17.2	10	0.4	6.5	< 0.2	51			
8226	203296	< 5	0.06	2.8	< 0.2	0.1	25.4	40	0.4	7.0	< 0.2	77			
8227	203296	< 5	0.20	4.8	< 0.2	0.4	69.4	20	0.4	10.0	< 0.2	217			
8228	203296	< 5	0.14	24.8	< 0.2	0.1	19.8	10	0.4	7.0	< 0.2	34			
8229	203296	< 5	0.48	7.6	< 0.2	1.1	114.5	10	0.2	6.5	< 0.2	17			
8230	203296	< 5	0.02	< 0.2	< 0.2	0.2	8.6	50	0.2	0.5	0.6	9			
8231	203296	< 5	0.04	12.2	< 0.2	< 0.1	16.8	< 10	0.4	4.0	< 0.2	53			
8232	203296	< 5	0.24	229	0.2	0.1	27.8	10	0.8	10.0	< 0.2	76			
8233	203296	< 5	0.36	24.4	< 0.2	0.3	136.0	20	2.4	13.5	0.8	55			
8234	203296	< 5	0.32	24.4	0.2	0.1	39.6	20	1.2	10.0	< 0.2	96			
8235	203296	< 5	0.18	11.0	< 0.2	0.3	96.8	20	1.2	8.5	< 0.2	177			
8236	203296	20	0.90	7.2	0.4	3.1	330	60	0.2	34.0	< 0.2	22			

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8237	201 3296	< 5	0.16	3.2	< 0.2	0.6	47.4	40	0.2	7.5	< 0.2	17
8238	201 3296	< 5	0.12	8.4	< 0.2	0.1	78.0	50	0.6	9.5	< 0.2	52
8239	201 3296	< 5	0.12	4.8	< 0.2	< 0.1	60.8	50	0.6	6.5	0.4	41
8240	201 3296	< 5	0.14	4.8	0.4	< 0.1	52.4	10	0.4	6.5	< 0.2	42
8241	201 3296	3570	0.52	5.8	0.4	0.2	35.2	20	0.4	5.5	< 0.2	49
8242	201 3296	< 5	0.22	3.6	< 0.2	0.3	84.4	10	0.4	6.5	< 0.2	45
8243	201 3296	< 5	0.06	4.6	< 0.2	< 0.1	28.4	20	0.4	8.5	< 0.2	65
8244	201 3296	< 5	0.14	3.8	< 0.2	0.2	45.2	40	0.4	8.0	< 0.2	131
8245	201 3296	< 5	0.10	3.2	< 0.2	< 0.1	23.4	20	0.4	7.0	< 0.2	82
8246	201 3296	< 5	0.02	2.6	< 0.2	< 0.1	15.8	10	0.2	6.5	< 0.2	49
8247	201 3296	< 5	0.02	2.4	< 0.2	< 0.1	15.2	10	0.2	6.5	< 0.2	44
8248	201 3296	< 5	0.02	2.4	< 0.2	< 0.1	15.0	20	0.4	7.0	< 0.2	45
8249	201 3296	< 5	0.04	3.0	< 0.2	< 0.1	17.8	20	0.4	7.0	< 0.2	52
8250	201 3296	< 5	0.10	5.8	0.2	0.2	34.4	40	0.8	11.0	< 0.2	155
8251	201 3296	15	0.02	3.8	< 0.2	< 0.1	21.2	10	0.4	8.0	< 0.2	51
8252	201 3296	< 5	0.02	3.0	< 0.2	< 0.1	20.6	20	0.4	7.5	< 0.2	77
8253	201 3296	< 5	0.04	2.8	< 0.2	< 0.1	18.2	20	0.4	7.5	< 0.2	54
8254	201 3296	< 5	0.02	3.2	< 0.2	< 0.1	20.6	20	0.4	9.0	< 0.2	55
8255	201 3296	< 5	0.02	3.0	< 0.2	< 0.1	18.2	20	0.4	7.5	< 0.2	52
8256	201 3296	< 5	0.02	< 0.2	< 0.2	0.3	5.8	40	0.8	1.5	< 0.2	11
8257	201 3296	< 5	0.02	3.0	0.2	< 0.1	20.4	10	0.4	7.0	0.8	50
8258	201 3296	< 5	0.30	6.6	< 0.2	< 0.1	56.4	30	1.2	9.0	0.2	66
8259	201 3296	< 5	0.24	5.8	< 0.2	0.2	26.8	10	1.2	8.0	< 0.2	39
8260	201 3296	< 5	0.22	39.2	0.4	0.6	124.0	30	2.0	18.0	< 0.2	81
8261	201 3296	< 5	0.56	22.6	0.2	0.3	63.0	10	3.6	13.5	0.2	82
8262	201 3296	< 5	0.26	6.0	< 0.2	0.7	66.8	10	0.6	10.5	< 0.2	49
8263	201 3296	< 5	0.16	16.0	< 0.2	0.1	39.4	10	1.4	11.0	< 0.2	91
8264	201 3296	< 5	0.14	11.4	0.2	0.2	234	10	2.2	11.0	0.4	112
8265	201 3296	< 5	0.30	87.6	0.2	1.8	87.2	40	1.6	14.0	< 0.2	656
8266	201 3296	< 5	0.42	16.8	0.2	0.6	116.5	30	4.0	19.0	< 0.2	120
8267	201 3296	< 5	0.14	4.0	< 0.2	0.2	52.6	30	0.6	7.0	0.4	46
8268	201 3296	< 5	0.08	6.6	0.2	0.1	55.8	40	1.6	10.5	< 0.2	88
8269	201 3296	< 5	0.12	4.8	0.2	< 0.1	29.0	10	0.8	8.0	< 0.2	61
8270	201 3296	< 5	0.06	3.6	< 0.2	< 0.1	26.8	20	0.4	10.0	< 0.2	67
8271	201 3296	< 5	0.12	3.0	0.2	0.1	23.8	50	0.4	10.5	< 0.2	86
8272	201 3296	< 5	0.24	4.6	0.8	0.2	48.2	50	1.2	13.0	< 0.2	73
8273	201 3296	< 5	0.24	5.0	< 0.2	< 0.1	32.4	20	0.8	9.5	< 0.2	50
8274	201 3296	< 5	0.10	14.6	0.2	< 0.1	42.6	40	1.0	9.5	< 0.2	60
8275	201 3296	< 5	0.06	10.8	< 0.2	< 0.1	38.2	< 10	1.0	8.0	< 0.2	57
8300	201 3296	< 5	0.16	16.4	0.2	0.1	20.8	10	0.4	14.5	< 0.2	62

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

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TORONTO, ON
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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8301	203296	< 5	0.12	2.2	< 0.2	0.1	85.8	10	0.4	4.0	< 0.2	62
8302	203296	< 5	1.06	21.0	0.4	0.1	143.0	60	4.0	37.5	3.0	72
8303	203296	< 5	1.34	17.2	0.8	1.1	175.5	30	4.6	13.5	1.6	58
8304	203296	< 5	2.08	29.0	1.4	1.3	154.0	30	4.8	56.5	0.6	293
8305	203296	< 5	0.64	15.6	0.4	1.3	114.0	50	2.0	18.0	< 0.2	153
8306	203296	< 5	0.62	16.6	0.4	0.1	105.0	20	2.4	14.0	0.4	141
8307	203296	< 5	1.30	187.5	0.2	1.0	186.5	80	1.6	387	0.6	402
8308	203296	< 5	0.26	15.8	0.4	1.2	83.0	80	1.2	23.5	< 0.2	317
8309	203296	< 5	0.12	10.2	0.2	0.7	46.6	60	1.6	11.5	0.2	203
8310	203296	95	0.12	12.0	0.6	0.4	51.4	50	1.4	13.0	< 0.2	152
8311	203296	< 5	0.06	8.0	< 0.2	0.2	59.8	30	0.8	8.5	< 0.2	153
8312	203296	< 5	0.58	178.0	0.8	< 0.1	56.2	60	14.0	34.0	4.6	334
8313	203296	< 5	0.12	17.6	< 0.2	0.8	73.0	120	0.4	6.0	< 0.2	144
8314	203296	< 5	0.06	46.6	0.2	0.1	174.0	10	0.6	4.0	< 0.2	98
8315	203296	< 5	0.06	6.8	< 0.2	< 0.1	42.0	20	0.6	9.0	< 0.2	89
8316	203296	< 5	< 0.02	< 0.2	< 0.2	0.2	5.4	30	< 0.2	1.0	1.4	5
8317	203296	< 5	0.14	3.2	< 0.2	0.3	39.6	50	0.4	8.0	< 0.2	142
8318	203296	< 5	0.08	4.4	< 0.2	1.6	44.6	60	0.6	9.5	< 0.2	345
8319	203296	< 5	0.06	6.0	< 0.2	0.3	34.2	30	0.6	9.0	< 0.2	176
8320	203296	< 5	0.20	14.0	0.2	0.8	57.4	50	2.8	20.5	< 0.2	240
8321	203296	< 5	0.30	18.0	0.2	1.6	80.6	80	3.4	18.0	< 0.2	417
8322	203296	130	0.04	106.0	0.2	0.4	136.5	10	0.6	7.5	< 0.2	65
8323	203296	20	0.34	34.0	0.4	0.3	43.0	10	14.6	10.0	5.8	133
8324	203296	< 5	1.38	7.6	0.4	1.5	263	80	1.2	34.5	0.8	111
8325	203296	< 5	1.10	7.0	0.6	1.9	182.5	10	9.2	10.0	0.8	96
8326	203296	< 5	0.16	30.2	0.2	0.1	86.2	10	2.0	17.0	< 0.2	175
8327	203296	15	0.20	68.6	< 0.2	0.1	27.0	10	0.2	7.0	0.2	90
8328	203296	< 5	0.48	9.4	0.2	0.4	59.2	10	1.2	19.0	0.6	81
8329	203296	< 5	0.40	16.4	0.2	0.5	27.6	30	2.6	176.0	< 0.2	200
8330	203296	905	0.24	16.8	0.4	1.1	76.6	30	0.2	14.0	< 0.2	32
8350	203296	< 5	0.18	11.0	0.2	0.1	40.2	30	3.4	14.5	< 0.2	62
8351	203296	< 5	0.36	22.2	0.2	0.1	81.6	10	4.4	11.0	< 0.2	144
8352	203296	< 5	0.88	32.8	0.2	< 0.1	60.4	20	2.4	10.0	< 0.2	71
8353	203296	< 5	6.86	51.4	0.6	< 0.1	99.8	110	14.0	33.5	3.4	174
8354	203296	< 5	0.38	4.6	< 0.2	0.1	12.4	10	1.0	7.0	< 0.2	25
8355	203296	< 5	0.08	6.4	< 0.2	< 0.1	41.0	20	0.8	9.0	< 0.2	66
8356	203296	< 5	0.06	3.6	0.2	< 0.1	46.8	10	0.6	9.0	< 0.2	61
8357	203296	< 5	0.06	22.8	0.4	0.1	180.0	40	2.2	9.0	< 0.2	140
8358	203296	< 5	0.04	2.4	< 0.2	0.1	23.8	10	0.4	8.5	< 0.2	64
8359	203296	< 5	0.08	2.0	0.2	0.1	26.0	30	0.4	8.5	< 0.2	80

CERTIFICATION:

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8157	201 3296	< 5	0.42	7.4	0.2	0.3	32.0	220	1.4	11.0	1.0	10
8158	201 3296	50	0.06	9.0	0.8	< 0.1	51.6	70	1.6	5.5	0.2	15
8159	201 3296	1230	0.12	15.2	0.6	< 0.1	18.0	30	0.4	2.0	< 0.2	14
8160	201 3296	485	0.02	6.8	6.2	< 0.1	2.2	160	< 0.2	< 0.5	< 0.2	3
8161	201 3296	< 5	0.16	7.8	1.0	0.1	13.2	40	1.8	5.5	< 0.2	32
8162	201 3296	< 5	0.02	2.0	< 0.2	< 0.1	20.2	< 10	0.8	6.5	< 0.2	35
8163	201 3296	< 5	0.20	18.0	0.8	0.1	39.2	10	0.6	5.5	< 0.2	37
8164	201 3296	< 5	0.38	2.6	0.6	0.8	32.2	70	< 0.2	2.5	< 0.2	16
8165	201 3296	< 5	0.42	11.0	0.2	0.2	64.6	90	3.4	14.0	< 0.2	174
8166	201 3296	< 5	0.16	5.8	0.2	0.2	14.8	10	1.6	9.5	< 0.2	56
8167	201 3296	15	0.12	6.0	0.6	0.1	18.0	20	0.6	4.5	< 0.2	25
8168	201 3296	< 5	0.12	10.4	0.8	0.8	28.8	30	0.8	4.5	< 0.2	23
8169	201 3296	< 5	0.36	2.2	< 0.2	0.6	59.6	10	0.6	7.0	< 0.2	14
8170	201 3296	< 5	0.14	2.6	0.4	0.1	29.6	< 10	8.0	7.0	1.8	22
8171	201 3296	< 5	0.46	0.6	< 0.2	2.2	34.0	80	0.2	3.0	< 0.2	42
8172	201 3296	< 5	2.04	12.2	0.6	3.4	119.0	120	3.6	13.0	< 0.2	320
8173	201 3296	< 5	0.50	54.0	1.2	0.6	33.6	60	1.6	13.0	< 0.2	85
8174	201 3296	< 5	0.38	6.0	0.4	1.0	18.8	10	1.2	11.0	< 0.2	65
8175	201 3296	35	1.94	127.0	1.0	0.1	93.4	170	59.6	27.5	4.8	299
8176	201 3296	35	16.10	204	1.2	1.1	141.0	520	37.0	73.0	14.0	685
8177	201 3296	< 5	0.50	15.6	0.6	< 0.1	17.8	20	0.2	2.0	< 0.2	33
8178	201 3296	< 5	0.36	4.8	< 0.2	0.1	16.6	10	2.6	12.0	0.2	20
8179	201 3296	< 5	0.20	120.5	0.4	< 0.1	26.4	120	37.6	45.5	15.2	109
8180	201 3296	25	1.24	44.4	0.8	0.4	71.0	20	19.8	31.5	8.2	48
8181	201 3296	< 5	0.38	5.2	0.2	0.1	72.6	30	1.6	10.5	< 0.2	78
8182	201 3296	< 5	0.58	1.2	< 0.2	0.9	55.4	100	0.2	6.5	< 0.2	18
8183	201 3296	< 5	1.54	9.6	1.8	1.0	34.6	60	8.2	16.5	6.2	55
8184	201 3296	< 5	0.04	1.0	< 0.2	0.1	5.0	< 10	0.2	2.0	< 0.2	11
8185	201 3296	< 5	2.46	5.4	1.4	25.9	208	70	0.6	5.0	< 0.2	463
8186	201 3296	< 5	0.06	7.8	0.2	0.4	4.4	10	0.2	1.5	0.2	19
8187	201 3296	< 5	0.76	15.8	0.4	0.6	67.6	70	7.4	14.5	0.4	169
8188	201 3296	< 5	0.30	3.4	0.2	1.3	24.4	20	1.2	5.5	< 0.2	226
8189	201 3296	< 5	0.10	8.0	2.6	0.2	4.6	50	0.2	0.5	< 0.2	124
8190	201 3296	< 5	< 0.02	1.6	< 0.2	< 0.1	2.2	< 10	0.2	3.5	< 0.2	15
8191	201 3296	20	0.82	9.4	0.2	1.7	306	20	0.2	14.5	< 0.2	141
8192	201 3296	30	0.44	36.4	0.4	0.3	151.5	40	1.4	15.0	< 0.2	171
8193	201 3296	< 5	0.14	118.5	0.4	0.2	72.6	10	0.6	5.5	< 0.2	149
8194	201 3296	< 5	0.90	30.6	0.6	4.1	411	50	1.2	152.0	< 0.2	865
8195	201 3296	< 5	0.20	27.6	0.6	2.6	106.5	20	7.8	23.0	0.6	330
8196	201 3296	< 5	0.14	25.6	1.0	0.3	73.8	< 10	5.2	5.0	0.2	250

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Certificate Date: 05-JUL-95
Invoice No. :19520189
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9520189

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8197	203296	< 5	0.12	8.6	0.2	0.3	89.6	30	0.8	9.5	< 0.2	102
8198	203296	< 5	0.20	43.6	0.6	0.1	74.0	< 10	0.6	4.5	< 0.2	146
8199	203296	< 5	0.28	75.6	0.6	0.9	87.2	20	17.4	32.5	4.2	223
8200	203296	20	0.12	1.2	< 0.2	1.3	11.0	60	0.6	< 0.5	< 0.2	28
8201	203296	< 5	0.20	3.2	0.2	1.6	24.4	60	1.4	3.5	< 0.2	65
8202	203296	< 5	0.16	2.4	0.2	0.1	8.4	< 10	2.0	9.5	< 0.2	61
8203	203296	< 5	0.60	27.6	1.4	0.1	42.0	50	53.2	25.5	8.4	208
8204	203296	< 5	2.32	1.2	0.2	0.6	60.4	120	1.0	12.0	< 0.2	9
8205	203296	< 5	0.24	11.2	0.2	0.2	31.0	< 10	4.0	14.0	0.2	70
8206	203296	< 5	0.28	1.4	0.4	0.3	28.4	80	0.4	6.5	< 0.2	15
8207	203296	< 5	0.38	0.6	< 0.2	0.8	28.8	90	0.2	1.5	< 0.2	9
8208	203296	< 5	0.18	0.6	< 0.2	0.8	46.8	170	0.4	1.5	< 0.2	16
8209	203296	< 5	1.24	0.2	< 0.2	0.7	29.8	50	0.2	0.5	< 0.2	9
8210	203296	< 5	0.42	0.2	< 0.2	2.2	21.0	90	0.6	0.5	< 0.2	23
8211	203296	< 5	0.32	0.2	< 0.2	0.8	26.2	100	0.4	1.5	< 0.2	15
8212	203296	< 5	0.04	2.0	< 0.2	0.3	5.0	< 10	0.4	6.0	< 0.2	32
8213	203296	< 5	0.02	1.6	< 0.2	< 0.1	4.0	< 10	0.2	6.0	0.2	23
8214	203296	< 5	0.68	1.0	0.2	1.1	77.8	10	0.2	4.0	< 0.2	385
8215	203296	< 5	0.18	10.0	0.2	0.7	51.8	40	1.4	14.0	< 0.2	235
8216	203296	< 5	0.16	10.0	0.2	0.6	47.6	50	1.2	13.0	< 0.2	205
8217	203296	< 5	0.12	5.8	0.2	1.6	46.8	50	1.0	11.5	< 0.2	527
8218	203296	< 5	0.04	3.0	< 0.2	0.2	22.0	20	0.4	8.5	< 0.2	132
8219	203296	15	0.06	2.6	< 0.2	< 0.1	23.0	30	0.2	7.0	< 0.2	68
8220	203296	< 5	0.12	5.6	< 0.2	0.9	42.2	30	0.8	10.5	< 0.2	340
8221	203296	< 5	0.12	5.6	0.2	0.3	49.0	40	1.0	9.0	< 0.2	296
8222	203296	< 5	0.16	7.8	0.2	0.5	48.0	50	0.8	13.0	< 0.2	172
8223	203296	< 5	0.14	7.0	0.2	0.3	38.4	30	1.0	11.5	< 0.2	159
8224	203296	< 5	0.08	3.8	< 0.2	< 0.1	23.4	10	0.4	9.0	< 0.2	75
8225	203296	< 5	0.02	2.2	< 0.2	< 0.1	17.2	10	0.4	6.5	< 0.2	51
8226	203296	< 5	0.06	2.8	< 0.2	0.1	25.4	40	0.4	7.0	< 0.2	77
8227	203296	< 5	0.20	4.8	< 0.2	0.4	69.4	20	0.4	10.0	< 0.2	217
8228	203296	< 5	0.14	24.8	< 0.2	0.1	19.8	10	0.4	7.0	< 0.2	34
8229	203296	< 5	0.48	7.6	< 0.2	1.1	114.5	10	0.2	6.5	< 0.2	17
8230	203296	< 5	0.02	< 0.2	< 0.2	0.2	8.6	50	0.2	0.5	0.6	9
8231	203296	< 5	0.04	12.2	< 0.2	< 0.1	16.8	< 10	0.4	4.0	< 0.2	53
8232	203296	< 5	0.24	229	0.2	0.1	27.8	10	0.8	10.0	< 0.2	76
8233	203296	< 5	0.36	24.4	< 0.2	0.3	136.0	20	2.4	13.5	0.8	55
8234	203296	< 5	0.32	24.4	0.2	0.1	39.6	20	1.2	10.0	< 0.2	96
8235	203296	< 5	0.18	11.0	< 0.2	0.3	96.8	20	1.2	8.5	< 0.2	177
8236	203296	20	0.90	7.2	0.4	3.1	330	60	0.2	34.0	< 0.2	22

CERTIFICATION: Stan Bachler

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Page Number :3
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Certificate Date: 05-JUL-95
Invoice No. :I9520189
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9520189

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8237	203296	< 5	0.16	3.2	< 0.2	0.6	47.4	40	0.2	7.5	< 0.2	17
8238	203296	< 5	0.12	8.4	< 0.2	0.1	78.0	50	0.6	9.5	< 0.2	52
8239	203296	< 5	0.12	4.8	< 0.2	< 0.1	60.8	50	0.6	6.5	0.4	41
8240	203296	< 5	0.14	4.8	0.4	< 0.1	52.4	10	0.4	6.5	< 0.2	42
8241	203296	3570	0.52	5.8	0.4	0.2	35.2	20	0.4	5.5	< 0.2	49
8242	203296	< 5	0.22	3.6	< 0.2	0.3	84.4	10	0.4	6.5	< 0.2	45
8243	203296	< 5	0.06	4.6	< 0.2	< 0.1	28.4	20	0.4	8.5	< 0.2	65
8244	203296	< 5	0.14	3.8	< 0.2	0.2	45.2	40	0.4	8.0	< 0.2	131
8245	203296	< 5	0.10	3.2	< 0.2	< 0.1	23.4	20	0.4	7.0	< 0.2	82
8246	203296	< 5	0.02	2.6	< 0.2	< 0.1	15.8	10	0.2	6.5	< 0.2	49
8247	203296	< 5	0.02	2.4	< 0.2	< 0.1	15.2	10	0.2	6.5	< 0.2	44
8248	203296	< 5	0.02	2.4	< 0.2	< 0.1	15.0	20	0.4	7.0	< 0.2	45
8249	203296	< 5	0.04	3.0	< 0.2	< 0.1	17.8	20	0.4	7.0	< 0.2	52
8250	203296	< 5	0.10	5.8	0.2	0.2	34.4	40	0.8	11.0	< 0.2	155
8251	203296	15	0.02	3.8	< 0.2	< 0.1	21.2	10	0.4	8.0	< 0.2	51
8252	203296	< 5	0.02	3.0	< 0.2	< 0.1	20.6	20	0.4	7.5	< 0.2	77
8253	203296	< 5	0.04	2.8	< 0.2	< 0.1	18.2	20	0.4	7.5	< 0.2	54
8254	203296	< 5	0.02	3.2	< 0.2	< 0.1	20.6	20	0.4	9.0	< 0.2	55
8255	203296	< 5	0.02	3.0	< 0.2	< 0.1	18.2	20	0.4	7.5	< 0.2	52
8256	203296	< 5	0.02	< 0.2	< 0.2	0.3	5.8	40	0.8	1.5	< 0.2	11
8257	203296	< 5	0.02	3.0	0.2	< 0.1	20.4	10	0.4	7.0	0.8	50
8258	203296	< 5	0.30	6.6	< 0.2	< 0.1	56.4	30	1.2	9.0	0.2	66
8259	203296	< 5	0.24	5.8	< 0.2	0.2	26.8	10	1.2	8.0	< 0.2	39
8260	203296	< 5	0.22	39.2	0.4	0.6	124.0	30	2.0	18.0	< 0.2	81
8261	203296	< 5	0.56	22.6	0.2	0.3	63.0	10	3.6	13.5	0.2	82
8262	203296	< 5	0.26	6.0	< 0.2	0.7	66.8	10	0.6	10.5	< 0.2	49
8263	203296	< 5	0.16	16.0	< 0.2	0.1	39.4	10	1.4	11.0	< 0.2	91
8264	203296	< 5	0.14	11.4	0.2	0.2	234	10	2.2	11.0	0.4	112
8265	203296	< 5	0.30	87.6	0.2	1.8	87.2	40	1.6	14.0	< 0.2	656
8266	203296	< 5	0.42	16.8	0.2	0.6	116.5	30	4.0	19.0	< 0.2	120
8267	203296	< 5	0.14	4.0	< 0.2	0.2	52.6	30	0.6	7.0	0.4	46
8268	203296	< 5	0.08	6.6	0.2	0.1	55.8	40	1.6	10.5	< 0.2	88
8269	203296	< 5	0.12	4.8	0.2	< 0.1	29.0	10	0.8	8.0	< 0.2	61
8270	203296	< 5	0.06	3.6	< 0.2	< 0.1	26.8	20	0.4	10.0	< 0.2	67
8271	203296	< 5	0.12	3.0	0.2	0.1	23.8	50	0.4	10.5	< 0.2	86
8272	203296	< 5	0.24	4.6	0.8	0.2	48.2	50	1.2	13.0	< 0.2	73
8273	203296	< 5	0.24	5.0	< 0.2	< 0.1	32.4	20	0.8	9.5	< 0.2	50
8274	203296	< 5	0.10	14.6	0.2	< 0.1	42.6	40	1.0	9.5	< 0.2	60
8275	203296	< 5	0.06	10.8	< 0.2	< 0.1	38.2	< 10	1.0	8.0	< 0.2	57
8300	203296	< 5	0.16	16.4	0.2	0.1	20.8	10	0.4	14.5	< 0.2	62

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5J 2S1

Project : KAN
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CERTIFICATE OF ANALYSIS A9520189

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8301	201 3296	< 5	0.12	2.2	< 0.2	0.1	85.8	10	0.4	4.0	< 0.2	62
8302	201 3296	< 5	1.06	21.0	0.4	0.1	143.0	60	4.0	37.5	3.0	72
8303	201 3296	< 5	1.34	17.2	0.8	1.1	175.5	30	4.6	13.5	1.6	58
8304	201 3296	< 5	2.08	29.0	1.4	1.3	154.0	30	4.8	56.5	0.6	293
8305	201 3296	< 5	0.64	15.6	0.4	1.3	114.0	50	2.0	18.0	< 0.2	153
8306	201 3296	< 5	0.62	16.6	0.4	0.1	105.0	20	2.4	14.0	0.4	141
8307	201 3296	< 5	1.30	187.5	0.2	1.0	186.5	80	1.6	387	0.6	402
8308	201 3296	< 5	0.26	15.8	0.4	1.2	83.0	80	1.2	23.5	< 0.2	317
8309	201 3296	< 5	0.12	10.2	0.2	0.7	46.6	60	1.6	11.5	0.2	203
8310	201 3296	95	0.12	12.0	0.6	0.4	51.4	50	1.4	13.0	< 0.2	152
8311	201 3296	< 5	0.06	8.0	< 0.2	0.2	59.8	30	0.8	8.5	< 0.2	153
8312	201 3296	< 5	0.58	178.0	0.8	< 0.1	56.2	60	14.0	34.0	4.6	334
8313	201 3296	< 5	0.12	17.6	< 0.2	0.8	73.0	120	0.4	6.0	< 0.2	144
8314	201 3296	< 5	0.06	46.6	0.2	0.1	174.0	10	0.6	4.0	< 0.2	98
8315	201 3296	< 5	0.06	6.8	< 0.2	< 0.1	42.0	20	0.6	9.0	< 0.2	89
8316	201 3296	< 5	< 0.02	< 0.2	< 0.2	0.2	5.4	30	< 0.2	1.0	1.4	5
8317	201 3296	< 5	0.14	3.2	< 0.2	0.3	39.6	50	0.4	8.0	< 0.2	142
8318	201 3296	< 5	0.08	4.4	< 0.2	1.6	44.6	60	0.6	9.5	< 0.2	345
8319	201 3296	< 5	0.06	6.0	< 0.2	0.3	34.2	30	0.6	9.0	< 0.2	176
8320	201 3296	< 5	0.20	14.0	0.2	0.8	57.4	50	2.8	20.5	< 0.2	240
8321	201 3296	< 5	0.30	18.0	0.2	1.6	80.6	80	3.4	18.0	< 0.2	417
8322	201 3296	130	0.04	106.0	0.2	0.4	136.5	10	0.6	7.5	< 0.2	65
8323	201 3296	20	0.34	34.0	0.4	0.3	43.0	10	14.6	10.0	5.8	133
8324	201 3296	< 5	1.38	7.6	0.4	1.5	263	80	1.2	34.5	0.8	111
8325	201 3296	< 5	1.10	7.0	0.6	1.9	182.5	10	9.2	10.0	0.8	96
8326	201 3296	< 5	0.16	30.2	0.2	0.1	86.2	10	2.0	17.0	< 0.2	175
8327	201 3296	15	0.20	68.6	< 0.2	0.1	27.0	10	0.2	7.0	0.2	90
8328	201 3296	< 5	0.48	9.4	0.2	0.4	59.2	10	1.2	19.0	0.6	81
8329	201 3296	< 5	0.40	16.4	0.2	0.5	27.6	30	2.6	176.0	< 0.2	200
8330	201 3296	905	0.24	16.8	0.4	1.1	76.6	30	0.2	14.0	< 0.2	32
8350	201 3296	< 5	0.18	11.0	0.2	0.1	40.2	30	3.4	14.5	< 0.2	62
8351	201 3296	< 5	0.36	22.2	0.2	0.1	81.6	10	4.4	11.0	< 0.2	144
8352	201 3296	< 5	0.88	32.8	0.2	< 0.1	60.4	20	2.4	10.0	< 0.2	71
8353	201 3296	< 5	6.86	51.4	0.6	< 0.1	99.8	110	14.0	33.5	3.4	174
8354	201 3296	< 5	0.38	4.6	< 0.2	0.1	12.4	10	1.0	7.0	< 0.2	25
8355	201 3296	< 5	0.08	6.4	< 0.2	< 0.1	41.0	20	0.8	9.0	< 0.2	66
8356	201 3296	< 5	0.06	3.6	0.2	< 0.1	46.8	10	0.6	9.0	< 0.2	61
8357	201 3296	< 5	0.06	22.8	0.4	0.1	180.0	40	2.2	9.0	< 0.2	140
8358	201 3296	< 5	0.04	2.4	< 0.2	0.1	23.8	10	0.4	8.5	< 0.2	64
8359	201 3296	< 5	0.08	2.0	0.2	0.1	26.0	30	0.4	8.5	< 0.2	80

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

A9520190

Comments: ATTN: M. ROSATELLI

CERTIFICATE A9520190

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 5-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	131	Dry, sieve to -80 mesh
3296	131	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	131	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1941	131	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	131	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	131	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	131	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	131	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	131	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	131	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	131	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	131	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	131	Zn ppm: Ultra trace package	EXT-ICP	1	5000

12 -07- 1995

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CERTIFICATE OF ANALYSIS A9520190

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm			
8360	203296	< 5	0.14	27.8	0.4	0.1	52.8	10	5.2	10.0	0.4	107			
8361	203296	< 5	0.16	41.8	0.2	0.1	36.0	< 10	3.8	16.5	0.6	73			
8362	203296	< 5	0.20	55.8	0.2	0.2	58.0	10	0.8	7.0	< 0.2	99			
8363	203296	< 5	0.12	13.8	< 0.2	0.1	133.0	10	1.4	8.0	< 0.2	96			
8364	203296	< 5	0.02	42.8	0.2	0.2	121.5	10	0.4	3.5	1.0	78			
8365	203296	15	0.52	22.4	0.4	< 0.1	105.5	30	5.4	26.5	1.2	106			
8366	203296	< 5	0.26	10.0	0.4	< 0.1	22.0	20	1.6	6.0	< 0.2	37			
8367	203296	< 5	0.14	20.2	0.4	< 0.1	33.2	10	1.8	10.0	< 0.2	51			
8368	203296	< 5	0.18	1.8	< 0.2	0.1	9.6	10	0.8	7.5	< 0.2	16			
8369	203296	< 5	0.26	21.6	0.8	0.1	78.6	20	7.0	13.0	1.8	88			
8370	203296	< 5	0.70	11.4	0.4	0.9	227	50	0.6	16.5	< 0.2	42			
8371	203296	< 5	0.30	1.8	< 0.2	1.1	148.5	30	0.4	10.5	< 0.2	35			
8372	203296	< 5	0.50	25.4	2.0	0.1	229	50	6.2	44.5	2.0	67			
8373	203296	< 5	0.14	19.8	0.2	0.1	41.0	10	3.0	12.0	0.2	57			
8374	203296	< 5	0.10	2.0	0.4	0.2	53.2	10	0.8	10.5	< 0.2	93			
8375	203296	< 5	0.18	7.6	0.4	0.8	154.5	30	1.8	12.0	0.2	75			
8376	203296	< 5	0.18	29.8	0.2	0.6	197.5	50	3.0	14.0	< 0.2	212			
8377	203296	< 5	0.04	3.2	0.2	0.1	23.0	30	0.4	8.5	< 0.2	70			
8378	203296	< 5	0.22	74.4	1.8	0.1	110.5	50	12.0	34.0	4.0	127			
8379	203296	< 5	0.14	5.6	0.2	0.1	93.0	40	0.6	13.0	< 0.2	94			
8380	203296	< 5	0.32	0.8	0.4	0.4	67.8	20	0.2	7.5	< 0.2	53			
8381	203296	< 5	0.32	20.6	0.4	0.1	106.0	80	2.8	19.0	0.4	88			
8382	203296	< 5	0.22	41.0	0.6	0.4	40.2	20	0.2	7.5	0.4	75			
8383	203296	< 5	0.06	2.2	0.2	< 0.1	36.6	10	1.6	19.0	< 0.2	87			
8384	203296	< 5	1.00	26.8	0.2	0.1	119.0	60	3.6	16.5	0.8	110			
8385	203296	< 5	0.70	4.2	0.2	0.2	126.0	20	0.6	14.0	< 0.2	78			
8386	203296	< 5	1.86	13.6	1.6	1.0	166.0	90	3.2	29.5	< 0.2	112			
8387	203296	< 5	0.36	9.2	0.2	1.1	59.0	20	4.4	13.5	0.8	62			
8388	203296	< 5	0.70	38.2	0.6	0.3	59.4	40	30.6	19.5	6.2	150			
8389	203296	< 5	0.10	4.2	0.2	< 0.1	44.2	40	1.2	10.5	< 0.2	84			
8390	203296	< 5	0.18	120.0	0.6	0.3	315	30	0.2	5.0	< 0.2	71			
8391	203296	< 5	0.06	6.4	0.2	0.1	28.8	40	0.6	9.0	< 0.2	79			
8392	203296	< 5	0.08	5.6	0.4	0.2	33.6	60	0.6	8.0	0.2	79			
8393	203296	< 5	0.50	5.2	1.0	0.5	313	80	4.8	36.0	< 0.2	502			
8394	203296	< 5	0.18	70.2	0.8	0.1	137.5	30	1.8	15.5	0.6	86			
8395	203296	< 5	0.30	146.0	2.8	< 0.1	150.5	10	16.0	21.0	2.2	282			
8396	203296	< 5	0.18	44.4	0.8	1.0	468	50	0.4	4.0	< 0.2	50			
8397	203296	< 5	0.24	8.2	0.4	1.7	122.0	100	0.6	12.5	< 0.2	73			
8398	203296	< 5	0.10	32.4	0.6	0.1	65.8	10	2.6	10.0	< 0.2	78			
8399	203296	< 5	0.14	30.6	0.4	0.1	140.5	20	2.0	6.5	< 0.2	99			

CERTIFICATION: Ivan Bidder

Chemex Labs Ltd.

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P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Certificate Date: 05-JUL-95
Invoice No. :I9520190
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9520190

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8500	2013296	< 5	0.74	23.4	1.0	1.1	88.6	80	1.8	20.0	< 0.2	127
8501	2013296	< 5	0.04	4.4	< 0.2	0.1	32.8	20	0.4	7.0	< 0.2	64
8502	2013296	< 5	0.06	3.0	< 0.2	< 0.1	27.6	40	0.4	7.5	< 0.2	62
8503	2013296	< 5	0.04	3.2	0.4	< 0.1	25.0	30	0.4	9.0	< 0.2	57
8504	2013296	< 5	0.20	3.2	1.4	0.3	46.4	100	0.6	10.0	< 0.2	84
8505	2013296	< 5	0.04	2.0	0.2	< 0.1	20.8	20	0.4	8.5	< 0.2	62
8506	2013296	< 5	0.08	1.8	0.2	0.1	26.4	50	0.4	8.5	< 0.2	71
8507	2013296	< 5	0.02	2.0	0.2	< 0.1	22.0	20	0.4	8.0	< 0.2	61
8508	2013296	< 5	0.04	2.8	0.2	< 0.1	20.2	20	0.2	8.0	< 0.2	60
8509	2013296	< 5	0.04	2.0	< 0.2	< 0.1	21.0	30	0.4	8.0	< 0.2	58
8510	2013296	< 5	0.04	2.2	< 0.2	< 0.1	17.8	20	0.4	6.0	0.2	51
8511	2013296	< 5	0.06	2.8	0.2	0.2	27.0	30	0.4	8.5	< 0.2	91
8512	2013296	< 5	0.12	10.8	0.8	0.4	61.0	30	1.2	8.5	< 0.2	94
8513	2013296	< 5	0.04	2.4	< 0.2	< 0.1	19.2	20	0.2	7.5	< 0.2	53
8514	2013296	< 5	0.04	2.0	0.2	< 0.1	20.2	20	0.2	8.0	< 0.2	55
8515	2013296	< 5	0.04	2.4	0.2	< 0.1	19.0	30	0.4	7.5	< 0.2	48
8516	2013296	< 5	0.06	3.2	0.2	< 0.1	23.6	40	0.4	8.0	< 0.2	56
8517	2013296	< 5	0.04	2.8	0.4	< 0.1	19.4	20	0.6	7.0	< 0.2	48
8518	2013296	< 5	0.04	2.0	0.2	< 0.1	20.6	20	0.4	6.5	< 0.2	102
8519	2013296	< 5	0.04	1.6	0.2	0.1	16.0	20	0.4	7.0	< 0.2	81
8520	2013296	< 5	0.06	1.8	< 0.2	0.1	23.2	30	0.4	8.0	< 0.2	70
8521	2013296	< 5	< 0.02	2.8	0.2	< 0.1	6.6	10	0.4	5.0	< 0.2	47
8522	2013296	< 5	< 0.02	2.2	< 0.2	< 0.1	2.8	10	0.4	4.5	< 0.2	25
8523	2013296	< 5	< 0.02	1.2	< 0.2	< 0.1	3.0	10	0.2	4.5	< 0.2	21
8524	2013296	< 5	0.02	1.6	< 0.2	< 0.1	12.2	10	0.2	5.5	< 0.2	37
8525	2013296	< 5	< 0.02	1.4	< 0.2	< 0.1	3.8	10	0.2	4.0	< 0.2	23
8526	2013296	< 5	< 0.02	1.2	< 0.2	< 0.1	3.4	10	0.4	4.5	< 0.2	28
8527	2013296	< 5	< 0.02	0.8	< 0.2	< 0.1	9.4	10	0.2	4.5	< 0.2	42
8528	2013296	< 5	0.04	2.2	< 0.2	< 0.1	20.2	30	0.4	7.5	< 0.2	90
8529	2013296	< 5	0.02	1.6	0.2	0.1	18.0	20	0.4	7.0	< 0.2	104
8530	2013296	< 5	0.02	2.0	< 0.2	< 0.1	18.2	20	0.4	6.5	< 0.2	110
8531	2013296	< 5	0.02	2.4	< 0.2	0.1	20.8	30	0.4	6.0	< 0.2	129
8532	2013296	< 5	0.04	2.6	< 0.2	0.1	20.2	30	0.4	7.0	< 0.2	97
8533	2013296	< 5	0.02	2.2	0.4	0.1	16.0	20	0.4	6.5	< 0.2	58
8534	2013296	< 5	0.04	2.4	< 0.2	0.1	17.6	20	0.6	7.0	< 0.2	73
8535	2013296	< 5	0.04	2.2	< 0.2	0.1	18.4	30	0.6	7.5	< 0.2	68
8536	2013296	< 5	0.02	2.4	0.2	< 0.1	14.4	10	0.4	7.0	< 0.2	43
8537	2013296	< 5	0.56	119.5	1.8	0.6	32.8	200	30.0	46.0	12.8	34
8538	2013296	< 5	0.02	4.0	0.2	0.1	22.2	30	0.8	7.5	< 0.2	99
8539	2013296	< 5	< 0.02	2.2	0.2	< 0.1	13.6	10	0.4	6.0	< 0.2	36

CERTIFICATION: Stan Bichler

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8540	203296	< 5	0.04	2.4	< 0.2	0.2	21.4	40	1.2	7.5	< 0.2	82
8541	203296	< 5	0.02	2.4	< 0.2	< 0.1	17.4	20	0.4	7.0	< 0.2	69
8542	203296	< 5	0.02	2.2	< 0.2	< 0.1	12.0	20	0.2	4.5	< 0.2	32
8543	203296	< 5	0.04	2.8	< 0.2	0.2	22.8	30	0.4	8.5	< 0.2	126
8544	203296	< 5	0.04	2.4	0.2	0.1	24.8	30	0.4	8.5	< 0.2	108
8545	203296	< 5	0.02	2.0	< 0.2	0.2	20.2	30	0.4	7.0	< 0.2	96
8546	203296	< 5	0.02	4.4	0.2	0.2	26.8	30	0.6	7.5	1.8	134
8547	203296	< 5	0.12	1.4	0.2	0.3	19.4	50	0.4	6.5	< 0.2	97
8548	203296	< 5	0.04	2.4	0.2	0.1	21.2	40	0.4	6.5	< 0.2	124
8549	203296	< 5	0.04	3.0	0.2	0.1	19.6	20	0.4	6.0	< 0.2	115
8550	203296	< 5	0.02	2.6	< 0.2	< 0.1	18.0	20	0.4	5.5	< 0.2	108
8551	203296	< 5	0.02	3.2	< 0.2	< 0.1	22.8	30	0.4	6.5	< 0.2	115
8552	203296	< 5	0.02	2.6	< 0.2	< 0.1	19.2	30	0.4	6.0	< 0.2	131
8553	203296	< 5	0.02	2.2	0.2	0.1	19.8	30	0.4	5.5	< 0.2	113
8554	203296	< 5	0.04	2.6	0.2	0.1	18.2	30	0.4	5.0	< 0.2	124
8555	203296	< 5	0.04	3.4	< 0.2	0.2	22.4	30	0.4	8.0	< 0.2	109
8556	203296	< 5	0.02	2.8	< 0.2	< 0.1	14.8	10	0.4	4.5	0.2	50
8557	203296	< 5	0.02	2.0	< 0.2	< 0.1	12.6	20	0.2	6.0	0.2	44
8558	203296	< 5	0.04	3.4	0.2	< 0.1	20.4	30	0.4	7.0	< 0.2	82
8559	203296	< 5	0.36	3.0	0.4	0.9	62.8	60	0.4	11.5	< 0.2	13
8560	203296	< 5	0.20	32.4	0.6	0.3	119.5	30	4.0	17.5	0.2	133
8561	203296	< 5	0.22	17.2	0.4	0.2	100.5	50	1.4	9.0	< 0.2	60
8562	203296	< 5	0.14	3.8	0.2	0.1	30.6	20	0.4	6.5	< 0.2	59
8563	203296	< 5	0.24	6.4	0.2	0.2	47.2	20	0.6	4.0	< 0.2	138
8564	203296	< 5	0.10	13.2	0.4	< 0.1	43.4	10	4.2	7.0	0.6	74
8565	203296	< 5	0.06	2.8	0.2	< 0.1	22.2	30	0.4	7.0	< 0.2	63
8566	203296	< 5	0.12	9.4	0.2	0.1	39.6	30	0.8	11.5	< 0.2	108
8567	203296	< 5	0.14	3.6	0.4	0.1	33.4	20	0.4	8.0	< 0.2	101
8568	203296	< 5	0.14	2.4	0.2	0.1	26.2	30	0.4	6.5	< 0.2	59
8569	203296	< 5	0.24	4.8	0.2	< 0.1	26.2	40	0.8	11.0	< 0.2	34
8570	203296	< 5	0.02	4.8	0.4	< 0.1	28.2	10	0.6	8.5	< 0.2	97
8571	203296	< 5	0.04	4.0	0.2	< 0.1	23.0	20	0.4	7.0	< 0.2	57
8572	203296	< 5	0.04	3.0	0.2	< 0.1	21.6	20	0.2	8.0	< 0.2	53
8573	203296	< 5	0.06	5.6	0.2	< 0.1	30.2	30	0.4	9.0	< 0.2	69
8574	203296	< 5	0.02	3.6	0.2	0.2	23.4	40	0.4	7.0	< 0.2	107
8575	203296	< 5	0.04	3.2	0.2	< 0.1	19.2	20	0.4	6.5	< 0.2	66
8576	203296	< 5	0.04	2.4	0.2	< 0.1	18.2	30	0.4	6.5	< 0.2	77
8577	203296	< 5	0.04	3.0	0.2	< 0.1	27.4	20	0.4	7.0	< 0.2	96
8578	203296	< 5	0.04	3.4	0.2	< 0.1	21.2	20	0.4	7.0	< 0.2	101
8579	203296	< 5	0.02	2.6	< 0.2	< 0.1	12.4	10	0.4	4.5	< 0.2	36

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8580	201 3296	< 5	0.02	4.4	0.2	< 0.1	15.0	20	0.6	5.0	< 0.2	42
8581	201 3296	< 5	0.02	2.8	0.2	< 0.1	12.2	10	0.2	4.5	< 0.2	31
8582	201 3296	< 5	0.02	3.2	0.2	< 0.1	20.6	10	0.4	6.5	< 0.2	85
8583	201 3296	< 5	< 0.02	2.8	< 0.2	< 0.1	13.4	10	0.4	5.5	< 0.2	55
8584	201 3296	< 5	0.02	2.2	0.2	0.1	10.4	10	0.4	5.0	< 0.2	61
8585	201 3296	< 5	0.04	3.8	0.4	0.1	24.8	10	0.4	8.5	< 0.2	157
8586	201 3296	< 5	0.02	2.6	0.2	< 0.1	12.0	10	0.4	5.5	< 0.2	41
8587	201 3296	< 5	0.04	3.6	0.4	0.1	16.2	30	1.0	5.5	< 0.2	58
8588	201 3296	< 5	0.02	3.6	0.2	< 0.1	11.0	10	0.2	4.5	< 0.2	41
8589	201 3296	< 5	0.02	2.0	0.2	< 0.1	10.4	10	0.2	4.0	< 0.2	42
8590	201 3296	< 5	0.02	2.6	0.2	0.1	17.6	30	0.4	5.5	< 0.2	76

CERTIFICATION: Ian Pitcher

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M. ROSATELLI

Page Number :1
Total Pages :4
Certificate Date: 05-JUL-95
Invoice No. :I9520190
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9520190

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8360	203296	< 5	0.14	27.8	0.4	0.1	52.8	10	5.2	10.0	0.4	107
8361	203296	< 5	0.16	41.8	0.2	0.1	36.0	< 10	3.8	16.5	0.6	73
8362	203296	< 5	0.20	55.8	0.2	0.2	58.0	10	0.8	7.0	< 0.2	99
8363	203296	< 5	0.12	13.8	< 0.2	0.1	133.0	10	1.4	8.0	< 0.2	96
8364	203296	< 5	0.02	42.8	0.2	0.2	121.5	10	0.4	3.5	1.0	78
8365	203296	15	0.52	22.4	0.4	< 0.1	105.5	30	5.4	26.5	1.2	106
8366	203296	< 5	0.26	10.0	0.4	< 0.1	22.0	20	1.6	6.0	< 0.2	37
8367	203296	< 5	0.14	20.2	0.4	< 0.1	33.2	10	1.8	10.0	< 0.2	51
8368	203296	< 5	0.18	1.8	< 0.2	0.1	9.6	10	0.8	7.5	< 0.2	16
8369	203296	< 5	0.26	21.6	0.8	0.1	78.6	20	7.0	13.0	1.8	88
8370	203296	< 5	0.70	11.4	0.4	0.9	227	50	0.6	16.5	< 0.2	42
8371	203296	< 5	0.30	1.8	< 0.2	1.1	148.5	30	0.4	10.5	< 0.2	35
8372	203296	< 5	0.50	25.4	2.0	0.1	229	50	6.2	44.5	2.0	67
8373	203296	< 5	0.14	19.8	0.2	0.1	41.0	10	3.0	12.0	0.2	57
8374	203296	< 5	0.10	2.0	0.4	0.2	53.2	10	0.8	10.5	< 0.2	93
8375	203296	< 5	0.18	7.6	0.4	0.8	154.5	30	1.8	12.0	0.2	75
8376	203296	< 5	0.18	29.8	0.2	0.6	197.5	50	3.0	14.0	< 0.2	212
8377	203296	< 5	0.04	3.2	0.2	0.1	23.0	30	0.4	8.5	< 0.2	70
8378	203296	< 5	0.22	74.4	1.8	0.1	110.5	50	12.0	34.0	4.0	127
8379	203296	< 5	0.14	5.6	0.2	0.1	93.0	40	0.6	13.0	< 0.2	94
8380	203296	< 5	0.32	0.8	0.4	0.4	67.8	20	0.2	7.5	< 0.2	53
8381	203296	< 5	0.32	20.6	0.4	0.1	106.0	80	2.8	19.0	0.4	88
8382	203296	< 5	0.22	41.0	0.6	0.4	40.2	20	0.2	7.5	0.4	75
8383	203296	< 5	0.06	2.2	0.2	< 0.1	36.6	10	1.6	19.0	< 0.2	87
8384	203296	< 5	1.00	26.8	0.2	0.1	119.0	60	3.6	16.5	0.8	110
8385	203296	< 5	0.70	4.2	0.2	0.2	126.0	20	0.6	14.0	< 0.2	78
8386	203296	< 5	1.86	13.6	1.6	1.0	166.0	90	3.2	29.5	< 0.2	112
8387	203296	< 5	0.36	9.2	0.2	1.1	59.0	20	4.4	13.5	0.8	62
8388	203296	< 5	0.70	38.2	0.6	0.3	59.4	40	30.6	19.5	6.2	150
8389	203296	< 5	0.10	4.2	0.2	< 0.1	44.2	40	1.2	10.5	< 0.2	84
8390	203296	< 5	0.18	120.0	0.6	0.3	315	30	0.2	5.0	< 0.2	71
8391	203296	< 5	0.06	6.4	0.2	0.1	28.8	40	0.6	9.0	< 0.2	79
8392	203296	< 5	0.08	5.6	0.4	0.2	33.6	60	0.6	8.0	0.2	79
8393	203296	< 5	0.50	5.2	1.0	0.5	313	80	4.8	36.0	< 0.2	502
8394	203296	< 5	0.18	70.2	0.8	0.1	137.5	30	1.8	15.5	0.6	86
8395	203296	< 5	0.30	146.0	2.8	< 0.1	150.5	10	16.0	21.0	2.2	282
8396	203296	< 5	0.18	44.4	0.8	1.0	468	50	0.4	4.0	< 0.2	50
8397	203296	< 5	0.24	8.2	0.4	1.7	122.0	100	0.6	12.5	< 0.2	73
8398	203296	< 5	0.10	32.4	0.6	0.1	65.8	10	2.6	10.0	< 0.2	78
8399	203296	< 5	0.14	30.6	0.4	0.1	140.5	20	2.0	6.5	< 0.2	99

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
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8360	203296	< 5	0.14	27.8	0.4	0.1	52.8	10	5.2	10.0	0.4	107
8361	203296	< 5	0.16	41.8	0.2	0.1	36.0	< 10	3.8	16.5	0.6	73
8362	203296	< 5	0.20	55.8	0.2	0.2	58.0	10	0.8	7.0	< 0.2	99
8363	203296	< 5	0.12	13.8	< 0.2	0.1	133.0	10	1.4	8.0	< 0.2	96
8364	203296	< 5	0.02	42.8	0.2	0.2	121.5	10	0.4	3.5	1.0	78
8365	203296	15	0.52	22.4	0.4	< 0.1	105.5	30	5.4	26.5	1.2	106
8366	203296	< 5	0.26	10.0	0.4	< 0.1	22.0	20	1.6	6.0	< 0.2	37
8367	203296	< 5	0.14	20.2	0.4	< 0.1	33.2	10	1.8	10.0	< 0.2	51
8368	203296	< 5	0.18	1.8	< 0.2	0.1	9.6	10	0.8	7.5	< 0.2	16
8369	203296	< 5	0.26	21.6	0.8	0.1	78.6	20	7.0	13.0	1.8	88
8370	203296	< 5	0.70	11.4	0.4	0.9	227	50	0.6	16.5	< 0.2	42
8371	203296	< 5	0.30	1.8	< 0.2	1.1	148.5	30	0.4	10.5	< 0.2	35
8372	203296	< 5	0.50	25.4	2.0	0.1	229	50	6.2	44.5	2.0	67
8373	203296	< 5	0.14	19.8	0.2	0.1	41.0	10	3.0	12.0	0.2	57
8374	203296	< 5	0.10	2.0	0.4	0.2	53.2	10	0.8	10.5	< 0.2	93
8375	203296	< 5	0.18	7.6	0.4	0.8	154.5	30	1.8	12.0	0.2	75
8376	203296	< 5	0.18	29.8	0.2	0.6	197.5	50	3.0	14.0	< 0.2	212
8377	203296	< 5	0.04	3.2	0.2	0.1	23.0	30	0.4	8.5	< 0.2	70
8378	203296	< 5	0.22	74.4	1.8	0.1	110.5	50	12.0	34.0	4.0	127
8379	203296	< 5	0.14	5.6	0.2	0.1	93.0	40	0.6	13.0	< 0.2	94
8380	203296	< 5	0.32	0.8	0.4	0.4	67.8	20	0.2	7.5	< 0.2	53
8381	203296	< 5	0.32	20.6	0.4	0.1	106.0	80	2.8	19.0	0.4	88
8382	203296	< 5	0.22	41.0	0.6	0.4	40.2	20	0.2	7.5	0.4	75
8383	203296	< 5	0.06	2.2	0.2	< 0.1	36.6	10	1.6	19.0	< 0.2	87
8384	203296	< 5	1.00	26.8	0.2	0.1	119.0	60	3.6	16.5	0.8	110
8385	203296	< 5	0.70	4.2	0.2	0.2	126.0	20	0.6	14.0	< 0.2	78
8386	203296	< 5	1.86	13.6	1.6	1.0	166.0	90	3.2	29.5	< 0.2	112
8387	203296	< 5	0.36	9.2	0.2	1.1	59.0	20	4.4	13.5	0.8	62
8388	203296	< 5	0.70	38.2	0.6	0.3	59.4	40	30.6	19.5	6.2	150
8389	203296	< 5	0.10	4.2	0.2	< 0.1	44.2	40	1.2	10.5	< 0.2	84
8390	203296	< 5	0.18	120.0	0.6	0.3	315	30	0.2	5.0	< 0.2	71
8391	203296	< 5	0.06	6.4	0.2	0.1	28.8	40	0.6	9.0	< 0.2	79
8392	203296	< 5	0.08	5.6	0.4	0.2	33.6	60	0.6	8.0	0.2	79
8393	203296	< 5	0.50	5.2	1.0	0.5	313	80	4.8	36.0	< 0.2	502
8394	203296	< 5	0.18	70.2	0.8	0.1	137.5	30	1.8	15.5	0.6	86
8395	203296	< 5	0.30	146.0	2.8	< 0.1	150.5	10	16.0	21.0	2.2	282
8396	203296	< 5	0.18	44.4	0.8	1.0	468	50	0.4	4.0	< 0.2	50
8397	203296	< 5	0.24	8.2	0.4	1.7	122.0	100	0.6	12.5	< 0.2	73
8398	203296	< 5	0.10	32.4	0.6	0.1	65.8	10	2.6	10.0	< 0.2	78
8399	203296	< 5	0.14	30.6	0.4	0.1	140.5	20	2.0	6.5	< 0.2	99

CERTIFICATION: _____

8526	203296	< 5	< 0.02	1.2	< 0.2	< 0.1	

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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M5J 2S1

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CERTIFICATE OF ANALYSIS A9520190

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8540	203296	< 5	0.04	2.4	< 0.2	0.2	21.4	40	1.2	7.5	< 0.2	82
8541	203296	< 5	0.02	2.4	< 0.2	< 0.1	17.4	20	0.4	7.0	< 0.2	69
8542	203296	< 5	0.02	2.2	< 0.2	< 0.1	12.0	20	0.2	4.5	< 0.2	32
8543	203296	< 5	0.04	2.8	< 0.2	0.2	22.8	30	0.4	8.5	< 0.2	126
8544	203296	< 5	0.04	2.4	0.2	0.1	24.8	30	0.4	8.5	< 0.2	108
8545	203296	< 5	0.02	2.0	< 0.2	0.2	20.2	30	0.4	7.0	< 0.2	96
8546	203296	< 5	0.02	4.4	0.2	0.2	26.8	30	0.6	7.5	1.8	134
8547	203296	< 5	0.12	1.4	0.2	0.3	19.4	50	0.4	6.5	< 0.2	97
8548	203296	< 5	0.04	2.4	0.2	0.1	21.2	40	0.4	6.5	< 0.2	124
8549	203296	< 5	0.04	3.0	0.2	0.1	19.6	20	0.4	6.0	< 0.2	115
8550	203296	< 5	0.02	2.6	< 0.2	< 0.1	18.0	20	0.4	5.5	< 0.2	108
8551	203296	< 5	0.02	3.2	< 0.2	< 0.1	22.8	30	0.4	6.5	< 0.2	115
8552	203296	< 5	0.02	2.6	< 0.2	< 0.1	19.2	30	0.4	6.0	< 0.2	131
8553	203296	< 5	0.02	2.2	0.2	0.1	19.8	30	0.4	5.5	< 0.2	113
8554	203296	< 5	0.04	2.6	0.2	0.1	18.2	30	0.4	5.0	< 0.2	124
8555	203296	< 5	0.04	3.4	< 0.2	0.2	22.4	30	0.4	8.0	< 0.2	109
8556	203296	< 5	0.02	2.8	< 0.2	< 0.1	14.8	10	0.4	4.5	0.2	50
8557	203296	< 5	0.02	2.0	< 0.2	< 0.1	12.6	20	0.2	6.0	0.2	44
8558	203296	< 5	0.04	3.4	0.2	< 0.1	20.4	30	0.4	7.0	< 0.2	82
8559	203296	< 5	0.36	3.0	0.4	0.9	62.8	60	0.4	11.5	< 0.2	13
8560	203296	< 5	0.20	32.4	0.6	0.3	119.5	30	4.0	17.5	0.2	133
8561	203296	< 5	0.22	17.2	0.4	0.2	100.5	50	1.4	9.0	< 0.2	60
8562	203296	< 5	0.14	3.8	0.2	0.1	30.6	20	0.4	6.5	< 0.2	59
8563	203296	< 5	0.24	6.4	0.2	0.2	47.2	20	0.6	4.0	< 0.2	138
8564	203296	< 5	0.10	13.2	0.4	< 0.1	43.4	10	4.2	7.0	0.6	74
8565	203296	< 5	0.06	2.8	0.2	< 0.1	22.2	30	0.4	7.0	< 0.2	63
8566	203296	< 5	0.12	9.4	0.2	0.1	39.6	30	0.8	11.5	< 0.2	108
8567	203296	< 5	0.14	3.6	0.4	0.1	33.4	20	0.4	8.0	< 0.2	101
8568	203296	< 5	0.14	2.4	0.2	0.1	26.2	30	0.4	6.5	< 0.2	59
8569	203296	< 5	0.24	4.8	0.2	< 0.1	26.2	40	0.8	11.0	< 0.2	34
8570	203296	< 5	0.02	4.8	0.4	< 0.1	28.2	10	0.6	8.5	< 0.2	97
8571	203296	< 5	0.04	4.0	0.2	< 0.1	23.0	20	0.4	7.0	< 0.2	57
8572	203296	< 5	0.04	3.0	0.2	< 0.1	21.6	20	0.2	8.0	< 0.2	53
8573	203296	< 5	0.06	5.6	0.2	< 0.1	30.2	30	0.4	9.0	< 0.2	69
8574	203296	< 5	0.02	3.6	0.2	0.2	23.4	40	0.4	7.0	< 0.2	107
8575	203296	< 5	0.04	3.2	0.2	< 0.1	19.2	20	0.4	6.5	< 0.2	66
8576	203296	< 5	0.04	2.4	0.2	< 0.1	18.2	30	0.4	6.5	< 0.2	77
8577	203296	< 5	0.04	3.0	0.2	< 0.1	27.4	20	0.4	7.0	< 0.2	96
8578	203296	< 5	0.04	3.4	0.2	< 0.1	21.2	20	0.4	7.0	< 0.2	101
8579	203296	< 5	0.02	2.6	< 0.2	< 0.1	12.4	10	0.4	4.5	< 0.2	36

CERTIFICATION: _____

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8580	203296	< 5	0.02	4.4	0.2	< 0.1	15.0	20	0.6	5.0	< 0.2	42
8581	203296	< 5	0.02	2.8	0.2	< 0.1	12.2	10	0.2	4.5	< 0.2	31
8582	203296	< 5	0.02	3.2	0.2	< 0.1	20.6	10	0.4	6.5	< 0.2	85
8583	203296	< 5	< 0.02	2.8	< 0.2	< 0.1	13.4	10	0.4	5.5	< 0.2	55
8584	203296	< 5	0.02	2.2	0.2	0.1	10.4	10	0.4	5.0	< 0.2	61
8585	203296	< 5	0.04	3.8	0.4	0.1	24.8	10	0.4	8.5	< 0.2	157
8586	203296	< 5	0.02	2.6	0.2	< 0.1	12.0	10	0.4	5.5	< 0.2	41
8587	203296	< 5	0.04	3.6	0.4	0.1	16.2	30	1.0	5.5	< 0.2	58
8588	203296	< 5	0.02	3.6	0.2	< 0.1	11.0	10	0.2	4.5	< 0.2	41
8589	203296	< 5	0.02	2.0	0.2	< 0.1	10.4	10	0.2	4.0	< 0.2	42
8590	203296	< 5	0.02	2.6	0.2	0.1	17.6	30	0.4	5.5	< 0.2	76

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P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

A9521472

Comments: ATTN: M.ROSATELLI

CERTIFICATE A9521472

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	106	Dry, sieve to -80 mesh
3296	106	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	106	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1941	106	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	106	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	106	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	106	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	106	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	106	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	106	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	106	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	106	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	106	Zn ppm: Ultra trace package	EXT-ICP	1	5000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M.ROSATELLI

Page Number :1
Total Pages :3
Certificate Date: 17-JUL-95
Invoice No. :I9521472
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9521472

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8276	203296	< 5	0.12	3.2	0.2	0.1	14.2	40	0.6	6.0	< 0.2	18
8277	203296	< 5	0.30	2.6	< 0.2	2.2	22.8	150	0.4	5.5	0.4	54
8278	203296	< 5	0.54	0.2	< 0.2	0.8	7.0	120	0.4	1.0	< 0.2	18
8279	203296	< 5	0.24	6.6	0.2	0.1	14.0	350	1.6	12.0	0.2	11
8280	203296	< 5	0.44	17.6	0.4	0.4	63.6	270	3.4	15.5	0.2	219
8281	203296	< 5	0.06	4.0	< 0.2	< 0.1	24.0	40	0.4	8.5	< 0.2	77
8282	203296	< 5	0.04	2.0	0.2	< 0.1	5.6	< 10	0.4	5.5	< 0.2	34
8283	203296	< 5	0.04	2.2	0.2	< 0.1	18.2	10	0.4	7.5	< 0.2	64
8284	203296	< 5	0.22	16.8	0.4	0.8	51.6	90	4.2	10.5	< 0.2	196
8285	203296	< 5	< 0.02	2.0	0.2	< 0.1	10.6	10	0.2	5.0	< 0.2	40
8286	203296	< 5	0.24	0.4	0.2	0.4	36.6	240	0.2	2.0	0.4	17
8287	203296	< 5	0.40	1.4	< 0.2	1.1	47.8	140	0.4	4.5	0.2	40
8288	203296	< 5	0.08	4.8	< 0.2	0.2	23.0	30	1.4	7.0	< 0.2	99
8289	203296	< 5	0.04	0.6	0.2	0.2	7.4	80	0.4	1.0	0.2	4
8290	203296	< 5	< 0.02	9.2	6.2	< 0.1	16.2	10	< 0.2	7.5	0.2	22
8291	203296	< 5	< 0.02	1.4	< 0.2	< 0.1	6.4	< 10	0.2	6.5	< 0.2	55
8292	203296	< 5	< 0.02	2.4	0.2	< 0.1	14.8	10	0.2	7.0	< 0.2	45
8293	203296	< 5	0.20	0.6	< 0.2	0.8	39.6	110	0.2	9.0	< 0.2	27
8294	203296	< 5	0.36	1.6	0.2	1.5	36.6	80	0.6	5.5	< 0.2	191
8295	203296	25	0.48	9.0	0.6	2.2	42.2	50	1.8	10.5	0.6	35
8296	203296	< 5	0.26	1.4	< 0.2	0.6	34.4	160	0.6	7.5	0.8	20
8297	203296	< 5	0.16	2.2	0.2	0.8	26.4	140	0.4	7.0	0.2	31
8298	203296	305	0.54	34.0	0.8	2.1	110.5	130	9.4	21.5	0.2	368
8299	203296	< 5	0.14	0.4	< 0.2	0.4	18.4	90	0.8	1.0	0.2	8
8331	203296	< 5	< 0.02	1.2	< 0.2	< 0.1	7.6	< 10	0.2	4.5	< 0.2	31
8332	203296	< 5	0.22	1.2	0.2	1.6	16.2	130	0.6	4.5	< 0.2	11
8333	203296	< 5	0.14	5.0	0.2	0.6	21.2	70	2.0	9.0	< 0.2	149
8334	203296	< 5	0.72	4.4	0.6	3.2	109.0	200	3.2	9.5	0.2	171
8335	203296	< 5	0.02	19.6	0.8	< 0.1	4.0	30	0.2	3.5	< 0.2	18
8336	203296	< 5	0.06	17.8	< 0.2	0.2	127.0	60	0.4	11.0	< 0.2	49
8337	203296	< 5	0.94	0.2	0.2	0.8	130.0	110	0.4	40.5	0.2	8
8338	203296	< 5	0.24	16.6	0.2	0.1	149.0	10	2.0	10.5	0.2	14
8339	203296	< 5	0.18	11.4	0.2	0.1	17.6	20	2.8	15.0	< 0.2	106
8340	203296	35	0.86	26.6	0.2	0.1	105.5	120	6.8	14.0	0.8	102
8341	203296	< 5	0.32	51.4	0.6	< 0.1	44.2	30	5.8	12.5	0.8	111
8342	203296	< 5	0.26	8.6	0.2	0.1	75.6	20	2.6	6.5	0.2	16
8343	203296	< 5	0.16	24.0	0.4	0.2	47.4	100	8.6	29.0	1.6	126
8344	203296	< 5	0.30	10.6	0.2	< 0.1	33.0	50	3.6	15.5	0.2	100
8345	203296	< 5	0.26	9.2	0.6	0.2	85.4	20	3.8	20.0	0.2	117
8346	203296	< 5	0.14	27.0	0.4	1.5	44.6	40	3.2	10.5	0.4	43

CERTIFICATION: Ian Bichler

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8347	203296	< 5	0.30	7.0	0.2	0.1	30.0	90	1.2	11.0	< 0.2	99
8348	203296	< 5	0.08	10.2	0.4	0.1	57.8	20	9.8	17.0	5.0	147
8349	203296	< 5	0.32	53.4	0.4	0.9	384	80	4.0	15.0	0.4	154
8400	203296	< 5	0.24	88.6	1.2	0.4	83.2	90	14.2	21.5	2.8	292
8401	203296	< 5	1.96	112.5	0.6	< 0.1	40.8	350	62.4	41.0	7.8	220
8402	203296	45	4.46	156.0	1.0	< 0.1	77.2	540	83.0	69.5	8.4	501
8403	203296	< 5	0.44	56.4	0.4	1.3	116.0	50	7.4	15.5	< 0.2	301
8404	203296	< 5	1.20	23.2	0.8	1.5	196.0	340	8.4	17.0	2.0	196
8405	203296	< 5	0.86	71.8	0.6	0.1	61.6	160	19.4	33.0	3.0	178
8406	203296	40	2.00	17.0	0.6	0.4	48.4	150	4.4	27.5	6.0	67
8407	203296	< 5	0.04	3.8	0.2	< 0.1	18.8	10	0.6	7.5	< 0.2	55
8408	203296	< 5	0.04	3.0	0.2	0.1	19.4	30	0.6	7.5	< 0.2	71
8409	203296	< 5	0.12	3.8	0.4	0.1	17.8	50	1.4	11.0	< 0.2	79
8410	203296	< 5	0.02	< 0.2	< 0.2	0.1	1.8	40	< 0.2	3.0	< 0.2	6
8411	203296	< 5	0.88	< 0.2	< 0.2	0.4	13.0	140	0.2	2.0	< 0.2	13
8412	203296	< 5	0.02	27.2	2.0	< 0.1	7.4	30	25.0	3.5	< 0.2	36
8413	203296	< 5	0.06	5.0	0.2	< 0.1	7.2	< 10	1.6	6.5	< 0.2	57
8450	203296	< 5	0.60	4.2	0.2	0.9	50.0	150	1.0	4.0	0.2	34
8451	203296	< 5	0.16	1.2	0.2	0.4	29.4	90	0.6	5.5	< 0.2	41
8452	203296	< 5	< 0.02	1.8	< 0.2	< 0.1	10.8	< 10	0.2	4.5	< 0.2	40
8453	203296	< 5	0.02	2.4	< 0.2	< 0.1	5.2	< 10	0.6	4.5	< 0.2	41
8454	203296	< 5	0.02	2.0	0.2	< 0.1	8.4	< 10	0.4	4.5	< 0.2	36
8455	203296	< 5	0.38	23.8	0.2	< 0.1	31.0	70	11.4	14.5	0.4	157
8456	203296	< 5	0.32	81.2	0.8	0.1	58.8	130	21.4	17.5	2.0	166
8457	203296	< 5	0.02	5.8	0.2	< 0.1	9.2	< 10	3.6	5.0	< 0.2	62
8458	203296	< 5	0.88	2.8	0.2	0.9	32.2	180	0.8	3.5	< 0.2	19
8459	203296	< 5	0.10	2.8	0.2	0.8	22.2	40	0.8	6.0	< 0.2	213
8460	203296	< 5	0.08	1.4	0.2	0.2	14.2	70	0.6	2.5	< 0.2	46
8461	203296	45	0.58	12.2	3.2	1.1	37.8	40	0.6	11.5	< 0.2	19
8462	203296	15	0.62	4.2	0.2	0.4	40.4	20	4.0	9.0	0.8	37
8463	203296	45	0.38	17.8	0.4	1.1	112.5	20	4.2	17.0	0.2	108
8464	203296	10	0.24	220	2.4	0.6	68.0	40	1.4	7.5	< 0.2	73
8465	203296	< 5	0.14	6.6	0.2	< 0.1	31.0	30	0.8	8.5	< 0.2	72
8466	203296	< 5	0.06	4.4	0.2	< 0.1	5.8	< 10	0.8	6.5	< 0.2	51
8467	203296	< 5	0.02	1.6	0.2	< 0.1	5.8	< 10	0.4	3.5	< 0.2	26
8468	203296	< 5	< 0.02	1.8	< 0.2	< 0.1	1.8	< 10	0.4	5.0	< 0.2	22
8469	203296	< 5	0.04	3.2	0.2	< 0.1	7.2	30	1.4	6.0	< 0.2	42
8470	203296	< 5	0.08	2.6	0.2	< 0.1	16.2	30	0.6	8.0	< 0.2	44
8471	203296	< 5	0.02	2.8	< 0.2	< 0.1	17.4	20	0.6	8.0	< 0.2	53
8472	203296	< 5	0.22	5.8	0.4	1.5	22.2	40	2.4	7.0	< 0.2	106

CERTIFICATION:

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8473	203296	< 5	0.16	15.8	0.4	0.2	46.6	120	5.8	9.5	< 0.2	170
8474	203296	< 5	0.52	1.8	0.2	1.2	29.4	120	1.4	4.0	< 0.2	35
8475	203296	< 5	0.14	3.4	0.4	0.5	22.4	80	1.2	9.5	< 0.2	193
8476	203296	< 5	0.12	2.0	0.2	0.8	23.4	80	1.0	8.0	< 0.2	170
8477	203296	< 5	0.16	8.0	0.2	0.4	21.6	70	1.4	10.5	< 0.2	218
8478	203296	< 5	0.04	4.0	0.2	< 0.1	24.6	370	0.6	9.0	< 0.2	81
8479	203296	< 5	0.10	5.0	0.6	0.6	24.0	40	1.2	10.5	< 0.2	152
8480	203296	< 5	0.10	6.0	0.4	1.0	24.8	40	1.8	9.5	< 0.2	231
8481	203296	< 5	0.32	13.2	1.8	1.5	42.0	130	5.2	9.5	< 0.2	207
8482	203296	< 5	0.68	20.4	0.6	1.2	75.6	160	3.6	16.5	0.6	175
8483	203296	< 5	2.02	96.4	0.8	1.6	81.0	260	25.2	41.5	5.2	277
8484	203296	< 5	1.48	1.8	0.4	0.5	70.0	140	0.4	3.5	< 0.2	10
8485	203296	< 5	1.02	4.6	4.0	0.3	373	10	1.2	16.5	0.6	43
8486	203296	45	0.18	98.6	2.2	0.3	184.5	30	11.8	31.5	8.0	250
8487	203296	< 5	0.40	27.6	0.4	0.2	25.6	20	0.6	12.5	0.2	119
8488	203296	< 5	0.08	5.4	4.0	0.2	35.4	30	0.4	< 0.5	< 0.2	3
8489	203296	< 5	0.20	3.8	< 0.2	0.6	35.4	50	0.6	8.5	< 0.2	145
8490	203296	< 5	0.16	3.2	< 0.2	0.3	24.8	50	0.6	8.5	< 0.2	116
8491	203296	< 5	0.04	3.2	< 0.2	< 0.1	18.0	30	0.4	7.0	< 0.2	52
8492	203296	< 5	0.02	2.6	< 0.2	< 0.1	15.6	< 10	0.4	6.0	< 0.2	44
8493	203296	< 5	0.08	4.2	0.2	< 0.1	12.6	20	0.8	6.5	< 0.2	44
8494	203296	< 5	0.24	2.4	0.4	1.0	28.0	130	1.2	6.5	< 0.2	56
8495	203296	< 5	0.14	11.8	0.2	0.2	38.8	110	2.4	9.5	< 0.2	149
8597	203296	< 5	0.26	2.8	< 0.2	1.1	62.8	20	1.2	8.5	< 0.2	40
8598	203296	< 5	0.24	0.6	0.4	1.3	60.6	60	0.4	14.5	< 0.2	56
8599	203296	< 5	0.10	13.0	0.4	0.2	50.2	40	4.0	17.5	< 0.2	76

CERTIFICATION: Ian Pitcher

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8276	203296	< 5	0.12	3.2	0.2	0.1	14.2	40	0.6	6.0	< 0.2	18
8277	203296	< 5	0.30	2.6	< 0.2	2.2	22.8	150	0.4	5.5	0.4	54
8278	203296	< 5	0.54	0.2	< 0.2	0.8	7.0	120	0.4	1.0	< 0.2	18
8279	203296	< 5	0.24	6.6	0.2	0.1	14.0	350	1.6	12.0	0.2	11
8280	203296	< 5	0.44	17.6	0.4	0.4	63.6	270	3.4	15.5	0.2	219
8281	203296	< 5	0.06	4.0	< 0.2	< 0.1	24.0	40	0.4	8.5	< 0.2	77
8282	203296	< 5	0.04	2.0	0.2	< 0.1	5.6	< 10	0.4	5.5	< 0.2	34
8283	203296	< 5	0.04	2.2	0.2	< 0.1	18.2	10	0.4	7.5	< 0.2	64
8284	203296	< 5	0.22	16.8	0.4	0.8	51.6	90	4.2	10.5	< 0.2	196
8285	203296	< 5	< 0.02	2.0	0.2	< 0.1	10.6	10	0.2	5.0	< 0.2	40
8286	203296	< 5	0.24	0.4	0.2	0.4	36.6	240	0.2	2.0	0.4	17
8287	203296	< 5	0.40	1.4	< 0.2	1.1	47.8	140	0.4	4.5	0.2	40
8288	203296	< 5	0.08	4.8	< 0.2	0.2	23.0	30	1.4	7.0	< 0.2	99
8289	203296	< 5	0.04	0.6	0.2	0.2	7.4	80	0.4	1.0	0.2	4
8290	203296	< 5	< 0.02	9.2	6.2	< 0.1	16.2	10	< 0.2	7.5	0.2	22
8291	203296	< 5	< 0.02	1.4	< 0.2	< 0.1	6.4	< 10	0.2	6.5	< 0.2	55
8292	203296	< 5	< 0.02	2.4	0.2	< 0.1	14.8	10	0.2	7.0	< 0.2	45
8293	203296	< 5	0.20	0.6	< 0.2	0.8	39.6	110	0.2	9.0	< 0.2	27
8294	203296	< 5	0.36	1.6	0.2	1.5	36.6	80	0.6	5.5	< 0.2	191
8295	203296	25	0.48	9.0	0.6	2.2	42.2	50	1.8	10.5	0.6	35
8296	203296	< 5	0.26	1.4	< 0.2	0.6	34.4	160	0.6	7.5	0.8	20
8297	203296	< 5	0.16	2.2	0.2	0.8	26.4	140	0.4	7.0	0.2	31
8298	203296	305	0.54	34.0	0.8	2.1	110.5	130	9.4	21.5	0.2	368
8299	203296	< 5	0.14	0.4	< 0.2	0.4	18.4	90	0.8	1.0	0.2	8
8331	203296	< 5	< 0.02	1.2	< 0.2	< 0.1	7.6	< 10	0.2	4.5	< 0.2	31
8332	203296	< 5	0.22	1.2	0.2	1.6	16.2	130	0.6	4.5	< 0.2	11
8333	203296	< 5	0.14	5.0	0.2	0.6	21.2	70	2.0	9.0	< 0.2	149
8334	203296	< 5	0.72	4.4	0.6	3.2	109.0	200	3.2	9.5	0.2	171
8335	203296	< 5	0.02	19.6	0.8	< 0.1	4.0	30	0.2	3.5	< 0.2	18
8336	203296	< 5	0.06	17.8	< 0.2	0.2	127.0	60	0.4	11.0	< 0.2	49
8337	203296	< 5	0.94	0.2	0.2	0.8	130.0	110	0.4	40.5	0.2	8
8338	203296	< 5	0.24	16.6	0.2	0.1	149.0	10	2.0	10.5	0.2	14
8339	203296	< 5	0.18	11.4	0.2	0.1	17.6	20	2.8	15.0	< 0.2	106
8340	203296	35	0.86	26.6	0.2	0.1	105.5	120	6.8	14.0	0.8	102
8341	203296	< 5	0.32	51.4	0.6	< 0.1	44.2	30	5.8	12.5	0.8	111
8342	203296	< 5	0.26	8.6	0.2	0.1	75.6	20	2.6	6.5	0.2	16
8343	203296	< 5	0.16	24.0	0.4	0.2	47.4	100	8.6	29.0	1.6	126
8344	203296	< 5	0.30	10.6	0.2	< 0.1	33.0	50	3.6	15.5	0.2	100
8345	203296	< 5	0.26	9.2	0.6	0.2	85.4	20	3.8	20.0	0.2	117
8346	203296	< 5	0.14	27.0	0.4	1.5	44.6	40	3.2	10.5	0.4	43

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATTN: M.ROSATELLI

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Invoice No. :I9521472
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9521472

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8347	203296	< 5	0.30	7.0	0.2	0.1	30.0	90	1.2	11.0	< 0.2	99
8348	203296	< 5	0.08	10.2	0.4	0.1	57.8	20	9.8	17.0	5.0	147
8349	203296	< 5	0.32	53.4	0.4	0.9	384	80	4.0	15.0	0.4	154
8400	203296	< 5	0.24	88.6	1.2	0.4	83.2	90	14.2	21.5	2.8	292
8401	203296	< 5	1.96	112.5	0.6	< 0.1	40.8	350	62.4	41.0	7.8	220
8402	203296	45	4.46	156.0	1.0	< 0.1	77.2	540	83.0	69.5	8.4	501
8403	203296	< 5	0.44	56.4	0.4	1.3	116.0	50	7.4	15.5	< 0.2	301
8404	203296	< 5	1.20	23.2	0.8	1.5	196.0	340	8.4	17.0	2.0	196
8405	203296	< 5	0.86	71.8	0.6	0.1	61.6	160	19.4	33.0	3.0	178
8406	203296	40	2.00	17.0	0.6	0.4	48.4	150	4.4	27.5	6.0	67
8407	203296	< 5	0.04	3.8	0.2	< 0.1	18.8	10	0.6	7.5	< 0.2	55
8408	203296	< 5	0.04	3.0	0.2	0.1	19.4	30	0.6	7.5	< 0.2	71
8409	203296	< 5	0.12	3.8	0.4	0.1	17.8	50	1.4	11.0	< 0.2	79
8410	203296	< 5	0.02	< 0.2	< 0.2	0.1	1.8	40	< 0.2	3.0	< 0.2	6
8411	203296	< 5	0.88	< 0.2	< 0.2	0.4	13.0	140	0.2	2.0	< 0.2	13
8412	203296	< 5	0.02	27.2	2.0	< 0.1	7.4	30	25.0	3.5	< 0.2	36
8413	203296	< 5	0.06	5.0	0.2	< 0.1	7.2	< 10	1.6	6.5	< 0.2	57
8450	203296	< 5	0.60	4.2	0.2	0.9	50.0	150	1.0	4.0	0.2	34
8451	203296	< 5	0.16	1.2	0.2	0.4	29.4	90	0.6	5.5	< 0.2	41
8452	203296	< 5	< 0.02	1.8	< 0.2	< 0.1	10.8	< 10	0.2	4.5	< 0.2	40
8453	203296	< 5	0.02	2.4	< 0.2	< 0.1	5.2	< 10	0.6	4.5	< 0.2	41
8454	203296	< 5	0.02	2.0	0.2	< 0.1	8.4	< 10	0.4	4.5	< 0.2	36
8455	203296	< 5	0.38	23.8	0.2	< 0.1	31.0	70	11.4	14.5	0.4	157
8456	203296	< 5	0.32	81.2	0.8	0.1	58.8	130	21.4	17.5	2.0	166
8457	203296	< 5	0.02	5.8	0.2	< 0.1	9.2	< 10	3.6	5.0	< 0.2	62
8458	203296	< 5	0.88	2.8	0.2	0.9	32.2	180	0.8	3.5	< 0.2	19
8459	203296	< 5	0.10	2.8	0.2	0.8	22.2	40	0.8	6.0	< 0.2	213
8460	203296	< 5	0.08	1.4	0.2	0.2	14.2	70	0.6	2.5	< 0.2	46
8461	203296	45	0.58	12.2	3.2	1.1	37.8	40	0.6	11.5	< 0.2	19
8462	203296	15	0.62	4.2	0.2	0.4	40.4	20	4.0	9.0	0.8	37
8463	203296	45	0.38	17.8	0.4	1.1	112.5	20	4.2	17.0	0.2	108
8464	203296	10	0.24	220	2.4	0.6	68.0	40	1.4	7.5	< 0.2	73
8465	203296	< 5	0.14	6.6	0.2	< 0.1	31.0	30	0.8	8.5	< 0.2	72
8466	203296	< 5	0.06	4.4	0.2	< 0.1	5.8	< 10	0.8	6.5	< 0.2	51
8467	203296	< 5	0.02	1.6	0.2	< 0.1	5.8	< 10	0.4	3.5	< 0.2	26
8468	203296	< 5	< 0.02	1.8	< 0.2	< 0.1	1.8	< 10	0.4	5.0	< 0.2	22
8469	203296	< 5	0.04	3.2	0.2	< 0.1	7.2	30	1.4	6.0	< 0.2	42
8470	203296	< 5	0.08	2.6	0.2	< 0.1	16.2	30	0.6	8.0	< 0.2	44
8471	203296	< 5	0.02	2.8	< 0.2	< 0.1	17.4	20	0.6	8.0	< 0.2	53
8472	203296	< 5	0.22	5.8	0.4	1.5	22.2	40	2.4	7.0	< 0.2	106

CERTIFICATION: Stewart Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8473	203296	< 5	0.16	15.8	0.4	0.2	46.6	120	5.8	9.5	< 0.2	170
8474	203296	< 5	0.52	1.8	0.2	1.2	29.4	120	1.4	4.0	< 0.2	35
8475	203296	< 5	0.14	3.4	0.4	0.5	22.4	80	1.2	9.5	< 0.2	193
8476	203296	< 5	0.12	2.0	0.2	0.8	23.4	80	1.0	8.0	< 0.2	170
8477	203296	< 5	0.16	8.0	0.2	0.4	21.6	70	1.4	10.5	< 0.2	218
8478	203296	< 5	0.04	4.0	0.2	< 0.1	24.6	370	0.6	9.0	< 0.2	81
8479	203296	< 5	0.10	5.0	0.6	0.6	24.0	40	1.2	10.5	< 0.2	152
8480	203296	< 5	0.10	6.0	0.4	1.0	24.8	40	1.8	9.5	< 0.2	231
8481	203296	< 5	0.32	13.2	1.8	1.5	42.0	130	5.2	9.5	< 0.2	207
8482	203296	< 5	0.68	20.4	0.6	1.2	75.6	160	3.6	16.5	0.6	175
8483	203296	< 5	2.02	96.4	0.8	1.6	81.0	260	25.2	41.5	5.2	277
8484	203296	< 5	1.48	1.8	0.4	0.5	70.0	140	0.4	3.5	< 0.2	10
8485	203296	< 5	1.02	4.6	4.0	0.3	373	10	1.2	16.5	0.6	43
8486	203296	45	0.18	98.6	2.2	0.3	184.5	30	11.8	31.5	8.0	250
8487	203296	< 5	0.40	27.6	0.4	0.2	25.6	20	0.6	12.5	0.2	119
8488	203296	< 5	0.08	5.4	4.0	0.2	35.4	30	0.4	< 0.5	< 0.2	3
8489	203296	< 5	0.20	3.8	< 0.2	0.6	35.4	50	0.6	8.5	< 0.2	145
8490	203296	< 5	0.16	3.2	< 0.2	0.3	24.8	50	0.6	8.5	< 0.2	116
8491	203296	< 5	0.04	3.2	< 0.2	< 0.1	18.0	30	0.4	7.0	< 0.2	52
8492	203296	< 5	0.02	2.6	< 0.2	< 0.1	15.6	< 10	0.4	6.0	< 0.2	44
8493	203296	< 5	0.08	4.2	0.2	< 0.1	12.6	20	0.8	6.5	< 0.2	44
8494	203296	< 5	0.24	2.4	0.4	1.0	28.0	130	1.2	6.5	< 0.2	56
8495	203296	< 5	0.14	11.8	0.2	0.2	38.8	110	2.4	9.5	< 0.2	149
8597	203296	< 5	0.26	2.8	< 0.2	1.1	62.8	20	1.2	8.5	< 0.2	40
8598	203296	< 5	0.24	0.6	0.4	1.3	60.6	60	0.4	14.5	< 0.2	56
8599	203296	< 5	0.10	13.0	0.4	0.2	50.2	40	4.0	17.5	< 0.2	76

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5J 2S1

A9522059

Comments: ATN: M. ROSATELLI

CERTIFICATE A9522059

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 25-JUL-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	66	Dry, sieve to -80 mesh
3296	65	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	66	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1941	65	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	65	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	65	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	65	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	65	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	65	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	65	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	65	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	65	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	65	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8414	203296	< 5	0.02	3.0	2.4	0.2	12.4	70	< 0.2	2.5	0.2	3
8415	203296	< 5	0.20	5.0	< 0.2	0.2	109.0	20	3.6	6.0	2.0	35
8416	203296	< 5	< 0.02	4.6	0.2	0.1	4.4	80	< 0.2	3.0	0.2	12
8417	203296	105	0.04	7.8	0.8	0.1	6.6	40	0.2	5.0	0.2	23
8418	203296	< 5	0.90	8.2	0.6	2.7	229	100	1.0	11.0	0.4	52
8419	203296	< 5	0.06	1.4	0.2	0.7	21.8	20	0.6	7.5	< 0.2	148
8420	203296	< 5	0.32	5.6	0.2	0.4	58.4	20	4.2	18.5	0.4	56
8421	203296	< 5	0.10	< 0.2	0.2	0.2	27.6	20	0.2	5.5	< 0.2	11
8422	203296	1310	0.26	17.8	1.4	0.2	26.6	80	0.6	6.0	0.2	39
8423	203296	200	0.02	7.8	2.2	0.7	17.0	60	0.6	5.5	< 0.2	22
8424	203296	15	0.08	1.4	0.4	0.5	49.6	30	5.4	8.0	0.4	41
8425	203296	< 5	0.08	2.6	1.6	1.6	2.0	20	0.2	4.0	< 0.2	568
8426	203296	30	0.48	13.0	0.2	0.3	22.2	70	2.2	12.5	0.4	112
8427	203296	35	0.14	5.6	2.0	0.2	58.4	60	0.8	5.0	0.2	31
8428	203296	< 5	< 0.02	22.6	0.4	0.1	26.8	60	0.2	2.5	< 0.2	28
8429	203296	< 5	0.02	7.8	1.8	0.2	9.6	100	0.2	4.5	0.2	24
8430	203296	675	0.26	28.6	2.0	0.6	48.0	60	1.0	6.0	< 0.2	47
8431	203296	2980	0.34	19.4	1.6	0.3	15.6	120	< 0.2	2.5	< 0.2	36
8432	203296	440	0.24	11.4	0.4	0.2	19.8	30	2.6	4.0	1.2	75
8433	203296	120	1.26	50.4	0.4	< 0.1	90.0	270	10.6	25.0	15.6	94
8434	203296	< 5	1.30	1.6	0.2	3.8	31.0	140	1.2	446	< 0.2	363
8435	201 --	< 5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
8436	203296	< 5	0.36	0.4	0.8	1.4	< 0.2	80	< 0.2	44.5	< 0.2	147
8437	203296	< 5	2.00	83.4	0.4	0.1	6.8	210	29.4	67.0	26.6	31
8438	203296	25	1.94	125.0	0.6	0.1	30.2	140	21.8	18.5	31.8	85
8439	203296	975	0.18	4.0	0.4	0.1	13.2	10	0.2	3.0	< 0.2	41
8440	203296	30	0.18	7.2	1.2	0.9	23.4	60	1.2	7.0	< 0.2	97
8441	203296	< 5	4.86	9.4	0.6	0.6	39.4	340	5.8	52.5	2.6	55
8442	203296	< 5	1.14	10.4	0.4	0.3	39.8	40	10.4	10.0	2.2	71
8443	203296	< 5	0.56	24.6	0.2	4.9	90.2	130	4.0	16.5	0.4	503
8496	203296	280	0.04	5.6	1.4	0.2	6.2	80	0.2	6.5	< 0.2	28
8497	203296	15	0.32	22.0	0.4	0.1	22.8	60	8.2	13.0	3.0	70
8498	203296	3170	0.28	8.8	1.8	0.3	23.2	160	0.2	3.5	< 0.2	22
8499	203296	25	0.02	3.2	0.8	0.1	5.2	20	0.2	3.0	< 0.2	28
8600	203296	< 5	1.54	75.6	0.6	< 0.1	128.5	190	22.4	39.5	4.2	268
8601	203296	< 5	1.30	37.6	3.0	3.1	183.0	60	5.2	41.0	1.4	193
8602	203296	50	1.78	7.0	1.4	2.2	123.0	80	20.0	104.5	12.8	512
8603	203296	25	0.60	95.4	0.6	0.5	54.0	60	42.4	82.0	8.6	247
8604	203296	< 5	0.46	5.8	0.2	0.1	50.6	60	2.4	17.0	< 0.2	107
8605	203296	180	0.60	34.4	0.4	2.9	133.0	80	5.4	50.0	2.6	109

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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8606	203296	< 5	1.54	17.4	1.4	0.7	184.5	140	1.2	5.5	0.4	24
8607	203296	< 5	0.88	35.4	2.6	1.0	76.4	190	8.2	14.5	1.4	90
8608	203296	1640	1.40	42.8	1.2	0.8	135.0	130	1.6	8.5	< 0.2	141
8609	203296	< 5	1.78	4.0	0.4	2.1	94.6	70	0.8	20.5	0.6	44
8610	203296	< 5	0.48	7.6	0.2	0.3	15.2	20	1.6	11.5	1.0	44
8611	203296	< 5	0.22	21.6	< 0.2	0.2	127.0	150	4.4	26.5	< 0.2	236
8612	203296	< 5	0.78	7.2	3.2	0.3	236	70	0.4	38.5	< 0.2	20
8613	203296	< 5	0.08	39.4	0.6	0.7	30.0	20	1.6	4.0	1.0	89
8614	203296	< 5	0.28	47.4	0.6	0.7	40.2	190	22.4	27.0	5.6	160
8615	203296	< 5	0.38	31.4	0.4	0.6	142.5	90	4.0	17.0	< 0.2	248
8616	203296	< 5	0.08	6.2	< 0.2	0.1	27.2	30	1.8	9.5	< 0.2	76
8617	203296	< 5	0.22	3.4	< 0.2	0.3	30.8	40	1.4	10.0	< 0.2	100
8618	203296	< 5	0.46	5.0	0.2	1.2	16.2	20	0.4	3.0	< 0.2	90
8619	203296	< 5	0.04	1.6	< 0.2	0.1	21.0	20	0.4	6.0	< 0.2	91
8620	203296	425	0.14	181.5	0.6	0.1	49.8	30	26.0	16.0	3.8	178
8621	203296	< 5	0.02	6.2	< 0.2	< 0.1	22.0	20	0.8	8.5	< 0.2	64
8622	203296	< 5	0.72	27.0	0.2	0.6	172.0	140	2.6	12.0	< 0.2	235
8623	203296	< 5	0.20	24.2	0.2	0.1	52.0	50	9.8	18.0	2.4	132
8624	203296	10	0.54	7.0	0.4	0.8	86.6	70	2.0	15.5	< 0.2	254
8625	203296	< 5	0.10	7.0	< 0.2	0.6	32.6	50	1.2	13.0	< 0.2	185
8626	203296	< 5	0.08	3.6	< 0.2	0.2	24.2	40	0.6	10.0	< 0.2	114
8627	203296	< 5	0.02	1.6	< 0.2	0.1	18.2	10	0.4	5.5	< 0.2	64
8628	203296	< 5	0.16	23.4	< 0.2	0.1	119.0	50	2.0	11.5	< 0.2	164
7152	203296	15	2.20	168.0	1.2	3.0	121.0	2660	13.2	375	< 0.2	1035
7153	203296	25	1.94	66.6	0.8	0.3	165.5	280	14.2	32.5	2.6	148
7154	203296	50	1.76	71.0	3.4	< 0.1	29.6	120	175.5	38.0	27.8	22

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9522059

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8414	2013296	< 5	0.02	3.0	2.4	0.2	12.4	70	< 0.2	2.5	0.2	3
8415	2013296	< 5	0.20	5.0	< 0.2	0.2	109.0	20	3.6	6.0	2.0	35
8416	2013296	< 5	< 0.02	4.6	0.2	0.1	4.4	80	< 0.2	3.0	0.2	12
8417	2013296	105	0.04	7.8	0.8	0.1	6.6	40	0.2	5.0	0.2	23
8418	2013296	< 5	0.90	8.2	0.6	2.7	229	100	1.0	11.0	0.4	52
8419	2013296	< 5	0.06	1.4	0.2	0.7	21.8	20	0.6	7.5	< 0.2	148
8420	2013296	< 5	0.32	5.6	0.2	0.4	58.4	20	4.2	18.5	0.4	56
8421	2013296	< 5	0.10	< 0.2	0.2	0.2	27.6	20	0.2	5.5	< 0.2	11
8422	2013296	1310	0.26	17.8	1.4	0.2	26.6	80	0.6	6.0	0.2	39
8423	2013296	200	0.02	7.8	2.2	0.7	17.0	60	0.6	5.5	< 0.2	22
8424	2013296	15	0.08	1.4	0.4	0.5	49.6	30	5.4	8.0	0.4	41
8425	2013296	< 5	0.08	2.6	1.6	1.6	2.0	20	0.2	4.0	< 0.2	568
8426	2013296	30	0.48	13.0	0.2	0.3	22.2	70	2.2	12.5	0.4	112
8427	2013296	35	0.14	5.6	2.0	0.2	58.4	60	0.8	5.0	0.2	31
8428	2013296	< 5	< 0.02	22.6	0.4	0.1	26.8	60	0.2	2.5	< 0.2	28
8429	2013296	< 5	0.02	7.8	1.8	0.2	9.6	100	0.2	4.5	0.2	24
8430	2013296	675	0.26	28.6	2.0	0.6	48.0	60	1.0	6.0	< 0.2	47
8431	2013296	2980	0.34	19.4	1.6	0.3	15.6	120	< 0.2	2.5	< 0.2	36
8432	2013296	440	0.24	11.4	0.4	0.2	19.8	30	2.6	4.0	1.2	75
8433	2013296	120	1.26	50.4	0.4	< 0.1	90.0	270	10.6	25.0	15.6	94
8434	2013296	< 5	1.30	1.6	0.2	3.8	31.0	140	1.2	446	< 0.2	363
8435	201 --	< 5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
8436	2013296	< 5	0.36	0.4	0.8	1.4	< 0.2	80	< 0.2	44.5	< 0.2	147
8437	2013296	< 5	2.00	83.4	0.4	0.1	6.8	210	29.4	67.0	26.6	31
8438	2013296	25	1.94	125.0	0.6	0.1	30.2	140	21.8	18.5	31.8	85
8439	2013296	975	0.18	4.0	0.4	0.1	13.2	10	0.2	3.0	< 0.2	41
8440	2013296	30	0.18	7.2	1.2	0.9	23.4	60	1.2	7.0	< 0.2	97
8441	2013296	< 5	4.86	9.4	0.6	0.6	39.4	340	5.8	52.5	2.6	55
8442	2013296	< 5	1.14	10.4	0.4	0.3	39.8	40	10.4	10.0	2.2	71
8443	2013296	< 5	0.56	24.6	0.2	4.9	90.2	130	4.0	16.5	0.4	503
8496	2013296	280	0.04	5.6	1.4	0.2	6.2	80	0.2	6.5	< 0.2	28
8497	2013296	15	0.32	22.0	0.4	0.1	22.8	60	8.2	13.0	3.0	70
8498	2013296	3170	0.28	8.8	1.8	0.3	23.2	160	0.2	3.5	< 0.2	22
8499	2013296	25	0.02	3.2	0.8	0.1	5.2	20	0.2	3.0	< 0.2	28
8600	2013296	< 5	1.54	75.6	0.6	< 0.1	128.5	190	22.4	39.5	4.2	268
8601	2013296	< 5	1.30	37.6	3.0	3.1	183.0	60	5.2	41.0	1.4	193
8602	2013296	50	1.78	7.0	1.4	2.2	123.0	80	20.0	104.5	12.8	512
8603	2013296	25	0.60	95.4	0.6	0.5	54.0	60	42.4	82.0	8.6	247
8604	2013296	< 5	0.46	5.8	0.2	0.1	50.6	60	2.4	17.0	< 0.2	107
8605	2013296	180	0.60	34.4	0.4	2.9	133.0	80	5.4	50.0	2.6	109

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATN: M. ROSATELLI

Certificate Date: 25-JUL-95
Invoice No. : I9522059
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9522059

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8606	203296	< 5	1.54	17.4	1.4	0.7	184.5	140	1.2	5.5	0.4	24
8607	203296	< 5	0.88	35.4	2.6	1.0	76.4	190	8.2	14.5	1.4	90
8608	203296	1640	1.40	42.8	1.2	0.8	135.0	130	1.6	8.5	< 0.2	141
8609	203296	< 5	1.78	4.0	0.4	2.1	94.6	70	0.8	20.5	0.6	44
8610	203296	< 5	0.48	7.6	0.2	0.3	15.2	20	1.6	11.5	1.0	44
8611	203296	< 5	0.22	21.6	< 0.2	0.2	127.0	150	4.4	26.5	< 0.2	236
8612	203296	< 5	0.78	7.2	3.2	0.3	236	70	0.4	38.5	< 0.2	20
8613	203296	< 5	0.08	39.4	0.6	0.7	30.0	20	1.6	4.0	1.0	89
8614	203296	< 5	0.28	47.4	0.6	0.7	40.2	190	22.4	27.0	5.6	160
8615	203296	< 5	0.38	31.4	0.4	0.6	142.5	90	4.0	17.0	< 0.2	248
8616	203296	< 5	0.08	6.2	< 0.2	0.1	27.2	30	1.8	9.5	< 0.2	76
8617	203296	< 5	0.22	3.4	< 0.2	0.3	30.8	40	1.4	10.0	< 0.2	100
8618	203296	< 5	0.46	5.0	0.2	1.2	16.2	20	0.4	3.0	< 0.2	90
8619	203296	< 5	0.04	1.6	< 0.2	0.1	21.0	20	0.4	6.0	< 0.2	91
8620	203296	425	0.14	181.5	0.6	0.1	49.8	30	26.0	16.0	3.8	178
8621	203296	< 5	0.02	6.2	< 0.2	< 0.1	22.0	20	0.8	8.5	< 0.2	64
8622	203296	< 5	0.72	27.0	0.2	0.6	172.0	140	2.6	12.0	< 0.2	235
8623	203296	< 5	0.20	24.2	0.2	0.1	52.0	50	9.8	18.0	2.4	132
8624	203296	10	0.54	7.0	0.4	0.8	86.6	70	2.0	15.5	< 0.2	254
8625	203296	< 5	0.10	7.0	< 0.2	0.6	32.6	50	1.2	13.0	< 0.2	185
8626	203296	< 5	0.08	3.6	< 0.2	0.2	24.2	40	0.6	10.0	< 0.2	114
8627	203296	< 5	0.02	1.6	< 0.2	0.1	18.2	10	0.4	5.5	< 0.2	64
8628	203296	< 5	0.16	23.4	< 0.2	0.1	119.0	50	2.0	11.5	< 0.2	164
7152	203296	15	2.20	168.0	1.2	3.0	121.0	2660	13.2	375	< 0.2	1035
7153	203296	25	1.94	66.6	0.8	0.3	165.5	280	14.2	32.5	2.6	148
7154	203296	50	1.76	71.0	3.4	< 0.1	29.6	120	175.5	38.0	27.8	22

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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M5J 2S1

10 -AUG- 1995

A9522648

Comments: ATN; M. ROSATELLI

CERTIFICATE A9522648

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 3-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	11	Dry, sieve to -80 mesh
3296	11	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	11	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1941	11	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	11	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	11	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	11	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	11	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	11	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	11	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	11	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	11	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	11	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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Project : KAN
Comments: ATN; M. ROSATELLI

Page Number : 1
Total Pages : 1
Certificate Date: 03-AUG-95
Invoice No. : I9522648
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9522648

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8444	203296	230	0.96	872	5.0	1.0	31.8	140	81.2	590	34.8	770
8445	203296	65	1.14	133.0	1.4	< 0.1	271	420	9.2	1065	6.8	168
8446	203296	< 5	0.14	19.8	0.2	0.6	74.6	20	0.4	25.5	< 0.2	1175
8447	203296	15	0.96	85.4	0.6	0.2	156.0	470	3.8	170.5	< 0.2	548
8448	203296	< 5	3.92	230	0.4	0.2	138.5	2950	4.4	936	4.2	492
8449	203296	< 5	0.34	20.4	0.4	0.1	80.0	150	3.6	38.0	< 0.2	248
8629	203296	< 5	1.02	68.0	0.6	1.9	102.5	220	1.6	153.5	< 0.2	2940
8630	203296	45	1.00	58.6	0.6	0.1	39.2	390	9.0	123.0	10.0	125
8631	203296	20	0.96	56.2	0.6	0.1	61.0	100	14.8	350	14.4	151
8632	203296	< 5	0.96	30.2	0.2	0.1	39.0	100	9.4	37.0	1.4	106
8633	203296	< 5	0.16	16.2	0.2	0.2	79.8	30	7.6	18.5	0.8	237

CERTIFICATION: Dawn Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : KAN
Comments: ATN; M. ROSATELLI

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Account : LZV

CERTIFICATE OF ANALYSIS A9522648

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm			
8444	203296	230	0.96	872	5.0	1.0	31.8	140	81.2	590	34.8	770			
8445	203296	65	1.14	133.0	1.4	< 0.1	271	420	9.2	1065	6.8	168			
8446	203296	< 5	0.14	19.8	0.2	0.6	74.6	20	0.4	25.5	< 0.2	1175			
8447	203296	15	0.96	85.4	0.6	0.2	156.0	470	3.8	170.5	< 0.2	548			
8448	203296	< 5	3.92	230	0.4	0.2	138.5	2950	4.4	936	4.2	492			
8449	203296	< 5	0.34	20.4	0.4	0.1	80.0	150	3.6	38.0	< 0.2	248			
8629	203296	< 5	1.02	68.0	0.6	1.9	102.5	220	1.6	153.5	< 0.2	2940			
8630	203296	45	1.00	58.6	0.6	0.1	39.2	390	9.0	123.0	10.0	125			
8631	203296	20	0.96	56.2	0.6	0.1	61.0	100	14.8	350	14.4	151			
8632	203296	< 5	0.96	30.2	0.2	0.1	39.0	100	9.4	37.0	1.4	106			
8633	203296	< 5	0.16	16.2	0.2	0.2	79.8	30	7.6	18.5	0.8	237			

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
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22-08-1995

A9523256

Comments: ATTN: MIKE ROSATELLI

CERTIFICATE A9523256

(LZV) - KENNECOTT CANADA, INC.

Project: 431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 11-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	23	Dry, sieve to -80 mesh
229	23	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	23	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	23	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	23	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	23	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	23	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	23	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	23	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	23	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	23	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	23	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	23	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	23	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	23	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	23	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	23	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	23	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	23	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	23	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	23	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	23	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	23	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	23	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	23	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	23	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	23	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	23	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	23	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	23	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	23	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	23	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	23	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	23	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	23	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : 431
Comments: ATTN: MIKE ROSATELLI

Page Number :1-A
Total Pages :1
Certificate Date: 11-AUG-95
Invoice No. :19523256
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9523256

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
8800	201	229	< 5	0.2	1.83	4	90	< 0.5	< 2	0.37	3.0	28	9	228	>15.00	< 10	70	0.02	40	0.09	4160
8801	201	229	< 5	< 0.2	2.20	8	200	< 0.5	< 2	0.35	2.0	31	28	69	10.90	< 10	30	0.19	20	0.57	6890
8802	201	229	< 5	1.2	2.85	20	70	< 0.5	< 2	0.31	3.0	13	37	151	2.71	< 10	430	0.07	30	0.53	540
8803	201	229	< 5	< 0.2	0.94	< 2	60	< 0.5	< 2	0.43	< 0.5	7	40	17	3.74	< 10	20	0.10	20	0.52	505
8804	201	229	< 5	< 0.2	0.93	2	60	< 0.5	< 2	0.46	< 0.5	8	40	18	4.66	< 10	20	0.08	20	0.47	970
8805	201	229	< 5	< 0.2	0.83	< 2	20	< 0.5	< 2	0.34	< 0.5	4	26	10	2.05	< 10	20	0.09	10	0.50	205
8806	201	229	< 5	< 0.2	1.13	< 2	60	< 0.5	< 2	0.34	< 0.5	7	36	19	2.93	< 10	40	0.11	20	0.62	345
8807	201	229	< 5	< 0.2	1.63	< 2	90	< 0.5	< 2	0.42	< 0.5	13	48	25	3.82	< 10	40	0.20	20	0.77	855
8808	201	229	< 5	< 0.2	1.39	< 2	60	< 0.5	< 2	0.42	< 0.5	8	42	19	3.54	< 10	30	0.14	20	0.72	350
8809	201	229	< 5	< 0.2	0.89	< 2	40	< 0.5	< 2	0.52	< 0.5	6	35	15	2.98	< 10	20	0.14	20	0.56	325
8810	201	229	< 5	< 0.2	0.79	< 2	30	< 0.5	< 2	0.31	< 0.5	4	29	10	1.63	< 10	20	0.08	10	0.48	140
8811	201	229	< 5	< 0.2	0.22	< 2	30	< 0.5	< 2	2.31	< 0.5	1	26	36	0.52	< 10	120	0.01	< 10	0.32	80
8812	201	229	< 5	< 0.2	1.14	< 2	60	< 0.5	< 2	0.47	< 0.5	5	32	19	2.29	< 10	40	0.09	20	0.59	185
8813	201	229	< 5	< 0.2	1.36	2	70	< 0.5	< 2	0.54	< 0.5	10	45	25	3.50	< 10	30	0.23	20	0.89	665
8830	201	229	< 5	< 0.2	0.62	2	40	< 0.5	< 2	0.32	< 0.5	5	56	7	6.22	< 10	< 10	0.07	20	0.39	280
8831	201	229	< 5	< 0.2	0.89	< 2	40	< 0.5	< 2	0.35	< 0.5	6	33	11	1.89	< 10	10	0.08	10	0.57	235
8832	201	229	< 5	< 0.2	1.05	< 2	60	< 0.5	< 2	0.34	< 0.5	4	34	11	1.71	< 10	10	0.06	10	0.56	145
8833	201	229	< 5	< 0.2	0.67	4	40	< 0.5	< 2	0.30	< 0.5	4	28	10	2.11	< 10	< 10	0.08	10	0.43	165
8834	201	229	< 5	< 0.2	0.91	< 2	30	< 0.5	< 2	0.26	< 0.5	6	32	14	1.86	< 10	10	0.07	10	0.53	235
8850	201	229	< 5	< 0.2	0.72	2	30	< 0.5	< 2	0.33	< 0.5	5	30	8	2.44	< 10	< 10	0.08	10	0.42	145
8851	201	229	< 5	< 0.2	0.95	2	170	< 0.5	< 2	0.96	< 0.5	6	22	50	15.00	< 10	170	0.22	20	0.43	1265
8852	201	229	< 5	< 0.2	0.70	< 2	30	< 0.5	< 2	0.32	< 0.5	3	28	10	2.50	< 10	20	0.06	10	0.34	185
8853	201	229	< 5	< 0.2	0.57	< 2	30	< 0.5	< 2	0.31	< 0.5	6	25	10	2.04	< 10	10	0.09	10	0.42	210

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA, INC.
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TORONTO, ON
M5J 2S1

Project : 431
Comments: ATTN: MIKE ROSATELLI

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Invoice No. : I9523256
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Account : LZV

CERTIFICATE OF ANALYSIS A9523256

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8800	201	229	< 1	< 0.01	181	610	4	2	3	10	0.01	< 10	< 10	10	< 10	1125
8801	201	229	2	< 0.01	116	900	8	< 2	3	14	0.06	< 10	< 10	23	< 10	658
8802	201	229	3	0.01	81	1060	42	< 2	11	11	0.03	< 10	< 10	33	< 10	260
8803	201	229	< 1	0.01	16	820	4	< 2	2	15	0.07	< 10	< 10	42	< 10	48
8804	201	229	1	< 0.01	19	900	4	< 2	3	15	0.07	< 10	< 10	48	< 10	56
8805	201	229	< 1	0.01	13	640	4	< 2	2	11	0.06	< 10	< 10	27	< 10	38
8806	201	229	< 1	0.01	18	670	6	< 2	3	12	0.07	< 10	< 10	32	< 10	50
8807	201	229	< 1	0.01	26	670	8	< 2	5	20	0.09	< 10	< 10	47	< 10	60
8808	201	229	< 1	0.01	22	740	6	< 2	4	14	0.09	< 10	< 10	38	< 10	64
8809	201	229	< 1	0.02	15	850	6	< 2	4	17	0.09	< 10	< 10	42	< 10	38
8810	201	229	< 1	0.01	14	640	4	< 2	2	10	0.07	< 10	< 10	24	< 10	38
8811	201	229	7	0.01	10	650	2	< 2	< 1	51	< 0.01	< 10	< 10	6	< 10	54
8812	201	229	< 1	0.01	17	690	4	< 2	3	13	0.08	< 10	< 10	29	< 10	62
8813	201	229	< 1	0.02	23	730	6	< 2	4	19	0.10	< 10	< 10	46	< 10	58
8830	201	229	< 1	< 0.01	11	810	2	< 2	2	10	0.06	< 10	< 10	90	< 10	26
8831	201	229	< 1	0.01	15	670	2	< 2	2	10	0.07	< 10	< 10	30	< 10	36
8832	201	229	< 1	0.01	14	740	4	< 2	2	11	0.07	< 10	< 10	35	< 10	36
8833	201	229	< 1	< 0.01	12	700	4	< 2	2	8	0.05	< 10	< 10	27	< 10	38
8834	201	229	< 1	< 0.01	20	660	4	< 2	2	8	0.07	< 10	< 10	28	< 10	70
8850	201	229	< 1	< 0.01	11	770	2	< 2	2	10	0.07	< 10	< 10	35	< 10	30
8851	201	229	8	< 0.01	14	1100	6	< 2	2	33	0.06	< 10	< 10	26	< 10	66
8852	201	229	< 1	< 0.01	11	540	4	< 2	1	9	0.06	< 10	< 10	35	< 10	36
8853	201	229	< 1	< 0.01	14	700	2	< 2	1	7	0.04	< 10	< 10	25	< 10	34

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
8800	201	229	< 5	0.2	1.83	4	90	< 0.5	< 2	0.37	3.0	28	9	228	>15.00	< 10	70	0.02	40	0.09	4160
8801	201	229	< 5	< 0.2	2.20	8	200	< 0.5	< 2	0.35	2.0	31	28	69	10.90	< 10	30	0.19	20	0.57	6890
8802	201	229	< 5	1.2	2.85	20	70	< 0.5	< 2	0.31	3.0	13	37	151	2.71	< 10	430	0.07	30	0.53	540
8803	201	229	< 5	< 0.2	0.94	< 2	60	< 0.5	< 2	0.43	< 0.5	7	40	17	3.74	< 10	20	0.10	20	0.52	505
8804	201	229	< 5	< 0.2	0.93	2	60	< 0.5	< 2	0.46	< 0.5	8	40	18	4.66	< 10	20	0.08	20	0.47	970
8805	201	229	< 5	< 0.2	0.83	< 2	20	< 0.5	< 2	0.34	< 0.5	4	26	10	2.05	< 10	20	0.09	10	0.50	205
8806	201	229	< 5	< 0.2	1.13	< 2	60	< 0.5	< 2	0.34	< 0.5	7	36	19	2.93	< 10	40	0.11	20	0.62	345
8807	201	229	< 5	< 0.2	1.63	< 2	90	< 0.5	< 2	0.42	< 0.5	13	48	25	3.82	< 10	40	0.20	20	0.77	855
8808	201	229	< 5	< 0.2	1.39	< 2	60	< 0.5	< 2	0.42	< 0.5	8	42	19	3.54	< 10	30	0.14	20	0.72	350
8809	201	229	< 5	< 0.2	0.89	< 2	40	< 0.5	< 2	0.52	< 0.5	6	35	15	2.98	< 10	20	0.14	20	0.56	325
8810	201	229	< 5	< 0.2	0.79	< 2	30	< 0.5	< 2	0.31	< 0.5	4	29	10	1.63	< 10	20	0.08	10	0.48	140
8811	201	229	< 5	< 0.2	0.22	< 2	30	< 0.5	< 2	2.31	< 0.5	1	26	36	0.52	< 10	120	0.01	< 10	0.32	80
8812	201	229	< 5	< 0.2	1.14	< 2	60	< 0.5	< 2	0.47	< 0.5	5	32	19	2.29	< 10	40	0.09	20	0.59	185
8813	201	229	< 5	< 0.2	1.36	2	70	< 0.5	< 2	0.54	< 0.5	10	45	25	3.50	< 10	30	0.23	20	0.89	665
8830	201	229	< 5	< 0.2	0.62	2	40	< 0.5	< 2	0.32	< 0.5	5	56	7	6.22	< 10	< 10	0.07	20	0.39	280
8831	201	229	< 5	< 0.2	0.89	< 2	40	< 0.5	< 2	0.35	< 0.5	6	33	11	1.89	< 10	10	0.08	10	0.57	235
8832	201	229	< 5	< 0.2	1.05	< 2	60	< 0.5	< 2	0.34	< 0.5	4	34	11	1.71	< 10	10	0.06	10	0.56	145
8833	201	229	< 5	< 0.2	0.67	4	40	< 0.5	< 2	0.30	< 0.5	4	28	10	2.11	< 10	< 10	0.08	10	0.43	165
8834	201	229	< 5	< 0.2	0.91	< 2	30	< 0.5	< 2	0.26	< 0.5	6	32	14	1.86	< 10	10	0.07	10	0.53	235
8850	201	229	< 5	< 0.2	0.72	2	30	< 0.5	< 2	0.33	< 0.5	5	30	8	2.44	< 10	< 10	0.08	10	0.42	145
8851	201	229	< 5	< 0.2	0.95	2	170	< 0.5	< 2	0.96	< 0.5	6	22	50	15.00	< 10	170	0.22	20	0.43	1265
8852	201	229	< 5	< 0.2	0.70	< 2	30	< 0.5	< 2	0.32	< 0.5	3	28	10	2.50	< 10	20	0.06	10	0.34	185
8853	201	229	< 5	< 0.2	0.57	< 2	30	< 0.5	< 2	0.31	< 0.5	6	25	10	2.04	< 10	10	0.09	10	0.42	210

CERTIFICATION:

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
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Project : 431
Comments: ATTN: MIKE ROSATELLI

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Certificate Date: 11-AUG-95
Invoice No. : 19523256
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9523256

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8800	201	229	< 1	< 0.01	181	610	4	2	3	10	0.01	< 10	< 10	10	< 10	1125
8801	201	229	2	< 0.01	116	900	8	< 2	3	14	0.06	< 10	< 10	23	< 10	658
8802	201	229	3	0.01	81	1060	42	< 2	11	11	0.03	< 10	< 10	33	< 10	260
8803	201	229	< 1	0.01	16	820	4	< 2	2	15	0.07	< 10	< 10	42	< 10	48
8804	201	229	1	< 0.01	19	900	4	< 2	3	15	0.07	< 10	< 10	48	< 10	56
8805	201	229	< 1	0.01	13	640	4	< 2	2	11	0.06	< 10	< 10	27	< 10	38
8806	201	229	< 1	0.01	18	670	6	< 2	3	12	0.07	< 10	< 10	32	< 10	50
8807	201	229	< 1	0.01	26	670	8	< 2	5	20	0.09	< 10	< 10	47	< 10	60
8808	201	229	< 1	0.01	22	740	6	< 2	4	14	0.09	< 10	< 10	38	< 10	64
8809	201	229	< 1	0.02	15	850	6	< 2	4	17	0.09	< 10	< 10	42	< 10	38
8810	201	229	< 1	0.01	14	640	4	< 2	2	10	0.07	< 10	< 10	24	< 10	38
8811	201	229	7	0.01	10	650	2	< 2	< 1	51	< 0.01	< 10	< 10	6	< 10	54
8812	201	229	< 1	0.01	17	690	4	< 2	3	13	0.08	< 10	< 10	29	< 10	62
8813	201	229	< 1	0.02	23	730	6	< 2	4	19	0.10	< 10	< 10	46	< 10	58
8830	201	229	< 1	< 0.01	11	810	2	< 2	2	10	0.06	< 10	< 10	90	< 10	26
8831	201	229	< 1	0.01	15	670	2	< 2	2	10	0.07	< 10	< 10	30	< 10	36
8832	201	229	< 1	0.01	14	740	4	< 2	2	11	0.07	< 10	< 10	35	< 10	36
8833	201	229	< 1	< 0.01	12	700	4	< 2	2	8	0.05	< 10	< 10	27	< 10	38
8834	201	229	< 1	< 0.01	20	660	4	< 2	2	8	0.07	< 10	< 10	28	< 10	70
8850	201	229	< 1	< 0.01	11	770	2	< 2	2	10	0.07	< 10	< 10	35	< 10	30
8851	201	229	8	< 0.01	14	1100	6	< 2	2	33	0.06	< 10	< 10	26	< 10	66
8852	201	229	< 1	< 0.01	11	540	4	< 2	1	9	0.06	< 10	< 10	35	< 10	36
8853	201	229	< 1	< 0.01	14	700	2	< 2	1	7	0.04	< 10	< 10	25	< 10	34

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21-08-1995 A9523670

Comments: ATN; M. ROSATELLI

CERTIFICATE A9523670

(LZV) - KENNECOTT CANADA, INC.

Project: 431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 13-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	4	Geochem ring to approx 150 mesh
226	4	0-3 Kg crush and split
3202	4	Rock - save entire reject
229	4	ICP - AQ Digestion charge
238	4	Nitric-aqua-regia digestion

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	4	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	4	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	4	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	4	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	4	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	4	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	4	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	4	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	4	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	4	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	4	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	4	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	4	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	4	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	4	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	4	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	4	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	4	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	4	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	4	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	4	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	4	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	4	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	4	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	4	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	4	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	4	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	4	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	4	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	4	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	4	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	4	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	4	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
4	4	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	4	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6682	205	226	< 5	0.6	1.26	136	70	< 0.5	< 2	0.27	0.5	211	325	58	4.01	< 10	60	0.54	10	0.38	1105
6683	205	226	< 5	< 0.2	0.67	< 2	70	< 0.5	< 2	0.54	< 0.5	8	109	30	13.95	10	30	0.43	< 10	1.91	8220
6686	205	226	< 5	0.4	0.85	42	30	< 0.5	< 2	1.03	3.5	13	92	81	8.98	< 10	180	0.22	< 10	1.14	2510
6689	205	226	< 5	0.2	0.69	20	20	< 0.5	2	1.68	1.0	8	267	56	9.55	< 10	70	0.19	< 10	1.66	3310

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
6682	205	226	< 5	0.6	1.26	136	70	< 0.5	< 2	0.27	0.5	211	325	58	4.01	< 10	60	0.54	10	0.38	1105
6683	205	226	< 5	< 0.2	0.67	< 2	70	< 0.5	< 2	0.54	< 0.5	8	109	30	13.95	10	30	0.43	< 10	1.91	8220
6686	205	226	< 5	0.4	0.85	42	30	< 0.5	< 2	1.03	3.5	13	92	81	8.98	< 10	180	0.22	< 10	1.14	2510
6689	205	226	< 5	0.2	0.69	20	20	< 0.5	2	1.68	1.0	8	267	56	9.55	< 10	70	0.19	< 10	1.66	3310

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6682	205	226	7	0.03	47	300	12	4	3	11	0.01	< 10	< 10	23	< 10	134	7	140
6683	205	226	< 1	0.02	19	480	< 2	12	3	21	0.01	< 10	< 10	51	10	70	< 1	85
6686	205	226	15	0.02	63	690	18	6	2	26	0.02	< 10	< 10	52	10	624	15	680
6689	205	226	11	0.01	43	410	10	12	2	28	0.01	< 10	< 10	43	10	302	6	325

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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : 431
Comments: ATN; M. ROSATELLI

Page Number : 1-B
Total Pages : 1
Certificate Date: 13-AUG-95
Invoice No. : 19523670
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9523670

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Pb ppm	Zn ppm
6682	205 226	7	0.03	47	300	12	4	3	11	0.01	< 10	< 10	23	< 10	134	7	140
6683	205 226	< 1	0.02	19	480	< 2	12	3	21	0.01	< 10	< 10	51	10	70	< 1	85
6686	205 226	15	0.02	63	690	18	6	2	26	0.02	< 10	< 10	52	10	624	15	680
6689	205 226	11	0.01	43	410	10	12	2	28	0.01	< 10	< 10	43	10	302	6	325

CERTIFICATION: _____

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A9523671

Comments: ATN; M. ROSATELLI

CERTIFICATE A9523671

(LZV) - KENNECOTT CANADA, INC.

Project: 431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 9-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	1	Dry, sieve to -80 mesh
3296	1	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	1	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1941	1	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	1	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	1	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	1	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	1	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	1	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	1	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	1	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	1	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	1	Zn ppm: Ultra trace package	EXT-ICP	1	5000

16 -08- 1995

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CERTIFICATE OF ANALYSIS A9523671

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm			
8814	203296	10	0.42	10.0	0.2	1.0	47.0	240	2.4	15.5	< 0.2	169			

CERTIFICATION: Ian Pitcher

Chemex Labs Ltd.

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CERTIFICATE OF ANALYSIS A9523671

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
8814	203296	10	0.42	10.0	0.2	1.0	47.0	240	2.4	15.5	< 0.2	169

CERTIFICATION: _____

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M5J 2S1

05 -09- 1995

A9525041

Comments: ATN; M. ROSATELLI

CERTIFICATE A9525041

(LZV) - KENNECOTT CANADA, INC.

Project: KAN
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 27-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	53	Dry, sieve to -80 mesh
238	53	Nitric-aqua-regia digestion
229	53	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	53	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	53	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	53	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	53	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	53	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	53	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	53	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	53	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	53	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	53	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	53	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	53	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	53	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	53	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	53	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	53	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	53	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	53	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	53	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	53	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	53	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	53	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	53	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	53	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	53	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	53	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	53	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	53	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	53	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	53	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	53	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	53	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	53	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	53	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	53	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : KAN
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 2
Certificate Date: 25-AUG-95
Invoice No. : I9525041
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525041

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
8835	201	238	< 5	2	40	< 0.2	0.85	< 2	40	< 0.5	< 2	0.33	< 0.5	4	30	10	2.63	< 10	< 10	0.10	20
8836	201	238	< 5	3	30	< 0.2	0.91	2	80	< 0.5	< 2	0.18	< 0.5	3	56	14	6.14	< 10	10	0.06	110
8837	201	238	< 5	2	26	< 0.2	0.59	4	60	< 0.5	2	0.46	< 0.5	5	26	10	2.46	< 10	10	0.08	10
8838	201	238	< 5	1	34	< 0.2	1.59	< 2	120	0.5	< 2	0.35	< 0.5	5	434	12	3.72	< 10	< 10	0.40	10
8839	201	238	< 5	5	50	< 0.2	1.32	< 2	80	< 0.5	2	0.56	< 0.5	9	48	24	4.80	< 10	20	0.21	20
8840	201	238	< 5	4	45	< 0.2	0.94	12	60	< 0.5	< 2	0.46	< 0.5	9	38	34	3.44	< 10	30	0.13	20
8841	201	238	< 5	5	75	< 0.2	1.90	4	100	0.5	2	0.44	< 0.5	9	52	8	5.83	< 10	10	0.09	10
8842	201	238	< 5	1	56	< 0.2	1.01	30	100	0.5	< 2	0.58	< 0.5	9	38	22	8.54	< 10	40	0.11	20
8843	201	238	< 5	3	42	< 0.2	0.75	2	70	< 0.5	2	0.32	< 0.5	5	30	15	4.17	< 10	10	0.07	20
8844	201	238	< 5	2	29	< 0.2	0.54	4	40	< 0.5	< 2	0.31	< 0.5	5	59	10	8.33	< 10	10	0.04	30
8845	201	238	< 5	3	39	< 0.2	1.27	6	110	0.5	2	0.39	< 0.5	6	312	15	4.47	< 10	10	0.35	10
8846	201	238	< 5	7	59	< 0.2	1.32	2	90	< 0.5	2	0.85	< 0.5	10	45	28	3.80	< 10	30	0.28	20
8847	201	238	< 5	2	24	< 0.2	0.55	2	70	< 0.5	2	0.33	< 0.5	4	22	10	2.30	< 10	10	0.05	10
8848	201	238	< 5	9	54	< 0.2	0.87	< 2	80	< 0.5	< 2	0.51	< 0.5	9	31	28	4.08	< 10	30	0.07	20
8849	201	238	< 5	3	36	< 0.2	0.81	2	50	< 0.5	< 2	0.32	< 0.5	6	30	16	3.48	< 10	10	0.09	20
8900	201	238	10	5	165	< 0.2	2.41	< 2	60	0.5	2	0.38	< 0.5	12	47	44	4.28	< 10	40	0.12	50
8901	201	238	< 5	4	39	< 0.2	0.65	4	30	< 0.5	2	0.39	< 0.5	6	41	16	6.01	< 10	30	0.07	30
8902	201	238	< 5	2	46	< 0.2	0.85	6	80	< 0.5	< 2	0.40	< 0.5	4	29	10	3.07	< 10	< 10	0.11	20
8903	201	238	< 5	4	39	< 0.2	0.73	4	40	< 0.5	< 2	0.30	< 0.5	6	32	14	3.57	< 10	10	0.08	20
8904	201	238	< 5	2	29	< 0.2	0.60	< 2	30	< 0.5	2	0.36	< 0.5	4	25	9	2.27	< 10	< 10	0.08	10
8905	201	238	< 5	10	86	< 0.2	1.54	4	120	0.5	2	0.53	< 0.5	8	44	45	4.23	< 10	110	0.19	30
8906	201	238	< 5	10	94	< 0.2	2.28	< 2	90	1.0	2	0.96	< 0.5	52	27	162	4.08	< 10	30	0.09	80
8907	201	238	10	5	60	< 0.2	1.27	4	50	< 0.5	2	0.38	< 0.5	9	41	19	4.92	< 10	80	0.12	30
8908	201	238	< 5	4	65	< 0.2	1.15	4	180	< 0.5	< 2	1.04	< 0.5	10	31	22	2.25	< 10	100	0.10	10
8909	201	238	< 5	3	39	< 0.2	0.76	< 2	20	< 0.5	2	0.78	< 0.5	4	24	32	1.99	< 10	50	0.06	40
8910	201	238	< 5	6	60	< 0.2	1.11	< 2	60	< 0.5	< 2	0.24	< 0.5	3	29	12	1.93	< 10	20	0.07	10
8911	201	238	10	2	31	< 0.2	0.52	< 2	40	< 0.5	< 2	0.23	< 0.5	4	28	12	4.31	< 10	< 10	0.03	10
8912	201	238	25	4	76	< 0.2	1.01	2	90	< 0.5	< 2	0.60	< 0.5	9	50	8	6.27	< 10	20	0.09	20
8913	201	238	< 5	2	31	< 0.2	0.63	< 2	20	< 0.5	< 2	0.26	< 0.5	5	26	11	2.47	< 10	10	0.05	10
8914	201	238	< 5	4	47	< 0.2	1.18	2	50	< 0.5	2	0.41	< 0.5	7	44	10	3.74	< 10	10	0.11	10
8915	201	238	15	3	54	< 0.2	1.08	< 2	130	< 0.5	< 2	0.76	< 0.5	6	29	28	2.16	< 10	10	0.14	20
8916	201	238	< 5	2	61	< 0.2	0.90	< 2	70	< 0.5	< 2	0.43	< 0.5	3	28	18	1.21	< 10	40	0.04	10
8917	201	238	< 5	1	48	< 0.2	0.77	4	100	< 0.5	< 2	0.35	< 0.5	6	24	16	3.81	< 10	20	0.05	10
8950	201	238	< 5	3	47	< 0.2	1.02	4	70	< 0.5	2	0.73	< 0.5	7	34	24	3.12	< 10	10	0.20	20
8951	201	238	< 5	2	325	< 0.2	2.54	6	70	0.5	< 2	0.30	1.0	27	33	28	4.67	< 10	10	0.11	90
8952	201	238	< 5	22	800	0.6	2.34	8	70	0.5	< 2	0.95	3.5	32	25	73	6.67	< 10	50	0.25	20
8953	201	238	< 5	73	305	2.2	1.16	14	10	< 0.5	< 2	0.06	0.5	8	29	102	>15.00	< 10	80	0.14	10
8954	201	238	< 5	1	29	< 0.2	0.53	< 2	30	< 0.5	2	0.42	< 0.5	4	22	9	2.21	< 10	< 10	0.07	10
8955	201	238	< 5	2	38	< 0.2	0.61	< 2	30	< 0.5	2	0.30	< 0.5	4	33	12	4.54	< 10	< 10	0.06	20
8956	201	238	< 5	3	45	< 0.2	0.72	2	30	< 0.5	< 2	0.29	< 0.5	4	25	15	2.51	< 10	20	0.07	10

CERTIFICATION: [signature]

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SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8835	201	238	0.50	210	< 1	0.01	13	810	2	< 2	2	9	0.08	< 10	< 10	32	< 10	40
8836	201	238	0.27	235	< 1	< 0.01	14	450	6	< 2	2	8	0.08	< 10	< 10	78	< 10	30
8837	201	238	0.44	485	< 1	< 0.01	12	790	4	< 2	1	10	0.06	< 10	< 10	27	< 10	30
8838	201	238	0.53	555	1	0.15	18	340	6	< 2	3	30	0.07	< 10	< 10	39	< 10	38
8839	201	238	0.84	795	< 1	0.02	23	830	8	< 2	3	15	0.10	< 10	< 10	53	< 10	54
8840	201	238	0.57	205	4	0.01	22	790	6	< 2	2	10	0.07	< 10	< 10	41	< 10	48
8841	201	238	0.89	455	< 1	< 0.01	27	1020	8	< 2	3	11	0.06	< 10	< 10	54	< 10	78
8842	201	238	0.61	1365	2	0.01	19	690	6	< 2	2	28	0.08	< 10	< 10	48	< 10	56
8843	201	238	0.46	715	< 1	< 0.01	14	680	8	< 2	2	11	0.05	< 10	< 10	36	< 10	40
8844	201	238	0.32	610	< 1	< 0.01	12	800	8	< 2	1	10	0.06	< 10	< 10	87	< 10	28
8845	201	238	0.52	575	< 1	0.13	19	430	4	< 2	3	29	0.07	< 10	< 10	34	< 10	38
8846	201	238	1.08	770	< 1	0.03	26	740	12	< 2	3	25	0.09	< 10	< 10	38	< 10	58
8847	201	238	0.39	1045	< 1	< 0.01	11	770	4	< 2	1	9	0.04	< 10	< 10	21	< 10	24
8848	201	238	0.50	1250	1	< 0.01	16	880	14	< 2	2	14	0.08	< 10	< 10	37	< 10	52
8849	201	238	0.55	610	< 1	< 0.01	16	690	8	< 2	2	10	0.07	< 10	< 10	33	< 10	36
8900	201	238	0.52	495	< 1	0.01	37	840	10	< 2	3	12	0.08	< 10	< 10	50	< 10	152
8901	201	238	0.40	745	< 1	< 0.01	15	920	8	< 2	2	12	0.07	< 10	< 10	59	< 10	34
8902	201	238	0.51	805	1	0.01	15	830	6	< 2	2	14	0.07	< 10	< 10	34	< 10	44
8903	201	238	0.49	480	< 1	< 0.01	16	800	4	< 2	1	10	0.05	< 10	< 10	32	< 10	38
8904	201	238	0.40	230	< 1	< 0.01	13	820	2	< 2	1	9	0.06	< 10	< 10	25	< 10	30
8905	201	238	0.82	325	< 1	0.01	27	780	14	< 2	4	15	0.07	< 10	< 10	44	< 10	80
8906	201	238	0.54	960	1	0.01	104	720	14	< 2	3	21	0.05	< 10	< 10	31	< 10	88
8907	201	238	0.71	355	1	< 0.01	22	750	8	< 2	3	11	0.08	< 10	< 10	42	< 10	54
8908	201	238	0.53	905	3	0.01	20	1150	4	< 2	2	17	0.06	< 10	< 10	29	< 10	66
8909	201	238	0.49	115	1	< 0.01	13	600	6	< 2	2	10	0.05	< 10	< 10	26	< 10	38
8910	201	238	0.47	175	< 1	< 0.01	13	920	6	< 2	2	8	0.06	< 10	< 10	28	< 10	54
8911	201	238	0.33	520	< 1	< 0.01	12	650	4	< 2	1	7	0.03	< 10	< 10	37	< 10	28
8912	201	238	0.59	1470	1	0.01	23	1120	14	2	2	15	0.06	< 10	< 10	62	< 10	72
8913	201	238	0.43	325	< 1	< 0.01	13	700	4	< 2	1	7	0.04	< 10	< 10	25	< 10	30
8914	201	238	0.64	975	1	0.01	21	470	8	< 2	2	13	0.07	< 10	< 10	42	< 10	42
8915	201	238	0.63	740	< 1	0.02	14	940	6	2	2	16	0.10	< 10	< 10	35	< 10	52
8916	201	238	0.49	175	< 1	< 0.01	12	840	6	< 2	2	11	0.04	< 10	< 10	18	< 10	58
8917	201	238	0.47	1960	< 1	< 0.01	15	650	6	< 2	1	10	0.04	< 10	< 10	27	< 10	46
8950	201	238	0.87	585	< 1	0.01	20	750	6	< 2	2	15	0.08	< 10	< 10	32	< 10	46
8951	201	238	0.47	4110	1	0.01	86	830	8	< 2	2	10	0.06	< 10	< 10	42	< 10	330
8952	201	238	0.64	5910	< 1	0.01	198	1270	26	< 2	2	66	0.06	< 10	< 10	30	< 10	740
8953	201	238	0.26	1585	2	< 0.01	18	760	76	< 2	4	3	0.04	< 10	20	30	< 10	288
8954	201	238	0.42	415	< 1	< 0.01	11	800	4	< 2	1	10	0.05	< 10	< 10	24	< 10	26
8955	201	238	0.37	465	< 1	< 0.01	14	740	4	< 2	1	11	0.06	< 10	< 10	48	< 10	34
8956	201	238	0.42	295	< 1	< 0.01	13	780	8	< 2	2	10	0.06	< 10	< 10	26	< 10	42

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624-2806 FAX: 905-624-6163

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : KAN
Comments: ATN; M. ROSATELLI

Certificate Date: 25-AUG-95
Invoice No. :19525041
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9525041

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
8957	201	238	< 5	2	36	< 0.2	0.70	< 2	30	< 0.5	2	0.30	< 0.5	6	26	12	2.66	< 10	10	0.07	10
8958	201	238	< 5	10	82	< 0.2	0.77	2	40	< 0.5	< 2	0.48	< 0.5	8	37	19	4.91	< 10	50	0.07	20
8959	201	238	25	6	57	< 0.2	0.69	< 2	30	< 0.5	2	0.42	0.5	8	29	13	3.14	< 10	20	0.06	20
8960	201	238	< 5	3	85	< 0.2	0.74	24	150	3.0	< 2	1.36	< 0.5	8	31	54	3.57	< 10	70	0.04	160
8961	201	238	< 5	5	76	< 0.2	1.38	< 2	40	0.5	2	0.39	< 0.5	8	42	20	4.43	< 10	60	0.07	20
8962	201	238	< 5	2	29	< 0.2	0.58	2	30	< 0.5	2	0.28	< 0.5	3	22	9	1.18	< 10	< 10	0.04	10
8963	201	238	< 5	1	39	< 0.2	1.17	< 2	120	< 0.5	2	0.32	< 0.5	5	357	14	3.74	< 10	10	0.33	10
8964	201	238	< 5	< 1	36	< 0.2	1.09	4	100	0.5	2	0.31	< 0.5	4	265	11	6.68	< 10	< 10	0.30	10
8965	201	238	< 5	3	30	< 0.2	0.63	< 2	80	< 0.5	< 2	0.31	< 0.5	4	28	12	4.08	< 10	10	0.06	20
8966	201	238	< 5	2	42	< 0.2	0.92	< 2	60	< 0.5	2	0.43	< 0.5	6	32	11	2.93	< 10	30	0.09	20
8967	201	238	< 5	3	67	< 0.2	1.45	6	150	0.5	< 2	0.39	< 0.5	9	307	17	8.31	< 10	10	0.35	20
8968	201	238	< 5	< 1	29	< 0.2	0.52	< 2	10	< 0.5	2	0.57	< 0.5	4	15	11	3.41	< 10	10	0.04	10
8969	201	238	< 5	< 1	55	< 0.2	0.73	6	100	< 0.5	2	0.38	< 0.5	7	24	21	4.75	< 10	20	0.03	10

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Project : KAN
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Certificate Date: 25-AUG-95
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CERTIFICATE OF ANALYSIS A9525041

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8957	201 238	0.46	220	< 1	< 0.01	14	740	8	2	1	8	0.04	< 10	< 10	26	< 10	34
8958	201 238	0.48	705	< 1	< 0.01	24	750	16	< 2	1	13	0.03	< 10	< 10	43	< 10	74
8959	201 238	0.43	485	< 1	< 0.01	26	700	8	< 2	1	12	0.04	< 10	< 10	29	< 10	52
8960	201 238	0.37	805	10	0.01	20	740	8	< 2	9	31	0.03	< 10	< 10	131	< 10	78
8961	201 238	0.82	440	1	< 0.01	25	880	8	< 2	3	10	0.06	< 10	< 10	38	< 10	66
8962	201 238	0.42	135	< 1	< 0.01	12	750	6	< 2	1	7	0.04	< 10	< 10	20	< 10	26
8963	201 238	0.48	1015	1	0.15	22	390	6	< 2	2	28	0.04	< 10	< 10	30	< 10	36
8964	201 238	0.45	775	1	0.12	16	390	12	< 2	3	26	0.06	< 10	< 10	47	< 10	32
8965	201 238	0.38	1040	< 1	< 0.01	14	850	8	< 2	1	9	0.04	< 10	< 10	33	< 10	32
8966	201 238	0.57	455	< 1	0.01	17	700	4	< 2	2	12	0.06	< 10	< 10	31	< 10	38
8967	201 238	0.63	2240	1	0.10	24	630	6	< 2	4	28	0.08	< 10	< 10	66	< 10	56
8968	201 238	0.49	195	4	< 0.01	9	720	4	< 2	1	11	0.07	< 10	< 10	28	< 10	28
8969	201 238	0.45	2030	1	< 0.01	15	670	6	< 2	1	9	0.03	< 10	< 10	28	< 10	48

CERTIFICATION:_____

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Page Number : 1-A
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SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
8835	201	238	< 5	2	40	< 0.2	0.85	< 2	40	< 0.5	< 2	0.33	< 0.5	4	30	10	2.63	< 10	< 10	0.10	20
8836	201	238	< 5	3	30	< 0.2	0.91	2	80	< 0.5	< 2	0.18	< 0.5	3	56	14	6.14	< 10	10	0.06	110
8837	201	238	< 5	2	26	< 0.2	0.59	4	60	< 0.5	2	0.46	< 0.5	5	26	10	2.46	< 10	10	0.08	10
8838	201	238	< 5	1	34	< 0.2	1.59	< 2	120	0.5	< 2	0.35	< 0.5	5	434	12	3.72	< 10	< 10	0.40	10
8839	201	238	< 5	5	50	< 0.2	1.32	< 2	80	< 0.5	2	0.56	< 0.5	9	48	24	4.80	< 10	20	0.21	20
8840	201	238	< 5	4	45	< 0.2	0.94	12	60	< 0.5	< 2	0.46	< 0.5	9	38	34	3.44	< 10	30	0.13	20
8841	201	238	< 5	5	75	< 0.2	1.90	4	100	0.5	2	0.44	< 0.5	9	52	8	5.83	< 10	10	0.09	10
8842	201	238	< 5	1	56	< 0.2	1.01	30	100	0.5	< 2	0.58	< 0.5	9	38	22	8.54	< 10	40	0.11	20
8843	201	238	< 5	3	42	< 0.2	0.75	2	70	< 0.5	2	0.32	< 0.5	5	30	15	4.17	< 10	10	0.07	20
8844	201	238	< 5	2	29	< 0.2	0.54	4	40	< 0.5	< 2	0.31	< 0.5	5	59	10	8.33	< 10	10	0.04	30
8845	201	238	< 5	3	39	< 0.2	1.27	6	110	0.5	2	0.39	< 0.5	6	312	15	4.47	< 10	10	0.35	10
8846	201	238	< 5	7	59	< 0.2	1.32	2	90	< 0.5	2	0.85	< 0.5	10	45	28	3.80	< 10	30	0.28	20
8847	201	238	< 5	2	24	< 0.2	0.55	2	70	< 0.5	2	0.33	< 0.5	4	22	10	2.30	< 10	10	0.05	10
8848	201	238	< 5	9	54	< 0.2	0.87	< 2	80	< 0.5	< 2	0.51	< 0.5	9	31	28	4.08	< 10	30	0.07	20
8849	201	238	< 5	3	36	< 0.2	0.81	2	50	< 0.5	< 2	0.32	< 0.5	6	30	16	3.48	< 10	10	0.09	20
8900	201	238	10	5	165	< 0.2	2.41	< 2	60	0.5	2	0.38	< 0.5	12	47	44	4.28	< 10	40	0.12	50
8901	201	238	< 5	4	39	< 0.2	0.65	4	30	< 0.5	2	0.39	< 0.5	6	41	16	6.01	< 10	30	0.07	30
8902	201	238	< 5	2	46	< 0.2	0.85	6	80	< 0.5	< 2	0.40	< 0.5	4	29	10	3.07	< 10	< 10	0.11	20
8903	201	238	< 5	4	39	< 0.2	0.73	4	40	< 0.5	< 2	0.30	< 0.5	6	32	14	3.57	< 10	10	0.08	20
8904	201	238	< 5	2	29	< 0.2	0.60	< 2	30	< 0.5	2	0.36	< 0.5	4	25	9	2.27	< 10	< 10	0.08	10
8905	201	238	< 5	10	86	< 0.2	1.54	4	120	0.5	2	0.53	< 0.5	8	44	45	4.23	< 10	110	0.19	30
8906	201	238	< 5	10	94	< 0.2	2.28	< 2	90	1.0	2	0.96	< 0.5	52	27	162	4.08	< 10	30	0.09	80
8907	201	238	10	5	60	< 0.2	1.27	4	50	< 0.5	2	0.38	< 0.5	9	41	19	4.92	< 10	80	0.12	30
8908	201	238	< 5	4	65	< 0.2	1.15	4	180	< 0.5	< 2	1.04	< 0.5	10	31	22	2.25	< 10	100	0.10	10
8909	201	238	< 5	3	39	< 0.2	0.76	< 2	20	< 0.5	2	0.78	< 0.5	4	24	32	1.99	< 10	50	0.06	40
8910	201	238	< 5	6	60	< 0.2	1.11	< 2	60	< 0.5	< 2	0.24	< 0.5	3	29	12	1.93	< 10	20	0.07	10
8911	201	238	10	2	31	< 0.2	0.52	< 2	40	< 0.5	< 2	0.23	< 0.5	4	28	12	4.31	< 10	< 10	0.03	10
8912	201	238	25	4	76	< 0.2	1.01	2	90	< 0.5	< 2	0.60	< 0.5	9	50	8	6.27	< 10	20	0.09	20
8913	201	238	< 5	2	31	< 0.2	0.63	< 2	20	< 0.5	< 2	0.26	< 0.5	5	26	11	2.47	< 10	10	0.05	10
8914	201	238	< 5	4	47	< 0.2	1.18	2	50	< 0.5	2	0.41	< 0.5	7	44	10	3.74	< 10	10	0.11	10
8915	201	238	15	3	54	< 0.2	1.08	< 2	130	< 0.5	< 2	0.76	< 0.5	6	29	28	2.16	< 10	10	0.14	20
8916	201	238	< 5	2	61	< 0.2	0.90	< 2	70	< 0.5	< 2	0.43	< 0.5	3	28	18	1.21	< 10	40	0.04	10
8917	201	238	< 5	1	48	< 0.2	0.77	4	100	< 0.5	< 2	0.35	< 0.5	6	24	16	3.81	< 10	20	0.05	10
8950	201	238	< 5	3	47	< 0.2	1.02	4	70	< 0.5	2	0.73	< 0.5	7	34	24	3.12	< 10	10	0.20	20
8951	201	238	< 5	2	325	< 0.2	2.54	6	70	0.5	< 2	0.30	1.0	27	33	28	4.67	< 10	10	0.11	90
8952	201	238	< 5	22	800	0.6	2.34	8	70	0.5	< 2	0.95	3.5	32	25	73	6.67	< 10	50	0.25	20
8953	201	238	< 5	73	305	2.2	1.16	14	10	< 0.5	< 2	0.06	0.5	8	29	102	>15.00	< 10	80	0.14	10
8954	201	238	< 5	1	29	< 0.2	0.53	< 2	30	< 0.5	2	0.42	< 0.5	4	22	9	2.21	< 10	< 10	0.07	10
8955	201	238	< 5	2	38	< 0.2	0.61	< 2	30	< 0.5	2	0.30	< 0.5	4	33	12	4.54	< 10	< 10	0.06	20
8956	201	238	< 5	3	45	< 0.2	0.72	2	30	< 0.5	< 2	0.29	< 0.5	4	25	15	2.51	< 10	20	0.07	10

CERTIFICATION:_____

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Page Number :1-B
Total Pages :2
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CERTIFICATE OF ANALYSIS A9525041

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8835	201	238	0.50	210	< 1	0.01	13	810	2	< 2	2	9	0.08	< 10	< 10	32	< 10	40
8836	201	238	0.27	235	< 1	< 0.01	14	450	6	< 2	2	8	0.08	< 10	< 10	78	< 10	30
8837	201	238	0.44	485	< 1	< 0.01	12	790	4	< 2	1	10	0.06	< 10	< 10	27	< 10	30
8838	201	238	0.53	555	1	0.15	18	340	6	< 2	3	30	0.07	< 10	< 10	39	< 10	38
8839	201	238	0.84	795	< 1	0.02	23	830	8	< 2	3	15	0.10	< 10	< 10	53	< 10	54
8840	201	238	0.57	205	4	0.01	22	790	6	< 2	2	10	0.07	< 10	< 10	41	< 10	48
8841	201	238	0.89	455	< 1	< 0.01	27	1020	8	< 2	3	11	0.06	< 10	< 10	54	< 10	78
8842	201	238	0.61	1365	2	0.01	19	690	6	< 2	2	28	0.08	< 10	< 10	48	< 10	56
8843	201	238	0.46	715	< 1	< 0.01	14	680	8	< 2	2	11	0.05	< 10	< 10	36	< 10	40
8844	201	238	0.32	610	< 1	< 0.01	12	800	8	< 2	1	10	0.06	< 10	< 10	87	< 10	28
8845	201	238	0.52	575	< 1	0.13	19	430	4	< 2	3	29	0.07	< 10	< 10	34	< 10	38
8846	201	238	1.08	770	< 1	0.03	26	740	12	< 2	3	25	0.09	< 10	< 10	38	< 10	58
8847	201	238	0.39	1045	< 1	< 0.01	11	770	4	< 2	1	9	0.04	< 10	< 10	21	< 10	24
8848	201	238	0.50	1250	1	< 0.01	16	880	14	< 2	2	14	0.08	< 10	< 10	37	< 10	52
8849	201	238	0.55	610	< 1	< 0.01	16	690	8	< 2	2	10	0.07	< 10	< 10	33	< 10	36
8900	201	238	0.52	495	< 1	0.01	37	840	10	< 2	3	12	0.08	< 10	< 10	50	< 10	152
8901	201	238	0.40	745	< 1	< 0.01	15	920	8	< 2	2	12	0.07	< 10	< 10	59	< 10	34
8902	201	238	0.51	805	1	0.01	15	830	6	< 2	2	14	0.07	< 10	< 10	34	< 10	44
8903	201	238	0.49	480	< 1	< 0.01	16	800	4	< 2	1	10	0.05	< 10	< 10	32	< 10	38
8904	201	238	0.40	230	< 1	< 0.01	13	820	2	< 2	1	9	0.06	< 10	< 10	25	< 10	30
8905	201	238	0.82	325	< 1	0.01	27	780	14	< 2	4	15	0.07	< 10	< 10	44	< 10	80
8906	201	238	0.54	960	1	0.01	104	720	14	< 2	3	21	0.05	< 10	< 10	31	< 10	88
8907	201	238	0.71	355	1	< 0.01	22	750	8	< 2	3	11	0.08	< 10	< 10	42	< 10	54
8908	201	238	0.53	905	3	0.01	20	1150	4	< 2	2	17	0.06	< 10	< 10	29	< 10	66
8909	201	238	0.49	115	1	< 0.01	13	600	6	< 2	2	10	0.05	< 10	< 10	26	< 10	38
8910	201	238	0.47	175	< 1	< 0.01	13	920	6	< 2	2	8	0.06	< 10	< 10	28	< 10	54
8911	201	238	0.33	520	< 1	< 0.01	12	650	4	< 2	1	7	0.03	< 10	< 10	37	< 10	28
8912	201	238	0.59	1470	1	0.01	23	1120	14	2	2	15	0.06	< 10	< 10	62	< 10	72
8913	201	238	0.43	325	< 1	< 0.01	13	700	4	< 2	1	7	0.04	< 10	< 10	25	< 10	30
8914	201	238	0.64	975	1	0.01	21	470	8	< 2	2	13	0.07	< 10	< 10	42	< 10	42
8915	201	238	0.63	740	< 1	0.02	14	940	6	2	2	16	0.10	< 10	< 10	35	< 10	52
8916	201	238	0.49	175	< 1	< 0.01	12	840	6	< 2	2	11	0.04	< 10	<.10	18	< 10	58
8917	201	238	0.47	1960	< 1	< 0.01	15	650	6	< 2	1	10	0.04	< 10	< 10	27	< 10	46
8950	201	238	0.87	585	< 1	0.01	20	750	6	< 2	2	15	0.08	< 10	< 10	32	< 10	46
8951	201	238	0.47	4110	1	0.01	86	830	8	< 2	2	10	0.06	< 10	< 10	42	< 10	330
8952	201	238	0.64	5910	< 1	0.01	198	1270	26	< 2	2	66	0.06	< 10	< 10	30	< 10	740
8953	201	238	0.26	1585	2	< 0.01	18	760	76	< 2	4	3	0.04	< 10	20	30	< 10	288
8954	201	238	0.42	415	< 1	< 0.01	11	800	4	< 2	1	10	0.05	< 10	< 10	24	< 10	26
8955	201	238	0.37	465	< 1	< 0.01	14	740	4	< 2	1	11	0.06	< 10	< 10	48	< 10	34
8956	201	238	0.42	295	< 1	< 0.01	13	780	8	< 2	2	10	0.06	< 10	< 10	26	< 10	42

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8957	201	238	< 5	2	36	< 0.2	0.70	< 2	30	< 0.5	2	0.30	< 0.5	6	26	12	2.66	< 10	10	0.07	10
8958	201	238	< 5	10	82	< 0.2	0.77	2	40	< 0.5	< 2	0.48	< 0.5	8	37	19	4.91	< 10	50	0.07	20
8959	201	238	25	6	57	< 0.2	0.69	< 2	30	< 0.5	2	0.42	0.5	8	29	13	3.14	< 10	20	0.06	20
8960	201	238	< 5	3	85	< 0.2	0.74	24	150	3.0	< 2	1.36	< 0.5	8	31	54	3.57	< 10	70	0.04	160
8961	201	238	< 5	5	76	< 0.2	1.38	< 2	40	0.5	2	0.39	< 0.5	8	42	20	4.43	< 10	60	0.07	20
8962	201	238	< 5	2	29	< 0.2	0.58	2	30	< 0.5	2	0.28	< 0.5	3	22	9	1.18	< 10	< 10	0.04	10
8963	201	238	< 5	1	39	< 0.2	1.17	< 2	120	< 0.5	2	0.32	< 0.5	5	357	14	3.74	< 10	10	0.33	10
8964	201	238	< 5	< 1	36	< 0.2	1.09	4	100	0.5	2	0.31	< 0.5	4	265	11	6.68	< 10	< 10	0.30	10
8965	201	238	< 5	3	30	< 0.2	0.63	< 2	80	< 0.5	< 2	0.31	< 0.5	4	28	12	4.08	< 10	10	0.06	20
8966	201	238	< 5	2	42	< 0.2	0.92	< 2	60	< 0.5	2	0.43	< 0.5	6	32	11	2.93	< 10	30	0.09	20
8967	201	238	< 5	3	67	< 0.2	1.45	6	150	0.5	< 2	0.39	< 0.5	9	307	17	8.31	< 10	10	0.35	20
8968	201	238	< 5	< 1	29	< 0.2	0.52	< 2	10	< 0.5	2	0.57	< 0.5	4	15	11	3.41	< 10	10	0.04	10
8969	201	238	< 5	< 1	55	< 0.2	0.73	6	100	< 0.5	2	0.38	< 0.5	7	24	21	4.75	< 10	20	0.03	10

CERTIFICATION:_____

Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga
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Project : KAN
Comments: ATN; M. ROSATELLI

Page Number :2-B
Total Pages :2
Certificate Date: 25-AUG-95
Invoice No. :19525041
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9525041

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8957	201	238	0.46	220	< 1	< 0.01	14	740	8	2	1	8	0.04	< 10	< 10	26	< 10	34
8958	201	238	0.48	705	< 1	< 0.01	24	750	16	< 2	1	13	0.03	< 10	< 10	43	< 10	74
8959	201	238	0.43	485	< 1	< 0.01	26	700	8	< 2	1	12	0.04	< 10	< 10	29	< 10	52
8960	201	238	0.37	805	10	0.01	20	740	8	< 2	9	31	0.03	< 10	< 10	131	< 10	78
8961	201	238	0.82	440	1	< 0.01	25	880	8	< 2	3	10	0.06	< 10	< 10	38	< 10	66
8962	201	238	0.42	135	< 1	< 0.01	12	750	6	< 2	1	7	0.04	< 10	< 10	20	< 10	26
8963	201	238	0.48	1015	1	0.15	22	390	6	< 2	2	28	0.04	< 10	< 10	30	< 10	36
8964	201	238	0.45	775	1	0.12	16	390	12	< 2	3	26	0.06	< 10	< 10	47	< 10	32
8965	201	238	0.38	1040	< 1	< 0.01	14	850	8	< 2	1	9	0.04	< 10	< 10	33	< 10	32
8966	201	238	0.57	455	< 1	0.01	17	700	4	< 2	2	12	0.06	< 10	< 10	31	< 10	38
8967	201	238	0.63	2240	1	0.10	24	630	6	< 2	4	28	0.08	< 10	< 10	66	< 10	56
8968	201	238	0.49	195	4	< 0.01	9	720	4	< 2	1	11	0.07	< 10	< 10	28	< 10	28
8969	201	238	0.45	2030	1	< 0.01	15	670	6	< 2	1	9	0.03	< 10	< 10	28	< 10	48

CERTIFICATION:_____

Chemex Labs Ltd.

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TORONTO, ON
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A9525042

Comments: ATN; M. ROSATELLI

CERTIFICATE A9525042

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 25-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	60	Dry, sieve to -80 mesh
238	60	Nitric-aqua-regia digestion
3296	60	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	60	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	60	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	60	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
1941	60	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	60	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	60	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	60	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	60	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	60	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	60	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	60	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	60	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	60	Zn ppm: Ultra trace package	EXT-ICP	1	5000

01 -29- 1995

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :1
Total Pages :2
Certificate Date: 22-AUG-95
Invoice No. :I9525042
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9525042

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
8634	201	238	< 5	3	24	0.08	5.0	< 0.2	0.2	49.4	40	0.4	5.0	< 0.2	15	
8635	201	238	< 5	6	158	0.28	97.0	0.2	0.3	98.4	60	1.8	11.0	0.2	138	
8636	201	238	< 5	10	114	0.40	112.0	0.2	0.2	82.2	50	13.4	17.0	1.6	108	
8637	201	238	< 5	44	110	0.28	339	0.4	0.2	99.2	180	55.8	59.5	9.0	104	
8638	201	238	< 5	2	62	0.58	18.6	0.4	0.8	196.0	150	1.8	4.5	0.6	22	
8639	201	238	< 5	7	1400	2.60	33.8	0.6	9.8	204	300	12.0	23.5	< 0.2	1275	
8640	201	238	< 5	7	950	1.10	18.6	0.6	4.3	113.0	200	5.8	15.0	< 0.2	569	
8641	201	238	< 5	5	295	0.50	6.6	0.2	1.8	55.0	130	2.2	9.0	< 0.2	265	
8642	201	238	< 5	9	265	0.44	7.8	0.2	1.4	45.4	140	2.0	13.5	< 0.2	248	
8643	201	238	< 5	14	210	0.20	16.4	< 0.2	1.0	36.4	80	3.0	20.0	< 0.2	208	
8644	201	238	< 5	5	196	0.16	4.2	< 0.2	0.9	25.2	40	1.2	10.0	< 0.2	204	
8645	201	238	< 5	5	230	0.18	4.6	0.2	1.1	28.8	60	1.4	10.5	< 0.2	229	
8646	201	238	< 5	8	256	0.62	9.0	< 0.2	1.1	70.8	150	3.0	13.5	< 0.2	253	
8647	201	238	< 5	12	228	0.50	13.8	0.2	1.1	51.2	170	5.4	17.0	< 0.2	240	
8648	201	238	< 5	23	356	0.68	54.4	0.2	1.7	139.0	160	12.6	31.0	0.6	364	
8649	201	238	< 5	66	500	2.34	25.0	0.8	3.3	237	330	8.8	83.0	0.2	337	
8650	201	238	< 5	14	290	1.90	19.0	0.4	4.3	154.0	270	9.4	20.5	0.4	179	
8651	201	238	< 5	34	1540	0.42	71.0	0.6	34.7	220	140	22.8	45.5	< 0.2	1290	
8652	201	238	100	56	1000	1.64	271	0.8	3.1	245	640	65.8	77.5	5.0	945	
8653	201	238	80	68	290	2.98	190.0	1.2	0.7	82.8	870	151.0	86.5	17.0	264	
8654	201	238	< 5	5	72	0.16	10.2	< 0.2	< 0.1	45.6	70	1.4	8.5	0.2	71	
8655	201	238	< 5	< 1	34	0.04	51.4	0.4	0.2	35.0	30	0.8	6.0	< 0.2	31	
8656	201	238	< 5	2	18	0.74	6.6	< 0.2	1.1	619	290	0.8	5.0	0.4	17	
8657	201	238	< 5	9	112	0.84	9.0	0.2	1.3	338	130	4.8	14.5	0.6	86	
8658	201	238	< 5	16	156	1.40	12.2	< 0.2	2.2	386	330	9.8	24.5	1.4	105	
8659	201	238	< 5	6	82	0.10	5.0	< 0.2	0.2	38.4	30	1.0	10.5	< 0.2	82	
8660	201	238	< 5	5	88	0.34	4.0	0.2	0.2	36.0	80	0.8	10.0	< 0.2	81	
8661	201	238	240	28	330	0.50	65.2	1.2	0.2	84.2	300	44.2	39.0	3.4	293	
8662	201	238	< 5	< 1	910	0.66	5.6	3.4	1.2	54.4	70	0.8	1.0	1.6	52	
8663	201	238	115	135	410	4.32	213	2.0	0.3	89.6	840	35.0	134.0	23.4	68	
8664	201	238	< 5	32	610	1.42	52.8	4.4	0.4	62.2	130	26.2	17.5	5.0	31	
8665	201	238	< 5	8	290	0.54	10.4	0.4	1.0	63.8	130	3.2	14.0	< 0.2	188	
8666	201	238	< 5	7	235	0.64	11.4	0.2	1.0	91.4	150	2.2	12.0	< 0.2	131	
9753	201	238	< 5	6	60	0.08	2.4	< 0.2	0.1	25.8	30	0.4	11.5	< 0.2	55	
9754	201	238	< 5	4	53	0.22	2.6	0.2	< 0.1	27.4	20	0.4	8.0	< 0.2	50	
9755	201	238	< 5	4	57	0.06	3.0	< 0.2	0.1	21.8	30	0.4	9.0	< 0.2	55	
9756	201	238	< 5	7	82	0.12	4.2	0.2	0.2	16.2	30	0.4	12.5	< 0.2	79	
9757	201	238	< 5	5	88	0.62	4.2	0.2	0.2	46.4	30	0.4	10.5	< 0.2	90	
9758	201	238	< 5	6	45	0.58	5.2	< 0.2	< 0.1	23.0	20	0.4	10.5	< 0.2	43	
9759	201	238	< 5	8	60	0.58	5.2	0.2	0.1	32.6	40	0.4	12.0	< 0.2	59	

CERTIFICATION: Ian Ross Fidler

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M5J 2S1

Project : KAN-431
Comments: ATN; M. ROSATELLI

Certificate Date: 22-AUG-95
Invoice No. : I9525042
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525042

SAMPLE	PREP CODE	Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
9760	201 238	< 5	2	60	0.64	4.0	0.2	< 0.1	13.4	10	0.4	7.5	< 0.2	56
9761	201 238	< 5	5	60	0.62	5.4	0.2	0.2	27.2	60	0.4	11.0	< 0.2	61
9762	201 238	< 5	5	52	0.64	4.8	< 0.2	0.1	27.2	30	0.4	11.5	< 0.2	53
9763	201 238	< 5	3	82	0.62	4.0	0.2	0.1	15.0	10	0.6	9.5	< 0.2	84
9764	201 238	< 5	3	80	0.72	2.2	0.2	0.1	19.6	20	0.4	9.0	< 0.2	89
9765	201 238	< 5	4	90	0.66	4.2	0.4	0.2	32.6	40	0.4	10.0	< 0.2	91
9766	201 238	< 5	4	68	0.60	2.8	< 0.2	0.1	17.0	40	0.4	9.0	< 0.2	60
9767	201 238	< 5	4	50	0.56	5.2	0.2	0.1	40.2	10	0.4	10.0	< 0.2	46
9768	201 238	< 5	3	44	0.62	4.2	< 0.2	< 0.1	20.8	20	0.4	9.0	< 0.2	44
9769	201 238	< 5	6	66	0.72	3.4	< 0.2	< 0.1	47.0	90	0.8	11.5	< 0.2	71
9770	201 238	< 5	< 1	50	0.56	2.6	< 0.2	< 0.1	394	10	0.2	6.0	< 0.2	52
9771	201 238	< 5	5	54	0.64	2.0	0.2	0.1	16.8	10	0.4	10.5	< 0.2	57
9772	201 238	< 5	4	65	0.58	3.8	< 0.2	0.1	18.0	20	0.4	9.5	< 0.2	61
9773	201 238	< 5	4	53	0.70	2.0	0.2	0.1	7.0	30	0.4	9.5	< 0.2	55
9774	201 238	< 5	2	56	0.60	4.4	0.2	< 0.1	31.6	40	0.4	10.0	< 0.2	61
9775	201 238	< 5	4	65	0.66	3.6	< 0.2	0.1	33.2	80	1.6	9.5	< 0.2	66
9776	201 238	< 5	2	64	0.58	3.6	0.2	< 0.1	29.0	40	0.2	8.0	< 0.2	63
9777	201 238	< 5	3	52	0.62	3.6	0.4	< 0.1	11.2	20	0.4	9.5	< 0.2	49
9778	201 238	< 5	2	48	0.60	2.2	0.2	< 0.1	8.8	20	0.4	7.5	< 0.2	40
9779	201 238	< 5	2	64	0.60	4.6	0.4	< 0.1	26.6	20	1.6	9.0	< 0.2	68

CERTIFICATION: Ian Bailey

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SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm	
8634	201	238	< 5	3	24	0.08	5.0	< 0.2	0.2	49.4	40	0.4	5.0	< 0.2	15	
8635	201	238	< 5	6	158	0.28	97.0	0.2	0.3	98.4	60	1.8	11.0	0.2	138	
8636	201	238	< 5	10	114	0.40	112.0	0.2	0.2	82.2	50	13.4	17.0	1.6	108	
8637	201	238	< 5	44	110	0.28	339	0.4	0.2	99.2	180	55.8	59.5	9.0	104	
8638	201	238	< 5	2	62	0.58	18.6	0.4	0.8	196.0	150	1.8	4.5	0.6	22	
8639	201	238	< 5	7	1400	2.60	33.8	0.6	9.8	204	300	12.0	23.5	< 0.2	1275	
8640	201	238	< 5	7	950	1.10	18.6	0.6	4.3	113.0	200	5.8	15.0	< 0.2	569	
8641	201	238	< 5	5	295	0.50	6.6	0.2	1.8	55.0	130	2.2	9.0	< 0.2	265	
8642	201	238	< 5	9	265	0.44	7.8	0.2	1.4	45.4	140	2.0	13.5	< 0.2	248	
8643	201	238	< 5	14	210	0.20	16.4	< 0.2	1.0	36.4	80	3.0	20.0	< 0.2	208	
8644	201	238	< 5	5	196	0.16	4.2	< 0.2	0.9	25.2	40	1.2	10.0	< 0.2	204	
8645	201	238	< 5	5	230	0.18	4.6	0.2	1.1	28.8	60	1.4	10.5	< 0.2	229	
8646	201	238	< 5	8	256	0.62	9.0	< 0.2	1.1	70.8	150	3.0	13.5	< 0.2	253	
8647	201	238	< 5	12	228	0.50	13.8	0.2	1.1	51.2	170	5.4	17.0	< 0.2	240	
8648	201	238	< 5	23	356	0.68	54.4	0.2	1.7	139.0	160	12.6	31.0	0.6	364	
8649	201	238	< 5	66	500	2.34	25.0	0.8	3.3	237	330	8.8	83.0	0.2	337	
8650	201	238	< 5	14	290	1.90	19.0	0.4	4.3	154.0	270	9.4	20.5	0.4	179	
8651	201	238	< 5	34	1540	0.42	71.0	0.6	34.7	220	140	22.8	45.5	< 0.2	1290	
8652	201	238	100	56	1000	1.64	271	0.8	3.1	245	640	65.8	77.5	5.0	945	
8653	201	238	80	68	290	2.98	190.0	1.2	0.7	82.8	870	151.0	86.5	17.0	264	
8654	201	238	< 5	5	72	0.16	10.2	< 0.2	< 0.1	45.6	70	1.4	8.5	0.2	71	
8655	201	238	< 5	< 1	34	0.04	51.4	0.4	0.2	35.0	30	0.8	6.0	< 0.2	31	
8656	201	238	< 5	2	18	0.74	6.6	< 0.2	1.1	619	290	0.8	5.0	0.4	17	
8657	201	238	< 5	9	112	0.84	9.0	0.2	1.3	338	130	4.8	14.5	0.6	86	
8658	201	238	< 5	16	156	1.40	12.2	< 0.2	2.2	386	330	9.8	24.5	1.4	105	
8659	201	238	< 5	6	82	0.10	5.0	< 0.2	0.2	38.4	30	1.0	10.5	< 0.2	82	
8660	201	238	< 5	5	88	0.34	4.0	0.2	0.2	36.0	80	0.8	10.0	< 0.2	81	
8661	201	238	240	28	330	0.50	65.2	1.2	0.2	84.2	300	44.2	39.0	3.4	293	
8662	201	238	< 5	< 1	910	0.66	5.6	3.4	1.2	54.4	70	0.8	1.0	1.6	52	
8663	201	238	115	135	410	4.32	213	2.0	0.3	89.6	840	35.0	134.0	23.4	68	
8664	201	238	< 5	32	610	1.42	52.8	4.4	0.4	62.2	130	26.2	17.5	5.0	31	
8665	201	238	< 5	8	290	0.54	10.4	0.4	1.0	63.8	130	3.2	14.0	< 0.2	188	
8666	201	238	< 5	7	235	0.64	11.4	0.2	1.0	91.4	150	2.2	12.0	< 0.2	131	
9753	201	238	< 5	6	60	0.08	2.4	< 0.2	0.1	25.8	30	0.4	11.5	< 0.2	55	
9754	201	238	< 5	4	53	0.22	2.6	0.2	< 0.1	27.4	20	0.4	8.0	< 0.2	50	
9755	201	238	< 5	4	57	0.06	3.0	< 0.2	0.1	21.8	30	0.4	9.0	< 0.2	55	
9756	201	238	< 5	7	82	0.12	4.2	0.2	0.2	16.2	30	0.4	12.5	< 0.2	79	
9757	201	238	< 5	5	88	0.62	4.2	0.2	0.2	46.4	30	0.4	10.5	< 0.2	90	
9758	201	238	< 5	6	45	0.58	5.2	< 0.2	< 0.1	23.0	20	0.4	10.5	< 0.2	43	
9759	201	238	< 5	8	60	0.58	5.2	0.2	0.1	32.6	40	0.4	12.0	< 0.2	59	

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number :2
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Certificate Date: 22-AUG-95
Invoice No. :I9525042
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Account :LZV

CERTIFICATE OF ANALYSIS A9525042

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
9760	201	238	< 5	2	60	0.64	4.0	0.2	< 0.1	13.4	10	0.4	7.5	< 0.2	56
9761	201	238	< 5	5	60	0.62	5.4	0.2	0.2	27.2	60	0.4	11.0	< 0.2	61
9762	201	238	< 5	5	52	0.64	4.8	< 0.2	0.1	27.2	30	0.4	11.5	< 0.2	53
9763	201	238	< 5	3	82	0.62	4.0	0.2	0.1	15.0	10	0.6	9.5	< 0.2	84
9764	201	238	< 5	3	80	0.72	2.2	0.2	0.1	19.6	20	0.4	9.0	< 0.2	89
9765	201	238	< 5	4	90	0.66	4.2	0.4	0.2	32.6	40	0.4	10.0	< 0.2	91
9766	201	238	< 5	4	68	0.60	2.8	< 0.2	0.1	17.0	40	0.4	9.0	< 0.2	60
9767	201	238	< 5	4	50	0.56	5.2	0.2	0.1	40.2	10	0.4	10.0	< 0.2	46
9768	201	238	< 5	3	44	0.62	4.2	< 0.2	< 0.1	20.8	20	0.4	9.0	< 0.2	44
9769	201	238	< 5	6	66	0.72	3.4	< 0.2	< 0.1	47.0	90	0.8	11.5	< 0.2	71
9770	201	238	< 5	< 1	50	0.56	2.6	< 0.2	< 0.1	394	10	0.2	6.0	< 0.2	52
9771	201	238	< 5	5	54	0.64	2.0	0.2	0.1	16.8	10	0.4	10.5	< 0.2	57
9772	201	238	< 5	4	65	0.58	3.8	< 0.2	0.1	18.0	20	0.4	9.5	< 0.2	61
9773	201	238	< 5	4	53	0.70	2.0	0.2	0.1	7.0	30	0.4	9.5	< 0.2	55
9774	201	238	< 5	2	56	0.60	4.4	0.2	< 0.1	31.6	40	0.4	10.0	< 0.2	61
9775	201	238	< 5	4	65	0.66	3.6	< 0.2	0.1	33.2	80	1.6	9.5	< 0.2	66
9776	201	238	< 5	2	64	0.58	3.6	0.2	< 0.1	29.0	40	0.2	8.0	< 0.2	63
9777	201	238	< 5	3	52	0.62	3.6	0.4	< 0.1	11.2	20	0.4	9.5	< 0.2	49
9778	201	238	< 5	2	48	0.60	2.2	0.2	< 0.1	8.8	20	0.4	7.5	< 0.2	40
9779	201	238	< 5	2	64	0.60	4.6	0.4	< 0.1	26.6	20	1.6	9.0	< 0.2	68

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
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A9525637

Comments: ATN; M. ROSATELLI

CERTIFICATE A9525637

(LZV) - KENNECOTT CANADA, INC.

Project: KAN-431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-SEP-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	36	Dry, sieve to -80 mesh
238	36	Nitric-aqua-regia digestion
229	36	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	36	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
4	36	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	36	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
2118	36	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	36	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	36	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	36	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	36	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	36	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	36	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	36	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	36	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	36	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	36	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	36	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	36	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
20	36	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
2132	36	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	36	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	36	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	36	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	36	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	36	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	36	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	36	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	36	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	36	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	36	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	36	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	36	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	36	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	36	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	36	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	36	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	36	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Project : KAN-431
Comments: ATN; M. ROSATELLI

Page Number : 1-A
Total Pages : 1
Certificate Date: 02-SEP-95
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P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525637

SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
7950A	201	238	< 5	< 1	41	< 0.2	0.65	4	30	< 0.5	< 2	0.33	< 0.5	6	45	13	5.45	< 10	20	0.06	20
7950B	201	238	< 5	< 1	40	< 0.2	0.64	4	40	< 0.5	2	0.33	< 0.5	6	40	11	4.91	< 10	50	0.05	20
7951	201	238	< 5	< 1	55	< 0.2	0.71	2	60	< 0.5	< 2	0.52	< 0.5	6	28	11	2.91	< 10	30	0.04	10
7952	201	238	< 5	2	50	< 0.2	0.97	2	80	< 0.5	< 2	0.75	< 0.5	8	29	15	2.77	< 10	30	0.12	10
7953	201	238	< 5	< 1	125	< 0.2	0.64	2	170	< 0.5	< 2	0.78	< 0.5	4	18	6	3.10	< 10	20	0.06	10
7957	201	238	< 5	< 1	36	< 0.2	0.59	4	20	< 0.5	< 2	0.32	< 0.5	4	36	19	4.33	< 10	< 10	0.04	20
7958	201	238	< 5	< 1	260	0.2	1.53	4	140	< 0.5	2	0.61	1.0	19	25	49	8.37	< 10	60	0.22	10
7959	201	238	< 5	< 1	345	0.8	8.54	< 2	70	0.5	2	0.04	2.0	9	13	102	9.12	< 10	90	0.07	10
7960	201	238	< 5	< 1	175	0.2	0.93	4	10	< 0.5	2	0.09	< 0.5	9	30	117	>15.00	< 10	< 10	0.05	< 10
7962	201	238	< 5	< 1	110	< 0.2	0.88	2	80	< 0.5	2	0.32	< 0.5	10	33	15	2.89	< 10	20	0.08	10
7963	201	238	< 5	< 1	114	< 0.2	2.08	6	160	< 0.5	2	0.39	0.5	15	51	33	8.07	< 10	60	0.10	20
8750	201	238	< 5	< 1	100	< 0.2	0.81	2	70	< 0.5	< 2	0.81	< 0.5	7	28	9	3.30	< 10	30	0.07	10
8815	201	238	< 5	4	32	< 0.2	0.39	< 2	40	< 0.5	< 2	1.94	0.5	1	10	23	0.54	< 10	130	0.03	< 10
8816	201	238	< 5	< 1	34	< 0.2	0.87	2	10	< 0.5	< 2	0.62	< 0.5	9	24	133	2.91	< 10	100	0.04	10
8817	201	238	< 5	< 1	30	< 0.2	0.58	2	30	< 0.5	< 2	0.62	< 0.5	6	31	13	2.73	< 10	< 10	0.08	10
8818	201	238	< 5	< 1	28	< 0.2	0.60	4	50	< 0.5	< 2	0.53	< 0.5	7	35	12	3.19	< 10	40	0.09	10
8819	201	238	< 5	5	280	0.2	1.71	4	90	0.5	< 2	0.76	1.0	12	30	85	3.04	< 10	120	0.14	10
8820	201	238	< 5	2	46	< 0.2	1.60	< 2	30	< 0.5	2	0.27	< 0.5	8	46	20	2.43	< 10	20	0.05	10
8821	201	238	< 5	1	278	< 0.2	4.80	2	40	0.5	< 2	0.61	1.0	44	24	144	3.47	< 10	110	0.03	40
8822	201	238	< 5	9	435	0.4	4.78	< 2	10	0.5	< 2	0.39	1.5	84	31	456	12.70	< 10	20	0.02	20
8823	201	238	< 5	< 1	90	< 0.2	0.89	2	40	< 0.5	< 2	0.33	< 0.5	10	28	15	2.10	< 10	40	0.06	10
8824	201	238	< 5	5	145	0.2	1.94	4	60	< 0.5	4	0.44	0.5	13	51	70	4.54	< 10	170	0.09	30
8825	201	238	< 5	2	60	< 0.2	1.13	2	100	< 0.5	2	0.46	< 0.5	10	63	24	5.09	< 10	< 10	0.21	20
8854	201	238	< 5	15	100	< 0.2	0.82	6	70	< 0.5	2	2.50	0.5	4	27	30	1.99	< 10	100	0.08	10
8855	201	238	< 5	10	112	< 0.2	1.00	6	40	< 0.5	2	3.65	< 0.5	11	25	15	2.76	< 10	60	0.08	10
8856	201	238	< 5	< 1	100	< 0.2	0.92	< 2	80	< 0.5	< 2	0.50	< 0.5	7	34	18	2.52	< 10	10	0.15	10
8857	201	238	< 5	2	2800	< 0.2	0.49	2	20	0.5	2	0.33	< 0.5	50	19	20	9.49	< 10	20	0.06	20
8858	201	238	< 5	3	60	< 0.2	1.01	2	80	< 0.5	2	0.77	< 0.5	8	37	22	2.89	< 10	30	0.22	10
8859	201	238	< 5	< 1	30	< 0.2	0.52	2	70	< 0.5	< 2	0.58	< 0.5	6	32	12	3.05	< 10	20	0.07	10
8860	201	238	< 5	4	63	< 0.2	1.34	4	90	< 0.5	2	0.69	< 0.5	11	44	26	3.79	< 10	30	0.22	20
8861	201	238	< 5	35	130	0.6	9.39	6	10	0.5	2	0.26	< 0.5	10	24	103	3.88	< 10	70	0.08	20
8862	201	238	< 5	52	1500	1.2	1.42	6	< 10	< 0.5	2	0.53	12.0	41	23	386	>15.00	< 10	130	0.01	20
8863	201	238	< 5	< 1	110	0.6	1.24	< 2	< 10	< 0.5	2	0.01	< 0.5	6	43	160	>15.00	< 10	70	< 0.01	< 10
8864	201	238	< 5	14	560	< 0.2	1.91	< 2	50	0.5	< 2	0.45	1.5	48	33	67	5.03	< 10	40	0.08	10
8865	201	238	< 5	10	550	< 0.2	1.86	< 2	50	< 0.5	< 2	0.54	1.0	27	41	55	4.58	< 10	20	0.11	10
8866	201	238	< 5	4	40	< 0.2	0.78	< 2	70	< 0.5	2	0.61	< 0.5	7	30	17	2.24	< 10	10	0.15	10

CERTIFICATION:

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Project : KAN-431
Comments: ATN; M. ROSATELLI

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Certificate Date: 02-SEP-95
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CERTIFICATE OF ANALYSIS A9525637

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7950A	201	238	0.39	645	< 1	< 0.01	14	800	6	< 2	2	12	0.04	< 10	< 10	68	< 10	36
7950B	201	238	0.39	680	< 1	< 0.01	13	790	6	< 2	1	12	0.04	< 10	< 10	60	< 10	38
7951	201	238	0.49	815	< 1	< 0.01	13	700	6	< 2	2	10	0.04	< 10	< 10	30	< 10	54
7952	201	238	0.71	320	< 1	< 0.01	16	790	6	< 2	3	12	0.07	< 10	< 10	33	< 10	48
7953	201	238	0.44	2300	< 1	< 0.01	14	1020	4	< 2	1	16	0.04	< 10	< 10	19	< 10	124
7957	201	238	0.34	285	< 1	< 0.01	12	830	4	< 2	2	9	0.05	< 10	< 10	51	< 10	34
7958	201	238	0.61	3420	3	< 0.01	41	720	6	2	2	19	0.08	< 10	< 10	30	< 10	246
7959	201	238	0.06	>10000	< 1	< 0.01	66	460	6	< 2	1	4	0.01	< 10	30	3	< 10	310
7960	201	238	0.29	365	< 1	< 0.01	16	530	12	< 2	3	1	0.17	< 10	10	109	< 10	142
7962	201	238	0.47	200	< 1	< 0.01	24	760	4	< 2	2	8	0.06	< 10	< 10	34	< 10	104
7963	201	238	1.18	1375	3	< 0.01	39	1180	8	< 2	6	10	0.08	< 10	< 10	85	< 10	104
8750	201	238	0.63	1050	< 1	< 0.01	15	710	4	< 2	2	15	0.04	< 10	< 10	33	< 10	96
8815	201	238	0.31	70	< 1	< 0.01	21	1030	8	< 2	1	22	0.01	< 10	10	8	< 10	34
8816	201	238	0.49	145	< 1	< 0.01	31	700	4	< 2	2	22	0.05	< 10	< 10	28	< 10	32
8817	201	238	0.57	335	< 1	< 0.01	13	900	4	< 2	1	11	0.04	< 10	< 10	35	< 10	28
8818	201	238	0.52	295	< 1	< 0.01	14	960	6	< 2	1	10	0.04	< 10	< 10	40	< 10	26
8819	201	238	0.41	695	3	< 0.01	41	1150	10	2	2	19	0.02	< 10	< 10	36	< 10	266
8820	201	238	0.62	205	< 1	< 0.01	24	100	6	< 2	1	6	0.07	< 10	< 10	42	< 10	40
8821	201	238	0.19	185	3	< 0.01	71	920	6	< 2	4	15	0.02	< 10	< 10	12	< 10	268
8822	201	238	0.22	2210	< 1	< 0.01	113	650	20	< 2	5	8	0.03	< 10	30	18	< 10	390
8823	201	238	0.46	160	< 1	< 0.01	22	730	4	< 2	2	8	0.06	< 10	< 10	26	< 10	88
8824	201	238	1.17	335	2	< 0.01	47	600	12	< 2	4	11	0.10	< 10	< 10	57	< 10	134
8825	201	238	0.72	365	< 1	0.01	23	900	8	< 2	3	12	0.08	< 10	< 10	75	< 10	54
8854	201	238	0.92	235	< 1	< 0.01	19	1110	16	< 2	2	36	0.02	< 10	< 10	17	< 10	96
8855	201	238	2.50	460	< 1	< 0.01	18	760	12	< 2	2	20	0.06	< 10	< 10	27	< 10	104
8856	201	238	0.64	220	4	0.01	24	800	4	< 2	2	13	0.08	< 10	< 10	29	< 10	92
8857	201	238	0.32	535	< 1	< 0.01	392	530	10	< 2	1	8	0.04	< 10	< 10	23	< 10	2750
8858	201	238	0.89	440	< 1	0.01	21	780	6	< 2	2	17	0.08	< 10	< 10	38	< 10	60
8859	201	238	0.50	345	< 1	< 0.01	12	990	4	< 2	1	12	0.04	< 10	< 10	37	< 10	28
8860	201	238	1.03	740	< 1	0.01	26	730	8	< 2	3	17	0.08	< 10	< 10	40	< 10	58
8861	201	238	0.24	245	1	< 0.01	19	610	38	< 2	12	7	0.03	< 10	< 10	20	< 10	124
8862	201	238	0.12	220	4	< 0.01	187	820	58	< 2	4	17	0.01	< 10	50	12	< 10	1475
8863	201	238	0.07	30	5	< 0.01	8	250	4	< 2	4	< 1	0.01	< 10	10	8	< 10	104
8864	201	238	0.47	1830	1	< 0.01	112	760	16	< 2	3	13	0.06	< 10	< 10	28	< 10	554
8865	201	238	0.69	1080	< 1	< 0.01	90	700	12	< 2	4	20	0.08	< 10	< 10	44	< 10	540
8866	201	238	0.74	340	< 1	< 0.01	17	680	6	< 2	2	12	0.06	< 10	< 10	28	< 10	40

CERTIFICATION: _____

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SAMPLE	PREP CODE		Au ppb FA+AA	Pb ppm	Zn ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
7950A	201	238	< 5	< 1	41	< 0.2	0.65	4	30	< 0.5	< 2	0.33	< 0.5	6	45	13	5.45	< 10	20	0.06	20
7950B	201	238	< 5	< 1	40	< 0.2	0.64	4	40	< 0.5	2	0.33	< 0.5	6	40	11	4.91	< 10	50	0.05	20
7951	201	238	< 5	< 1	55	< 0.2	0.71	2	60	< 0.5	< 2	0.52	< 0.5	6	28	11	2.91	< 10	30	0.04	10
7952	201	238	< 5	2	50	< 0.2	0.97	2	80	< 0.5	< 2	0.75	< 0.5	8	29	15	2.77	< 10	30	0.12	10
7953	201	238	< 5	< 1	125	< 0.2	0.64	2	170	< 0.5	< 2	0.78	< 0.5	4	18	6	3.10	< 10	20	0.06	10
7957	201	238	< 5	< 1	36	< 0.2	0.59	4	20	< 0.5	< 2	0.32	< 0.5	4	36	19	4.33	< 10	< 10	0.04	20
7958	201	238	< 5	< 1	260	0.2	1.53	4	140	< 0.5	2	0.61	1.0	19	25	49	8.37	< 10	60	0.22	10
7959	201	238	< 5	< 1	345	0.8	8.54	< 2	70	0.5	2	0.04	2.0	9	13	102	9.12	< 10	90	0.07	10
7960	201	238	< 5	< 1	175	0.2	0.93	4	10	< 0.5	2	0.09	< 0.5	9	30	117	>15.00	< 10	< 10	0.05	< 10
7962	201	238	< 5	< 1	110	< 0.2	0.88	2	80	< 0.5	2	0.32	< 0.5	10	33	15	2.89	< 10	20	0.08	10
7963	201	238	< 5	< 1	114	< 0.2	2.08	6	160	< 0.5	2	0.39	0.5	15	51	33	8.07	< 10	60	0.10	20
8750	201	238	< 5	< 1	100	< 0.2	0.81	2	70	< 0.5	< 2	0.81	< 0.5	7	28	9	3.30	< 10	30	0.07	10
8815	201	238	< 5	4	32	< 0.2	0.39	< 2	40	< 0.5	< 2	1.94	0.5	1	10	23	0.54	< 10	130	0.03	< 10
8816	201	238	< 5	< 1	34	< 0.2	0.87	2	10	< 0.5	< 2	0.62	< 0.5	9	24	133	2.91	< 10	100	0.04	10
8817	201	238	< 5	< 1	30	< 0.2	0.58	2	30	< 0.5	< 2	0.62	< 0.5	6	31	13	2.73	< 10	< 10	0.08	10
8818	201	238	< 5	< 1	28	< 0.2	0.60	4	50	< 0.5	< 2	0.53	< 0.5	7	35	12	3.19	< 10	40	0.09	10
8819	201	238	< 5	5	280	0.2	1.71	4	90	0.5	< 2	0.76	1.0	12	30	85	3.04	< 10	120	0.14	10
8820	201	238	< 5	2	46	< 0.2	1.60	< 2	30	< 0.5	2	0.27	< 0.5	8	46	20	2.43	< 10	20	0.05	10
8821	201	238	< 5	1	278	< 0.2	4.80	2	40	0.5	< 2	0.61	1.0	44	24	144	3.47	< 10	110	0.03	40
8822	201	238	< 5	9	435	0.4	4.78	< 2	10	0.5	< 2	0.39	1.5	84	31	456	12.70	< 10	20	0.02	20
8823	201	238	< 5	< 1	90	< 0.2	0.89	2	40	< 0.5	< 2	0.33	< 0.5	10	28	15	2.10	< 10	40	0.06	10
8824	201	238	< 5	5	145	0.2	1.94	4	60	< 0.5	4	0.44	0.5	13	51	70	4.54	< 10	170	0.09	30
8825	201	238	< 5	2	60	< 0.2	1.13	2	100	< 0.5	2	0.46	< 0.5	10	63	24	5.09	< 10	< 10	0.21	20
8854	201	238	< 5	15	100	< 0.2	0.82	6	70	< 0.5	2	2.50	0.5	4	27	30	1.99	< 10	100	0.08	10
8855	201	238	< 5	10	112	< 0.2	1.00	6	40	< 0.5	2	3.65	< 0.5	11	25	15	2.76	< 10	60	0.08	10
8856	201	238	< 5	< 1	100	< 0.2	0.92	< 2	80	< 0.5	< 2	0.50	< 0.5	7	34	18	2.52	< 10	10	0.15	10
8857	201	238	< 5	2	2800	< 0.2	0.49	2	20	0.5	2	0.33	< 0.5	50	19	20	9.49	< 10	20	0.06	20
8858	201	238	< 5	3	60	< 0.2	1.01	2	80	< 0.5	2	0.77	< 0.5	8	37	22	2.89	< 10	30	0.22	10
8859	201	238	< 5	< 1	30	< 0.2	0.52	2	70	< 0.5	< 2	0.58	< 0.5	6	32	12	3.05	< 10	20	0.07	10
8860	201	238	< 5	4	63	< 0.2	1.34	4	90	< 0.5	2	0.69	< 0.5	11	44	26	3.79	< 10	30	0.22	20
8861	201	238	< 5	35	130	0.6	9.39	6	10	0.5	2	0.26	< 0.5	10	24	103	3.88	< 10	70	0.08	20
8862	201	238	< 5	52	1500	1.2	1.42	6	< 10	< 0.5	2	0.53	12.0	41	23	386	>15.00	< 10	130	0.01	20
8863	201	238	< 5	< 1	110	0.6	1.24	< 2	< 10	< 0.5	2	0.01	< 0.5	6	43	160	>15.00	< 10	70	< 0.01	< 10
8864	201	238	< 5	14	560	< 0.2	1.91	< 2	50	0.5	< 2	0.45	1.5	48	33	67	5.03	< 10	40	0.08	10
8865	201	238	< 5	10	550	< 0.2	1.86	< 2	50	< 0.5	< 2	0.54	1.0	27	41	55	4.58	< 10	20	0.11	10
8866	201	238	< 5	4	40	< 0.2	0.78	< 2	70	< 0.5	2	0.61	< 0.5	7	30	17	2.24	< 10	10	0.15	10

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : KAN-431
Comments: ATN; M. ROSATELLI

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Certificate Date: 02-SEP-95
Invoice No. : I9525637
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9525637

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
7950A	201	238	0.39	645	< 1	< 0.01	14	800	6	< 2	2	12	0.04	< 10	< 10	68	< 10	36
7950B	201	238	0.39	680	< 1	< 0.01	13	790	6	< 2	1	12	0.04	< 10	< 10	60	< 10	38
7951	201	238	0.49	815	< 1	< 0.01	13	700	6	< 2	2	10	0.04	< 10	< 10	30	< 10	54
7952	201	238	0.71	320	< 1	< 0.01	16	790	6	< 2	3	12	0.07	< 10	< 10	33	< 10	48
7953	201	238	0.44	2300	< 1	< 0.01	14	1020	4	< 2	1	16	0.04	< 10	< 10	19	< 10	124
7957	201	238	0.34	285	< 1	< 0.01	12	830	4	< 2	2	9	0.05	< 10	< 10	51	< 10	34
7958	201	238	0.61	3420	3	< 0.01	41	720	6	2	2	19	0.08	< 10	< 10	30	< 10	246
7959	201	238	0.06	>10000	< 1	< 0.01	66	460	6	< 2	1	4	0.01	< 10	30	3	< 10	310
7960	201	238	0.29	365	< 1	< 0.01	16	530	12	< 2	3	1	0.17	< 10	10	109	< 10	142
7962	201	238	0.47	200	< 1	< 0.01	24	760	4	< 2	2	8	0.06	< 10	< 10	34	< 10	104
7963	201	238	1.18	1375	3	< 0.01	39	1180	8	< 2	6	10	0.08	< 10	< 10	85	< 10	104
8750	201	238	0.63	1050	< 1	< 0.01	15	710	4	< 2	2	15	0.04	< 10	< 10	33	< 10	96
8815	201	238	0.31	70	< 1	< 0.01	21	1030	8	< 2	1	22	0.01	< 10	10	8	< 10	34
8816	201	238	0.49	145	< 1	< 0.01	31	700	4	< 2	2	22	0.05	< 10	< 10	28	< 10	32
8817	201	238	0.57	335	< 1	< 0.01	13	900	4	< 2	1	11	0.04	< 10	< 10	35	< 10	28
8818	201	238	0.52	295	< 1	< 0.01	14	960	6	< 2	1	10	0.04	< 10	< 10	40	< 10	26
8819	201	238	0.41	695	3	< 0.01	41	1150	10	2	2	19	0.02	< 10	< 10	36	< 10	266
8820	201	238	0.62	205	< 1	< 0.01	24	100	6	< 2	1	6	0.07	< 10	< 10	42	< 10	40
8821	201	238	0.19	185	3	< 0.01	71	920	6	< 2	4	15	0.02	< 10	< 10	12	< 10	268
8822	201	238	0.22	2210	< 1	< 0.01	113	650	20	< 2	5	8	0.03	< 10	30	18	< 10	390
8823	201	238	0.46	160	< 1	< 0.01	22	730	4	< 2	2	8	0.06	< 10	< 10	26	< 10	88
8824	201	238	1.17	335	2	< 0.01	47	600	12	< 2	4	11	0.10	< 10	< 10	57	< 10	134
8825	201	238	0.72	365	< 1	0.01	23	900	8	< 2	3	12	0.08	< 10	< 10	75	< 10	54
8854	201	238	0.92	235	< 1	< 0.01	19	1110	16	< 2	2	36	0.02	< 10	< 10	17	< 10	96
8855	201	238	2.50	460	< 1	< 0.01	18	760	12	< 2	2	20	0.06	< 10	< 10	27	< 10	104
8856	201	238	0.64	220	4	0.01	24	800	4	< 2	2	13	0.08	< 10	< 10	29	< 10	92
8857	201	238	0.32	535	< 1	< 0.01	392	530	10	< 2	1	8	0.04	< 10	< 10	23	< 10	2750
8858	201	238	0.89	440	< 1	0.01	21	780	6	< 2	2	17	0.08	< 10	< 10	38	< 10	60
8859	201	238	0.50	345	< 1	< 0.01	12	990	4	< 2	1	12	0.04	< 10	< 10	37	< 10	28
8860	201	238	1.03	740	< 1	0.01	26	730	8	< 2	3	17	0.08	< 10	< 10	40	< 10	58
8861	201	238	0.24	245	1	< 0.01	19	610	38	< 2	12	7	0.03	< 10	< 10	20	< 10	124
8862	201	238	0.12	220	4	< 0.01	187	820	58	< 2	4	17	0.01	< 10	50	12	< 10	1475
8863	201	238	0.07	30	5	< 0.01	8	250	4	< 2	4	< 1	0.01	< 10	10	8	< 10	104
8864	201	238	0.47	1830	1	< 0.01	112	760	16	< 2	3	13	0.06	< 10	< 10	28	< 10	554
8865	201	238	0.69	1080	< 1	< 0.01	90	700	12	< 2	4	20	0.08	< 10	< 10	44	< 10	540
8866	201	238	0.74	340	< 1	< 0.01	17	680	6	< 2	2	12	0.06	< 10	< 10	28	< 10	40

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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A9529743

Comments: ATN; M. ROSATELLI

CERTIFICATE A9529743

(LZV) - KENNECOTT CANADA, INC.

Project:
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 10-OCT-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	158	Dry, sieve to -80 mesh
3296	158	Ultra trace digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	158	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1941	158	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	158	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	158	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	158	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	158	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
20	158	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
1939	158	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	158	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	158	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	158	Zn ppm: Ultra trace package	EXT-ICP	1	5000

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Project :
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Page Number :1
Total Pages :4
Certificate Date: 10-OCT-95
Invoice No. :19529743
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9529743

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm			
7600	203296	< 5	0.12	7.6	1.4	< 0.1	30.6	60	0.4	4.5	< 0.2	20			
7601	203296	< 5	0.06	2.2	0.8	0.1	15.6	60	0.2	2.5	< 0.2	21			
7602	203296	< 5	0.12	6.4	0.6	< 0.1	22.8	80	1.0	5.0	< 0.2	33			
7603	203296	< 5	0.10	3.0	0.8	0.1	15.0	80	2.8	6.0	< 0.2	40			
7604	203296	200	0.02	1.6	0.6	0.1	2.8	30	0.2	3.0	< 0.2	29			
7605	203296	170	0.08	2.8	1.2	0.1	6.6	40	0.6	4.0	< 0.2	25			
7606	203296	30	0.12	9.8	1.2	0.3	51.4	40	1.4	33.0	< 0.2	149			
7607	203296	310	0.06	2.0	1.0	0.1	11.2	70	0.6	5.0	< 0.2	27			
7608	203296	< 5	0.12	31.0	0.2	0.1	55.8	60	2.4	13.5	< 0.2	82			
7609	203296	1630	0.28	5.4	0.8	0.3	43.6	80	0.8	6.0	< 0.2	51			
7610	203296	50	0.06	2.8	0.6	0.4	7.6	60	0.8	6.5	< 0.2	58			
7611	203296	1920	0.32	2.6	2.6	0.4	14.0	100	0.4	6.5	< 0.2	22			
7612	203296	10	0.02	8.0	1.2	< 0.1	5.4	60	0.4	3.5	< 0.2	17			
7613	203296	< 5	0.10	3.8	1.4	0.1	9.4	50	1.6	5.5	< 0.2	26			
7614	203296	< 5	0.06	3.0	0.4	< 0.1	11.8	30	0.2	5.0	< 0.2	35			
7615	203296	< 5	0.10	9.0	1.0	< 0.1	24.4	60	1.4	5.5	< 0.2	23			
7616	203296	< 5	0.04	4.4	2.2	< 0.1	9.2	30	1.4	2.5	< 0.2	16			
7617	203296	< 5	0.06	4.8	1.4	< 0.1	36.2	20	1.0	1.5	1.2	3			
7618	203296	15	0.12	11.2	3.4	0.1	30.6	60	1.0	4.5	< 0.2	10			
7619	203296	720	0.30	5.2	2.8	0.1	23.6	40	1.0	6.0	< 0.2	22			
7620	203296	< 5	0.04	5.0	2.2	< 0.1	8.2	50	0.6	3.0	< 0.2	12			
7621	203296	105	0.08	3.0	1.2	0.1	17.4	30	0.4	4.0	< 0.2	25			
7622	203296	< 5	0.12	2.6	0.4	0.1	12.8	40	0.4	4.5	< 0.2	22			
7623	203296	410	0.28	17.8	5.0	0.1	42.2	80	0.6	1.5	< 0.2	12			
7624	203296	< 5	0.06	3.4	< 0.2	< 0.1	16.2	20	0.4	6.0	< 0.2	38			
7625	203296	155	0.04	12.8	3.6	0.1	8.8	40	0.8	3.0	< 0.2	9			
7626	203296	< 5	0.04	6.2	1.8	< 0.1	8.6	40	1.8	3.0	< 0.2	19			
7627	203296	< 5	0.08	3.2	2.0	0.1	7.4	30	1.4	3.0	< 0.2	28			
7628	203296	< 5	0.08	2.2	2.4	< 0.1	10.6	40	1.0	2.5	< 0.2	24			
7629	203296	< 5	0.20	7.2	2.4	< 0.1	32.6	40	0.4	4.0	< 0.2	11			
7630	203296	< 5	0.18	20.4	2.0	< 0.1	32.4	70	0.4	2.0	< 0.2	17			
7631	203296	< 5	0.12	4.8	0.4	0.1	144.5	70	0.2	3.0	< 0.2	64			
7632	203296	< 5	0.02	8.4	1.8	< 0.1	28.2	30	< 0.2	< 0.5	< 0.2	17			
7633	203296	< 5	0.08	7.4	5.2	0.1	33.0	80	0.2	< 0.5	0.2	7			
7634	203296	45	< 0.02	3.4	2.4	0.1	14.6	50	0.6	4.5	< 0.2	15			
7635	203296	15	< 0.02	3.2	2.4	0.1	5.2	40	0.2	3.5	< 0.2	12			
7636	203296	< 5	< 0.02	5.2	3.6	0.3	8.4	80	1.2	3.0	< 0.2	10			
7637	203296	10	0.04	4.2	3.4	0.2	15.2	50	0.6	5.0	< 0.2	17			
7638	203296	145	0.14	2.2	1.2	0.2	16.6	40	0.4	5.0	< 0.2	38			
7639	203296	1450	0.06	2.6	3.2	0.1	10.0	40	0.8	4.5	< 0.2	18			

CERTIFICATION:

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Certificate Date: 10-OCT-95
Invoice No. : I9529743
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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
7640	203296	285	0.20	2.6	2.4	0.3	19.4	40	0.4	3.5	< 0.2	11
7641	203296	450	0.02	3.4	3.2	0.1	14.4	60	0.6	3.5	< 0.2	8
7642	203296	< 5	0.06	6.0	3.0	0.2	40.8	60	0.4	3.5	0.2	19
7643	203296	< 5	< 0.02	8.6	3.2	< 0.1	43.2	60	0.2	1.5	< 0.2	12
7644	203296	< 5	0.02	4.8	0.6	< 0.1	13.8	20	< 0.2	0.5	< 0.2	18
7645	203296	30	0.10	3.8	2.6	0.2	23.8	40	0.4	3.0	< 0.2	16
7646	203296	85	0.10	9.2	2.2	0.1	11.2	110	< 0.2	5.5	< 0.2	18
7647	203296	195	0.02	2.8	0.8	0.1	8.4	40	1.4	6.0	< 0.2	38
7648	203296	15	0.08	4.0	3.2	0.3	14.8	40	1.8	5.5	< 0.2	19
7649	203296	50	0.26	11.4	1.8	0.4	54.0	100	1.2	46.0	< 0.2	108
7650	203296	70	0.04	3.8	3.6	0.3	14.6	100	< 0.2	6.0	< 0.2	10
7651	203296	< 5	0.06	6.4	2.6	0.3	47.0	60	< 0.2	4.0	< 0.2	34
7652	203296	95	< 0.02	7.0	2.4	< 0.1	17.2	60	0.2	3.0	< 0.2	22
7653	203296	< 5	0.14	4.8	3.0	0.1	57.4	60	1.0	9.5	< 0.2	40
7654	203296	< 5	< 0.02	8.0	2.4	0.2	7.6	70	< 0.2	4.5	< 0.2	25
7655	203296	90	0.38	2.4	2.0	0.2	73.8	30	1.2	12.0	< 0.2	37
7656	203296	< 5	0.16	4.4	0.6	0.1	38.4	50	0.8	9.5	< 0.2	46
7657	203296	< 5	0.02	1.6	0.2	< 0.1	15.8	20	0.2	5.0	< 0.2	22
7658	203296	< 5	0.12	4.4	1.8	0.3	49.2	90	1.0	8.0	< 0.2	73
7659	203296	< 5	1.30	1.2	1.2	0.8	140.0	60	8.8	22.0	< 0.2	106
7660	203296	< 5	0.04	3.8	3.0	0.6	11.6	40	0.2	5.5	< 0.2	16
7661	203296	< 5	< 0.02	7.2	0.8	0.1	14.0	40	0.4	4.0	< 0.2	23
7662	203296	< 5	0.12	3.4	2.8	0.4	18.4	50	0.4	7.5	< 0.2	41
7663	203296	50	0.02	3.2	2.2	0.4	9.4	60	0.4	4.0	< 0.2	24
7664	203296	< 5	< 0.02	4.0	1.8	0.1	12.2	50	0.4	4.0	< 0.2	20
7665	203296	< 5	0.12	7.6	2.0	0.1	5.8	90	5.4	17.0	< 0.2	24
7666	203296	530	0.10	1.4	1.2	0.1	19.6	70	0.6	4.0	< 0.2	25
7667	203296	< 5	0.02	1.4	0.4	< 0.1	10.6	10	0.2	5.5	< 0.2	21
7668	203296	< 5	0.24	6.2	0.6	0.2	25.0	40	1.2	42.0	< 0.2	51
7669	203296	< 5	0.16	9.2	2.0	< 0.1	13.2	40	1.6	6.5	< 0.2	16
7670	203296	< 5	0.02	3.2	1.6	0.3	5.4	190	0.6	9.0	< 0.2	25
7671	203296	< 5	< 0.02	4.0	2.0	< 0.1	4.6	70	1.0	5.5	< 0.2	17
7672	203296	< 5	0.02	1.4	1.2	0.1	10.4	70	0.6	5.0	< 0.2	24
7673	203296	15	0.66	3.6	2.8	0.1	78.6	70	0.8	5.0	< 0.2	17
7674	203296	< 5	0.84	1.2	1.8	0.3	162.5	50	0.6	8.5	< 0.2	36
7675	203296	< 5	0.22	3.6	2.2	0.1	18.6	60	1.4	11.5	< 0.2	16
7676	203296	< 5	0.02	2.2	1.8	< 0.1	2.4	40	0.4	2.0	< 0.2	20
7677	203296	< 5	0.52	1.2	1.4	0.1	35.6	30	0.8	13.0	< 0.2	27
7678	203296	< 5	0.16	2.6	1.4	0.1	9.0	30	1.0	7.5	< 0.2	26
7679	203296	< 5	0.58	181.0	1.8	0.7	29.2	200	13.4	70.5	3.0	279

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project :
Comments: ATN; M. ROSATELLI

Certificate Date: 10-OCT-95
Invoice No. :I9529743
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9529743

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
7680	203296	15	0.28	5.0	3.0	0.2	38.0	30	1.4	7.0	< 0.2	44
7681	203296	< 5	0.14	2.4	1.2	< 0.1	27.2	20	0.6	3.0	< 0.2	37
7700	203296	< 5	0.04	5.2	1.0	< 0.1	25.6	30	1.2	7.5	< 0.2	21
7701	203296	< 5	0.04	8.8	1.8	< 0.1	32.4	30	0.4	4.5	< 0.2	35
7702	203296	135	0.04	11.0	1.8	< 0.1	30.4	50	0.4	4.5	< 0.2	23
7703	203296	< 5	0.04	3.8	0.2	< 0.1	20.8	20	0.6	7.5	< 0.2	56
7704	203296	65	0.20	6.8	1.8	0.3	18.8	70	0.4	5.5	< 0.2	23
7705	203296	695	0.16	3.4	1.6	0.1	15.0	40	0.2	3.0	< 0.2	24
7706	203296	< 5	0.06	3.6	2.2	0.1	6.6	50	0.4	6.0	< 0.2	37
7707	203296	20	0.12	5.2	0.8	0.2	20.8	40	1.2	10.0	< 0.2	70
7708	203296	< 5	0.16	2.8	0.6	0.3	38.6	60	0.4	9.0	< 0.2	54
7709	203296	< 5	0.08	5.4	0.4	< 0.1	21.4	10	0.2	7.0	< 0.2	41
7710	203296	< 5	0.20	5.8	1.8	0.1	26.6	50	0.2	5.5	< 0.2	30
7711	203296	30	0.02	3.0	2.0	0.3	7.4	30	0.4	7.0	< 0.2	44
7712	203296	3140	0.26	2.2	1.4	0.1	23.2	20	0.8	5.0	< 0.2	40
7713	203296	< 5	0.06	3.0	1.2	0.1	8.4	10	0.4	5.0	< 0.2	39
7714	203296	< 5	0.08	8.0	1.8	0.2	14.8	20	1.0	8.5	< 0.2	35
7715	203296	190	0.12	6.6	2.0	0.2	18.4	60	0.4	4.0	< 0.2	27
7716	203296	< 5	0.06	4.0	1.8	< 0.1	17.6	40	0.8	5.0	< 0.2	18
7717	203296	< 5	0.14	8.2	2.0	0.2	25.8	70	0.4	4.5	< 0.2	21
7718	203296	< 5	0.30	4.0	2.2	0.4	93.0	80	1.4	6.0	< 0.2	24
7719	203296	85	0.04	4.0	2.2	0.1	46.4	50	0.8	4.5	< 0.2	36
7720	203296	< 5	0.04	194.5	4.2	< 0.1	123.0	80	0.4	4.0	2.4	24
7721	203296	< 5	0.12	5.6	1.8	< 0.1	19.2	20	0.6	5.0	< 0.2	11
7722	203296	< 5	0.28	5.8	3.2	0.3	28.0	30	0.4	7.5	< 0.2	22
7723	203296	< 5	0.06	3.8	2.6	< 0.1	8.0	40	0.6	3.0	< 0.2	28
7724	203296	< 5	< 0.02	2.6	2.4	< 0.1	4.8	30	0.2	2.5	< 0.2	16
7725	203296	< 5	0.12	6.0	3.6	0.2	19.0	20	0.6	5.0	< 0.2	64
7726	203296	15	0.30	7.8	1.4	0.2	37.4	60	0.8	18.5	0.4	61
7727	203296	< 5	0.02	3.0	0.6	< 0.1	7.8	10	0.4	6.5	< 0.2	36
7728	203296	< 5	0.02	10.4	0.8	0.1	17.8	20	0.2	14.5	< 0.2	49
7729	203296	30	0.02	4.0	2.4	0.1	8.8	30	0.2	5.5	< 0.2	33
7730	203296	< 5	0.02	3.4	3.0	< 0.1	6.8	120	0.4	4.5	< 0.2	20
7731	203296	< 5	0.20	5.6	1.6	0.3	51.6	50	0.2	5.0	< 0.2	33
7732	203296	< 5	0.08	5.8	2.4	0.1	35.8	40	0.4	6.0	< 0.2	39
7733	203296	< 5	0.08	22.6	2.4	< 0.1	67.0	30	0.6	5.0	< 0.2	42
7734	203296	< 5	0.02	4.4	1.6	< 0.1	38.8	30	0.8	3.5	< 0.2	27
7735	203296	< 5	0.08	3.0	2.0	0.2	40.6	60	0.2	3.5	< 0.2	22
7736	203296	320	< 0.02	3.0	2.0	0.1	6.2	60	0.8	4.0	< 0.2	32
7737	203296	30	0.02	3.2	2.4	0.1	9.8	40	0.8	4.0	< 0.2	38

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
7738	203296	1000	0.32	5.0	4.2	0.1	16.0	40	0.8	5.5	< 0.2	24
7739	203296	65	0.02	2.0	0.6	0.1	10.2	40	0.4	5.0	< 0.2	45
7740	203296	< 5	0.02	2.8	0.8	< 0.1	5.4	20	0.2	4.0	< 0.2	25
7741	203296	< 5	< 0.02	5.0	4.0	0.1	8.4	40	0.4	4.0	< 0.2	24
7742	203296	95	0.06	3.2	2.0	0.1	21.0	50	0.8	6.5	< 0.2	32
7743	203296	305	0.02	3.8	1.4	0.2	17.6	60	0.2	5.0	< 0.2	30
7744	203296	< 5	< 0.02	6.6	2.2	< 0.1	21.2	60	0.2	2.5	< 0.2	29
7745	203296	< 5	< 0.02	9.2	1.2	< 0.1	22.8	40	0.4	2.0	< 0.2	24
7746	203296	< 5	< 0.02	13.0	1.4	< 0.1	16.6	30	0.4	3.0	< 0.2	31
7747	203296	< 5	0.16	1.6	1.0	0.1	23.4	20	< 0.2	5.0	< 0.2	59
7748	203296	315	0.10	3.0	2.2	0.2	13.2	30	0.2	5.0	< 0.2	40
7749	203296	590	0.20	2.4	1.6	0.1	10.4	30	0.4	3.0	< 0.2	33
7750	203296	< 5	< 0.02	2.6	0.4	< 0.1	10.8	10	< 0.2	0.5	< 0.2	12
7751	203296	< 5	< 0.02	6.8	2.2	0.1	19.0	50	0.4	4.5	< 0.2	30
7752	203296	70	0.08	3.4	1.6	0.2	16.8	30	0.2	5.0	< 0.2	33
7753	203296	< 5	0.08	1.8	1.0	0.2	11.4	80	< 0.2	5.5	< 0.2	37
7754	203296	10	0.88	4.4	1.0	0.1	92.8	100	6.2	42.0	0.6	62
7755	203296	40	0.24	6.8	3.0	1.6	5.8	200	2.2	121.0	< 0.2	203
7756	203296	< 5	0.10	7.0	0.6	< 0.1	28.4	40	0.4	11.0	< 0.2	54
7757	203296	10	2.62	7.4	5.4	0.2	199.0	120	1.4	19.0	< 0.2	33
7758	203296	150	0.04	4.8	2.8	0.1	10.8	80	0.2	5.5	< 0.2	41
7759	203296	< 5	< 0.02	6.6	2.0	< 0.1	13.2	40	0.4	5.0	< 0.2	40
7760	203296	< 5	0.12	3.4	1.6	0.4	14.0	70	< 0.2	9.5	< 0.2	68
7761	203296	10	0.08	4.2	2.4	0.3	14.6	90	< 0.2	4.5	< 0.2	38
7762	203296	< 5	0.22	4.4	2.2	0.2	31.8	70	1.6	10.5	< 0.2	55
7763	203296	15	0.40	5.2	2.8	< 0.1	18.0	60	1.8	7.0	< 0.2	21
7764	203296	< 5	0.72	11.0	0.6	0.4	338	60	1.2	14.5	< 0.2	48
7765	203296	< 5	0.20	9.2	0.4	< 0.1	39.8	30	1.2	6.5	< 0.2	55
7766	203296	< 5	0.06	6.0	1.6	< 0.1	28.6	60	0.2	2.5	< 0.2	33
7767	203296	< 5	0.10	4.2	3.2	0.4	21.0	70	0.4	9.5	< 0.2	36
7768	203296	270	0.12	5.8	2.0	0.2	42.6	60	0.8	9.5	< 0.2	61
7769	203296	< 5	0.02	2.8	1.6	< 0.1	5.4	50	0.6	4.0	< 0.2	27
7770	203296	< 5	< 0.02	12.4	3.2	< 0.1	5.2	50	1.2	4.5	< 0.2	12
7771	203296	85	0.04	5.6	3.2	< 0.1	7.4	80	0.4	7.0	< 0.2	23
7772	203296	< 5	0.18	7.8	5.4	0.3	32.4	110	0.2	4.5	< 0.2	9
7773	203296	< 5	0.08	4.4	2.6	0.1	20.6	70	0.2	5.0	< 0.2	18
7774	203296	< 5	< 0.02	17.0	6.6	< 0.1	119.0	50	1.4	0.5	< 0.2	7
7775	203296	35	0.02	4.2	3.8	< 0.1	10.0	60	1.0	4.0	< 0.2	32

CERTIFICATION:

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7600	203296	< 5	0.12	7.6	1.4	< 0.1	30.6	60	0.4	4.5	< 0.2	20
7601	203296	< 5	0.06	2.2	0.8	0.1	15.6	60	0.2	2.5	< 0.2	21
7602	203296	< 5	0.12	6.4	0.6	< 0.1	22.8	80	1.0	5.0	< 0.2	33
7603	203296	< 5	0.10	3.0	0.8	0.1	15.0	80	2.8	6.0	< 0.2	40
7604	203296	200	0.02	1.6	0.6	0.1	2.8	30	0.2	3.0	< 0.2	29
7605	203296	170	0.08	2.8	1.2	0.1	6.6	40	0.6	4.0	< 0.2	25
7606	203296	30	0.12	9.8	1.2	0.3	51.4	40	1.4	33.0	< 0.2	149
7607	203296	310	0.06	2.0	1.0	0.1	11.2	70	0.6	5.0	< 0.2	27
7608	203296	< 5	0.12	31.0	0.2	0.1	55.8	60	2.4	13.5	< 0.2	82
7609	203296	1630	0.28	5.4	0.8	0.3	43.6	80	0.8	6.0	< 0.2	51
7610	203296	50	0.06	2.8	0.6	0.4	7.6	60	0.8	6.5	< 0.2	58
7611	203296	1920	0.32	2.6	2.6	0.4	14.0	100	0.4	6.5	< 0.2	22
7612	203296	10	0.02	8.0	1.2	< 0.1	5.4	60	0.4	3.5	< 0.2	17
7613	203296	< 5	0.10	3.8	1.4	0.1	9.4	50	1.6	5.5	< 0.2	26
7614	203296	< 5	0.06	3.0	0.4	< 0.1	11.8	30	0.2	5.0	< 0.2	35
7615	203296	< 5	0.10	9.0	1.0	< 0.1	24.4	60	1.4	5.5	< 0.2	23
7616	203296	< 5	0.04	4.4	2.2	< 0.1	9.2	30	1.4	2.5	< 0.2	16
7617	203296	< 5	0.06	4.8	1.4	< 0.1	36.2	20	1.0	1.5	1.2	3
7618	203296	15	0.12	11.2	3.4	0.1	30.6	60	1.0	4.5	< 0.2	10
7619	203296	720	0.30	5.2	2.8	0.1	23.6	40	1.0	6.0	< 0.2	22
7620	203296	< 5	0.04	5.0	2.2	< 0.1	8.2	50	0.6	3.0	< 0.2	12
7621	203296	105	0.08	3.0	1.2	0.1	17.4	30	0.4	4.0	< 0.2	25
7622	203296	< 5	0.12	2.6	0.4	0.1	12.8	40	0.4	4.5	< 0.2	22
7623	203296	410	0.28	17.8	5.0	0.1	42.2	80	0.6	1.5	< 0.2	12
7624	203296	< 5	0.06	3.4	< 0.2	< 0.1	16.2	20	0.4	6.0	< 0.2	38
7625	203296	155	0.04	12.8	3.6	0.1	8.8	40	0.8	3.0	< 0.2	9
7626	203296	< 5	0.04	6.2	1.8	< 0.1	8.6	40	1.8	3.0	< 0.2	19
7627	203296	< 5	0.08	3.2	2.0	0.1	7.4	30	1.4	3.0	< 0.2	28
7628	203296	< 5	0.08	2.2	2.4	< 0.1	10.6	40	1.0	2.5	< 0.2	24
7629	203296	< 5	0.20	7.2	2.4	< 0.1	32.6	40	0.4	4.0	< 0.2	11
7630	203296	< 5	0.18	20.4	2.0	< 0.1	32.4	70	0.4	2.0	< 0.2	17
7631	203296	< 5	0.12	4.8	0.4	0.1	144.5	70	0.2	3.0	< 0.2	64
7632	203296	< 5	0.02	8.4	1.8	< 0.1	28.2	30	< 0.2	< 0.5	< 0.2	17
7633	203296	< 5	0.08	7.4	5.2	0.1	33.0	80	0.2	< 0.5	0.2	7
7634	203296	45	< 0.02	3.4	2.4	0.1	14.6	50	0.6	4.5	< 0.2	15
7635	203296	15	< 0.02	3.2	2.4	0.1	5.2	40	0.2	3.5	< 0.2	12
7636	203296	< 5	< 0.02	5.2	3.6	0.3	8.4	80	1.2	3.0	< 0.2	10
7637	203296	10	0.04	4.2	3.4	0.2	15.2	50	0.6	5.0	< 0.2	17
7638	203296	145	0.14	2.2	1.2	0.2	16.6	40	0.4	5.0	< 0.2	38
7639	203296	1450	0.06	2.6	3.2	0.1	10.0	40	0.8	4.5	< 0.2	18

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CERTIFICATE OF ANALYSIS A9529743

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
7640	203296	285	0.20	2.6	2.4	0.3	19.4	40	0.4	3.5	< 0.2	11
7641	203296	450	0.02	3.4	3.2	0.1	14.4	60	0.6	3.5	< 0.2	8
7642	203296	< 5	0.06	6.0	3.0	0.2	40.8	60	0.4	3.5	0.2	19
7643	203296	< 5	< 0.02	8.6	3.2	< 0.1	43.2	60	0.2	1.5	< 0.2	12
7644	203296	< 5	0.02	4.8	0.6	< 0.1	13.8	20	< 0.2	0.5	< 0.2	18
7645	203296	30	0.10	3.8	2.6	0.2	23.8	40	0.4	3.0	< 0.2	16
7646	203296	85	0.10	9.2	2.2	0.1	11.2	110	< 0.2	5.5	< 0.2	18
7647	203296	195	0.02	2.8	0.8	0.1	8.4	40	1.4	6.0	< 0.2	38
7648	203296	15	0.08	4.0	3.2	0.3	14.8	40	1.8	5.5	< 0.2	19
7649	203296	50	0.26	11.4	1.8	0.4	54.0	100	1.2	46.0	< 0.2	108
7650	203296	70	0.04	3.8	3.6	0.3	14.6	100	< 0.2	6.0	< 0.2	10
7651	203296	< 5	0.06	6.4	2.6	0.3	47.0	60	< 0.2	4.0	< 0.2	34
7652	203296	95	< 0.02	7.0	2.4	< 0.1	17.2	60	0.2	3.0	< 0.2	22
7653	203296	< 5	0.14	4.8	3.0	0.1	57.4	60	1.0	9.5	< 0.2	40
7654	203296	< 5	< 0.02	8.0	2.4	0.2	7.6	70	< 0.2	4.5	< 0.2	25
7655	203296	90	0.38	2.4	2.0	0.2	73.8	30	1.2	12.0	< 0.2	37
7656	203296	< 5	0.16	4.4	0.6	0.1	38.4	50	0.8	9.5	< 0.2	46
7657	203296	< 5	0.02	1.6	0.2	< 0.1	15.8	20	0.2	5.0	< 0.2	22
7658	203296	< 5	0.12	4.4	1.8	0.3	49.2	90	1.0	8.0	< 0.2	73
7659	203296	< 5	1.30	1.2	1.2	0.8	140.0	60	8.8	22.0	< 0.2	106
7660	203296	< 5	0.04	3.8	3.0	0.6	11.6	40	0.2	5.5	< 0.2	16
7661	203296	< 5	< 0.02	7.2	0.8	0.1	14.0	40	0.4	4.0	< 0.2	23
7662	203296	< 5	0.12	3.4	2.8	0.4	18.4	50	0.4	7.5	< 0.2	41
7663	203296	50	0.02	3.2	2.2	0.4	9.4	60	0.4	4.0	< 0.2	24
7664	203296	< 5	< 0.02	4.0	1.8	0.1	12.2	50	0.4	4.0	< 0.2	20
7665	203296	< 5	0.12	7.6	2.0	0.1	5.8	90	5.4	17.0	< 0.2	24
7666	203296	530	0.10	1.4	1.2	0.1	19.6	70	0.6	4.0	< 0.2	25
7667	203296	< 5	0.02	1.4	0.4	< 0.1	10.6	10	0.2	5.5	< 0.2	21
7668	203296	< 5	0.24	6.2	0.6	0.2	25.0	40	1.2	42.0	< 0.2	51
7669	203296	< 5	0.16	9.2	2.0	< 0.1	13.2	40	1.6	6.5	< 0.2	16
7670	203296	< 5	0.02	3.2	1.6	0.3	5.4	190	0.6	9.0	< 0.2	25
7671	203296	< 5	< 0.02	4.0	2.0	< 0.1	4.6	70	1.0	5.5	< 0.2	17
7672	203296	< 5	0.02	1.4	1.2	0.1	10.4	70	0.6	5.0	< 0.2	24
7673	203296	15	0.66	3.6	2.8	0.1	78.6	70	0.8	5.0	< 0.2	17
7674	203296	< 5	0.84	1.2	1.8	0.3	162.5	50	0.6	8.5	< 0.2	36
7675	203296	< 5	0.22	3.6	2.2	0.1	18.6	60	1.4	11.5	< 0.2	16
7676	203296	< 5	0.02	2.2	1.8	< 0.1	2.4	40	0.4	2.0	< 0.2	20
7677	203296	< 5	0.52	1.2	1.4	0.1	35.6	30	0.8	13.0	< 0.2	27
7678	203296	< 5	0.16	2.6	1.4	0.1	9.0	30	1.0	7.5	< 0.2	26
7679	203296	< 5	0.58	181.0	1.8	0.7	29.2	200	13.4	70.5	3.0	279

CERTIFICATION: John D'Orazio

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project :
Comments: ATN; M. ROSATELLI

Page Number :3
Total Pages :4
Certificate Date: 10-OCT-95
Invoice No. :I9529743
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9529743

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
7680	203296	15	0.28	5.0	3.0	0.2	38.0	30	1.4	7.0	< 0.2	44
7681	203296	< 5	0.14	2.4	1.2	< 0.1	27.2	20	0.6	3.0	< 0.2	37
7700	203296	< 5	0.04	5.2	1.0	< 0.1	25.6	30	1.2	7.5	< 0.2	21
7701	203296	< 5	0.04	8.8	1.8	< 0.1	32.4	30	0.4	4.5	< 0.2	35
7702	203296	135	0.04	11.0	1.8	< 0.1	30.4	50	0.4	4.5	< 0.2	23
7703	203296	< 5	0.04	3.8	0.2	< 0.1	20.8	20	0.6	7.5	< 0.2	56
7704	203296	65	0.20	6.8	1.8	0.3	18.8	70	0.4	5.5	< 0.2	23
7705	203296	695	0.16	3.4	1.6	0.1	15.0	40	0.2	3.0	< 0.2	24
7706	203296	< 5	0.06	3.6	2.2	0.1	6.6	50	0.4	6.0	< 0.2	37
7707	203296	20	0.12	5.2	0.8	0.2	20.8	40	1.2	10.0	< 0.2	70
7708	203296	< 5	0.16	2.8	0.6	0.3	38.6	60	0.4	9.0	< 0.2	54
7709	203296	< 5	0.08	5.4	0.4	< 0.1	21.4	10	0.2	7.0	< 0.2	41
7710	203296	< 5	0.20	5.8	1.8	0.1	26.6	50	0.2	5.5	< 0.2	30
7711	203296	30	0.02	3.0	2.0	0.3	7.4	30	0.4	7.0	< 0.2	44
7712	203296	3140	0.26	2.2	1.4	0.1	23.2	20	0.8	5.0	< 0.2	40
7713	203296	< 5	0.06	3.0	1.2	0.1	8.4	10	0.4	5.0	< 0.2	39
7714	203296	< 5	0.08	8.0	1.8	0.2	14.8	20	1.0	8.5	< 0.2	35
7715	203296	190	0.12	6.6	2.0	0.2	18.4	60	0.4	4.0	< 0.2	27
7716	203296	< 5	0.06	4.0	1.8	< 0.1	17.6	40	0.8	5.0	< 0.2	18
7717	203296	< 5	0.14	8.2	2.0	0.2	25.8	70	0.4	4.5	< 0.2	21
7718	203296	< 5	0.30	4.0	2.2	0.4	93.0	80	1.4	6.0	< 0.2	24
7719	203296	85	0.04	4.0	2.2	0.1	46.4	50	0.8	4.5	< 0.2	36
7720	203296	< 5	0.04	194.5	4.2	< 0.1	123.0	80	0.4	4.0	2.4	24
7721	203296	< 5	0.12	5.6	1.8	< 0.1	19.2	20	0.6	5.0	< 0.2	11
7722	203296	< 5	0.28	5.8	3.2	0.3	28.0	30	0.4	7.5	< 0.2	22
7723	203296	< 5	0.06	3.8	2.6	< 0.1	8.0	40	0.6	3.0	< 0.2	28
7724	203296	< 5	< 0.02	2.6	2.4	< 0.1	4.8	30	0.2	2.5	< 0.2	16
7725	203296	< 5	0.12	6.0	3.6	0.2	19.0	20	0.6	5.0	< 0.2	64
7726	203296	15	0.30	7.8	1.4	0.2	37.4	60	0.8	18.5	0.4	61
7727	203296	< 5	0.02	3.0	0.6	< 0.1	7.8	10	0.4	6.5	< 0.2	36
7728	203296	< 5	0.02	10.4	0.8	0.1	17.8	20	0.2	14.5	< 0.2	49
7729	203296	30	0.02	4.0	2.4	0.1	8.8	30	0.2	5.5	< 0.2	33
7730	203296	< 5	0.02	3.4	3.0	< 0.1	6.8	120	0.4	4.5	< 0.2	20
7731	203296	< 5	0.20	5.6	1.6	0.3	51.6	50	0.2	5.0	< 0.2	33
7732	203296	< 5	0.08	5.8	2.4	0.1	35.8	40	0.4	6.0	< 0.2	39
7733	203296	< 5	0.08	22.6	2.4	< 0.1	67.0	30	0.6	5.0	< 0.2	42
7734	203296	< 5	0.02	4.4	1.6	< 0.1	38.8	30	0.8	3.5	< 0.2	27
7735	203296	< 5	0.08	3.0	2.0	0.2	40.6	60	0.2	3.5	< 0.2	22
7736	203296	320	< 0.02	3.0	2.0	0.1	6.2	60	0.8	4.0	< 0.2	32
7737	203296	30	0.02	3.2	2.4	0.1	9.8	40	0.8	4.0	< 0.2	38

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9529743

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppb	Mo ppm	Pb ppm	Sb ppm	Zn ppm
7738	203296	1000	0.32	5.0	4.2	0.1	16.0	40	0.8	5.5	< 0.2	24
7739	203296	65	0.02	2.0	0.6	0.1	10.2	40	0.4	5.0	< 0.2	45
7740	203296	< 5	0.02	2.8	0.8	< 0.1	5.4	20	0.2	4.0	< 0.2	25
7741	203296	< 5	< 0.02	5.0	4.0	0.1	8.4	40	0.4	4.0	< 0.2	24
7742	203296	95	0.06	3.2	2.0	0.1	21.0	50	0.8	6.5	< 0.2	32
7743	203296	305	0.02	3.8	1.4	0.2	17.6	60	0.2	5.0	< 0.2	30
7744	203296	< 5	< 0.02	6.6	2.2	< 0.1	21.2	60	0.2	2.5	< 0.2	29
7745	203296	< 5	< 0.02	9.2	1.2	< 0.1	22.8	40	0.4	2.0	< 0.2	24
7746	203296	< 5	< 0.02	13.0	1.4	< 0.1	16.6	30	0.4	3.0	< 0.2	31
7747	203296	< 5	0.16	1.6	1.0	0.1	23.4	20	< 0.2	5.0	< 0.2	59
7748	203296	315	0.10	3.0	2.2	0.2	13.2	30	0.2	5.0	< 0.2	40
7749	203296	590	0.20	2.4	1.6	0.1	10.4	30	0.4	3.0	< 0.2	33
7750	203296	< 5	< 0.02	2.6	0.4	< 0.1	10.8	10	< 0.2	0.5	< 0.2	12
7751	203296	< 5	< 0.02	6.8	2.2	0.1	19.0	50	0.4	4.5	< 0.2	30
7752	203296	70	0.08	3.4	1.6	0.2	16.8	30	0.2	5.0	< 0.2	33
7753	203296	< 5	0.08	1.8	1.0	0.2	11.4	80	< 0.2	5.5	< 0.2	37
7754	203296	10	0.88	4.4	1.0	0.1	92.8	100	6.2	42.0	0.6	62
7755	203296	40	0.24	6.8	3.0	1.6	5.8	200	2.2	121.0	< 0.2	203
7756	203296	< 5	0.10	7.0	0.6	< 0.1	28.4	40	0.4	11.0	< 0.2	54
7757	203296	10	2.62	7.4	5.4	0.2	199.0	120	1.4	19.0	< 0.2	33
7758	203296	150	0.04	4.8	2.8	0.1	10.8	80	0.2	5.5	< 0.2	41
7759	203296	< 5	< 0.02	6.6	2.0	< 0.1	13.2	40	0.4	5.0	< 0.2	40
7760	203296	< 5	0.12	3.4	1.6	0.4	14.0	70	< 0.2	9.5	< 0.2	68
7761	203296	10	0.08	4.2	2.4	0.3	14.6	90	< 0.2	4.5	< 0.2	38
7762	203296	< 5	0.22	4.4	2.2	0.2	31.8	70	1.6	10.5	< 0.2	55
7763	203296	15	0.40	5.2	2.8	< 0.1	18.0	60	1.8	7.0	< 0.2	21
7764	203296	< 5	0.72	11.0	0.6	0.4	338	60	1.2	14.5	< 0.2	48
7765	203296	< 5	0.20	9.2	0.4	< 0.1	39.8	30	1.2	6.5	< 0.2	55
7766	203296	< 5	0.06	6.0	1.6	< 0.1	28.6	60	0.2	2.5	< 0.2	33
7767	203296	< 5	0.10	4.2	3.2	0.4	21.0	70	0.4	9.5	< 0.2	36
7768	203296	270	0.12	5.8	2.0	0.2	42.6	60	0.8	9.5	< 0.2	61
7769	203296	< 5	0.02	2.8	1.6	< 0.1	5.4	50	0.6	4.0	< 0.2	27
7770	203296	< 5	< 0.02	12.4	3.2	< 0.1	5.2	50	1.2	4.5	< 0.2	12
7771	203296	85	0.04	5.6	3.2	< 0.1	7.4	80	0.4	7.0	< 0.2	23
7772	203296	< 5	0.18	7.8	5.4	0.3	32.4	110	0.2	4.5	< 0.2	9
7773	203296	< 5	0.08	4.4	2.6	0.1	20.6	70	0.2	5.0	< 0.2	18
7774	203296	< 5	< 0.02	17.0	6.6	< 0.1	119.0	50	1.4	0.5	< 0.2	7
7775	203296	35	0.02	4.2	3.8	< 0.1	10.0	60	1.0	4.0	< 0.2	32

CERTIFICATION:

1994 – DDH: Kennecott

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42262.0 (COMPLETE)

REFERENCE: K431-94-13

CLIENT: KENNECOTT CANADA INC.

PROJECT: K431

SUBMITTED BY: JOHN BURGESS

DATE PRINTED: 30-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	21	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	21	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	21	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	21	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	21	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	21	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	21	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	21	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	21	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	21	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	21	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	21	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	21	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	21	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	21	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	21	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	21	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	21	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	21	1.0 PPM		NEUTRON ACTIVATION
31	Sb	Antimony	21	0.2 PPM		NEUTRON ACTIVATION
32	Hg	Mercury	21	5 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
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Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

REPORT: 094-42262.0 (COMPLETE)

REFERENCE: K431-94-13

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

PROJECT: K431

DATE PRINTED: 30-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	21	-150	21	CRUSH/SPLIT & PULV.	21

REPORT COPIES TO: MR. JOHN BURGESS
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INVOICE TO: MR. JOHN BURGESS

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Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 30-AUG-94

REPORT: 094-42262.0 (COMPLETE) PROJECT: K431 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
5041		28	0.89	>10.00	63	0.58	0.12	0.03	0.13	<5	12	75	26
5042		16	1.19	8.67	100	0.75	0.24	0.04	0.20	<5	12	79	22
5043		<5	1.16	8.62	173	0.86	0.43	0.04	0.17	<5	8	108	25
5044		<5	1.42	9.29	443	1.52	1.05	0.04	0.15	<5	9	81	24
5045		14	1.11	>10.00	244	0.87	0.50	0.04	0.14	<5	49	80	28
5046		56	0.74	>10.00	1712	1.13	1.56	0.01	0.17	<5	246	64	33
5047		60	1.08	>10.00	2090	1.27	1.58	0.01	0.19	<5	414	94	23
5048		28	1.23	>10.00	372	0.76	0.28	0.03	0.18	<5	191	72	30
5049		74	0.88	>10.00	403	0.83	0.82	0.03	0.13	<5	130	75	31
5050		22	1.23	>10.00	353	0.81	0.49	0.04	0.19	<5	32	71	31
5051		30	1.10	>10.00	800	1.06	0.96	0.03	0.15	<5	106	73	24
5052		86	1.08	>10.00	1051	1.01	0.94	0.01	0.13	<5	400	67	41
5053		42	1.21	>10.00	1593	1.46	1.44	0.02	0.09	<5	107	68	19
5054		18	1.02	8.85	144	0.69	0.24	0.03	0.15	<5	14	75	26
5055		46	0.70	>10.00	427	1.21	1.63	0.03	0.15	<5	36	46	24
5083		8	0.09	>10.00	3619	2.58	4.91	<0.01	<0.01	<5	5	23	11
5084		<5	0.20	>10.00	4965	2.45	2.02	<0.01	<0.01	<5	10	17	15
5085		<5	0.11	>10.00	6334	2.39	2.51	<0.01	0.03	<5	4	54	14
5086		<5	0.10	>10.00	4606	2.72	5.01	<0.01	0.03	<5	5	52	11
2241		<5	5.45	>10.00	1125	3.28	0.03	<0.01	<0.01	15	228	99	18
2242		18	1.02	>10.00	8917	0.61	1.78	<0.01	0.02	<5	63	47	19

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Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 30-AUG-94

REPORT: 094-42262.0 (COMPLETE) PROJECT: K431 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
5041		112	75	355	89	3	3	21	1.6	2.0	<20	8	13
5042		101	107	360	34	6	4	18	1.4	1.1	<20	<5	<10
5043		98	146	491	19	7	5	12	0.9	1.8	<20	<5	<10
5044		107	165	571	22	8	5	11	1.1	2.0	<20	<5	<10
5045		141	204	1113	82	7	6	32	1.3	6.0	<20	<5	<10
5046		254	300	2388	311	23	10	90	2.5	16.9	<20	14	15
5047		309	687	2779	154	17	15	109	3.2	19.2	<20	18	30
5048		183	307	1590	113	6	11	90	2.1	10.0	<20	7	13
5049		201	137	2012	257	9	8	81	2.1	14.7	<20	14	14
5050		140	233	1059	83	9	6	27	1.3	6.0	<20	<5	10
5051		191	213	1517	95	12	7	60	2.0	9.0	<20	8	11
5052		206	287	2921	174	10	13	130	3.0	18.6	<20	10	19
5053		149	272	816	27	12	7	35	1.4	5.1	<20	<5	12
5054		95	101	530	57	5	5	19	1.2	2.3	<20	<5	<10
5055		132	101	1034	100	12	6	35	2.2	4.7	<20	8	<10
5083		3	4	21	<5	24	3	4	0.3	<0.2	<20	<5	14
5084		2	5	27	<5	15	4	4	0.3	<0.2	<20	<5	22
5085		2	5	20	<5	14	4	4	0.2	<0.2	<20	<5	16
5086		1	3	18	<5	21	4	3	0.3	<0.2	<20	<5	14
2241		44	2	271	<5	2	<1	10	0.3	<0.2	<20	<5	<10
2242		30	82	508	<5	36	7	12	0.5	0.8	<20	<5	23

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Geochemical Lab Report

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REPORT: 094-42262.0 (COMPLETE) PROJECT: K431 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
5041		9	30	<20	35	7	105.0	14.0	8
5042		14	33	<20	10	8	48.0	5.9	<5
5043		12	39	<20	3	<5	32.0	1.9	278
5044		10	39	<20	3	6	35.0	1.8	15
5045		10	40	<20	8	5	108.0	4.8	<5
5046		10	61	<20	56	8	359.0	22.6	5
5047		15	63	<20	35	<5	153.0	16.0	<5
5048		14	44	<20	28	6	129.0	9.3	<5
5049		9	52	<20	44	9	279.0	17.0	399
5050		13	43	<20	18	7	106.0	6.4	<5
5051		11	44	<20	33	<5	117.0	12.0	<5
5052		10	61	<20	47	8	205.0	19.0	<5
5053		7	44	<20	8	<5	47.0	4.5	<5
5054		10	33	<20	15	<5	83.0	6.5	<5
5055		9	47	<20	41	8	138.0	16.0	<5
5083		<1	44	<20	<2	8	2.9	<0.2	<5
5084		<1	63	<20	<2	10	4.9	<0.2	334
5085		4	56	<20	<2	10	2.0	0.3	11
5086		4	45	<20	<2	10	7.9	<0.2	10
2241		1	42	<20	<2	7	1.4	0.3	30
2242		3	83	<20	<2	12	5.3	1.1	<5

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Geochemical Lab Report

DATE PRINTED: 30-AUG-94

REPORT: 094-42262.0 (COMPLETE) PROJECT: K431 PAGE 2A

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
BCC GEOCHEM STD 5		-	3.01	4.51	699	1.85	1.11	0.05	0.35	7	114	47	18
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	3.010	4.510	698.9	1.850	1.110	0.051	0.350	7.3	114.0	47.0	17.9
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	3.09	4.74	720	1.83	1.08	0.06	0.32	18	133	54	18
ANALYTICAL BLANK		-	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.005	0.005	0.5	0.005	0.005	0.005	0.005	2.5	0.5	0.5	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1

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REPORT: 094-42262.0 (COMPLETE)

DATE PRINTED: 30-AUG-94
PROJECT: K431

STANDARD NAME / ELEMENT / UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
BCC GEOCHEM STD 5	32	83	74	11	32	5	2	0.7	<0.2	<20	<5	<10
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	32.4	83.0	73.8	10.8	31.6	5.1	2.5	0.65	0.10	10.0	2.5	5.0
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	36	90	80	8	39	9	2	0.7	0.1	4	1	<1
ANALYTICAL BLANK	<1	<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	0.5	0.5	0.5	2.5	0.5	0.5	0.5	0.10	0.10	10.0	2.5	5.0
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	1	1	1	5	<1	<1	1	0.2	1.0	<1	5	<1

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Geochemical Lab Report

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REPORT: 094-42262.0 (COMPLETE) PROJECT: K431 PAGE 2C

STANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
BCC GEOCHEM STD 5		166	15	<20	8	<5	-	-	51
Number of Analyses		1	1	1	1	1	-	-	1
Mean Value		166.0	14.9	10.0	7.6	2.5	-	-	50.9
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		200	5	2	11	1	-	-	35
ANALYTICAL BLANK		<1	<1	<20	<2	<5	-	-	11
Number of Analyses		1	1	1	1	1	-	-	1
Mean Value		0.5	0.5	10.0	1.0	2.5	-	-	10.9
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		<1	<1	<1	2	2	<0.1	<0.1	5

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Geochemical Lab Report

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PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
5043		<5	1.16	8.62	173	0.86	0.43	0.04	0.17	<5	8	108	25
Duplicate			1.02	7.77	156	0.77	0.38	0.03	0.15	<5	7	96	23
5044		<5	1.42	9.29	443	1.52	1.05	0.04	0.15	<5	9	81	24
Prep Duplicate			1.30	8.38	387	1.33	0.88	0.02	0.16	<5	7	67	25
2241		<5	5.45	>10.00	1125	3.28	0.03	<0.01	<0.01	15	228	99	18
Duplicate			5.23	>10.00	1079	3.16	0.03	<0.01	<0.01	14	219	95	17

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Geochemical Lab Report

REPORT: 094-42262.0 (COMPLETE)

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PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
5043		98	146	491	19	7	5	12	0.9	1.8	<20	<5	<10
Duplicate		88	127	440	12	6	5	11	0.9	1.2	<20	<5	<10
5044		107	165	571	22	8	5	11	1.1	2.0	<20	<5	<10
Prep Duplicate		89	154	516	20	6	4	9	1.0	1.5	<20	<5	<10
5241		44	2	271	<5	2	<1	10	0.3	<0.2	<20	<5	<10
Duplicate		42	2	262	9	2	<1	10	0.3	<0.2	<20	<5	<10

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
5043		12	39	<20	3	<5	32.0	1.9	278
Duplicate		10	34	<20	3	7			286
5044		10	39	<20	3	6	35.0	1.8	15
Prep Duplicate		6	34	<20	<2	<5	41.0	2.7	12
241		1	42	<20	<2	7	1.4	0.3	30
Duplicate		1	40	<20	<2	7			27

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Geochemical Lab Report

REPORT: 094-42258.0 (COMPLETE)

REFERENCE: K431-94-11

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

PROJECT: K431

DATE PRINTED: 12-SEP-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	27	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	27	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	27	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	27	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	27	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	27	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	27	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	27	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	27	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	27	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	27	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	27	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	27	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	27	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	27	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	27	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	27	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	27	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	27	1.0 PPM		NEUTRON ACTIVATION
31	Sb	Antimony	27	0.2 PPM		NEUTRON ACTIVATION
32	Hg	Mercury	27	5 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

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Geochemical
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REPORT: 094-42258.0 (COMPLETE)

REFERENCE: K431-94-11

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

PROJECT: K431

DATE PRINTED: 12-SEP-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	27	-150	27	CRUSH/SPLIT & PULV.	27

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FAX: (416) 364-2399

INVOICE TO: MR. JOHN BURGESS

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Geochemical Lab Report

REPORT: 094-42258.0 (COMPLETE)

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PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
5056		28	0.79	>10.00	278	1.14	1.30	0.02	0.10	<5	10	21	27
5057		6	1.06	9.20	58	0.71	0.25	0.02	0.17	<5	6	63	26
5058		12	0.73	7.97	217	0.99	1.07	0.02	0.20	<5	6	81	30
5059		14	0.63	9.00	165	0.64	0.70	0.02	0.21	<5	4	80	27
5060		6	1.14	8.56	43	0.96	0.15	0.01	0.12	<5	6	27	22
5061		<5	0.70	8.25	143	0.70	0.59	0.02	0.18	<5	4	47	26
5062		10	0.66	8.08	24	0.38	0.14	0.02	0.18	<5	3	41	19
5063		<5	0.41	8.62	37	0.26	0.19	0.01	0.12	<5	<1	16	23
5064		8	0.74	8.50	188	0.90	0.78	0.02	0.20	<5	5	51	40
5065		<5	0.86	8.08	275	1.40	1.19	0.01	0.13	<5	6	19	29
5066		16	1.43	>10.00	249	1.64	0.86	0.01	0.16	<5	13	39	31
5067		<5	1.52	>10.00	444	1.93	1.41	0.01	0.17	<5	15	44	42
5068		<5	0.67	8.64	229	0.96	0.96	0.01	0.19	<5	6	50	21
5069		18	0.72	>10.00	140	0.81	0.46	0.01	0.12	<5	6	27	43
5070		6	0.60	9.10	198	0.74	0.68	0.01	0.20	<5	4	50	16
5071		16	0.46	9.91	48	0.38	0.23	<0.01	0.12	<5	<1	16	38
5072		26	0.48	>10.00	50	0.34	0.25	0.01	0.17	<5	5	41	33
5073		34	0.51	>10.00	149	0.67	0.64	0.01	0.16	<5	6	49	30
5074		34	0.53	>10.00	19	0.49	0.11	<0.01	0.09	<5	2	23	29
5075		32	0.59	>10.00	184	0.93	0.83	0.01	0.15	<5	5	41	28
5076		44	0.46	>10.00	97	0.59	0.39	<0.01	0.10	<5	4	24	31
5077		42	1.00	>10.00	259	1.43	0.93	0.01	0.14	<5	10	48	29
5078		32	0.56	>10.00	235	1.05	1.01	<0.01	0.10	<5	4	18	26
5079		66	0.83	>10.00	57	0.74	0.17	0.01	0.14	<5	14	55	33
5080		45	0.39	>10.00	247	0.59	0.55	<0.01	0.09	<5	4	29	43
5081		<5	0.14	>10.00	3278	2.01	1.17	<0.01	0.01	<5	11	29	13
5082		<5	0.16	>10.00	4159	2.30	1.95	<0.01	<0.01	<5	15	25	13

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REPORT: 094-42258.0 (COMPLETE) PROJECT: K431 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
5056		123	127	902	92	10	5	18	1.6	4.7	<20	16	23
5057		111	131	571	59	5	5	14	0.7	2.9	<20	11	19
5058		107	103	533	48	12	5	14	1.0	2.6	<20	8	18
5059		138	139	626	32	9	5	13	0.9	2.7	<20	8	16
5060		105	138	605	30	4	5	15	0.8	2.8	<20	13	17
5061		117	138	561	35	9	5	14	0.8	2.7	<20	12	18
5062		138	151	608	21	5	5	14	0.7	2.6	<20	8	15
5063		147	142	743	5	4	5	14	0.7	3.0	<20	7	16
5064		111	116	760	29	12	5	12	0.6	2.8	<20	10	16
5065		106	123	563	22	14	5	12	0.6	2.1	<20	9	14
5066		152	230	1304	31	15	5	14	1.1	4.5	<20	12	25
5067		129	181	514	58	22	4	10	0.9	2.5	<20	14	24
5068		122	151	810	19	20	5	12	0.7	3.8	<20	13	20
5069		133	174	1263	24	11	5	16	0.9	4.4	<20	10	20
5070		128	173	789	8	17	5	11	0.6	3.3	<20	10	18
5071		141	114	877	41	7	5	15	0.8	3.8	<20	12	21
5072		126	135	1055	96	6	4	19	1.0	4.7	<20	14	28
5073		99	101	445	117	16	4	20	1.1	2.6	<20	18	28
5074		117	111	378	130	3	3	20	1.2	2.3	<20	18	33
5075		110	122	592	113	22	4	19	1.1	2.9	<20	14	26
5076		100	98	422	132	11	3	21	1.3	3.0	<20	21	32
5077		106	225	462	114	25	4	17	1.5	3.3	<20	21	38
5078		118	194	603	83	27	5	19	1.2	3.4	<20	17	33
5079		147	152	770	136	5	4	18	1.4	4.2	<20	19	35
5080		118	169	530	97	14	3	18	1.3	3.4	<20	16	34
5081		11	21	32	5	12	2	6	0.5	1.3	<20	8	23
5082		2	5	23	13	14	3	3	0.6	1.3	<20	9	32

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Geochemical Lab Report

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REPORT: 094-42258.0 (COMPLETE) PROJECT: K431 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
5056		7	51	<20	28	7	92.0	10.0	818
5057		10	38	<20	5	7	44.0	3.1	341
5058		10	35	<20	12	<5	38.0	4.1	410
5059		10	36	<20	7	<5	25.0	2.9	372
5060		6	40	<20	13	<5	16.0	3.5	325
5061		8	33	<20	14	7	28.0	4.8	428
5062		8	34	<20	10	<5	20.0	2.5	361
5063		5	33	<20	32	<5	8.2	2.8	433
5064		9	32	<20	12	<5	25.0	3.0	513
5065		6	31	<20	10	<5	14.0	3.2	361
5066		7	50	<20	21	9	19.0	6.4	822
5067		8	48	<20	17	9	31.0	4.4	378
5068		9	39	<20	10	<5	3.9	3.8	538
5069		6	38	<20	13	6	21.0	4.1	785
5070		9	32	<20	11	<5	5.4	4.4	491
5071		7	33	<20	22	7	46.0	8.9	730
5072		8	46	<20	35	6	110.0	13.0	973
5073		8	51	<20	37	11	128.0	13.0	587
5074		5	52	<20	37	10	148.0	17.0	484
5075		7	51	<20	41	8	133.0	16.0	615
5076		6	50	<20	44	9	145.0	17.0	622
5077		8	67	<20	34	11	99.0	13.0	408
5078		6	60	<20	26	9	89.0	10.0	457
5079		7	65	<20	41	10	134.0	16.0	692
5080		6	55	<20	25	9	96.0	10.0	722
5081		1	41	<20	<2	7	4.3	0.5	15
5082		<1	58	<20	<2	8	1.6	<0.2	<5

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STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
CC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		-	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180	40

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Geochemical Lab Report

DATE PRINTED: 12-SEP-94

REPORT: 094-42258.0 (COMPLETE) PROJECT: K431 PAGE 2B

STANDARD NAME	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
CC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		600	820	500	310	78	6	600	5.0	2.0	16	50	<1

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STANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
CC GEOCHEM STD 3		-	-	-	-	-	302.0	73.1	-
Number of Analyses		-	-	-	-	-	1	1	-
Mean Value		-	-	-	-	-	302.00	73.10	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		220	6	-	250	4	310.0	70.0	3550

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Geochemical Lab Report

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REPORT: 094-42258.0 (COMPLETE) PROJECT: K431 PAGE 3A

AMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
067		<5	1.52	>10.00	444	1.93	1.41	0.01	0.17	<5	15	44	42
rrep Duplicate													

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Geochemical Lab Report

REPORT: 094-42258.0 (COMPLETE)

DATE PRINTED: 12-SEP-94
PROJECT: K431

AMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
067		129	181	514	58	22	4	10	0.9	2.5	<20	14	24
rep Duplicate													

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Geochemical
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DATE PRINTED: 12-SEP-94

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AMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
067		8	48	<20	17	9	31.0	4.4	378
rep Duplicate							27.0	4.0	

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Geochemical Lab Report

REPORT: 094-42333.0 (COMPLETE) REFERENCE: K431-94-21

LIENT: KENNECOTT CANADA INC. SUBMITTED BY: JOHN BURGESS

PROJECT: K431 DATE PRINTED: 19-SEP-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	17	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	17	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	17	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	17	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	17	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	17	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	17	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	17	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	17	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	As	Arsenic	17	1.0 PPM		NEUTRON ACTIVATION
20	Mo	Molybdenum	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Sb	Antimony	17	0.2 PPM		NEUTRON ACTIVATION
22	Ag	Silver	17	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Hg	Mercury	17	5 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA
24	Cd	Cadmium	17	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Sn	Tin	17	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	Sb	Antimony	17	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Te	Tellurium	17	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Ba	Barium	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	La	Lanthanum	17	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	W	Tungsten	17	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
31	Pb	Lead	17	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
32	Bi	Bismuth	17	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

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Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42333.0 (COMPLETE)

REFERENCE: K431-94-21

LIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

PROJECT: K431

DATE PRINTED: 19-SEP-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	17	-150	17	CRUSH/SPLIT & PULV.	17

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Geochemical Lab Report

REPORT: 094-42333.0 (COMPLETE)

DATE PRINTED: 19-SEP-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
5371		<5	1.18	9.87	725	0.82	0.52	0.02	0.18	<5	18	64	24
5372		22	1.01	>10.00	1368	0.91	0.92	0.02	0.15	<5	31	199	60
5373		<5	0.92	>10.00	452	0.58	0.36	0.02	0.18	<5	10	93	21
5374		18	1.11	>10.00	285	0.69	0.25	0.01	0.16	<5	22	78	29
5375		49	1.53	>10.00	480	1.08	0.34	<0.01	0.12	<5	45	92	56
5376		36	1.94	>10.00	481	1.39	0.53	0.01	0.16	<5	48	137	43
5377		55	1.72	>10.00	442	1.33	0.64	<0.01	0.12	<5	45	100	47
5217		47	0.89	>10.00	6356	1.64	2.08	<0.01	0.13	<5	61	125	26
5218		59	0.90	>10.00	2498	1.38	1.23	0.01	0.20	<5	29	58	46
5219		34	2.56	>10.00	5766	2.26	1.68	<0.01	0.10	<5	135	105	51
5220		30	1.17	>10.00	2827	1.46	1.35	<0.01	0.16	<5	43	65	38
5221		30	2.44	>10.00	3385	2.06	1.59	<0.01	0.13	<5	60	79	36
5222		24	2.81	>10.00	3771	2.07	2.13	<0.01	0.07	<5	111	120	37
5223		38	2.14	>10.00	2834	1.71	1.21	<0.01	0.16	<5	65	77	44
5224		16	2.93	>10.00	3047	2.23	1.86	<0.01	0.13	<5	52	77	34
5225		35	2.18	>10.00	2232	1.93	1.45	<0.01	0.12	<5	48	94	36
5226		49	1.03	>10.00	2761	1.98	1.68	<0.01	0.16	<5	17	50	26

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Geochemical Lab Report

REPORT: 094-42333.0 (COMPLETE)

DATE PRINTED: 19-SEP-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	As PPM	Mo PPM	Sb PPM	Ag PPM	Hg PPB	Cd PPM
5371		96	175	724	<5	13	5	32.0	20	2.4	0.8	16	3.8
5372		121	230	1088	<5	17	5	21.0	31	2.8	1.1	60	5.9
5373		125	302	830	16	11	5	49.0	19	2.5	1.1	42	4.0
5374		152	268	849	<5	8	5	14.0	21	4.6	1.7	40	3.5
5375		174	423	1087	42	9	3	73.0	27	9.2	2.2	136	4.3
5376		116	206	883	47	13	4	74.0	22	7.4	1.5	124	3.2
5377		119	162	1000	80	16	4	114.0	24	10.0	1.7	162	3.7
5217		46	174	814	<5	59	7	16.0	24	1.6	1.2	46	5.3
5218		89	379	981	<5	51	8	3.9	11	3.8	2.7	88	8.3
5219		48	215	709	<5	58	9	12.0	24	2.0	1.6	47	3.7
5220		81	351	1088	<5	57	7	3.3	12	3.3	2.2	90	11.3
5221		58	233	407	<5	66	8	19.0	10	2.2	1.5	9	1.7
5222		50	181	643	41	92	6	87.0	12	1.0	1.1	36	4.5
5223		65	260	819	<5	52	8	12.0	11	2.5	1.5	50	9.0
5224		47	182	447	49	83	7	79.0	10	1.5	1.1	23	2.2
5225		64	295	942	21	82	7	62.0	13	2.8	1.8	78	10.9
5226		38	140	341	26	85	8	58.0	8	2.1	1.1	16	1.9

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REPORT: 094-42333.0 (COMPLETE) PROJECT: K431 PAGE 1C

AMPLE NUMBER	ELEMENT UNITS	Sn PPM	Sb PPM	Te PPM	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM
5371		<20	<5	<10	18	46	<20	20	11
5372		<20	<5	14	17	58	<20	20	12
5373		<20	<5	12	18	55	<20	15	16
5374		<20	<5	14	16	62	<20	27	13
5375		27	11	25	13	106	<20	57	21
5376		<20	<5	15	18	75	<20	37	15
5377		21	5	17	12	83	<20	52	16
5217		<20	<5	14	18	84	<20	19	17
5218		<20	<5	16	28	84	<20	53	16
5219		21	<5	21	11	106	<20	29	14
5220		<20	<5	14	24	72	<20	25	12
5221		<20	<5	14	19	78	<20	22	16
5222		21	<5	13	10	74	<20	20	15
5223		<20	<5	12	26	73	<20	25	15
5224		20	<5	12	22	73	<20	24	16
5225		23	<5	12	23	76	<20	57	20
5226		<20	<5	12	24	67	<20	20	8

Bondar Clegg
Inchcape Testing Services

Certificate of Analysis

EPORT: 094-42286.4 (COMPLETE) REFERENCE: K431-94-15

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: JOHN BURGESS
ROJECT: K431 DATE PRINTED: 26-SEP-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	37	0.034 G/T		FIRE ASSAY
2	Ag	Silver	37	0.69 G/T		FIRE ASSAY
3	Zn	Zinc	13	0.01 PCT		TITRIMETRIC
4	Pb	Lead	13	0.01 PCT		TITRIMETRIC

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	37	-200	37	AS RECEIVED	13

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Lab Supervisor

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Certificate of Analysis

EPORT: 094-42286.4 (COMPLETE)

DATE PRINTED: 26-SEP-94

PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
5140		<0.034	<0.69		
5141		<0.034	<0.69		
5142		<0.034	<0.69		
5143		<0.034	<0.69		
5144		<0.034	<0.69		
5145		<0.034	<0.69		
5146		<0.034	3.55		
5147		<0.034	2.94		
5148		<0.034	2.17		
5149		<0.034	2.32		
5150		<0.034	<0.69		
5151		<0.034	<0.69		
5152		<0.034	<0.69		
5153		<0.034	<0.69		
5154		<0.034	<0.69		
5155		<0.034	1.09		
5156		<0.034	0.74		
5157		<0.034	0.95		
5158		<0.034	<0.69		
5159		<0.034	2.16		
5160		<0.034	0.89		
5161		<0.034	0.82	0.02	<0.01
5162		<0.034	11.77	1.31	0.34
5163		<0.034	2.80	1.43	0.04
5164		<0.034	7.06	0.37	0.29
5165		<0.034	4.19	0.54	0.12
5166		<0.034	0.75	0.09	0.01
5167		<0.034	0.75	0.07	<0.01
5168		<0.034	<0.69	0.02	<0.01
5169		<0.034	<0.69	<0.01	<0.01
5170		<0.034	0.74	<0.01	<0.01
5171		<0.034	0.74	0.04	<0.01
5172		<0.034	<0.69	0.02	<0.01
5173		<0.034	0.88	0.06	<0.01
5174		<0.034	1.28		
5175		<0.034	1.28		
5176		<0.034	1.37		

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Lab Supervisor

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Inchcape Testing Services

Certificate of Analysis

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DATE PRINTED: 26-SEP-94

PROJECT: K431

SAMPLE UMBER	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
5165		<0.034	4.19	0.54	0.12
Duplicate					0.12
-170		<0.034	0.74	<0.01	<0.01
Duplicate					<0.01

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Lab Supervisor

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

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A9422580

Comments: ATTN: J. BURGESS CC: J. BURGESS

CERTIFICATE A9422580

KENNECOTT CANADA, INC.

Project: K431-94-16
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 18-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	37	Geochem ring to approx 150 mesh
294	37	Crush and split (6-10 pounds)
238	37	Nitric-aqua-regia digestion
287	37	Special dig'n with organic ext'n
232	37	Perchloric-nitric-HF digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	37	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
6	37	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.2	100.0
13	37	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
2	37	Cu ppm: HNO3-aqua regia digest	AAS	1	10000
7	37	Cd ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.1	200
20	37	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
4	37	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
22	37	Sb ppm: HCl-KClO3 digest, extrac	AAS-BKGD CORR	0.2	1000
5	37	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
25	37	Ba ppm: HClO4-HNO3-HF digestion	AAS	10	10000
11	37	Mn ppm: HNO3-aqua regia digest	AAS	5	10000

Chemex Labs Ltd.

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M5D 1J2

Project : K431-94-16
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number : 1
Total Pages : 1
Certificate Date: 18-AUG-94
Invoice No. : I9422580
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422580

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm Aqua R	As ppm	Cu ppm	Cd ppm	Hg ppb	Pb ppm	Sb ppm	Zn ppm	Ba ppm	Mn ppm			
5244	205	294	< 5	0.2	40	126	< 0.1	10	2	0.6	162	280	1500			
5245	205	294	10	0.3	2	152	< 0.1	10	9	0.8	128	30	1300			
5246	205	294	< 5	0.2	2	156	< 0.1	10	1	0.8	157	20	1550			
5247	205	294	< 5	0.2	2	118	< 0.1	10	12	0.4	232	20	1400			
5248	205	294	25	0.5	2	245	< 0.1	10	37	0.4	174	20	1400			
5249	205	294	< 5	< 0.2	4	154	< 0.1	10	2	0.2	138	30	1600			
5250	205	294	< 5	< 0.2	2	188	< 0.1	10	2	0.2	124	40	1600			
5251	205	294	< 5	< 0.2	2	104	< 0.1	10	1	0.2	160	30	1700			
5252	205	294	< 5	0.2	18	98	< 0.1	10	2	0.2	168	140	1700			
5253	205	294	< 5	0.2	2	114	< 0.1	10	1	0.2	254	120	1500			
5254	205	294	< 5	0.2	2	106	0.4	10	7	0.2	340	140	1600			
5255	205	294	< 5	< 0.2	22	84	< 0.1	10	2	0.2	185	160	1500			
5256	205	294	< 5	< 0.2	18	89	< 0.1	10	2	< 0.2	162	200	1600			
5257	205	294	< 5	0.4	62	290	0.5	30	96	0.4	410	180	1500			
5258	205	294	< 5	2.1	22	340	9.2	570	720	1.8	3850	220	730			
5259	205	294	< 5	1.4	14	260	6.8	460	450	1.0	3250	200	1100			
5260	205	294	25	3.0	2	490	6.2	400	600	5.4	2900	180	500			
5261	205	294	< 5	1.1	2	200	3.5	230	400	1.2	1700	140	1050			
5262	205	294	< 5	< 0.2	34	130	< 0.1	10	13	< 0.2	183	20	1200			
5263	205	294	< 5	< 0.2	54	119	< 0.1	10	2	< 0.2	134	20	1250			
5264	205	294	< 5	0.2	40	150	< 0.1	10	2	< 0.2	103	50	1400			
5265	205	294	< 5	0.2	2	189	0.9	30	4	0.6	420	80	890			
5266	205	294	< 5	< 0.2	44	126	< 0.1	10	2	0.2	132	60	1300			
5267	205	294	< 5	0.3	44	163	< 0.1	10	6	0.8	154	100	1200			
5268	205	294	< 5	< 0.2	32	129	< 0.1	10	2	0.2	112	100	1300			
5269	205	294	< 5	0.2	28	144	< 0.1	10	1	0.2	92	60	1250			
5270	205	294	< 5	< 0.2	20	131	< 0.1	10	1	< 0.2	92	50	1300			
5271	205	294	< 5	< 0.2	24	150	< 0.1	10	1	0.2	95	40	1300			
5272	205	294	< 5	< 0.2	16	161	< 0.1	10	2	< 0.2	90	30	1300			
5273	205	294	< 5	< 0.2	28	142	< 0.1	10	2	0.2	100	50	1400			
5274	205	294	< 5	< 0.2	30	128	< 0.1	10	< 1	< 0.2	90	80	1200			
5275	205	294	< 5	< 0.2	10	130	0.2	10	32	0.2	224	160	1500			
5276	205	294	45	0.4	34	138	6.4	280	65	0.6	2800	240	1250			
5277	205	294	< 5	1.1	138	162	12.2	550	250	0.8	5500	90	1450			
5278	205	294	< 5	0.7	18	97	2.6	140	180	0.8	1100	280	1350			
5279	205	294	5	1.6	2	320	0.4	30	50	3.6	180	300	380			
5280	205	294	5	1.2	2	275	1.0	30	55	2.8	350	240	210			

CERTIFICATION: Ian J. Burgess

Chemex Labs Ltd.

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PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.

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M5D 1J2

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A9423581

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9423581

KENNECOTT CANADA, INC.

Project: 04/431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 19-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	29	Geochem ring to approx 150 mesh
226	29	0-5 lb crush and split

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	29	Au ppb: Fuse 30 g sample	FA-AAS	5	10000

Chemex Labs Ltd.

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Account : LZV

CERTIFICATE OF ANALYSIS A9423581

SAMPLE	PREP CODE		Au ppb FA+AA									
5581	205	226	< 5									
5586	205	226	650									
5592	205	226	15									
5593	205	226	55									
5594	205	226	25									
5595	205	226	< 5									
5596	205	226	< 5									
5597	205	226	< 5									
5598	205	226	20									
5600	205	226	< 5									
5602	205	226	20									
5604	205	226	5									
5606	205	226	< 5									
5608	205	226	< 5									
5610	205	226	< 5									
5614	205	226	< 5									
5619	205	226	< 5									
5623	205	226	< 5									
5758	205	226	115									
5762	205	226	< 5									
5766	205	226	< 5									
5770	205	226	210									
5774	205	226	5									
5778	205	226	< 5									
5782	205	226	< 5									
5786	205	226	< 5									
5790	205	226	< 5									
5794	205	226	< 5									
5798	205	226	< 5									

CERTIFICATION: Adriana Alexandru

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A9423428

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9423428

(LZV) - KENNECOTT CANADA, INC.

Project: 04/431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 2-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
207	7	Assay pulv, screen -150, roll
1316	7	Silica 'wash' in pulverizer
226	7	0-5 lb crush and split
285	7	ICP - HF digestion charge

ANALYTICAL PROCEDURES

Troy Short Ton x 34.2956 g.

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
880	7	Au oz/T: Total, metallics calc.	FA-AAS/GRAV	0.002	20.000
884	7	Au- oz/T: Metallics calculation	FA-AAS/GRAV	0.002	20.000
887	7	Au+ mg: Metallics calculation	FA-AAS/GRAV	0.002	50.000
889	7	Weight- g: Metallics calculation	BALANCE	1	N/A
888	7	Weight+ g: Metallics calculation	BALANCE	0.01	N/A
383	7	Ag oz/T	FA-GRAVIMETRIC	0.1	20.0
1941	7	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
573	7	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
1092	7	As ppm: Ultra trace package	EXT-ICP	0.2	5000
565	7	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	7	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
1094	7	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
576	7	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
1095	7	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
563	7	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	7	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
1097	7	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
566	7	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
1935	7	Hg ppm: Ultra trace package	EXT-ICP	0.1	5000
584	7	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	7	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	7	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
1939	7	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
583	7	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	7	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	7	P ppm: 24 element, rock & core	ICP-AES	10	10000
1933	7	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	7	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
582	7	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	7	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	7	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	7	W ppm: 24 element, rock & core	ICP-AES	10	10000
1946	7	Zn ppm: Ultra trace package	EXT-ICP	1	5000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5J 2S1

Project : 04/431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 02-SEP-94
Invoice No. : I9423428
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9423428

SAMPLE	PREP CODE	Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams	Ag FA oz/T	Ag ppm	Al % (ICP)	As ppm	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm	Ca % (ICP)	Cd ppm	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm	Fe % (ICP)	Hg ppm
5589	2071316	0.003	0.002	0.012	245	37.01	< 0.1	0.06	0.45	0.2	10	< 0.5	< 0.2	1.98	0.1	7	13	21.4	21.9	0.3
5590	2071316	0.170	0.158	0.173	213	14.38	< 0.1	0.70	0.75	0.2	< 10	< 0.5	0.2	1.75	0.1	9	13	35.8	17.65	0.1
5591	2071316	0.089	0.077	0.189	259	26.72	< 0.1	0.20	0.64	0.6	< 10	< 0.5	0.2	5.31	0.1	10	12	18.4	17.10	< 0.1
5627	2071316	0.404	0.363	0.781	201	35.83	< 0.1	1.44	0.43	0.4	< 10	< 0.5	0.2	2.37	0.1	6	5	28.8	16.15	0.2
5755	2071316	0.254	0.230	0.447	207	32.22	< 0.1	0.68	0.53	< 0.2	< 10	< 0.5	0.6	7.12	0.2	10	17	57.8	16.70	< 0.1
5756	2071316	0.116	0.091	0.346	197	43.94	< 0.1	0.10	0.64	0.6	< 10	< 0.5	< 0.2	7.12	0.2	8	19	20.2	17.55	< 0.1
5757	2071316	0.180	0.155	0.268	211	14.70	< 0.1	0.52	0.63	0.4	< 10	< 0.5	< 0.2	2.21	0.1	10	20	27.2	15.30	< 0.1

CERTIFICATION: _____

Chemex Labs Ltd.

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Project : 04/431
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Page Number : 1-B
Total Pages : 1
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P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9423428

SAMPLE	PREP CODE	K % (ICP)	Mg % (ICP)	Mn ppm (ICP)	Mo ppm	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm	Sb ppm	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm
5589	207 1316	0.06	3.33	8640	0.2	0.01	6	430	2.0	< 0.2	41	0.01	23	< 10	40
5590	207 1316	0.03	2.78	6810	0.4	0.01	10	560	8.5	< 0.2	55	0.01	27	< 10	64
5591	207 1316	0.09	4.07	>10000	< 0.2	0.03	10	440	3.0	< 0.2	106	0.06	34	< 10	37
5627	207 1316	0.03	2.60	5890	0.2	0.01	8	330	3.0	< 0.2	75	< 0.01	17	< 10	43
5755	207 1316	0.02	3.67	7290	0.2	0.01	16	210	3.5	< 0.2	218	0.03	25	< 10	38
5756	207 1316	0.02	4.37	>10000	0.2	0.01	7	500	3.5	< 0.2	187	0.06	32	< 10	47
5757	207 1316	0.05	2.42	7990	0.2	< 0.01	13	440	3.0	< 0.2	64	0.08	35	< 10	34

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

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TORONTO, ON
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Project : 04/431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Page Number : 1
Total Pages : 1
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P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9423581

SAMPLE	PREP CODE		Au ppb FA+AA
5581	205	226	< 5
5586	205	226	650
5592	205	226	15
5593	205	226	55
5594	205	226	25
5595	205	226	< 5
5596	205	226	< 5
5597	205	226	< 5
5598	205	226	20
5600	205	226	< 5
5602	205	226	20
5604	205	226	5
5606	205	226	< 5
5608	205	226	< 5
5610	205	226	< 5
5614	205	226	< 5
5619	205	226	< 5
5623	205	226	< 5
5758	205	226	115
5762	205	226	< 5
5766	205	226	< 5
5770	205	226	210
5774	205	226	5
5778	205	226	< 5
5782	205	226	< 5
5786	205	226	< 5
5790	205	226	< 5
5794	205	226	< 5
5798	205	226	< 5

CERTIFICATION: Adriana Alexandru

Chemex Labs Ltd.

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A9424002

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9424002

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 8-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	25	Geochem ring to approx 150 mesh
294	25	Crush and split (6-10 pounds)
229	25	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	25	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
6	25	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.2	100.0
2119	25	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	25	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	25	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	25	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	25	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	25	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	25	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	25	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	25	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	25	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	25	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	25	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	25	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	25	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	25	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	25	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	25	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	25	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	25	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	25	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	25	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	25	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	25	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	25	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	25	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	25	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	25	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	25	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	25	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	25	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	25	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	25	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: KENNECOTT CANADA, INC.
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Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Page Number : 1-A
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Certificate Date: 08-SEP-94
Invoice No. : I9424002
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9424002

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm Aqua R	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5310	205	294	< 5	0.2	2.03	2	20	< 0.5	< 2	6.99	< 0.5	42	77	156	7.96	10	< 1	0.12	< 10	4.93	1590
5311	205	294	< 5	< 0.2	3.44	116	< 10	< 0.5	< 2	4.63	< 0.5	59	110	159	7.18	10	< 1	0.01	< 10	4.84	1125
5312	205	294	< 5	< 0.2	5.31	146	< 10	< 0.5	< 2	3.83	< 0.5	56	161	157	8.30	20	< 1	0.01	< 10	5.96	1210
5313	205	294	< 5	< 0.2	4.48	138	< 10	< 0.5	< 2	3.89	< 0.5	59	149	113	7.35	10	< 1	< 0.01	< 10	5.22	1165
5314	205	294	< 5	< 0.2	4.45	102	10	< 0.5	< 2	3.80	< 0.5	52	139	233	7.61	10	< 1	0.01	< 10	4.53	1005
5315	205	294	< 5	< 0.2	3.75	62	< 10	< 0.5	< 2	5.04	< 0.5	44	151	114	7.12	10	< 1	0.01	< 10	3.98	1045
5316	205	294	< 5	< 0.2	2.68	28	40	< 0.5	< 2	5.57	< 0.5	38	122	114	6.66	10	< 1	0.06	< 10	3.64	1065
5317	205	294	< 5	< 0.2	2.80	28	20	< 0.5	< 2	4.54	< 0.5	41	128	122	7.07	10	< 1	0.03	< 10	3.53	1115
5318	205	294	< 5	< 0.2	4.15	48	10	< 0.5	< 2	4.80	< 0.5	41	137	128	7.37	10	< 1	0.02	< 10	4.24	1125
5319	205	294	< 5	< 0.2	2.45	34	20	< 0.5	< 2	3.19	1.0	37	102	140	11.05	10	< 1	0.06	< 10	3.55	785
5320	205	294	30	0.6	0.80	100	< 10	< 0.5	< 2	0.75	1.5	29	45	126	>15.00	10	< 1	0.22	30	0.58	190
5321	205	294	5	0.4	1.47	48	10	< 0.5	< 2	3.58	1.5	37	83	153	13.10	10	< 1	0.08	< 10	2.15	645
5322	205	294	< 5	< 0.2	4.09	34	< 10	< 0.5	< 2	5.69	< 0.5	46	193	173	6.25	10	< 1	0.02	< 10	2.98	925
5323	205	294	< 5	< 0.2	4.54	2	< 10	< 0.5	< 2	5.91	< 0.5	43	200	162	6.82	< 10	< 1	< 0.01	< 10	2.97	1030
5324	205	294	< 5	< 0.2	4.12	16	< 10	< 0.5	< 2	6.47	< 0.5	39	184	125	5.87	10	< 1	< 0.01	< 10	2.60	955
5325	205	294	< 5	< 0.2	4.26	34	< 10	< 0.5	< 2	6.44	< 0.5	46	176	172	6.70	10	< 1	< 0.01	< 10	2.73	1000
5326	205	294	< 5	< 0.2	3.51	8	< 10	< 0.5	< 2	6.03	1.0	46	157	259	8.97	10	< 1	< 0.01	< 10	2.47	980
5327	205	294	< 5	< 0.2	3.64	2	< 10	< 0.5	< 2	4.83	0.5	41	166	175	9.02	10	< 1	< 0.01	< 10	2.58	1010
5328	205	294	< 5	< 0.2	3.69	8	< 10	< 0.5	< 2	6.51	0.5	39	142	150	8.26	10	< 1	< 0.01	< 10	2.57	1070
5365	205	294	55	1.8	1.41	128	10	< 0.5	< 2	2.15	11.5	23	74	373	>15.00	10	< 1	0.21	< 10	1.29	3990
5366	205	294	20	1.6	1.29	560	< 10	< 0.5	< 2	2.56	6.5	27	103	289	>15.00	10	< 1	0.07	< 10	1.63	5860
5367	205	294	15	0.8	1.10	216	< 10	< 0.5	< 2	2.90	3.5	14	99	179	>15.00	10	< 1	0.03	< 10	1.72	9810
5368	205	294	20	1.1	1.22	430	< 10	< 0.5	< 2	2.85	8.0	19	104	216	>15.00	10	< 1	0.04	< 10	1.69	7910
5369	205	294	30	1.5	1.56	380	< 10	< 0.5	< 2	2.63	6.0	20	93	286	>15.00	10	< 1	0.04	< 10	1.74	5630
5370	205	294	25	1.7	1.22	2	< 10	< 0.5	< 2	1.79	12.0	17	121	375	>15.00	10	< 1	0.22	10	0.95	2560

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
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Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Page Number : 1-B
Total Pages : 1
Certificate Date: 08-SEP-94
Invoice No. : I9424002
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CERTIFICATE OF ANALYSIS A9424002

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5310	205	294	< 1	0.02	190	170	54	4	6	58	< 0.01	< 10	< 10	54	30	84	10
5311	205	294	< 1	< 0.01	250	170	10	6	11	26	< 0.01	< 10	< 10	106	20	94	10
5312	205	294	< 1	< 0.01	244	170	12	8	20	30	< 0.01	< 10	< 10	181	30	124	10
5313	205	294	< 1	< 0.01	227	170	< 2	6	19	33	< 0.01	< 10	< 10	160	20	100	10
5314	205	294	< 1	< 0.01	211	150	4	4	22	25	< 0.01	< 10	< 10	175	20	92	10
5315	205	294	< 1	< 0.01	128	210	6	6	16	28	< 0.01	< 10	< 10	150	20	106	10
5316	205	294	< 1	0.01	107	200	2	4	11	28	< 0.01	< 10	< 10	95	20	106	10
5317	205	294	< 1	< 0.01	104	240	2	4	12	20	< 0.01	< 10	< 10	103	10	122	10
5318	205	294	< 1	< 0.01	131	210	4	6	18	28	< 0.01	< 10	< 10	165	20	110	10
5319	205	294	5	< 0.01	189	160	20	2	7	22	< 0.01	< 10	< 10	69	10	706	50
5320	205	294	19	< 0.01	111	120	44	6	2	9	< 0.01	< 10	< 10	21	< 10	946	160
5321	205	294	8	0.01	101	260	26	6	7	28	< 0.01	< 10	< 10	51	< 10	996	60
5322	205	294	< 1	0.01	80	370	8	6	32	40	0.04	< 10	< 10	262	40	104	20
5323	205	294	< 1	< 0.01	81	340	6	4	22	34	0.30	< 10	< 10	248	40	92	10
5324	205	294	< 1	0.01	73	320	10	4	21	35	0.11	< 10	< 10	220	40	84	10
5325	205	294	< 1	0.01	80	350	12	6	23	30	0.04	< 10	< 10	213	50	116	10
5326	205	294	< 1	0.03	83	350	6	6	23	33	< 0.01	< 10	< 10	208	60	314	10
5327	205	294	< 1	0.01	79	330	6	4	26	26	< 0.01	< 10	< 10	217	50	204	10
5328	205	294	< 1	0.03	71	330	10	2	24	39	< 0.01	< 10	< 10	190	60	210	10
5365	205	294	106	< 0.01	168	2590	40	8	4	49	< 0.01	< 10	40	658	60	1695	110
5366	205	294	73	< 0.01	131	2850	38	6	4	52	< 0.01	< 10	20	576	80	1065	60
5367	205	294	27	0.01	68	2550	22	2	3	46	< 0.01	< 10	10	215	80	632	30
5368	205	294	41	0.01	76	2730	28	4	4	48	< 0.01	< 10	20	352	70	1080	50
5369	205	294	32	< 0.01	111	2500	30	< 2	3	36	< 0.01	< 10	20	352	80	964	50
5370	205	294	42	0.01	176	1190	36	6	3	28	< 0.01	< 10	20	181	60	1875	100

CERTIFICATION: Stuart Bichler

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A9423998

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9423998

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 9-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	97	Geochem ring to approx 150 mesh
294	97	Crush and split (6-10 pounds)
229	97	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	97	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	97	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	97	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	97	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	97	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	97	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	97	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	97	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	97	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	97	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	97	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	97	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	97	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	97	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	97	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	97	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	97	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	97	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	97	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	97	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	97	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	97	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	97	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	97	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	97	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	97	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	97	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	97	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	97	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	97	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	97	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	97	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	97	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	97	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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CERTIFICATE OF ANALYSIS A9423998

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
TR 5087	205	294	< 5	< 0.2	0.53	32	< 10	< 0.5	< 2	3.44	< 0.5	3	67	5	>15.00	10	< 1	< 0.01	< 10	3.00	>10000
TR 5088	205	294	< 5	< 0.2	0.66	< 2	< 10	< 0.5	< 2	1.69	< 0.5	6	86	3	>15.00	< 10	< 1	< 0.01	< 10	2.43	9690
TR 5089	205	294	< 5	< 0.2	1.03	18	10	< 0.5	< 2	6.29	< 0.5	3	45	7	>15.00	10	< 1	0.12	< 10	3.90	>10000
TR 5090	205	294	< 5	< 0.2	0.73	< 2	< 10	< 0.5	2	1.90	< 0.5	7	34	7	>15.00	< 10	< 1	0.03	< 10	2.57	>10000
TR 5091	205	294	< 5	< 0.2	0.96	< 2	< 10	< 0.5	< 2	2.06	< 0.5	6	59	12	>15.00	20	< 1	0.09	< 10	2.81	>10000
TR 5092	205	294	< 5	< 0.2	1.39	< 2	30	< 0.5	< 2	1.43	< 0.5	5	60	7	>15.00	10	< 1	0.32	< 10	3.07	>10000
TR 5093	205	294	< 5	< 0.2	1.37	10	60	< 0.5	< 2	1.28	< 0.5	8	94	15	12.75	10	< 1	0.57	< 10	1.67	>10000
TR 5094	205	294	< 5	< 0.2	2.41	2	90	< 0.5	< 2	0.90	< 0.5	12	70	33	>15.00	< 10	4	1.31	< 10	2.06	>10000
TR 5095	205	294	< 5	< 0.2	1.96	6	60	< 0.5	< 2	2.37	0.5	7	81	23	>15.00	10	< 1	1.33	< 10	2.79	>10000
TR 5096	205	294	< 5	< 0.2	2.90	6	120	< 0.5	< 2	1.07	< 0.5	17	90	38	10.70	30	< 1	2.18	20	1.64	4060
TR 5097	205	294	< 5	< 0.2	3.06	< 2	110	< 0.5	< 2	0.51	0.5	18	98	28	10.05	10	< 1	2.27	20	1.57	1940
TR 5098	205	294	< 5	< 0.2	4.10	2	150	< 0.5	< 2	0.72	0.5	18	129	33	11.80	20	< 1	2.81	30	1.85	2430
TR 5099	205	294	< 5	0.2	3.42	< 2	110	< 0.5	< 2	0.51	0.5	17	102	40	11.10	10	< 1	2.31	30	1.63	1950
TR 5100	205	294	< 5	0.2	3.16	< 2	110	< 0.5	< 2	0.61	0.5	18	113	54	10.30	10	< 1	2.39	30	1.61	1550
TR 5101	205	294	< 5	0.4	2.48	< 2	70	< 0.5	< 2	0.31	0.5	20	88	67	10.10	10	< 1	1.93	30	1.30	875
TR 5102	205	294	< 5	0.2	3.00	< 2	130	< 0.5	< 2	0.65	0.5	19	89	65	9.47	10	< 1	1.96	30	1.60	1265
TR 5103	205	294	< 5	< 0.2	4.42	14	160	< 0.5	< 2	1.88	0.5	24	165	28	8.51	20	< 1	2.51	20	2.82	2290
TR 5104	205	294	< 5	< 0.2	4.44	< 2	120	< 0.5	< 2	1.66	0.5	18	137	53	8.83	20	< 1	2.02	20	2.67	1815
TR 5105	205	294	< 5	< 0.2	4.72	34	100	< 0.5	< 2	4.97	0.5	40	179	160	8.58	10	< 1	1.62	< 10	3.15	1385
TR 5106	205	294	< 5	< 0.2	4.49	30	< 10	< 0.5	< 2	5.95	0.5	34	199	133	7.54	10	< 1	0.13	< 10	3.56	1195
TR 5107	205	294	< 5	< 0.2	3.07	6	20	< 0.5	< 2	1.98	< 0.5	37	130	205	5.61	20	< 1	0.29	< 10	2.28	805
TR 5108	205	294	< 5	< 0.2	4.34	28	40	< 0.5	< 2	3.94	< 0.5	34	161	124	7.86	20	< 1	0.71	< 10	2.88	2110
TR 5109	205	294	< 5	< 0.2	2.64	6	80	< 0.5	< 2	0.46	< 0.5	15	64	32	5.05	10	< 1	0.95	30	1.16	1230
TR 5110	205	294	< 5	< 0.2	2.99	24	40	< 0.5	< 2	2.09	< 0.5	18	89	57	5.59	20	< 1	1.24	20	1.95	690
TR 5111	205	294	< 5	< 0.2	2.83	10	80	< 0.5	< 2	0.95	< 0.5	13	75	51	5.34	20	< 1	1.64	30	1.51	440
TR 5112	205	294	< 5	< 0.2	1.95	2	70	< 0.5	< 2	0.41	< 0.5	9	72	29	3.99	20	< 1	1.35	30	0.93	325
TR 5113	205	294	< 5	< 0.2	3.13	20	100	< 0.5	< 2	0.14	< 0.5	20	79	198	6.45	20	< 1	1.93	30	1.52	390
TR 5114	205	294	< 5	< 0.2	2.66	4	90	< 0.5	< 2	0.18	< 0.5	10	85	98	5.22	10	< 1	1.47	30	1.22	270
TR 5115	205	294	< 5	< 0.2	3.22	< 2	60	< 0.5	< 2	0.06	< 0.5	6	64	27	6.95	10	< 1	1.19	30	1.65	215
TR 5116	205	294	< 5	< 0.2	3.09	< 2	60	< 0.5	< 2	0.08	< 0.5	7	83	29	6.58	10	< 1	1.31	30	1.64	185
TR 5117	205	294	< 5	< 0.2	3.18	42	60	< 0.5	< 2	3.20	< 0.5	23	106	88	7.31	10	< 1	1.37	10	2.90	1355
TR 5118	205	294	< 5	0.2	2.20	82	60	< 0.5	< 2	4.12	< 0.5	36	97	119	6.51	10	< 1	1.43	< 10	2.53	1185
TR 5119	205	294	< 5	0.2	1.22	< 2	60	< 0.5	< 2	1.59	< 0.5	8	42	62	3.81	10	< 1	0.98	30	1.27	625
TR 5120	205	294	< 5	0.2	1.22	< 2	60	< 0.5	< 2	1.25	< 0.5	14	58	79	4.22	10	< 1	0.96	30	1.11	455
TR 5121	205	294	< 5	0.2	1.99	< 2	80	< 0.5	< 2	0.57	< 0.5	10	67	46	4.51	10	< 1	1.38	40	0.94	265
TR 5122	205	294	< 5	0.2	1.48	6	40	< 0.5	< 2	0.14	1.5	12	52	52	4.06	10	< 1	1.04	40	0.65	250
TR 5123	205	294	< 5	0.2	3.12	4	60	< 0.5	< 2	0.71	0.5	19	79	56	8.44	20	< 1	0.81	30	1.57	2590
TR 5124	205	294	< 5	< 0.2	3.83	< 2	20	< 0.5	< 2	1.20	0.5	14	94	32	9.40	20	< 1	0.19	30	2.13	1105
TR 5125	205	294	< 5	< 0.2	3.64	24	20	< 0.5	< 2	4.44	< 0.5	21	97	137	11.35	20	< 1	0.18	< 10	3.71	4040
TR 5126	205	294	< 5	< 0.2	2.17	28	10	< 0.5	< 2	3.00	< 0.5	10	93	170	14.50	10	< 1	0.15	< 10	2.83	9000

CERTIFICATION: Stewart Bichler

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Total Pages :3
Certificate Date: 09-SEP-94
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Account :LZV

CERTIFICATE OF ANALYSIS A9423998

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
TR 5087	205	294	< 1	< 0.01	8	390	< 2	< 2	2	19	< 0.01	< 10	< 10	26	< 10	8	10
TR 5088	205	294	1	0.01	7	360	< 2	< 2	1	11	0.01	< 10	< 10	28	< 10	14	10
TR 5089	205	294	< 1	< 0.01	9	470	< 2	< 2	3	28	0.02	< 10	< 10	47	< 10	16	10
TR 5090	205	294	< 1	0.01	7	390	< 2	< 2	1	13	0.01	< 10	< 10	36	< 10	12	10
TR 5091	205	294	< 1	< 0.01	10	330	< 2	< 2	3	19	0.02	< 10	< 10	75	< 10	10	10
TR 5092	205	294	< 1	< 0.01	16	630	< 2	< 2	5	22	0.04	< 10	< 10	109	< 10	28	10
TR 5093	205	294	< 1	< 0.01	13	360	< 2	< 2	4	28	0.07	< 10	< 10	56	< 10	44	10
TR 5094	205	294	6	0.01	21	440	< 2	< 2	7	28	0.16	< 10	< 10	91	< 10	48	10
TR 5095	205	294	< 1	0.01	16	540	< 2	< 2	7	73	0.15	< 10	< 10	113	< 10	42	10
TR 5096	205	294	< 1	0.01	38	240	4	4	6	29	0.18	< 10	< 10	113	< 10	80	10
TR 5097	205	294	< 1	0.01	44	160	< 2	< 2	4	16	0.21	< 10	< 10	77	< 10	96	10
TR 5098	205	294	< 1	0.01	57	690	< 2	< 2	7	22	0.27	< 10	< 10	116	< 10	124	10
TR 5099	205	294	< 1	0.01	49	200	4	< 2	5	15	0.24	< 10	< 10	99	< 10	120	10
TR 5100	205	294	3	0.01	52	250	8	< 2	7	17	0.25	< 10	< 10	122	< 10	132	10
TR 5101	205	294	1	0.01	51	260	14	< 2	3	10	0.24	< 10	< 10	90	< 10	122	10
TR 5102	205	294	2	0.01	51	280	6	< 2	4	15	0.23	< 10	< 10	92	< 10	160	20
TR 5103	205	294	< 1	0.01	51	280	6	< 2	15	35	0.32	< 10	< 10	161	< 10	160	10
TR 5104	205	294	< 1	0.01	48	280	< 2	< 2	12	31	0.28	< 10	< 10	134	< 10	102	20
TR 5105	205	294	< 1	0.01	81	270	2	< 2	23	78	0.22	< 10	< 10	238	< 10	78	10
TR 5106	205	294	< 1	0.01	63	260	< 2	< 2	34	76	0.16	< 10	< 10	280	< 10	78	10
TR 5107	205	294	< 1	0.01	103	340	< 2	< 2	4	30	0.24	< 10	< 10	113	< 10	60	20
TR 5108	205	294	< 1	0.01	79	300	< 2	< 2	26	66	0.16	< 10	< 10	218	< 10	100	10
TR 5109	205	294	< 1	< 0.01	33	200	< 2	< 2	2	12	0.08	< 10	< 10	28	< 10	66	20
TR 5110	205	294	< 1	< 0.01	50	190	< 2	< 2	8	83	0.14	< 10	< 10	76	< 10	70	10
TR 5111	205	294	< 1	0.01	40	180	8	< 2	4	44	0.16	< 10	< 10	39	< 10	62	10
TR 5112	205	294	< 1	< 0.01	28	190	26	< 2	2	25	0.15	< 10	< 10	20	< 10	52	10
TR 5113	205	294	< 1	0.01	44	240	8	2	8	10	0.22	< 10	< 10	72	< 10	80	10
TR 5114	205	294	< 1	< 0.01	29	310	2	< 2	3	11	0.14	< 10	< 10	30	< 10	98	10
TR 5115	205	294	< 1	< 0.01	22	210	< 2	< 2	3	6	0.15	< 10	< 10	28	< 10	66	10
TR 5116	205	294	< 1	0.01	23	140	< 2	< 2	3	7	0.16	< 10	< 10	32	< 10	62	10
TR 5117	205	294	< 1	0.01	66	490	< 2	< 2	8	190	0.16	< 10	< 10	80	< 10	70	10
TR 5118	205	294	< 1	0.01	105	250	< 2	< 2	9	247	0.18	< 10	< 10	89	< 10	80	10
TR 5119	205	294	< 1	0.01	27	890	8	< 2	1	110	0.10	< 10	< 10	21	< 10	64	10
TR 5120	205	294	2	0.01	38	930	26	< 2	2	87	0.09	< 10	< 10	31	< 10	70	10
TR 5121	205	294	< 1	0.01	29	510	10	< 2	2	45	0.13	< 10	< 10	22	< 10	64	10
TR 5122	205	294	< 1	< 0.01	37	190	14	< 2	1	12	0.12	< 10	< 10	21	< 10	168	10
TR 5123	205	294	< 1	< 0.01	44	220	2	< 2	4	43	0.08	< 10	< 10	60	< 10	130	30
TR 5124	205	294	< 1	< 0.01	39	170	< 2	< 2	5	24	0.03	< 10	< 10	93	< 10	100	10
TR 5125	205	294	< 1	0.01	48	470	< 2	< 2	9	68	0.02	< 10	< 10	147	< 10	60	20
TR 5126	205	294	< 1	0.08	29	430	< 2	< 2	7	37	0.01	< 10	< 10	100	< 10	44	40

CERTIFICATION: Stan Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
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TO: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Page Number :2-A
Total Pages :3
Certificate Date: 09-SEP-94
Invoice No. :I9423998
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9423998

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
TR 5127	205	294	< 5	< 0.2	0.86	8	30	< 0.5	< 2	1.81	< 0.5	6	94	9	>15.00	10	< 1	0.24	< 10	2.47	>10000
TR 5128	205	294	< 5	< 0.2	1.27	20	20	< 0.5	< 2	2.58	< 0.5	6	72	17	13.80	10	< 1	0.17	< 10	2.63	9780
TR 5213	205	294	40	0.8	1.14	38	10	< 0.5	< 2	2.54	4.5	11	91	153	>15.00	< 10	< 1	0.07	10	1.53	7820
TR 5214	205	294	30	0.6	0.80	46	< 10	< 0.5	< 2	2.71	1.0	10	48	151	>15.00	< 10	1	0.04	10	1.41	9730
TR 5215	205	294	50	0.6	1.06	30	10	< 0.5	2	2.49	2.0	11	81	130	>15.00	< 10	< 1	0.06	10	1.40	8930
TR 5216	205	294	20	0.6	0.98	16	< 10	< 0.5	< 2	2.66	0.5	8	48	96	>15.00	< 10	2	0.02	10	1.48	9210
TR 5470	205	294	10	0.8	1.67	66	10	< 0.5	< 2	0.84	3.0	20	83	104	11.85	10	< 1	0.18	20	0.94	295
TR 5471	205	294	< 5	0.8	0.87	52	< 10	< 0.5	< 2	2.01	3.0	21	43	116	10.50	< 10	< 1	0.08	20	1.13	340
TR 5472	205	294	< 5	0.6	1.23	32	< 10	< 0.5	< 2	0.76	1.5	20	33	110	9.81	< 10	< 1	0.09	20	0.86	140
TR 5473	205	294	< 5	0.6	1.26	38	< 10	< 0.5	< 2	0.28	1.5	23	46	142	10.75	< 10	< 1	0.13	20	0.65	75
TR 5474	205	294	< 5	0.6	1.21	22	10	< 0.5	< 2	0.67	2.0	21	74	115	8.31	< 10	< 1	0.26	10	0.64	135
TR 5475	205	294	< 5	0.6	1.29	32	10	< 0.5	< 2	0.65	2.0	23	50	118	8.87	< 10	< 1	0.15	10	0.85	150
TR 5476	205	294	< 5	0.6	1.53	28	20	< 0.5	< 2	0.28	2.0	23	83	146	9.23	< 10	< 1	0.32	20	0.61	70
TR 5477	205	294	< 5	0.6	0.75	34	10	< 0.5	< 2	0.18	3.0	24	52	118	7.61	< 10	< 1	0.16	10	0.27	50
TR 5478	205	294	< 5	0.4	1.07	20	20	< 0.5	< 2	0.15	2.0	16	104	136	8.00	< 10	< 1	0.34	30	0.22	40
TR 5759	205	294	< 5	< 0.2	0.60	28	< 10	< 0.5	< 2	8.32	< 0.5	1	92	7	11.45	< 10	< 1	0.02	< 10	4.69	6730
TR 5760	205	294	< 5	< 0.2	0.42	14	< 10	< 0.5	< 2	9.41	< 0.5	< 1	114	1	8.51	< 10	< 1	0.04	< 10	4.43	4320
TR 5761	205	294	< 5	< 0.2	0.70	18	< 10	< 0.5	< 2	9.51	< 0.5	1	65	6	11.70	< 10	< 1	0.02	< 10	5.18	6880
TR 5763	205	294	< 5	< 0.2	0.62	24	< 10	< 0.5	< 2	5.31	< 0.5	4	80	16	8.85	< 10	< 1	0.01	< 10	3.51	3900
TR 5764	205	294	< 5	< 0.2	0.59	8	< 10	< 0.5	< 2	9.58	< 0.5	2	54	4	9.94	< 10	< 1	0.02	< 10	4.65	6230
TR 5765	205	294	< 5	< 0.2	0.90	14	< 10	< 0.5	< 2	12.00	< 0.5	1	39	8	12.20	< 10	< 1	0.02	< 10	5.51	8730
TR 5767	205	294	< 5	< 0.2	0.90	14	< 10	< 0.5	< 2	9.82	< 0.5	3	39	10	11.65	< 10	< 1	< 0.01	< 10	4.82	9720
TR 5768	205	294	< 5	< 0.2	0.95	10	< 10	< 0.5	< 2	4.33	< 0.5	6	61	22	13.10	< 10	< 1	0.02	< 10	3.83	6260
TR 5769	205	294	< 5	< 0.2	0.46	20	< 10	< 0.5	< 2	10.30	< 0.5	2	36	11	9.12	< 10	< 1	0.03	< 10	4.45	4560
TR 5771	205	294	< 5	< 0.2	0.35	14	< 10	< 0.5	< 2	13.35	< 0.5	< 1	44	2	9.19	< 10	< 1	0.01	< 10	5.13	5600
TR 5772	205	294	< 5	< 0.2	0.39	30	< 10	< 0.5	< 2	10.20	< 0.5	1	70	6	10.40	< 10	< 1	< 0.01	< 10	4.67	6520
TR 5773	205	294	< 5	< 0.2	0.62	18	< 10	< 0.5	< 2	4.60	< 0.5	2	42	8	>15.00	< 10	< 1	0.03	< 10	3.43	>10000
TR 5775	205	294	< 5	< 0.2	0.62	12	< 10	< 0.5	< 2	2.43	< 0.5	4	55	8	14.85	10	< 1	0.05	< 10	2.79	>10000
TR 5776	205	294	< 5	< 0.2	0.67	< 2	< 10	< 0.5	< 2	1.50	< 0.5	9	42	8	>15.00	< 10	< 1	0.06	< 10	2.57	>10000
TR 5777	205	294	< 5	< 0.2	0.53	14	< 10	< 0.5	< 2	1.36	< 0.5	6	87	7	14.00	< 10	< 1	0.02	< 10	2.31	>10000
TR 5779	205	294	< 5	< 0.2	0.76	24	< 10	< 0.5	< 2	3.96	< 0.5	4	36	8	>15.00	10	< 1	0.02	< 10	3.49	>10000
TR 5780	205	294	< 5	< 0.2	0.80	24	< 10	< 0.5	< 2	3.72	< 0.5	3	41	9	>15.00	10	< 1	0.01	< 10	3.68	>10000
TR 5781	205	294	< 5	< 0.2	0.58	< 2	< 10	< 0.5	6	2.71	< 0.5	6	35	4	>15.00	< 10	< 1	0.03	< 10	3.05	>10000
TR 5783	205	294	< 5	< 0.2	0.65	14	< 10	< 0.5	< 2	1.54	< 0.5	4	91	9	>15.00	10	< 1	0.03	< 10	2.85	>10000
TR 5784	205	294	< 5	< 0.2	0.54	18	< 10	< 0.5	< 2	3.14	< 0.5	< 1	46	10	>15.00	< 10	< 1	0.09	< 10	3.78	>10000
TR 5785	205	294	< 5	< 0.2	0.40	26	< 10	< 0.5	< 2	2.51	< 0.5	3	92	11	>15.00	< 10	< 1	0.07	< 10	3.24	>10000
TR 5787	205	294	< 5	< 0.2	0.62	44	< 10	< 0.5	< 2	3.82	< 0.5	2	43	11	>15.00	< 10	< 1	0.11	< 10	4.01	>10000
TR 5788	205	294	< 5	< 0.2	0.25	6	< 10	< 0.5	< 2	7.87	< 0.5	< 1	49	3	10.70	< 10	< 1	0.04	< 10	4.16	7420
TR 5789	205	294	< 5	< 0.2	0.29	12	< 10	< 0.5	< 2	10.70	< 0.5	< 1	59	2	10.05	< 10	< 1	0.06	< 10	4.87	6970
TR 5791	205	294	< 5	< 0.2	0.35	10	< 10	< 0.5	< 2	3.16	< 0.5	1	51	6	>15.00	< 10	< 1	0.03	< 10	3.32	>10000

CERTIFICATION: Ian R Pochon

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 09-SEP-94
Invoice No. :19423998
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9423998

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
TR 5127	205	294	< 1	0.12	9	430	< 2	< 2	3	19	0.01	< 10	< 10	64	30	12	20
TR 5128	205	294	< 1	0.08	12	420	< 2	< 2	4	31	0.01	< 10	< 10	70	20	28	20
TR 5213	205	294	26	0.01	36	2180	8	< 2	1	55	< 0.01	< 10	10	165	50	816	80
TR 5214	205	294	15	0.01	28	1760	6	< 2	1	61	< 0.01	< 10	10	44	40	558	40
TR 5215	205	294	16	0.01	22	1570	8	< 2	1	55	< 0.01	< 10	< 10	72	50	636	40
TR 5216	205	294	16	0.01	21	1490	6	< 2	1	61	< 0.01	< 10	< 10	56	40	452	20
TR 5470	205	294	11	0.07	125	240	22	< 2	3	17	< 0.01	< 10	< 10	32	20	608	620
TR 5471	205	294	10	0.03	114	180	18	< 2	2	16	< 0.01	< 10	< 10	13	20	670	580
TR 5472	205	294	7	0.02	109	220	12	< 2	2	8	< 0.01	< 10	< 10	14	10	426	490
TR 5473	205	294	9	0.01	129	250	14	< 2	2	5	< 0.01	< 10	< 10	14	20	416	410
TR 5474	205	294	9	0.03	113	350	10	< 2	3	9	< 0.01	< 10	< 10	17	10	510	570
TR 5475	205	294	10	0.01	113	360	12	< 2	2	7	< 0.01	< 10	< 10	15	10	508	520
TR 5476	205	294	11	0.03	125	520	14	< 2	3	10	< 0.01	< 10	< 10	22	10	642	540
TR 5477	205	294	12	0.01	120	270	18	< 2	2	4	< 0.01	< 10	< 10	10	10	716	730
TR 5478	205	294	14	0.03	144	340	10	< 2	2	7	< 0.01	< 10	< 10	16	10	602	500
TR 5759	205	294	< 1	< 0.01	7	240	< 2	< 2	2	113	0.01	< 10	< 10	41	30	22	10
TR 5760	205	294	< 1	< 0.01	4	190	< 2	< 2	1	127	0.01	< 10	< 10	26	20	16	10
TR 5761	205	294	< 1	< 0.01	8	330	< 2	< 2	3	127	< 0.01	< 10	< 10	52	30	18	10
TR 5763	205	294	< 1	< 0.01	7	390	< 2	< 2	2	49	< 0.01	< 10	< 10	44	20	6	10
TR 5764	205	294	< 1	< 0.01	6	310	< 2	< 2	2	82	< 0.01	< 10	< 10	45	20	8	10
TR 5765	205	294	< 1	< 0.01	6	390	< 2	< 2	3	93	0.01	< 10	< 10	66	40	16	10
TR 5767	205	294	< 1	< 0.01	7	410	< 2	< 2	3	76	< 0.01	< 10	< 10	74	30	12	10
TR 5768	205	294	< 1	< 0.01	11	530	< 2	< 2	3	41	0.01	< 10	< 10	69	30	18	10
TR 5769	205	294	< 1	< 0.01	6	300	< 2	< 2	2	89	< 0.01	< 10	< 10	26	20	10	10
TR 5771	205	294	< 1	< 0.01	3	110	< 2	< 2	2	132	< 0.01	< 10	< 10	23	30	8	10
TR 5772	205	294	< 1	< 0.01	6	240	< 2	2	1	82	< 0.01	< 10	< 10	23	30	8	10
TR 5773	205	294	< 1	< 0.01	6	370	< 2	< 2	2	37	0.01	< 10	< 10	38	40	12	10
TR 5775	205	294	< 1	< 0.01	8	320	< 2	< 2	2	17	0.01	< 10	< 10	37	30	8	10
TR 5776	205	294	< 1	0.01	11	480	< 2	< 2	1	11	0.01	< 10	< 10	40	40	10	10
TR 5777	205	294	< 1	< 0.01	8	290	< 2	< 2	2	10	< 0.01	< 10	< 10	33	30	8	10
TR 5779	205	294	< 1	< 0.01	10	310	< 2	2	3	24	0.01	< 10	< 10	49	40	10	10
TR 5780	205	294	< 1	< 0.01	9	400	< 2	< 2	3	23	0.01	< 10	< 10	51	40	10	10
TR 5781	205	294	1	0.01	8	410	< 2	< 2	1	17	0.01	< 10	< 10	23	40	10	10
TR 5783	205	294	< 1	< 0.01	8	410	< 2	< 2	2	12	0.01	< 10	< 10	43	30	10	10
TR 5784	205	294	< 1	< 0.01	9	450	< 2	< 2	2	21	0.02	< 10	< 10	32	30	10	10
TR 5785	205	294	< 1	< 0.01	11	340	< 2	< 2	2	15	0.01	< 10	< 10	17	20	8	10
TR 5787	205	294	< 1	< 0.01	9	290	< 2	< 2	2	22	0.01	< 10	< 10	37	30	10	10
TR 5788	205	294	< 1	< 0.01	5	220	< 2	< 2	1	38	< 0.01	< 10	< 10	12	20	4	10
TR 5789	205	294	< 1	< 0.01	4	160	< 2	< 2	1	49	0.01	< 10	< 10	16	20	4	10
TR 5791	205	294	< 1	< 0.01	7	380	< 2	< 2	2	18	< 0.01	< 10	< 10	14	20	6	10

CERTIFICATION: David Pochon

Chemex Labs Ltd.

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TO: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 09-SEP-94
Invoice No. : I9423998
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9423998

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
TR 5792	205	294	< 5	< 0.2	0.71	< 2	10	< 0.5	< 2	3.38	0.5	3	53	8	>15.00	10	< 1	0.10	< 10	3.37	>10000
TR 5793	205	294	< 5	< 0.2	0.71	< 2	10	< 0.5	< 2	3.01	0.5	3	51	11	14.35	10	< 1	0.07	< 10	2.98	>10000
TR 5795	205	294	< 5	< 0.2	1.26	< 2	< 10	< 0.5	< 2	2.97	< 0.5	4	94	12	14.10	10	< 1	< 0.01	< 10	3.45	7690
TR 5796	205	294	< 5	< 0.2	0.54	18	< 10	< 0.5	< 2	3.01	< 0.5	6	127	52	>15.00	< 10	< 1	< 0.01	< 10	3.99	6030
TR 5797	205	294	< 5	< 0.2	0.28	2	< 10	< 0.5	< 2	3.14	< 0.5	2	116	4	7.45	< 10	< 1	0.01	< 10	2.16	4070
TR 5799	205	294	< 5	< 0.2	0.77	< 2	70	< 0.5	< 2	2.62	0.5	2	51	49	>15.00	< 10	< 1	0.18	< 10	3.79	6980
TR 5800	205	294	< 5	< 0.2	0.77	12	50	< 0.5	< 2	3.54	< 0.5	2	71	22	13.45	< 10	< 1	0.11	< 10	3.48	6370
TR 5801	205	294	< 5	< 0.2	0.73	4	< 10	< 0.5	< 2	6.63	< 0.5	4	45	96	13.35	< 10	< 1	0.01	< 10	3.74	>10000
TR 5802	205	294	< 5	< 0.2	4.34	14	10	< 0.5	< 2	5.76	< 0.5	30	148	4	8.67	10	< 1	0.04	< 10	4.16	2510
TR 5803	205	294	< 5	< 0.2	4.30	< 2	< 10	< 0.5	< 2	5.96	0.5	33	178	141	7.15	10	< 1	< 0.01	< 10	3.52	1255
TR 5804	205	294	< 5	< 0.2	4.51	20	< 10	< 0.5	< 2	5.84	< 0.5	35	193	140	7.39	10	< 1	< 0.01	< 10	3.76	1150
TR 5805	205	294	< 5	< 0.2	4.03	2	< 10	< 0.5	< 2	6.07	< 0.5	30	161	94	6.41	10	< 1	< 0.01	< 10	3.45	1085
TR 5806	205	294	< 5	< 0.2	4.40	< 2	< 10	< 0.5	< 2	5.87	0.5	31	174	148	7.03	10	< 1	0.01	< 10	3.64	1095
TR 5807	205	294	< 5	< 0.2	4.18	< 2	< 10	< 0.5	< 2	7.25	< 0.5	31	174	128	7.00	< 10	< 1	0.02	< 10	3.38	1290
TR 5808	205	294	< 5	< 0.2	4.59	< 2	10	< 0.5	< 2	6.60	0.5	34	195	131	7.74	< 10	< 1	0.09	< 10	3.55	1260
TR 5809	205	294	< 5	< 0.2	4.69	< 2	40	< 0.5	< 2	6.27	0.5	34	197	151	7.91	< 10	< 1	0.28	< 10	3.64	1290
TR 5810	205	294	< 5	< 0.2	4.88	4	70	< 0.5	< 2	5.66	< 0.5	32	191	126	7.92	< 10	< 1	0.49	< 10	3.90	1300

CERTIFICATION: David Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 09-SEP-94
Invoice No. : I9423998
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9423998

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
TR 5792	205 294	< 1	< 0.01	9	480	< 2	< 2	3	23	0.01	< 10	< 10	44	40	10	10
TR 5793	205 294	< 1	< 0.01	7	630	< 2	< 2	2	21	0.01	< 10	< 10	52	40	12	10
TR 5795	205 294	< 1	< 0.01	11	550	< 2	< 2	4	21	0.01	< 10	< 10	86	30	26	10
TR 5796	205 294	< 1	< 0.01	15	180	< 2	< 2	3	32	< 0.01	< 10	< 10	37	30	28	10
TR 5797	205 294	< 1	< 0.01	3	150	< 2	< 2	1	28	< 0.01	< 10	< 10	16	10	8	10
TR 5799	205 294	< 1	< 0.01	8	260	< 2	< 2	3	24	0.02	< 10	< 10	51	40	20	10
TR 5800	205 294	< 1	0.01	7	300	< 2	< 2	3	31	0.02	< 10	< 10	58	30	18	10
TR 5801	205 294	< 1	0.01	6	300	< 2	< 2	2	53	< 0.01	< 10	< 10	52	40	16	10
TR 5802	205 294	< 1	< 0.01	63	210	< 2	< 2	21	54	0.03	< 10	< 10	199	30	58	10
TR 5803	205 294	< 1	0.01	63	220	< 2	< 2	38	60	0.04	< 10	< 10	299	20	70	10
TR 5804	205 294	< 1	0.01	68	230	< 2	< 2	40	59	0.11	< 10	< 10	312	20	78	10
TR 5805	205 294	< 1	< 0.01	57	200	< 2	< 2	34	60	0.10	< 10	< 10	262	20	70	10
TR 5806	205 294	< 1	0.01	62	210	< 2	< 2	37	59	0.12	< 10	< 10	284	20	76	10
TR 5807	205 294	< 1	0.01	61	200	< 2	< 2	37	70	0.14	< 10	< 10	273	20	72	10
TR 5808	205 294	< 1	0.01	64	220	< 2	< 2	41	64	0.25	< 10	< 10	304	20	80	10
TR 5809	205 294	< 1	0.01	65	230	< 2	< 2	41	59	0.24	< 10	< 10	303	30	82	10
TR 5810	205 294	< 1	0.01	64	220	< 2	< 2	41	51	0.30	< 10	< 10	294	20	86	10

CERTIFICATION: David Buchler

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To: KENNECOTT CANADA, INC.
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TORONTO, ON
M5J 2S1

RECEIVED

A9423999

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9423999

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 10-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	100	Geochem ring to approx 150 mesh
294	100	Crush and split (6-10 pounds)
229	100	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	100	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	100	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	100	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	100	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	100	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	100	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	100	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	100	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	100	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	100	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	100	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	100	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	100	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	100	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	100	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	100	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	100	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	100	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	100	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	100	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	100	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	100	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	100	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	100	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	100	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	100	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	100	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	100	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	100	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	100	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	100	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	100	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	100	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	100	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 07-SEP-94
Invoice No. : I9423999
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9423999

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5177	205	294	40	1.2	1.17	106	10	< 0.5	2	0.30	1.5	25	49	137	14.95	10	< 1	0.14	10	0.67	100
5178	205	294	< 5	0.6	1.57	32	10	< 0.5	< 2	0.47	2.5	19	47	128	9.84	< 10	< 1	0.14	< 10	1.08	150
5179	205	294	< 5	0.8	1.58	16	10	< 0.5	< 2	0.35	2.0	29	68	164	10.85	10	< 1	0.17	10	0.94	120
5180	205	294	< 5	0.6	1.66	22	20	< 0.5	2	0.48	1.5	27	64	133	10.60	10	< 1	0.24	10	0.95	150
5181	205	294	< 5	0.8	1.71	16	20	< 0.5	< 2	0.37	1.5	19	84	184	11.25	< 10	< 1	0.20	< 10	1.00	130
5182	205	294	< 5	0.8	1.85	20	10	< 0.5	< 2	0.60	2.0	22	67	183	10.85	10	< 1	0.13	< 10	1.31	220
5183	205	294	< 5	0.6	1.55	16	10	< 0.5	< 2	0.60	1.5	23	56	166	11.85	10	< 1	0.13	10	1.03	175
5184	205	294	< 5	0.6	1.30	16	20	< 0.5	< 2	0.39	3.5	17	56	141	9.97	< 10	< 1	0.23	10	0.67	115
5185	205	294	< 5	1.2	1.26	16	10	< 0.5	< 2	0.66	1.5	16	62	189	11.45	10	< 1	0.16	10	0.91	200
5186	205	294	< 5	1.0	2.11	22	20	< 0.5	< 2	0.66	3.0	18	78	207	12.40	10	< 1	0.31	10	1.24	200
5187	205	294	< 5	1.0	1.25	18	20	< 0.5	< 2	0.44	3.0	39	78	181	11.75	10	< 1	0.24	10	0.68	125
5188	205	294	< 5	0.8	2.02	28	30	< 0.5	< 2	0.41	2.0	27	95	149	9.56	10	< 1	0.42	10	0.87	135
5189	205	294	< 5	1.0	1.47	22	10	< 0.5	< 2	0.82	2.0	27	131	172	11.60	< 10	< 1	0.20	< 10	1.02	260
5190	205	294	< 5	0.6	2.43	16	30	< 0.5	< 2	0.50	2.0	42	124	166	11.10	10	< 1	0.44	10	1.09	185
5191	205	294	< 5	1.2	1.81	26	20	< 0.5	< 2	0.28	1.5	33	117	122	10.45	10	< 1	0.19	10	1.02	125
5192	205	294	< 5	1.2	2.07	10	30	< 0.5	< 2	0.77	1.5	19	115	135	9.70	10	< 1	0.36	< 10	1.19	275
5193	205	294	< 5	0.8	1.68	6	10	< 0.5	< 2	0.30	1.5	13	79	124	8.29	< 10	< 1	0.18	< 10	0.99	140
5194	205	294	10	1.0	1.78	16	30	< 0.5	< 2	0.29	1.5	24	61	101	7.78	< 10	1	0.32	< 10	0.83	130
5195	205	294	20	1.6	1.39	30	10	< 0.5	< 2	0.63	1.5	32	70	116	10.60	< 10	< 1	0.13	< 10	0.98	280
5196	205	294	< 5	1.6	1.59	18	20	< 0.5	< 2	0.60	2.0	22	72	136	8.98	< 10	< 1	0.27	< 10	0.91	265
5197	205	294	5	1.4	1.46	8	10	< 0.5	< 2	0.90	2.0	17	106	159	8.71	< 10	< 1	0.20	< 10	1.06	400
5198	205	294	< 5	1.6	1.41	20	20	< 0.5	< 2	0.70	2.0	23	73	134	8.78	< 10	< 1	0.31	< 10	0.79	350
5199	205	294	15	1.6	1.36	22	10	< 0.5	< 2	0.72	2.5	22	85	149	9.45	< 10	< 1	0.24	< 10	0.84	385
5200	205	294	< 5	1.8	1.63	16	20	< 0.5	2	0.46	3.0	10	113	153	8.73	< 10	< 1	0.37	< 10	0.73	275
5201	205	294	< 5	1.4	1.73	20	10	< 0.5	< 2	0.66	3.5	16	97	164	9.41	< 10	< 1	0.21	< 10	1.09	535
5202	205	294	35	2.4	2.02	98	20	< 0.5	< 2	0.39	5.0	27	108	116	12.50	< 10	< 1	0.27	< 10	1.00	445
5203	205	294	140	4.2	1.05	202	< 10	< 0.5	< 2	0.14	8.0	43	93	174	>15.00	< 10	< 1	0.24	< 10	0.33	120
5204	205	294	160	3.8	1.10	166	< 10	< 0.5	< 2	0.15	11.0	34	130	236	>15.00	10	< 1	0.31	< 10	0.30	130
5205	205	294	85	3.0	1.19	158	10	< 0.5	< 2	0.25	14.0	56	129	224	>15.00	10	< 1	0.23	< 10	0.48	250
5206	205	294	70	2.6	1.18	24	20	< 0.5	< 2	2.12	16.0	10	211	318	14.55	10	< 1	0.23	< 10	1.38	3290
5207	205	294	20	2.2	0.78	136	10	< 0.5	< 2	2.83	10.5	16	88	294	14.55	10	< 1	0.11	< 10	1.74	5200
5208	205	294	20	2.0	0.71	322	10	< 0.5	< 2	2.66	9.0	12	127	375	>15.00	10	< 1	0.12	< 10	1.69	5700
5209	205	294	40	1.2	0.73	106	10	< 0.5	< 2	2.64	9.0	17	105	319	>15.00	10	< 1	0.09	< 10	1.97	8060
5210	205	294	45	1.2	1.00	142	20	< 0.5	< 2	2.56	10.0	15	134	267	>15.00	20	< 1	0.13	< 10	1.98	6680
5211	205	294	15	0.4	0.97	80	< 10	< 0.5	< 2	2.68	3.5	10	115	139	>15.00	10	< 1	0.03	10	2.10	5910
5212	205	294	30	0.2	0.75	80	10	< 0.5	< 2	2.88	3.0	10	140	152	>15.00	20	< 1	0.04	10	2.08	6350
5235	205	294	< 5	< 0.2	1.65	10	10	< 0.5	< 2	2.01	2.0	24	111	362	>15.00	10	< 1	0.10	< 10	2.45	585
5236	205	294	< 5	< 0.2	3.53	34	< 10	< 0.5	< 2	5.91	0.5	40	164	125	6.65	10	< 1	< 0.01	< 10	3.11	1070
5237	205	294	< 5	< 0.2	4.75	30	< 10	< 0.5	< 2	6.22	< 0.5	37	201	134	6.98	10	< 1	< 0.01	< 10	3.53	1085
5238	205	294	< 5	< 0.2	4.62	22	< 10	< 0.5	2	6.27	< 0.5	33	192	97	6.86	< 10	< 1	< 0.01	< 10	3.48	1130

CERTIFICATION: Stewart Bichler

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CERTIFICATE OF ANALYSIS A9423999

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5177	205	294	18	0.01	132	270	68	18	2	7	< 0.01	< 10	< 10	31	< 10	666	200
5178	205	294	8	0.01	110	440	24	12	3	9	< 0.01	< 10	< 10	24	< 10	1045	130
5179	205	294	10	0.03	116	320	24	10	2	10	< 0.01	< 10	< 10	24	< 10	696	80
5180	205	294	10	0.06	120	300	26	12	3	15	< 0.01	< 10	< 10	29	< 10	664	70
5181	205	294	8	0.03	139	530	28	10	3	10	< 0.01	< 10	< 10	26	< 10	794	100
5182	205	294	9	0.02	128	390	30	10	4	10	< 0.01	< 10	< 10	28	< 10	878	120
5183	205	294	13	0.02	140	240	30	14	3	10	< 0.01	< 10	< 10	30	< 10	562	60
5184	205	294	11	0.04	131	460	20	8	3	11	< 0.01	< 10	< 10	24	< 10	1390	170
5185	205	294	12	0.02	156	330	24	12	2	10	< 0.01	< 10	< 10	18	< 10	752	90
5186	205	294	12	0.04	160	470	38	14	4	13	< 0.01	< 10	< 10	37	10	1170	150
5187	205	294	11	0.03	143	500	26	12	3	10	< 0.01	< 10	< 10	21	< 10	1080	140
5188	205	294	8	0.07	110	440	26	8	4	15	< 0.01	< 10	< 10	31	< 10	998	170
5189	205	294	8	0.04	151	370	24	12	3	14	< 0.01	< 10	< 10	26	< 10	916	120
5190	205	294	8	0.10	123	390	26	10	5	21	< 0.01	< 10	< 10	42	< 10	864	110
5191	205	294	9	0.04	117	370	32	14	4	11	< 0.01	< 10	< 10	29	< 10	568	70
5192	205	294	7	0.07	120	420	28	12	4	18	< 0.01	< 10	< 10	32	< 10	602	70
5193	205	294	7	0.03	103	540	20	6	3	8	< 0.01	< 10	10	23	< 10	654	70
5194	205	294	7	0.06	93	600	26	6	4	12	< 0.01	< 10	< 10	24	< 10	698	80
5195	205	294	9	0.02	109	400	36	14	3	10	< 0.01	< 10	< 10	24	< 10	726	130
5196	205	294	10	0.04	105	460	30	10	3	14	< 0.01	< 10	< 10	23	< 10	772	100
5197	205	294	9	0.03	104	400	16	10	3	16	< 0.01	< 10	< 10	19	< 10	530	50
5198	205	294	10	0.03	103	480	26	12	3	16	< 0.01	< 10	10	20	< 10	598	70
5199	205	294	9	0.03	114	400	34	14	3	13	< 0.01	< 10	< 10	22	< 10	780	110
5200	205	294	9	0.04	114	350	28	6	3	14	< 0.01	< 10	< 10	23	< 10	938	110
5201	205	294	8	0.02	116	430	22	10	3	17	< 0.01	< 10	< 10	24	< 10	922	90
5202	205	294	20	0.02	120	450	58	12	3	11	< 0.01	< 10	< 10	87	< 10	912	320
5203	205	294	64	0.01	168	380	122	24	2	6	< 0.01	< 10	10	148	< 10	1440	800
5204	205	294	73	0.01	217	300	134	22	3	6	< 0.01	< 10	10	178	< 10	1860	650
5205	205	294	95	0.01	195	430	100	22	3	8	< 0.01	< 10	20	319	< 10	2440	530
5206	205	294	115	0.01	192	2040	48	18	3	46	< 0.01	< 10	50	614	20	2430	340
5207	205	294	81	< 0.01	145	2810	44	16	2	60	< 0.01	< 10	40	400	20	1410	190
5208	205	294	69	0.01	163	2200	50	24	2	55	< 0.01	< 10	30	330	30	1210	160
5209	205	294	39	0.01	110	2260	38	22	2	55	< 0.01	< 10	30	146	20	1225	130
5210	205	294	47	0.01	81	2360	38	22	2	58	< 0.01	< 10	30	232	20	1280	140
5211	205	294	22	< 0.01	35	2020	24	18	2	54	< 0.01	< 10	10	169	30	508	40
5212	205	294	20	< 0.01	40	2070	22	20	2	58	< 0.01	< 10	10	154	20	458	70
5235	205	294	10	0.01	112	330	22	18	7	18	< 0.01	< 10	< 10	67	10	758	150
5236	205	294	< 1	0.05	69	300	16	8	28	57	< 0.01	< 10	< 10	205	10	94	10
5237	205	294	< 1	0.01	65	270	16	6	36	74	< 0.01	< 10	< 10	254	10	84	10
5238	205	294	< 1	0.01	61	290	18	4	34	64	0.18	< 10	< 10	270	20	100	10

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 07-SEP-94
Invoice No. : I9423999
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9423999

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5239	205	294	< 5	< 0.2	4.49	20	< 10	< 0.5	< 2	6.62	0.5	41	196	123	7.71	10	< 1	< 0.01	< 10	2.83	1200
5240	205	294	< 5	< 0.2	3.55	12	< 10	< 0.5	< 2	5.92	< 0.5	36	156	160	7.87	10	< 1	< 0.01	< 10	2.27	1025
5241	205	294	< 5	< 0.2	4.58	8	< 10	< 0.5	< 2	5.01	< 0.5	37	177	129	7.73	10	1	< 0.01	< 10	2.98	1175
5242	205	294	< 5	0.2	4.41	14	< 10	< 0.5	< 2	4.75	< 0.5	37	145	126	7.18	10	< 1	< 0.01	< 10	2.87	1110
5243	205	294	< 5	0.2	3.39	4	< 10	< 0.5	< 2	4.74	< 0.5	42	143	265	8.81	10	< 1	0.02	< 10	2.48	1360
5281	205	294	10	< 0.2	1.52	< 2	20	< 0.5	< 2	0.65	2.0	18	64	331	>15.00	< 10	< 1	0.19	40	0.71	215
5282	205	294	10	0.4	1.30	36	10	< 0.5	< 2	0.41	1.5	42	86	255	>15.00	< 10	< 1	0.13	40	0.62	175
5283	205	294	30	< 0.2	1.53	68	10	< 0.5	< 2	0.70	2.5	32	86	207	>15.00	< 10	< 1	0.18	40	0.71	225
5284	205	294	25	0.2	1.31	94	10	< 0.5	< 2	0.38	1.5	23	87	149	>15.00	< 10	< 1	0.12	30	0.63	155
5285	205	294	40	0.4	1.24	112	10	< 0.5	< 2	0.32	2.0	26	113	145	>15.00	< 10	< 1	0.19	20	0.52	135
5286	205	294	40	1.4	0.79	98	10	< 0.5	< 2	0.20	1.5	25	130	119	14.30	< 10	< 1	0.19	10	0.31	75
5287	205	294	20	1.8	1.41	74	20	< 0.5	< 2	0.20	2.0	23	94	131	12.70	< 10	< 1	0.32	10	0.50	75
5288	205	294	50	1.6	1.27	152	10	< 0.5	< 2	0.18	2.0	30	107	122	>15.00	< 10	< 1	0.21	10	0.53	90
5289	205	294	30	1.6	1.54	66	20	< 0.5	< 2	0.26	1.5	26	96	102	12.30	< 10	< 1	0.34	10	0.62	95
5290	205	294	15	1.6	1.64	76	10	< 0.5	< 2	0.43	2.0	24	72	154	14.35	< 10	< 1	0.16	10	0.91	155
5291	205	294	25	2.0	1.53	56	20	< 0.5	< 2	0.41	2.0	26	90	124	12.35	< 10	< 1	0.34	10	0.59	120
5292	205	294	5	1.6	1.33	32	10	< 0.5	< 2	0.33	2.0	27	71	134	9.25	< 10	< 1	0.21	10	0.65	110
5293	205	294	< 5	1.8	1.47	22	20	< 0.5	< 2	0.64	1.5	18	91	184	9.61	< 10	< 1	0.27	20	0.77	175
5294	205	294	< 5	1.6	1.12	26	< 10	< 0.5	< 2	0.64	1.5	33	58	120	10.00	< 10	< 1	0.08	10	0.79	190
5295	205	294	< 5	1.6	1.59	16	20	< 0.5	< 2	0.35	2.0	24	57	100	8.31	< 10	< 1	0.22	10	0.68	120
5296	205	294	< 5	0.8	1.55	14	10	< 0.5	< 2	0.31	2.0	30	61	136	9.90	< 10	< 1	0.14	10	0.77	110
5297	205	294	< 5	1.2	1.62	< 2	20	< 0.5	< 2	0.39	1.5	14	78	139	10.35	< 10	< 1	0.17	10	0.72	150
5298	205	294	10	1.4	1.44	44	10	< 0.5	< 2	0.44	2.0	37	73	109	11.00	< 10	< 1	0.15	10	0.73	165
5299	205	294	< 5	0.8	1.77	< 2	20	< 0.5	< 2	0.61	2.0	20	122	126	8.74	< 10	< 1	0.24	10	0.84	280
5329	205	294	< 5	< 0.2	3.92	12	< 10	< 0.5	< 2	4.14	< 0.5	41	160	134	7.97	10	1	< 0.01	< 10	2.64	970
5330	205	294	< 5	< 0.2	3.91	< 2	< 10	< 0.5	< 2	6.07	0.5	40	152	138	6.52	10	1	< 0.01	< 10	2.68	1085
5331	205	294	< 5	< 0.2	4.09	< 2	< 10	< 0.5	< 2	5.48	< 0.5	37	146	89	6.68	10	< 1	< 0.01	< 10	2.74	1090
5332	205	294	< 5	< 0.2	4.59	2	< 10	< 0.5	< 2	5.34	< 0.5	40	155	110	7.60	10	< 1	< 0.01	< 10	2.78	1135
5333	205	294	< 5	< 0.2	4.22	< 2	< 10	< 0.5	< 2	6.44	0.5	38	162	152	7.49	20	< 1	< 0.01	< 10	2.68	1230
5334	205	294	< 5	< 0.2	3.85	14	< 10	< 0.5	< 2	5.07	< 0.5	39	147	135	8.01	20	< 1	< 0.01	< 10	2.78	1280
5335	205	294	< 5	< 0.2	1.28	4	< 10	< 0.5	< 2	5.82	< 0.5	35	85	142	8.19	10	< 1	0.01	< 10	2.47	1670
5336	205	294	15	1.6	0.97	76	10	< 0.5	< 2	5.43	2.0	35	55	198	9.35	10	1	0.08	< 10	2.14	1535
5337	205	294	< 5	0.4	1.04	< 2	10	< 0.5	< 2	4.10	2.0	21	65	330	13.20	10	< 1	0.06	< 10	2.14	1200
5338	205	294	< 5	< 0.2	2.17	20	20	< 0.5	< 2	3.03	1.0	50	91	346	14.60	20	1	0.09	< 10	2.25	865
5339	205	294	< 5	< 0.2	1.18	64	10	< 0.5	< 2	0.21	2.5	22	76	125	12.75	10	< 1	0.21	10	0.52	80
5340	205	294	< 5	< 0.2	3.03	42	< 10	< 0.5	< 2	4.48	< 0.5	40	129	114	7.17	10	< 1	0.04	< 10	3.40	1195
5341	205	294	< 5	0.4	2.24	82	< 10	< 0.5	< 2	6.62	2.5	30	116	163	8.18	10	< 1	0.01	< 10	3.64	1615
5342	205	294	30	0.4	2.00	28	10	< 0.5	< 2	1.57	4.0	31	78	409	>15.00	20	2	0.06	20	1.62	460
5343	205	294	< 5	0.2	1.58	4	< 10	< 0.5	< 2	3.71	0.5	52	86	222	10.90	10	1	0.03	< 10	2.58	930
5344	205	294	< 5	0.2	2.73	102	< 10	< 0.5	< 2	4.12	< 0.5	32	118	160	9.32	20	< 1	0.01	< 10	3.85	1285

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 07-SEP-94
Invoice No. : I9423999
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9423999

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5239	205	294	< 1	< 0.01	73	250	8	2	23	44	0.33	10	< 10	268	10	108	10
5240	205	294	< 1	0.01	75	270	< 2	< 2	12	33	0.27	10	< 10	216	10	136	10
5241	205	294	< 1	< 0.01	70	230	< 2	2	7	25	0.28	10	< 10	163	10	130	10
5242	205	294	< 1	< 0.01	73	220	< 2	< 2	4	22	0.23	10	< 10	131	< 10	104	10
5243	205	294	< 1	0.01	73	210	< 2	< 2	14	21	0.19	10	< 10	209	< 10	152	10
5281	205	294	18	0.01	181	240	20	2	3	10	< 0.01	10	< 10	44	< 10	534	40
5282	205	294	22	< 0.01	138	210	34	4	2	7	< 0.01	10	< 10	38	< 10	440	80
5283	205	294	20	0.01	131	270	32	2	3	12	< 0.01	20	< 10	43	< 10	684	160
5284	205	294	22	< 0.01	109	220	32	4	2	7	< 0.01	10	< 10	34	< 10	410	140
5285	205	294	20	0.01	115	110	46	2	2	8	< 0.01	10	< 10	30	< 10	588	200
5286	205	294	14	0.01	123	20	50	4	2	4	< 0.01	10	< 10	22	< 10	538	180
5287	205	294	13	0.01	119	180	24	2	3	7	< 0.01	10	< 10	27	< 10	800	180
5288	205	294	14	0.01	132	10	44	4	2	5	< 0.01	10	< 10	30	< 10	662	180
5289	205	294	14	0.02	127	330	34	2	3	8	< 0.01	10	< 10	32	< 10	486	160
5290	205	294	9	0.01	158	250	18	4	3	8	< 0.01	10	< 10	27	< 10	730	130
5291	205	294	11	0.02	136	220	28	4	3	10	< 0.01	20	< 10	28	< 10	730	170
5292	205	294	6	0.01	121	490	18	2	3	8	< 0.01	10	< 10	14	< 10	902	100
5293	205	294	6	0.02	134	210	14	2	3	11	< 0.01	10	< 10	18	< 10	736	80
5294	205	294	6	0.01	127	230	18	2	2	9	< 0.01	10	< 10	13	< 10	690	80
5295	205	294	6	0.03	103	400	18	2	3	11	< 0.01	10	< 10	19	< 10	856	120
5296	205	294	6	0.02	122	590	24	< 2	3	8	< 0.01	< 10	< 10	18	< 10	762	110
5297	205	294	8	0.06	135	330	6	2	3	16	< 0.01	< 10	< 10	21	< 10	478	70
5298	205	294	10	0.03	111	510	32	2	3	10	< 0.01	< 10	< 10	23	< 10	744	150
5299	205	294	7	0.07	108	340	16	< 2	3	18	< 0.01	< 10	< 10	20	< 10	620	60
5329	205	294	< 1	< 0.01	69	280	4	< 2	16	19	0.10	10	< 10	194	< 10	130	10
5330	205	294	< 1	< 0.01	73	250	4	4	11	27	0.19	10	< 10	180	< 10	88	10
5331	205	294	< 1	< 0.01	68	240	6	2	10	22	0.32	< 10	< 10	160	< 10	118	10
5332	205	294	< 1	< 0.01	79	290	< 2	< 2	10	19	0.26	10	< 10	191	< 10	162	10
5333	205	294	< 1	0.01	70	330	2	< 2	25	21	0.03	< 10	< 10	235	40	126	10
5334	205	294	< 1	0.03	75	320	4	2	27	17	0.01	< 10	< 10	211	40	108	10
5335	205	294	< 1	0.04	68	280	4	2	13	9	< 0.01	< 10	< 10	80	40	114	10
5336	205	294	< 1	0.12	71	330	318	4	10	12	< 0.01	< 10	< 10	47	30	734	50
5337	205	294	5	0.05	86	230	122	4	7	11	< 0.01	10	< 10	38	30	710	40
5338	205	294	6	0.06	83	290	48	6	10	10	< 0.01	10	< 10	73	50	398	40
5339	205	294	16	0.01	122	340	32	2	3	6	< 0.01	10	10	22	< 10	740	170
5340	205	294	< 1	0.04	62	290	8	4	19	5	< 0.01	< 10	< 10	150	30	108	10
5341	205	294	< 1	0.02	73	240	240	2	14	14	< 0.01	< 10	< 10	107	40	852	270
5342	205	294	7	0.04	119	240	76	8	8	9	< 0.01	20	< 10	64	30	1200	110
5343	205	294	< 1	0.04	80	280	60	4	11	8	< 0.01	10	< 10	74	40	184	10
5344	205	294	< 1	0.04	67	280	18	4	16	10	< 0.01	10	< 10	134	40	178	10

CERTIFICATION: Stan Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 07-SEP-94
Invoice No. :I9423999
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9423999

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5345	205	294	< 5	< 0.2	2.16	24	< 10	< 0.5	< 2	5.73	< 0.5	30	116	118	7.83	10	< 1	< 0.01	< 10	3.39	1355
5346	205	294	< 5	< 0.2	2.47	24	< 10	< 0.5	< 2	5.87	< 0.5	37	111	167	6.82	10	< 1	0.03	< 10	2.96	1270
5347	205	294	< 5	1.4	2.53	50	< 10	< 0.5	< 2	6.84	1.5	37	136	116	6.86	10	1	< 0.01	< 10	3.09	1390
5348	205	294	< 5	1.4	2.53	22	< 10	< 0.5	< 2	6.00	2.5	32	103	116	6.98	10	< 1	0.02	< 10	3.10	1465
5349	205	294	< 5	< 0.2	2.74	24	< 10	< 0.5	< 2	7.01	< 0.5	36	143	124	6.96	10	< 1	0.02	< 10	3.08	1290
5350	205	294	< 5	< 0.2	3.59	4	< 10	< 0.5	< 2	4.93	< 0.5	25	128	113	8.71	20	1	0.01	< 10	3.59	1170
5351	205	294	< 5	< 0.2	2.59	678	< 10	< 0.5	< 2	5.75	5.5	29	129	117	8.76	10	< 1	0.04	< 10	3.93	1500
5352	205	294	< 5	0.2	2.20	20	< 10	< 0.5	< 2	4.68	< 0.5	32	100	147	7.96	10	< 1	0.04	< 10	3.15	1115
5353	205	294	< 5	< 0.2	1.53	24	< 10	< 0.5	< 2	6.91	< 0.5	24	80	200	9.35	10	< 1	0.07	< 10	3.79	2640
5354	205	294	< 5	0.4	2.02	40	20	< 0.5	< 2	4.93	< 0.5	23	89	142	8.29	10	< 1	0.23	< 10	3.15	2350
5355	205	294	10	< 0.2	1.52	30	20	< 0.5	< 2	1.22	2.5	24	72	336	>15.00	10	< 1	0.16	10	1.06	775
5356	205	294	5	< 0.2	1.98	26	20	< 0.5	< 2	1.23	3.0	24	125	218	>15.00	10	< 1	0.31	10	1.26	820
5357	205	294	< 5	0.8	1.72	40	20	< 0.5	< 2	0.44	2.5	29	120	199	13.55	10	< 1	0.22	10	0.87	425
5358	205	294	< 5	0.4	1.84	26	40	0.5	< 2	1.06	3.5	15	164	156	10.10	10	< 1	0.47	10	0.94	830
5359	205	294	20	1.2	1.32	30	20	< 0.5	< 2	0.81	7.0	13	96	270	>15.00	10	< 1	0.25	10	0.65	750
5360	205	294	5	0.6	1.43	38	20	0.5	< 2	0.86	4.0	28	176	187	11.80	10	< 1	0.45	10	0.63	835
5361	205	294	20	0.4	1.82	32	30	< 0.5	< 2	1.68	17.0	11	103	285	>15.00	10	< 1	0.24	10	1.18	2690
5362	205	294	< 5	1.6	1.44	50	40	< 2.0	< 8	2.80	18.0	20	220	260	>15.00	< 40	< 4	0.40	40	1.36	4960
5363	205	294	45	0.6	1.40	56	20	< 0.5	< 2	1.90	11.0	8	235	254	>15.00	10	< 1	0.31	10	1.13	3490
5364	205	294	60	0.6	1.25	96	20	< 0.5	< 2	1.65	26.5	17	232	282	>15.00	10	< 1	0.35	10	0.85	3060

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 07-SEP-94
Invoice No. : I9423999
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9423999

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5345	205	294	< 1	0.04	67	280	6	4	17	10	< 0.01	< 10	< 10	122	40	132	10
5346	205	294	< 1	0.11	63	250	22	6	20	15	< 0.01	< 10	< 10	132	30	140	10
5347	205	294	< 1	0.03	69	270	662	6	21	17	< 0.01	< 10	< 10	144	40	808	50
5348	205	294	< 1	0.09	67	270	660	8	20	17	< 0.01	< 10	< 10	143	30	1120	80
5349	205	294	< 1	0.03	71	300	22	4	19	25	< 0.01	< 10	< 10	147	40	162	10
5350	205	294	< 1	0.07	60	280	36	8	21	18	< 0.01	< 10	< 10	183	40	238	10
5351	205	294	< 1	0.13	47	290	10	2	16	23	< 0.01	< 10	< 10	116	20	1595	70
5352	205	294	< 1	0.16	64	320	8	4	14	21	< 0.01	< 10	< 10	110	10	130	10
5353	205	294	< 1	0.16	71	260	14	2	12	53	< 0.01	< 10	< 10	62	20	150	10
5354	205	294	2	0.12	66	370	20	4	10	43	< 0.01	< 10	< 10	82	10	144	10
5355	205	294	16	0.01	155	220	22	6	3	26	< 0.01	10	< 10	46	< 10	802	40
5356	205	294	14	0.02	124	260	20	4	6	28	< 0.01	10	< 10	75	< 10	776	50
5357	205	294	12	0.01	104	410	22	6	4	13	< 0.01	< 10	10	33	< 10	756	50
5358	205	294	10	0.04	79	320	14	4	4	27	< 0.01	10	< 10	29	< 10	722	50
5359	205	294	55	0.01	133	560	28	6	2	19	< 0.01	10	20	94	< 10	1235	60
5360	205	294	17	0.03	95	310	18	6	3	22	< 0.01	10	< 10	56	< 10	726	70
5361	205	294	136	< 0.01	117	1370	42	4	5	42	< 0.01	10	50	593	< 10	2570	180
5362	205	294	144	< 0.04	180	3080	56	8	4	72	< 0.04	< 40	40	680	< 40	2920	60
5363	205	294	110	< 0.01	128	2090	40	4	3	48	< 0.01	10	40	638	< 10	1690	130
5364	205	294	133	< 0.01	148	2440	66	6	3	45	< 0.01	10	50	593	< 10	3910	250

CERTIFICATION: Stewart Bichler

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Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

RECEIVED

A9424771

Comments: ATTN: J. BURGESS CC: J. BURGESS

CERTIFICATE A9424771

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 14-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	141	Geochem ring to approx 150 mesh
294	141	Crush and split (6-10 pounds)
229	141	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	141	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
997	2	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	500.0
2118	141	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	141	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	141	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	141	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	141	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	141	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	141	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	141	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	141	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	141	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	141	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	141	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	141	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	141	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	141	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	141	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	141	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	141	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	141	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	141	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	141	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	141	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	141	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	141	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	141	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	141	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	141	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	141	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	141	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	141	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	141	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	141	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	141	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number : 1-A
Total Pages : 4
Certificate Date: 14-SEP-94
Invoice No. : I9424771
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9424771

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
5032	205	294	< 5	-----	< 0.2	0.15	< 2	< 10	< 0.5	< 2	5.43	1.0	3	58	13	>15.00	10	< 1	< 0.01	< 10	3.72
5033	205	294	< 5	-----	< 0.2	0.14	< 2	< 10	< 0.5	4	3.15	1.0	4	95	15	>15.00	10	< 1	0.01	< 10	3.45
5034	205	294	< 5	-----	< 0.2	0.10	< 2	< 10	< 0.5	< 2	4.52	1.0	3	44	12	>15.00	10	< 1	0.02	< 10	3.96
5035	205	294	< 5	-----	< 0.2	0.47	< 2	< 10	< 0.5	< 2	3.58	0.5	6	47	15	>15.00	20	< 1	0.01	< 10	3.73
5036	205	294	< 5	-----	0.2	0.65	< 2	< 10	< 0.5	< 2	1.82	1.0	9	50	19	>15.00	10	< 1	0.05	< 10	3.43
5037	205	294	25	-----	0.2	0.73	< 2	< 10	< 0.5	< 2	1.65	0.5	7	65	20	>15.00	10	< 1	0.01	< 10	2.96
5038	205	294	< 5	-----	0.2	0.74	< 2	10	< 0.5	< 2	2.35	0.5	9	74	20	>15.00	10	< 1	0.14	< 10	3.00
5039	205	294	< 5	-----	0.2	1.92	< 2	40	< 0.5	< 2	2.21	1.0	11	92	29	>15.00	10	< 1	0.37	< 10	2.80
5136	205	294	< 5	-----	< 0.2	0.26	< 2	< 10	< 0.5	< 2	2.06	1.0	5	68	16	>15.00	20	< 1	0.01	< 10	3.04
5137	205	294	< 5	-----	< 0.2	0.11	< 2	< 10	< 0.5	< 2	2.48	1.0	4	61	13	>15.00	10	< 1	0.02	< 10	2.88
5138	205	294	< 5	-----	< 0.2	0.16	< 2	< 10	< 0.5	< 2	3.44	1.5	7	53	14	>15.00	20	< 1	0.03	< 10	3.71
5139	205	294	< 5	-----	< 0.2	0.15	< 2	< 10	< 0.5	< 2	2.64	1.5	6	54	15	>15.00	10	< 1	0.02	< 10	3.45
5385	205	294	80	-----	< 0.2	0.09	< 2	< 10	< 0.5	< 2	1.76	1.5	8	82	17	>15.00	20	< 1	0.01	< 10	3.97
5386	205	294	< 5	-----	< 0.2	0.63	< 2	20	< 0.5	< 2	1.46	1.5	9	64	21	>15.00	10	< 1	0.38	< 10	3.71
5387	205	294	< 5	-----	0.2	0.63	< 2	20	< 0.5	< 2	1.43	1.0	8	69	19	>15.00	10	< 1	0.48	< 10	3.99
5388	205	294	< 5	-----	0.2	0.69	< 2	30	< 0.5	< 2	1.26	1.0	9	71	19	>15.00	10	< 1	0.43	< 10	3.74
5389	205	294	< 5	-----	0.2	1.10	< 2	40	< 0.5	< 2	1.48	1.0	10	79	20	>15.00	10	< 1	0.68	< 10	3.80
5390	205	294	< 5	-----	0.4	1.48	< 2	30	< 0.5	< 2	1.08	1.0	11	95	27	>15.00	10	< 1	0.61	< 10	3.40
5391	205	294	< 5	-----	0.2	3.10	< 2	40	< 0.5	< 2	0.92	0.5	16	98	43	13.60	10	< 1	0.62	10	2.43
5434	205	294	< 5	-----	0.2	0.61	< 2	< 10	< 0.5	< 2	3.47	0.5	6	70	15	14.10	10	< 1	0.05	< 10	3.10
5435	205	294	< 5	-----	< 0.2	0.77	< 2	< 10	< 0.5	< 2	3.93	1.0	9	89	20	14.55	10	< 1	0.06	< 10	3.11
5436	205	294	< 5	-----	0.2	1.22	< 2	10	< 0.5	< 2	3.14	0.5	9	78	24	>15.00	20	< 1	0.18	< 10	3.37
5437	205	294	< 5	-----	0.2	1.36	< 2	20	< 0.5	< 2	3.73	1.0	12	62	26	>15.00	20	< 1	0.24	< 10	4.13
5438	205	294	< 5	-----	< 0.2	0.13	< 2	10	< 0.5	< 2	5.62	1.0	5	68	9	14.40	10	< 1	0.08	< 10	3.85
5439	205	294	< 5	-----	0.2	0.78	< 2	30	< 0.5	< 2	3.03	1.0	7	81	18	>15.00	20	< 1	0.37	< 10	3.20
5440	205	294	< 5	-----	0.4	1.11	< 2	40	< 0.5	< 2	1.80	1.0	9	99	27	>15.00	20	< 1	0.31	< 10	2.67
5441	205	294	< 5	-----	0.2	3.11	14	40	< 0.5	< 2	3.75	0.5	30	170	87	11.15	10	< 1	0.40	< 10	3.54
5442	205	294	< 5	-----	< 0.2	3.66	16	50	< 0.5	8	3.48	0.5	30	126	110	7.33	10	< 1	0.59	10	3.41
5443	205	294	< 5	-----	0.2	2.12	< 2	60	< 0.5	< 2	1.51	1.0	11	90	38	13.20	10	< 1	0.46	< 10	2.34
5444	205	294	< 5	-----	0.2	1.15	< 2	50	< 0.5	< 2	1.42	0.5	9	80	19	14.70	10	< 1	0.40	< 10	2.51
5445	205	294	< 5	-----	0.2	0.80	< 2	30	< 0.5	< 2	1.62	0.5	7	72	18	13.95	10	< 1	0.31	< 10	2.51
5446	205	294	< 5	-----	< 0.2	3.29	8	50	< 0.5	< 2	1.59	0.5	22	121	58	14.75	10	< 1	0.88	< 10	3.95
5447	205	294	< 5	-----	0.4	1.65	< 2	30	< 0.5	< 2	2.66	0.5	8	74	20	>15.00	20	< 1	0.27	< 10	3.09
5448	205	294	< 5	-----	< 0.2	2.88	< 2	90	< 0.5	< 2	0.90	0.5	18	96	57	11.75	10	< 1	1.28	10	2.14
5449	205	294	< 5	-----	< 0.2	3.02	< 2	100	< 0.5	< 2	1.36	0.5	17	80	46	7.39	10	< 1	1.40	20	1.65
5464	205	294	< 5	-----	< 0.2	0.02	< 2	< 10	< 0.5	< 2	1.67	1.0	5	67	17	>15.00	20	< 1	0.02	< 10	3.68
5465	205	294	< 5	-----	< 0.2	0.40	4	< 10	< 0.5	< 2	0.97	0.5	7	71	13	>15.00	20	< 1	0.01	< 10	2.78
5466	205	294	< 5	-----	< 0.2	0.61	6	< 10	< 0.5	< 2	0.93	1.0	8	69	15	>15.00	20	< 1	0.01	< 10	2.83
5467	205	294	< 5	-----	< 0.2	0.99	4	< 10	< 0.5	< 2	1.28	0.5	8	80	21	>15.00	20	< 1	0.12	< 10	3.09
5468	205	294	< 5	-----	< 0.2	0.57	< 2	10	< 0.5	< 2	1.03	1.0	7	83	18	>15.00	10	< 1	0.23	< 10	3.01

CERTIFICATION: Ivan Bulian

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CERTIFICATE OF ANALYSIS A9424771

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5032	205	294	5520	< 1	< 0.01	< 1	190	< 2	18	1	27	< 0.01	< 10	< 10	18	< 10	6	50
5033	205	294	6260	< 1	< 0.01	2	240	< 2	22	1	18	< 0.01	< 10	< 10	18	< 10	8	40
5034	205	294	5360	< 1	0.01	< 1	230	< 2	22	1	22	< 0.01	< 10	< 10	15	< 10	4	10
5035	205	294	8320	< 1	< 0.01	3	440	< 2	22	2	23	< 0.01	< 10	< 10	32	< 10	6	20
5036	205	294	>10000	< 1	< 0.01	6	350	< 2	18	3	17	0.01	< 10	10	55	< 10	10	20
5037	205	294	9990	< 1	< 0.01	6	370	< 2	18	3	16	0.01	< 10	10	44	< 10	14	10
5038	205	294	>10000	< 1	0.02	6	360	< 2	18	3	29	0.02	< 10	20	67	< 10	12	10
5039	205	294	9690	< 1	0.06	17	410	< 2	18	5	42	0.03	< 10	10	92	< 10	40	50
5136	205	294	6430	< 1	< 0.01	2	250	< 2	18	1	15	< 0.01	< 10	< 10	32	< 10	6	10
5137	205	294	6770	< 1	< 0.01	1	240	< 2	18	1	16	< 0.01	< 10	< 10	16	< 10	4	20
5138	205	294	8280	< 1	0.01	1	400	< 2	22	1	19	< 0.01	< 10	< 10	19	< 10	4	20
5139	205	294	8230	< 1	0.01	< 1	290	< 2	18	1	15	< 0.01	< 10	< 10	18	< 10	4	10
5385	205	294	7830	< 1	< 0.01	2	170	< 2	22	1	30	< 0.01	< 10	< 10	17	< 10	18	90
5386	205	294	9760	< 1	< 0.01	7	330	< 2	18	3	28	0.04	< 10	10	52	< 10	10	40
5387	205	294	>10000	< 1	< 0.01	4	380	74	20	3	40	0.06	< 10	10	54	< 10	20	10
5388	205	294	>10000	< 1	0.02	7	430	< 2	18	3	42	0.05	< 10	10	66	< 10	18	30
5389	205	294	>10000	< 1	0.03	10	540	< 2	16	4	48	0.07	< 10	20	94	< 10	16	40
5390	205	294	>10000	< 1	0.01	14	690	< 2	18	6	39	0.08	< 10	30	102	< 10	28	40
5391	205	294	6390	< 1	< 0.01	33	390	< 2	14	6	33	0.09	< 10	< 10	115	< 10	112	50
5434	205	294	9550	< 1	< 0.01	7	330	< 2	16	2	22	0.01	< 10	20	57	< 10	8	50
5435	205	294	9690	< 1	< 0.01	9	410	< 2	14	3	40	0.02	< 10	10	64	< 10	14	30
5436	205	294	>10000	< 1	< 0.01	11	410	< 2	16	4	34	0.03	< 10	20	95	< 10	16	10
5437	205	294	>10000	< 1	< 0.01	11	510	< 2	20	5	44	0.04	< 10	20	100	< 10	18	20
5438	205	294	7020	< 1	0.03	1	300	< 2	14	1	43	< 0.01	< 10	< 10	18	< 10	6	50
5439	205	294	>10000	< 1	< 0.01	8	390	< 2	16	3	29	0.06	< 10	10	72	< 10	14	10
5440	205	294	>10000	1	0.07	11	390	< 2	12	4	31	0.02	< 10	10	86	< 10	18	40
5441	205	294	5940	< 1	0.03	46	330	< 2	8	14	85	0.06	< 10	< 10	173	< 10	54	100
5442	205	294	1610	< 1	< 0.01	57	300	< 2	8	11	71	0.08	< 10	< 10	131	< 10	96	10
5443	205	294	9300	1	0.07	17	320	< 2	12	4	42	0.03	< 10	10	76	< 10	62	70
5444	205	294	>10000	< 1	0.08	9	380	< 2	16	3	38	0.02	< 10	10	74	< 10	22	50
5445	205	294	>10000	< 1	0.06	9	350	< 2	12	3	34	0.01	< 10	20	60	< 10	16	40
5446	205	294	6270	< 1	0.08	35	400	< 2	14	20	37	0.08	< 10	< 10	176	< 10	58	140
5447	205	294	>10000	< 1	0.04	12	500	< 2	12	5	60	0.03	< 10	20	116	< 10	24	80
5448	205	294	4180	2	0.02	39	240	< 2	12	8	24	0.15	< 10	< 10	120	< 10	78	90
5449	205	294	3400	2	< 0.01	39	220	< 2	8	3	33	0.16	< 10	< 10	66	< 10	130	60
5464	205	294	5830	< 1	< 0.01	1	10	< 2	20	1	31	< 0.01	< 10	< 10	13	< 10	22	10
5465	205	294	8720	< 1	< 0.01	3	340	< 2	18	2	12	< 0.01	< 10	< 10	31	< 10	8	40
5466	205	294	9620	< 1	< 0.01	6	340	< 2	18	2	9	< 0.01	< 10	< 10	47	< 10	16	10
5467	205	294	8920	1	< 0.01	14	390	< 2	14	3	16	0.02	< 10	< 10	54	< 10	26	10
5468	205	294	9070	< 1	< 0.01	7	360	< 2	18	2	16	0.03	< 10	< 10	42	< 10	12	20

CERTIFICATION: Stuart Bichler

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SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
5469	205	294	< 5	-----	< 0.2	4.74	2	110	< 0.5	< 2	2.60	< 0.5	30	161	95	8.40	10	< 1	1.09	< 10	3.76
5479	205	294	< 5	-----	0.6	1.32	< 2	10	< 0.5	< 2	1.54	1.5	18	76	174	9.36	10	< 1	0.18	< 10	1.57
5480	205	294	< 5	-----	0.8	0.98	24	10	< 0.5	2	0.91	1.5	23	77	89	8.32	10	< 1	0.16	< 10	0.87
5481	205	294	< 5	-----	1.2	0.73	34	< 10	< 0.5	4	0.18	1.5	27	47	72	7.11	< 10	< 1	0.15	10	0.40
5482	205	294	< 5	-----	0.8	0.70	8	< 10	< 0.5	< 2	0.56	4.0	19	40	162	9.70	< 10	< 1	0.14	< 10	0.58
5483	205	294	15	-----	1.0	0.64	54	10	< 0.5	< 2	0.21	3.5	31	40	109	10.90	< 10	< 1	0.16	< 10	0.35
5484	205	294	< 5	-----	0.6	0.86	120	10	< 0.5	< 2	0.36	3.5	27	69	103	>15.00	10	< 1	0.13	< 10	0.61
5485	205	294	< 5	-----	0.8	0.75	38	10	< 0.5	< 2	0.37	2.0	35	79	223	>15.00	10	< 1	0.11	< 10	0.69
5541	205	294	20	-----	1.0	0.87	54	10	< 0.5	6	0.82	2.5	32	80	113	11.10	10	< 1	0.14	< 10	0.79
5542	205	294	< 5	-----	0.8	1.58	14	10	< 0.5	< 2	0.52	2.0	19	90	125	10.20	10	< 1	0.15	< 10	1.06
5543	205	294	< 5	-----	0.8	1.09	10	10	< 0.5	< 2	0.23	3.5	45	87	136	10.50	< 10	< 1	0.17	< 10	0.58
5544	205	294	< 5	-----	1.0	0.83	16	10	< 0.5	< 2	0.25	2.0	22	87	138	7.83	< 10	< 1	0.18	< 10	0.40
5546	205	294	< 5	-----	0.8	0.93	44	10	< 0.5	< 2	0.76	2.5	22	78	99	9.19	10	< 1	0.19	< 10	0.66
5549	205	294	35	-----	0.8	0.58	150	10	< 0.5	< 2	1.91	7.0	15	47	110	12.90	10	< 1	0.22	< 10	1.09
5552	205	294	20	-----	0.8	0.37	66	< 10	< 0.5	< 2	6.03	3.0	11	25	55	8.87	< 10	< 1	0.12	< 10	2.82
5555	205	294	10	-----	1.0	0.79	44	10	< 0.5	< 2	0.72	1.5	21	43	105	9.84	< 10	< 1	0.30	< 10	0.45
5558	205	294	15	-----	1.0	0.62	44	10	< 0.5	< 2	2.50	2.0	17	35	65	8.42	< 10	< 1	0.23	< 10	1.40
5561	205	294	5	-----	0.8	0.55	40	< 10	< 0.5	< 2	0.54	1.5	22	24	102	10.25	< 10	< 1	0.16	< 10	0.40
5564	205	294	< 5	-----	1.2	0.72	6	10	< 0.5	< 2	0.68	2.5	15	28	96	8.30	< 10	< 1	0.25	10	0.53
5565	205	294	< 5	-----	1.4	0.49	4	10	< 0.5	< 2	0.32	4.5	22	21	203	>15.00	10	< 1	0.12	< 10	0.35
5566	205	294	< 5	-----	1.4	0.93	6	10	< 0.5	< 2	1.60	2.0	36	60	291	>15.00	20	< 1	0.16	< 10	1.33
5570	205	294	< 5	-----	1.2	0.42	16	10	< 0.5	< 2	1.71	3.5	18	34	198	>15.00	10	< 1	0.15	< 10	1.27
5635	205	294	35	-----	1.6	0.88	84	20	< 0.5	< 2	0.66	3.0	36	63	200	>15.00	10	< 1	0.27	< 10	0.49
5638	205	294	5	-----	1.6	1.42	10	10	< 0.5	< 2	0.61	1.5	8	55	191	10.75	10	< 1	0.14	< 10	1.00
5640	205	294	< 5	-----	1.6	1.62	24	10	< 0.5	< 2	0.70	3.0	28	75	160	10.55	10	< 1	0.22	< 10	0.95
5643	205	294	60	-----	2.0	1.35	104	30	< 0.5	< 2	1.48	14.0	16	104	427	>15.00	10	< 1	0.24	< 10	1.48
5646	205	294	15	-----	0.6	1.21	116	< 10	< 0.5	< 2	2.85	3.0	10	79	128	>15.00	20	< 1	0.02	10	2.19
5649	205	294	135	-----	1.0	1.17	62	< 10	< 0.5	< 2	2.61	10.0	19	102	247	>15.00	20	< 1	0.01	10	1.94
5652	205	294	85	-----	1.0	0.81	68	10	< 0.5	< 2	2.39	9.5	14	89	165	>15.00	20	< 1	0.08	10	1.76
5655	205	294	45	-----	1.0	1.39	14	20	< 0.5	< 2	1.35	5.0	22	48	221	11.15	10	< 1	0.13	< 10	1.53
5900	205	294	5	-----	< 0.2	0.11	2	< 10	< 0.5	< 2	2.74	1.0	6	47	4	>15.00	20	< 1	0.02	< 10	3.51
5901	205	294	< 5	-----	< 0.2	0.10	6	< 10	< 0.5	< 2	1.33	1.0	5	41	4	>15.00	20	< 1	0.01	< 10	3.12
5902	205	294	< 5	-----	< 0.2	0.07	< 2	< 10	< 0.5	< 2	1.88	0.5	4	43	3	>15.00	20	< 1	0.02	< 10	3.69
5903	205	294	< 5	-----	< 0.2	0.07	< 2	< 10	< 0.5	< 2	3.36	0.5	3	78	1	>15.00	10	< 1	0.01	< 10	3.36
5904	205	294	< 5	-----	0.2	0.52	6	< 10	< 0.5	< 2	1.48	0.5	7	71	4	>15.00	10	< 1	< 0.01	< 10	2.49
5905	205	294	< 5	-----	0.2	0.62	8	< 10	< 0.5	< 2	2.66	< 0.5	7	57	5	14.40	10	< 1	< 0.01	< 10	2.58
5906	205	294	< 5	-----	0.4	1.04	4	< 10	< 0.5	< 2	2.86	0.5	9	67	11	>15.00	20	< 1	0.02	< 10	3.05
5907	205	294	< 5	-----	0.2	0.44	12	< 10	< 0.5	< 2	2.89	0.5	6	80	6	>15.00	10	< 1	< 0.01	< 10	2.75
5908	205	294	< 5	-----	0.2	0.56	< 2	< 10	< 0.5	< 2	2.96	1.0	8	64	6	>15.00	10	< 1	0.01	< 10	2.95
5909	205	294	< 5	-----	0.4	0.54	< 2	< 10	< 0.5	< 2	3.65	0.5	7	65	10	>15.00	10	< 1	0.02	< 10	3.11

CERTIFICATION: Ian Bichler

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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 14-SEP-94
Invoice No. :I9424771
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9424771

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5469	205 294	620	1	< 0.01	58	300	12	6	29	60	0.19	< 10	< 10	236	< 10	64	10
5479	205 294	310	9	0.01	113	270	14	8	4	18	< 0.01	< 10	< 10	27	< 10	388	260
5480	205 294	170	11	0.01	96	440	28	8	2	11	< 0.01	< 10	< 10	14	< 10	492	540
5481	205 294	55	13	0.01	88	320	26	8	2	4	< 0.01	< 10	10	11	< 10	392	560
5482	205 294	145	12	0.01	141	460	24	12	2	10	< 0.01	< 10	< 10	13	< 10	1000	790
5483	205 294	55	14	0.01	146	490	34	16	2	4	< 0.01	< 10	< 10	11	< 10	946	950
5484	205 294	140	17	0.01	115	260	44	18	2	6	< 0.01	< 10	< 10	22	< 10	902	820
5485	205 294	375	13	< 0.01	120	360	24	18	2	7	< 0.01	< 10	< 10	27	< 10	382	370
5541	205 294	305	12	0.01	115	310	42	12	2	14	< 0.01	< 10	< 10	19	< 10	710	240
5542	205 294	145	12	0.01	122	460	16	8	3	10	< 0.01	< 10	< 10	22	< 10	592	100
5543	205 294	80	13	0.01	141	380	14	12	3	6	< 0.01	< 10	< 10	18	< 10	892	190
5544	205 294	80	13	0.01	111	260	8	10	2	6	< 0.01	< 10	10	14	< 10	634	150
5546	205 294	180	15	0.01	116	320	12	12	2	12	< 0.01	< 10	< 10	18	< 10	538	160
5549	205 294	480	30	0.01	119	510	62	20	2	30	< 0.01	< 10	< 10	33	< 10	1105	550
5552	205 294	1020	11	0.01	78	120	32	14	2	68	< 0.01	< 10	10	21	< 10	636	190
5555	205 294	125	10	0.02	98	200	26	12	2	13	< 0.01	< 10	< 10	13	< 10	366	190
5558	205 294	385	13	0.02	86	180	22	14	2	36	< 0.01	< 10	< 10	17	< 10	632	210
5561	205 294	125	11	0.01	111	180	22	14	1	9	< 0.01	< 10	< 10	8	< 10	428	170
5564	205 294	195	13	0.01	77	360	12	12	2	14	< 0.01	< 10	10	11	< 10	576	70
5565	205 294	135	18	< 0.01	108	330	48	20	1	7	< 0.01	< 10	< 10	13	< 10	978	160
5566	205 294	690	14	0.01	129	220	34	22	2	27	< 0.01	< 10	< 10	26	< 10	312	110
5570	205 294	2060	20	< 0.01	116	320	24	16	1	46	< 0.01	< 10	< 10	25	< 10	524	90
5635	205 294	200	18	0.02	139	310	50	18	3	16	< 0.01	< 10	< 10	27	< 10	688	190
5638	205 294	275	10	0.01	126	420	18	12	3	16	< 0.01	< 10	< 10	17	< 10	472	90
5640	205 294	395	15	0.02	109	410	16	30	3	19	< 0.01	< 10	< 10	26	< 10	858	140
5643	205 294	4060	106	0.01	168	1750	56	20	3	46	< 0.01	< 10	40	543	< 10	1925	340
5646	205 294	6740	24	< 0.01	35	2110	20	18	3	52	< 0.01	< 10	10	227	< 10	384	30
5649	205 294	6970	27	< 0.01	45	1960	14	18	3	52	< 0.01	< 10	20	262	< 10	1175	120
5652	205 294	>10000	29	0.01	44	1720	22	18	2	52	< 0.01	< 10	40	134	< 10	1335	80
5655	205 294	1465	7	< 0.01	56	1290	20	10	2	91	< 0.01	< 10	< 10	35	< 10	646	50
5900	205 294	6890	1	< 0.01	< 1	340	10	18	1	15	< 0.01	< 10	< 10	19	< 10	12	10
5901	205 294	7400	1	< 0.01	< 1	400	18	20	1	9	< 0.01	< 10	< 10	18	< 10	8	10
5902	205 294	6090	< 1	< 0.01	< 1	250	6	18	1	11	< 0.01	< 10	< 10	18	< 10	10	30
5903	205 294	4410	< 1	< 0.01	1	200	8	14	1	18	< 0.01	< 10	< 10	16	< 10	6	20
5904	205 294	9190	2	< 0.01	6	310	8	14	2	9	< 0.01	< 10	10	36	< 10	12	10
5905	205 294	9240	1	< 0.01	7	320	6	16	2	15	< 0.01	< 10	20	42	< 10	12	10
5906	205 294	9760	1	< 0.01	12	440	6	14	3	17	0.01	< 10	20	63	< 10	24	30
5907	205 294	9620	1	< 0.01	5	300	6	12	2	15	< 0.01	< 10	20	37	< 10	10	10
5908	205 294	8770	1	< 0.01	6	300	6	14	2	17	0.01	< 10	20	50	< 10	8	50
5909	205 294	9450	< 1	< 0.01	8	350	< 2	14	2	20	0.01	< 10	10	43	< 10	8	10

CERTIFICATION: Ian Bichler

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 14-SEP-94
Invoice No. :I9424771
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9424771

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
5910	205	294	< 5	-----	0.2	0.60	< 2	< 10	< 0.5	< 2	2.15	0.5	5	71	6	>15.00	10	< 1	0.02	< 10	2.95
5911	205	294	< 5	-----	0.4	0.91	< 2	< 10	< 0.5	< 2	2.29	1.0	8	51	10	>15.00	20	< 1	0.03	< 10	3.66
5912	205	294	< 5	-----	0.2	0.62	< 2	< 10	< 0.5	< 2	1.96	1.0	9	59	15	>15.00	10	< 1	0.03	< 10	2.95
5913	205	294	< 5	-----	0.2	0.55	< 2	< 10	< 0.5	< 2	1.97	1.0	9	39	6	>15.00	10	< 1	0.05	< 10	3.03
5914	205	294	< 5	-----	0.2	0.69	< 2	< 10	< 0.5	< 2	1.81	0.5	8	48	9	>15.00	10	< 1	0.10	< 10	3.18
5915	205	294	< 5	-----	0.4	0.55	< 2	< 10	< 0.5	< 2	2.05	0.5	6	80	4	13.25	10	< 1	0.05	< 10	2.34
5916	205	294	< 5	-----	0.8	1.11	< 2	< 10	< 0.5	< 2	1.75	1.0	8	57	18	>15.00	20	< 1	0.09	< 10	3.42
5917	205	294	< 5	-----	0.2	1.42	< 2	90	< 0.5	< 2	1.98	0.5	12	80	14	>15.00	10	< 1	0.39	< 10	2.75
5918	205	294	< 5	-----	0.4	0.70	2	10	< 0.5	< 2	1.75	0.5	8	58	8	>15.00	10	< 1	0.07	< 10	3.25
5919	205	294	< 5	-----	0.2	0.59	2	10	< 0.5	< 2	2.24	0.5	6	55	5	>15.00	10	< 1	0.12	< 10	2.97
5920	205	294	< 5	-----	0.2	0.39	< 2	20	< 0.5	< 2	3.26	1.0	7	73	4	>15.00	10	< 1	0.14	< 10	3.40
5921	205	294	215	-----	< 0.2	0.12	< 2	10	< 0.5	< 2	2.68	1.0	6	32	16	>15.00	20	< 1	0.11	< 10	4.43
5922	205	294	550	-----	0.2	0.09	< 2	10	< 0.5	< 2	1.14	0.5	5	72	17	>15.00	20	< 1	0.07	< 10	3.23
5923	205	294	< 5	-----	0.2	0.19	< 2	10	< 0.5	< 2	2.47	1.0	6	68	1	>15.00	10	< 1	0.10	< 10	2.93
5924	205	294	< 5	-----	< 0.2	0.09	< 2	< 10	< 0.5	< 2	3.47	0.5	5	79	< 1	14.85	10	< 1	0.04	< 10	3.03
5925	205	294	< 5	-----	< 0.2	0.64	< 2	< 10	< 0.5	< 2	1.49	1.0	5	68	2	>15.00	20	< 1	0.07	< 10	2.87
5926	205	294	< 5	-----	< 0.2	0.13	< 2	10	< 0.5	< 2	4.55	0.5	2	81	10	14.30	10	< 1	0.07	< 10	3.44
5927	205	294	< 5	-----	< 0.2	0.21	< 2	< 10	< 0.5	< 2	4.14	0.5	3	66	12	13.40	10	< 1	0.03	< 10	3.54
5928	205	294	20	-----	0.4	0.18	6	10	< 0.5	< 2	1.44	0.5	22	83	54	11.80	< 10	< 1	0.10	< 10	1.20
5929	205	294	< 5	-----	< 0.2	0.16	< 2	< 10	< 0.5	< 2	1.90	0.5	2	81	13	>15.00	10	< 1	0.05	< 10	2.80
5930	205	294	1430	1.34	0.6	0.16	< 2	10	< 0.5	< 2	6.17	0.5	9	77	28	14.00	10	< 1	0.07	< 10	3.29
5931	205	294	< 5	-----	< 0.2	0.14	< 2	10	< 0.5	< 2	7.03	0.5	3	51	12	12.30	10	< 1	0.09	< 10	4.21
5932	205	294	35	-----	< 0.2	0.19	< 2	10	< 0.5	< 2	7.91	0.5	5	51	9	12.60	10	< 1	0.11	< 10	4.52
5933	205	294	5	-----	< 0.2	0.14	< 2	10	< 0.5	< 2	8.09	0.5	3	40	8	11.85	< 10	< 1	0.10	< 10	4.50
5934	205	294	< 5	-----	< 0.2	0.10	< 2	10	< 0.5	< 2	7.50	0.5	4	50	9	13.45	10	< 1	0.08	< 10	4.41
5935	205	294	< 5	-----	< 0.2	0.15	< 2	10	< 0.5	< 2	4.05	1.0	6	40	10	>15.00	10	< 1	0.11	< 10	3.59
5936	205	294	< 5	-----	< 0.2	0.17	< 2	10	< 0.5	< 2	6.36	1.0	6	37	11	14.20	10	< 1	0.10	< 10	4.30
5937	205	294	< 5	-----	< 0.2	0.21	< 2	20	< 0.5	< 2	4.91	1.0	7	38	11	>15.00	10	< 1	0.13	< 10	3.91
5938	205	294	< 5	-----	0.2	0.37	< 2	10	< 0.5	< 2	3.24	0.5	5	68	12	13.85	10	< 1	0.11	< 10	2.93
5939	205	294	< 5	-----	< 0.2	0.20	6	20	< 0.5	< 2	3.62	0.5	5	55	11	>15.00	10	< 1	0.13	< 10	3.26
5940	205	294	< 5	-----	< 0.2	0.11	< 2	10	< 0.5	< 2	5.26	0.5	4	66	8	12.35	< 10	< 1	0.07	< 10	3.31
5941	205	294	< 5	-----	< 0.2	0.15	< 2	10	< 0.5	< 2	2.73	1.0	6	58	11	>15.00	10	< 1	0.10	< 10	3.14
5942	205	294	< 5	-----	< 0.2	0.15	< 2	20	< 0.5	< 2	3.11	1.0	5	72	11	>15.00	10	< 1	0.11	< 10	3.14
5943	205	294	< 5	-----	< 0.2	0.20	< 2	20	< 0.5	< 2	4.02	1.0	7	52	11	>15.00	10	< 1	0.16	< 10	3.43
5944	205	294	< 5	-----	< 0.2	0.16	12	10	< 0.5	< 2	3.19	0.5	5	61	11	>15.00	10	< 1	0.11	< 10	3.13
5945	205	294	225	-----	< 0.2	0.22	< 2	20	< 0.5	< 2	3.76	1.0	4	58	13	>15.00	10	< 1	0.13	< 10	3.40
5946	205	294	250	-----	0.2	0.23	6	20	< 0.5	< 2	3.68	0.5	4	57	14	>15.00	10	< 1	0.15	< 10	3.67
5947	205	294	1560	1.13	< 0.2	0.25	< 2	20	< 0.5	< 2	1.48	1.0	7	98	15	>15.00	10	< 1	0.14	< 10	3.21
5948	205	294	< 5	-----	< 0.2	0.09	< 2	10	< 0.5	< 2	1.20	1.5	6	77	13	>15.00	10	< 1	0.06	< 10	3.52
5949	205	294	560	-----	< 0.2	0.08	6	10	< 0.5	< 2	1.48	1.0	6	62	18	>15.00	10	< 1	0.06	< 10	3.31

CERTIFICATION: Stuart Bichler

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 14-SEP-94
Invoice No. :I9424771
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Account :LZV

CERTIFICATE OF ANALYSIS A9424771

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5910	205	294	9950	1	< 0.01	6	420	8	14	2	13	0.01	< 10	10	50	< 10	8	10
5911	205	294	>10000	1	< 0.01	6	610	4	18	3	13	0.01	< 10	20	69	< 10	12	20
5912	205	294	>10000	1	< 0.01	7	390	8	14	2	13	0.01	< 10	10	51	< 10	12	30
5913	205	294	>10000	2	< 0.01	8	290	12	14	2	15	0.01	< 10	20	53	< 10	10	50
5914	205	294	>10000	1	< 0.01	7	440	4	16	3	17	0.02	< 10	20	65	< 10	12	10
5915	205	294	9540	1	< 0.01	7	400	6	12	2	23	0.01	< 10	20	52	< 10	12	50
5916	205	294	>10000	2	< 0.01	10	610	12	20	4	30	0.02	< 10	30	99	< 10	28	10
5917	205	294	>10000	2	0.13	15	410	8	14	4	39	0.01	< 10	20	80	< 10	26	100
5918	205	294	>10000	1	0.01	6	480	10	18	3	18	0.01	< 10	20	62	< 10	12	40
5919	205	294	9010	1	0.02	6	390	8	14	2	24	0.01	< 10	10	42	< 10	14	10
5920	205	294	9130	1	0.04	3	290	8	14	2	38	0.01	< 10	20	31	< 10	12	20
5921	205	294	6660	< 1	0.04	1	100	4	18	1	41	< 0.01	< 10	< 10	21	< 10	18	10
5922	205	294	8910	1	0.02	< 1	250	8	18	1	15	< 0.01	< 10	< 10	17	< 10	14	30
5923	205	294	7320	1	0.03	2	380	6	14	1	23	< 0.01	< 10	< 10	20	< 10	8	10
5924	205	294	5140	< 1	0.01	< 1	300	6	16	1	28	< 0.01	< 10	< 10	15	< 10	8	30
5925	205	294	5250	< 1	0.01	2	240	8	16	1	17	< 0.01	< 10	< 10	32	< 10	14	70
5926	205	294	3880	< 1	0.03	< 1	160	2	14	1	56	< 0.01	< 10	< 10	22	< 10	6	10
5927	205	294	3450	1	0.01	3	180	16	14	1	38	< 0.01	< 10	< 10	32	< 10	10	10
5928	205	294	1950	9	< 0.01	30	370	12	12	1	19	< 0.01	< 10	< 10	16	< 10	104	70
5929	205	294	5590	1	0.02	< 1	250	6	16	1	20	< 0.01	< 10	< 10	23	< 10	10	10
5930	205	294	4860	< 1	0.02	4	280	8	12	1	68	< 0.01	< 10	< 10	18	< 10	8	170
5931	205	294	6110	< 1	0.02	1	290	2	12	1	68	< 0.01	< 10	10	18	< 10	8	40
5932	205	294	6150	< 1	0.04	1	450	< 2	12	1	68	< 0.01	< 10	< 10	20	< 10	8	10
5933	205	294	6100	< 1	0.03	< 1	210	10	12	1	62	< 0.01	< 10	10	18	< 10	4	10
5934	205	294	6750	< 1	0.03	1	350	6	14	1	58	< 0.01	< 10	< 10	17	< 10	4	50
5935	205	294	7780	< 1	0.04	1	430	6	18	1	31	< 0.01	< 10	< 10	19	< 10	4	40
5936	205	294	6780	< 1	0.03	1	260	2	18	1	46	< 0.01	< 10	10	21	< 10	4	20
5937	205	294	7150	< 1	0.04	< 1	440	4	14	1	37	< 0.01	< 10	10	23	< 10	4	30
5938	205	294	8360	1	< 0.01	3	310	4	14	2	26	0.02	< 10	10	41	< 10	6	10
5939	205	294	6970	< 1	0.05	1	350	8	18	1	30	< 0.01	< 10	< 10	21	< 10	6	20
5940	205	294	5870	< 1	0.03	< 1	190	2	12	1	40	< 0.01	< 10	10	16	< 10	4	10
5941	205	294	7240	< 1	0.04	1	390	4	20	1	23	< 0.01	< 10	< 10	20	< 10	4	30
5942	205	294	6670	< 1	0.04	2	250	2	16	1	28	< 0.01	< 10	< 10	21	< 10	4	30
5943	205	294	6570	< 1	0.06	2	340	8	16	1	37	< 0.01	< 10	< 10	25	< 10	4	30
5944	205	294	6690	< 1	0.04	1	280	6	14	1	30	< 0.01	< 10	< 10	20	< 10	4	50
5945	205	294	6510	< 1	0.05	2	270	6	14	1	36	< 0.01	< 10	< 10	25	< 10	6	40
5946	205	294	6630	< 1	0.01	1	510	14	16	1	43	0.01	< 10	< 10	23	< 10	12	10
5947	205	294	6080	< 1	0.02	1	390	4	20	1	24	0.01	< 10	< 10	23	< 10	8	20
5948	205	294	5940	< 1	0.02	< 1	260	8	18	1	15	< 0.01	< 10	< 10	19	< 10	4	10
5949	205	294	6120	< 1	0.02	2	410	12	18	1	22	< 0.01	< 10	< 10	18	< 10	6	10

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 14-SEP-94
Invoice No. :I9424771
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9424771

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
5950	205	294	< 5	-----	< 0.2	0.07	2	10	< 0.5	< 2	2.50	0.5	2	72	11	>15.00	10	< 1	0.04	< 10	3.29
5951	205	294	< 5	-----	< 0.2	0.05	< 2	10	< 0.5	< 2	1.70	1.0	5	54	12	>15.00	10	< 1	0.04	< 10	3.20
5952	205	294	< 5	-----	< 0.2	0.05	< 2	< 10	< 0.5	< 2	1.94	1.5	4	59	12	>15.00	10	< 1	0.03	< 10	3.15
5953	205	294	< 5	-----	< 0.2	0.14	4	10	< 0.5	< 2	2.24	1.0	4	76	14	>15.00	10	< 1	0.06	< 10	2.85
5954	205	294	< 5	-----	< 0.2	0.30	4	10	< 0.5	< 2	3.10	1.0	7	98	15	>15.00	10	< 1	0.10	< 10	3.18
5955	205	294	525	-----	0.2	0.50	< 2	10	< 0.5	< 2	1.49	1.5	8	77	29	>15.00	10	< 1	0.10	< 10	2.93
5956	205	294	465	-----	0.2	0.51	< 2	10	< 0.5	< 2	1.41	1.0	8	69	29	>15.00	10	< 1	0.09	< 10	2.80
5957	205	294	< 5	-----	0.2	0.55	< 2	< 10	< 0.5	< 2	3.04	1.0	7	97	35	13.90	10	< 1	0.11	< 10	2.51
5958	205	294	< 5	-----	0.2	0.46	< 2	< 10	< 0.5	< 2	0.78	0.5	7	60	12	14.55	10	< 1	< 0.01	< 10	1.90
5959	205	294	< 5	-----	0.2	0.59	< 2	< 10	< 0.5	< 2	1.35	0.5	6	64	16	>15.00	10	< 1	< 0.01	< 10	2.95
5960	205	294	< 5	-----	0.2	0.43	18	< 10	< 0.5	< 2	1.72	0.5	7	51	12	14.95	10	< 1	< 0.01	< 10	2.83
5961	205	294	< 5	-----	0.4	0.63	4	< 10	< 0.5	< 2	2.66	0.5	7	70	14	>15.00	10	< 1	< 0.01	< 10	3.26
5962	205	294	< 5	-----	0.4	0.70	< 2	< 10	< 0.5	< 2	2.16	1.0	7	47	16	>15.00	10	< 1	0.01	< 10	3.26
5963	205	294	< 5	-----	0.2	0.46	< 2	< 10	< 0.5	< 2	3.81	0.5	2	63	12	11.70	< 10	< 1	0.04	< 10	2.96
TR5129	205	294	< 5	-----	0.4	0.62	4	< 10	< 0.5	< 2	1.83	0.5	7	60	18	14.80	10	< 1	0.02	< 10	2.90
TR5130	205	294	< 5	-----	0.2	0.60	4	< 10	< 0.5	< 2	2.47	0.5	13	77	20	>15.00	10	< 1	0.06	< 10	3.06
TR5131	205	294	< 5	-----	< 0.2	0.22	< 2	< 10	< 0.5	< 2	2.71	1.0	6	99	33	>15.00	10	< 1	0.01	< 10	2.60
TR5132	205	294	< 5	-----	0.2	0.29	< 2	< 10	< 0.5	< 2	2.81	1.0	5	68	32	>15.00	10	< 1	0.01	< 10	3.07
TR5133	205	294	< 5	-----	0.2	0.51	< 2	< 10	< 0.5	< 2	3.10	0.5	8	77	20	13.55	10	< 1	0.01	< 10	2.96
TR5134	205	294	< 5	-----	0.2	0.46	< 2	< 10	< 0.5	< 2	3.44	0.5	4	101	45	14.60	10	< 1	< 0.01	< 10	2.80
TR5135	205	294	< 5	-----	0.4	0.82	< 2	< 10	< 0.5	< 2	5.47	1.0	4	59	71	>15.00	20	< 1	< 0.01	< 10	4.10

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 14-SEP-94
Invoice No. : I9424771
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9424771

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5950	205	294	5160	< 1	0.02	< 1	240	4	16	1	31	< 0.01	< 10	< 10	17	< 10	4	10
5951	205	294	6300	< 1	0.02	< 1	470	8	18	1	19	< 0.01	< 10	< 10	16	< 10	4	20
5952	205	294	5810	< 1	0.01	< 1	240	6	16	1	20	< 0.01	< 10	< 10	16	< 10	6	10
5953	205	294	5470	< 1	0.01	< 1	290	2	16	1	24	< 0.01	< 10	< 10	19	< 10	4	30
5954	205	294	6320	< 1	0.03	2	330	6	12	1	38	< 0.01	< 10	< 10	25	< 10	8	40
5955	205	294	9350	1	0.01	6	360	10	16	2	22	0.01	< 10	10	35	< 10	14	10
5956	205	294	9040	< 1	0.01	5	340	8	16	2	20	0.01	< 10	10	35	< 10	14	40
5957	205	294	6780	1	< 0.01	8	420	10	14	2	42	0.01	< 10	< 10	37	< 10	32	20
5958	205	294	8830	1	< 0.01	7	360	12	12	2	8	< 0.01	< 10	20	37	< 10	22	10
5959	205	294	8390	< 1	< 0.01	6	350	8	18	2	13	< 0.01	< 10	10	48	< 10	8	10
5960	205	294	8420	< 1	< 0.01	3	620	4	14	2	15	< 0.01	< 10	10	40	< 10	6	10
5961	205	294	9140	< 1	< 0.01	6	370	12	14	2	21	0.01	< 10	10	52	< 10	8	30
5962	205	294	>10000	< 1	< 0.01	7	390	14	18	3	17	< 0.01	< 10	20	66	< 10	12	10
5963	205	294	7230	< 1	< 0.01	5	240	4	12	2	25	0.01	< 10	10	46	< 10	6	40
TR5129	205	294	>10000	1	0.01	7	400	8	14	2	19	< 0.01	< 10	20	57	< 10	14	20
TR5130	205	294	8890	1	< 0.01	8	440	6	14	3	24	0.01	< 10	10	78	< 10	14	10
TR5131	205	294	5500	1	< 0.01	7	370	12	14	2	21	< 0.01	< 10	< 10	34	< 10	14	40
TR5132	205	294	6970	< 1	< 0.01	6	410	8	16	2	28	< 0.01	< 10	< 10	29	< 10	24	30
TR5133	205	294	8120	1	< 0.01	9	430	6	12	2	30	< 0.01	< 10	20	36	< 10	22	10
TR5134	205	294	7400	< 1	< 0.01	8	370	6	12	2	42	< 0.01	< 10	10	31	< 10	16	20
TR5135	205	294	7930	1	< 0.01	10	460	12	18	3	61	< 0.01	< 10	10	50	< 10	26	30

CERTIFICATION:

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TORONTO, ON
M5J 2S1

RECU/RECEIVED
27 -09- 1994

A9425716

Comments: ATTN: J. BURGESS CC: J. BURGESS

CERTIFICATE A9425716

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 19-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	118	Geochem ring to approx 150 mesh
294	118	Crush and split (6-10 pounds)
229	118	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	118	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	118	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	118	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	118	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	118	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	118	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	118	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	118	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	118	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	118	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	118	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	118	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	118	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	118	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	118	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	118	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	118	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	118	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	118	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	118	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	118	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	118	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	118	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	118	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	118	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	118	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	118	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	118	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	118	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	118	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	118	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	118	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	118	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	118	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 19-SEP-94
Invoice No. :I9425716
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9425716

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5392	205	294	15	< 0.2	2.78	< 2	60	< 0.5	< 2	0.51	< 0.5	20	86	53	10.55	10	< 1	0.86	30	1.86	1065
5399	205	294	< 5	< 0.2	2.93	22	80	< 0.5	< 2	1.36	< 0.5	16	121	47	5.41	10	< 1	1.13	20	1.62	820
5402	205	294	< 5	< 0.2	1.98	< 2	90	< 0.5	2	0.11	< 0.5	11	88	85	5.83	10	< 1	1.62	30	1.07	255
5405	205	294	< 5	0.2	1.66	2	100	< 0.5	6	0.47	< 0.5	12	107	89	4.38	10	< 1	1.36	30	0.87	165
5408	205	294	30	0.4	1.00	54	70	< 0.5	< 2	0.52	< 0.5	14	81	59	3.64	10	< 1	0.78	30	0.57	170
5411	205	294	10	0.2	0.69	< 2	70	< 0.5	< 2	0.89	0.5	8	95	47	2.67	10	< 1	0.54	30	0.47	245
5414	205	294	< 5	0.2	0.62	< 2	70	< 0.5	< 2	1.21	0.5	8	80	36	2.15	10	< 1	0.48	30	0.59	265
5417	205	294	< 5	0.4	0.89	< 2	80	< 0.5	< 2	0.49	< 0.5	9	76	44	2.50	10	< 1	0.65	30	0.41	180
5420	205	294	< 5	0.4	1.10	< 2	80	< 0.5	2	0.36	< 0.5	9	69	42	2.77	10	< 1	0.81	40	0.60	185
5423	205	294	< 5	< 0.2	2.38	26	30	< 0.5	< 2	3.53	< 0.5	23	132	77	4.56	10	< 1	0.32	10	2.47	800
5426	205	294	< 5	< 0.2	2.48	< 2	40	< 0.5	< 2	0.26	< 0.5	13	82	37	5.30	10	< 1	0.65	30	1.27	270
5429	205	294	< 5	< 0.2	1.29	< 2	40	< 0.5	< 2	0.18	< 0.5	11	89	58	3.21	10	< 1	0.65	40	0.50	120
5432	205	294	< 5	< 0.2	3.77	< 2	30	< 0.5	< 2	3.65	0.5	29	165	90	6.68	< 10	< 1	0.26	10	2.84	1035
5450	205	294	< 5	< 0.2	3.67	12	190	< 0.5	< 2	4.08	< 0.5	24	139	93	5.89	< 10	< 1	2.87	10	2.62	1175
5451	205	294	< 5	0.2	1.82	< 2	110	< 0.5	< 2	3.74	< 0.5	5	87	17	2.38	< 10	< 1	1.41	20	1.47	795
5452	205	294	< 5	< 0.2	4.80	< 2	190	< 0.5	< 2	3.85	< 0.5	32	188	124	7.30	< 10	< 1	2.53	< 10	3.72	1070
5454	205	294	50	< 0.2	4.28	2	90	< 0.5	< 2	2.34	< 0.5	23	131	100	9.37	10	< 1	1.17	10	2.78	2120
5457	205	294	< 5	0.4	1.47	< 2	40	< 0.5	< 2	0.37	< 0.5	11	107	57	3.45	10	< 1	0.60	40	0.64	240
5460	205	294	< 5	0.2	1.35	4	30	< 0.5	< 2	0.13	< 0.5	9	56	31	2.94	10	< 1	0.50	40	0.54	100
5463	205	294	< 5	< 0.2	2.44	< 2	60	< 0.5	< 2	0.15	< 0.5	8	73	36	5.48	10	< 1	0.71	30	1.06	155
5486	205	294	< 5	< 0.2	0.06	< 2	< 10	< 0.5	< 2	1.01	0.5	3	156	43	>15.00	10	< 1	0.01	< 10	2.64	3900
5487	205	294	< 5	< 0.2	0.08	< 2	< 10	< 0.5	< 2	4.26	1.0	3	64	12	>15.00	20	< 1	0.03	< 10	3.70	4990
5488	205	294	< 5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	2.51	0.5	2	144	12	>15.00	20	< 1	0.01	< 10	3.52	5300
5489	205	294	< 5	< 0.2	2.78	< 2	70	< 0.5	< 2	1.04	0.5	14	128	39	11.85	10	< 1	0.97	10	2.38	4870
5490	205	294	< 5	< 0.2	3.24	< 2	110	< 0.5	< 2	0.10	0.5	20	103	59	11.25	10	< 1	1.85	30	1.99	685
5491	205	294	< 5	< 0.2	4.10	16	90	< 0.5	< 2	3.35	0.5	30	156	126	7.73	10	< 1	1.52	10	2.88	1560
5492	205	294	< 5	< 0.2	4.45	< 2	120	< 0.5	< 2	3.82	1.0	29	149	115	7.68	< 10	< 1	1.26	10	3.01	1790
5493	205	294	< 5	< 0.2	4.57	22	50	< 0.5	< 2	3.77	< 0.5	24	151	75	8.21	10	< 1	0.80	10	3.18	3750
5496	205	294	< 5	0.4	0.91	< 2	70	< 0.5	2	0.59	< 0.5	12	52	42	2.70	10	< 1	0.73	30	0.47	205
5499	205	294	< 5	0.2	0.59	< 2	60	< 0.5	< 2	1.76	0.5	9	40	54	2.87	10	< 1	0.47	30	0.48	535
5502	205	294	< 5	0.4	0.60	40	70	< 0.5	< 2	0.87	< 0.5	9	48	42	2.29	10	< 1	0.48	40	0.34	220
5505	205	294	< 5	0.2	0.65	2	70	< 0.5	< 2	0.66	< 0.5	8	43	39	2.12	10	< 1	0.51	30	0.35	200
5508	205	294	< 5	0.2	1.04	< 2	70	< 0.5	2	0.80	< 0.5	10	53	44	2.66	10	< 1	0.81	30	0.62	235
5511	205	294	< 5	0.2	1.54	< 2	100	< 0.5	< 2	0.56	< 0.5	11	63	44	2.80	10	< 1	1.23	40	0.79	230
5514	205	294	< 5	0.2	1.42	< 2	100	< 0.5	< 2	0.51	< 0.5	9	60	20	2.20	10	< 1	1.14	40	0.67	215
5517	205	294	< 5	0.2	1.37	4	70	< 0.5	< 2	0.65	< 0.5	18	61	54	3.04	10	< 1	0.78	40	0.81	275
5520	205	294	< 5	0.2	1.41	16	70	< 0.5	< 2	0.95	< 0.5	13	82	35	2.47	10	< 1	0.65	40	0.72	265
5523	205	294	< 5	0.4	1.22	< 2	60	< 0.5	< 2	0.47	< 0.5	10	66	30	2.37	< 10	< 1	0.62	40	0.74	215
5526	205	294	5	0.4	0.50	< 2	50	< 0.5	< 2	1.12	0.5	10	41	58	2.87	< 10	< 1	0.39	30	0.60	285
5529	205	294	< 5	4.4	2.36	< 2	50	< 0.5	< 2	0.41	< 0.5	9	67	72	5.44	10	< 1	0.65	30	1.33	275

CERTIFICATION: David Buchler

Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga,
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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 19-SEP-94
Invoice No. : I9425716
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9425716

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5392	205	294	2	< 0.01	55	270	14	10	3	6	0.11	< 10	< 10	79	< 10	108	30
5399	205	294	< 1	< 0.01	36	200	< 2	4	6	37	0.13	< 10	< 10	64	< 10	60	10
5402	205	294	< 1	0.01	31	220	8	6	2	7	0.14	< 10	< 10	27	< 10	90	10
5405	205	294	1	< 0.01	41	1700	36	4	2	26	0.12	< 10	< 10	48	< 10	60	10
5408	205	294	2	< 0.01	43	170	36	2	1	26	0.03	< 10	< 10	13	< 10	46	10
5411	205	294	2	0.01	35	270	22	4	1	50	0.01	< 10	< 10	10	< 10	54	20
5414	205	294	3	0.01	35	300	20	2	1	77	< 0.01	< 10	< 10	11	< 10	72	10
5417	205	294	2	0.01	39	290	18	4	1	39	0.02	< 10	< 10	13	< 10	66	10
5420	205	294	1	0.01	36	280	20	2	1	22	0.06	< 10	< 10	17	< 10	78	10
5423	205	294	1	0.01	81	250	8	2	12	205	0.01	< 10	< 10	98	< 10	78	20
5426	205	294	< 1	0.01	33	190	8	2	2	17	0.05	< 10	< 10	28	< 10	66	10
5429	205	294	< 1	0.01	33	180	20	2	1	16	0.03	< 10	< 10	13	< 10	48	10
5432	205	294	< 1	0.01	63	260	2	4	18	57	0.15	< 10	< 10	161	< 10	112	10
5450	205	294	1	0.01	51	260	< 2	8	14	104	0.30	< 10	< 10	159	< 10	76	20
5451	205	294	< 1	0.02	26	180	< 2	6	4	91	0.13	< 10	< 10	80	< 10	24	10
5452	205	294	< 1	0.01	63	290	2	6	27	67	0.38	< 10	< 10	271	< 10	76	20
5454	205	294	1	< 0.01	54	260	6	8	12	83	0.16	< 10	< 10	143	< 10	124	10
5457	205	294	1	< 0.01	35	190	22	4	1	58	0.04	< 10	< 10	15	< 10	54	10
5460	205	294	< 1	< 0.01	28	190	14	2	1	18	0.03	< 10	< 10	11	< 10	56	10
5463	205	294	< 1	0.01	27	190	8	4	2	16	0.06	< 10	< 10	18	< 10	70	10
5486	205	294	< 1	< 0.01	22	120	< 2	12	1	10	< 0.01	< 10	< 10	18	< 10	10	20
5487	205	294	< 1	0.01	2	230	< 2	16	1	31	< 0.01	< 10	< 10	19	< 10	6	10
5488	205	294	< 1	< 0.01	1	310	< 2	18	1	19	< 0.01	< 10	< 10	14	< 10	6	10
5489	205	294	< 1	0.02	28	280	< 2	12	5	29	0.12	< 10	< 10	105	< 10	80	40
5490	205	294	2	< 0.01	55	320	6	12	4	5	0.22	< 10	< 10	109	< 10	110	20
5491	205	294	< 1	< 0.01	63	390	8	6	12	78	0.17	< 10	< 10	153	< 10	98	10
5492	205	294	< 1	0.01	54	290	6	6	17	58	0.27	< 10	< 10	160	< 10	76	10
5493	205	294	< 1	0.01	51	270	4	12	11	103	0.16	< 10	< 10	123	< 10	70	20
5496	205	294	< 1	< 0.01	35	190	22	2	1	25	0.04	< 10	< 10	10	< 10	56	10
5499	205	294	3	0.01	36	260	14	4	1	114	< 0.01	< 10	< 10	9	< 10	80	20
5502	205	294	3	0.01	37	320	24	2	1	58	< 0.01	< 10	< 10	9	< 10	58	10
5505	205	294	3	0.01	38	290	16	2	1	45	0.01	< 10	< 10	10	< 10	66	20
5508	205	294	1	0.01	34	300	16	2	1	54	0.07	< 10	< 10	18	< 10	70	10
5511	205	294	< 1	0.01	32	300	16	4	1	39	0.11	< 10	< 10	22	< 10	62	10
5514	205	294	< 1	0.01	27	330	8	2	1	34	0.09	< 10	< 10	14	< 10	54	10
5517	205	294	< 1	0.01	33	310	16	2	1	43	0.06	< 10	< 10	17	< 10	64	10
5520	205	294	< 1	0.01	28	300	38	2	1	67	0.04	< 10	< 10	11	< 10	64	10
5523	205	294	< 1	0.01	26	270	34	2	1	28	0.04	< 10	< 10	11	< 10	56	10
5526	205	294	3	0.01	41	290	44	4	< 1	58	< 0.01	< 10	< 10	7	< 10	84	10
5529	205	294	< 1	0.01	27	510	12	6	1	19	0.05	< 10	< 10	19	< 10	96	10

CERTIFICATION: Stan Bichler

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : K431
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Certificate Date: 19-SEP-94
Invoice No. :I9425716
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9425716

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5532	205	294	< 5	< 0.2	0.07	< 2	< 10	< 0.5	< 2	4.07	0.5	2	99	10	14.45	10	< 1	< 0.01	< 10	3.84	4020
5533	205	294	< 5	< 0.2	0.08	< 2	< 10	< 0.5	< 2	5.39	0.5	3	83	12	>15.00	20	< 1	< 0.01	< 10	4.29	4410
5534	205	294	< 5	< 0.2	0.19	2	< 10	< 0.5	< 2	3.33	0.5	4	106	15	>15.00	20	< 1	0.01	< 10	3.51	4780
5535	205	294	< 5	< 0.2	0.03	< 2	< 10	< 0.5	< 2	4.21	0.5	3	119	11	>15.00	20	< 1	0.02	< 10	3.70	4080
5536	205	294	< 5	< 0.2	0.16	< 2	< 10	< 0.5	< 2	3.62	0.5	4	73	13	>15.00	20	< 1	0.01	< 10	3.50	6340
5537	205	294	< 5	< 0.2	0.24	< 2	< 10	< 0.5	< 2	2.28	0.5	6	59	15	>15.00	20	< 1	0.02	< 10	3.95	6830
5538	205	294	< 5	< 0.2	0.10	4	< 10	< 0.5	< 2	2.67	0.5	4	108	12	>15.00	10	< 1	0.01	< 10	3.31	6240
5539	205	294	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	1.32	1.0	6	107	13	>15.00	20	< 1	< 0.01	< 10	3.05	6540
5540	205	294	10	< 0.2	0.12	< 2	< 10	< 0.5	< 2	5.35	0.5	4	69	12	>15.00	10	< 1	0.01	< 10	4.05	7010
5567	205	294	5	< 0.2	0.50	< 2	< 10	< 0.5	< 2	0.97	1.0	10	121	100	>15.00	20	< 1	0.01	< 10	3.82	8480
5568	205	294	20	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	1.07	1.0	8	118	21	>15.00	20	< 1	< 0.01	< 10	3.76	7040
5569	205	294	< 5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.83	1.0	5	97	14	>15.00	20	< 1	0.01	< 10	3.46	7540
5571	205	294	< 5	0.2	0.52	36	< 10	< 0.5	< 2	2.32	1.0	26	120	140	>15.00	10	< 1	0.08	< 10	2.53	3800
5572	205	294	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	4.56	0.5	5	105	12	>15.00	10	< 1	< 0.01	< 10	3.44	5670
5573	205	294	< 5	< 0.2	0.12	< 2	< 10	< 0.5	< 2	8.11	0.5	4	81	10	13.65	10	< 1	0.01	< 10	4.53	5200
5575	205	294	< 5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.97	1.0	4	100	13	>15.00	20	< 1	0.01	< 10	3.57	9770
5576	205	294	< 5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	1.33	1.0	5	125	14	>15.00	20	< 1	0.01	< 10	3.84	7630
5577	205	294	< 5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	1.47	1.0	6	142	13	>15.00	20	< 1	< 0.01	< 10	3.53	6220
5578	205	294	< 5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	1.52	1.0	5	113	14	>15.00	20	< 1	0.01	< 10	3.39	6370
5579	205	294	< 5	< 0.2	0.29	< 2	< 10	< 0.5	< 2	1.29	1.5	6	97	16	>15.00	20	< 1	< 0.01	< 10	2.72	9780
5580	205	294	< 5	< 0.2	0.46	6	< 10	< 0.5	< 2	0.94	0.5	7	116	15	>15.00	10	< 1	< 0.01	< 10	2.62	>10000
5582	205	294	< 5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	1.89	< 0.5	1	122	8	12.50	10	< 1	< 0.01	< 10	2.16	4610
5583	205	294	< 5	< 0.2	0.14	< 2	< 10	< 0.5	< 2	4.46	1.0	4	121	11	14.95	10	< 1	0.02	< 10	3.61	5540
5584	205	294	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	8.65	0.5	2	124	8	10.50	< 10	< 1	0.03	< 10	4.80	4270
5585	205	294	710	< 0.2	0.06	< 2	< 10	< 0.5	< 2	4.91	< 0.5	1	142	12	11.15	10	< 1	0.02	< 10	3.38	4290
5587	205	294	< 5	< 0.2	0.16	< 2	< 10	< 0.5	< 2	7.55	0.5	3	66	8	11.90	10	< 1	0.03	< 10	5.00	4940
5588	205	294	2030	< 0.2	0.09	< 2	< 10	< 0.5	< 2	7.49	0.5	3	115	9	11.05	< 10	< 1	0.03	< 10	4.68	4320
5599	205	294	285	< 0.2	0.37	< 2	< 10	< 0.5	< 2	6.24	0.5	5	95	16	12.20	10	< 1	< 0.01	< 10	4.03	9130
5601	205	294	250	< 0.2	0.29	< 2	< 10	< 0.5	< 2	8.56	0.5	4	136	18	9.85	< 10	< 1	< 0.01	< 10	4.81	4830
5603	205	294	< 5	< 0.2	0.41	< 2	10	< 0.5	< 2	1.66	0.5	7	114	16	>15.00	10	< 1	0.12	< 10	3.19	>10000
5605	205	294	< 5	< 0.2	0.23	< 2	< 10	< 0.5	< 2	2.43	0.5	5	93	13	>15.00	10	< 1	0.05	< 10	3.07	9920
5607	205	294	< 5	< 0.2	0.39	< 2	< 10	< 0.5	< 2	3.00	1.0	7	100	14	14.95	10	< 1	0.08	< 10	3.37	9010
5609	205	294	< 5	< 0.2	0.37	< 2	< 10	< 0.5	< 2	2.03	0.5	7	115	17	>15.00	10	< 1	0.06	< 10	3.47	9880
5611	205	294	< 5	< 0.2	0.29	< 2	< 10	< 0.5	< 2	3.72	0.5	5	107	13	13.45	10	< 1	0.04	< 10	3.36	9050
5612	205	294	< 5	< 0.2	0.21	< 2	< 10	< 0.5	< 2	2.82	< 0.5	4	124	11	11.50	10	< 1	0.02	< 10	2.63	8010
5613	205	294	< 5	< 0.2	0.48	4	< 10	< 0.5	< 2	4.86	< 0.5	7	104	14	13.00	10	< 1	0.05	< 10	3.81	8770
5615	205	294	10	< 0.2	0.63	< 2	< 10	< 0.5	< 2	3.88	0.5	9	94	31	>15.00	10	< 1	0.07	< 10	3.88	9460
5616	205	294	< 5	< 0.2	0.44	< 2	< 10	< 0.5	< 2	3.41	< 0.5	6	130	33	12.05	< 10	< 1	0.05	< 10	3.76	4910
5617	205	294	< 5	< 0.2	0.41	< 2	< 10	< 0.5	< 2	5.60	0.5	7	74	20	11.75	10	< 1	< 0.01	< 10	4.35	4700
5618	205	294	< 5	< 0.2	2.12	4	20	< 0.5	< 2	4.34	< 0.5	14	95	24	13.20	10	< 1	0.15	< 10	4.63	3950

CERTIFICATION: Stuart Bichler

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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
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Page Number :2-B
Total Pages :3
Certificate Date: 19-SEP-94
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CERTIFICATE OF ANALYSIS A9425716

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5532	205	294	< 1	< 0.01	1	130	< 2	14	1	28	< 0.01	< 10	< 10	20	< 10	6	10
5533	205	294	< 1	< 0.01	3	150	< 2	14	1	42	< 0.01	< 10	< 10	24	< 10	12	10
5534	205	294	< 1	< 0.01	2	200	< 2	16	1	29	< 0.01	< 10	< 10	33	< 10	12	10
5535	205	294	< 1	0.01	1	160	< 2	16	1	37	< 0.01	< 10	< 10	19	< 10	6	10
5536	205	294	< 1	< 0.01	2	320	< 2	18	1	22	< 0.01	< 10	< 10	27	< 10	6	10
5537	205	294	< 1	< 0.01	1	280	< 2	20	1	13	< 0.01	< 10	< 10	35	< 10	6	10
5538	205	294	< 1	< 0.01	3	250	< 2	16	1	15	< 0.01	< 10	< 10	22	< 10	6	20
5539	205	294	< 1	< 0.01	2	260	< 2	20	1	9	< 0.01	< 10	< 10	21	< 10	4	10
5540	205	294	< 1	< 0.01	3	230	< 2	14	1	34	< 0.01	< 10	< 10	22	< 10	8	10
5567	205	294	< 1	< 0.01	37	80	< 2	20	2	18	< 0.01	< 10	< 10	32	< 10	64	20
5568	205	294	< 1	< 0.01	3	50	< 2	22	1	20	< 0.01	< 10	< 10	13	< 10	30	20
5569	205	294	< 1	< 0.01	< 1	130	< 2	20	1	15	< 0.01	< 10	< 10	14	< 10	16	10
5571	205	294	6	< 0.01	57	280	8	18	2	46	< 0.01	< 10	< 10	28	< 10	178	50
5572	205	294	< 1	< 0.01	< 1	210	< 2	14	1	32	< 0.01	< 10	< 10	23	< 10	6	10
5573	205	294	< 1	0.01	2	210	< 2	10	1	68	< 0.01	< 10	< 10	20	< 10	8	10
5575	205	294	< 1	< 0.01	< 1	170	< 2	18	1	14	< 0.01	< 10	< 10	13	< 10	14	10
5576	205	294	< 1	< 0.01	1	170	< 2	18	1	21	< 0.01	< 10	< 10	12	< 10	16	10
5577	205	294	< 1	< 0.01	< 1	140	< 2	18	1	20	< 0.01	< 10	< 10	12	< 10	6	10
5578	205	294	< 1	< 0.01	< 1	100	< 2	20	1	18	< 0.01	< 10	< 10	13	< 10	4	10
5579	205	294	< 1	< 0.01	4	320	< 2	20	2	20	< 0.01	< 10	10	31	< 10	16	10
5580	205	294	< 1	< 0.01	7	450	< 2	18	2	15	0.01	< 10	10	45	< 10	22	10
5582	205	294	< 1	< 0.01	< 1	150	< 2	14	< 1	11	< 0.01	< 10	< 10	7	< 10	2	10
5583	205	294	< 1	< 0.01	3	270	< 2	14	1	57	< 0.01	< 10	< 10	23	< 10	14	10
5584	205	294	< 1	< 0.01	1	140	< 2	12	< 1	187	< 0.01	< 10	< 10	16	< 10	20	10
5585	205	294	< 1	< 0.01	2	320	< 2	12	< 1	90	< 0.01	< 10	< 10	12	< 10	14	10
5587	205	294	< 1	< 0.01	3	290	< 2	12	1	101	< 0.01	< 10	< 10	21	< 10	14	10
5588	205	294	< 1	< 0.01	2	160	< 2	10	< 1	132	< 0.01	< 10	< 10	16	< 10	12	10
5599	205	294	< 1	< 0.01	4	470	< 2	12	2	108	< 0.01	< 10	20	42	< 10	20	10
5601	205	294	< 1	0.01	7	240	2	8	2	141	< 0.01	< 10	< 10	31	< 10	18	10
5603	205	294	< 1	< 0.01	6	320	< 2	16	2	14	0.02	< 10	10	44	< 10	8	10
5605	205	294	< 1	< 0.01	4	350	< 2	12	1	19	0.01	< 10	10	30	< 10	6	10
5607	205	294	< 1	< 0.01	6	390	< 2	14	2	24	0.02	< 10	10	49	< 10	12	10
5609	205	294	< 1	< 0.01	7	370	< 2	16	2	17	0.01	< 10	10	40	< 10	8	10
5611	205	294	< 1	< 0.01	4	310	< 2	14	1	28	0.01	< 10	10	32	< 10	8	10
5612	205	294	< 1	< 0.01	3	290	< 2	14	1	20	< 0.01	< 10	10	23	< 10	6	10
5613	205	294	< 1	< 0.01	7	310	< 2	14	2	34	0.01	< 10	10	43	< 10	8	10
5615	205	294	< 1	< 0.01	9	440	< 2	14	2	29	0.02	< 10	10	63	< 10	14	10
5616	205	294	< 1	< 0.01	4	430	< 2	14	2	29	0.01	< 10	< 10	56	< 10	10	10
5617	205	294	< 1	< 0.01	6	290	< 2	10	2	44	< 0.01	< 10	< 10	45	< 10	12	10
5618	205	294	< 1	0.01	31	340	< 2	14	9	41	0.03	< 10	< 10	103	< 10	32	10

CERTIFICATION: Stan Bichler

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Account :LZV

CERTIFICATE OF ANALYSIS A9425716

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5620	205	294	< 5	< 0.2	3.23	2	10	< 0.5	< 2	5.32	< 0.5	24	128	61	8.97	10	< 1	0.10	< 10	3.85	2410
5661	205	294	< 5	1.4	1.35	6	20	< 0.5	< 2	0.55	2.0	29	71	192	10.45	10	< 1	0.34	< 10	0.73	285
5662	205	294	5	1.2	0.90	24	10	< 0.5	< 2	0.61	3.0	17	54	227	11.90	10	< 1	0.20	< 10	0.66	190
5669	205	294	15	1.4	1.28	8	10	< 0.5	< 2	1.12	2.0	22	78	172	9.09	10	< 1	0.31	< 10	0.99	300
5670	205	294	10	1.2	0.96	30	10	< 0.5	< 2	0.40	1.0	20	62	124	8.51	< 10	< 1	0.17	< 10	0.57	105
5673	205	294	20	1.2	0.80	124	20	< 0.5	< 2	1.38	3.5	20	77	149	11.15	10	< 1	0.30	< 10	0.83	315
5676	205	294	30	1.2	0.49	62	10	< 0.5	< 2	0.71	2.5	19	36	135	7.62	< 10	< 1	0.19	< 10	0.44	130
5679	205	294	15	0.8	0.79	34	10	< 0.5	< 2	0.79	1.0	17	43	100	8.17	< 10	< 1	0.28	< 10	0.59	145
5682	205	294	35	0.8	0.65	44	10	< 0.5	< 2	0.51	1.5	18	36	91	9.12	< 10	< 1	0.16	< 10	0.46	110
5685	205	294	10	1.2	0.72	20	10	< 0.5	< 2	1.41	1.5	14	48	104	8.40	10	< 1	0.28	< 10	0.89	295
5695	205	294	< 5	< 0.2	0.18	4	20	< 0.5	< 2	1.97	0.5	2	32	12	14.30	10	< 1	0.11	< 10	0.93	5610
5696	205	294	< 5	< 0.2	0.08	2	10	< 0.5	< 2	3.17	0.5	3	30	21	10.90	10	< 1	0.06	< 10	0.55	3970
5700	205	294	< 5	0.6	1.58	14	10	< 0.5	2	1.03	< 0.5	17	75	203	14.45	20	< 1	0.10	20	1.59	335
5701	205	294	< 5	1.4	1.06	84	30	< 0.5	< 2	1.02	1.0	31	78	152	13.70	20	< 1	0.29	70	0.88	195
5702A	205	294	20	0.4	0.74	210	< 10	< 0.5	< 2	1.11	1.0	49	116	164	>15.00	20	< 1	0.25	20	0.81	190
5702B	205	294	25	0.6	0.44	184	10	< 0.5	< 2	0.96	1.0	43	47	159	>15.00	20	< 1	0.11	20	0.71	175
5703A	205	294	< 5	1.4	0.85	94	20	< 0.5	< 2	1.30	1.5	29	111	166	13.40	20	< 1	0.29	60	0.84	240
5703B	205	294	25	1.0	0.41	202	10	< 0.5	< 2	1.26	2.0	47	47	210	>15.00	30	< 1	0.14	40	0.70	235
5704A	205	294	40	0.4	0.35	236	10	< 0.5	< 2	0.74	0.5	50	63	145	>15.00	40	< 1	0.12	10	0.48	155
5704B	205	294	10	0.6	0.64	138	10	< 0.5	< 2	1.27	1.5	48	56	234	>15.00	30	< 1	0.15	30	0.79	255
5705	205	294	15	< 0.2	3.68	30	< 10	< 0.5	< 2	6.44	< 0.5	34	168	135	7.97	10	< 1	< 0.01	< 10	3.39	1245
5707	205	294	10	1.2	1.50	44	30	< 0.5	< 2	0.45	2.5	26	104	256	12.75	10	< 1	0.32	20	0.93	210
5726	205	294	< 5	< 0.2	0.25	10	30	< 0.5	< 2	5.56	0.5	3	30	20	9.34	10	< 1	0.13	< 10	1.20	6560
5727	205	294	< 5	< 0.2	0.08	2	10	< 0.5	< 2	2.49	0.5	2	39	25	8.64	10	< 1	0.04	< 10	0.38	2580
5728	205	294	< 5	< 0.2	4.42	8	20	< 0.5	< 2	4.34	< 0.5	36	201	166	10.45	10	< 1	0.08	< 10	3.82	1380
5735	205	294	< 5	< 0.2	0.04	2	< 10	< 0.5	< 2	10.50	< 0.5	2	92	7	8.80	< 10	< 1	< 0.01	< 10	5.18	3140
5736	205	294	< 5	< 0.2	0.02	< 2	< 10	< 0.5	< 2	10.90	0.5	1	36	8	11.25	10	< 1	< 0.01	< 10	5.93	3650
5737	205	294	< 5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	4.53	0.5	< 1	113	4	6.67	< 10	< 1	< 0.01	< 10	2.54	2360
5738	205	294	< 5	< 0.2	0.07	< 2	< 10	< 0.5	< 2	9.41	0.5	2	40	10	12.70	10	< 1	< 0.01	< 10	5.53	3730
5739	205	294	40	< 0.2	0.04	< 2	< 10	< 0.5	< 2	10.65	1.0	1	47	13	12.05	10	< 1	< 0.01	< 10	5.77	4430
5740	205	294	270	< 0.2	0.08	< 2	< 10	< 0.5	< 2	8.87	0.5	3	53	11	11.50	< 10	< 1	< 0.01	< 10	4.91	4490
5741	205	294	< 5	< 0.2	0.07	6	< 10	< 0.5	< 2	10.20	0.5	3	67	9	10.75	< 10	< 1	< 0.01	< 10	5.47	3880
5742	205	294	< 5	< 0.2	0.10	4	< 10	< 0.5	< 2	9.47	< 0.5	2	36	10	11.65	10	< 1	0.07	< 10	5.23	4720
5743	205	294	< 5	< 0.2	0.09	< 2	< 10	< 0.5	< 2	8.99	0.5	3	42	14	14.00	10	< 1	0.03	< 10	5.33	5660
5744	205	294	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	8.80	1.0	3	55	9	11.05	10	< 1	0.01	< 10	5.13	4610
5745	205	294	< 5	< 0.2	0.07	< 2	< 10	< 0.5	< 2	8.14	1.0	4	55	13	14.85	10	< 1	< 0.01	< 10	5.24	5820
5746	205	294	1940	< 0.2	0.39	8	< 10	< 0.5	< 2	4.66	1.0	7	62	39	>15.00	10	< 1	< 0.01	< 10	4.00	4990
5747	205	294	595	< 0.2	0.16	< 2	< 10	< 0.5	< 2	8.01	1.0	2	80	11	11.55	< 10	< 1	< 0.01	< 10	4.73	4530

CERTIFICATION: Stewart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 19-SEP-94
Invoice No. : I9425716
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9425716

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5620	205	294	< 1	0.02	48	300	< 2	6	13	69	0.02	< 10	< 10	148	< 10	56	10
5661	205	294	10	0.01	105	330	36	14	3	16	< 0.01	< 10	< 10	23	< 10	624	60
5662	205	294	7	0.01	172	460	14	14	3	13	< 0.01	< 10	< 10	15	< 10	970	120
5669	205	294	7	0.01	127	510	18	12	4	23	< 0.01	< 10	< 10	20	< 10	762	120
5670	205	294	13	0.01	104	340	12	10	2	9	< 0.01	< 10	< 10	14	< 10	468	90
5673	205	294	25	0.01	121	270	34	18	2	22	< 0.01	< 10	< 10	35	< 10	834	290
5676	205	294	16	0.01	119	390	28	16	2	11	< 0.01	< 10	< 10	15	< 10	694	260
5679	205	294	8	0.01	87	180	20	12	2	15	< 0.01	< 10	< 10	13	< 10	304	90
5682	205	294	10	0.01	93	190	24	14	1	10	< 0.01	< 10	< 10	11	< 10	606	170
5685	205	294	9	0.02	90	210	18	14	2	26	< 0.01	< 10	< 10	12	< 10	464	110
5695	205	294	< 1	0.06	1	460	< 2	16	1	15	< 0.01	< 10	< 10	23	< 10	22	20
5696	205	294	< 1	0.02	< 1	540	2	16	< 1	25	< 0.01	< 10	< 10	20	< 10	10	50
5700	205	294	17	0.01	111	540	8	16	3	9	0.02	< 10	< 10	91	< 10	52	80
5701	205	294	16	0.03	79	600	16	16	2	14	< 0.01	< 10	< 10	28	< 10	558	510
5702A	205	294	9	0.03	94	290	46	28	3	13	< 0.01	< 10	< 10	22	< 10	534	600
5702B	205	294	8	0.01	97	190	44	28	2	9	< 0.01	< 10	< 10	13	< 10	402	600
5703A	205	294	16	0.03	87	610	34	18	2	15	< 0.01	< 10	< 10	26	< 10	684	680
5703B	205	294	13	0.02	96	340	66	30	2	12	< 0.01	< 10	< 10	16	< 10	892	960
5704A	205	294	5	0.02	102	170	64	36	2	8	< 0.01	< 10	< 10	19	< 10	368	600
5704B	205	294	10	0.03	106	270	24	26	2	12	< 0.01	< 10	< 10	18	< 10	488	380
5705	205	294	< 1	0.01	72	310	22	6	29	36	0.10	< 10	< 10	227	< 10	140	10
5707	205	294	17	0.02	122	370	22	16	3	10	< 0.01	< 10	< 10	37	< 10	816	650
5726	205	294	1	0.07	3	410	2	12	< 1	45	< 0.01	< 10	< 10	27	< 10	18	60
5727	205	294	< 1	0.02	1	490	2	14	< 1	22	< 0.01	< 10	< 10	20	< 10	6	40
5728	205	294	< 1	0.03	71	400	4	8	31	40	0.21	< 10	< 10	290	< 10	66	60
5735	205	294	< 1	< 0.01	< 1	60	6	12	< 1	149	< 0.01	< 10	< 10	11	< 10	20	10
5736	205	294	< 1	0.01	< 1	80	4	14	< 1	175	< 0.01	< 10	< 10	12	< 10	22	10
5737	205	294	< 1	< 0.01	< 1	20	< 2	6	< 1	50	< 0.01	< 10	< 10	6	< 10	6	10
5738	205	294	< 1	< 0.01	1	80	4	12	< 1	128	< 0.01	< 10	< 10	13	< 10	14	10
5739	205	294	< 1	0.01	< 1	320	< 2	14	< 1	133	< 0.01	< 10	< 10	13	< 10	20	10
5740	205	294	< 1	< 0.01	1	110	< 2	12	< 1	128	< 0.01	< 10	< 10	14	< 10	16	10
5741	205	294	< 1	< 0.01	1	90	2	12	< 1	114	< 0.01	< 10	< 10	14	< 10	16	10
5742	205	294	< 1	< 0.01	1	150	4	14	1	67	< 0.01	< 10	< 10	19	< 10	14	10
5743	205	294	< 1	< 0.01	2	200	2	16	1	75	< 0.01	< 10	10	20	< 10	22	10
5744	205	294	< 1	< 0.01	1	340	2	14	1	154	< 0.01	< 10	< 10	18	< 10	18	10
5745	205	294	< 1	< 0.01	1	770	2	14	1	84	< 0.01	< 10	< 10	18	< 10	28	10
5746	205	294	< 1	< 0.01	4	330	8	18	1	84	< 0.01	< 10	< 10	30	< 10	44	20
5747	205	294	< 1	< 0.01	< 1	110	4	16	1	161	< 0.01	< 10	< 10	19	< 10	26	10

CERTIFICATION: Hans P. Bichler

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To: KENNECOTT CANADA, INC.
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TORONTO, ON
M5J 2S1

Comments: ATTN: J. BURGESS CC: J. BURGESS

REÇU/RECEIVED
27 -09- 1994

A9425718

CERTIFICATE A9425718

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	63	Geochem ring to approx 150 mesh
294	63	Crush and split (6-10 pounds)
229	63	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	63	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
997	1	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	500.0
2118	63	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	63	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	63	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	63	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	63	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	63	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	63	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	63	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	63	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	63	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	63	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	63	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	63	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	63	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	63	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	63	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	63	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	63	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	63	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	63	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	63	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	63	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	63	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	63	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	63	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	63	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	63	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	63	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	63	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	63	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	63	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	63	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	63	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 21-SEP-94
Invoice No. : I9425718
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9425718

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
6055	205	294	480	-----	< 0.2	0.15	< 2	< 10	< 0.5	< 2	5.21	< 0.5	2	156	18	13.10	< 10	< 1	0.02	< 10	3.31
6056	205	294	25	-----	< 0.2	0.23	< 2	10	< 0.5	< 2	1.86	< 0.5	4	97	16	>15.00	10	< 1	0.08	< 10	3.10
6057	205	294	185	-----	< 0.2	0.21	2	10	< 0.5	< 2	3.40	< 0.5	3	56	11	>15.00	< 10	< 1	0.09	< 10	3.25
6058	205	294	280	-----	< 0.2	0.31	< 2	20	< 0.5	< 2	2.04	< 0.5	7	32	18	>15.00	10	< 1	0.16	< 10	3.79
6059	205	294	340	-----	< 0.2	0.40	50	10	< 0.5	< 2	2.91	< 0.5	4	39	19	>15.00	10	< 1	0.14	< 10	3.91
6060	205	294	1200	-----	< 0.2	0.28	< 2	10	< 0.5	< 2	2.80	< 0.5	3	28	20	>15.00	10	< 1	0.13	< 10	3.94
6061	205	294	890	-----	< 0.2	0.18	< 2	10	< 0.5	< 2	1.70	< 0.5	4	24	23	>15.00	20	< 1	0.13	< 10	4.19
6062	205	294	5	-----	< 0.2	0.05	< 2	< 10	< 0.5	< 2	1.04	< 0.5	2	23	17	>15.00	20	< 1	0.04	< 10	4.01
6063	205	294	< 5	-----	< 0.2	0.15	< 2	< 10	< 0.5	< 2	1.61	< 0.5	4	16	23	>15.00	30	< 1	0.04	< 10	4.91
6064	205	294	< 5	-----	< 0.2	0.57	< 2	< 10	< 0.5	< 2	1.88	< 0.5	7	35	26	>15.00	20	< 1	0.03	< 10	4.19
6065	205	294	385	-----	0.2	1.34	< 2	20	< 0.5	< 2	2.01	< 0.5	11	50	35	14.30	< 10	< 1	0.87	< 10	2.11
6066	205	294	< 5	-----	0.2	2.10	< 2	40	< 0.5	2	0.59	< 0.5	13	42	68	7.28	< 10	< 1	1.12	< 10	1.21
6067	205	294	5	-----	0.2	1.58	< 2	10	0.5	4	0.53	1.0	20	52	98	7.15	10	< 1	0.22	< 10	1.26
6068	205	294	30	-----	0.2	0.89	22	10	1.0	< 2	1.38	0.5	20	43	100	8.30	< 10	< 1	0.17	< 10	1.66
6069	205	294	255	-----	< 0.2	0.97	138	< 10	< 0.5	< 2	2.21	< 0.5	10	72	46	14.65	< 10	< 1	0.07	< 10	2.96
6070	205	294	15	-----	< 0.2	0.21	< 2	< 10	< 0.5	< 2	0.84	< 0.5	3	38	25	>15.00	10	< 1	0.07	< 10	3.18
6071	205	294	>10000	9.46	0.8	0.24	< 2	< 10	< 0.5	< 2	1.04	1.0	4	41	19	>15.00	10	< 1	0.06	< 10	3.16
6072	205	294	55	-----	< 0.2	0.19	18	< 10	< 0.5	< 2	0.88	0.5	3	39	14	>15.00	10	< 1	0.01	< 10	2.82
6073	205	294	20	-----	< 0.2	0.03	18	< 10	< 0.5	< 2	0.55	0.5	7	37	15	>15.00	10	< 1	0.02	< 10	2.74
6074	205	294	< 5	-----	< 0.2	0.02	< 2	< 10	< 0.5	< 2	0.80	0.5	4	49	13	>15.00	10	< 1	0.02	< 10	3.78
6075	205	294	< 5	-----	< 0.2	0.07	< 2	< 10	< 0.5	< 2	1.21	0.5	2	42	12	>15.00	10	< 1	0.02	< 10	4.23
6076	205	294	< 5	-----	< 0.2	0.03	< 2	< 10	< 0.5	< 2	1.16	1.0	2	35	13	>15.00	10	< 1	0.02	< 10	4.41
6077	205	294	< 5	-----	< 0.2	0.06	< 2	< 10	< 0.5	< 2	1.77	1.0	4	35	15	>15.00	10	< 1	0.01	< 10	3.75
6078	205	294	< 5	-----	< 0.2	0.05	< 2	< 10	< 0.5	< 2	2.50	1.0	5	24	16	>15.00	10	< 1	0.02	< 10	4.32
6079	205	294	< 5	-----	< 0.2	0.04	< 2	< 10	< 0.5	< 2	2.95	1.0	4	46	15	>15.00	< 10	< 1	0.01	< 10	4.07
6080	205	294	< 5	-----	< 0.2	0.04	< 2	110	< 0.5	< 2	1.06	0.5	4	73	13	>15.00	10	< 1	0.02	< 10	3.54
6081	205	294	< 5	-----	< 0.2	0.06	< 2	< 10	< 0.5	< 2	1.77	1.0	5	46	15	>15.00	10	< 1	0.02	< 10	4.14
6082	205	294	< 5	-----	< 0.2	0.05	< 2	< 10	< 0.5	< 2	1.35	1.0	5	39	15	>15.00	10	< 1	0.02	< 10	3.95
6083	205	294	< 5	-----	< 0.2	0.05	< 2	< 10	< 0.5	< 2	1.07	0.5	4	39	13	>15.00	10	< 1	0.02	< 10	3.89
6084	205	294	< 5	-----	< 0.2	0.02	< 2	< 10	< 0.5	< 2	0.80	0.5	4	37	12	>15.00	10	< 1	0.01	< 10	4.05
6085	205	294	< 5	-----	< 0.2	0.07	< 2	< 10	< 0.5	< 2	1.08	1.0	3	41	13	>15.00	10	< 1	0.02	< 10	4.29
6086	205	294	< 5	-----	< 0.2	0.06	4	< 10	< 0.5	< 2	1.74	0.5	8	67	35	>15.00	10	< 1	0.01	< 10	4.32
6087	205	294	15	-----	1.0	0.79	2	20	< 0.5	< 2	0.34	2.0	12	64	159	13.30	10	< 1	0.30	10	0.43
6089	205	294	50	-----	1.2	1.11	30	10	< 0.5	< 2	0.38	3.5	39	80	323	>15.00	10	< 1	0.19	< 10	0.81
6090	205	294	45	-----	< 0.2	0.75	580	< 10	< 0.5	< 2	3.33	< 0.5	8	99	167	14.70	< 10	< 1	0.01	< 10	3.02
6091	205	294	325	-----	< 0.2	0.48	394	< 10	< 0.5	< 2	2.74	0.5	6	89	144	>15.00	< 10	< 1	0.01	< 10	2.91
6092	205	294	15	-----	0.4	2.01	24	< 10	< 0.5	< 2	3.71	0.5	11	135	141	>15.00	< 10	< 1	0.04	< 10	3.62
6093	205	294	50	-----	1.6	0.70	6	10	< 0.5	< 2	1.23	8.0	23	77	229	>15.00	10	< 1	0.21	< 10	0.84
6094	205	294	20	-----	1.0	0.70	26	10	< 0.5	< 2	1.03	2.0	20	52	127	9.65	< 10	< 1	0.26	10	0.79
6095	205	294	20	-----	1.4	0.79	24	10	< 0.5	< 2	0.54	3.0	23	67	248	>15.00	10	< 1	0.15	< 10	1.39

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
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To: KENNECOTT CANADA, INC.
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4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number :1-B
Total Pages :2
Certificate Date: 21-SEP-94
Invoice No. :I9425718
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9425718

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
6055	205 294	3630	< 1	0.01	2	200	2	14	1	96	< 0.01	< 10	< 10	16	20	54	10
6056	205 294	6690	< 1	0.03	1	300	4	20	1	33	< 0.01	< 10	< 10	29	20	68	10
6057	205 294	6120	< 1	0.03	1	260	4	18	1	53	< 0.01	< 10	< 10	24	20	50	10
6058	205 294	6700	< 1	0.05	2	300	4	22	2	43	< 0.01	< 10	< 10	29	20	76	10
6059	205 294	6110	< 1	0.05	1	310	8	20	2	62	< 0.01	< 10	< 10	30	20	82	20
6060	205 294	4960	< 1	0.04	< 1	170	4	22	1	65	< 0.01	< 10	< 10	20	20	80	10
6061	205 294	4350	< 1	0.04	< 1	150	4	26	1	41	< 0.01	< 10	< 10	20	20	84	30
6062	205 294	6760	< 1	0.01	< 1	290	12	26	1	21	< 0.01	< 10	< 10	12	10	80	10
6063	205 294	7430	< 1	0.01	< 1	200	8	24	2	40	< 0.01	< 10	< 10	21	60	102	10
6064	205 294	9690	< 1	0.01	3	390	< 2	22	2	42	< 0.01	< 10	< 10	44	20	102	20
6065	205 294	5680	< 1	< 0.01	24	370	8	14	3	54	0.09	< 10	< 10	67	10	120	20
6066	205 294	1025	1	< 0.01	33	220	8	8	2	31	0.14	< 10	< 10	32	< 10	186	10
6067	205 294	360	3	< 0.01	55	190	2	8	3	26	0.01	< 10	< 10	46	< 10	228	10
6068	205 294	800	2	< 0.01	50	210	6	8	2	60	< 0.01	< 10	< 10	22	< 10	186	10
6069	205 294	3830	< 1	< 0.01	25	280	< 2	16	4	78	< 0.01	< 10	< 10	38	< 10	146	10
6070	205 294	7380	< 1	< 0.01	1	360	2	24	2	27	< 0.01	< 10	< 10	23	10	90	10
6071	205 294	7330	< 1	0.01	1	330	< 2	24	1	34	< 0.01	< 10	< 10	21	30	82	230
6072	205 294	6550	1	< 0.01	2	320	< 2	20	1	23	< 0.01	< 10	< 10	20	30	72	10
6073	205 294	6870	1	< 0.01	< 1	160	< 2	24	1	7	< 0.01	< 10	< 10	13	30	72	10
6074	205 294	4690	1	< 0.01	< 1	60	< 2	24	1	11	< 0.01	< 10	< 10	13	30	68	10
6075	205 294	4230	1	0.01	< 1	40	< 2	22	1	15	< 0.01	< 10	< 10	15	30	64	10
6076	205 294	5700	< 1	0.01	< 1	70	< 2	22	1	21	< 0.01	< 10	< 10	13	30	70	10
6077	205 294	7230	< 1	< 0.01	< 1	110	< 2	22	1	29	< 0.01	< 10	< 10	14	40	72	10
6078	205 294	8090	< 1	< 0.01	< 1	150	< 2	26	1	49	< 0.01	< 10	< 10	15	60	78	10
6079	205 294	6680	< 1	< 0.01	< 1	100	< 2	20	1	59	< 0.01	< 10	< 10	13	40	80	10
6080	205 294	6730	< 1	< 0.01	< 1	140	< 2	20	1	26	< 0.01	< 10	< 10	14	30	68	10
6081	205 294	6720	1	0.01	< 1	220	< 2	26	1	42	< 0.01	< 10	< 10	15	40	76	10
6082	205 294	6940	< 1	< 0.01	< 1	90	< 2	22	1	29	< 0.01	< 10	< 10	13	30	76	10
6083	205 294	7250	< 1	< 0.01	< 1	150	< 2	24	1	20	< 0.01	< 10	< 10	14	40	72	20
6084	205 294	5860	1	< 0.01	< 1	100	< 2	20	1	12	< 0.01	< 10	< 10	14	30	62	10
6085	205 294	6080	< 1	< 0.01	< 1	100	< 2	20	1	17	< 0.01	< 10	< 10	18	30	62	10
6086	205 294	5940	1	< 0.01	8	90	< 2	20	5	47	< 0.01	< 10	< 10	15	50	76	10
6087	205 294	230	14	0.01	92	380	10	14	3	14	< 0.01	< 10	< 10	18	< 10	664	130
6089	205 294	305	21	< 0.01	139	200	30	28	3	16	< 0.01	< 10	< 10	35	10	876	210
6090	205 294	4730	2	< 0.01	69	290	< 2	16	2	122	< 0.01	< 10	< 10	35	30	118	10
6091	205 294	5090	< 1	< 0.01	75	200	< 2	18	2	96	< 0.01	< 10	< 10	21	30	104	10
6092	205 294	3660	10	0.01	81	210	< 2	16	4	107	< 0.01	< 10	< 10	69	40	146	10
6093	205 294	875	61	0.01	119	820	22	20	2	29	< 0.01	< 10	< 10	83	20	1620	370
6094	205 294	420	11	0.01	99	300	16	14	3	29	< 0.01	< 10	< 10	14	10	476	140
6095	205 294	1505	10	< 0.01	87	230	22	24	2	18	< 0.01	< 10	< 10	20	20	756	180

CERTIFICATION: Stewart Buchler

Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga,
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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number :2-A
Total Pages :2
Certificate Date: 21-SEP-94
Invoice No. :I9425718
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9425718

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
6096	205	294	45	-----	2.0	1.30	100	10	< 0.5	< 2	0.16	3.0	31	74	132	>15.00	10	< 1	0.26	10	0.69
6097	205	294	30	-----	1.6	0.88	86	10	< 0.5	< 2	0.77	2.0	17	59	202	>15.00	10	< 1	0.25	< 10	0.67
6098	205	294	< 5	-----	1.4	0.84	30	10	1.5	< 2	0.35	1.0	18	60	155	7.65	< 10	< 1	0.28	< 10	0.36
6099	205	294	50	-----	1.6	0.82	404	20	< 0.5	< 2	1.18	27.5	25	105	119	>15.00	< 10	< 1	0.32	< 10	0.56
6100	205	294	< 5	-----	0.6	0.79	262	< 10	< 0.5	< 2	3.91	3.5	20	82	213	12.45	< 10	< 1	0.06	< 10	2.28
6101	205	294	< 5	-----	1.4	1.06	24	10	< 0.5	< 2	2.00	15.5	6	81	343	12.95	< 10	< 1	0.12	< 10	1.46
6102	205	294	< 5	-----	0.8	0.58	96	< 10	1.5	< 2	2.20	4.0	13	60	129	10.30	< 10	< 1	0.14	< 10	1.21
6103	205	294	30	-----	0.8	0.91	22	10	< 0.5	< 2	1.26	15.0	14	83	273	9.52	< 10	< 1	0.13	< 10	0.97
6104	205	294	45	-----	1.2	0.44	< 2	20	0.5	< 2	1.62	19.5	17	57	202	10.95	< 10	< 1	0.19	< 10	1.22
6105	205	294	10	-----	1.6	0.69	16	10	1.0	< 2	0.68	4.0	20	47	165	11.35	< 10	< 1	0.22	10	0.51
6106	205	294	5	-----	0.8	0.70	14	10	1.5	< 2	0.65	3.5	28	62	127	9.51	< 10	< 1	0.25	10	0.49
6107	205	294	< 5	-----	0.4	0.17	< 2	< 10	< 0.5	< 2	3.97	0.5	4	94	54	11.80	< 10	< 1	0.05	< 10	3.38
6108	205	294	< 5	-----	< 0.2	0.05	< 2	< 10	< 0.5	< 2	3.08	< 0.5	2	114	9	12.40	< 10	< 1	< 0.01	< 10	3.67
6109	205	294	< 5	-----	< 0.2	0.04	< 2	< 10	< 0.5	< 2	3.13	< 0.5	1	140	9	12.65	< 10	< 1	< 0.01	< 10	3.77
6110	205	294	< 5	-----	< 0.2	0.02	< 2	< 10	< 0.5	< 2	2.76	0.5	2	104	9	10.50	< 10	< 1	< 0.01	< 10	3.10
6111	205	294	< 5	-----	< 0.2	0.04	< 2	< 10	1.0	< 2	3.58	0.5	2	99	6	8.49	< 10	< 1	< 0.01	< 10	2.89
6112	205	294	< 5	-----	< 0.2	0.14	< 2	< 10	1.0	< 2	6.69	< 0.5	1	85	6	8.19	< 10	< 1	< 0.01	< 10	3.75
6113	205	294	50	-----	< 0.2	0.20	< 2	< 10	< 0.5	< 2	5.78	< 0.5	2	83	10	10.05	< 10	< 1	< 0.01	< 10	3.75
6114	205	294	10	-----	< 0.2	0.47	< 2	< 10	< 0.5	< 2	1.77	0.5	7	84	13	>15.00	< 10	< 1	0.02	< 10	2.84
6115	205	294	< 5	-----	< 0.2	0.27	< 2	< 10	< 0.5	< 2	3.30	0.5	4	82	43	14.05	< 10	< 1	< 0.01	< 10	3.25
6116	205	294	< 5	-----	1.2	0.63	28	10	< 0.5	< 2	1.75	7.0	13	48	137	12.40	< 10	< 1	0.23	< 10	1.15
6117	205	294	< 5	-----	< 0.2	0.31	10	30	< 0.5	< 2	1.76	2.5	13	72	129	>15.00	10	< 1	0.19	< 10	2.14
6118	205	294	< 5	-----	0.4	2.64	< 2	10	< 0.5	< 2	0.13	0.5	12	169	45	11.50	10	< 1	0.13	< 10	1.82

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 21-SEP-94
Invoice No. : I9425718
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9425718

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
6096	205	294	135	24	< 0.01	94	200	44	24	2	7	< 0.01	< 10	< 10	40	< 10	930	400
6097	205	294	245	14	0.01	156	210	18	22	2	25	< 0.01	< 10	< 10	23	10	620	250
6098	205	294	115	12	0.01	85	270	8	8	4	9	< 0.01	< 10	< 10	13	< 10	266	110
6099	205	294	425	154	0.01	368	1000	64	26	3	29	< 0.01	< 10	< 10	459	30	4090	1900
6100	205	294	4580	62	< 0.01	108	3040	8	16	2	74	< 0.01	< 10	< 10	405	30	440	110
6101	205	294	2440	126	0.01	197	2200	26	18	3	39	< 0.01	< 10	< 10	628	30	2230	470
6102	205	294	410	17	0.01	114	190	24	14	2	45	< 0.01	< 10	< 10	26	10	782	460
6103	205	294	880	67	< 0.01	146	1550	10	12	3	37	< 0.01	< 10	< 10	202	20	2300	510
6104	205	294	1725	106	0.01	112	1810	22	16	4	47	< 0.01	< 10	< 10	204	20	2590	770
6105	205	294	245	13	< 0.01	146	210	348	12	3	21	< 0.01	< 10	< 10	15	< 10	764	210
6106	205	294	240	12	0.01	97	250	10	12	2	20	< 0.01	< 10	< 10	14	10	594	160
6107	205	294	2080	10	< 0.01	23	280	< 2	14	1	84	< 0.01	< 10	< 10	16	30	62	10
6108	205	294	2170	< 1	< 0.01	4	140	< 2	14	1	49	< 0.01	< 10	< 10	10	30	46	10
6109	205	294	2230	< 1	< 0.01	4	140	< 2	12	1	49	< 0.01	< 10	< 10	10	30	48	10
6110	205	294	1785	< 1	< 0.01	4	90	< 2	14	3	24	< 0.01	< 10	< 10	8	30	36	10
6111	205	294	1965	< 1	< 0.01	2	190	< 2	8	1	40	< 0.01	< 10	< 10	8	20	28	10
6112	205	294	2430	< 1	< 0.01	3	140	< 2	8	1	73	< 0.01	< 10	< 10	14	20	34	20
6113	205	294	3020	< 1	< 0.01	2	120	< 2	12	1	50	< 0.01	< 10	< 10	17	30	40	10
6114	205	294	6580	< 1	< 0.01	6	300	< 2	16	2	23	< 0.01	< 10	< 10	31	30	70	10
6115	205	294	5740	1	< 0.01	20	350	< 2	16	1	83	< 0.01	< 10	< 10	23	30	66	10
6116	205	294	530	24	0.01	87	530	140	16	2	42	< 0.01	< 10	< 10	32	20	1120	340
6117	205	294	2310	3	0.01	30	2360	< 2	16	2	70	< 0.01	< 10	< 10	16	30	330	10
6118	205	294	465	2	< 0.01	40	270	< 2	8	5	6	0.01	< 10	< 10	77	10	172	20

CERTIFICATION: Ian Bickle

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.
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Comments: ATTN: J. BURGESS CC: J. BURGESS

REÇU/RECEIVED
30 -09- 1994

A9426609

CERTIFICATE A9426609

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 26-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
234	1	Splitting charge
207	1	Assay pulv, screen -150, roll

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
881	1	Au g/t: Total, metallics calc.	FA-AAS/GRAV	0.07	500.00
885	1	Au- g/t: Metallics calc.	FA-AAS/GRAV	0.07	500.00
887	1	Au+ mg: Metallics calculation	FA-AAS/GRAV	0.002	50.000
889	1	Weight- g: Metallics calculation	BALANCE	1	N/A
888	1	Weight+ g: Metallics calculation	BALANCE	0.01	N/A

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Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number :1
Total Pages :1
Certificate Date: 26-SEP-94
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CERTIFICATE OF ANALYSIS A9426609

SAMPLE	PREP CODE		Au tot g/t	Au - g/t	Au + mg	Wt. - grams	Wt. + grams					
6071	234	207	2.84	1.58	0.246	180	6.72					

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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TORONTO, ON
M5J 2S1

A9425717

Comments: ATTN: J. BURGESS CC: J. BURGESS

CERTIFICATE A9425717

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 14-OCT-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	120	Geochem ring to approx 150 mesh
294	120	Crush and split (6-10 pounds)
229	120	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	120	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	120	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	120	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	120	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	120	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	120	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	120	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	120	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	120	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	120	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	120	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	120	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	120	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	120	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	120	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	120	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	120	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	120	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	120	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	120	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	120	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	120	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	120	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	120	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	120	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	120	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	120	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	120	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	120	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	120	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	120	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	120	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	120	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	120	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number :1-A
Total Pages :3
Certificate Date: 19-SEP-94
Invoice No. : I9425717
P.O. Number :
Account :LZV

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CERTIFICATE OF ANALYSIS A9425717

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5748	205	294	< 5	< 0.2	0.07	< 2	< 10	< 0.5	< 2	8.03	0.5	2	27	8	10.75	10	< 1	0.02	< 10	4.87	4030
5749	205	294	10	< 0.2	0.20	< 2	< 10	< 0.5	< 2	2.73	0.5	4	92	10	13.35	10	< 1	0.01	< 10	3.01	4780
5750	205	294	< 5	< 0.2	0.16	< 2	< 10	< 0.5	< 2	5.42	< 0.5	3	92	7	10.10	10	< 1	0.03	< 10	4.00	3720
5751	205	294	< 5	< 0.2	0.12	< 2	< 10	< 0.5	< 2	5.28	0.5	4	67	10	11.45	10	< 1	0.02	< 10	4.22	4250
5752	205	294	< 5	< 0.2	0.13	< 2	< 10	< 0.5	< 2	5.75	0.5	3	76	9	11.80	10	< 1	0.02	< 10	4.43	4600
5753	205	294	30	< 0.2	0.25	< 2	< 10	< 0.5	< 2	5.45	0.5	4	96	12	13.45	10	< 1	0.03	< 10	4.29	5560
5754	205	294	50	< 0.2	0.20	< 2	< 10	< 0.5	< 2	3.41	0.5	4	123	11	13.70	10	< 1	0.01	< 10	3.40	5460
5816	205	294	< 5	1.4	1.27	< 2	10	< 0.5	< 2	2.81	1.0	11	54	102	8.51	10	< 1	0.23	10	2.11	540
5819	205	294	< 5	1.6	1.25	< 2	10	< 0.5	< 2	0.38	1.0	11	71	98	7.84	10	< 1	0.28	20	0.68	155
5822	205	294	35	1.4	0.86	118	20	< 0.5	< 2	0.77	2.5	35	100	111	>15.00	10	< 1	0.25	< 10	0.64	180
5825	205	294	5	1.2	0.76	4	10	< 0.5	< 2	2.56	2.0	18	55	150	8.28	< 10	< 1	0.29	10	1.55	310
5828	205	294	< 5	1.4	0.68	18	10	< 0.5	< 2	0.82	1.5	22	72	137	8.11	< 10	< 1	0.29	10	0.48	120
5830	205	294	< 5	1.2	0.70	14	10	< 0.5	< 2	1.22	2.0	21	66	109	7.25	< 10	< 1	0.27	< 10	0.77	145
5833	205	294	< 5	1.2	0.95	12	10	< 0.5	2	0.84	3.0	13	54	209	9.88	< 10	< 1	0.30	< 10	0.58	125
5836	205	294	15	1.4	0.98	68	10	< 0.5	< 2	1.69	5.0	18	83	218	9.95	10	< 1	0.22	< 10	1.06	260
5839	205	294	40	1.4	0.66	252	10	< 0.5	< 2	2.62	16.0	18	82	175	11.60	< 10	< 1	0.20	10	1.44	525
5842	205	294	40	1.6	0.68	258	10	< 0.5	< 2	1.26	10.5	18	80	200	13.75	10	< 1	0.21	10	0.67	195
5845	205	294	10	1.4	0.76	48	10	< 0.5	< 2	2.48	4.0	16	41	185	9.33	< 10	< 1	0.17	10	1.35	330
5848	205	294	10	1.4	1.15	42	20	< 0.5	2	0.60	1.5	20	48	128	9.77	< 10	1	0.26	< 10	0.47	75
5851	205	294	5	1.2	1.15	36	10	< 0.5	2	0.30	2.0	24	44	79	9.09	< 10	< 1	0.26	< 10	0.39	40
5854	205	294	< 5	1.2	0.90	20	10	< 0.5	< 2	1.00	1.5	19	38	85	8.27	< 10	< 1	0.25	< 10	0.74	155
5857	205	294	< 5	1.6	0.93	12	10	< 0.5	< 2	0.61	2.0	21	40	79	7.41	< 10	< 1	0.23	10	0.59	100
5860	205	294	15	1.2	0.99	48	20	< 0.5	< 2	0.20	3.0	24	36	149	10.60	< 10	< 1	0.31	< 10	0.37	55
5863	205	294	< 5	1.6	0.64	10	10	< 0.5	< 2	0.73	1.5	20	31	108	7.30	< 10	< 1	0.28	10	0.47	120
5866	205	294	35	1.2	0.99	122	20	< 0.5	< 2	0.12	2.5	25	56	124	>15.00	< 10	< 1	0.23	< 10	0.42	70
5868	205	294	260	< 0.2	0.21	< 2	< 10	< 0.5	< 2	3.54	0.5	3	123	39	>15.00	10	< 1	< 0.01	< 10	3.55	4210
5869	205	294	35	< 0.2	0.14	< 2	< 10	< 0.5	< 2	4.84	0.5	3	114	20	13.20	10	< 1	< 0.01	< 10	3.77	3510
5870	205	294	2750	< 0.2	0.23	< 2	< 10	< 0.5	< 2	2.82	0.5	5	96	22	>15.00	10	< 1	0.01	< 10	3.32	4470
5871	205	294	< 5	0.2	0.37	< 2	< 10	< 0.5	< 2	2.64	< 0.5	6	71	13	>15.00	10	< 1	0.01	< 10	3.03	7170
5872	205	294	10	0.2	0.49	4	< 10	< 0.5	< 2	3.03	< 0.5	7	85	15	>15.00	10	< 1	0.01	< 10	3.12	8030
5873	205	294	< 5	< 0.2	0.42	6	< 10	< 0.5	< 2	2.17	< 0.5	8	95	14	>15.00	10	< 1	< 0.01	< 10	2.87	8260
5874	205	294	< 5	0.4	0.60	< 2	< 10	< 0.5	< 2	2.82	< 0.5	8	85	16	>15.00	10	< 1	0.01	< 10	3.38	9400
5875	205	294	< 5	0.2	0.72	< 2	< 10	< 0.5	< 2	3.51	0.5	8	91	15	>15.00	10	< 1	< 0.01	< 10	3.17	8930
5876	205	294	< 5	0.4	0.61	< 2	< 10	< 0.5	< 2	3.39	< 0.5	7	106	16	14.70	10	< 1	0.01	< 10	3.03	8540
5877	205	294	< 5	0.4	0.86	< 2	10	< 0.5	< 2	2.54	0.5	8	76	17	>15.00	10	< 1	0.27	< 10	3.27	8680
5878	205	294	< 5	0.4	2.52	< 2	60	< 0.5	< 2	2.28	0.5	17	116	57	11.30	10	< 1	1.29	10	2.50	4180
5879	205	294	5	0.6	2.15	2	70	< 0.5	< 2	0.28	0.5	17	68	64	7.78	10	< 1	1.58	30	1.10	745
5892	205	294	< 5	0.4	1.57	< 2	20	< 0.5	< 2	0.15	< 0.5	8	45	25	3.46	< 10	< 1	0.33	20	0.75	170
5893	205	294	< 5	0.2	1.91	6	20	< 0.5	< 2	1.74	0.5	16	160	56	4.65	< 10	2	0.18	10	1.74	455
5894	205	294	< 5	0.2	1.01	< 2	20	< 0.5	< 2	0.08	< 0.5	10	45	36	2.97	< 10	< 1	0.30	20	0.57	170

CERTIFICATION: Hart Bichler

** Sample description 5863 corrected

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 19-SEP-94
Invoice No. :I9425717
P.O. Number :
Account :LZV

** Corrected Copy

CERTIFICATE OF ANALYSIS A9425717

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5748	205 294	< 1	< 0.01	< 1	140	4	8	< 1	81	< 0.01	< 10	< 10	13	< 10	20	20
5749	205 294	< 1	< 0.01	2	280	< 2	12	1	39	< 0.01	< 10	< 10	19	< 10	14	10
5750	205 294	< 1	< 0.01	2	140	< 2	8	< 1	35	< 0.01	< 10	< 10	18	< 10	8	10
5751	205 294	< 1	< 0.01	3	180	< 2	10	< 1	34	< 0.01	< 10	< 10	15	< 10	6	10
5752	205 294	< 1	< 0.01	2	280	< 2	8	< 1	73	< 0.01	< 10	< 10	15	< 10	8	10
5753	205 294	< 1	0.01	1	230	2	10	1	120	< 0.01	< 10	< 10	25	< 10	16	10
5754	205 294	< 1	< 0.01	1	230	< 2	10	1	59	< 0.01	< 10	< 10	21	< 10	18	10
5816	205 294	5	0.02	85	210	8	10	3	31	< 0.01	< 10	< 10	15	< 10	184	70
5819	205 294	10	0.02	81	300	18	8	3	9	< 0.01	< 10	< 10	16	< 10	374	110
5822	205 294	15	0.01	106	170	58	20	2	14	< 0.01	< 10	< 10	23	< 10	592	540
5825	205 294	10	0.02	104	230	8	6	3	33	< 0.01	< 10	< 10	14	< 10	588	190
5828	205 294	11	0.02	118	340	16	10	2	15	< 0.01	< 10	< 10	13	< 10	610	270
5830	205 294	9	0.02	101	260	10	6	2	19	< 0.01	< 10	< 10	13	< 10	588	260
5833	205 294	10	0.02	147	490	2	8	3	12	< 0.01	< 10	< 10	16	< 10	804	160
5836	205 294	29	0.03	122	400	18	8	2	14	< 0.01	< 10	10	48	< 10	972	470
5839	205 294	72	0.03	190	540	38	16	2	16	< 0.01	< 10	20	165	< 10	2280	1250
5842	205 294	67	0.03	196	310	42	18	2	12	< 0.01	< 10	10	142	< 10	1665	1400
5845	205 294	11	0.04	104	150	16	10	1	18	< 0.01	< 10	< 10	16	< 10	896	370
5848	205 294	11	0.03	101	170	14	12	2	11	< 0.01	< 10	< 10	19	< 10	500	240
5851	205 294	9	0.02	85	190	14	6	2	7	< 0.01	< 10	< 10	18	< 10	536	220
5854	205 294	9	0.02	85	200	14	8	2	12	< 0.01	< 10	< 10	14	< 10	462	150
5857	205 294	9	0.01	72	280	8	6	2	13	< 0.01	< 10	< 10	11	< 10	508	90
5860	205 294	14	0.01	164	510	24	14	2	8	< 0.01	< 10	10	19	< 10	888	250
5863	205 294	11	0.01	95	310	6	8	2	16	< 0.01	< 10	< 10	10	< 10	578	140
5866	205 294	18	0.01	115	200	44	20	2	5	< 0.01	< 10	< 10	29	< 10	728	540
5868	205 294	< 1	< 0.01	5	220	< 2	12	1	56	< 0.01	< 10	< 10	21	< 10	68	10
5869	205 294	< 1	< 0.01	2	150	< 2	6	< 1	71	< 0.01	< 10	< 10	15	< 10	56	10
5870	205 294	< 1	< 0.01	2	180	< 2	12	1	47	< 0.01	< 10	< 10	19	< 10	70	20
5871	205 294	< 1	< 0.01	3	320	< 2	12	1	27	< 0.01	< 10	< 10	31	< 10	56	10
5872	205 294	< 1	< 0.01	4	380	< 2	16	2	22	< 0.01	< 10	< 10	37	< 10	56	10
5873	205 294	< 1	< 0.01	6	360	< 2	14	2	15	< 0.01	< 10	< 10	31	< 10	54	10
5874	205 294	< 1	< 0.01	6	450	< 2	14	2	16	< 0.01	< 10	10	41	< 10	58	20
5875	205 294	< 1	< 0.01	7	310	< 2	14	2	20	0.01	< 10	10	46	< 10	52	10
5876	205 294	< 1	< 0.01	6	340	< 2	14	2	24	0.01	< 10	10	43	< 10	52	10
5877	205 294	< 1	0.04	6	360	< 2	16	3	29	0.02	< 10	< 10	57	< 10	58	10
5878	205 294	1	0.01	32	270	4	6	6	73	0.15	< 10	< 10	87	< 10	104	10
5879	205 294	3	< 0.01	49	240	12	6	2	12	0.17	< 10	< 10	75	< 10	202	30
5892	205 294	< 1	< 0.01	25	210	26	2	1	11	0.01	< 10	< 10	10	< 10	60	10
5893	205 294	< 1	< 0.01	39	430	2	2	2	55	< 0.01	< 10	< 10	27	< 10	66	10
5894	205 294	< 1	< 0.01	32	200	20	2	< 1	7	< 0.01	< 10	< 10	6	< 10	58	20

CERTIFICATION: Hart Bichler

** Sample description 5863 corrected

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 19-SEP-94
Invoice No. :I9425717
P.O. Number :
Account :LZV

** Corrected Copy

CERTIFICATE OF ANALYSIS A9425717

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
5895	205	294	< 5	0.4	1.46	< 2	20	< 0.5	4	0.15	< 0.5	11	50	33	3.72	< 10	< 1	0.34	20	0.73	160
5896	205	294	< 5	0.6	1.27	< 2	60	< 0.5	2	0.68	0.5	10	77	59	4.50	< 10	1	0.80	10	0.95	300
5897	205	294	< 5	0.2	1.42	< 2	30	< 0.5	< 2	0.09	< 0.5	12	43	51	3.59	10	< 1	0.39	30	0.67	110
5898	205	294	< 5	0.4	1.74	< 2	30	< 0.5	< 2	0.10	< 0.5	8	77	30	3.80	< 10	< 1	0.44	20	0.85	105
5964	205	294	< 5	0.4	0.66	< 2	< 10	< 0.5	< 2	4.99	0.5	9	56	15	>15.00	10	< 1	0.01	< 10	4.27	8370
5965	205	294	< 5	0.2	0.40	< 2	< 10	< 0.5	< 2	2.89	< 0.5	6	80	12	14.90	10	< 1	< 0.01	< 10	3.23	7780
5966	205	294	< 5	0.4	0.41	< 2	< 10	< 0.5	< 2	3.55	0.5	7	82	12	13.75	10	< 1	< 0.01	< 10	3.25	7670
5967	205	294	85	0.6	0.84	< 2	< 10	< 0.5	< 2	3.30	0.5	10	86	19	>15.00	10	< 1	0.02	< 10	3.23	9890
5968	205	294	< 5	0.2	0.88	12	< 10	< 0.5	< 2	2.83	< 0.5	9	102	22	>15.00	10	< 1	0.02	< 10	4.07	7570
5969	205	294	< 5	< 0.2	0.42	< 2	< 10	< 0.5	< 2	2.69	< 0.5	7	104	14	14.65	10	< 1	< 0.01	< 10	3.94	4330
5970	205	294	< 5	0.2	0.65	< 2	< 10	< 0.5	< 2	1.80	< 0.5	7	96	16	>15.00	10	< 1	< 0.01	< 10	4.25	5750
5971	205	294	< 5	< 0.2	0.71	2	< 10	< 0.5	< 2	2.03	0.5	7	85	16	>15.00	10	< 1	< 0.01	< 10	4.68	5990
5972	205	294	< 5	< 0.2	0.77	18	< 10	< 0.5	< 2	1.56	0.5	8	82	17	>15.00	10	< 1	0.01	< 10	4.59	7240
5973	205	294	< 5	< 0.2	0.54	< 2	< 10	< 0.5	< 2	2.16	0.5	7	99	16	13.50	< 10	< 1	0.13	< 10	3.82	4470
5974	205	294	< 5	< 0.2	0.61	< 2	< 10	< 0.5	< 2	2.70	0.5	7	78	15	>15.00	10	< 1	0.20	< 10	4.62	5660
5975	205	294	< 5	0.2	1.96	< 2	10	< 0.5	< 2	1.75	0.5	12	112	42	14.90	10	< 1	0.46	< 10	3.59	6460
5976	205	294	< 5	0.8	1.06	< 2	50	< 0.5	< 2	2.68	0.5	10	72	21	>15.00	10	< 1	0.62	< 10	4.32	>10000
5977	205	294	< 5	0.4	0.36	796	< 10	< 0.5	< 2	1.95	< 0.5	13	72	211	>15.00	10	< 1	< 0.01	< 10	4.01	8730
5978	205	294	< 5	< 0.2	0.19	4	< 10	< 0.5	< 2	4.99	< 0.5	5	65	13	>15.00	10	< 1	0.04	< 10	4.00	5210
5979	205	294	< 5	0.2	0.15	< 2	< 10	< 0.5	< 2	6.79	0.5	5	42	11	14.95	10	< 1	0.04	< 10	4.56	6150
5980	205	294	< 5	< 0.2	0.10	< 2	< 10	< 0.5	< 2	4.22	0.5	6	93	12	>15.00	10	< 1	0.01	< 10	4.43	6050
5981	205	294	< 5	< 0.2	0.07	< 2	< 10	< 0.5	< 2	1.22	0.5	4	98	13	>15.00	10	< 1	0.02	< 10	4.84	6260
5982	205	294	< 5	< 0.2	0.03	< 2	< 10	< 0.5	< 2	1.23	< 0.5	4	92	12	>15.00	10	< 1	< 0.01	< 10	4.19	5880
5983	205	294	265	< 0.2	0.06	2	< 10	< 0.5	< 2	1.20	0.5	6	132	13	>15.00	10	< 1	0.01	< 10	3.74	5570
5984	205	294	100	0.2	0.06	< 2	< 10	< 0.5	< 2	2.14	0.5	4	94	14	>15.00	10	< 1	0.02	< 10	3.66	6430
6000	205	294	< 5	< 0.2	3.66	12	50	< 0.5	< 2	1.66	0.5	34	187	134	6.84	10	< 1	0.25	< 10	3.14	465
6001	205	294	< 5	< 0.2	3.02	30	20	< 0.5	< 2	3.53	0.5	31	169	154	6.88	< 10	< 1	0.19	< 10	3.20	705
6002	205	294	10	0.4	1.88	48	20	< 0.5	< 2	1.37	6.5	32	130	190	12.10	10	< 1	0.31	< 10	1.50	460
6003	205	294	40	1.4	1.80	92	20	< 0.5	< 2	0.33	2.0	23	98	131	>15.00	10	< 1	0.44	20	0.73	115
6004	205	294	< 5	0.8	2.13	16	30	< 0.5	< 2	0.84	2.0	34	147	176	11.40	10	1	0.37	< 10	1.34	290
6005	205	294	< 5	0.8	2.29	2	40	< 0.5	2	0.35	2.0	25	76	122	8.12	< 10	< 1	0.49	< 10	1.04	135
6006	205	294	< 5	1.2	2.08	< 2	40	< 0.5	< 2	0.45	2.5	16	90	184	9.93	< 10	< 1	0.46	< 10	0.84	145
6007	205	294	< 5	1.6	2.46	10	40	< 0.5	< 2	0.51	2.0	18	116	130	9.75	10	< 1	0.38	10	1.21	220
6008	205	294	< 5	1.6	2.03	6	30	< 0.5	< 2	0.41	2.0	19	119	98	7.86	10	< 1	0.39	10	0.78	180
6009	205	294	< 5	1.4	2.07	14	30	< 0.5	< 2	0.39	3.0	32	138	118	8.87	10	< 1	0.44	10	0.67	175
6010	205	294	< 5	1.6	1.99	22	20	< 0.5	< 2	1.01	2.0	22	116	131	8.31	< 10	< 1	0.40	< 10	1.07	535
6011	205	294	115	2.6	1.90	92	20	< 0.5	< 2	0.56	2.5	33	189	161	>15.00	10	< 1	0.50	10	0.79	420
6012	205	294	35	2.2	1.78	68	20	< 0.5	< 2	0.27	7.0	31	132	346	>15.00	10	< 1	0.35	10	0.70	420
6013	205	294	40	1.8	1.69	6	20	< 0.5	< 2	1.86	6.0	14	200	427	>15.00	10	< 1	0.38	< 10	1.46	2890
6014	205	294	80	2.2	0.93	150	20	< 0.5	< 2	2.77	12.5	7	195	428	14.80	10	< 1	0.20	< 10	1.93	6830

CERTIFICATION: Stuart Bichler

** Sample description 5863 corrected

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
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PHONE: 905-624-2806

J: K[illegible]COT[illegible]ADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number :2-B
Total Pages :3
Certificate Date: 19-SEP-94
Invoice No. :I9425717
P.O. Number :
Account :LZV

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CERTIFICATE OF ANALYSIS A9425717

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5895	205 294	< 1	< 0.01	32	210	6	2	1	11	0.01	< 10	< 10	10	< 10	68	10
5896	205 294	3	0.01	39	1200	26	2	1	57	0.04	< 10	< 10	18	< 10	88	20
5897	205 294	1	0.01	34	210	8	< 2	1	10	0.01	< 10	< 10	11	< 10	68	20
5898	205 294	< 1	< 0.01	24	190	28	2	1	6	0.02	< 10	< 10	11	< 10	66	20
5964	205 294	< 1	< 0.01	6	320	< 2	14	2	32	< 0.01	< 10	< 10	41	< 10	56	30
5965	205 294	< 1	< 0.01	3	280	< 2	12	1	16	< 0.01	< 10	10	29	< 10	48	20
5966	205 294	< 1	< 0.01	6	240	< 2	8	1	19	< 0.01	< 10	< 10	29	< 10	46	10
5967	205 294	< 1	0.01	11	430	< 2	12	3	22	0.01	< 10	10	52	< 10	60	10
5968	205 294	< 1	< 0.01	10	440	< 2	14	3	18	0.01	< 10	< 10	52	< 10	64	10
5969	205 294	< 1	< 0.01	4	340	< 2	12	2	16	< 0.01	< 10	< 10	34	< 10	60	20
5970	205 294	< 1	< 0.01	7	380	< 2	14	2	11	0.01	< 10	< 10	52	< 10	72	10
5971	205 294	< 1	< 0.01	6	440	< 2	16	2	12	< 0.01	< 10	< 10	57	< 10	76	10
5972	205 294	< 1	< 0.01	8	450	< 2	14	3	10	< 0.01	< 10	< 10	69	< 10	68	30
5973	205 294	< 1	0.01	7	310	< 2	10	2	15	0.01	< 10	< 10	49	< 10	50	20
5974	205 294	< 1	0.01	7	390	< 2	14	2	25	0.02	< 10	< 10	55	< 10	70	30
5975	205 294	< 1	0.03	24	370	< 2	8	5	30	0.05	< 10	< 10	101	< 10	90	40
5976	205 294	< 1	0.13	12	390	< 2	12	4	55	0.02	< 10	30	77	< 10	78	60
5977	205 294	< 1	< 0.01	99	260	< 2	16	2	50	< 0.01	< 10	< 10	27	< 10	108	20
5978	205 294	< 1	0.02	3	170	< 2	14	1	49	< 0.01	< 10	< 10	19	< 10	56	10
5979	205 294	< 1	0.01	1	240	< 2	8	1	59	< 0.01	< 10	< 10	17	< 10	50	20
5980	205 294	< 1	0.01	1	140	< 2	12	1	52	< 0.01	< 10	< 10	16	< 10	64	20
5981	205 294	< 1	0.01	< 1	90	< 2	16	1	18	< 0.01	< 10	< 10	15	< 10	72	10
5982	205 294	< 1	< 0.01	< 1	60	< 2	14	1	18	< 0.01	< 10	< 10	13	< 10	58	10
5983	205 294	< 1	0.01	< 1	60	< 2	16	1	26	< 0.01	< 10	< 10	12	< 10	68	20
5984	205 294	< 1	0.01	< 1	110	< 2	16	1	41	< 0.01	< 10	< 10	13	< 10	70	40
6000	205 294	< 1	0.06	68	330	2	4	13	19	< 0.01	< 10	< 10	135	< 10	172	10
6001	205 294	< 1	0.08	67	270	4	4	14	35	< 0.01	< 10	< 10	119	< 10	258	10
6002	205 294	13	0.02	87	260	20	14	4	20	< 0.01	< 10	< 10	62	< 10	1170	220
6003	205 294	19	0.03	142	350	62	18	3	10	< 0.01	< 10	< 10	55	< 10	754	350
6004	205 294	7	0.04	133	380	14	8	5	15	< 0.01	< 10	< 10	36	< 10	758	130
6005	205 294	5	0.06	113	560	16	8	6	11	< 0.01	< 10	< 10	30	< 10	752	140
6006	205 294	8	0.09	141	490	14	6	5	17	< 0.01	< 10	< 10	31	< 10	792	150
6007	205 294	11	0.12	102	420	20	8	6	23	< 0.01	< 10	< 10	47	< 10	502	90
6008	205 294	11	0.12	82	380	12	6	4	23	< 0.01	< 10	< 10	30	< 10	582	90
6009	205 294	9	0.15	98	360	24	6	4	27	< 0.01	< 10	< 10	30	< 10	782	130
6010	205 294	9	0.10	88	370	22	6	4	28	< 0.01	< 10	< 10	27	< 10	602	60
6011	205 294	17	0.04	145	300	66	18	4	17	< 0.01	< 10	< 10	58	< 10	620	280
6012	205 294	29	0.02	216	280	62	20	3	10	< 0.01	< 10	< 10	128	< 10	1235	220
6013	205 294	56	0.02	158	1780	26	16	4	42	< 0.01	< 10	10	398	< 10	950	90
6014	205 294	93	0.01	139	3130	34	18	2	61	< 0.01	< 10	40	496	< 10	1745	210

CERTIFICATION: Jan Bichler

** Sample description 5863 corrected

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
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PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number :3-A
Total Pages :3
Certificate Date: 19-SEP-94
Invoice No. : I9425717
P.O. Number :
Account :LZV

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CERTIFICATE OF ANALYSIS A9425717

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
6015	205	294	20	0.6	1.22	76	< 10	< 0.5	< 2	2.90	2.0	10	121	225	>15.00	10	< 1	0.01	< 10	2.32	7040
6016	205	294	65	0.2	1.35	74	< 10	< 0.5	< 2	2.84	5.0	9	128	153	>15.00	10	< 1	0.01	10	2.23	7390
6017	205	294	140	0.2	1.47	46	< 10	< 0.5	< 2	2.95	8.0	11	167	136	>15.00	20	< 1	0.02	10	2.05	>10000
6018	205	294	20	1.2	1.90	4	20	< 0.5	< 2	0.61	7.5	37	90	353	>15.00	20	< 1	0.30	10	1.05	285
6019	205	294	< 5	1.2	2.44	10	40	< 0.5	< 2	0.54	2.0	23	113	148	10.40	10	< 1	0.53	10	1.19	335
6020	205	294	< 5	1.4	2.17	24	40	< 0.5	< 2	0.49	2.0	35	125	157	12.25	10	< 1	0.49	10	0.86	190
6021	205	294	< 5	1.4	1.59	10	10	< 0.5	< 2	0.33	1.0	12	100	131	9.55	10	< 1	0.17	10	0.89	195
6022	205	294	20	2.2	1.49	50	10	< 0.5	< 2	0.47	2.0	34	95	123	12.65	10	< 1	0.21	< 10	0.83	405
6023	205	294	15	2.0	1.38	20	20	< 0.5	< 2	1.67	10.0	10	110	334	12.60	10	< 1	0.21	< 10	1.27	2240
6024	205	294	70	2.2	0.97	198	20	< 0.5	< 2	2.15	17.5	16	96	563	>15.00	10	< 1	0.20	< 10	1.53	6950
6025	205	294	55	1.4	1.11	80	< 10	< 0.5	< 2	3.41	6.5	11	101	249	>15.00	10	< 1	0.01	< 10	2.40	9400
6026	205	294	1940	0.8	1.38	98	< 10	< 0.5	< 2	2.75	3.5	12	118	174	>15.00	10	< 1	< 0.01	10	2.13	7150
6027	205	294	115	0.8	1.30	22	< 10	< 0.5	< 2	4.26	5.5	20	94	361	>15.00	10	< 1	< 0.01	< 10	1.93	>10000
6028	205	294	40	0.4	1.07	20	< 10	< 0.5	< 2	2.97	7.5	11	127	187	>15.00	10	< 1	0.02	10	1.81	9830
6029	205	294	15	0.8	0.95	6	20	< 0.5	< 2	1.53	3.0	21	61	185	13.25	10	< 1	0.22	10	1.80	2120
6030	205	294	15	0.4	1.08	20	30	< 0.5	< 2	1.81	1.0	21	78	117	14.25	10	< 1	0.20	< 10	2.13	2440
6031	205	294	25	1.2	1.19	< 2	10	< 0.5	< 2	1.73	3.5	30	86	204	13.95	10	< 1	0.17	< 10	1.01	2630
6032	205	294	15	1.2	1.02	4	< 10	< 0.5	< 2	0.41	1.0	9	60	108	9.72	10	< 1	0.12	< 10	0.58	140
6033	205	294	10	1.2	1.05	4	< 10	< 0.5	< 2	0.75	1.5	12	66	131	10.45	10	< 1	0.13	< 10	0.81	225
6034	205	294	10	0.8	1.15	14	< 10	< 0.5	< 2	0.39	1.5	21	63	86	8.55	10	< 1	0.14	< 10	0.72	130
6035	205	294	< 5	1.0	1.07	12	10	< 0.5	< 2	0.77	1.5	17	63	138	9.77	10	< 1	0.19	< 10	0.85	150
6036	205	294	15	0.8	1.25	28	10	< 0.5	< 2	0.28	2.0	22	65	156	11.10	10	< 1	0.28	< 10	0.63	80
6037	205	294	< 5	1.2	0.75	4	10	< 0.5	< 2	0.68	3.0	36	48	214	12.20	10	< 1	0.20	< 10	0.60	115
6038	205	294	< 5	0.8	0.74	14	10	0.5	2	0.59	1.5	17	61	130	7.90	10	< 1	0.21	< 10	0.50	155
6039	205	294	< 5	0.8	0.82	12	10	< 0.5	< 2	0.61	2.0	13	55	141	8.33	10	< 1	0.23	< 10	0.55	135
6040	205	294	20	0.8	0.86	146	10	< 0.5	< 2	1.42	12.0	25	93	134	12.65	10	< 1	0.27	< 10	0.90	405
6041	205	294	20	0.8	0.50	66	10	< 0.5	< 2	1.14	2.0	16	43	124	9.45	10	< 1	0.23	< 10	0.63	185
6042	205	294	30	1.0	0.90	34	10	< 0.5	< 2	0.68	2.0	29	46	214	>15.00	20	< 1	0.12	< 10	1.03	670
6043	205	294	30	< 0.2	0.18	< 2	< 10	< 0.5	< 2	6.71	< 0.5	2	74	46	11.65	< 10	< 1	< 0.01	< 10	3.84	3820
6044	205	294	470	< 0.2	0.23	< 2	< 10	< 0.5	< 2	1.55	< 0.5	3	98	46	14.60	10	< 1	0.01	< 10	2.36	5580
6045	205	294	< 5	< 0.2	0.28	< 2	< 10	< 0.5	< 2	1.73	< 0.5	4	120	16	>15.00	10	< 1	< 0.01	< 10	2.55	7230
6046	205	294	10	0.2	2.56	6	10	< 0.5	< 2	0.52	< 0.5	15	118	28	10.65	10	< 1	0.10	< 10	2.02	1375
6047	205	294	25	0.6	0.76	30	10	< 0.5	< 2	0.65	2.0	19	64	286	>15.00	20	< 1	0.18	< 10	0.82	415
6048	205	294	60	1.4	0.51	88	10	< 0.5	< 2	0.49	1.5	21	39	102	13.50	10	< 1	0.24	10	0.41	205
6049	205	294	10	0.6	0.28	12	< 10	< 0.5	< 2	2.90	< 0.5	9	79	180	12.90	10	< 1	0.12	< 10	1.62	1555
6050	205	294	15	1.2	0.69	8	10	< 0.5	< 2	0.36	< 0.5	18	80	242	>15.00	20	< 1	0.22	< 10	0.47	230
6051	205	294	< 5	0.2	1.36	2	< 10	0.5	< 2	0.36	< 0.5	6	159	61	7.11	10	< 1	0.04	< 10	1.50	290
6052	205	294	30	1.2	0.65	56	10	< 0.5	< 2	0.89	1.5	23	44	70	10.30	10	< 1	0.26	10	0.59	285
6053	205	294	140	1.6	0.90	120	10	< 0.5	< 2	1.02	2.0	23	55	129	>15.00	10	< 1	0.29	10	0.87	430
6054	205	294	400	< 0.2	0.25	14	< 10	< 0.5	< 2	6.42	< 0.5	2	119	47	14.00	< 10	< 1	0.02	< 10	4.17	3840

CERTIFICATION: Hart Bichler

** Sample description 5863 corrected

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

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SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
6015	205	294	24	0.01	54	2080	20	18	3	53	< 0.01	< 10	< 10	277	< 10	426	30
6016	205	294	27	< 0.01	35	2190	18	18	3	52	< 0.01	< 10	< 10	354	< 10	836	80
6017	205	294	19	0.01	28	2020	16	20	3	60	< 0.01	< 10	< 10	240	< 10	1530	150
6018	205	294	23	0.03	172	340	44	20	4	11	< 0.01	< 10	< 10	98	< 10	2930	450
6019	205	294	6	0.06	137	630	26	14	6	15	< 0.01	< 10	< 10	36	< 10	1025	140
6020	205	294	8	0.09	147	640	30	16	5	19	< 0.01	< 10	< 10	37	< 10	838	120
6021	205	294	9	0.05	104	370	20	10	3	12	< 0.01	< 10	< 10	23	< 10	520	60
6022	205	294	15	0.02	123	360	46	14	3	12	< 0.01	< 10	< 10	30	< 10	648	150
6023	205	294	77	0.01	159	1080	96	18	3	37	< 0.01	< 10	< 10	330	< 10	1695	240
6024	205	294	74	0.01	163	2260	52	22	3	56	< 0.01	< 10	< 10	305	< 10	2430	330
6025	205	294	27	< 0.01	62	2640	20	18	3	67	< 0.01	< 10	< 10	259	< 10	1015	130
6026	205	294	23	< 0.01	38	2090	16	16	3	52	< 0.01	< 10	< 10	313	< 10	658	70
6027	205	294	12	0.01	53	1700	16	20	3	88	< 0.01	< 10	< 10	208	< 10	906	70
6028	205	294	16	< 0.01	28	1620	18	18	3	62	< 0.01	< 10	< 10	159	< 10	1280	120
6029	205	294	3	0.01	44	1580	32	16	2	69	< 0.01	< 10	< 10	27	< 10	374	30
6030	205	294	4	0.01	38	1670	22	18	2	86	< 0.01	< 10	< 10	31	< 10	338	10
6031	205	294	17	0.01	97	780	18	14	3	36	< 0.01	< 10	< 10	76	< 10	674	70
6032	205	294	9	0.03	114	270	42	8	2	16	< 0.01	< 10	< 10	13	< 10	516	70
6033	205	294	9	0.02	115	280	20	12	2	17	< 0.01	< 10	< 10	13	< 10	508	80
6034	205	294	9	0.02	76	280	20	12	2	10	< 0.01	< 10	< 10	15	< 10	482	110
6035	205	294	10	0.01	114	360	20	12	3	13	< 0.01	< 10	< 10	14	< 10	584	80
6036	205	294	9	0.01	151	410	32	16	3	8	< 0.01	< 10	< 10	21	< 10	930	190
6037	205	294	10	0.01	166	450	22	14	2	12	< 0.01	< 10	< 10	13	< 10	1125	160
6038	205	294	9	0.01	123	630	16	8	2	11	< 0.01	< 10	< 10	11	< 10	930	170
6039	205	294	10	0.01	133	550	14	10	3	11	< 0.01	< 10	< 10	13	< 10	958	190
6040	205	294	56	0.01	157	490	46	18	3	21	< 0.01	< 10	< 10	144	< 10	2160	560
6041	205	294	15	0.01	97	390	28	14	2	19	< 0.01	< 10	< 10	14	< 10	720	240
6042	205	294	10	< 0.01	78	300	50	24	2	18	< 0.01	< 10	< 10	23	< 10	956	220
6043	205	294	< 1	< 0.01	8	430	4	12	1	90	< 0.01	< 10	< 10	18	< 10	62	10
6044	205	294	< 1	< 0.01	8	410	8	14	1	32	< 0.01	< 10	< 10	15	< 10	76	10
6045	205	294	< 1	< 0.01	2	630	4	14	1	32	< 0.01	< 10	< 10	20	< 10	64	10
6046	205	294	2	< 0.01	39	260	6	12	3	12	< 0.01	< 10	< 10	74	< 10	174	10
6047	205	294	8	< 0.01	92	190	46	22	2	20	< 0.01	< 10	< 10	17	< 10	656	130
6048	205	294	13	< 0.01	83	190	56	20	1	15	< 0.01	< 10	< 10	14	< 10	580	250
6049	205	294	8	< 0.01	59	260	24	16	1	58	< 0.01	< 10	< 10	12	< 10	278	50
6050	205	294	15	0.01	135	360	48	26	2	13	< 0.01	< 10	< 10	23	< 10	504	110
6051	205	294	< 1	< 0.01	29	260	6	8	1	8	< 0.01	< 10	< 10	42	< 10	82	10
6052	205	294	20	0.01	82	290	46	16	2	24	< 0.01	< 10	< 10	23	< 10	656	350
6053	205	294	14	0.01	129	240	102	28	2	30	< 0.01	< 10	< 10	25	< 10	788	510
6054	205	294	< 1	0.01	7	160	4	14	1	111	< 0.01	< 10	< 10	22	< 10	74	10

CERTIFICATION: Stuart Bichler

** Sample description 5863 corrected

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

A9428321

Comments: ATN; J. BURGESS

CERTIFICATE A9428321

(LZV) - KENNECOTT CANADA, INC.

Project: 04/431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 19-OCT-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	29	Pulp; prev. prepared at Chemex
229	29	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
2118	29	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	29	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	29	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	29	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	29	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	29	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	29	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	29	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	29	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	29	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	29	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	29	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	29	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	29	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	29	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	29	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	29	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	29	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	29	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	29	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	29	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	29	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	29	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	29	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	29	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	29	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	29	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	29	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	29	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	29	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	29	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	29	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	29	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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TORONTO, ON
M5J 2S1

Project : 04/431
Comments: ATN; J. BURGESS

Page Number :1-A
Total Pages :1
Certificate Date: 19-OCT-94
Invoice No. :I9428321
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9428321

SAMPLE	PREP CODE		Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm
5581	244	229	0.2	0.03	< 2	< 10	< 0.5	< 2	9.10	0.5	5	33	7	10.90	10	< 1	0.03	< 10	5.15	5020	< 1
5586	244	229	0.2	0.27	< 2	< 10	< 0.5	< 2	4.67	1.0	5	88	20	13.20	10	< 1	0.03	< 10	3.84	5190	< 1
5592	244	229	0.4	0.26	< 2	< 10	< 0.5	4	3.83	1.0	7	115	12	12.70	10	< 1	0.01	< 10	3.28	7920	< 1
5593	244	229	0.4	0.21	2	< 10	< 0.5	< 2	2.76	0.5	4	72	13	13.65	10	< 1	0.01	< 10	2.66	9050	< 1
5594	244	229	0.8	0.36	2	< 10	< 0.5	< 2	10.10	0.5	6	39	12	11.30	10	< 1	0.02	< 10	5.72	8780	< 1
5595	244	229	0.6	0.32	< 2	< 10	< 0.5	< 2	10.70	0.5	6	30	10	11.80	10	< 1	0.02	< 10	6.25	8660	< 1
5596	244	229	0.2	0.28	< 2	< 10	< 0.5	< 2	11.85	1.0	6	29	11	10.40	< 10	< 1	0.03	< 10	6.67	5690	< 1
5597	244	229	< 0.2	0.13	< 2	< 10	< 0.5	< 2	10.30	0.5	4	44	6	6.70	< 10	< 1	0.04	< 10	5.08	2670	< 1
5598	244	229	0.6	0.25	< 2	< 10	< 0.5	< 2	9.72	0.5	6	82	10	8.50	< 10	< 1	0.01	< 10	4.96	6020	< 1
5600	244	229	< 0.2	0.28	< 2	< 10	< 0.5	< 2	10.10	0.5	6	60	15	7.81	< 10	< 1	0.02	< 10	5.16	3530	< 1
5602	244	229	0.8	1.09	< 2	< 10	< 0.5	< 2	2.46	1.5	11	79	22	>15.00	20	< 1	0.03	< 10	3.85	>10000	< 1
5604	244	229	0.6	0.43	< 2	10	< 0.5	< 2	2.42	1.0	10	55	18	>15.00	20	< 1	0.10	< 10	3.76	>10000	< 1
5606	244	229	0.6	0.55	< 2	< 10	< 0.5	< 2	2.34	0.5	8	70	15	>15.00	20	< 1	0.08	< 10	3.58	9710	< 1
5608	244	229	0.4	0.26	< 2	< 10	< 0.5	< 2	2.61	1.0	8	65	16	>15.00	20	< 1	0.05	< 10	3.50	9620	< 1
5610	244	229	0.4	0.54	6	< 10	< 0.5	< 2	3.18	< 0.5	8	80	14	13.10	10	< 1	0.04	< 10	3.18	8290	< 1
5614	244	229	0.4	0.32	4	< 10	< 0.5	< 2	4.39	1.0	7	66	14	12.75	10	< 1	0.06	< 10	3.62	8550	< 1
5619	244	229	0.2	1.69	< 2	10	< 0.5	2	2.91	0.5	10	119	25	12.70	10	< 1	0.15	< 10	3.82	4250	< 1
5623	244	229	0.2	4.43	< 2	60	< 0.5	2	6.04	0.5	31	179	98	7.10	< 10	< 1	0.62	< 10	3.82	1270	< 1
5758	244	229	0.8	0.49	< 2	< 10	< 0.5	< 2	3.62	1.0	8	68	14	13.35	10	< 1	0.01	< 10	3.14	>10000	< 1
5762	244	229	0.4	0.64	< 2	< 10	< 0.5	< 2	5.77	0.5	8	59	17	13.45	10	< 1	0.04	< 10	5.45	6220	< 1
5766	244	229	0.4	0.79	< 2	< 10	< 0.5	< 2	11.25	0.5	6	42	11	11.25	10	< 1	0.02	< 10	6.49	7270	< 1
5770	244	229	0.2	0.64	6	< 10	< 0.5	< 2	8.69	< 0.5	4	59	8	9.40	10	< 1	0.03	< 10	4.98	4970	< 1
5774	244	229	0.6	0.37	< 2	10	< 0.5	< 2	3.59	0.5	8	55	13	14.05	10	< 1	0.11	< 10	3.49	9570	< 1
5778	244	229	0.8	0.34	4	< 10	< 0.5	< 2	3.13	0.5	7	60	15	14.10	10	< 1	0.06	< 10	3.22	>10000	< 1
5782	244	229	0.6	0.59	2	< 10	< 0.5	< 2	1.58	0.5	9	67	17	>15.00	20	< 1	0.06	< 10	3.43	9660	< 1
5786	244	229	0.4	0.26	10	< 10	< 0.5	< 2	2.50	0.5	10	63	16	>15.00	20	< 1	0.09	< 10	3.90	8800	< 1
5790	244	229	0.4	0.12	< 2	< 10	< 0.5	< 2	9.03	0.5	4	53	8	9.30	< 10	< 1	0.08	< 10	4.96	5940	< 1
5794	244	229	0.8	1.06	2	< 10	< 0.5	< 2	4.89	0.5	10	57	31	>15.00	20	< 1	0.01	< 10	4.51	>10000	< 1
5798	244	229	< 0.2	0.19	< 2	20	< 0.5	< 2	1.88	0.5	6	80	43	8.05	< 10	< 1	0.08	< 10	2.25	2990	< 1

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : 04/431
Comments: ATN; J. BURGESS

Certificate Date: 19-OCT-94
Invoice No. :I9428321
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9428321

SAMPLE	PREP CODE		Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
5581*	244	229	< 0.01	1	190	< 2	10	< 1	56	< 0.01	< 10	10	16	< 10	6	10
5586	244	229	< 0.01	3	210	< 2	12	1	107	< 0.01	< 10	< 10	20	< 10	172	20
5592	244	229	< 0.01	4	290	< 2	12	1	62	0.01	< 10	10	29	< 10	16	10
5593	244	229	< 0.01	3	330	< 2	12	1	33	< 0.01	< 10	20	27	< 10	16	10
5594	244	229	< 0.01	3	410	< 2	10	2	101	0.01	< 10	10	47	< 10	14	10
5595	244	229	< 0.01	3	350	< 2	12	2	95	0.01	< 10	20	46	< 10	14	10
5596	244	229	< 0.01	2	330	< 2	12	1	114	0.01	< 10	10	42	< 10	12	20
5597	244	229	< 0.01	4	270	< 2	6	1	72	< 0.01	< 10	< 10	22	< 10	6	10
5598	244	229	< 0.01	6	420	< 2	6	1	87	< 0.01	< 10	10	35	< 10	14	20
5600	244	229	< 0.01	3	200	< 2	8	1	147	< 0.01	< 10	10	30	< 10	16	10
5602	244	229	< 0.01	11	550	< 2	18	4	30	0.01	< 10	20	92	< 10	28	10
5604	244	229	< 0.01	8	400	< 2	16	2	19	0.01	< 10	20	52	< 10	14	10
5606	244	229	< 0.01	7	410	< 2	16	2	22	0.01	< 10	20	63	< 10	14	10
5608	244	229	< 0.01	7	490	< 2	16	2	21	0.01	< 10	10	33	< 10	12	10
5610	244	229	< 0.01	7	310	< 2	12	2	25	0.01	< 10	10	44	< 10	14	10
5614	244	229	< 0.01	5	450	< 2	12	1	30	0.01	< 10	20	34	< 10	10	10
5619	244	229	0.02	13	390	< 2	12	8	32	0.02	< 10	< 10	107	< 10	22	10
5623	244	229	0.01	61	310	< 2	4	37	68	0.27	< 10	< 10	269	< 10	70	10
5758	244	229	< 0.01	6	410	< 2	14	2	47	0.01	< 10	20	59	< 10	22	10
5762	244	229	< 0.01	6	500	< 2	12	3	69	0.01	< 10	< 10	73	< 10	14	20
5766	244	229	< 0.01	4	500	< 2	8	3	100	0.01	< 10	10	83	< 10	14	10
5770	244	229	< 0.01	3	210	< 2	6	2	116	< 0.01	< 10	< 10	49	< 10	14	20
5774	244	229	< 0.01	4	370	< 2	16	2	26	0.02	< 10	10	45	< 10	14	10
5778	244	229	< 0.01	5	370	< 2	12	2	21	0.01	< 10	20	44	< 10	10	10
5782	244	229	< 0.01	9	460	< 2	12	3	14	0.01	< 10	10	64	< 10	14	10
5786	244	229	< 0.01	6	490	< 2	14	2	17	0.01	< 10	10	33	< 10	14	20
5790	244	229	< 0.01	3	350	< 2	8	1	49	0.01	< 10	10	19	< 10	6	10
5794	244	229	< 0.01	10	420	< 2	12	3	34	0.01	< 10	20	96	< 10	24	10
5798	244	229	< 0.01	3	180	< 2	8	1	17	< 0.01	< 10	< 10	21	< 10	10	30

CERTIFICATION: Stan H Bucklon

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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TORONTO, ON
M5J 2S1

A9428930

Comments: ATTN: J. PAYNE

CERTIFICATE A9428930

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 21-OCT-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
244	5	Pulp; prev. prepared at Chemex

* NOTE 1:

Code 1000 is used for repeat gold analyses It shows typical sample variability due to coarse gold effects. Each value is correct for its particular subsample.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
997	5	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	500.0
1350	1	Au check analysis		0.005	10000
1350	1	Au check analysis		0.005	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Project : K431
Comments: ATTN: J. PAYNE

Page Number : 1
Total Pages : 1
Certificate Date: 20-OCT-94
Invoice No. : I9428930
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9428930

SAMPLE	PREP CODE	Au FA g/t	Au check	Au check
5588	244 --	1.44	-----	-----
5746	244 --	1.88	-----	-----
5870	244 --	6.72	8.840	4.590
6026	244 --	1.44	-----	-----
6060	244 --	1.06	-----	-----

CERTIFICATION: Luiza Alexandre

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

EPORT: 094-42286.0 (COMPLETE)

REFERENCE: K431-94-15

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

ROJECT: K431

DATE PRINTED: 25-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Al	Aluminum	37	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
2	Fe	Iron	37	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Mn	Manganese	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mg	Magnesium	37	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Ca	Calcium	37	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Na	Sodium	37	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	K	Potassium	37	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Sc	Scandium	37	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	V	Vanadium	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Cr	Chromium	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Co	Cobalt	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Ni	Nickel	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Cu	Copper	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Zn	Zinc	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	As	Arsenic	37	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Sr	Strontium	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Y	Yttrium	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Mo	Molybdenum	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Ag	Silver	37	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Cd	Cadmium	37	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Sn	Tin	37	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sb	Antimony	37	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Te	Tellurium	37	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ba	Barium	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	La	Lanthanum	37	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	W	Tungsten	37	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Pb	Lead	37	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Bi	Bismuth	37	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Hg	Mercury	37	5 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

REPORT: 094-42286.0 (COMPLETE)

REFERENCE: K431-94-15

CLIENT: KENNECOTT CANADA INC.

PROJECT: K431

SUBMITTED BY: JOHN BURGESS

DATE PRINTED: 25-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	37	-200	37	CRUSH/SPLIT & PULV.	37

REPORT COPIES TO: MR. JOHN BURGESS
FAX: JOHN BURGESS

INVOICE TO: MR. JOHN BURGESS

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Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42286.0 (COMPLETE)

DATE PRINTED: 25-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
5140		3.33	9.22	1025	2.76	2.11	<0.01	<0.01	<5	113	131	56	91
5141		4.27	6.98	1427	3.18	4.27	<0.01	<0.01	<5	148	171	40	77
5142		4.17	6.83	1300	2.94	3.78	<0.01	<0.01	5	139	131	43	78
5143		4.46	7.03	1443	3.15	4.49	<0.01	<0.01	15	195	135	39	71
5144		4.30	6.76	1313	2.98	4.84	<0.01	0.02	14	156	122	42	73
5145		3.51	6.96	1186	2.89	5.25	<0.01	0.03	11	133	129	34	62
5146		1.09	>10.00	522	1.67	1.38	<0.01	0.08	<5	30	42	48	114
5147		2.29	>10.00	726	2.44	1.64	<0.01	0.07	5	62	78	43	88
5148		2.90	>10.00	935	2.84	1.98	0.01	0.05	8	90	89	45	76
5149		4.34	9.35	996	3.07	3.02	<0.01	0.01	18	167	131	41	62
5150		4.84	7.06	1258	3.03	5.28	0.01	<0.01	22	199	142	43	70
5151		4.43	6.44	1306	2.85	6.64	<0.01	<0.01	17	183	119	37	61
5152		4.49	6.63	1276	2.92	5.54	<0.01	<0.01	17	187	123	38	60
5153		4.75	6.85	1482	3.39	5.84	<0.01	<0.01	21	192	116	35	59
5154		3.90	6.45	1363	3.06	6.35	0.01	<0.01	18	159	110	36	66
5155		1.03	8.80	1561	2.80	7.34	0.04	0.04	7	35	64	34	65
5156		1.05	7.27	1673	2.67	8.60	0.04	0.02	8	38	69	48	49
5157		1.72	9.41	1524	3.00	5.37	0.04	0.03	8	61	70	49	71
5158		2.48	7.44	1524	3.04	5.93	0.04	0.02	14	103	90	39	68
5159		2.02	8.08	1394	2.95	5.88	0.05	0.02	11	88	87	39	71
5160		1.69	7.87	1389	3.10	5.22	0.05	0.02	9	69	75	31	70
5161		0.74	6.89	1444	2.80	5.46	0.04	0.11	<5	22	62	23	63
5162		1.30	>10.00	941	2.03	1.55	0.01	0.09	<5	38	74	73	86
5163		2.64	>10.00	2705	3.11	3.00	0.02	0.07	6	74	95	24	66
5164		1.23	6.80	3115	2.73	4.94	0.04	0.06	5	39	65	38	60
5165		1.54	7.62	2682	2.76	4.37	0.04	0.06	6	46	79	39	73
5166		0.87	6.65	3333	2.83	6.12	0.05	0.07	6	31	57	29	67
5167		1.06	8.63	1451	2.56	4.10	0.03	0.08	<5	28	62	26	84
5168		1.05	7.55	945	2.56	4.21	0.03	0.07	<5	28	65	29	73
5169		0.90	5.83	958	2.56	4.51	0.05	0.08	<5	28	96	48	74
5170		0.40	9.05	1010	2.32	4.78	0.04	0.07	<5	11	62	35	102
5171		0.72	9.02	991	2.53	4.94	0.02	0.09	<5	16	50	21	93
5172		0.45	6.21	1329	2.69	5.89	0.03	0.08	<5	13	37	20	62
5173		0.58	>10.00	948	2.17	3.36	0.01	0.10	<5	11	48	43	84
5174		0.67	>10.00	81	0.56	0.36	0.01	0.10	<5	12	57	54	134
5175		1.11	>10.00	38	0.85	0.15	0.01	0.11	<5	21	51	36	139
5176		1.04	>10.00	62	0.83	0.25	0.01	0.10	<5	26	52	34	130

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Geochemical Lab Report

DATE PRINTED: 25-AUG-94

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
5140		892	137	112	14	3	7	1.1	2.1	<20	38	27	<1
5141		149	128	149	18	3	4	0.6	0.7	<20	47	25	<1
5142		125	124	151	17	2	4	0.6	0.5	<20	43	22	<1
5143		130	204	185	18	4	3	0.7	1.0	<20	56	30	<1
5144		122	126	214	27	5	3	0.3	1.1	<20	47	27	3
5145	sac	155	152	180	32	3	4	0.6	1.0	<20	40	27	5
5146	gs	1703	1091	311	11	3	17	4.2	6.8	<20	42	75	12
5147		1082	893	110	12	2	10	3.1	4.3	<20	40	58	12
5148	sac/gs	578	3648	156	14	2	10	2.7	12.9	<20	53	57	8
5149		220	520	206	24	3	7	2.5	3.0	<20	51	37	2
5150		135	121	210	37	4	5	0.5	0.8	<20	51	31	<1
5151		131	90	156	43	5	3	0.4	0.6	<20	43	27	<1
5152		143	128	156	39	5	3	0.5	0.7	<20	46	27	<1
5153		209	457	179	43	3	4	0.5	2.6	<20	54	31	<1
5154		128	146	144	44	2	4	0.4	0.4	<20	40	24	<1
5155		237	477	196	27	2	7	1.2	3.2	<20	22	31	7
5156		193	112	76	25	2	4	0.8	1.8	<20	21	27	4
5157		276	235	200	14	2	8	1.0	2.2	<20	27	32	5
5158		131	231	93	14	1	4	0.5	1.4	<20	28	26	4
5159		205	468	527	16	1	4	2.0	2.8	<20	31	29	3
5160		266	163	94	16	1	3	0.7	1.3	<20	26	25	2
5161		255	145	121	29	3	3	0.6	1.7	<20	17	21	13
5162		464	9560	716	19	2	13	10.7	29.8	<20	41	48	15
5163	ua sp	400	10207	1180	34	<1	4	2.6	38.4	<20	42	45	12
5164		166	3084	182	38	<1	5	6.4	8.0	<20	26	21	8
5165		184	4339	70	34	1	4	3.6	14.1	<20	26	26	9
5166		189	661	40	42	2	3	0.6	3.2	<20	19	22	10
5167		220	531	206	25	2	4	0.8	3.0	<20	22	27	13
5168		194	156	104	23	2	6	0.6	1.4	<20	18	22	11
5169		139	78	45	16	1	3	0.3	1.1	<20	16	16	11
5170		162	95	83	26	2	4	0.7	1.9	<20	17	25	7
5171		267	304	39	47	3	8	0.9	2.5	<20	17	28	7
5172	sac	84	56	28	43	2	2	0.4	1.3	<20	13	20	4
5173	gs	191	389	107	33	3	13	0.9	3.2	<20	22	36	7
5174		208	906	161	5	4	26	1.6	5.6	<20	27	46	8
5175		208	1306	133	4	5	24	1.4	6.9	<20	30	43	9
5176		182	1005	180	5	5	22	1.7	5.7	<20	30	47	8

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Geochemical Lab Report

REPORT: 094-42286.0 (COMPLETE)

DATE PRINTED: 25-AUG-94

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SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
5140		31	<20	9	5	42
5141		22	<20	4	<5	16
5142		21	<20	6	<5	17
5143		24	<20	11	<5	<5
5144		23	<20	4	<5	11
5145		24	<20	28	<5	23
5146		92	<20	293	19	619
5147		72	<20	415	15	511
5148		59	<20	261	10	1426
5149		38	<20	335	8	152
5150		26	<20	8	<5	9
5151		23	<20	5	<5	<5
5152		23	<20	5	<5	<5
5153		26	<20	7	<5	79
5154		25	<20	11	<5	25
5155		34	<20	51	7	178
5156		28	<20	7	6	30
5157		37	<20	7	8	105
5158		26	<20	2	<5	40
5159		29	<20	369	<5	263
5160		25	<20	18	<5	50
5161		22	<20	23	<5	97
5162		41	<20	2586	7	7383
5163		33	<20	274	6	7082
5164		20	<20	2105	<5	1877
5165		23	<20	935	<5	2398
5166		21	<20	67	5	168
5167		27	<20	19	6	134
5168		24	<20	7	6	27
5169		17	<20	7	6	21
5170		29	<20	3	8	25
5171		35	<20	8	6	29
5172		20	<20	2	<5	<5
5173		37	<20	15	8	79
5174		58	<20	36	14	154
5175		48	<20	35	13	255
5176		57	<20	47	12	263

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PROJECT: K431

STANDARD NAME / ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
BCC GEOCHEM STD 4	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9	42
ANALYTICAL BLANK	-	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1	1
BCC GEOCHEM STD 3	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180	40	600

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STANDARD AME	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
ean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		290	255	30	39	4	4	0.5	0.8	5	1	-	55
VALYTICAL BLANK		-	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK		-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
ean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		1	1	5	<1	<1	1	0.2	1.0	<1	5	<1	<1
BCC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
ean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		820	500	310	78	6	600	5.0	2.0	16	50	<1	220

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STANDARD NAME	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
BCC GEOCHEM STD 4		-	-	-	-	24
Number of Analyses		-	-	-	-	1
Mean Value		-	-	-	-	24.4
Standard Deviation		-	-	-	-	-
Accepted Value		4	1	33	1	30
ANALYTICAL BLANK		-	-	-	-	<5
ANALYTICAL BLANK		-	-	-	-	<5
Number of Analyses		-	-	-	-	2
Mean Value		-	-	-	-	2.5
Standard Deviation		-	-	-	-	<0.01
Accepted Value		<1	<1	2	2	5
BCC GEOCHEM STD 3		-	-	-	-	4158
Number of Analyses		-	-	-	-	1
Mean Value		-	-	-	-	4158.4
Standard Deviation		-	-	-	-	-
Accepted Value		6	-	250	4	3550

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
5141		4.27	6.98	1427	3.18	4.27	<0.01	<0.01	<5	148	171	40	77
Prep Duplicate													
5146		1.09	>10.00	522	1.67	1.38	<0.01	0.08	<5	30	42	48	114
Duplicate													
163		2.64	>10.00	2705	3.11	3.00	0.02	0.07	6	74	95	24	66
Duplicate													

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
5141		149	128	149	18	3	4	0.6	0.7	<20	47	25	<1
Prep Duplicate													
5146		1703	1091	311	11	3	17	4.2	6.8	<20	42	75	12
Duplicate													
163		400	10207	1180	34	<1	4	2.6	38.4	<20	42	45	12
Duplicate													

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SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
5141		22	<20	4	<5	16
Prep Duplicate						<5
146		92	<20	293	19	619
Duplicate						623
163		33	<20	274	6	7082
Duplicate						7343

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Geochemical Lab Report

REPORT: 094-42237.0 (COMPLETE)

REFERENCE: K431-94-8

CLIENT: KENNECOTT CANADA INC.

PROJECT: K431

SUBMITTED BY: JOHN BURGESS

DATE PRINTED: 29-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	31	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	31	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	31	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	31	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	31	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	31	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	31	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	31	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	31	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	31	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	31	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	31	1.0 PPM		NEUTRON ACTIVATION
31	Sb	Antimony	31	0.2 PPM		NEUTRON ACTIVATION
32	Hg	Mercury	31	5 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

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Geochemical Lab Report

EPORT: 094-42237.0 (COMPLETE)

REFERENCE: K431-94-8

CLIENT: KENNECOTT CANADA INC.
ROJECT: K431

SUBMITTED BY: JOHN BURGESS
DATE PRINTED: 29-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	31	-200	31	CRUSH/SPLIT & PULV.	31

REPORT COPIES TO: MR. JOHN BURGESS
FAX: JOHN BURGESS

INVOICE TO: MR. JOHN BURGESS

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Geochemical Lab Report

DATE PRINTED: 29-AUG-94

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SAMPLE UMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
5001		6	0.74	9.56	58	0.52	0.25	0.02	0.18	<5	3	38	17
5002		<5	0.99	9.31	389	1.68	1.63	0.01	0.17	<5	8	44	23
5003		<5	0.95	8.47	107	0.75	0.33	0.01	0.19	<5	8	25	20
5004		10	0.85	>10.00	77	0.60	0.26	0.02	0.22	<5	6	42	35
5005		22	0.73	>10.00	102	0.51	0.27	0.01	0.19	<5	3	28	26
5006		28	0.80	>10.00	150	0.67	0.40	0.01	0.21	<5	8	52	24
5007		38	0.86	>10.00	89	0.65	0.24	0.01	0.18	<5	9	63	46
5008		56	0.70	>10.00	17	0.48	0.11	0.01	0.15	<5	9	63	47
5009		63	0.75	>10.00	56	0.60	0.12	0.01	0.15	<5	12	65	44
5010		67	0.68	>10.00	46	0.49	0.09	<0.01	0.15	<5	8	79	48
5011		34	0.75	>10.00	108	0.62	0.16	<0.01	0.16	<5	9	68	52
5012		14	0.40	>10.00	54	0.28	0.13	<0.01	0.11	<5	<1	52	26
5013		<5	0.49	9.29	508	0.54	0.66	0.01	0.21	<5	7	131	14
5014		12	0.47	>10.00	133	0.33	0.26	0.01	0.18	<5	<1	67	27
5015		14	0.79	>10.00	186	0.72	0.25	0.01	0.20	<5	5	58	29
5016		24	0.41	>10.00	38	0.25	0.17	<0.01	0.16	<5	3	46	36
5017		<5	0.15	>10.00	5405	2.39	1.55	<0.01	0.01	<5	6	46	17
5018		10	0.12	>10.00	6907	2.41	2.09	<0.01	<0.01	<5	7	44	17
5019		<5	0.06	>10.00	5513	2.50	2.25	<0.01	<0.01	<5	3	34	15
5020		<5	0.47	>10.00	9333	2.59	2.85	<0.01	<0.01	<5	19	52	17
5021		8	3.00	>10.00	929	2.25	0.36	<0.01	0.44	<5	63	75	33
5022		<5	4.71	7.62	1364	3.06	6.16	0.01	0.49	29	221	142	46
5023		<5	0.40	2.54	167	0.10	0.37	0.01	0.32	<5	4	44	12
5024		<5	0.50	2.30	306	0.44	0.82	0.01	0.41	<5	5	43	12
5025		<5	1.65	5.77	705	1.78	1.38	0.02	1.33	<5	53	58	31
5026		<5	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
5027		<5	1.34	2.97	360	1.16	0.89	0.02	0.71	<5	12	40	17
5028		<5	1.63	3.23	262	1.19	0.28	0.01	0.49	<5	7	54	14
5029		<5	1.50	2.80	504	1.15	0.68	0.01	0.33	<5	5	78	17
5030		<5	1.32	2.14	230	1.14	0.45	0.01	0.33	<5	5	52	15
5031		<5	1.82	3.36	315	1.39	0.20	<0.01	0.34	<5	6	55	16

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Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 29-AUG-94

REPORT: 094-42237.0 (COMPLETE) PROJECT: K431 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
5001		140	140	370	<5	5	5	14	0.9	1.0	<20	<5	<10
5002		114	119	363	24	15	5	10	0.9	0.7	<20	<5	<10
5003		121	117	822	9	6	6	13	0.8	2.2	<20	<5	<10
5004		150	163	925	26	6	6	15	1.0	2.5	<20	<5	<10
5005		153	159	973	5	5	6	15	0.9	3.0	<20	<5	<10
5006		152	180	957	14	7	6	18	0.9	3.2	<20	<5	<10
5007		163	196	1009	90	5	6	18	1.4	3.5	<20	7	17
5008		132	107	1232	169	3	4	23	1.6	4.0	21	7	20
5009		129	131	1055	175	3	4	21	1.6	3.7	21	9	24
5010		114	111	1016	145	2	3	22	1.6	3.7	20	7	24
5011		124	227	1059	58	4	4	23	1.6	4.0	<20	5	24
5012		160	440	297	<5	4	4	16	1.6	1.0	<20	<5	26
5013		60	145	96	<5	20	7	22	0.7	<0.2	<20	<5	<10
5014		111	239	705	<5	10	6	15	1.4	3.7	<20	<5	15
5015		126	307	290	<5	10	5	14	1.4	1.6	<20	<5	21
5016		159	352	1399	9	6	4	20	1.9	9.9	<20	9	30
5017		16	41	39	6	22	2	6	0.7	<0.2	<20	<5	17
5018		4	7	27	9	14	4	3	0.5	<0.2	<20	<5	21
5019		<1	6	25	<5	12	5	3	0.5	<0.2	<20	<5	21
5020		6	9	26	9	18	5	7	0.5	<0.2	<20	<5	18
5021		60	89	99	25	10	5	9	0.9	<0.2	<20	<5	<10
5022		103	158	94	62	96	7	3	0.7	<0.2	<20	<5	<10
5023		47	47	74	<5	21	4	5	0.4	0.9	<20	<5	<10
5024		44	47	59	<5	57	4	5	0.4	0.4	<20	<5	<10
5025		69	86	125	70	102	3	5	0.6	<0.2	<20	<5	<10
5026		<1	<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10
5027		43	50	77	12	47	4	3	0.3	<0.2	<20	<5	<10
5028		34	33	71	23	13	5	2	0.2	<0.2	<20	<5	<10
5029		33	30	70	28	28	6	1	<0.2	<0.2	<20	<5	<10
5030		30	59	66	16	16	6	1	0.5	<0.2	<20	<5	<10
5031		35	7	75	11	9	7	1	0.3	<0.2	<20	<5	<10

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PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
5001		9	38	<20	<2	6	8.1	3.8	344
5002		8	35	<20	<2	<5	30.0	3.6	378
5003		10	33	<20	<2	6	18.0	4.3	775
5004		14	35	<20	<2	5	42.0	6.4	981
5005		11	35	<20	<2	<5	16.0	4.3	800
5006		13	35	<20	<2	<5	22.0	5.2	830
5007		13	50	<20	16	7	100.0	13.0	1148
5008		7	60	<20	27	6	174.0	13.0	1417
5009		6	64	<20	18	14	189.0	12.0	1238
5010		10	61	<20	23	12	167.0	13.0	1256
5011		14	62	<20	11	8	73.0	7.4	939
5012		11	70	<20	<2	9	2.2	3.0	316
5013		19	35	<20	<2	<5	<1.0	1.6	161
5014		17	48	<20	<2	8	<1.0	4.4	555
5015		19	61	<20	<2	9	<1.0	5.1	297
5016		15	81	<20	7	14	<1.0	11.0	1001
5017		1	51	<20	<2	11	1.8	<0.2	17
5018		<1	63	<20	<2	8	10.0	<0.2	<5
5019		<1	56	<20	<2	9	6.7	<0.2	<5
5020		2	60	<20	<2	10	4.5	<0.2	12
5021		38	53	<20	<2	8	1.8	1.3	22
5022		25	27	<20	<2	<5	29.0	0.8	20
5023		45	36	<20	7	<5	<1.0	1.9	31
5024		52	35	<20	23	<5	<1.0	1.3	26
5025		71	35	<20	<2	<5	57.0	1.2	10
5026		<1	<1	<20	<2	<5	12.0	0.6	6
5027		59	49	<20	21	<5	6.6	0.8	<5
5028		53	49	<20	<2	<5	13.0	0.6	<5
5029		46	50	<20	<2	<5	15.0	0.6	13
5030		42	43	<20	53	<5	11.0	0.5	14
5031		43	57	<20	<2	<5	<1.0	0.4	<5

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Geochemical Lab Report

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DATE PRINTED: 29-AUG-94
PROJECT: K431

STANDARD AME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
ean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9
CC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
ean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180	40
NALYTICAL BLANK		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1

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Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42261.0 (COMPLETE)

REFERENCE: K431-94-12

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

PROJECT: K431

DATE PRINTED: 30-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	31	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	31	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	31	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	31	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	31	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	31	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	31	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	31	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	31	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	31	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	31	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	31	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	31	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	31	1.0 PPM		NEUTRON ACTIVATION

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Geochemical
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Report

REPORT: 094-42261.0 (COMPLETE)

REFERENCE: K431-94-12

CLIENT: KENNECOTT CANADA INC.

PROJECT: K431

SUBMITTED BY: JOHN BURGESS

DATE PRINTED: 30-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	31	-150	31	CRUSH/SPLIT & PULV.	31

REPORT COPIES TO: MR. JOHN BURGESS
FAX: JOHN BURGESS

INVOICE TO: MR. JOHN BURGESS

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PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
2991		<5	0.25	>10.00	654	0.16	0.06	0.01	0.14	<5	9	101	9
2992		<5	2.18	7.51	1422	2.40	1.68	<0.01	0.05	8	83	139	20
2993		<5	0.45	>10.00	2828	1.43	0.65	<0.01	0.12	<5	11	93	14
2994		6	0.22	7.57	259	0.05	0.12	0.01	0.16	<5	8	283	7
2995		<5	0.27	5.13	303	0.15	0.06	<0.01	0.18	<5	7	123	6
2996		<5	0.30	>10.00	1773	0.76	0.44	<0.01	0.15	<5	5	114	13
2997		<5	0.40	>10.00	2363	0.46	0.03	<0.01	0.06	<5	8	106	14
2998		18	0.41	5.95	1173	0.96	0.23	<0.01	0.20	<5	21	174	10
2700		36	0.85	>10.00	48	1.31	0.01	0.02	0.39	<5	9	72	130
2701		14	1.83	>10.00	169	1.47	<0.01	0.02	1.46	<5	70	91	10
2702		<5	0.13	>10.00	2008	2.33	5.11	<0.01	<0.01	<5	12	31	27
2703		14	0.13	>10.00	4737	1.37	0.17	<0.01	0.11	<5	6	72	16
2704		<5	1.45	6.17	2676	1.60	1.09	<0.01	0.02	<5	92	153	11
2705		<5	0.14	>10.00	857	0.06	0.07	<0.01	0.07	<5	20	16	19
2706		<5	0.18	5.49	3904	0.92	1.09	<0.01	0.02	<5	3	153	9
2707		<5	0.07	>10.00	6724	1.39	0.20	<0.01	<0.01	<5	3	39	27
2708		192	0.30	>10.00	<1	0.01	<0.01	<0.01	0.26	<5	<1	121	53
2709		38	0.10	>10.00	12	0.07	<0.01	<0.01	0.03	<5	<1	255	324
2710		7	0.05	>10.00	4081	0.95	0.10	<0.01	<0.01	<5	<1	44	176
2711		30	0.37	>10.00	3172	0.79	0.06	<0.01	<0.01	<5	20	91	45
2712		<5	<0.01	6.83	1865	0.83	0.09	<0.01	<0.01	<5	<1	80	10
2713		8	0.12	9.08	289	0.17	0.28	<0.01	0.02	<5	<1	136	25
2714		24	0.02	>10.00	468	0.06	0.09	<0.01	0.01	<5	<1	48	37
2715		172	0.17	>10.00	82	<0.01	<0.01	<0.01	0.14	<5	<1	56	14
2716		15	0.04	>10.00	1623	0.15	0.07	<0.01	0.01	<5	<1	122	19
2717		<5	0.21	>10.00	4736	0.68	0.07	<0.01	0.03	<5	8	70	17
2718		<5	0.38	>10.00	8640	1.35	0.14	<0.01	0.02	<5	13	33	30
2719		<5	0.42	>10.00	9246	1.52	0.11	<0.01	0.02	<5	16	51	21
2720		<5	0.27	>10.00	5941	0.52	0.30	<0.01	0.08	<5	4	77	23
2721		<5	0.07	4.24	114	0.03	<0.01	<0.01	0.02	<5	2	111	8
2722		6	0.01	6.01	195	<0.01	<0.01	<0.01	<0.01	<5	<1	162	62

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Geochemical Lab Report

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PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2991		8	51	41	<5	8	2	15	0.5	1.5	<20	9	22
2992		41	63	97	64	22	2	3	<0.2	0.6	<20	21	18
2993		11	27	50	21	10	3	8	0.5	1.5	<20	13	32
2994		8	69	49	11	4	1	15	<0.2	0.9	<20	7	16
2995		10	58	14	<5	5	3	9	0.2	0.6	<20	<5	<10
2996		16	79	49	14	8	2	8	0.7	2.2	<20	13	35
2997		7	47	49	<5	1	<1	6	0.4	1.8	<20	14	31
2998		7	149	11	8	7	1	4	<0.2	0.9	<20	7	11
2700		38	195	172	143	1	4	13	1.5	2.2	<20	22	52
2701		4	27	80	43	4	2	8	0.8	1.0	<20	18	20
2702		22	82	40	20	43	3	3	0.8	1.6	<20	11	35
2703		2	51	85	6	5	3	4	0.6	2.0	<20	12	35
2704		20	20	38	30	19	2	4	<0.2	0.5	<20	13	13
2705		<1	109	144	57	2	<1	2	0.8	2.9	<20	19	79
2706		13	16	42	11	10	2	3	<0.2	0.8	<20	7	10
2707		12	24	37	38	2	3	5	0.8	1.9	<20	14	54
2708		32	22	34	78	1	1	16	4.7	1.9	<20	13	35
2709		12	52	34	32	<1	<1	11	3.2	1.9	<20	11	32
2710		13	13	38	13	1	2	9	0.8	1.8	<20	12	53
2711		64	202	109	15	2	1	10	1.2	2.0	<20	13	41
2712		10	61	231	<5	6	<1	5	0.3	2.1	<20	<5	12
2713		43	177	33	<5	14	<1	5	0.8	1.0	<20	6	18
2714		135	216	47	26	5	2	6	2.4	2.8	22	16	73
2715		5	84	88	40	1	1	18	2.0	2.1	<20	14	44
2716		28	74	41	14	2	1	7	0.8	1.4	<20	7	23
2717		16	21	434	56	2	2	6	0.9	1.8	<20	11	38
2718		61	10	1518	181	3	3	11	1.3	2.9	<20	19	67
2719		24	11	277	42	3	2	6	0.7	2.2	<20	14	42
2720		33	54	405	47	22	6	8	0.9	2.3	<20	12	38
2721		3	19	14	<5	1	<1	8	<0.2	0.5	<20	<5	<10
2722		5	17	15	<5	<1	<1	4	0.5	0.5	<20	<5	12

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Geochemical Lab Report

REPORT: 094-42261.0 (COMPLETE)

DATE PRINTED: 30-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
2991		10	49	<20	<2	8	<1.0
2992		5	25	<20	<2	<5	12.0
2993		12	52	<20	<2	10	2.4
2994		10	27	<20	7	<5	16.0
2995		15	33	<20	<2	<5	2.5
2996		18	54	<20	<2	10	4.7
2997		6	42	<20	<2	9	<1.0
2998		11	16	<20	<2	<5	1.1
2700		7	78	<20	51	14	119.0
2701		70	58	<20	13	5	2.0
2702		2	59	<20	<2	10	<1.0
2703		8	56	<20	<2	8	<1.0
2704		3	22	<20	<2	<5	<1.0
2705		9	140	<20	<2	18	8.7
2706		5	16	<20	<2	<5	7.4
2707		4	98	<20	<2	12	15.0
2708		4	50	<20	7	7	82.0
2709		3	44	<20	11	9	30.0
2710		2	94	<20	<2	16	1.5
2711		2	60	<20	9	12	<1.0
2712		<1	17	<20	<2	6	3.4
2713		2	24	<20	<2	7	<1.0
2714		2	120	<20	11	16	1.1
2715		12	73	<20	120	13	42.0
2716		2	32	<20	7	8	18.0
2717		3	62	<20	17	13	48.0
2718		2	118	<20	19	17	155.0
2719		3	68	<20	<2	11	23.0
2720		12	64	<20	4	9	40.0
2721		2	12	<20	<2	<5	1.1
2722		<1	14	<20	<2	<5	4.3

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Geochemical Lab Report

REPORT: 094-42261.0 (COMPLETE)

DATE PRINTED: 30-AUG-94
PROJECT: K431

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9
BCC GEOCHEM STD 3		-	5.17	4.97	855	4.95	5.02	0.38	0.23	<5	28	175	41
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	5.175	4.970	854.7	4.950	5.020	0.380	0.226	2.5	28.4	175.0	41.4
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180	40
ANALYTICAL BLANK		-	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.005	0.005	0.5	0.005	0.005	0.005	0.005	2.5	0.5	0.5	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1

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REPORT: 094-42261.0 (COMPLETE)

DATE PRINTED: 30-AUG-94

PROJECT: K431

STANDARD NAME / ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
BCC GEOCHEM STD 4	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	42	290	255	30	39	4	4	0.5	0.8	5	1	-
BCC GEOCHEM STD 3	529	835	516	351	81	4	498	5.5	2.1	<20	62	<10
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	529.4	835.0	516.1	351.0	80.7	3.7	498.1	5.52	2.12	10.0	62.0	5.0
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	600	820	500	310	78	6	600	5.0	2.0	16	50	<1
ANALYTICAL BLANK	<1	<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	0.5	0.5	0.5	2.5	0.5	0.5	0.5	0.10	0.10	10.0	2.5	5.0
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	1	1	1	5	<1	<1	1	0.2	1.0	<1	5	<1

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Geochemical Lab Report

DATE PRINTED: 30-AUG-94

REPORT: 094-42261.0 (COMPLETE) PROJECT: K431 PAGE 2C

STANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
BCC GEOCHEM STD 4		-	-	-	-	-	29.0
Number of Analyses		-	-	-	-	-	1
Mean Value		-	-	-	-	-	29.00
Standard Deviation		-	-	-	-	-	-
Accepted Value		55	4	1	33	1	28.7
BCC GEOCHEM STD 3		210	22	<20	223	6	301.0
Number of Analyses		1	1	1	1	1	1
Mean Value		210.2	21.8	10.0	222.7	6.0	301.00
Standard Deviation		-	-	-	-	-	-
Accepted Value		220	6	-	250	4	310.0
ANALYTICAL BLANK		<1	<1	<20	<2	<5	-
Number of Analyses		1	1	1	1	1	-
Mean Value		0.5	0.5	10.0	1.0	2.5	-
Standard Deviation		-	-	-	-	-	-
Accepted Value		<1	<1	<1	2	2	<0.1

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Geochemical Lab Report

REPORT: 094-42261.0 (COMPLETE)

DATE PRINTED: 30-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
2992		<5	2.18	7.51	1422	2.40	1.68	<0.01	0.05	8	83	139	20
Duplicate			2.27	7.64	1468	2.41	1.73	<0.01	0.06	8	86	145	21
2707		<5	0.07	>10.00	6724	1.39	0.20	<0.01	<0.01	<5	3	39	27
Prep Duplicate			0.10	>10.00	7461	1.60	0.21	<0.01	<0.01	<5	4	18	27
2711		30	0.37	>10.00	3172	0.79	0.06	<0.01	<0.01	<5	20	91	45
Duplicate			0.38	>10.00	3261	0.81	0.07	<0.01	<0.01	<5	21	96	46

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Geochemical Lab Report

DATE PRINTED: 30-AUG-94

REPORT: 094-42261.0 (COMPLETE) PROJECT: K431 PAGE 3B

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2992		41	63	97	64	22	2	3	<0.2	0.6	<20	21	18
Duplicate		40	65	99	50	24	2	3	0.2	0.6	<20	15	16
2707		12	24	37	38	2	3	5	0.8	1.9	<20	14	54
Prep Duplicate		11	21	36	36	3	3	4	0.8	1.2	<20	12	52
711		64	202	109	15	2	1	10	1.2	2.0	<20	13	41
Duplicate		66	206	110	10	3	1	6	1.2	1.9	<20	13	39

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EPORT: 094-42261.0 (COMPLETE)

DATE PRINTED: 30-AUG-94
PROJECT: K431 PAGE 3C

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
2992		5	25	<20	<2	<5	12.0
Duplicate		6	27	<20	<2	<5	
⌐707		4	98	<20	<2	12	15.0
Prep Duplicate		3	102	<20	<2	16	13.0
711		2	60	<20	9	12	<1.0
Duplicate		2	62	<20	9	13	

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Certificate of Analysis

EPORT: 094-42243.4 (COMPLETE)

REFERENCE: K431-94-6

CLIENT: KENNECOTT CANADA INC.

ROJECT: K431

SUBMITTED BY: JOHN BURGESS

DATE PRINTED: 13-SEP-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu	Copper	3	0.01 PCT		
2	Zn	Zinc	3	0.01 PCT		TITRIMETRIC
3	Au	Gold	3	0.001 OPT		FIRE ASSAY
4	Ag	Silver	3	0.02 OPT		FIRE ASSAY

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	3	-150	3	AS RECEIVED	3

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Certificate of Analysis

DATE PRINTED: 13-SEP-94

EPORT: 094-42243.4 (COMPLETE)

PROJECT: K431 PAGE 1

SAMPLE UMBER	ELEMENT UNITS	Cu PCT	Zn PCT	Au OPT	Ag OPT
2841		0.04	0.28	<0.005	<0.02
2861		0.03	0.71	<0.005	<0.02
2862		0.02	1.12	<0.005	<0.02

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DATE PRINTED: 13-SEP-94

EPORT: 094-42243.4 (COMPLETE)

PROJECT: K431 PAGE 2

STANDARD AME	ELEMENT UNITS	Cu PCT	Zn PCT	Au OPT	Ag OPT
CANMET CERTIFIED STD		1.45	19.00	-	-
Number of Analyses		1	1	-	-
ean Value		1.449	19.000	-	-
Standard Deviation		-	-	-	-
Accepted Value		1.44	19.02	-	-

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EPORT: 094-42243.4 (COMPLETE)

DATE PRINTED: 13-SEP-94

PROJECT: K431

SAMPLE UMBER	ELEMENT UNITS	Cu PCT	Zn PCT	Au OPT	Ag OPT
2841		0.04	0.28	<0.005	<0.02
Duplicate		0.04	0.29		

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Certificate of Analysis

REPORT: 094-42236.6 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: JOHN BURGESS
PROJECT: K431 DATE PRINTED: 26-SEP-94

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver Gravimetric	1	0.69 G/T		FIRE ASSAY
2	Zn	Zinc	1	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY
3	Pb	Lead	1	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	1	-150	1	SAMPLES FROM STORAGE	1

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Certificate of Analysis

DATE PRINTED: 26-SEP-94

REPORT: 094-42236.6 (COMPLETE)

PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ag G/T	Zn PCT	Pb PCT
2048		279.77	7.13	6.61

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Certificate of Analysis

DATE PRINTED: 26-SEP-94

REPORT: 094-42236.6 (COMPLETE)

PROJECT: K431 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Ag G/T	Zn PCT	Pb PCT
2048		279.77	7.13	6.61
Duplicate			7.10	6.63

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Geochemical Lab Report

REPORT: 094-42200.0 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MARK STEVENSON

PROJECT: K424 DATE PRINTED: 29-SEP-94

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Al	Aluminum	12	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
2	Fe	Iron	12	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Mn	Manganese	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mg	Magnesium	12	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Ca	Calcium	12	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Na	Sodium	12	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	K	Potassium	12	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Sc	Scandium	12	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	V	Vanadium	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Cr	Chromium	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Co	Cobalt	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Ni	Nickel	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Cu	Copper	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Zn	Zinc	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	As	Arsenic	12	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Sr	Strontium	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Y	Yttrium	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Mo	Molybdenum	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Ag	Silver	12	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Cd	Cadmium	12	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Sn	Tin	12	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sb	Antimony	12	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Te	Tellurium	12	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ba	Barium	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	La	Lanthanum	12	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	W	Tungsten	12	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Pb	Lead	12	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Bi	Bismuth	12	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Hg	Mercury	12	5 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

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Geochemical Lab Report

EPORT: 094-42200.0 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MARK STEVENSON
ROJECT: K424 DATE PRINTED: 29-SEP-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	12	-200	12	CRUSH/SPLIT & PULV.	12

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DATE PRINTED: 29-SEP-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
1927		0.08	>10.00	11	0.13	0.26	<0.01	0.05	<5	<1	11	30	209
1933		<0.01	>10.00	24	<0.01	0.04	<0.01	<0.01	<5	<1	30	19	18
1935		<0.01	>10.00	52	<0.01	<0.01	<0.01	<0.01	<5	<1	62	12	10
1943		0.31	>10.00	119	0.25	0.03	<0.01	0.05	<5	<1	8	74	164
1945		<0.01	>10.00	26	<0.01	<0.01	<0.01	<0.01	<5	<1	71	25	14
2045		<0.01	>10.00	2559	0.07	0.03	<0.01	<0.01	<5	<1	25	23	28
2100		<0.01	>10.00	112	<0.01	<0.01	<0.01	<0.01	<5	<1	26	39	19
2101		<0.01	>10.00	396	0.28	0.50	<0.01	<0.01	<5	<1	93	13	9
2102		0.08	>10.00	741	0.08	0.80	<0.01	0.02	<5	4	33	40	89
2103		0.30	>10.00	49	0.37	0.28	0.01	0.09	<5	<1	36	104	32
1859		0.84	3.40	186	0.74	>10.00	0.06	0.02	<5	33	49	7	12
2043		<0.01	>10.00	715	0.06	0.11	<0.01	0.01	<5	<1	129	17	30

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Geochemical Lab Report

REPORT: 094-42200.0 (COMPLETE)

DATE PRINTED: 29-SEP-94

PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
1927		460	546	<5	5	1	15	0.8	2.1	26	10	48	5
1933		737	>20000	2348	<1	<1	6	>50.0	184.7	21	195	40	<1
1935		293	>20000	5329	1	<1	11	>50.0	258.3	<20	357	18	<1
1943		399	453	<5	<1	2	12	1.3	2.0	23	6	42	7
1945		436	>20000	4452	<1	<1	8	>50.0	180.5	23	295	35	<1
2045		411	>20000	2712	<1	<1	5	>50.0	242.5	26	253	46	<1
2100		281	>20000	5384	<1	<1	7	>50.0	164.7	29	144	56	<1
2101		220	19413	2064	8	<1	7	>50.0	96.5	<20	192	16	<1
2102		366	158	<5	15	3	6	1.1	0.8	21	<5	40	4
2103		92	303	131	4	2	13	0.3	1.8	28	<5	54	6
1859		65	95	<5	103	6	3	0.5	0.5	<20	21	<10	8
2043		380	>20000	622	5	<1	7	>50.0	121.4	22	150	33	2

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Geochemical Lab Report

EPORT: 094-42200.0 (COMPLETE)

DATE PRINTED: 29-SEP-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
1927		124	<20	83	28	719
1933		98	580	9381	24	>50000
1935		39	930	>10000	18	>50000
1943		114	<20	185	21	664
1945		81	543	>10000	23	>50000
2045		117	863	>10000	30	>50000
2100		139	440	7472	30	>50000
2101		47	178	9851	15	>50000
2102		111	<20	100	25	387
2103		137	<20	59	24	487
1859		30	<20	625	<5	199
2043		80	337	8515	22	>50000

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Geochemical Lab Report

EPORT: 094-42200.0 (COMPLETE)

DATE PRINTED: 29-SEP-94
PROJECT: K424

STANDARD AME	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
ean Value		-	-	-	-	-	-	-	-	-	-	-	-
standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9	42
NALYTICAL BLANK		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
ean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1	1

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Geochemical Lab Report

EPORT: 094-42200.0 (COMPLETE)

DATE PRINTED: 29-SEP-94
PROJECT: K424

STANDARD AME	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
ean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		290	255	30	39	4	4	0.5	0.8	5	1	-	55
NALYTICAL BLANK		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
ean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		1	1	5	<1	<1	1	0.2	1.0	<1	5	<1	<1

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Geochemical Lab Report

PORT: 094-42200.0 (COMPLETE)

DATE PRINTED: 29-SEP-94
PROJECT: K424

STANDARD NAME	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
BCC GEOCHEM STD 4		-	-	-	-	41
Number of Analyses		-	-	-	-	1
Mean Value		-	-	-	-	40.9
Standard Deviation		-	-	-	-	-
Accepted Value		4	1	33	1	30
ANALYTICAL BLANK		-	-	-	-	9
Number of Analyses		-	-	-	-	1
Mean Value		-	-	-	-	8.8
Standard Deviation		-	-	-	-	-
Accepted Value		<1	<1	2	2	5

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PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
1927		0.08	>10.00	11	0.13	0.26	<0.01	0.05	<5	<1	11	30	209
Duplicate													

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Geochemical Lab Report

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DATE PRINTED: 29-SEP-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
1927		460	546	<5	5	1	15	0.8	2.1	26	10	48	5
Duplicate													

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DATE PRINTED: 29-SEP-94

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SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
1927		124	<20	83	28	719
Duplicate						729

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Certificate of Analysis

REPORT: 094-42200.6 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MARK STEVENSON

PROJECT: K424 DATE PRINTED: 30-SEP-94

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver Gravimetric	6	0.69 G/T	FIRE ASSAY	FIRE ASSAY-GRAV
2	Zn	Zinc	6	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY
3	Pb	Lead	3	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	7	-200	7	SAMPLES FROM STORAGE	7

REMARKS: IS indicates Insufficient Sample

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Certificate of Analysis

DATE PRINTED: 30-SEP-94

REPORT: 094-42200.6 (COMPLETE)

PROJECT: K424 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag G/T	Zn PCT	Pb PCT
1933		237.26	9.95	
1935		368.92	12.90	10.15
1945		294.52	9.60	7.18
2045		331.20	14.11	8.37
2100		152.57	9.44	
2101		221.14		
2043		IS	6.59	

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REPORT: 094-42200.6 (COMPLETE)

PROJECT: K424 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Ag G/T	Zn PCT	Pb PCT
1933		237.26	9.95	
Duplicate			9.90	
2101		221.14		
Duplicate		218.74		

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Certificate of Analysis

REPORT: 094-42200.5 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MARK STEVENSON

PROJECT: K424 DATE PRINTED: 28-NOV-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Hg	Mercury	1	0.0005 PCT	HF-HCL-HNO3	ATOMIC ABSORPTION

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	1	AS RECEIVED	1		

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DATE PRINTED: 28-NOV-94

REPORT: 094-42200.5 (COMPLETE) PROJECT: K424 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT
2045		0.0154

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REPORT: 094-42200.5 (COMPLETE) PROJECT: K424 PAGE 2

STANDARD NAME	ELEMENT UNITS	Hg PCT
PD-1		0.0390
Number of Analyses		1
Mean Value		0.03900
Standard Deviation		-
Accepted Value		0.0390

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SAMPLE NUMBER	ELEMENT UNITS	Hg PCT
2045		0.0154
Duplicate		0.0150

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Geochemical Lab Report

EPORT: 094-42201.0 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MARK STEVENSON
ROJECT: K424 DATE PRINTED: 12-DEC-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	59	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	59	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	59	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	59	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	59	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	59	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	59	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	59	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	59	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	59	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	59	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	59	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	59	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	59	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	59	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	59	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	59	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	59	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	59	1.0 PPM		NEUTRON ACTIVATION
31	Sb	Antimony	59	0.2 PPM		NEUTRON ACTIVATION
32	Hg	Mercury	59	5 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

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Geochemical
Lab
Report

REPORT: 094-42201.0 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MARK STEVENSON
PROJECT: K424 DATE PRINTED: 12-DEC-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	59	-200	59	CRUSH/SPLIT & PULV.	59

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Geochemical Lab Report

:PORT: 094-42201.0 (COMPLETE)

DATE PRINTED: 12-DEC-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
763		25	0.80	>10.00	79	0.27	0.01	<0.01	0.23	<5	5	26	10
765		<5	5.24	8.04	1361	3.62	4.31	0.01	0.42	22	192	147	46
786		<5	1.74	>10.00	605	1.35	0.41	<0.01	<0.01	<5	46	121	23
787		81	0.14	>10.00	1274	0.26	0.18	<0.01	<0.01	<5	1	49	22
788		<5	0.14	2.04	72	0.04	0.09	<0.01	0.04	<5	14	251	5
790		<5	<0.01	6.62	96	<0.01	<0.01	<0.01	<0.01	<5	<1	186	8
2009		7	0.24	>10.00	<1	<0.01	<0.01	<0.01	0.13	<5	<1	31	9
2010		<5	<0.01	>10.00	4253	1.74	0.37	<0.01	<0.01	<5	<1	77	12
2030		<5	0.15	2.94	49	0.02	<0.01	<0.01	0.09	<5	8	145	3
2035		<5	0.10	0.31	28	<0.01	<0.01	<0.01	0.08	<5	4	160	<1
2036		<5	0.04	3.19	21	<0.01	<0.01	<0.01	0.03	<5	<1	217	3
2037		<5	0.01	9.81	4530	1.63	3.16	<0.01	<0.01	<5	<1	105	10
2038		7	0.04	0.77	52	<0.01	0.01	<0.01	0.02	<5	8	288	1
2039		7	1.52	>10.00	580	0.69	<0.01	<0.01	0.21	<5	35	84	9
2040		36	1.00	>10.00	218	0.53	0.41	<0.01	0.08	<5	67	75	24
2041		<5	0.03	0.77	380	<0.01	0.44	<0.01	<0.01	<5	1	247	2
2042		7	2.49	>10.00	510	2.04	0.14	0.01	<0.01	6	127	109	20
2046		<5	6.72	>10.00	2240	3.61	0.56	0.02	4.84	21	287	182	59
1815		67	0.54	5.85	235	0.08	0.15	0.04	0.22	<5	320	55	8
1816		75	0.56	>10.00	504	0.04	0.20	<0.01	0.19	<5	244	29	24
1850		<5	0.25	1.30	60	0.20	<0.01	<0.01	<0.01	<5	10	200	2
1851		<5	0.03	1.19	81	0.02	0.01	<0.01	<0.01	<5	2	206	1
1852		81	0.30	6.78	7	0.01	<0.01	<0.01	0.15	<5	8	56	5
1853		<5	0.04	0.47	28	0.02	<0.01	<0.01	<0.01	<5	3	291	1
1854		30	0.36	1.53	6	<0.01	<0.01	0.01	0.24	<5	17	63	1
1855		18	0.56	7.47	475	0.20	0.13	0.01	0.27	<5	8	130	13
1856		73	0.28	>10.00	<1	0.01	0.02	<0.01	0.14	<5	13	26	10
1857		23	1.49	>10.00	366	1.34	0.26	<0.01	0.09	<5	39	74	40
1860		53	0.43	>10.00	<1	0.32	0.08	<0.01	0.13	<5	5	25	34
1861		<5	2.87	9.78	721	1.95	0.16	0.03	0.17	7	212	123	17
1863		41	0.24	>10.00	177	<0.01	<0.01	0.01	0.12	<5	3	109	13
1864		29	0.83	7.81	103	0.19	0.01	<0.01	0.18	<5	227	40	6
1865		7	1.93	>10.00	148	1.39	<0.01	0.01	0.10	<5	19	118	9
1867		132	4.98	>10.00	1442	4.12	2.43	<0.01	<0.01	15	158	126	79
1928		43	0.85	>10.00	286	0.70	0.02	0.01	0.11	<5	17	66	20
1929		<5	0.10	3.77	621	0.06	0.04	<0.01	<0.01	<5	3	220	4
1930		<5	5.62	6.71	1044	4.40	3.17	<0.01	0.01	7	103	263	59
1931		<5	1.87	2.43	528	2.27	2.00	<0.01	<0.01	<5	22	188	14

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Geochemical Lab Report

REPORT: 094-42201.0 (COMPLETE) DATE PRINTED: 12-DEC-94
PROJECT: K424 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
763		3	35	121	<5	8	2	10	0.6	0.4	<20	<5	11
765		100	165	177	<5	67	4	5	0.5	<0.2	<20	<5	<10
786		12	108	131	<5	7	2	13	0.6	<0.2	<20	<5	14
787		9	120	105	<5	2	1	8	1.0	0.5	21	<5	26
788		19	34	32	<5	4	2	14	0.2	<0.2	<20	<5	<10
790		5	61	20	<5	<1	<1	5	0.4	<0.2	<20	<5	<10
2009		2	51	17	<5	2	1	20	0.5	<0.2	<20	<5	10
2010		2	4	28	<5	3	2	6	0.3	<0.2	<20	<5	13
2030		3	19	16	<5	1	1	10	0.4	<0.2	<20	<5	<10
2035		4	6	10	<5	1	<1	3	0.2	<0.2	<20	<5	<10
2036		4	10	10	<5	<1	<1	4	<0.2	<0.2	<20	<5	<10
2037		3	4	19	<5	64	2	4	<0.2	<0.2	<20	<5	<10
2038		5	12	141	<5	3	<1	4	24.8	2.4	<20	20	<10
2039		4	45	67	<5	1	1	10	0.4	<0.2	<20	<5	<10
2040		49	353	87	<5	6	3	27	1.2	<0.2	<20	7	20
2041		7	11	7	<5	5	<1	2	<0.2	<0.2	<20	<5	<10
2042		25	125	117	<5	3	4	15	0.3	<0.2	20	<5	<10
2046		97	2	250	21	26	<1	9	<0.2	<0.2	23	<5	<10
1815		36	226	407	15	18	9	118	3.3	4.5	<20	9	<10
1816		115	346	2595	<5	8	18	149	3.6	15.1	<20	16	21
1850		4	7	21	12	<1	<1	3	<0.2	<0.2	<20	<5	<10
1851		4	8	7	<5	<1	<1	2	<0.2	<0.2	<20	<5	<10
1852		2	34	74	<5	<1	2	23	1.4	<0.2	<20	12	<10
1853		6	8	14	<5	<1	<1	2	<0.2	<0.2	<20	<5	<10
1854		<1	24	8	<5	1	2	20	0.8	<0.2	<20	9	<10
1855		14	56	65	<5	12	2	7	0.3	0.6	<20	6	15
1856		2	84	91	<5	2	1	35	1.0	0.9	<20	20	27
1857		8	240	150	27	10	2	19	0.9	0.8	<20	21	38
1860		106	367	283	<5	3	1	9	0.4	3.0	<20	10	62
1861		24	492	123	45	14	5	9	0.7	<0.2	<20	<5	<10
1863		27	207	202	<5	1	2	20	0.9	0.3	<20	<5	<10
1864		10	82	395	<5	2	4	75	2.0	<0.2	<20	8	<10
1865		14	72	186	<5	3	2	11	0.5	<0.2	<20	<5	<10
1867		51	163	7660	12	14	<1	6	11.5	26.8	21	10	<10
1928		31	149	131	<5	2	4	7	0.5	0.3	<20	<5	16
1929		4	11	27	<5	1	<1	3	<0.2	<0.2	<20	<5	<10
1930		282	258	96	44	41	1	6	0.3	<0.2	<20	<5	<10
1931		79	62	38	<5	26	<1	3	<0.2	<0.2	<20	<5	<10

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SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
763		19	41	<20	22	12	2.2	1.8	97
765		19	28	<20	58	5	9.0	1.3	14
786		<1	52	<20	18	13	23.0	2.2	10
787		<1	78	<20	48	20	6.0	0.7	295
788		7	10	<20	20	<5	6.2	2.0	122
790		<1	13	<20	5	6	1.4	0.3	293
2009		13	50	<20	3	10	<1.0	3.7	28
2010		1	49	<20	3	13	<1.0	<0.2	20
2030		9	18	<20	15	<5	2.8	1.5	69
2035		6	7	<20	16	<5	3.7	1.0	53
2036		2	10	<20	7	<5	1.5	0.6	30
2037		<1	35	<20	<2	13	<1.0	<0.2	59
2038		4	2	<20	8523	5	2.0	23.1	55
2039		21	33	<20	30	7	12.0	1.1	30
2040		8	64	<20	52	16	3.1	8.2	142
2041		<1	3	<20	5	<5	<1.0	0.2	99
2042		2	55	<20	8	13	1.0	0.4	11
2046		138	46	<20	21	6	71.0	<0.2	<5
1815		19	25	<20	45	5	36.0	14.0	626
1816		19	71	<20	71	19	29.0	20.0	1205
1850		<1	3	<20	4	<5	17.0	0.3	16
1851		<1	2	<20	4	<5	<1.0	0.3	11
1852		13	39	<20	15	8	3.6	16.0	10
1853		<1	2	<20	8	<5	1.4	0.4	69
1854		37	29	<20	21	<5	3.5	12.0	348
1855		27	35	<20	<2	<5	5.4	0.9	2969
1856		13	60	<20	13	10	13.0	18.0	147
1857		7	75	<20	32	12	26.0	16.0	11
1860		8	115	<20	9	16	2.3	2.1	108
1861		24	48	<20	7	10	80.0	<0.2	61
1863		14	48	<20	20	10	6.2	6.1	15
1864		23	29	<20	29	8	3.8	12.0	328
1865		7	39	<20	9	10	16.0	2.0	88
1867		<1	64	<20	7725	13	56.0	17.0	8982
1928		13	55	<20	24	17	1.4	0.5	72
1929		<1	8	<20	9	<5	4.9	0.2	15
1930		<1	26	<20	19	5	69.0	<0.2	35
1931		<1	7	<20	6	<5	8.2	<0.2	10

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1942		<5	0.30	>10.00	2855	0.36	0.11	<0.01	0.02	<5	7	72	21
1944		16	0.51	8.51	560	0.64	0.41	<0.01	0.06	<5	4	136	42
1946		39	0.25	>10.00	<1	0.11	0.07	<0.01	0.13	<5	<1	84	85
1947		<5	0.04	5.87	187	<0.01	<0.01	<0.01	<0.01	<5	5	105	6
1948		106	0.05	1.80	181	0.02	<0.01	<0.01	<0.01	<5	1	232	2
1949		5	1.27	>10.00	1576	1.60	0.42	<0.01	0.04	<5	46	108	19
1951		<5	0.13	1.53	141	0.05	<0.01	<0.01	<0.01	<5	6	282	3
2200		28	0.22	0.52	20	<0.01	<0.01	<0.01	0.13	<5	8	88	<1
2201		<5	0.02	1.47	31	<0.01	0.06	<0.01	0.02	<5	2	194	2
2203		<5	<0.01	1.80	38	<0.01	0.06	<0.01	<0.01	<5	<1	220	5
2204		28	0.24	8.60	534	0.01	<0.01	<0.01	0.14	<5	<1	53	10
2205		6	0.13	1.97	27	0.05	0.01	<0.01	0.03	<5	11	159	3
2206		17	0.30	8.01	2	0.04	<0.01	0.01	0.16	<5	<1	61	6
2207		91	0.02	>10.00	2212	0.04	<0.01	<0.01	<0.01	<5	<1	85	10
2208		10	0.17	0.53	38	<0.01	<0.01	<0.01	0.12	<5	9	221	<1
2209		10	0.32	2.62	47	0.11	0.05	<0.01	0.04	<5	32	138	9
2210		<5	0.30	2.34	42	0.04	0.03	<0.01	0.16	<5	27	166	3
2211		9	0.73	>10.00	605	0.78	0.03	<0.01	0.01	<5	29	151	10
2212		9	0.84	4.91	129	0.63	0.06	<0.01	0.14	<5	15	139	7

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1942		23	136	37	<5	2	5	7	0.6	0.3	<20	<5	18
1944		25	105	32	<5	10	2	8	0.4	<0.2	<20	<5	<10
1946		30	49	175	151	3	<1	19	0.7	0.6	22	<5	20
1947		4	40	20	<5	<1	<1	5	0.3	<0.2	<20	<5	<10
1948		5	8	8	<5	<1	<1	2	<0.2	<0.2	<20	<5	<10
1949		14	29	85	<5	6	1	9	0.4	<0.2	<20	<5	15
1951		6	8	8	<5	<1	<1	3	<0.2	<0.2	<20	<5	<10
2200		2	3	3	7	1	<1	6	0.2	<0.2	<20	11	<10
2201		6	9	11	10	3	<1	5	0.2	<0.2	<20	<5	<10
2203		9	11	20	<5	<1	<1	3	<0.2	0.2	<20	<5	<10
2204		13	32	33	<5	1	2	16	0.4	0.6	<20	9	<10
2205		4	15	12	<5	2	<1	4	0.3	<0.2	<20	<5	<10
2206		<1	24	25	<5	2	2	13	0.3	0.4	<20	<5	<10
2207		5	27	41	<5	<1	<1	5	0.2	0.3	<20	<5	<10
2208		3	5	3	<5	2	2	8	0.3	<0.2	<20	<5	<10
2209		32	24	22	<5	3	2	18	0.2	<0.2	<20	<5	<10
2210		3	34	9	<5	2	2	34	<0.2	0.2	<20	<5	<10
2211		5	63	55	<5	2	3	7	0.4	<0.2	<20	<5	10
2212		14	54	32	35	4	3	13	0.4	<0.2	<20	<5	<10

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SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
1942		4	51	<20	<2	10	3.0	<0.2	7
1944		10	23	<20	3	10	2.6	0.6	11
1946		6	60	<20	30	16	192.0	7.4	624
1947		<1	14	<20	3	<5	4.6	0.6	28
1948		2	4	<20	<2	<5	1.4	0.4	8
1949		3	55	<20	3	12	8.4	<0.2	21
1951		<1	4	<20	<2	<5	<1.0	0.2	<5
2200		16	18	<20	30	<5	12.0	14.0	430
2201		2	5	<20	6	<5	15.0	1.1	43
2203		<1	5	<20	5	<5	10.0	0.6	44
2204		18	45	<20	14	8	1.8	13.0	95
2205		4	8	<20	2	<5	6.8	0.9	22
2206		17	43	<20	<2	<5	1.1	1.6	32
2207		2	29	<20	<2	10	<1.0	0.2	<5
2208		21	13	<20	5	<5	1.4	1.4	24
2209		8	11	<20	4	<5	2.3	0.9	24
2210		20	20	<20	5	<5	<1.0	3.4	76
2211		<1	39	<20	<2	10	1.4	0.6	14
2212		23	25	<20	8	6	53.0	1.3	18

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STANDARD AME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
HIGH GOLD STANDARD		515	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-
ean Value		515.3	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		500	-	-	-	-	-	-	-	-	-	-	-
CC GEOCHEM STD 6		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
ean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	1.80	6.50	1450	2.70	4.00	-	-	-	50	170	35
CC GEOCHEM STD 3		-	5.34	4.67	831	3.78	4.63	0.37	0.20	<5	27	169	42
umber of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	5.340	4.670	830.8	3.780	4.630	0.370	0.200	2.5	26.7	169.0	42.0
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		-	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180	40
OW AU STANDARD		17	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		1	-	-	-	-	-	-	-	-	-	-	-
Mean Value		17.0	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		17	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK		-	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
NALYTICAL BLANK		-	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
umber of Analyses		-	2	2	2	2	2	2	2	2	2	2	2
Mean Value		-	0.005	0.005	0.5	0.005	0.005	0.005	0.005	2.5	0.5	0.5	0.5
Standard Deviation		-	<0.0001	<0.0001	<0.01	<0.0001	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.01	<0.01
Accepted Value		5	<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1
CC GEOCHEM STD 5		-	3.16	4.58	742	1.90	1.00	0.06	0.31	7	120	50	20
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	3.164	4.580	741.9	1.900	1.000	0.057	0.310	6.6	120.0	50.0	20.0
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	3.09	4.74	720	1.83	1.08	0.06	0.26	18	133	54	18

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STANDARD NAME / ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
HIGH GOLD STANDARD	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
ean Value	-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-	-
CC GEOCHEM STD 6	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value	135	140	140	-	-	-	4	0.2	0.1	-	-	-
CC GEOCHEM STD 3	533	864	497	248	73	3	523	6.7	1.8	<20	43	<10
umber of Analyses	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	533.0	863.7	497.4	248.0	72.6	2.6	523.0	6.70	1.80	10.0	43.0	5.0
tandard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value	600	820	500	310	78	6	600	5.0	2.0	16	50	<1
LOW AU STANDARD	-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
ean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value	-	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK	<1	<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10
ANALYTICAL BLANK	<1	<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10
umber of Analyses	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value	0.5	0.5	0.5	2.5	0.5	0.5	0.5	0.10	0.10	10.0	2.5	5.0
Standard Deviation	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01	<0.01
ccepted Value	1	1	1	5	<1	<1	1	0.2	1.0	<1	5	<1
CC GEOCHEM STD 5	35	95	80	<5	34	4	4	0.8	0.2	<20	<5	<10
umber of Analyses	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	34.7	95.1	79.7	2.5	33.8	4.4	3.5	0.84	0.20	10.0	2.5	5.0
tandard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value	40	90	80	8	39	9	2	0.7	0.1	4	1	<1

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STANDARD NAME / ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
HIGH GOLD STANDARD	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-
ean Value	-	-	-	-	-	-	-	-
tandard Deviation	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-
CC GEOCHEM STD 6	-	-	-	-	-	144.0	0.9	-
Number of Analyses	-	-	-	-	-	1	1	-
ean Value	-	-	-	-	-	144.00	0.86	-
tandard Deviation	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	13	-	-	-	-
CC GEOCHEM STD 3	199	20	<20	248	5	309.0	69.9	3490
umber of Analyses	1	1	1	1	1	1	1	1
Mean Value	199.0	20.5	10.0	248.0	5.0	309.00	69.90	3490.0
tandard Deviation	-	-	-	-	-	-	-	-
ccepted Value	220	6	-	250	4	310.0	70.0	3550
LOW AU STANDARD	-	-	-	-	-	-	-	-
umber of Analyses	-	-	-	-	-	-	-	-
ean Value	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-
ccepted Value	-	-	-	-	-	-	-	-
ANALYTICAL BLANK	<1	<1	<20	<2	<5	-	-	<5
NALYTICAL BLANK	<1	<1	<20	<2	<5	-	-	<5
umber of Analyses	2	2	2	2	2	-	-	2
Mean Value	0.5	0.5	10.0	1.0	2.5	-	-	2.5
Standard Deviation	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01
ccepted Value	<1	<1	<1	2	2	<0.1	<0.1	5
CC GEOCHEM STD 5	175	17	<20	15	<5	-	-	30
Number of Analyses	1	1	1	1	1	-	-	1
Mean Value	175.0	17.0	10.0	15.5	2.5	-	-	29.7
tandard Deviation	-	-	-	-	-	-	-	-
ccepted Value	200	5	2	11	1	8.0	1.0	35

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

EPORT: 094-42201.0 (COMPLETE)

DATE PRINTED: 12-DEC-94
PROJECT: K424

SAMPLE UMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
765		<5	5.24	8.04	1361	3.62	4.31	0.01	0.42	22	192	147	46
Duplicate		<5	5.41	8.03	1382	3.64	4.34	0.01	0.45	22	195	148	47
816		75	0.56	>10.00	504	0.04	0.20	<0.01	0.19	<5	244	29	24
Duplicate			0.56	>10.00	510	0.04	0.20	<0.01	0.19	<5	243	29	25
850		<5	0.25	1.30	60	0.20	<0.01	<0.01	<0.01	<5	10	200	2
Duplicate													
854		30	0.36	1.53	6	<0.01	<0.01	0.01	0.24	<5	17	63	1
Duplicate		32											
861		<5	2.87	9.78	721	1.95	0.16	0.03	0.17	7	212	123	17
rep Duplicate		7	2.90	9.37	746	2.07	0.12	0.02	0.15	8	216	115	16
932		6	2.55	8.31	345	2.37	0.02	<0.01	<0.01	11	113	114	13
uplicate			2.52	8.43	350	2.36	0.01	<0.01	<0.01	11	110	110	14
1951		<5	0.13	1.53	141	0.05	<0.01	<0.01	<0.01	<5	6	282	3
uplicate		<5											
2205		6	0.13	1.97	27	0.05	0.01	<0.01	0.03	<5	11	159	3
rep Duplicate		7	0.12	2.21	25	0.04	<0.01	<0.01	0.04	<5	11	154	3
2208		10	0.17	0.53	38	<0.01	<0.01	<0.01	0.12	<5	9	221	<1
uplicate			0.17	0.54	37	<0.01	<0.01	<0.01	0.12	<5	8	217	<1

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Inchcape Testing Services

Geochemical Lab Report

EPORT: 094-42201.0 (COMPLETE)

DATE PRINTED: 12-DEC-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
765		100	165	177	<5	67	4	5	0.5	<0.2	<20	<5	<10
Duplicate		102	169	180	<5	70	4	4	0.6	<0.2	<20	<5	<10
1816		115	346	2595	<5	8	18	149	3.6	15.1	<20	16	21
Duplicate		118	363	2660	<5	8	18	148	3.8	15.2	<20	16	21
850		4	7	21	12	<1	<1	3	<0.2	<0.2	<20	<5	<10
Duplicate													
854		<1	24	8	<5	1	2	20	0.8	<0.2	<20	9	<10
Duplicate													
861		24	492	123	45	14	5	9	0.7	<0.2	<20	<5	<10
rep Duplicate		23	398	125	41	14	4	8	0.5	<0.2	<20	<5	<10
932		12	109	80	<5	<1	<1	6	0.3	<0.2	<20	<5	<10
uplicate		12	121	80	<5	<1	<1	6	<0.2	0.2	<20	<5	<10
1951		6	8	8	<5	<1	<1	3	<0.2	<0.2	<20	<5	<10
uplicate													
2205		4	15	12	<5	2	<1	4	0.3	<0.2	<20	<5	<10
rep Duplicate		3	13	11	<5	2	<1	5	0.3	<0.2	<20	<5	<10
2208		3	5	3	<5	2	2	8	0.3	<0.2	<20	<5	<10
uplicate		3	5	3	<5	2	2	8	0.4	<0.2	<20	<5	<10

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Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

EPORT: 094-42201.0 (COMPLETE)

DATE PRINTED: 12-DEC-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
765		19	28	<20	58	5	9.0	1.3	14
Duplicate		19	31	<20	59	<5			
1816		19	71	<20	71	19	29.0	20.0	1205
Duplicate		19	78	<20	71	19			1247
350		<1	3	<20	4	<5	17.0	0.3	16
Duplicate							13.0	<0.2	
354		37	29	<20	21	<5	3.5	12.0	348
Duplicate									
361		24	48	<20	7	10	80.0	<0.2	61
Rep Duplicate		20	41	<20	9	10	88.0	<0.2	54
932		<1	22	<20	5	7	10.0	0.4	8
Duplicate		<1	23	<20	4	8			14
1951		<1	4	<20	<2	<5	<1.0	0.2	<5
Duplicate									
2205		4	8	<20	2	<5	6.8	0.9	22
Rep Duplicate		5	10	<20	4	<5	9.2	0.9	21
2208		21	13	<20	5	<5	1.4	1.4	24
Duplicate		20	12	<20	5	<5			18

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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: K...COT...ADA, ...
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

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A9424001

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9424001

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 7-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	10	Geochem ring to approx 150 mesh
226	10	0-5 lb crush and split
229	10	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	10	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	10	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	10	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	10	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	10	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	10	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	10	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	10	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	10	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	10	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	10	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	10	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	10	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	10	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	10	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	10	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	10	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	10	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	10	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	10	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	10	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	10	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	10	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	10	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	10	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	10	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	10	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	10	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	10	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	10	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	10	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	10	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	10	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	10	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Page Number : 1-A
Total Pages : 1
Certificate Date: 07-SEP-94
Invoice No. : I 9424001
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9424001

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2781	205	226	< 5	0.2	0.04	40	< 10	< 0.5	2	2.81	< 0.5	2	170	21	3.33	< 10	< 1	0.01	< 10	0.94	465
2782	205	226	< 5	0.4	0.11	32	10	< 0.5	< 2	7.62	< 0.5	6	115	< 1	11.60	10	< 1	< 0.01	< 10	2.54	3430
2783	205	226	< 5	0.2	0.02	18	< 10	< 0.5	2	1.88	< 0.5	7	201	12	3.21	< 10	< 1	< 0.01	< 10	0.72	665
2784	205	226	< 5	0.2	0.04	6	340	< 0.5	2	1.12	< 0.5	3	243	3	6.08	< 10	< 1	< 0.01	< 10	0.73	550
2785	205	226	20	< 0.2	0.03	50	< 10	< 0.5	< 2	1.34	< 0.5	2	239	3	3.06	< 10	< 1	< 0.01	< 10	0.49	620
2786	205	226	< 5	< 0.2	0.16	56	< 10	< 0.5	4	1.31	< 0.5	3	171	11	9.26	< 10	< 1	0.08	10	0.62	560
2787	205	226	< 5	< 0.2	0.20	110	< 10	< 0.5	< 2	2.05	< 0.5	9	146	7	13.10	< 10	< 1	0.05	10	1.12	405
2788	205	226	< 5	0.4	0.02	6	< 10	< 0.5	< 2	0.05	< 0.5	1	336	7	2.57	< 10	< 1	< 0.01	< 10	0.05	90
2789	205	226	< 5	0.2	2.30	14	20	< 0.5	< 2	0.34	< 0.5	28	147	101	10.20	10	< 1	0.16	< 10	1.73	500
2790	205	226	< 5	< 0.2	0.30	30	< 10	< 0.5	< 2	1.54	< 0.5	8	129	2	>15.00	10	< 1	< 0.01	10	1.51	6300

CERTIFICATION: Jhai D'Ma

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
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TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 07-SEP-94
Invoice No. :I9424001
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9424001

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
2781	205	226	1	< 0.01	7	120	4	2	< 1	34	< 0.01	< 10	< 10	8	< 10	90	70
2782	205	226	< 1	< 0.01	2	340	8	2	< 1	53	< 0.01	< 10	< 10	1	40	8	40
2783	205	226	< 1	< 0.01	7	60	4	2	< 1	12	< 0.01	< 10	< 10	< 1	< 10	2	20
2784	205	226	< 1	< 0.01	5	20	4	< 2	< 1	7	< 0.01	< 10	< 10	2	< 10	4	80
2785	205	226	3	< 0.01	8	70	4	< 2	< 1	5	< 0.01	< 10	< 10	3	< 10	6	230
2786	205	226	< 1	< 0.01	5	3220	6	2	< 1	28	< 0.01	< 10	< 10	4	< 10	8	10
2787	205	226	< 1	< 0.01	7	1220	6	2	1	15	< 0.01	< 10	< 10	4	10	14	30
2788	205	226	< 1	< 0.01	8	220	6	< 2	< 1	1	< 0.01	< 10	< 10	1	< 10	16	20
2789	205	226	< 1	< 0.01	49	330	10	4	6	13	< 0.01	< 10	< 10	59	< 10	104	20
2790	205	226	< 1	< 0.01	6	350	6	2	1	24	< 0.01	< 10	< 10	9	20	12	10

CERTIFICATION:

Chemex Labs Ltd.

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A9423997

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9423997

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 8-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	63	Geochem ring to approx 150 mesh
226	63	0-5 lb crush and split
229	63	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	63	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
997	1	Au g/t: 1 assay ton, grav.	FA-GRAVIMETRIC	0.07	500.0
2118	63	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	63	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	63	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	63	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	63	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	63	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	63	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	63	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	63	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	63	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	63	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	63	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	63	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	63	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	63	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	63	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	63	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	63	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	63	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	63	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	63	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	63	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	63	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	63	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	63	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	63	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	63	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	63	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	63	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	63	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	63	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	63	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	63	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Page Number :1-A
Total Pages :2
Certificate Date: 08-SEP-94
Invoice No. :I9423997
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9423997

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
2116	205	226	< 5	-----	0.2	0.01	16	< 10	< 0.5	< 2	1.32	< 0.5	6	208	79	7.52	< 10	< 1	< 0.01	< 10	0.29
2117	205	226	< 5	-----	< 0.2	0.03	12	< 10	< 0.5	< 2	5.36	< 0.5	2	156	15	6.20	< 10	1	< 0.01	< 10	2.73
2118	205	226	< 5	-----	0.6	0.12	16	< 10	< 0.5	< 2	3.47	< 0.5	3	229	16	8.29	< 10	1	0.04	< 10	1.95
2119	205	226	< 5	-----	0.4	0.07	18	< 10	< 0.5	< 2	2.67	< 0.5	3	123	25	9.59	< 10	< 1	< 0.01	< 10	1.55
2120	205	226	< 5	-----	0.2	0.08	14	< 10	< 0.5	< 2	2.78	< 0.5	3	210	17	9.49	< 10	< 1	< 0.01	< 10	1.51
2121	205	226	< 5	-----	< 0.2	< 0.01	10	< 10	< 0.5	< 2	1.74	< 0.5	1	190	10	11.30	< 10	< 1	< 0.01	< 10	1.31
2122	205	226	< 5	-----	0.2	< 0.01	18	< 10	< 0.5	< 2	3.91	< 0.5	3	168	7	8.49	< 10	< 1	< 0.01	< 10	2.02
2123	205	226	< 5	-----	0.2	0.04	8	< 10	< 0.5	< 2	6.66	< 0.5	4	123	10	13.35	< 10	< 1	0.01	< 10	3.77
2124	205	226	< 5	-----	< 0.2	0.06	22	< 10	< 0.5	< 2	6.47	< 0.5	3	101	8	13.60	< 10	< 1	0.02	< 10	3.53
2125	205	226	< 5	-----	0.4	0.18	4	10	< 0.5	< 2	8.90	< 0.5	2	78	7	11.45	< 10	< 1	0.05	< 10	4.46
2126	205	226	< 5	-----	0.4	0.03	20	< 10	< 0.5	< 2	0.94	< 0.5	2	121	8	12.40	< 10	< 1	< 0.01	< 10	1.66
2127	205	226	< 5	-----	0.8	0.26	6	10	< 0.5	< 2	7.35	< 0.5	2	54	6	8.10	< 10	< 1	0.16	< 10	3.57
2128	205	226	< 5	-----	0.8	0.38	2	10	< 0.5	< 2	14.40	< 0.5	5	22	5	8.08	< 10	< 1	0.08	< 10	6.87
2129	205	226	< 5	-----	0.6	0.01	14	< 10	< 0.5	< 2	1.64	< 0.5	2	51	7	10.35	< 10	< 1	0.02	< 10	1.21
2130	205	226	< 5	-----	0.8	0.06	16	< 10	< 0.5	< 2	5.66	< 0.5	3	22	10	>15.00	< 10	< 1	0.05	< 10	3.99
2131	205	226	< 5	-----	0.8	0.26	22	< 10	< 0.5	< 2	1.13	< 0.5	6	51	12	14.30	< 10	< 1	0.01	< 10	1.65
2132	205	226	< 5	-----	0.2	0.17	14	< 10	< 0.5	< 2	0.96	< 0.5	3	99	14	7.13	< 10	< 1	< 0.01	< 10	1.08
2133	205	226	< 5	-----	0.4	0.19	14	< 10	< 0.5	< 2	0.64	< 0.5	4	133	7	7.46	< 10	1	0.01	< 10	0.77
2134	205	226	< 5	-----	0.4	0.03	22	< 10	< 0.5	< 2	1.59	< 0.5	4	95	6	6.91	< 10	< 1	0.01	< 10	0.66
2135	205	226	< 5	-----	1.2	0.45	36	< 10	< 0.5	< 2	0.34	< 0.5	7	43	11	>15.00	< 10	< 1	0.01	< 10	1.27
2136	205	226	< 5	-----	1.2	0.23	24	10	< 0.5	< 2	2.22	< 0.5	4	114	7	11.55	< 10	< 1	0.08	< 10	1.78
2137	205	226	< 5	-----	< 0.2	0.26	12	< 10	< 0.5	< 2	2.77	< 0.5	2	153	4	6.08	< 10	< 1	0.03	< 10	1.88
2138	205	226	< 5	-----	0.4	0.09	8	< 10	< 0.5	< 2	0.50	< 0.5	2	64	5	7.99	< 10	< 1	< 0.01	< 10	0.59
2139	205	226	< 5	-----	0.8	0.04	8	< 10	< 0.5	< 2	3.45	< 0.5	4	28	7	10.70	< 10	< 1	0.01	< 10	1.89
2140	205	226	< 5	-----	0.4	0.11	22	< 10	< 0.5	< 2	2.59	< 0.5	3	69	15	10.35	< 10	< 1	< 0.01	< 10	1.46
2141	205	226	< 5	-----	0.2	0.12	16	< 10	< 0.5	< 2	1.83	< 0.5	4	52	7	10.60	< 10	< 1	0.01	< 10	1.07
2142	205	226	< 5	-----	0.8	0.17	12	< 10	< 0.5	< 2	8.00	< 0.5	2	46	7	11.50	< 10	< 1	0.01	< 10	3.94
2143	205	226	< 5	-----	0.6	0.17	12	< 10	< 0.5	< 2	9.10	< 0.5	< 1	25	6	9.17	< 10	< 1	0.01	< 10	4.38
2160	205	226	< 5	-----	0.2	0.22	20	< 10	< 0.5	< 2	10.05	< 0.5	1	40	11	11.55	< 10	< 1	0.03	< 10	5.01
2161	205	226	< 5	-----	0.2	0.02	8	< 10	< 0.5	< 2	7.32	< 0.5	< 1	65	4	5.42	< 10	< 1	< 0.01	< 10	2.94
2162	205	226	< 5	-----	< 0.2	< 0.01	6	< 10	< 0.5	< 2	2.41	< 0.5	2	70	6	7.68	< 10	1	< 0.01	< 10	1.05
2163	205	226	710	-----	< 0.2	0.12	20	< 10	< 0.5	< 2	7.57	< 0.5	2	65	9	>15.00	< 10	< 1	< 0.01	< 10	3.98
2164	205	226	< 5	-----	0.2	0.15	8	< 10	< 0.5	< 2	9.58	< 0.5	3	48	8	11.25	< 10	< 1	0.02	< 10	4.98
2165	205	226	25	-----	0.2	0.09	14	< 10	< 0.5	< 2	5.11	< 0.5	3	104	25	10.65	< 10	< 1	< 0.01	< 10	2.42
2166	205	226	3010	6.48	0.8	0.09	26	< 10	< 0.5	< 2	0.22	< 0.5	3	115	22	>15.00	< 10	< 1	< 0.01	< 10	0.88
2167	205	226	20	-----	0.4	0.11	16	< 10	< 0.5	< 2	5.51	< 0.5	4	117	33	9.69	< 10	< 1	< 0.01	< 10	2.40
2168	205	226	< 5	-----	0.4	0.18	4	< 10	< 0.5	< 2	7.14	< 0.5	3	199	10	7.37	< 10	< 1	< 0.01	< 10	3.22
2169	205	226	< 5	-----	0.6	0.13	14	< 10	< 0.5	< 2	7.77	< 0.5	7	75	6	8.19	< 10	< 1	< 0.01	< 10	3.37
2170	205	226	< 5	-----	0.2	0.08	16	< 10	< 0.5	< 2	4.45	< 0.5	2	105	4	7.26	< 10	< 1	< 0.01	< 10	1.92
2171	205	226	< 5	-----	0.2	0.04	22	< 10	< 0.5	< 2	0.16	< 0.5	2	143	7	12.40	< 10	< 1	< 0.01	< 10	0.26

CERTIFICATION: Steve Buckler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 08-SEP-94
Invoice No. :19423997
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9423997

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
2116	205 226	380	4	< 0.01	27	80	< 2	4	< 1	16	< 0.01	< 10	< 10	7	< 10	12	10
2117	205 226	2100	< 1	< 0.01	2	370	< 2	6	< 1	34	< 0.01	< 10	< 10	7	10	12	10
2118	205 226	5830	< 1	< 0.01	12	220	< 2	6	1	19	0.01	< 10	10	15	10	8	10
2119	205 226	4410	< 1	< 0.01	5	160	< 2	8	< 1	17	< 0.01	< 10	< 10	10	10	6	10
2120	205 226	3780	< 1	< 0.01	6	300	< 2	8	1	18	< 0.01	< 10	< 10	12	10	38	10
2121	205 226	2470	< 1	< 0.01	2	180	< 2	6	< 1	15	< 0.01	< 10	< 10	9	< 10	44	10
2122	205 226	3130	< 1	< 0.01	2	30	< 2	6	< 1	22	< 0.01	< 10	< 10	8	10	24	10
2123	205 226	3740	< 1	< 0.01	< 1	310	< 2	12	1	48	< 0.01	< 10	< 10	15	30	14	10
2124	205 226	3800	< 1	< 0.01	< 1	70	< 2	12	1	46	< 0.01	< 10	< 10	17	30	6	10
2125	205 226	4490	< 1	< 0.01	1	100	< 2	6	1	165	< 0.01	< 10	< 10	24	30	14	10
2126	205 226	4640	< 1	< 0.01	1	220	< 2	8	1	7	< 0.01	< 10	< 10	10	< 10	6	10
2127	205 226	6460	< 1	< 0.01	3	200	< 2	6	1	35	0.02	< 10	10	24	20	6	10
2128	205 226	6460	< 1	< 0.01	5	110	< 2	6	1	59	0.01	< 10	20	37	40	6	10
2129	205 226	6410	< 1	< 0.01	< 1	130	< 2	6	1	13	< 0.01	< 10	10	7	< 10	4	10
2130	205 226	8910	< 1	< 0.01	< 1	390	< 2	16	1	33	< 0.01	< 10	10	17	30	12	10
2131	205 226	8730	1	< 0.01	4	210	< 2	10	1	9	< 0.01	< 10	10	31	< 10	6	10
2132	205 226	2780	< 1	< 0.01	5	140	< 2	6	< 1	6	< 0.01	< 10	< 10	15	< 10	6	10
2133	205 226	5670	< 1	< 0.01	6	110	< 2	4	1	5	< 0.01	< 10	< 10	22	< 10	8	10
2134	205 226	5070	< 1	< 0.01	3	100	< 2	4	< 1	9	< 0.01	< 10	< 10	11	< 10	6	10
2135	205 226	>10000	1	< 0.01	9	380	< 2	16	2	4	< 0.01	< 10	10	43	< 10	6	20
2136	205 226	9090	< 1	< 0.01	3	210	< 2	8	1	13	0.01	< 10	10	32	10	6	10
2137	205 226	1880	< 1	< 0.01	3	220	< 2	4	1	17	0.01	< 10	< 10	25	< 10	4	10
2138	205 226	4700	1	< 0.01	1	120	< 2	4	< 1	4	< 0.01	< 10	< 10	10	< 10	4	10
2139	205 226	7430	< 1	< 0.01	2	230	< 2	8	1	17	< 0.01	< 10	10	11	10	4	10
2140	205 226	4450	< 1	< 0.01	4	190	< 2	8	< 1	14	< 0.01	< 10	< 10	12	< 10	4	10
2141	205 226	5080	< 1	< 0.01	1	220	< 2	8	1	11	< 0.01	< 10	< 10	14	< 10	8	10
2142	205 226	7040	< 1	< 0.01	2	160	< 2	10	1	45	< 0.01	< 10	10	24	30	4	10
2143	205 226	5850	< 1	< 0.01	< 1	130	< 2	8	1	40	< 0.01	< 10	10	19	20	4	10
2160	205 226	4040	< 1	< 0.01	1	70	< 2	8	1	49	< 0.01	< 10	< 10	30	30	6	10
2161	205 226	2360	< 1	< 0.01	1	190	< 2	4	< 1	79	< 0.01	< 10	< 10	7	10	6	10
2162	205 226	1940	< 1	< 0.01	2	170	< 2	6	< 1	16	< 0.01	< 10	< 10	4	< 10	2	10
2163	205 226	3980	< 1	< 0.01	< 1	110	< 2	14	1	70	< 0.01	< 10	< 10	22	30	16	10
2164	205 226	4810	< 1	< 0.01	1	280	< 2	12	1	44	< 0.01	< 10	< 10	21	30	6	10
2165	205 226	3430	< 1	< 0.01	5	230	< 2	6	1	53	< 0.01	< 10	< 10	15	10	6	10
2166	205 226	5920	2	< 0.01	1	250	< 2	12	1	5	< 0.01	< 10	< 10	10	< 10	30	10
2167	205 226	2730	< 1	< 0.01	8	260	< 2	8	< 1	65	< 0.01	< 10	< 10	14	10	6	10
2168	205 226	4350	< 1	< 0.01	7	200	< 2	6	1	64	< 0.01	< 10	< 10	19	10	8	10
2169	205 226	4680	< 1	< 0.01	9	150	< 2	8	1	56	< 0.01	< 10	< 10	19	10	14	10
2170	205 226	3740	1	< 0.01	1	100	< 2	6	< 1	26	< 0.01	< 10	< 10	12	< 10	4	10
2171	205 226	5140	1	< 0.01	< 1	130	< 2	8	1	3	< 0.01	< 10	< 10	9	< 10	8	20

CERTIFICATION: Stewart Bachler

Chemex Labs Ltd.

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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 08-SEP-94
Invoice No. : I9423997
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9423997

SAMPLE	PREP CODE		Au ppb FA+AA	Au FA g/t	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
2172	205	226	< 5	-----	< 0.2	0.05	12	< 10	< 0.5	< 2	0.22	< 0.5	2	183	6	6.11	< 10	< 1	< 0.01	< 10	0.30
2173	205	226	560	-----	0.2	0.04	4	< 10	< 0.5	< 2	10.20	< 0.5	3	66	5	9.49	< 10	< 1	0.01	< 10	4.46
2174	205	226	95	-----	0.2	0.07	8	< 10	< 0.5	< 2	7.18	< 0.5	1	81	5	9.02	< 10	< 1	0.01	< 10	3.12
2175	205	226	< 5	-----	< 0.2	< 0.01	4	< 10	< 0.5	< 2	0.23	< 0.5	1	76	3	6.70	< 10	1	< 0.01	< 10	0.14
2176	205	226	< 5	-----	< 0.2	0.03	8	< 10	< 0.5	< 2	6.62	< 0.5	< 1	105	4	5.93	< 10	< 1	0.01	< 10	2.71
2178	205	226	< 5	-----	0.2	0.04	12	< 10	< 0.5	< 2	10.60	< 0.5	1	56	4	6.88	< 10	< 1	< 0.01	< 10	4.54
2179	205	226	< 5	-----	0.2	0.02	8	< 10	< 0.5	< 2	9.37	< 0.5	1	89	6	9.85	< 10	< 1	0.02	< 10	4.21
2180	205	226	< 5	-----	0.2	0.09	18	< 10	< 0.5	< 2	1.44	< 0.5	2	95	9	7.75	< 10	< 1	< 0.01	< 10	0.72
2181	205	226	< 5	-----	0.6	0.11	6	< 10	< 0.5	< 2	4.62	< 0.5	7	52	8	13.30	< 10	< 1	0.03	< 10	3.38
2182	205	226	< 5	-----	0.4	0.03	16	< 10	< 0.5	< 2	1.55	< 0.5	3	58	9	13.15	< 10	< 1	0.01	< 10	2.02
2183	205	226	< 5	-----	0.2	0.04	6	< 10	< 0.5	< 2	0.77	< 0.5	1	141	6	10.15	< 10	1	< 0.01	< 10	1.01
2184	205	226	< 5	-----	0.8	0.31	20	< 10	< 0.5	< 2	11.20	< 0.5	4	65	9	11.75	< 10	< 1	0.01	< 10	5.54
2185	205	226	< 5	-----	0.6	0.16	14	< 10	< 0.5	< 2	6.37	< 0.5	4	64	7	12.05	< 10	< 1	0.01	< 10	3.82
2186	205	226	< 5	-----	1.2	0.33	6	< 10	< 0.5	< 2	5.67	< 0.5	4	62	11	13.15	< 10	< 1	0.11	< 10	3.58
2187	205	226	< 5	-----	0.4	0.28	18	< 10	< 0.5	< 2	9.41	< 0.5	3	62	7	10.55	< 10	< 1	0.10	< 10	4.74
2188	205	226	< 5	-----	0.6	0.01	24	< 10	< 0.5	< 2	2.80	< 0.5	4	106	9	>15.00	< 10	< 1	< 0.01	< 10	2.39
2189	205	226	< 5	-----	0.4	0.07	16	< 10	< 0.5	< 2	5.28	< 0.5	3	57	7	10.20	< 10	< 1	< 0.01	< 10	2.99
2190	205	226	< 5	-----	0.2	0.04	16	< 10	< 0.5	< 2	4.48	< 0.5	1	97	6	8.40	< 10	< 1	0.01	< 10	2.40
2191	205	226	< 5	-----	0.4	0.12	8	10	< 0.5	< 2	10.80	< 0.5	4	58	8	11.70	< 10	< 1	0.08	< 10	5.44
2192	205	226	< 5	-----	1.2	0.24	24	< 10	< 0.5	< 2	8.31	< 0.5	2	37	9	>15.00	< 10	< 1	0.02	< 10	5.55
2195	205	226	< 5	-----	0.6	0.08	26	< 10	< 0.5	< 2	4.50	< 0.5	3	43	8	13.45	< 10	< 1	0.02	< 10	2.78
2196	205	226	< 5	-----	0.2	0.21	12	< 10	< 0.5	< 2	2.53	< 0.5	4	97	4	5.38	< 10	< 1	0.03	< 10	1.17
2197	205	226	< 5	-----	0.2	0.01	10	< 10	< 0.5	< 2	1.05	< 0.5	2	69	5	5.48	< 10	< 1	0.01	< 10	0.40

CERTIFICATION: Ian Bickler

Chemex Labs Ltd.

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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 08-SEP-94
Invoice No. :I9423997
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9423997

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
2172	205	226	2720	1	< 0.01	3	70	< 2	4	< 1	3	< 0.01	< 10	< 10	6	< 10	6	10
2173	205	226	4500	< 1	< 0.01	1	90	< 2	8	< 1	190	< 0.01	< 10	< 10	11	20	16	10
2174	205	226	3980	< 1	< 0.01	2	210	< 2	6	< 1	127	< 0.01	< 10	< 10	10	10	6	10
2175	205	226	1825	< 1	< 0.01	1	400	< 2	6	< 1	4	< 0.01	< 10	< 10	2	< 10	4	10
2176	205	226	1950	< 1	< 0.01	2	100	< 2	6	< 1	38	< 0.01	< 10	< 10	9	< 10	2	10
2178	205	226	2960	< 1	< 0.01	< 1	< 10	< 2	6	< 1	155	< 0.01	< 10	< 10	10	20	8	10
2179	205	226	4080	< 1	< 0.01	1	160	< 2	8	< 1	48	< 0.01	< 10	< 10	11	20	2	10
2180	205	226	4000	< 1	< 0.01	2	160	< 2	4	< 1	9	< 0.01	< 10	< 10	7	< 10	12	10
2181	205	226	7270	< 1	< 0.01	< 1	220	< 2	10	1	25	< 0.01	< 10	10	19	10	6	10
2182	205	226	6830	1	< 0.01	1	220	< 2	10	1	10	< 0.01	< 10	< 10	11	< 10	4	10
2183	205	226	4790	1	< 0.01	3	320	< 2	8	< 1	7	< 0.01	< 10	< 10	8	< 10	12	10
2184	205	226	6890	< 1	< 0.01	7	380	< 2	12	2	89	< 0.01	< 10	10	27	20	32	10
2185	205	226	6520	< 1	< 0.01	< 1	160	< 2	10	1	64	< 0.01	< 10	< 10	19	10	8	10
2186	205	226	9390	< 1	< 0.01	4	210	< 2	14	2	46	0.02	< 10	10	30	10	8	10
2187	205	226	5170	< 1	< 0.01	2	240	< 2	8	1	70	0.01	< 10	< 10	25	20	4	10
2188	205	226	7510	< 1	< 0.01	< 1	510	< 2	12	1	18	< 0.01	< 10	< 10	12	< 10	42	10
2189	205	226	4490	1	< 0.01	2	150	< 2	12	1	27	< 0.01	< 10	< 10	13	< 10	4	10
2190	205	226	3080	< 1	< 0.01	1	200	< 2	6	< 1	20	< 0.01	< 10	< 10	13	< 10	2	10
2191	205	226	4910	< 1	< 0.01	2	200	< 2	10	1	56	< 0.01	< 10	< 10	20	20	2	10
2192	205	226	>10000	< 1	< 0.01	< 1	590	< 2	16	3	120	< 0.01	< 10	20	28	20	56	10
2195	205	226	7540	< 1	< 0.01	< 1	190	< 2	14	1	27	< 0.01	< 10	10	17	< 10	6	10
2196	205	226	2560	1	< 0.01	6	160	< 2	6	< 1	20	0.01	< 10	< 10	19	< 10	4	10
2197	205	226	3490	< 1	< 0.01	3	20	< 2	4	< 1	8	< 0.01	< 10	< 10	4	< 10	4	10

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
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PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

RECU/Received

A9424000

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9424000

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 8-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	65	Geochem ring to approx 150 mesh
226	65	0-5 lb crush and split
229	65	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	65	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	65	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	65	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	65	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	65	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	65	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	65	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	65	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	65	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	65	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	65	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	65	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	65	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	65	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	65	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	65	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	65	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	65	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	65	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	65	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	65	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	65	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	65	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	65	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	65	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	65	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	65	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	65	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	65	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	65	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	65	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	65	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	65	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
20	65	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 08-SEP-94
Invoice No. : I9424000
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9424000

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2049	205	226	< 5	0.2	4.65	< 2	40	< 0.5	< 2	5.46	< 0.5	35	194	131	7.49	10	< 1	< 0.01	< 10	3.18	1020
2243	205	226	< 5	0.4	5.17	94	30	< 0.5	< 2	0.02	< 0.5	9	254	174	12.25	20	< 1	0.01	< 10	3.36	835
2244	205	226	< 5	0.4	3.59	2	210	< 0.5	< 2	0.42	< 0.5	16	249	88	7.39	10	< 1	0.01	< 10	2.57	750
2245	205	226	< 5	0.8	0.55	< 2	30	< 0.5	< 2	0.14	< 0.5	1	74	15	3.22	< 10	< 1	0.19	40	0.16	90
2246	205	226	< 5	0.2	2.51	< 2	60	< 0.5	< 2	0.09	< 0.5	10	68	8	6.44	10	< 1	0.32	10	0.85	650
2247	205	226	< 5	< 0.2	4.36	< 2	20	< 0.5	< 2	0.69	< 0.5	14	216	122	10.60	20	< 1	0.05	10	2.85	730
2248	205	226	< 5	0.2	0.30	< 2	20	< 0.5	< 2	0.66	< 0.5	8	62	46	6.68	< 10	< 1	0.06	< 10	0.30	2530
2723	205	226	< 5	< 0.2	0.27	< 2	20	< 0.5	< 2	1.57	< 0.5	8	98	17	13.55	10	< 1	< 0.01	< 10	1.56	4840
2724	205	226	< 5	< 0.2	0.20	< 2	20	< 0.5	< 2	4.12	< 0.5	6	88	< 1	12.90	10	< 1	< 0.01	< 10	2.33	5080
2725	205	226	< 5	< 0.2	0.19	< 2	10	< 0.5	< 2	0.14	< 0.5	6	94	24	9.75	< 10	< 1	< 0.01	< 10	0.23	1295
2726	205	226	35	0.4	0.27	66	< 10	< 0.5	< 2	0.13	< 0.5	30	51	77	>15.00	< 10	< 1	0.12	< 10	0.26	675
2727	205	226	< 5	< 0.2	0.78	< 2	20	< 0.5	< 2	0.22	< 0.5	11	50	3	>15.00	10	< 1	0.11	10	1.27	>10000
2728	205	226	< 5	0.2	0.10	< 2	30	< 0.5	< 2	0.01	< 0.5	2	42	55	12.30	< 10	< 1	0.02	< 10	0.04	540
2729	205	226	< 5	< 0.2	0.14	< 2	< 10	< 0.5	< 2	1.93	< 0.5	6	48	< 1	>15.00	10	< 1	< 0.01	< 10	2.07	3490
2730	205	226	< 5	< 0.2	0.12	< 2	10	< 0.5	< 2	0.02	< 0.5	1	98	43	14.80	< 10	< 1	0.02	< 10	0.04	920
2731	205	226	< 5	< 0.2	0.19	< 2	10	< 0.5	< 2	0.37	< 0.5	4	82	8	>15.00	10	< 1	< 0.01	10	1.14	2370
2732	205	226	< 5	< 0.2	0.19	< 2	20	< 0.5	< 2	0.17	< 0.5	2	118	14	13.30	< 10	< 1	0.10	20	0.63	1060
2733	205	226	< 5	0.4	0.21	< 2	10	< 0.5	< 2	< 0.01	< 0.5	1	99	19	8.20	< 10	< 1	0.13	10	0.02	70
2734	205	226	< 5	< 0.2	0.09	< 2	< 10	< 0.5	< 2	0.01	< 0.5	1	45	14	7.78	< 10	< 1	0.03	< 10	0.05	540
2735	205	226	< 5	< 0.2	0.11	< 2	10	< 0.5	< 2	0.05	< 0.5	1	101	41	>15.00	< 10	< 1	< 0.01	< 10	0.07	1005
2736	205	226	< 5	< 0.2	1.06	< 2	< 10	< 0.5	< 2	0.37	< 0.5	5	84	39	13.15	10	< 1	< 0.01	10	0.61	2220
2737	205	226	< 5	< 0.2	0.63	36	< 10	< 0.5	< 2	0.03	1.5	42	< 1	401	>15.00	< 10	< 1	< 0.01	< 10	0.04	65
2738	205	226	720	< 0.2	0.40	12	20	< 0.5	< 2	0.04	< 0.5	4	41	59	>15.00	< 10	< 1	0.11	< 10	0.43	1880
2739	205	226	< 5	< 0.2	0.16	32	< 10	< 0.5	< 2	0.80	< 0.5	6	55	71	>15.00	< 10	< 1	0.01	10	0.54	2170
2740	205	226	10	< 0.2	1.58	42	< 10	< 0.5	< 2	0.06	16.0	38	67	728	>15.00	10	< 1	0.14	10	1.10	245
2741	205	226	< 5	< 0.2	0.46	16	30	< 0.5	< 2	0.61	< 0.5	8	71	6	>15.00	10	< 1	0.18	10	1.04	6440
2742	205	226	< 5	0.2	1.73	2	10	< 0.5	2	0.07	< 0.5	6	132	41	4.65	< 10	< 1	0.02	10	1.23	535
2743	205	226	< 5	0.8	0.77	44	10	< 0.5	< 2	0.06	< 0.5	12	84	44	6.90	< 10	< 1	0.13	10	0.73	185
2744	205	226	< 5	< 0.2	0.71	48	< 10	< 0.5	< 2	0.03	< 0.5	5	34	453	>15.00	< 10	< 1	0.15	< 10	0.52	235
2745	205	226	< 5	0.2	0.08	6	10	< 0.5	< 2	0.04	< 0.5	4	270	10	4.11	< 10	< 1	0.01	< 10	0.22	1455
2746	205	226	< 5	< 0.2	0.59	22	40	< 0.5	< 2	0.24	< 0.5	11	60	46	>15.00	10	< 1	0.28	10	1.05	6660
2747	205	226	< 5	0.4	0.83	20	20	< 0.5	< 2	0.08	< 0.5	8	65	102	12.55	< 10	< 1	0.03	< 10	0.36	895
2748	205	226	< 5	< 0.2	0.38	30	10	< 0.5	< 2	0.13	< 0.5	6	32	38	>15.00	< 10	< 1	0.10	< 10	0.39	2700
2749	205	226	< 5	0.6	0.69	12	< 10	< 0.5	< 2	0.85	< 0.5	22	95	80	13.20	< 10	< 1	< 0.01	< 10	0.56	890
2750	205	226	< 5	0.8	0.15	24	< 10	< 0.5	< 2	0.03	< 0.5	9	84	112	>15.00	< 10	< 1	0.03	< 10	0.09	485
2751	205	226	< 5	0.4	1.66	32	40	< 0.5	< 2	0.02	< 0.5	9	190	39	9.68	< 10	< 1	0.77	10	0.78	415
2752	205	226	< 5	< 0.2	0.16	20	< 10	< 0.5	< 2	6.45	< 0.5	6	78	1	11.75	10	< 1	< 0.01	< 10	3.14	2950
2753	205	226	< 5	0.6	0.14	4	< 10	< 0.5	< 2	2.83	< 0.5	4	49	< 1	9.75	< 10	< 1	< 0.01	< 10	1.81	2040
2754	205	226	< 5	0.4	0.09	6	< 10	< 0.5	< 2	3.12	< 0.5	4	57	1	9.28	< 10	< 1	< 0.01	< 10	1.69	1905
2755	205	226	< 5	1.2	1.58	40	< 10	< 0.5	< 2	0.19	< 0.5	7	101	145	>15.00	10	< 1	0.07	10	1.26	345

CERTIFICATION: Ian Bichler

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To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 08-SEP-94
Invoice No. :I9424000
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9424000

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
2049	205 226	< 1	< 0.01	69	310	8	6	30	22	0.25	< 10	< 10	257	30	90	20
2243	205 226	< 1	< 0.01	12	370	30	2	25	1	< 0.01	< 10	< 10	267	10	386	140
2244	205 226	2	< 0.01	29	260	14	6	19	7	< 0.01	< 10	< 10	181	10	126	10
2245	205 226	10	< 0.01	3	210	32	< 2	1	4	< 0.01	10	< 10	14	< 10	54	30
2246	205 226	< 1	< 0.01	24	230	22	< 2	2	9	0.05	< 10	< 10	16	< 10	58	10
2247	205 226	< 1	< 0.01	24	320	20	< 2	15	7	< 0.01	10	< 10	178	20	282	260
2248	205 226	< 1	< 0.01	18	120	2	< 2	< 1	19	< 0.01	< 10	< 10	16	< 10	20	10
2723	205 226	< 1	< 0.01	11	280	< 2	< 2	1	18	< 0.01	10	< 10	7	10	34	10
2724	205 226	< 1	< 0.01	4	240	4	< 2	1	38	< 0.01	10	< 10	3	30	26	10
2725	205 226	1	< 0.01	10	200	2	< 2	< 1	4	< 0.01	< 10	< 10	6	< 10	14	20
2726	205 226	7	< 0.01	38	120	46	2	1	5	< 0.01	< 10	< 10	< 1	< 10	34	80
2727	205 226	< 1	< 0.01	9	370	< 2	2	3	12	0.01	10	< 10	44	< 10	50	20
2728	205 226	< 1	< 0.01	6	110	< 2	< 2	< 1	1	< 0.01	< 10	< 10	< 1	< 10	14	10
2729	205 226	< 1	< 0.01	4	120	< 2	2	1	18	< 0.01	20	< 10	< 1	20	8	10
2730	205 226	< 1	< 0.01	6	220	< 2	< 2	< 1	1	< 0.01	< 10	< 10	< 1	< 10	28	10
2731	205 226	< 1	< 0.01	8	120	< 2	2	1	7	< 0.01	10	< 10	< 1	< 10	70	10
2732	205 226	6	< 0.01	4	160	2	< 2	1	3	< 0.01	10	< 10	2	< 10	42	10
2733	205 226	12	< 0.01	2	120	8	< 2	< 1	< 1	< 0.01	< 10	< 10	3	< 10	26	20
2734	205 226	7	< 0.01	3	120	2	< 2	< 1	< 1	< 0.01	< 10	< 10	< 1	< 10	24	10
2735	205 226	2	< 0.01	7	30	< 2	< 2	< 1	1	< 0.01	< 10	< 10	< 1	< 10	14	30
2736	205 226	2	< 0.01	6	370	< 2	< 2	3	6	< 0.01	< 10	< 10	68	< 10	18	10
2737	205 226	< 1	0.01	187	< 10	8	< 2	3	< 1	< 0.01	< 10	< 10	5	90	< 2	10
2738	205 226	< 1	< 0.01	4	90	< 2	2	1	2	< 0.01	< 10	< 10	18	< 10	18	20
2739	205 226	< 1	< 0.01	4	110	2	2	1	12	< 0.01	10	< 10	3	< 10	16	10
2740	205 226	27	< 0.01	181	< 10	112	4	5	2	0.02	20	< 10	58	< 10	1965	100
2741	205 226	< 1	< 0.01	7	240	2	2	2	9	0.02	10	< 10	11	10	16	10
2742	205 226	1	< 0.01	9	100	4	< 2	2	2	< 0.01	< 10	< 10	34	< 10	74	10
2743	205 226	15	0.01	19	140	22	2	1	3	< 0.01	< 10	< 10	32	< 10	54	50
2744	205 226	9	< 0.01	239	< 10	2	4	2	1	< 0.01	10	< 10	< 1	< 10	486	80
2745	205 226	< 1	< 0.01	8	90	< 2	< 2	< 1	1	< 0.01	< 10	< 10	1	< 10	20	10
2746	205 226	< 1	< 0.01	8	290	32	2	2	6	0.03	10	< 10	24	< 10	76	10
2747	205 226	< 1	< 0.01	5	220	< 2	< 2	1	3	0.01	< 10	< 10	44	< 10	10	10
2748	205 226	< 1	< 0.01	5	160	< 2	< 2	1	3	0.01	10	< 10	19	< 10	30	10
2749	205 226	< 1	< 0.01	35	20	< 2	2	4	22	< 0.01	10	< 10	28	< 10	28	10
2750	205 226	1	< 0.01	7	180	8	< 2	< 1	1	< 0.01	< 10	< 10	2	< 10	4	10
2751	205 226	3	< 0.01	27	190	2	2	3	4	0.11	10	< 10	53	< 10	40	10
2752	205 226	< 1	< 0.01	2	100	< 2	4	1	42	< 0.01	< 10	< 10	7	30	8	10
2753	205 226	< 1	< 0.01	1	160	< 2	2	< 1	22	< 0.01	10	< 10	1	20	6	10
2754	205 226	< 1	< 0.01	1	490	< 2	< 2	< 1	19	< 0.01	10	< 10	< 1	10	4	10
2755	205 226	10	< 0.01	17	480	18	2	3	5	< 0.01	10	< 10	42	< 10	104	20

CERTIFICATION: Stuart Bichler

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To: KENNECOTT CANADA, INC.
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Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Page Number :2-A
Total Pages :2
Certificate Date: 08-SEP-94
Invoice No. :19424000
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9424000

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
2756	205	226	< 5	0.6	0.24	10	< 10	< 0.5	< 2	0.14	< 0.5	4	113	25	4.55	< 10	< 1	0.03	10	0.20	385
2757	205	226	< 5	0.2	0.43	2	60	< 0.5	< 2	1.91	< 0.5	6	71	39	4.14	< 10	< 1	0.13	< 10	0.75	2660
2758	205	226	< 5	0.2	0.08	16	< 10	< 0.5	< 2	0.10	< 0.5	3	74	13	8.81	< 10	< 1	< 0.01	< 10	0.09	2950
2759	205	226	< 5	0.2	0.10	2	< 10	< 0.5	< 2	3.24	< 0.5	5	58	< 1	7.29	< 10	< 1	< 0.01	< 10	1.25	3720
2760	205	226	< 5	0.2	0.09	< 2	10	< 0.5	< 2	4.64	< 0.5	3	100	1	3.64	< 10	< 1	< 0.01	< 10	1.77	1075
2761	205	226	15	< 0.2	0.08	6	20	< 0.5	< 2	5.04	< 0.5	6	86	< 1	9.27	< 10	< 1	< 0.01	< 10	2.25	2610
2762	205	226	< 5	< 0.2	< 0.01	< 2	< 10	< 0.5	< 2	0.16	< 0.5	< 1	61	3	0.69	< 10	< 1	< 0.01	< 10	0.02	105
2763	205	226	< 5	< 0.2	0.08	8	< 10	< 0.5	< 2	3.62	< 0.5	4	94	< 1	7.44	< 10	< 1	< 0.01	< 10	1.71	2400
2764	205	226	< 5	0.2	0.06	14	< 10	< 0.5	< 2	3.05	< 0.5	3	68	1	5.39	< 10	< 1	< 0.01	< 10	1.19	1600
2765	205	226	< 5	0.6	0.08	22	10	< 0.5	< 2	2.92	< 0.5	5	95	< 1	9.83	< 10	< 1	< 0.01	< 10	1.41	2490
2766	205	226	< 5	0.2	0.17	4	< 10	< 0.5	< 2	0.03	< 0.5	1	174	9	3.98	< 10	< 1	0.07	< 10	0.06	745
2767	205	226	< 5	0.2	2.33	36	30	< 0.5	< 2	0.05	< 0.5	6	120	38	>15.00	10	< 1	0.25	< 10	0.97	1220
2768	205	226	< 5	0.2	0.16	8	10	< 0.5	< 2	4.28	< 0.5	4	64	3	7.68	< 10	< 1	< 0.01	< 10	2.13	2800
2769	205	226	< 5	0.4	1.37	< 2	20	< 0.5	2	1.11	< 0.5	4	73	5	4.50	10	< 1	< 0.01	10	1.11	690
2770	205	226	< 5	< 0.2	0.16	8	< 10	< 0.5	< 2	2.41	< 0.5	4	69	< 1	10.70	< 10	< 1	< 0.01	< 10	1.00	3380
2771	205	226	< 5	< 0.2	0.07	2	< 10	< 0.5	< 2	0.02	< 0.5	1	221	6	1.57	< 10	< 1	< 0.01	< 10	0.04	70
2772	205	226	20	0.6	1.21	8	< 10	< 0.5	< 2	0.19	< 0.5	18	249	208	14.75	< 10	< 1	< 0.01	< 10	0.57	300
2773	205	226	< 5	< 0.2	0.04	< 2	< 10	< 0.5	< 2	2.32	< 0.5	4	329	20	3.15	< 10	< 1	< 0.01	< 10	1.02	675
2774	205	226	< 5	0.4	0.36	8	< 10	< 0.5	< 2	1.26	< 0.5	6	131	10	10.05	< 10	< 1	0.01	10	1.17	4120
2775	205	226	< 5	0.2	0.18	20	< 10	< 0.5	< 2	4.98	< 0.5	6	137	2	11.75	< 10	< 1	< 0.01	< 10	2.39	3890
2776	205	226	< 5	< 0.2	0.46	24	< 10	< 0.5	< 2	6.33	< 0.5	10	182	26	11.25	10	< 1	0.04	< 10	3.53	3190
2777	205	226	< 5	0.2	0.04	8	10	< 0.5	< 2	0.12	< 0.5	1	113	17	3.44	< 10	< 1	0.01	< 10	0.08	135
2778	205	226	< 5	< 0.2	0.18	28	< 10	< 0.5	< 2	0.56	< 0.5	12	179	311	>15.00	10	< 1	< 0.01	10	0.28	460
2779	205	226	< 5	0.4	0.12	24	< 10	< 0.5	< 2	1.34	< 0.5	4	297	123	11.70	< 10	< 1	0.02	< 10	0.88	890
2780	205	226	< 5	< 0.2	0.28	16	< 10	< 0.5	< 2	4.77	< 0.5	6	91	22	14.50	10	< 1	0.04	< 10	2.50	2580

CERTIFICATION: Hart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 08-SEP-94
Invoice No. : I9424000
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9424000

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Hg ppb
2756	205	226	7	< 0.01	6	300	2	< 2	< 1	3	< 0.01	10	< 10	12	< 10	16	10
2757	205	226	< 1	< 0.01	4	310	4	2	< 1	13	< 0.01	10	< 10	16	< 10	6	10
2758	205	226	< 1	< 0.01	3	150	2	< 2	< 1	1	< 0.01	10	< 10	< 1	< 10	2	10
2759	205	226	< 1	< 0.01	2	150	< 2	< 2	< 1	14	< 0.01	10	< 10	1	10	2	10
2760	205	226	< 1	< 0.01	2	120	< 2	2	< 1	19	< 0.01	< 10	< 10	3	10	2	10
2761	205	226	< 1	< 0.01	2	80	4	2	< 1	51	< 0.01	10	< 10	< 1	20	8	10
2762	205	226	< 1	< 0.01	2	< 10	< 2	< 2	< 1	2	< 0.01	< 10	< 10	< 1	< 10	< 2	10
2763	205	226	< 1	< 0.01	2	190	2	2	< 1	32	< 0.01	10	< 10	< 1	10	4	10
2764	205	226	< 1	< 0.01	< 1	110	< 2	< 2	< 1	24	< 0.01	10	< 10	1	< 10	2	10
2765	205	226	< 1	< 0.01	1	100	< 2	2	< 1	15	< 0.01	20	< 10	1	10	12	10
2766	205	226	< 1	< 0.01	5	< 10	4	< 2	< 1	< 1	< 0.01	10	< 10	12	< 10	8	10
2767	205	226	21	< 0.01	11	190	6	2	6	2	0.04	40	< 10	222	< 10	192	10
2768	205	226	< 1	< 0.01	3	300	4	2	< 1	36	< 0.01	10	< 10	8	10	8	10
2769	205	226	1	< 0.01	8	470	< 2	< 2	2	14	0.02	10	< 10	81	< 10	76	10
2770	205	226	< 1	< 0.01	2	140	< 2	< 2	< 1	20	< 0.01	20	< 10	6	10	12	10
2771	205	226	< 1	< 0.01	3	10	< 2	< 2	< 1	< 1	< 0.01	< 10	< 10	4	< 10	2	10
2772	205	226	< 1	< 0.01	33	< 10	< 2	2	1	3	< 0.01	20	< 10	60	< 10	34	10
2773	205	226	< 1	< 0.01	10	10	4	< 2	< 1	13	< 0.01	< 10	< 10	1	< 10	2	10
2774	205	226	< 1	< 0.01	4	220	2	< 2	1	17	< 0.01	20	< 10	14	10	18	10
2775	205	226	< 1	< 0.01	4	230	6	2	1	20	< 0.01	20	< 10	7	20	4	10
2776	205	226	< 1	< 0.01	8	420	6	2	2	55	0.01	20	< 10	19	50	20	10
2777	205	226	< 1	< 0.01	1	100	8	< 2	< 1	1	< 0.01	10	< 10	2	< 10	12	10
2778	205	226	7	< 0.01	37	90	< 2	2	1	7	< 0.01	60	< 10	< 1	< 10	6	10
2779	205	226	< 1	< 0.01	22	170	6	2	1	16	< 0.01	30	< 10	2	< 10	8	10
2780	205	226	< 1	< 0.01	5	80	6	2	1	36	< 0.01	40	< 10	1	30	12	20

CERTIFICATION: Heath Bichler

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CHIMITEC LTEE

CERTIFICAT D'ANALYSE

REPORT: C94-61063.4 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: JB
PROJECT: K424 DATE PRINTED: 2-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	4	0.03 G/T		FIRE ASSAY-AA
2	Ag	Silver	4	0.69 G/T		FIRE ASSAY-AA
3	Zn	Zinc	4	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY
4	Pb	Lead	4	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	4	-150	4	CRUSH/SPLIT & PULV.	4

REPORT COPIES TO: MR. JOHN BURGESS
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CHIMITEC LTEE

CERTIFICAT D'ANALYSE

DATE PRINTED: 2-AUG-94

REPORT: C94-61063.4 (COMPLETE) PROJECT: K424 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
742		1.58	240.69	6.32	6.26
1938		<0.03	<0.69	0.02	0.01
1940		0.47	199.20	11.93	5.41
1941		0.27	322.97	5.39	7.80

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DATE PRINTED: 2-AUG-94

REPORT: C94-61063.4 (COMPLETE) PROJECT: K424

STANDARD NAME	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
CANMET STANDARD		-	-	4.47	-
Number of Analyses		-	-	1	-
Mean Value		-	-	4.467	-
Standard Deviation		-	-	-	-
Accepted Value		-	-	4.42	64.74

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DATE PRINTED: 2-AUG-94

REPORT: C94-61063.4 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
742		1.58	240.69	6.32	6.26
Duplicate				6.35	6.23

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61031.0 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MS

PROJECT: K424 DATE PRINTED: 10-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	63	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	64	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	64	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	64	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	64	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	64	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	64	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	64	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	64	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	64	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	64	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	64	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	64	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	64	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	64	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	64	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	64	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	64	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	64	1.0 PPM		NEUTRON ACTIVATION
31	Sb	Antimony	64	0.2 PPM		NEUTRON ACTIVATION
32	Hg	Mercury	64	10 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61031.0 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MS

PROJECT: K424 DATE PRINTED: 10-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	65	-150	65	CRUSH/SPLIT & PULV.	65

REMARKS: IS indicates Insufficient Sample

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61031.0 (COMPLETE)

DATE PRINTED: 10-AUG-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
721		22	0.39	4.39	15	0.02	0.02	0.02	0.24	<5	11	191	19
723		<5	<0.01	0.33	27	<0.01	<0.01	<0.01	<0.01	<5	1	345	1
725		<5	5.28	8.57	931	4.52	2.87	<0.01	<0.01	22	203	185	65
730		<5	0.11	>10.00	1322	0.17	0.38	<0.01	0.03	<5	7	37	14
732		32	0.85	4.58	174	1.09	<0.01	<0.01	0.02	<5	129	165	4
733		12	0.60	>10.00	80	0.36	0.02	0.01	0.18	<5	100	251	9
734		31	0.07	>10.00	3670	0.42	2.69	0.01	0.05	<5	11	48	12
735		<5	0.05	1.02	226	0.04	0.02	<0.01	0.02	<5	2	325	2
736		16	0.55	9.57	74	0.04	0.01	0.03	0.21	<5	8	159	10
737		<5	0.11	0.71	40	<0.01	0.02	0.01	0.05	<5	4	406	1
738		26	0.83	>10.00	28	0.35	0.01	0.02	0.16	<5	32	137	17
739		76	0.44	>10.00	73	0.08	0.04	0.02	0.15	<5	40	120	12
740		42	0.41	>10.00	20	0.01	<0.01	0.02	0.17	<5	92	240	12
1800		10	3.63	>10.00	1279	2.41	0.07	0.02	0.11	<5	122	153	11
1801		54	0.34	>10.00	26	0.05	0.41	0.02	0.17	<5	5	174	35
1802		762	<0.01	>10.00	96	<0.01	0.10	<0.01	<0.01	<5	<1	75	35
1803		1142	<0.01	>10.00	43	<0.01	0.01	<0.01	<0.01	<5	<1	114	17
1804		700	<0.01	>10.00	53	<0.01	0.08	<0.01	<0.01	<5	<1	66	19
1805		2890	0.01	>10.00	71	<0.01	0.12	<0.01	<0.01	<5	<1	103	15
1806		8	0.12	2.75	82	<0.01	<0.01	0.01	0.07	<5	5	325	5
1807		<5	<0.01	2.77	314	<0.01	<0.01	<0.01	<0.01	<5	2	402	3
1809		<5	0.23	>10.00	151	<0.01	<0.01	<0.01	0.13	<5	7	144	16
1810		<5	0.01	9.28	2458	0.10	0.70	<0.01	<0.01	<5	<1	226	13
1811		788	<0.01	>10.00	561	0.07	0.62	<0.01	<0.01	<5	4	80	75
1812		<5	<0.01	0.02	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
1813		54	0.42	3.99	73	0.02	0.11	0.02	0.23	<5	7	88	7
1814		<5	0.58	2.33	10	0.01	<0.01	0.02	0.30	<5	11	135	2
1900		<5	0.07	>10.00	9248	2.97	3.79	<0.01	<0.01	<5	14	51	18
1901		<5	0.75	>10.00	48	0.09	0.04	0.04	0.19	<5	20	168	10
1904		436	<0.01	>10.00	19	<0.01	<0.01	<0.01	0.02	<5	<1	296	8
1905		<5	1.35	>10.00	16	0.52	0.04	0.03	0.21	<5	21	111	21
1908		<5	0.50	>10.00	6	0.05	0.01	0.04	0.18	<5	17	179	9
1910		<5	0.14	1.39	195	0.03	0.05	0.01	0.07	<5	5	362	3
1914		<5	0.05	1.53	257	0.02	<0.01	<0.01	<0.01	<5	3	288	2
1915		<5	0.06	1.70	246	0.03	<0.01	<0.01	<0.01	<5	5	376	2
1916		<5	<0.01	0.75	49	<0.01	<0.01	<0.01	<0.01	<5	2	481	2
1917		<5	0.07	1.44	37	0.04	0.18	<0.01	<0.01	<5	4	340	3
1918		<5	0.04	1.26	59	0.02	<0.01	<0.01	<0.01	<5	6	372	2
1919		<5	1.26	3.75	185	1.43	0.05	<0.01	<0.01	<5	50	329	4
1920		<5	0.06	1.26	47	0.03	0.02	<0.01	<0.01	<5	4	362	2

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61031.0 (COMPLETE)

DATE PRINTED: 10-AUG-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
721		7	12	15	29	2	1	24	0.6	<0.2	<20	<5	<10
723		5	3	182	12	<1	<1	1	0.8	0.4	<20	<5	<10
725		272	129	182	104	25	<1	5	0.6	<0.2	<20	<5	<10
730		5	54	27	<5	4	10	6	0.8	<0.2	<20	<5	16
732		4	19	59	593	<1	2	7	0.4	<0.2	<20	<5	<10
733		5	201	48	117	1	3	29	1.0	0.5	<20	7	<10
734		4	35	19	<5	25	10	5	0.6	<0.2	<20	<5	14
735		5	3	6	<5	<1	<1	2	<0.2	<0.2	<20	<5	<10
736		9	326	110	27	4	7	18	0.8	<0.2	<20	7	<10
737		5	3	8	<5	2	<1	2	<0.2	<0.2	<20	<5	<10
738		16	141	209	86	4	4	30	1.4	0.3	<20	5	13
739		3	59	83	118	3	2	25	1.0	<0.2	<20	<5	13
740		6	99	186	33	5	2	40	1.3	0.4	<20	<5	14
1800		20	105	274	<5	4	7	13	1.2	0.5	<20	<5	<10
1801		20	81	125	86	7	2	15	1.4	0.8	<20	<5	16
1802		68	634	>20000	6244	<1	<1	4	>50.0	296.9	22	182	36
1803		18	236	>20000	9836	3	<1	8	>50.0	269.0	<20	203	23
1804		43	364	>20000	7179	2	<1	8	>50.0	302.4	23	248	50
1805		22	474	>20000	6839	3	<1	12	>50.0	262.8	22	215	13
1806		9	95	1120	72	2	<1	13	1.9	2.6	<20	<5	<10
1807		6	10	75	<5	<1	<1	4	0.3	0.2	<20	<5	<10
1809		12	219	268	<5	2	2	19	1.0	0.7	<20	<5	19
1810		21	66	41	<5	12	2	6	0.8	0.3	<20	<5	<10
1811		69	558	>20000	5666	21	<1	10	>50.0	115.1	47	216	31
1812		<1	<1	42	6	<1	<1	<1	<0.2	0.3	<20	<5	<10
1813		11	56	5278	425	6	4	13	17.9	9.9	<20	18	<10
1814		3	252	29	<5	4	5	14	0.4	<0.2	<20	<5	<10
1900		1	5	58	17	19	6	5	1.1	<0.2	<20	<5	25
1901		8	68	140	16	7	3	18	0.9	<0.2	<20	<5	11
1904		5	175	584	1801	6	<1	8	>50.0	<0.2	<20	126	10
1905		25	98	282	81	7	3	16	1.2	0.5	<20	<5	13
1908		4	72	58	7	5	2	15	0.8	0.3	<20	<5	<10
1910		8	16	106	<5	1	<1	2	0.3	<0.2	<20	<5	<10
1914		5	4	17	<5	<1	<1	2	0.3	<0.2	<20	<5	<10
1915		5	5	24	<5	<1	<1	2	<0.2	<0.2	<20	<5	<10
1916		6	5	6	<5	<1	<1	3	<0.2	<0.2	<20	<5	<10
1917		10	19	9	<5	8	2	5	<0.2	<0.2	<20	<5	<10
1918		5	5	5	<5	<1	<1	3	0.3	<0.2	<20	<5	<10
1919		6	14	58	<5	2	1	14	0.4	<0.2	<20	<5	<10
1920		8	14	5	<5	1	<1	6	<0.2	<0.2	<20	<5	<10

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61031.0 (COMPLETE)

DATE PRINTED: 10-AUG-94

PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
721		20	14	<20	16	6	43.0	6.5	322
723		<1	1	<20	194	<5	13.0	1.2	330
725		<1	45	<20	29	7	113.0	<0.2	34
730		6	65	<20	6	19	6.5	1.5	247
732		<1	18	<20	10	7	611.0	<0.7	174
733		9	45	<20	45	11	133.0	4.9	670
734		6	66	<20	8	20	4.5	2.1	51
735		3	3	<20	4	<5	2.8	0.4	14
736		28	61	<20	20	9	44.0	3.6	361
737		4	3	<20	6	<5	4.1	0.5	100
738		15	51	<20	54	11	112.0	10.0	830
739		18	64	<20	43	14	150.0	7.7	715
740		14	70	<20	20	15	61.0	4.4	1037
1800		10	83	<20	21	10	5.7	2.6	426
1801		15	61	<20	30	15	114.0	9.1	413
1802		<1	111	1413	>10000	28	5650.0	221.0	>50000
1803		<1	68	1229	>10000	26	9340.0	266.0	>50000
1804		1	75	1487	>10000	20	7530.0	320.0	>50000
1805		1	57	1266	>10000	23	7410.0	295.0	>50000
1806		13	9	<20	429	<5	61.0	4.4	1046
1807		<1	9	<20	48	<5	6.5	0.4	66
1809		16	97	<20	44	14	5.9	2.9	252
1810		<1	38	<20	21	7	3.1	<0.2	42
1811		1	116	491	>10000	22	5360.0	235.0	>50000
1812		<1	<1	<20	17	<5	6.6	1.0	178
1813		14	25	<20	5754	7	437.0	23.8	7155
1814		20	44	<20	23	<5	2.8	2.9	265
1900		1	141	<20	24	24	3.6	0.3	22
1901		16	67	<20	24	11	40.0	5.7	411
1904		<1	36	<20	>10000	10	1690.0	123.0	30360
1905		11	71	<20	60	17	92.0	6.9	685
1908		15	62	<20	17	11	27.0	2.2	277
1910		11	6	<20	68	<5	4.1	0.3	119
1914		<1	5	<20	15	<5	2.3	<0.2	14
1915		<1	6	<20	13	<5	2.0	0.2	31
1916		<1	3	<20	7	<5	2.2	<0.2	39
1917		<1	6	<20	7	<5	1.8	0.3	101
1918		1	6	<20	3	<5	1.5	0.4	36
1919		<1	24	<20	7	6	<1.0	0.3	49
1920		<1	9	<20	3	<5	1.7	0.3	102

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 10-AUG-94

REPORT: C94-61031.0 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
1921		<5	0.13	2.60	169	0.11	0.19	<0.01	<0.01	<5	7	261	4
1922		<5	0.08	1.80	72	0.04	0.03	<0.01	<0.01	<5	5	312	2
1923		IS	1.28	8.21	129	1.06	0.05	<0.01	0.06	<5	37	300	14
1924		<5	0.28	1.11	62	0.09	0.01	<0.01	0.09	<5	3	341	3
1925		<5	0.49	>10.00	151	0.24	0.15	0.02	0.12	<5	45	90	14
2000		<5	1.27	8.06	317	0.92	0.71	0.01	0.18	<5	34	198	10
2001		<5	0.04	6.64	1980	0.25	0.35	<0.01	0.02	<5	1	125	7
2002		23	1.09	>10.00	441	0.53	0.47	0.01	0.14	<5	578	113	41
2011		61	4.41	9.28	787	2.60	1.43	0.02	0.02	22	270	203	37
2012		<5	0.22	>10.00	<1	<0.01	<0.01	0.02	0.08	<5	24	17	21
2013		<5	0.63	>10.00	6	0.08	0.03	0.04	0.17	<5	14	111	10
2014		<5	0.65	>10.00	4	0.12	0.02	0.04	0.19	<5	48	111	8
2015		14	0.55	1.73	23	0.07	<0.01	0.02	0.23	<5	10	130	2
2016		<5	0.57	1.78	24	0.08	<0.01	0.02	0.23	<5	10	135	2
2018		<5	2.12	3.76	459	1.39	0.37	0.04	0.31	<5	39	142	16
2021		<5	0.10	>10.00	4363	2.11	0.92	<0.01	0.01	<5	13	151	13
2022		<5	0.21	>10.00	7030	2.91	2.12	<0.01	0.02	<5	26	29	19
2025		<5	0.34	>10.00	7535	1.15	0.27	<0.01	0.17	<5	39	69	23
2026		20	0.37	>10.00	1825	0.83	1.27	<0.01	0.06	<5	206	173	40
2027		<5	0.38	>10.00	4380	3.10	7.99	<0.01	<0.01	<5	25	87	12
2028		<5	4.19	7.10	614	3.40	0.04	<0.01	<0.01	<5	153	166	7
2029		74	1.58	>10.00	514	1.12	0.32	<0.01	0.08	<5	39	116	73
2032		<5	0.20	>10.00	10992	3.69	9.82	<0.01	<0.01	<5	17	44	14
2033		<5	0.02	2.77	2654	1.02	2.21	<0.01	<0.01	<5	2	245	3
2034		IS											

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1921		7	15	9	<5	6	1	4	0.2	<0.2	<20	<5	<10
1922		5	11	11	<5	2	<1	4	<0.2	<0.2	<20	<5	<10
1923		17	78	105	13	5	2	16	0.9	<0.2	<20	<5	<10
1924		7	11	20	<5	4	<1	2	0.3	<0.2	<20	<5	<10
1925		6	65	37	<5	10	4	19	0.9	<0.2	<20	<5	20
2000		18	29	82	<5	11	4	11	0.5	<0.2	<20	<5	<10
2001		3	5	10	<5	4	2	3	0.3	0.2	<20	<5	<10
2002		286	605	6631	169	6	14	106	5.7	51.9	<20	53	91
2011		79	123	201	48	19	2	8	1.1	<0.2	<20	<5	<10
2012		1	207	124	6	2	1	9	1.0	0.7	24	<5	42
2013		8	111	108	8	8	2	18	1.5	<0.2	<20	<5	<10
2014		4	94	68	31	6	2	30	1.2	<0.2	<20	<5	<10
2015		3	7	31	11	4	4	8	0.3	<0.2	<20	<5	<10
2016		3	8	33	11	4	4	10	<0.2	<0.2	<20	<5	<10
2018		37	22	69	<5	33	8	4	0.4	<0.2	<20	<5	<10
2021		2	3	20	<5	13	2	4	0.6	<0.2	<20	<5	14
2022		2	3	32	12	23	6	4	0.9	0.3	<20	<5	29
2025		12	56	85	<5	7	12	5	1.0	0.4	23	<5	32
2026		104	226	594	920	27	13	69	1.8	4.0	<20	12	16
2027		7	17	62	6	169	6	4	0.7	<0.2	<20	<5	15
2028		4	11	222	<5	<1	<1	6	0.5	<0.2	<20	<5	<10
2029		57	117	644	163	8	2	15	2.5	1.8	21	19	23
2032		4	3	36	5	62	4	3	0.9	<0.2	<20	<5	11
2033		4	2	6	<5	16	1	2	<0.2	<0.2	<20	<5	<10
2034									NS				

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SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
1921		<1	13	<20	4	<5	2.3	<0.2	40
1922		<1	8	<20	4	<5	1.5	0.2	20
1923		2	39	<20	14	10			30
1924		9	11	<20	11	<5	33.0	1.7	24
1925		15	95	<20	9	20	1.9	0.4	206
2000		22	45	<20	6	9	5.4	<0.2	98
2001		2	25	<20	<2	7	5.4	0.5	23
2002		10	131	<20	49	14	<1.0	0.5	2321
2011		6	54	<20	16	9	121.0	12.0	37
2012		6	209	<20	10	25	59.0	0.6	66
2013		14	62	<20	11	10	6.7	1.2	119
2014		14	51	<20	17	9	31.0	1.7	601
2015		19	27	<20	15	<5	60.0	7.7	400
2016		20	29	<20	15	<5	19.0	1.5	396
2018		62	46	<20	20	5	7.2	1.9	21
2021		3	75	<20	4	16	1.6	<0.2	<10
2022		2	169	<20	14	15	1.1	<0.2	29
2025		27	165	<20	9	25	<1.0	<0.2	11
2026		6	63	<20	50	13	881.0	11.0	234
2027		2	85	<20	6	13	3.1	<0.2	23
2028		<1	36	<20	10	8	1.9	<0.2	<10
2029		8	98	<20	79	20	201.0	23.0	803
2032		<1	94	<20	12	13	3.3	<0.2	<10
2033		<1	12	<20	3	<5	1.9	<0.2	<10
2034							<10.0	<2.0	NS

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STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
BCC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180	40
HIGH GOLD STANDARD		535	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-
Mean Value		535.3	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		500	-	-	-	-	-	-	-	-	-	-	-
LOW AU STANDARD		16	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-
Mean Value		16.0	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		17	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9
ANALYTICAL BLANK		<5	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-
Mean Value		2.5	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1
BCC GOLD STD 90-3		767	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-
Mean Value		766.6	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		765	-	-	-	-	-	-	-	-	-	-	-

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STANDARD NAME / ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
BCC GEOCHEM STD 3	-	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 3	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	600	820	500	320	78	6	600	5.0	2.0	16	50	<1
HIGH GOLD STANDARD	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-	-
LOW AU STANDARD	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 4	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	42	290	255	30	39	4	4	0.5	0.8	5	1	-
ANALYTICAL BLANK	-	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	1	1	1	5	<1	<1	1	0.2	1.0	<1	5	<1
BCC GOLD STD 90-3	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	68.6	-	-	-	-

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STANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
BCC GEOCHEM STD 3		-	-	-	-	-	301.0	67.6	3720
BCC GEOCHEM STD 3		-	-	-	-	-	300.0	67.2	-
Number of Analyses		-	-	-	-	-	2	2	1
Mean Value		-	-	-	-	-	300.50	67.40	3720.0
Standard Deviation		-	-	-	-	-	0.707	0.283	-
Accepted Value		220	6	-	250	4	310.0	70.0	-
HIGH GOLD STANDARD		-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-
LOW AU STANDARD		-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-
BCC GEOCHEM STD 4		-	-	-	-	-	31.0	0.5	-
Number of Analyses		-	-	-	-	-	1	1	-
Mean Value		-	-	-	-	-	31.00	0.49	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		55	4	1	33	1	28.7	0.5	30
ANALYTICAL BLANK		-	-	-	-	-	-	-	13
ANALYTICAL BLANK		-	-	-	-	-	-	-	<10
Number of Analyses		-	-	-	-	-	-	-	2
Mean Value		-	-	-	-	-	-	-	8.9
Standard Deviation		-	-	-	-	-	-	-	5.50
Accepted Value		<1	<1	<1	2	2	<0.1	<0.1	5
BCC GOLD STD 90-3		-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-

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STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
BCC GEOCHEM STD 5		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	3.09	4.74	720	1.83	1.08	0.06	0.32	18	133	54	18

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BCC GEOCHEM STD 5		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		36	90	80	8	39	9	2	0.7	0.1	4	1	<1

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REPORT: C94-61031.0 (COMPLETE) PROJECT: K424

STANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
BCC GEOCHEM STD 5		-	-	-	-	-	-	-	30
Number of Analyses		-	-	-	-	-	-	-	1
Mean Value		-	-	-	-	-	-	-	30.0
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		200	5	2	11	1	-	-	24

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 10-AUG-94

REPORT: C94-61031.0 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
723		<5	<0.01	0.33	27	<0.01	<0.01	<0.01	<0.01	<5	1	345	1
Duplicate		<5											
1806		8	0.12	2.75	82	<0.01	<0.01	0.01	0.07	<5	5	325	5
Duplicate													
1807		<5	<0.01	2.77	314	<0.01	<0.01	<0.01	<0.01	<5	2	402	3
Duplicate													
1812		<5	<0.01	0.02	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
Duplicate		<5											
1910		<5	0.14	1.39	195	0.03	0.05	0.01	0.07	<5	5	362	3
Prep Duplicate		<5											
1919		<5	1.26	3.75	185	1.43	0.05	<0.01	<0.01	<5	50	329	4
Duplicate													
2001		<5	0.04	6.64	1980	0.25	0.35	<0.01	0.02	<5	1	125	7
Duplicate		<5											
2018		<5	2.12	3.76	459	1.39	0.37	0.04	0.31	<5	39	142	16
Duplicate													

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61031.0 (COMPLETE)

DATE PRINTED: 10-AUG-94

PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
723		5	3	182	12	<1	<1	1	0.8	0.4	<20	<5	<10
Duplicate													
1806		9	95	1120	72	2	<1	13	1.9	2.6	<20	<5	<10
Duplicate													
1807		6	10	75	<5	<1	<1	4	0.3	0.2	<20	<5	<10
Duplicate													
1812		<1	<1	42	6	<1	<1	<1	<0.2	0.3	<20	<5	<10
Duplicate													
1910		8	16	106	<5	1	<1	2	0.3	<0.2	<20	<5	<10
Prep Duplicate													
1919		6	14	58	<5	2	1	14	0.4	<0.2	<20	<5	<10
Duplicate													
2001		3	5	10	<5	4	2	3	0.3	0.2	<20	<5	<10
Duplicate													
2018		37	22	69	<5	33	8	4	0.4	<0.2	<20	<5	<10
Duplicate													

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DATE PRINTED: 10-AUG-94

REPORT: C94-61031.0 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
723		<1	1	<20	194	<5	13.0	1.2	330
Duplicate									346
1806		13	9	<20	429	<5	61.0	4.4	1046
Duplicate									976
1807		<1	9	<20	48	<5	6.5	0.4	66
Duplicate							5.5	0.3	
1812		<1	<1	<20	17	<5	6.6	1.0	178
Duplicate									
1910		11	6	<20	68	<5	4.1	0.3	119
Prep Duplicate							6.2	0.5	142
1919		<1	24	<20	7	6	<1.0	0.3	49
Duplicate									72
2001		2	25	<20	<2	7	5.4	0.5	23
Duplicate									
2018		62	46	<20	20	5	7.2	1.9	21
Duplicate									21

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61064.0 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: JB

PROJECT: K424 DATE PRINTED: 15-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	9	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	9	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	9	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	9	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	9	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	9	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	9	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	9	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	9	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	9	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	9	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	9	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	9	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	9	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	9	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	9	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	9	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	9	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	9	1.0 PPM		NEUTRON ACTIVATION
31	Sb	Antimony	9	0.2 PPM		NEUTRON ACTIVATION
32	Hg	Mercury	9	10 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61064.0 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: JB
PROJECT: K424 DATE PRINTED: 15-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	9	-150	9	CRUSH/SPLIT & PULV.	9

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61064.0 (COMPLETE)

DATE PRINTED: 15-AUG-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
741		12	2.72	>10.00	>20000	1.11	0.03	<0.01	0.58	<5	54	37	32
743		44	0.35	>10.00	34	0.26	0.20	<0.01	0.09	<5	<1	70	68
744		441	0.36	2.08	60	0.01	<0.01	0.01	0.24	<5	6	172	2
1926		18	0.02	0.59	33	<0.01	<0.01	<0.01	0.01	<5	1	400	1
1936		<5	0.03	>10.00	693	0.02	<0.01	<0.01	<0.01	<5	<1	154	9
1937		12	2.65	>10.00	206	2.29	0.01	<0.01	0.10	<5	63	185	12
1939		11	5.12	>10.00	1088	3.09	0.12	<0.01	0.05	9	142	192	26
2006		20	0.51	>10.00	66	0.24	<0.01	<0.01	0.07	<5	9	54	33
2007		64	0.95	>10.00	174	0.94	0.04	<0.01	0.05	<5	28	81	69

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61064.0 (COMPLETE)

DATE PRINTED: 15-AUG-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
741		9	145	369	<5	9	3	6	2.4	0.5	<20	<5	12
743		111	534	281	<5	2	2	12	1.2	1.3	<20	<5	29
744		4	9	22	34	2	2	10	0.3	<0.2	<20	7	<10
1926		6	5	42	<5	<1	<1	1	0.3	0.2	<20	<5	<10
1936		9	95	45	<5	<1	<1	6	1.1	0.4	<20	<5	10
1937		13	31	201	95	2	2	7	0.7	<0.2	<20	<5	<10
1939		19	102	143	<5	1	3	10	0.6	<0.2	<20	<5	<10
2006		179	566	100	<5	1	1	22	3.5	0.5	<20	10	22
2007		122	441	122	<5	1	2	12	1.0	0.5	<20	<5	20

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-AUG-94

REPORT: C94-61064.0 (COMPLETE) PROJECT: K424 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
741		66	104	<20	143	13	38.0	1.9	416
743		6	93	<20	60	14	15.0	2.7	214
744		16	31	<20	34	<5	44.0	7.5	168
1926		1	2	<20	60	<5	3.5	0.7	109
1936		<1	34	<20	3	9	3.5	0.8	88
1937		7	47	<20	9	10	143.0	0.8	52
1939		16	64	<20	9	9	2.8	0.4	22
2006		5	75	<20	40	13	6.5	12.0	64
2007		3	79	<20	5	13	<1.0	0.6	41

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-AUG-94

REPORT: C94-61064.0 (COMPLETE) PROJECT: K424 PAGE 2A

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9
ANALYTICAL BLANK		-	<0.01	<0.01	1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.005	0.005	1.5	0.005	0.005	0.005	0.005	2.5	0.5	0.5	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1
BCC GEOCHEM STD 3		-	4.85	4.72	800	4.67	4.78	0.37	0.19	<5	25	172	41
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	4.850	4.720	799.6	4.670	4.780	0.370	0.190	2.5	24.9	172.0	41.0
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180	40

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-AUG-94

REPORT: C94-61064.0 (COMPLETE) PROJECT: K424 PAGE 2B

STANDARD NAME	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		42	290	255	30	39	4	4	0.5	0.8	5	1	-
ANALYTICAL BLANK		<1	<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.5	0.5	0.5	2.5	0.5	0.5	0.5	0.10	0.10	10.0	2.5	5.0
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		1	1	1	5	<1	<1	1	0.2	1.0	<1	5	<1
BCC GEOCHEM STD 3		507	808	491	294	68	3	536	4.9	2.5	<20	44	<10
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		506.7	808.4	490.7	294.0	67.7	2.8	536.0	4.90	2.50	10.0	44.3	5.0
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		600	820	500	320	78	6	600	5.0	2.0	16	50	<1

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-AUG-94

REPORT: C94-61064.0 (COMPLETE) PROJECT: K424 PAGE 2C

STANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
BCC GEOCHEM STD 4		-	-	-	-	-	27.0	0.5	-
Number of Analyses		-	-	-	-	-	1	1	-
Mean Value		-	-	-	-	-	27.00	0.47	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		55	4	1	33	1	28.7	0.5	30
ANALYTICAL BLANK		<1	<1	<20	<2	<5	-	-	<10
Number of Analyses		1	1	1	1	1	-	-	1
Mean Value		0.5	0.5	10.0	1.0	2.5	-	-	5.0
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		<1	<1	<1	2	2	<0.1	<0.1	5
BCC GEOCHEM STD 3		216	9	<20	246	<5	-	-	3512
Number of Analyses		1	1	1	1	1	-	-	1
Mean Value		216.0	9.0	10.0	245.7	2.5	-	-	3511.7
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		220	6	-	250	4	310.0	70.0	-

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61064.0 (COMPLETE)

DATE PRINTED: 15-AUG-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
1936		<5	0.03	>10.00	693	0.02	<0.01	<0.01	<0.01	<5	<1	154	9
Duplicate			0.03	>10.00	720	0.02	<0.01	<0.01	<0.01	<5	<1	159	10

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-AUG-94

REPORT: C94-61064.0 (COMPLETE) PROJECT: K424 PAGE 3B

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
1936		9	95	45	<5	<1	<1	6	1.1	0.4	<20	<5	10
Duplicate		10	99	46	<5	<1	<1	7	1.2	0.4	<20	<5	<10

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 15-AUG-94

REPORT: C94-61064.0 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
1936		<1	34	<20	3	9	3.5	0.8	88
Duplicate		<1	37	<20	3	7			73

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61030.1 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MS

PROJECT: K424 DATE PRINTED: 25-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Al	Aluminum	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
2	Fe	Iron	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Mn	Manganese	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mg	Magnesium	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Ca	Calcium	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Na	Sodium	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	K	Potassium	13	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Sc	Scandium	13	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	V	Vanadium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Cr	Chromium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Co	Cobalt	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Ni	Nickel	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Cu	Copper	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Zn	Zinc	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	As	Arsenic	13	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Sr	Strontium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Y	Yttrium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Mo	Molybdenum	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Ag	Silver	13	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Cd	Cadmium	13	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Sn	Tin	13	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sb	Antimony	13	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Te	Tellurium	13	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ba	Barium	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	La	Lanthanum	13	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	W	Tungsten	13	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Pb	Lead	13	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Bi	Bismuth	13	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Hg	Mercury	13	10 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61030.1 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MS

PROJECT: K424 DATE PRINTED: 25-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	13	-150	13	AS RECEIVED	13

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61030.1 (COMPLETE)

DATE PRINTED: 25-AUG-94

PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
1902		<0.01	>10.00	66	0.01	0.07	<0.01	<0.01	<5	<1	77	20	25
1903		<0.01	>10.00	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	100	27	9
1906		0.51	>10.00	102	0.43	0.18	0.01	0.12	<5	3	88	54	50
1911		1.07	>10.00	680	0.69	0.18	0.02	0.15	<5	36	132	26	34
1912		1.39	>10.00	5914	0.94	0.37	0.02	0.14	<5	119	134	35	71
1913		<0.01	>10.00	69	<0.01	<0.01	<0.01	<0.01	<5	<1	95	19	11
1923		<0.01	>10.00	18	<0.01	<0.01	<0.01	<0.01	<5	<1	83	21	19
2003		<0.01	>10.00	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	266	14	7
2005		<0.01	>10.00	89	<0.01	0.15	<0.01	<0.01	<5	<1	68	17	11
2017		0.67	>10.00	5	0.68	0.01	<0.01	0.08	<5	2	27	16	142
2019		<0.01	>10.00	480	<0.01	0.15	<0.01	<0.01	<5	<1	31	45	30
2023		0.09	>10.00	100	0.19	0.37	<0.01	0.09	<5	<1	6	45	115
2024		<0.01	>10.00	37	<0.01	<0.01	<0.01	0.01	<5	<1	65	13	10

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REPORT: C94-61030.1 (COMPLETE)

DATE PRINTED: 25-AUG-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
1902		1172	>20000	6885	3	<1	12	>50.0	93.4	39	221	33	2
1903		171	4607	7996	7	<1	15	>50.0	5.7	43	306	36	<1
1906		108	232	145	3	1	12	1.3	0.7	<20	6	33	5
1911		292	14633	190	7	4	12	32.5	45.4	<20	33	23	10
1912		190	1118	33	17	10	25	2.6	5.2	<20	<5	18	26
1913		267	>20000	4531	2	<1	9	>50.0	218.1	29	252	25	2
1923		679	>20000	732	<1	<1	8	>50.0	172.0	26	196	37	<1
2003		62	847	2202	<1	<1	13	>50.0	<0.2	<20	201	18	<1
2005		347	>20000	3148	2	<1	10	>50.0	154.5	23	264	22	<1
2017		527	443	8	<1	1	15	2.5	0.8	22	6	28	7
2019		502	>20000	1747	15	<1	7	>50.0	138.9	26	233	39	<1
2023		397	462	<5	6	2	12	1.7	2.2	22	8	41	6
2024		179	>20000	4817	<1	<1	7	>50.0	218.9	<20	308	22	2

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REPORT: C94-61030.1 (COMPLETE)

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PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
1902		72	191	>10000	14	>50000
1903		82	<20	>10000	22	>50000
1906		82	<20	86	12	508
1911		59	<20	5520	20	28320
1912		67	<20	95	11	348
1913		57	659	>10000	22	>50000
1923		78	451	>10000	25	>50000
2003		37	<20	>10000	25	>50000
2005		49	420	>10000	19	>50000
2017		67	<20	304	17	624
2019		97	359	>10000	23	>50000
2023		98	<20	116	18	420
2024		45	674	>10000	13	>50000

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 25-AUG-94

REPORT: C94-61030.1 (COMPLETE) PROJECT: K424 PAGE 2A

STANDARD NAME	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
BCC GEOCHEM STD 4		0.81	2.53	601	1.55	1.35	0.08	0.16	<5	6	72	12	39
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.810	2.525	600.8	1.545	1.351	0.080	0.163	2.5	5.5	72.0	12.2	39.0
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9	42
ANALYTICAL BLANK		<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1	<1
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.005	0.005	0.5	0.005	0.005	0.005	0.005	2.5	0.5	0.5	0.5	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1	1

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DATE PRINTED: 25-AUG-94

PROJECT: K424

STANDARD NAME	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
BCC GEOCHEM STD 4		264	279	39	38	3	4	0.6	1.0	<20	<5	<10	58
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		264.1	279.0	38.9	37.6	2.6	3.8	0.60	1.04	10.0	2.5	5.0	58.3
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		290	255	30	39	4	4	0.5	0.8	5	1	-	55
ANALYTICAL BLANK		<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10	<1
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.5	0.5	2.5	0.5	0.5	0.5	0.10	0.10	10.0	2.5	5.0	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		1	1	5	<1	<1	1	0.2	1.0	<1	5	<1	<1

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STANDARD NAME	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
BCC GEOCHEM STD 4		11	<20	37	<5	17
Number of Analyses		1	1	1	1	1
Mean Value		11.0	10.0	37.0	2.5	17.0
Standard Deviation		-	-	-	-	-
Accepted Value		4	1	33	1	30
ANALYTICAL BLANK		<1	<20	<2	<5	<10
Number of Analyses		1	1	1	1	1
Mean Value		0.5	10.0	1.0	2.5	5.0
Standard Deviation		-	-	-	-	-
Accepted Value		<1	<1	2	2	5

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DATE PRINTED: 25-AUG-94

REPORT: C94-61030.1 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
1902		<0.01	>10.00	66	0.01	0.07	<0.01	<0.01	<5	<1	77	20	25
Duplicate		<0.01	>10.00	68	0.01	0.07	<0.01	<0.01	<5	<1	80	20	25

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DATE PRINTED: 25-AUG-94

PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
1902		1172	>20000	6885	3	<1	12	>50.0	93.4	39	221	33	2
Duplicate		1266	>20000	7334	3	<1	11	>50.0	97.2	39	238	38	2

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 25-AUG-94

REPORT: C94-61030.1 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
1902		72	191	>10000	14	>50000
Duplicate		80	208	>10000	24	>50000

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61063.1 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: JB

PROJECT: K424-94-2 DATE PRINTED: 25-AUG-94

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Al	Aluminum	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
2	Fe	Iron	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Mn	Manganese	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mg	Magnesium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Ca	Calcium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Na	Sodium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	K	Potassium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Sc	Scandium	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	V	Vanadium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Cr	Chromium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Co	Cobalt	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Ni	Nickel	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Cu	Copper	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Zn	Zinc	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	As	Arsenic	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Sr	Strontium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Y	Yttrium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Mo	Molybdenum	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Ag	Silver	4	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Cd	Cadmium	4	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Sn	Tin	4	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sb	Antimony	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Te	Tellurium	4	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ba	Barium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	La	Lanthanum	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	W	Tungsten	4	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Pb	Lead	4	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Bi	Bismuth	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Hg	Mercury	4	10 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

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REPORT: C94-61063.1 (COMPLETE)

REFERENCE:

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JB

PROJECT: K424-94-2

DATE PRINTED: 25-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	4	-150	4	AS RECEIVED	4

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PROJECT: K424-94-2

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
742		<0.01	>10.00	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	120	17	10
1938		3.74	9.40	287	3.57	0.11	0.01	0.11	<5	105	177	20	13
1940		<0.01	>10.00	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	64	21	29
1941		<0.01	>10.00	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	88	19	9

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61063.1 (COMPLETE)

DATE PRINTED: 25-AUG-94
PROJECT: K424-94-2 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
742		204	>20000	2206	<1	<1	8	>50.0	114.6	21	235	21	<1
1938		52	272	44	8	<1	7	1.1	<0.2	<20	<5	<10	26
1940		551	>20000	2012	<1	<1	8	>50.0	192.9	23	164	35	<1
1941		168	>20000	1865	<1	<1	12	>50.0	83.4	25	285	22	<1

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DATE PRINTED: 25-AUG-94

REPORT: C94-61063.1 (COMPLETE) PROJECT: K424-94-2 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
742		48	199	>10000	23	>50000
1938		31	<20	138	5	182
1940		82	580	9698	26	>50000
1941		66	119	>10000	21	>50000

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DATE PRINTED: 25-AUG-94

PROJECT: K424-94-2

STANDARD NAME	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9	42
ANALYTICAL BLANK		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1	1

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RAPPORT D'ANALYSE GÉOCHIMIQUE

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STANDARD NAME	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		290	255	30	39	4	4	0.5	0.8	5	1	-	55
ANALYTICAL BLANK		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		1	1	5	<1	<1	1	0.2	1.0	<1	5	<1	<1

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CHIMITEC LTEE

RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 25-AUG-94

REPORT: C94-61063.1 (COMPLETE) PROJECT: K424-94-2

STANDARD NAME	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
BCC GEOCHEM STD 4		-	-	-	-	21
Number of Analyses		-	-	-	-	1
Mean Value		-	-	-	-	20.8
Standard Deviation		-	-	-	-	-
Accepted Value		4	1	33	1	30
ANALYTICAL BLANK		-	-	-	-	<10
Number of Analyses		-	-	-	-	1
Mean Value		-	-	-	-	5.0
Standard Deviation		-	-	-	-	-
Accepted Value		<1	<1	2	2	5

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RAPPORT D'ANALYSE GÉOCHIMIQUE

REPORT: C94-61063.1 (COMPLETE)

DATE PRINTED: 25-AUG-94

PROJECT: K424-94-2

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
1941		<0.01	>10.00	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	88	19	9
Duplicate													

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 25-AUG-94

REPORT: C94-61063.1 (COMPLETE) PROJECT: K424-94-2 PAGE 3B

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
1941		168	>20000	1865	<1	<1	12	>50.0	83.4	25	285	22	<1
Duplicate													

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RAPPORT D'ANALYSE GÉOCHIMIQUE

DATE PRINTED: 25-AUG-94

REPORT: C94-61063.1 (COMPLETE) PROJECT: K424-94-2 PAGE 3C

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
1941		66	119	>10000	21	>50000
Duplicate						>50000

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CHIMITEC LTEE

CERTIFICAT D'ANALYSE

REPORT: C94-61030.4 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MS

PROJECT: K424 DATE PRINTED: 22-SEP-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	13	0.03 G/T		FIRE ASSAY-AA
2	Ag	Silver	13	0.69 G/T		FIRE ASSAY-AA
3	Zn	Zinc	13	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY
4	Pb	Lead	13	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	13	-150	13	CRUSH/SPLIT & PULV.	13

REMARKS: RESULTS IN G/T.

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CHIMITEC LTEE

CERTIFICAT D'ANALYSE

REPORT: C94-61030.4 (COMPLETE)

DATE PRINTED: 22-SEP-94
PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
1902		1.06	124.46	6.87	5.93
1903		0.93	302.75	0.64	8.43
1906		<0.03	1.37	0.03	0.01
1911		0.03	39.43	2.43	0.98
1912		2.33	2.74	0.14	0.01
1913		0.41	331.55	11.23	8.48
1923		0.16	226.97	9.64	6.28
2003		0.86	285.26	0.10	6.93
2005		0.57	286.29	9.03	7.64
2017		<0.03	3.09	0.06	0.05
2019		0.46	258.86	9.14	7.04
2023		<0.03	1.84	0.07	0.02
2024		0.61	343.55	11.18	9.22

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CERTIFICAT D'ANALYSE

REPORT: C94-61030.4 (COMPLETE)

DATE PRINTED: 22-SEP-94

PROJECT: K424

STANDARD NAME	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
ANALYTICAL BLANK		<0.03	<0.69	-	-
Number of Analyses		1	1	-	-
Mean Value		0.017	0.343	-	-
Standard Deviation		-	-	-	-
Accepted Value		0.07	0.69	<0.01	<0.01

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CERTIFICAT D'ANALYSE

DATE PRINTED: 22-SEP-94

REPORT: C94-61030.4 (COMPLETE)

PROJECT: K424 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
1913		0.41	331.55	11.23	8.48
Duplicate		0.44	331.89		

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CERTIFICAT D'ANALYSE

REPORT: C94-61031.5 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MS

PROJECT: K424 DATE PRINTED: 26-SEP-94

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver Gravimetric	6	0.69 G/T		FIRE ASSAY
2	Zn	Zinc	5	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY
3	Pb	Lead	6	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	6	-150	6	SAMPLES FROM STORAGE	6

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CERTIFICAT D'ANALYSE

DATE PRINTED: 26-SEP-94

REPORT: C94-61031.5 (COMPLETE)

PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Ag G/T	Zn PCT	Pb PCT
1802		184.17	12.04	4.78
1803		174.86	10.94	4.64
1804		231.43	13.66	6.45
1805		202.97	11.67	5.89
1811		155.32	6.17	4.92
1904		71.66		1.94

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CERTIFICAT D'ANALYSE

DATE PRINTED: 26-SEP-94

REPORT: C94-61031.5 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Ag G/T	Zn PCT	Pb PCT
1804		231.43	13.66	6.45
Duplicate			13.98	6.52
1904		71.66		1.94
Duplicate		76.11		

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CERTIFICAT D'ANALYSE

REPORT: C94-61030.6 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MS

PROJECT: K424 DATE PRINTED: 24-NOV-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Hg	Mercury	1	0.0005 PCT	HF-HCL-HNO3	ATOMIC ABSORPTION

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	1	-150	1		

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DATE PRINTED: 24-NOV-94

REPORT: C94-61030.6 (COMPLETE) PROJECT: K424 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT
1902		0.0091

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DATE PRINTED: 24-NOV-94

REPORT: C94-61030.6 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT
1902		0.0091
Duplicate		0.0092

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REPORT: C94-61031.6 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MS

PROJECT: K424 DATE PRINTED: 24-NOV-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Hg	Mercury	1	0.0005 PCT	HF-HCL-HNO3	ATOMIC ABSORPTION

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	1	-150	1	SAMPLES FROM STORAGE	1

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REPORT: C94-61031.6 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT
1804		0.0109

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DATE PRINTED: 24-NOV-94

REPORT: C94-61031.6 (COMPLETE) PROJECT: K424 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT
1804		0.0109
Duplicate		0.0106

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CERTIFICAT D'ANALYSE

REPORT: C94-61063.6 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: JB

PROJECT: K424 DATE PRINTED: 24-NOV-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Hg	Mercury	1	0.0005 PCT	HF-HCL-HNO3	ATOMIC ABSORPTION

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	1	-150	1		

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CERTIFICAT D'ANALYSE

DATE PRINTED: 24-NOV-94

REPORT: C94-61063.6 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT
1940		0.0141

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CERTIFICAT D'ANALYSE

DATE PRINTED: 24-NOV-94

REPORT: C94-61063.6 (COMPLETE) PROJECT: K424

STANDARD NAME	ELEMENT UNITS	Hg PCT
PD-1		0.0390
Number of Analyses		1
Mean Value		0.03900
Standard Deviation		-
Accepted Value		0.0390

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DATE PRINTED: 24-NOV-94

REPORT: C94-61063.6 (COMPLETE) PROJECT: K424

SAMPLE NUMBER	ELEMENT UNITS	Hg PCT
1940		0.0141
Duplicate		0.0140

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42187.0 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MARK STEVENSON
PROJECT: K431 DATE PRINTED: 11-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	23	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	23	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	23	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	23	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	23	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	23	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	23	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	23	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	23	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	23	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	23	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	23	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	23	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	23	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	23	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	23	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	23	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	23	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	23	1.0 PPM		NEUTRON ACTIVATION

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Geochemical
Lab
Report

REPORT: 094-42187.0 (COMPLETE)

REFERENCE:

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: MARK STEVENSON

PROJECT: K431

DATE PRINTED: 11-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	23	-200	23	CRUSH/SPLIT & PULV.	23

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Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 11-AUG-94

REPORT: 094-42187.0 (COMPLETE) PROJECT: K431 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
2800		<5	0.20	>10.00	7595	2.83	7.05	<0.01	<0.01	<5	4	14	14
2801		<5	0.29	>10.00	7478	3.04	8.35	0.01	<0.01	<5	14	39	26
2802		<5	2.83	8.09	1735	2.64	3.42	<0.01	0.22	6	70	94	42
2803		<5	1.28	6.33	1741	1.40	1.67	<0.01	0.49	<5	36	43	50
2804		<5	0.29	>10.00	9674	1.19	0.16	0.01	0.18	<5	<1	22	18
2805		<5	<0.01	6.33	4117	0.08	0.07	0.01	<0.01	<5	<1	121	6
2806		275	0.14	>10.00	4213	1.13	2.64	<0.01	<0.01	<5	8	41	14
2807		10	0.16	8.86	561	<0.01	0.02	<0.01	0.09	<5	<1	19	9
2808		21	0.20	>10.00	8108	3.10	6.11	<0.01	<0.01	<5	4	14	18
2809		<5	0.13	>10.00	7038	3.69	>10.00	<0.01	<0.01	<5	3	25	12
2810		<5	0.02	9.57	772	0.39	0.78	<0.01	<0.01	<5	<1	152	18
2811		<5	0.01	4.54	397	0.01	0.04	<0.01	0.01	<5	<1	110	6
2812		<5	0.06	7.57	1386	0.24	0.18	0.01	0.02	<5	3	104	7
2813		14	0.40	>10.00	127	0.03	0.04	<0.01	0.25	<5	31	90	10
2814		9	0.21	5.98	1337	0.08	0.18	<0.01	0.14	<5	10	99	5
2815		<5	0.02	7.73	5205	2.32	7.02	0.01	0.02	<5	<1	107	8
2816		<5	0.01	>10.00	10743	2.61	3.62	<0.01	0.02	<5	<1	21	20
2817		21	0.18	9.02	4830	1.79	5.32	<0.01	0.10	<5	1	80	12
2818		26	0.21	9.52	1171	0.08	0.25	<0.01	0.09	<5	2	92	15
2819		<5	0.03	4.52	2190	1.53	3.86	<0.01	0.02	<5	<1	103	6
2820		24	0.30	>10.00	383	0.04	0.06	<0.01	0.18	<5	20	39	10
2821		<5	0.02	>10.00	670	0.02	0.04	<0.01	0.02	<5	<1	114	26
2822		<5	0.02	6.86	1187	0.05	0.20	<0.01	<0.01	<5	<1	76	8

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Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 11-AUG-94

REPORT: 094-42187.0 (COMPLETE) PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2800		4	10	235	<5	32	3	5	0.3	1.2	<20	<5	12
2801		32	65	46	<5	53	4	4	0.3	<0.2	<20	<5	11
2802		86	105	141	<5	32	2	4	0.3	<0.2	<20	<5	<10
2803		80	104	93	19	15	2	3	0.2	<0.2	<20	<5	<10
2804		6	8	19	<5	7	4	7	0.3	<0.2	<20	<5	15
2805		4	3	13	<5	7	1	4	<0.2	0.5	<20	<5	<10
2806		4	173	27	<5	17	2	5	0.2	<0.2	<20	<5	14
2807		14	101	110	<5	2	3	10	0.8	<0.2	<20	<5	<10
2808		7	5	44	<5	44	3	5	0.4	<0.2	<20	<5	16
2809		6	5	49	<5	70	3	4	0.3	<0.2	<20	<5	11
2810		16	120	333	8	10	1	14	0.5	2.3	<20	<5	11
2811		14	61	166	<5	2	<1	5	0.6	1.0	<20	<5	<10
2812		4	34	69	<5	9	2	7	0.4	<0.2	<20	<5	<10
2813		9	91	102	<5	9	3	28	1.0	0.5	<20	<5	<10
2814		3	20	36	<5	7	3	26	0.7	0.3	<20	<5	<10
2815		3	4	52	<5	110	11	4	0.2	<0.2	<20	<5	<10
2816		5	6	71	<5	52	4	6	0.6	0.3	<20	<5	22
2817		26	92	80	<5	104	5	10	1.2	0.5	<20	<5	<10
2818		32	50	39	<5	8	3	16	1.5	0.3	<20	<5	10
2819		20	30	246	<5	49	3	7	0.2	2.2	<20	<5	<10
2820		12	83	27	<5	5	5	50	1.4	<0.2	<20	<5	11
2821		61	44	181	<5	2	<1	11	0.8	0.9	<20	<5	12
2822		14	40	678	<5	4	1	5	0.3	4.0	<20	<5	<10

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Inchcape Testing Services

Geochemical
Lab
Report

DATE PRINTED: 11-AUG-94

REPORT: 094-42187.0 (COMPLETE) PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
2800		2	50	<20	2	12	16.0
2801		3	53	<20	<2	10	1.3
2802		35	25	<20	5	<5	26.0
2803		53	18	<20	<2	<5	37.0
2804		30	54	<20	6	12	32.0
2805		3	13	<20	8	7	<1.0
2806		<1	48	<20	3	11	2.7
2807		12	41	<20	8	9	18.0
2808		2	56	<20	<2	11	8.5
2809		2	48	<20	3	8	4.1
2810		1	24	<20	11	8	29.0
2811		2	10	<20	12	<5	14.0
2812		4	19	<20	26	<5	4.8
2813		23	56	<20	63	8	38.0
2814		15	52	<20	15	<5	4.9
2815		3	27	<20	15	6	4.1
2816		3	70	<20	<2	14	3.5
2817		7	34	<20	4	<5	2.1
2818		8	34	<20	8	6	4.0
2819		2	14	<20	4	<5	<1.0
2820		18	69	<20	22	10	23.0
2821		4	30	<20	6	10	14.0
2822		7	17	<20	10	8	5.2

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Geochemical Lab Report

DATE PRINTED: 11-AUG-94

REPORT: 094-42187.0 (COMPLETE) PROJECT: K431

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
3CC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9

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Geochemical Lab Report

DATE PRINTED: 11-AUG-94

REPORT: 094-42187.0 (COMPLETE) PROJECT: K431 PAGE 2B

STANDARD NAME	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		42	290	255	30	39	4	4	0.5	0.8	5	1	-

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Geochemical
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Report

REPORT: 094-42187.0 (COMPLETE)

DATE PRINTED: 11-AUG-94
PROJECT: K431 PAGE 2C

STANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
CC GEOCHEM STD 4		-	-	-	-	-	30.0
Number of Analyses		-	-	-	-	-	1
Mean Value		-	-	-	-	-	30.00
Standard Deviation		-	-	-	-	-	-
Accepted Value		55	4	1	33	1	28.7

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Geochemical Lab Report

DATE PRINTED: 11-AUG-94

REPORT: 094-42187.0 (COMPLETE) PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
3818		26	0.21	9.52	1171	0.08	0.25	<0.01	0.09	<5	2	92	15
Prep Duplicate		26	0.19	8.67	1051	0.06	0.21	<0.01	0.09	<5	2	103	14

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Geochemical Lab Report

DATE PRINTED: 11-AUG-94

REPORT: 094-42187.0 (COMPLETE) PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
3818		32	50	39	<5	8	3	16	1.5	0.3	<20	<5	10
Prep Duplicate		31	44	35	<5	8	3	16	1.3	<0.2	<20	<5	<10

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Geochemical
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DATE PRINTED: 11-AUG-94

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SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
2818		8	34	<20	8	6	4.0
Prep Duplicate		8	30	<20	6	7	3.8

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Geochemical Lab Report

REPORT: 094-42243.0 (COMPLETE)

REFERENCE: K431-94-6

.IENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

PROJECT: K431

DATE PRINTED: 11-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Al	Aluminum	3	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
2	Fe	Iron	3	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Mn	Manganese	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mg	Magnesium	3	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Ca	Calcium	3	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Na	Sodium	3	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	K	Potassium	3	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Sc	Scandium	3	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	V	Vanadium	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Cr	Chromium	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Co	Cobalt	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Ni	Nickel	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Cu	Copper	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Zn	Zinc	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	As	Arsenic	3	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Sr	Strontium	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Y	Yttrium	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Mo	Molybdenum	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Ag	Silver	3	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Cd	Cadmium	3	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Sn	Tin	3	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sb	Antimony	3	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Te	Tellurium	3	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ba	Barium	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	La	Lanthanum	3	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	W	Tungsten	3	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Pb	Lead	3	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Bi	Bismuth	3	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Hg	Mercury	3	5 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42243.0 (COMPLETE)

REFERENCE: K431-94-6

CLIENT: KENNECOTT CANADA INC.

PROJECT: K431

SUBMITTED BY: JOHN BURGESS

DATE PRINTED: 11-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	3	-150	3	CRUSH/SPLIT & PULV.	3

REPORT COPIES TO: MR. JOHN BURGESS
FAX: JOHN BURGESS

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Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42243.0 (COMPLETE)

DATE PRINTED: 11-AUG-94

PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
2841		1.14	>10.00	4220	1.46	1.05	<0.01	0.09	<5	155	64	17	183
2861		0.29	9.97	328	0.42	0.87	<0.01	0.14	<5	110	182	18	230
2862		0.17	>10.00	294	0.34	0.68	<0.01	0.08	<5	48	159	16	183

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Geochemical Lab Report

DATE PRINTED: 11-AUG-94

REPORT: 094-42243.0 (COMPLETE) PROJECT: K431 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
2841		301	2024	15	30	12	35	2.4	12.2	<20	<5	16	12
2861		220	5183	204	22	7	74	2.2	35.6	<20	8	11	10
2862		194	7867	193	20	5	40	1.5	56.9	<20	<5	13	6

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REPORT: 094-42243.0 (COMPLETE)

DATE PRINTED: 11-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
2841		55	<20	97	9	2494
2861		33	<20	43	8	10119
2862		32	<20	13	9	16978

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Geochemical Lab Report

DATE PRINTED: 11-AUG-94

REPORT: 094-42243.0 (COMPLETE) PROJECT: K431 PAGE 2A

STANDARD NAME	ELEMENT UNITS	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM	Ni PPM
CC GEOCHEM STD 4		0.73	2.42	575	1.49	1.32	0.08	0.14	7	8	67	11	39
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.727	2.420	574.9	1.492	1.324	0.080	0.140	7.0	8.0	66.9	11.0	38.9
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9	42
ANALYTICAL BLANK		<0.01	<0.01	2	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1	<1
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.005	0.005	1.6	0.005	0.005	0.005	0.005	2.5	0.5	0.5	0.5	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1	1

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Geochemical Lab Report

REPORT: 094-42243.0 (COMPLETE)

DATE PRINTED: 11-AUG-94
PROJECT: K431

TANDARD NAME	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Ba PPM
:C GEOCHEM STD 4		256	225	32	37	3	4	0.5	0.7	<20	<5	<10	56
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		256.0	224.7	32.3	37.0	2.8	4.2	0.48	0.69	10.0	2.5	5.0	55.6
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
:cepted Value		290	255	30	39	4	4	0.5	0.8	5	1	-	55
"IALYTICAL BLANK		<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10	<1
umber of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.5	0.5	2.5	0.5	0.5	0.5	0.10	0.10	10.0	2.5	5.0	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
:cepted Value		1	1	5	<1	<1	1	0.2	1.0	<1	5	<1	<1

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Geochemical
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REPORT: 094-42243.0 (COMPLETE)

DATE PRINTED: 11-AUG-94
PROJECT: K431 PAGE 2C

STANDARD NAME	ELEMENT UNITS	La PPM	W PPM	Pb PPM	Bi PPM	Hg PPB
CC GEOCHEM STD 4		12	<20	29	<5	40
Number of Analyses		1	1	1	1	1
Mean Value		11.9	10.0	29.1	2.5	39.6
Standard Deviation		-	-	-	-	-
Accepted Value		4	1	33	1	30
ANALYTICAL BLANK		<1	<20	<2	<5	<5
Number of Analyses		1	1	1	1	1
Mean Value		0.5	10.0	1.0	2.5	2.5
Standard Deviation		-	-	-	-	-
Accepted Value		<1	<1	2	2	5

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Geochemical Lab Report

REPORT: 094-42186.0 (COMPLETE)

REFERENCE:

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: MARK STEVENSON

PROJECT: K422

DATE PRINTED: 12-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	19	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	19	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	19	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	19	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	19	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	19	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	19	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	19	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	19	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	19	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	19	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	19	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	19	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	19	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	19	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	19	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	19	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	19	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	19	1.0 PPM		NEUTRON ACTIVATION

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Geochemical
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Report

REPORT: 094-42186.0 (COMPLETE)

REFERENCE:

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: MARK STEVENSON

PROJECT: K422

DATE PRINTED: 12-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	19	-200	19	CRUSH/SPLIT & PULV.	19

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Bondar-Clegg & Company Ltd.
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Geochemical Lab Report

DATE PRINTED: 12-AUG-94

REPORT: 094-42186.0 (COMPLETE) PROJECT: K422 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
2031		4043	0.29	>10.00	5408	1.23	0.23	<0.01	0.01	<5	3	86	15
2104		40	0.18	>10.00	<1	0.04	<0.01	<0.01	0.10	<5	<1	67	53
2999		<5	6.76	>10.00	606	2.19	2.83	0.14	2.50	19	17	32	51
3000		<5	0.94	5.24	330	0.32	0.58	0.02	0.06	<5	15	38	8
3046		<5	0.12	1.68	95	0.06	0.16	<0.01	0.05	<5	2	128	2
3047		6	1.13	6.74	821	0.59	0.22	0.01	0.13	<5	25	54	7
3048		<5	1.29	9.26	880	0.56	0.49	0.03	0.05	<5	20	90	9
3049		<5	1.54	7.96	648	0.67	0.32	0.02	0.24	<5	15	91	8
3089		9	2.95	9.96	290	1.84	0.06	0.02	1.42	<5	47	77	24
3090		<5	1.11	6.85	148	0.48	0.43	0.04	0.34	<5	24	46	7
3091		<5	4.36	9.46	91	2.94	0.18	0.02	0.49	<5	46	98	10
3092		<5	2.37	>10.00	705	1.32	<0.01	<0.01	0.21	<5	23	62	11
3093		6	1.86	>10.00	407	1.59	<0.01	<0.01	0.22	<5	12	41	21
3094		7	1.00	9.04	127	0.51	<0.01	0.04	0.32	<5	7	34	8
3095		<5	0.44	5.02	2253	0.61	1.19	<0.01	<0.01	<5	3	148	7
3096		<5	1.88	>10.00	910	1.48	0.06	<0.01	0.88	<5	9	13	16
3097		<5	2.16	>10.00	2482	1.69	0.09	<0.01	0.60	<5	13	29	56
3098		<5	1.00	3.56	95	0.60	0.86	0.03	0.17	<5	2	37	7
3099		<5	2.64	7.18	401	2.02	0.35	0.09	1.46	8	121	114	13

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Bondar Clegg
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Geochemical Lab Report

DATE PRINTED: 12-AUG-94

REPORT: 094-42186.0 (COMPLETE) PROJECT: K422 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2031		6	28	45	<5	8	2	7	0.6	<0.2	<20	<5	14
2104		48	13	88	171	1	1	23	1.1	0.6	21	<5	20
2999		28	111	191	<5	50	10	9	0.9	<0.2	21	<5	<10
3000		6	44	19	<5	9	3	5	0.3	<0.2	<20	<5	<10
3046		3	8	6	<5	6	2	2	0.5	<0.2	<20	<5	<10
3047		3	31	24	<5	5	4	18	0.4	<0.2	<20	<5	<10
3048		3	33	29	<5	17	4	5	0.4	<0.2	<20	<5	<10
3049		4	42	46	<5	8	3	5	0.5	<0.2	<20	<5	<10
3089		40	123	130	<5	3	5	8	0.8	<0.2	<20	<5	<10
3090		8	73	15	<5	6	6	4	0.5	<0.2	<20	<5	<10
3091		31	39	69	<5	5	1	9	0.6	<0.2	<20	<5	<10
3092		5	81	84	<5	3	2	8	0.8	<0.2	<20	<5	<10
3093		25	123	72	<5	6	3	9	1.2	<0.2	<20	<5	<10
3094		6	62	33	<5	10	3	11	0.7	0.3	<20	<5	<10
3095		16	101	20	<5	32	2	3	0.3	<0.2	<20	<5	<10
3096		64	343	48	<5	7	4	11	1.1	<0.2	<20	<5	<10
3097		67	82	73	<5	6	4	8	1.2	<0.2	<20	<5	11
3098		5	106	12	<5	19	2	6	0.3	<0.2	<20	<5	<10
3099		16	62	119	<5	9	5	5	0.3	<0.2	<20	<5	<10

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DATE PRINTED: 12-AUG-94

REPORT: 094-42186.0 (COMPLETE) PROJECT: K422 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
2031		2	50	<20	<2	10	<1.0
2104		5	60	<20	29	13	218.0
2999		52	78	<20	36	7	<1.0
3000		21	24	<20	<2	7	<1.0
3046		5	5	<20	45	<5	2.3
3047		17	30	<20	8	8	1.3
3048		16	32	<20	2	6	1.5
3049		44	28	<20	6	8	1.0
3089		27	44	<20	23	8	<1.0
3090		74	30	<20	<2	6	2.2
3091		50	42	<20	17	8	1.8
3092		28	57	<20	16	7	3.1
3093		19	55	<20	21	10	1.8
3094		28	48	<20	14	7	<1.0
3095		1	16	<20	5	<5	3.0
3096		34	55	<20	61	12	<1.0
3097		25	64	<20	33	9	1.7
3098		50	15	<20	<2	<5	<1.0
3099		272	41	<20	7	<5	<1.0

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REPORT: 094-42186.0 (COMPLETE) PROJECT: K422 PAGE 2A

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
CC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		-	0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9

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Geochemical Lab Report

DATE PRINTED: 12-AUG-94

REPORT: 094-42186.0 (COMPLETE) PROJECT: K422 PAGE 2B

TANDARD NAME	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
CC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		42	290	255	30	39	4	4	0.5	0.8	5	1	-

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DATE PRINTED: 12-AUG-94

REPORT: 094-42186.0 (COMPLETE) PROJECT: K422 PAGE 2C

TANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
CC GEOCHEM STD 4		-	-	-	-	-	29.0
umber of Analyses		-	-	-	-	-	1
Mean Value		-	-	-	-	-	29.00
tandard Deviation		-	-	-	-	-	-
ccepted Value		55	4	1	33	1	28.7

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Certificate of Analysis

REPORT: 094-42200.4 (COMPLETE) REFERENCE:

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: MARK STEVENSON
PROJECT: K424 DATE PRINTED: 12-AUG-94

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	11	0.03 G/T		FIRE ASSAY-AA
2	Ag	Silver	11	0.69 G/T		FIRE ASSAY-AA
3	Zn	Zinc	12	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY
4	Pb	Lead	12	0.01 PCT	HF-HCL-HNO3	AAS LOW LEVEL ASSAY

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	12	AS RECEIVED	12	AS RECEIVED	12

REMARKS: preliminary results only
final to follow
"s" denotes samples to be rerun
IS indicates Insufficient Sample

REPORT COPIES TO: MR. JOHN BURGESS
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Bondar-Clegg & Company Ltd.
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Certificate of Analysis

DATE PRINTED: 12-AUG-94

EPORT: 094-42200.4 (COMPLETE) PROJECT: K424 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
1927		<0.03	1.91	0.09	0.02
1933		0.34	248.57	9.36	6.34
1935		0.85	370.97	11.46	9.76
1943		<0.03	2.74	0.07	0.04
1945		0.75	298.63	9.40	7.25
2045		0.36	304.46	13.78	8.56
2100		0.65	134.40	8.88	4.19
2101		1.99	222.86	5.00	5.53
2102		<0.03	2.12	0.02	0.02
2103		0.05	1.29	0.05	0.02
1859		<0.03	1.23	0.02	0.09
2043		IS	IS	7.20	3.58

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:PORT: 094-42200.4 (COMPLETE) PROJECT: K424 PAGE 2

STANDARD NAME	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
FA SYNTHETIC STD		1.67	8.30	-	-
Number of Analyses		1	1	-	-
:ean Value		1.666	8.297	-	-
:andard Deviation		-	-	-	-
Accepted Value		1.71	8.57	-	-
:NMET Std CZN-1		-	-	-	7.52
Number of Analyses		-	-	-	1
Mean Value		-	-	-	7.516
:andard Deviation		-	-	-	-
Accepted Value		-	-	44.74	7.45

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Certificate of Analysis

DATE PRINTED: 12-AUG-94

REPORT: 094-42200.4 (COMPLETE) PROJECT: K424 PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au G/T	Ag G/T	Zn PCT	Pb PCT
1945		0.75	298.63	9.40	7.25
Duplicate				9.40	7.31
1945		0.36	304.46	13.78	8.56
Duplicate		0.36	304.80		
1903		0.05	1.29	0.05	0.02
Duplicate				0.05	0.02

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Lab Supervisor

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Geochemical Lab Report

REPORT: 094-42235.0 (COMPLETE)

REFERENCE: K431-94-7

CLIENT: KENNECOTT CANADA INC.

PROJECT: K431

SUBMITTED BY: JOHN BURGESS

DATE PRINTED: 18-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	48	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	48	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	48	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	48	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	48	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	48	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	48	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	48	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	48	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	48	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	48	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	48	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	48	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	48	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	48	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	48	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	48	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	48	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	48	1.0 PPM		NEUTRON ACTIVATION
31	Sb	Antimony	48	0.2 PPM		NEUTRON ACTIVATION

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Geochemical
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Report

REPORT: 094-42235.0 (COMPLETE)

REFERENCE: K431-94-7

LIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

PROJECT: K431

DATE PRINTED: 18-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	48	-150	48	CRUSH/SPLIT & PULV.	48

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Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 18-AUG-94

REPORT: 094-42235.0 (COMPLETE) PROJECT: K431 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM
2890		1	69	<20	<2	16	41.0	1.3
2891		2	52	<20	<2	11	201.0	0.5
2892		1	35	<20	<2	8	29.0	1.3
2893		14	75	<20	<2	9	29.0	6.5
2894		7	70	<20	13	14	295.0	4.8
2895		35	8	<20	68	<5	81.0	0.3
2896		9	43	<20	18	12	125.0	4.0
2897		10	59	<20	10	11	2.9	5.3
2898		9	79	<20	104	17	423.0	6.0
2899		1	65	<20	<2	6	2.0	<0.2
2900		1	72	<20	<2	11	3.0	<0.2
2901		15	62	<20	<2	7	26.0	3.1
2902		2	67	<20	<2	14	98.0	<0.2
2903		2	36	<20	<2	6	2.3	0.5
2904		<1	4	<20	<2	<5	1.3	<0.2
2905		1	24	<20	<2	8	19.0	<0.2
2906		1	42	<20	<2	6	2.1	<0.2
2907		<1	46	<20	<2	14	3.2	0.3
2908		10	66	<20	<2	9	18.0	2.1
2909		2	22	<20	<2	6	8.5	<0.2
2910		1	26	<20	<2	6	12.0	<0.2
2911		1	7	<20	<2	<5	1.4	<0.2
2912		<1	34	<20	<2	8	2.3	<0.2
2913		<1	20	<20	<2	7	1.2	<0.2
2914		2	19	<20	<2	6	63.0	0.8
2915		5	41	<20	<2	9	26.0	0.8
2916		9	54	<20	<2	12	2.0	0.4
2917		27	15	<20	6	<5	38.0	0.7
2918		9	55	<20	10	11	110.0	4.7
2919		47	17	<20	23	<5	13.0	0.5
2920		39	50	<20	<2	11	1.9	0.6
2921		<1	13	<20	<2	<5	<1.0	<0.2
2922		9	59	<20	<2	10	2.9	0.6
2923		<1	5	<20	<2	<5	<1.0	<0.2
2924		<1	18	<20	<2	<5	1.2	<0.2
2925		9	39	<20	<2	10	71.0	2.9
2926		25	67	<20	<2	15	150.0	0.5
2927		25	28	<20	<2	6	2.1	3.2
2928		2	45	<20	<2	10	<1.0	0.8
2929		3	45	<20	<2	8	<1.0	0.6

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
2890		<5	0.17	>10.00	1806	0.38	0.14	<0.01	<0.01	<5	7	67	19
2891		<5	0.05	>10.00	2240	0.29	0.04	<0.01	0.03	<5	<1	96	16
2892		<5	<0.01	>10.00	271	<0.01	<0.01	<0.01	0.02	<5	<1	74	10
2893		<5	0.22	>10.00	327	0.01	<0.01	<0.01	0.16	<5	9	28	10
2894		22	0.42	>10.00	142	0.24	0.06	<0.01	0.10	<5	3	27	51
2895		7	<0.01	3.31	24	0.11	0.42	<0.01	0.03	<5	<1	143	6
2896		16	0.22	>10.00	190	0.03	0.15	<0.01	0.12	<5	1	89	82
2897		36	0.27	>10.00	1298	0.38	0.59	<0.01	0.12	<5	68	30	14
2898		34	0.26	>10.00	424	0.03	0.12	<0.01	0.15	<5	72	95	185
2899		<5	0.52	>10.00	10410	2.68	4.74	<0.01	<0.01	<5	28	26	15
2900		<5	0.40	>10.00	11240	2.31	2.55	<0.01	0.01	<5	20	61	22
2901		148	0.27	>10.00	1523	0.07	0.36	<0.01	0.16	<5	3	17	28
2902		14	0.05	>10.00	10185	1.46	0.24	<0.01	0.04	<5	<1	85	33
2903		14	0.20	>10.00	624	0.15	<0.01	<0.01	0.02	<5	<1	81	11
2904		<5	<0.01	1.35	168	<0.01	0.02	<0.01	<0.01	<5	<1	297	2
2905		<5	<0.01	9.60	290	<0.01	<0.01	<0.01	<0.01	<5	<1	74	8
2906		<5	<0.01	>10.00	318	<0.01	<0.01	<0.01	0.02	<5	<1	78	11
2907		<5	<0.01	>10.00	816	<0.01	<0.01	<0.01	<0.01	<5	<1	48	13
2908		22	0.21	>10.00	461	0.02	0.01	<0.01	0.15	<5	<1	13	14
2909		6	<0.01	8.88	883	0.02	<0.01	<0.01	<0.01	<5	<1	78	8
2910		<5	<0.01	>10.00	317	0.02	0.03	<0.01	<0.01	<5	<1	132	8
2911		<5	0.02	2.68	665	0.04	0.16	<0.01	<0.01	<5	<1	160	3
2912		<5	<0.01	>10.00	520	<0.01	<0.01	<0.01	<0.01	<5	<1	136	11
2913		<5	<0.01	6.18	1315	1.83	2.76	<0.01	<0.01	<5	<1	136	6
2914		<5	0.03	7.13	258	0.05	0.08	<0.01	0.03	<5	<1	137	8
2915		<5	5.64	>10.00	260	3.73	<0.01	<0.01	0.05	18	208	167	11
2916		<5	0.08	>10.00	3458	0.03	0.10	<0.01	0.05	<5	9	117	16
2917		<5	0.17	1.59	82	0.05	0.12	<0.01	0.17	<5	2	101	4
2918		44	1.32	>10.00	209	1.04	0.11	<0.01	0.09	<5	62	61	16
2919		<5	0.06	0.67	11	<0.01	3.03	<0.01	0.04	<5	12	92	2
2920		60	0.41	>10.00	3013	0.95	0.12	<0.01	0.20	<5	11	45	14
2921		<5	<0.01	6.00	50	<0.01	<0.01	<0.01	<0.01	<5	<1	237	7
2922		<5	0.21	>10.00	5968	1.26	0.27	<0.01	0.05	<5	2	63	16
2923		<5	0.13	1.62	230	0.13	0.22	<0.01	<0.01	<5	4	176	2
2924		<5	1.00	5.70	1381	1.94	2.88	<0.01	<0.01	<5	21	106	6
2925		82	0.63	>10.00	29	0.36	0.10	0.01	0.12	<5	2	44	46
2926		<5	0.60	>10.00	3112	0.95	0.10	<0.01	0.08	<5	28	27	31
2927		<5	0.30	9.57	2659	0.59	0.08	<0.01	0.10	<5	13	29	10
2928		<5	3.17	>10.00	648	3.14	<0.01	<0.01	0.03	6	95	100	12
2929		47	3.52	>10.00	1114	3.04	0.02	<0.01	0.03	10	121	130	15

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Geochemical Lab Report

DATE PRINTED: 18-AUG-94

REPORT: 094-42235.0 (COMPLETE) PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2890		33	114	449	14	2	1	8	1.1	1.7	21	<5	26
2891		21	61	159	152	2	2	8	0.8	<0.2	<20	<5	18
2892		4	60	60	6	<1	<1	12	0.8	0.2	<20	<5	13
2893		16	62	50	<5	2	5	36	0.9	<0.2	<20	<5	11
2894		39	159	437	231	4	3	25	1.4	1.1	21	6	24
2895		27	7	151	79	5	<1	12	0.3	<0.2	<20	<5	<10
2896		24	122	303	93	6	3	24	1.3	1.3	<20	6	18
2897		230	549	386	<5	18	9	57	3.0	2.4	<20	<5	18
2898		143	440	484	346	7	9	57	3.1	2.0	23	7	28
2899		5	8	63	<5	60	3	4	0.5	<0.2	<20	<5	16
2900		9	22	63	5	43	4	5	0.7	0.3	<20	<5	23
2901		31	165	36	<5	10	5	35	5.1	0.2	<20	<5	18
2902		31	68	86	66	10	2	8	0.6	<0.2	23	<5	21
2903		4	53	44	<5	<1	<1	7	0.8	<0.2	<20	<5	14
2904		8	11	3	<5	<1	<1	2	<0.2	<0.2	<20	<5	<10
2905		6	55	103	<5	<1	<1	7	0.6	<0.2	<20	<5	<10
2906		3	62	348	<5	<1	<1	10	0.9	0.5	<20	<5	13
2907		3	24	26	<5	<1	2	9	0.8	0.3	<20	<5	19
2908		24	166	310	<5	2	3	35	1.0	0.6	<20	<5	16
2909		2	8	14	<5	<1	<1	6	0.5	0.3	<20	<5	<10
2910		3	41	178	<5	<1	<1	9	0.5	<0.2	<20	<5	<10
2911		4	5	6	<5	2	<1	2	<0.2	<0.2	<20	<5	<10
2912		9	62	33	<5	<1	1	7	0.7	<0.2	<20	<5	15
2913		4	12	29	<5	28	3	4	0.2	<0.2	<20	<5	<10
2914		8	49	70	51	2	<1	6	0.5	<0.3	<20	<5	<10
2915		19	44	218	36	<1	<1	9	1.0	<0.2	<20	<5	<10
2916		18	78	280	<5	6	7	15	0.9	1.1	<20	<5	20
2917		9	13	25	35	2	<1	5	0.2	<0.2	<20	<5	<10
2918		15	129	101	90	4	2	17	3.7	<0.2	<20	<5	17
2919		5	6	6	13	31	35	1	<0.2	<0.2	<20	<5	<10
2920		4	68	20	<5	5	3	7	0.8	<0.2	<20	<5	15
2921		14	41	15	<5	<1	<1	4	0.4	0.2	<20	<5	<10
2922		3	29	22	<5	4	9	7	0.7	<0.2	<20	<5	19
2923		6	10	9	<5	3	<1	1	<0.2	<0.2	<20	<5	<10
2924		6	17	60	<5	42	2	3	0.3	<0.2	<20	<5	<10
2925		282	288	990	49	4	6	19	1.9	3.8	<20	<5	16
2926		19	82	47	111	5	2	7	0.8	<0.2	<20	<5	22
2927		2	21	19	<5	5	10	5	0.4	<0.2	<20	<5	<10
2928		9	72	105	<5	1	<1	7	0.9	<0.2	<20	<5	<10
2929		12	76	100	<5	1	<1	8	0.9	<0.2	<20	<5	13

Bondar-Clegg & Company Ltd.
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Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

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DATE PRINTED: 18-AUG-94

PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
2930		5	0.64	>10.00	463	0.63	0.47	<0.01	<0.01	<5	38	152	14
2931		<5	0.02	1.75	72	<0.01	0.06	<0.01	<0.01	<5	2	256	2
2932		<5	0.28	>10.00	1701	0.37	0.02	<0.01	<0.01	<5	5	48	15
2933		<5	1.80	7.76	2250	2.13	1.55	<0.01	0.01	<5	51	170	10
2934		<5	1.33	3.68	214	1.51	0.03	<0.01	0.03	<5	52	147	4
2935		1669	0.34	>10.00	2341	0.57	0.08	<0.01	0.09	<5	11	79	19
2936		<5	0.12	>10.00	8819	2.51	0.98	<0.01	0.02	<5	4	27	16
2937		<5	<0.01	>10.00	2854	2.64	4.72	<0.01	<0.01	<5	1	61	13

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REPORT: 094-42235.0 (COMPLETE) PROJECT: K431

AMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2930		3	82	41	<5	9	<1	7	1.0	<0.2	<20	<5	19
2931		6	11	3	<5	2	<1	1	<0.2	<0.2	<20	<5	<10
2932		6	99	35	<5	1	1	8	1.0	<0.2	<20	<5	21
2933		14	23	82	<5	31	2	12	0.3	<0.2	<20	<5	<10
2934		3	12	50	<5	2	<1	6	0.3	<0.2	<20	<5	<10
2935		7	42	59	<5	5	2	9	0.8	0.8	22	<5	27
2936		2	6	33	<5	15	4	5	0.3	<0.2	<20	<5	23
2937		<1	5	20	<5	26	3	5	0.6	0.3	<20	<5	21

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SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM
2930		<1	56	<20	<2	9	2.5	<0.2
2931		<1	4	<20	<2	<5	<1.0	<0.2
2932		<1	53	<20	<2	11	4.5	<0.2
2933		5	25	<20	<2	8	<1.0	0.3
2934		5	14	<20	5	<5	<1.0	<0.2
2935		22	66	<20	<2	11	2.7	0.4
2936		4	69	<20	<2	6	1.0	0.4
2937		3	53	<20	<2	12	3.1	<0.2

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STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
IGH GOLD STANDARD		511	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		1	-	-	-	-	-	-	-	-	-	-	-
Mean Value		511.3	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		500	-	-	-	-	-	-	-	-	-	-	-
CC GEOCHEM STD 5		-	3.10	4.74	713	1.92	0.99	0.05	0.29	16	126	48	19
umber of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	3.103	4.740	713.1	1.920	0.990	0.055	0.290	16.0	126.0	48.0	19.0
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		-	3.09	4.74	720	1.83	1.08	0.06	0.32	18	133	54	18
BCC GEOCHEM STD 4		-	0.82	2.52	627	1.41	1.48	0.08	0.14	16	8	76	12
umber of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
ean Value		-	0.825	2.520	627.0	1.410	1.479	0.080	0.140	16.0	8.0	75.8	11.6
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9
OW AU STANDARD		16	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-
ean Value		15.9	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		17	-	-	-	-	-	-	-	-	-	-	-
NALYTICAL BLANK		-	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
ANALYTICAL BLANK		-	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
Number of Analyses		-	2	2	2	2	2	2	2	2	2	2	2
ean Value		-	0.005	0.005	0.5	0.005	0.005	0.005	0.005	2.5	0.5	0.5	0.5
tandard Deviation		-	<0.0001	<0.0001	<0.01	<0.0001	<0.0001	<0.0001	<0.0001	<0.01	<0.01	<0.01	<0.01
ccepted Value		5	<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1
BCC GOLD STD 90-3		754	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		1	-	-	-	-	-	-	-	-	-	-	-
ean Value		754.4	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		765	-	-	-	-	-	-	-	-	-	-	-

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PROJECT: K431

STANDARD NAME / ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
IGH GOLD STANDARD	-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value	-	-	-	-	-	-	-	-	-	-	-	-
CC GEOCHEM STD 5	39	90	76	8	31	6	4	0.9	<0.2	<20	<5	<10
umber of Analyses	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value	39.0	90.0	76.1	8.4	31.0	6.4	4.2	0.94	0.10	10.0	2.5	5.0
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value	36	90	80	8	39	9	2	0.7	0.1	4	1	<1
BCC GEOCHEM STD 4	44	273	244	32	39	3	4	0.5	0.6	<20	<5	<10
umber of Analyses	1	1	1	1	1	1	1	1	1	1	1	1
ean Value	43.6	273.5	243.8	31.7	39.0	2.8	3.7	0.52	0.60	10.0	2.5	5.0
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	42	290	255	30	39	4	4	0.5	0.8	5	1	-
OW AU STANDARD	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
ean Value	-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-	-
NALYTICAL BLANK	<1	<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10
ANALYTICAL BLANK	<1	<1	<1	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10
Number of Analyses	2	2	2	2	2	2	2	2	2	2	2	2
ean Value	0.5	0.5	0.5	2.5	0.5	0.5	0.5	0.10	0.10	10.0	2.5	5.0
tandard Deviation	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01	<0.01
ccepted Value	1	1	1	5	<1	<1	1	0.2	1.0	<1	5	<1
BCC GOLD STD 90-3	-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
ean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value	-	-	-	-	-	-	-	68.6	-	-	-	-

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Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 18-AUG-94

REPORT: 094-42235.0 (COMPLETE) PROJECT: K431

TANDARD NAME / ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM
IGH GOLD STANDARD	-	-	-	-	-	-	-
umber of Analyses	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-
tandard Deviation	-	-	-	-	-	-	-
ccepted Value	-	-	-	-	-	-	-
CC GEOCHEM STD 5	204	7	<20	7	<5	-	-
umber of Analyses	1	1	1	1	1	-	-
Mean Value	204.0	7.0	10.0	7.3	2.5	-	-
Standard Deviation	-	-	-	-	-	-	-
ccepted Value	200	5	2	11	1	-	-
BCC GEOCHEM STD 4	56	5	<20	30	<5	30.0	<0.2
umber of Analyses	1	1	1	1	1	1	1
ean Value	56.0	5.0	10.0	30.4	2.5	30.00	0.10
Standard Deviation	-	-	-	-	-	-	-
Accepted Value	55	4	1	33	1	28.7	0.5
OW AU STANDARD	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-
ean Value	-	-	-	-	-	-	-
tandard Deviation	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-
NALYTICAL BLANK	<1	<1	<20	<2	<5	-	-
ANALYTICAL BLANK	<1	<1	<20	<2	<5	-	-
Number of Analyses	2	2	2	2	2	-	-
ean Value	0.5	0.5	10.0	1.0	2.5	-	-
tandard Deviation	<0.01	<0.01	<0.01	<0.01	<0.01	-	-
ccepted Value	<1	<1	<1	2	2	<0.1	<0.1
BCC GOLD STD 90-3	-	-	-	-	-	-	-
umber of Analyses	-	-	-	-	-	-	-
ean Value	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-
ccepted Value	-	-	-	-	-	-	-

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Inchcape Testing Services

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AMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
895		7	<0.01	3.31	24	0.11	0.42	<0.01	0.03	<5	<1	143	6
uplicate		<5	<0.01	3.39	24	0.12	0.43	<0.01	0.03	<5	<1	148	6
898		34	0.26	>10.00	424	0.03	0.12	<0.01	0.15	<5	72	95	185
rep Duplicate		30	0.34	>10.00	523	0.04	0.12	<0.01	0.18	<5	89	142	168
908		22	0.21	>10.00	461	0.02	0.01	<0.01	0.15	<5	<1	13	14
uplicate													
2912		<5	<0.01	>10.00	520	<0.01	<0.01	<0.01	<0.01	<5	<1	136	11
uplicate			<0.01	>10.00	516	<0.01	<0.01	<0.01	<0.01	<5	<1	132	11
2918		44	1.32	>10.00	209	1.04	0.11	<0.01	0.09	<5	62	61	16
uplicate		47											
2929		47	3.52	>10.00	1114	3.04	0.02	<0.01	0.03	10	121	130	15
Prep Duplicate		66	3.85	>10.00	1088	3.21	0.03	<0.01	0.03	11	131	137	15
2931		<5	0.02	1.75	72	<0.01	0.06	<0.01	<0.01	<5	2	256	2
Duplicate			0.02	1.74	73	<0.01	0.06	<0.01	<0.01	<5	2	261	2

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SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2895		27	7	151	79	5	<1	12	0.3	<0.2	<20	<5	<10
Duplicate		28	7	156	79	6	<1	12	0.3	0.3	<20	<5	<10
2898		143	440	484	346	7	9	57	3.1	2.0	23	7	28
Prep Duplicate		140	455	597	296	7	10	57	3.0	1.8	24	5	26
2908		24	166	310	<5	2	3	35	1.0	0.6	<20	<5	16
Duplicate													
2912		9	62	33	<5	<1	1	7	0.7	<0.2	<20	<5	15
Duplicate		11	62	32	<5	<1	1	7	0.7	<0.2	<20	<5	13
2918		15	129	101	90	4	2	17	3.7	<0.2	<20	<5	17
Duplicate													
2929		12	76	100	<5	1	<1	8	0.9	<0.2	<20	<5	13
Prep Duplicate		13	79	110	<5	1	<1	8	0.9	<0.2	<20	<5	16
2931		6	11	3	<5	2	<1	1	<0.2	<0.2	<20	<5	<10
Duplicate		6	12	3	<5	2	<1	1	<0.2	<0.2	<20	<5	<10

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AMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM
B95		35	8	<20	68	<5	81.0	0.3
uplicate		34	9	<20	69	<5		
898		9	79	<20	104	17	423.0	6.0
rep Duplicate		11	75	<20	81	17	362.0	5.2
908		10	66	<20	<2	9	18.0	2.1
uplicate							17.0	1.9
2912		<1	34	<20	<2	8	2.3	<0.2
uplicate		<1	34	<20	<2	<5		
2918		9	55	<20	10	11	110.0	4.7
uplicate								
2929		3	45	<20	<2	8	<1.0	0.6
rep Duplicate		3	46	<20	<2	7	<1.0	0.5
2931		<1	4	<20	<2	<5	<1.0	<0.2
Duplicate		<1	4	<20	<2	<5		

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42244.0 (COMPLETE) REFERENCE: K431-94-6

CLIENT: KENNECOTT CANADA INC. SUBMITTED BY: JOHN BURGESS

PROJECT: K431 DATE PRINTED: 18-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	52	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	52	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	52	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	52	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	52	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	52	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	52	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	52	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	52	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	52	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	52	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	52	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	52	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	52	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	52	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	52	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	52	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	52	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	52	1.0 PPM		NEUTRON ACTIVATION
31	Sb	Antimony	52	0.2 PPM		NEUTRON ACTIVATION
32	Hg	Mercury	52	5 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42244.0 (COMPLETE)

REFERENCE: K431-94-6

.IENT: KENNECOTT CANADA INC.

PROJECT: K431

SUBMITTED BY: JOHN BURGESS

DATE PRINTED: 18-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	52	-150	52	CRUSH/SPLIT & PULV.	52

REPORT COPIES TO: MR. JOHN BURGESS
FAX: JOHN BURGESS

INVOICE TO: MR. JOHN BURGESS

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Geochemical Lab Report

REPORT: 094-42244.0 (COMPLETE)

DATE PRINTED: 18-AUG-94

PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
2202		<5	0.48	8.91	104	0.15	0.02	0.01	0.17	<5	20	231	8
2214		23	0.58	8.20	22	0.04	<0.01	0.02	0.22	<5	20	57	8
2215		<5	0.15	2.75	210	0.15	0.10	<0.01	<0.01	<5	6	298	4
2216		<5	0.32	6.23	33	0.03	<0.01	0.01	0.19	<5	18	146	5
1950		<5	2.85	7.36	1080	2.79	4.18	0.02	0.06	10	130	112	39
2839		<5	0.18	>10.00	8050	0.64	0.11	<0.01	0.09	<5	7	59	13
2840		22	1.42	>10.00	1369	0.82	0.42	<0.01	0.14	<5	327	229	14
2842		<5	0.37	7.03	391	0.14	0.05	<0.01	0.04	<5	79	277	6
2843		21	1.16	>10.00	2328	0.65	0.69	0.01	0.11	<5	297	163	16
2844		<5	0.34	7.53	3627	0.78	0.57	<0.01	0.06	<5	64	221	8
2845		16	1.60	>10.00	1886	1.01	0.45	0.01	0.11	<5	272	114	16
2846		26	1.11	>10.00	1672	0.99	0.93	<0.01	0.15	<5	285	105	26
2847		10	1.29	>10.00	2133	1.06	0.31	<0.01	0.15	<5	134	148	25
2848		<5	0.24	4.88	497	0.08	0.13	<0.01	0.12	<5	24	247	10
2849		44	0.81	>10.00	831	0.47	0.84	0.01	0.20	<5	432	56	28
2851		12	1.22	>10.00	5817	1.75	0.46	<0.01	0.20	<5	112	97	28
2852		14	1.20	>10.00	1135	0.64	0.20	<0.01	0.19	<5	110	168	41
2853		8	0.68	8.90	362	0.41	0.14	<0.01	0.22	<5	20	128	110
2854		28	1.17	>10.00	2439	1.05	0.85	<0.01	0.11	<5	242	76	47
2855		24	0.41	1.90	30	0.06	0.02	<0.01	0.27	<5	39	107	19
2856		47	1.63	>10.00	1198	0.86	0.82	<0.01	0.10	<5	447	69	37
2857		24	1.15	>10.00	848	0.59	0.19	0.01	0.11	<5	257	48	17
2858		79	0.97	>10.00	441	0.38	0.39	0.01	0.25	<5	514	60	29
2859		45	0.84	>10.00	231	0.27	0.22	0.01	0.26	<5	400	83	76
2860		45	0.59	>10.00	392	0.33	0.57	0.01	0.21	<5	198	107	24
2863		20	0.17	>10.00	60	0.01	0.02	0.01	0.12	<5	30	133	11
2864		34	0.48	>10.00	365	0.81	1.20	<0.01	0.21	<5	37	67	22
2865		<5	0.02	0.49	30	<0.01	0.02	<0.01	<0.01	<5	6	173	1
2866		30	0.34	6.49	94	0.04	0.09	<0.01	0.24	<5	34	39	12
2867		13	0.96	>10.00	2298	0.50	0.10	<0.01	0.02	<5	335	109	19
2868		26	0.27	5.21	77	0.06	<0.01	<0.01	0.12	<5	89	115	4
2869		6	0.37	2.56	52	0.03	0.03	<0.01	0.25	<5	8	70	3
2870		<5	0.02	4.02	138	0.01	0.02	<0.01	0.01	<5	2	68	5
2871		14	0.89	5.39	255	0.42	<0.01	<0.01	0.22	<5	45	56	8
2872		9	0.05	1.28	20	<0.01	0.02	<0.01	0.05	<5	1	133	6
2873		<5	0.27	3.10	21	0.01	0.03	0.03	0.23	<5	3	72	5
2874		<5	<0.01	6.05	943	0.16	0.03	0.01	0.02	<5	<1	121	6
2875		<5	<0.01	4.24	622	0.02	0.04	<0.01	0.01	<5	<1	174	4
2876		<5	0.25	>10.00	357	0.06	0.17	0.01	0.13	<5	18	80	19
2877		<5	0.03	>10.00	5602	1.64	0.61	<0.01	0.03	<5	<1	85	14

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Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 18-AUG-94

REPORT: 094-42244.0 (COMPLETE) PROJECT: K431 PAGE 1B

AMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2202		10	74	29	9	2	3	21	0.6	<0.2	<20	<5	<10
2214		12	64	130	36	4	3	26	0.8	0.3	<20	8	<10
2215		10	20	12	<5	3	<1	3	0.6	<0.2	<20	<5	<10
2216		3	25	16	<5	2	3	27	0.8	<0.2	<20	<5	<10
1950		59	118	57	45	92	2	6	0.6	<0.2	<20	<5	<10
2839		6	8	15	<5	7	4	6	0.5	0.4	<20	<5	11
2840		40	290	757	10	17	18	55	2.8	3.8	<20	6	12
2842		13	38	60	<5	3	3	14	1.6	<0.2	<20	<5	<10
2843		69	255	1817	20	26	17	54	2.7	11.1	<20	8	16
2844		35	39	311	<5	10	4	15	0.9	2.1	<20	5	<10
2845		38	234	1040	79	19	17	56	2.6	5.9	<20	6	18
2846		233	368	2773	62	29	15	61	3.1	19.1	<20	7	17
2847		139	180	2175	79	12	9	45	1.8	13.9	<20	<5	<10
2848		61	158	77	14	8	4	14	0.8	0.3	<20	<5	<10
2849		339	724	1729	51	25	20	106	4.7	10.3	<20	13	16
2851		103	110	742	197	20	12	29	2.0	4.2	<20	8	15
2852		106	227	648	65	12	12	25	1.8	3.3	<20	<5	14
2853		112	249	936	70	10	7	15	1.3	5.5	<20	5	<10
2854		190	257	1398	89	29	16	46	2.8	9.9	21	11	22
2855		16	70	519	65	5	9	25	1.4	3.5	<20	<5	<10
2856		91	238	1385	116	31	22	66	2.9	10.9	<20	9	13
2857		47	358	880	29	14	13	65	3.0	6.4	22	<5	17
2858		291	440	2313	105	13	18	110	4.0	14.1	23	13	15
2859		247	513	1732	127	9	18	105	4.1	11.2	<20	19	16
2860		347	488	3720	80	16	12	83	3.0	23.4	<20	13	13
2863		72	185	1298	148	3	3	40	2.4	7.5	<20	7	10
2864		102	153	662	172	26	5	39	2.0	4.0	<20	15	12
2865		3	4	8	9	2	<1	2	<0.2	<0.2	<20	<5	<10
2866		49	36	199	213	10	5	41	1.7	0.4	<20	19	<10
2867		61	234	383	54	6	10	44	1.9	0.8	<20	7	17
2868		4	19	17	48	2	3	33	0.6	<0.2	<20	6	<10
2869		3	15	9	<5	2	3	9	0.3	<0.2	<20	<5	<10
2870		9	128	32	11	2	<1	5	0.4	0.2	<20	<5	<10
2871		9	63	30	30	2	7	45	0.6	<0.2	<20	<5	<10
2872		6	14	20	61	3	<1	2	1.6	<0.2	<20	6	<10
2873		4	29	35	37	14	3	22	1.3	<0.2	<20	<5	<10
2874		10	63	790	<5	2	<1	5	0.5	4.0	<20	<5	<10
2875		7	22	59	7	2	1	3	0.3	<0.2	<20	<5	<10
2876		21	26	38	<5	6	3	9	2.2	0.2	<20	<5	16
2877		11	51	63	27	7	3	8	0.6	<0.2	<20	<5	13

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Geochemical Lab Report

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REPORT: 094-42244.0 (COMPLETE) PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
2202		18	50	<20	7	9	12.0	3.1	59
2214		16	41	<20	11	7	43.0	7.6	349
2215		<1	9	<20	187	<5	1.3	0.4	6
2216		25	43	<20	10	8	3.5	4.7	57
1950		5	26	<20	<2	6	28.0	<0.2	<5
2839		14	34	<20	<2	8	1.3	1.0	73
2840		26	54	<20	12	9	5.1	10.0	3445
2842		4	20	<20	14	<5	2.6	2.7	693
2843		15	55	<20	8	13	22.0	12.0	3253
2844		9	23	<20	6	<5	5.3	5.9	1111
2845		16	60	<20	10	10	83.0	8.0	1907
2846		16	52	<20	12	15	60.0	10.0	2995
2847		17	41	<20	9	8	84.0	8.3	2248
2848		15	16	<20	7	6	14.0	1.6	285
2849		16	46	<20	39	10	65.0	22.0	2546
2851		28	61	<20	32	13	215.0	8.0	1047
2852		28	55	<20	15	10	71.0	8.8	1173
2853		29	35	<20	18	6	71.0	5.3	1047
2854		16	59	<20	15	13	82.0	9.4	1217
2855		35	32	<20	29	<5	60.0	4.5	5008
2856		13	49	<20	11	10	124.0	10.0	3072
2857		16	64	<20	8	13	34.0	8.8	2835
2858		22	49	<20	32	18	119.0	22.1	3272
2859		20	44	<20	33	9	159.0	28.2	2535
2860		18	42	<20	41	8	83.0	18.0	3100
2863		9	29	<20	15	9	151.0	10.0	6048
2864		16	38	<20	48	6	203.0	22.4	2042
2865		3	3	<20	3	<5	11.0	<0.2	101
2866		27	34	<20	39	7	230.0	25.4	2115
2867		3	57	<20	<2	15	50.0	4.6	728
2868		13	27	<20	20	7	59.0	6.6	189
2869		25	37	<20	5	<5	3.4	1.9	171
2870		1	12	<20	5	<5	14.0	0.7	97
2871		23	63	<20	10	<5	27.0	4.1	570
2872		5	7	<20	84	<5	64.0	7.6	283
2873		23	30	<20	132	<5	40.0	3.6	292
2874		1	15	<20	2	<5	1.9	1.2	337
2875		2	12	<20	<2	<5	8.2	0.8	107
2876		7	53	<20	41	12	20.0	1.6	269
2877		9	41	<20	<2	14	39.0	<0.2	137

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AMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
2878		<5	<0.01	1.49	198	0.02	0.06	<0.01	<0.01	<5	<1	155	3
2879		14	0.53	>10.00	60	0.19	0.15	<0.01	0.37	<5	12	80	27
2880		<5	0.02	4.88	610	1.33	2.17	<0.01	0.01	<5	<1	111	6
2881		20	0.26	>10.00	<1	0.04	0.04	<0.01	0.21	<5	1	63	66
2882		16	0.29	6.05	193	0.23	0.39	<0.01	0.21	<5	6	118	14
2883		10	0.06	>10.00	166	0.04	0.08	<0.01	0.05	<5	<1	148	20
2884		<5	0.01	>10.00	610	0.14	0.80	<0.01	0.01	<5	<1	78	10
2885		6	0.30	3.48	159	0.08	0.85	<0.01	0.28	<5	6	84	10
2886		10	0.37	2.09	17	0.02	<0.01	<0.01	0.29	<5	12	71	2
2887		10	0.44	8.53	53	0.12	0.14	<0.01	0.28	<5	13	94	14
2888		<5	0.32	2.87	29	0.02	<0.01	<0.01	0.29	<5	9	62	3
2889		8	<0.01	4.92	7	<0.01	<0.01	<0.01	0.01	<5	<1	80	7

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada

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SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2878		9	54	41	10	2	<1	1	<0.2	<0.2	<20	<5	<10
2879		71	349	296	73	5	3	20	1.1	1.0	<20	<5	10
2880		21	221	15	5	21	2	4	0.4	0.2	<20	<5	<10
2881		74	180	222	89	4	2	20	1.1	1.1	<20	<5	16
2882		17	41	114	36	18	2	14	0.7	<0.2	<20	<5	<10
2883		32	47	23	154	9	1	13	1.1	<0.2	<20	6	13
2884		12	82	79	14	11	2	6	0.7	<0.2	<20	<5	<10
2885		8	27	53	15	31	3	11	0.5	<0.2	<20	<5	<10
2886		2	22	15	28	2	4	24	0.8	<0.2	<20	<5	<10
2887		85	193	110	<5	11	5	24	1.0	0.4	<20	<5	<10
2888		4	40	22	35	3	3	21	0.7	<0.2	<20	<5	<10
2889		28	26	8	33	1	<1	6	0.4	<0.2	<20	<5	<10

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Inchcape Testing Services

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REPORT: 094-42244.0 (COMPLETE) PROJECT: K431 PAGE 2C

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
2878		2	4	<20	<2	<5	10.0	<0.2	88
2879		15	35	<20	18	10	87.0	5.4	834
2880		1	15	<20	<2	<5	10.0	0.7	125
2881		11	45	<20	15	11	119.0	5.3	417
2882		23	26	<20	13	5	47.0	4.3	1084
2883		3	33	<20	12	11	180.0	3.7	168
2884		1	29	<20	<2	9	28.0	0.4	116
2885		20	29	<20	12	<5	21.0	4.9	534
2886		22	48	<20	15	<5	36.0	5.7	702
2887		17	37	<20	5	7	10.0	1.2	391
2888		21	42	<20	22	<5	39.0	5.0	337
2889		2	12	<20	4	<5	38.0	0.8	138

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STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
BCC GEOCHEM STD 4		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9
BCC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180	40

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STANDARD NAME / ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
CC GEOCHEM STD 4	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	42	290	255	30	39	4	4	0.5	0.8	5	1	-
CC GEOCHEM STD 3	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	600	820	500	320	78	6	600	5.0	2.0	16	50	<1

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STANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
CC GEOCHEM STD 4		-	-	-	-	-	29.0	<0.2	-
Number of Analyses		-	-	-	-	-	1	1	-
Mean Value		-	-	-	-	-	29.00	0.10	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		55	4	1	33	1	28.7	0.5	30
CC GEOCHEM STD 3		-	-	-	-	-	321.0	72.1	-
Number of Analyses		-	-	-	-	-	1	1	-
Mean Value		-	-	-	-	-	321.00	72.10	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		220	6	-	250	4	310.0	70.0	3550

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Geochemical Lab Report

REPORT: 094-42244.0 (COMPLETE)

DATE PRINTED: 18-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
950		<5	2.85	7.36	1080	2.79	4.18	0.02	0.06	10	130	112	39
Prep Duplicate													
339		<5	0.18	>10.00	8050	0.64	0.11	<0.01	0.09	<5	7	59	13
Duplicate													
981		20	0.26	>10.00	<1	0.04	0.04	<0.01	0.21	<5	1	63	66
Prep Duplicate													

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Geochemical Lab Report

REPORT: 094-42244.0 (COMPLETE)

DATE PRINTED: 18-AUG-94

PROJECT: K431

AMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
950		59	118	57	45	92	2	6	0.6	<0.2	<20	<5	<10
Prep Duplicate													
939		6	8	15	<5	7	4	6	0.5	0.4	<20	<5	11
uplicate													
381		74	180	222	89	4	2	20	1.1	1.1	<20	<5	16
rep Duplicate													

Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

DATE PRINTED: 18-AUG-94

REPORT: 094-42244.0 (COMPLETE) PROJECT: K431

AMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
950		5	26	<20	<2	6	28.0	<0.2	<5
Prep Duplicate							28.0	<0.2	
839		14	34	<20	<2	8	1.3	1.0	73
uplicate							1.5	1.0	
881		11	45	<20	15	11	119.0	5.3	417
rep Duplicate							116.0	5.1	

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Geochemical
Lab
Report

REPORT: 094-42238.0 (COMPLETE) REFERENCE: K431-94-5

LIENT: KENNECOTT CANADA INC. SUBMITTED BY: JOHN BURGESS
PROJECT: K431 DATE PRINTED: 19-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	16	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	AuRew1	Gold Reweighs	1	1 PPB	FIRE ASSAY	
3	Al	Aluminum	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Fe	Iron	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mn	Manganese	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Mg	Magnesium	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Ca	Calcium	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Na	Sodium	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	K	Potassium	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Sc	Scandium	16	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	V	Vanadium	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Cr	Chromium	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Co	Cobalt	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Ni	Nickel	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Cu	Copper	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Zn	Zinc	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	As	Arsenic	16	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Sr	Strontium	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Y	Yttrium	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Mo	Molybdenum	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Ag	Silver	16	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Cd	Cadmium	16	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sn	Tin	16	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Sb	Antimony	16	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Te	Tellurium	16	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	Ba	Barium	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	La	Lanthanum	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	W	Tungsten	16	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Pb	Lead	16	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	Bi	Bismuth	16	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
31	As	Arsenic	16	1.0 PPM		NEUTRON ACTIVATION

Bondar Clegg
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Geochemical
Lab
Report

REPORT: 094-42238.0 (COMPLETE)

REFERENCE: K431-94-5

LIENT: KENNECOTT CANADA INC.
PROJECT: K431

SUBMITTED BY: JOHN BURGESS
DATE PRINTED: 19-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	16	-200	16	CRUSH/SPLIT & PULV.	16

REPORT COPIES TO: MR. JOHN BURGESS
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Geochemical Lab Report

REPORT: 094-42238.0 (COMPLETE)

DATE PRINTED: 19-AUG-94
PROJECT: K431

AMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuRew1 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM
2823		<5		0.02	7.74	4578	1.77	2.53	<0.01	<0.01	<5	<1	66
2824		<5		0.40	>10.00	2968	0.88	0.19	<0.01	0.03	<5	9	75
2825		<5		0.84	8.64	446	0.92	0.07	<0.01	0.05	<5	36	114
2826		108		0.73	8.91	1043	0.70	0.03	<0.01	0.05	<5	36	123
2827		47		0.07	2.68	180	0.02	0.03	<0.01	0.03	<5	4	174
2828		253		0.08	9.85	645	0.04	<0.01	<0.01	<0.01	<5	2	135
2829		<5		0.03	3.61	756	0.03	0.02	<0.01	<0.01	<5	<1	179
2830		40		0.26	8.58	882	0.21	0.03	<0.01	0.01	<5	7	124
2831		711	775	0.15	>10.00	4634	0.87	0.06	<0.01	<0.01	<5	3	120
2832		7		0.80	>10.00	1223	0.77	0.04	<0.01	0.07	<5	15	93
2833		14		0.17	>10.00	2662	0.10	0.01	<0.01	0.03	<5	3	51
2834		317		0.14	5.97	2218	0.68	0.48	<0.01	0.09	<5	5	193
2835		<5		0.09	>10.00	7583	2.56	7.46	<0.01	0.01	<5	4	26
2836		<5		0.07	>10.00	9833	2.52	1.84	<0.01	0.01	<5	3	36
2837		<5		<0.01	4.25	1203	0.40	0.29	<0.01	0.01	<5	<1	144
2838		7		0.32	>10.00	3406	0.13	0.42	<0.01	0.09	<5	32	70

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Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 19-AUG-94

REPORT: 094-42238.0 (COMPLETE) PROJECT: K431 PAGE 1B

AMPLE NUMBER	ELEMENT UNITS	Co PPM	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM
2823		10	6	12	65	37	12	2	3	0.4	<0.2	<20	<5
2824		16	22	114	47	13	3	2	6	0.9	<0.2	<20	<5
2825		14	38	101	49	8	4	1	6	0.7	<0.2	<20	<5
2826		12	19	119	47	19	2	2	12	1.1	<0.2	<20	<5
2827		4	15	52	19	9	2	<1	6	0.8	0.2	<20	<5
2828		10	16	60	27	7	<1	<1	7	1.0	0.2	<20	<5
2829		5	7	51	131	<5	1	<1	2	0.3	0.9	<20	<5
2830		10	31	145	43	16	2	<1	5	1.1	0.6	<20	<5
2831		16	12	58	40	<5	2	1	6	4.0	<0.2	<20	<5
2832		16	53	92	53	9	4	1	9	1.1	<0.2	<20	<5
2833		28	65	42	34	29	2	1	7	1.5	<0.2	21	<5
2834		14	15	39	26	<5	11	1	3	1.6	<0.2	<20	<5
2835		13	2	5	22	30	33	4	3	0.6	<0.2	<20	<5
2836		19	10	4	25	33	6	4	4	0.6	<0.2	<20	6
2837		5	5	53	13	8	3	<1	4	0.3	<0.2	<20	<5
2838		14	27	79	177	12	33	9	12	1.1	0.8	<20	<5

Bondar-Clegg & Company Ltd.
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Geochemical Lab Report

REPORT: 094-42238.0 (COMPLETE)

DATE PRINTED: 19-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
2823		<10	2	22	<20	3	7	40.0
2824		11	2	36	<20	8	10	8.4
2825		<10	6	20	<20	9	5	5.8
2826		<10	7	27	<20	28	6	10.0
2827		<10	2	12	<20	6	<5	8.2
2828		<10	1	22	<20	<2	6	11.0
2829		<10	<1	8	<20	9	<5	1.6
2830		<10	1	18	<20	3	8	18.0
2831		12	<1	32	<20	<2	11	2.7
2832		13	6	43	<20	2	11	4.0
2833		25	4	71	<20	<2	18	6.2
2834		<10	69	14	<20	3	7	2.2
2835		14	5	49	<20	<2	9	4.7
2836		15	5	58	<20	<2	14	11.0
2837		<10	<1	9	<20	4	<5	7.5
2838		13	13	54	<20	19	12	3.4

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Geochemical Lab Report

REPORT: 094-42238.0 (COMPLETE)

DATE PRINTED: 19-AUG-94
PROJECT: K431

TANDARD NAME	ELEMENT UNITS	Au30 PPB	AuRew1 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM
CC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		-	-	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180

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Geochemical Lab Report

REPORT: 094-42238.0 (COMPLETE)

DATE PRINTED: 19-AUG-94

PROJECT: K431

TANDARD NAME	ELEMENT UNITS	Co PPM	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM
CC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
umber of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		40	600	820	500	320	78	6	600	5.0	2.0	16	50

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Geochemical
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DATE PRINTED: 19-AUG-94

REPORT: 094-42238.0 (COMPLETE) PROJECT: K431 PAGE 2C

TANDARD ELEMENT	Te	Ba	La	W	Pb	Bi	As
NAME UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM
CC GEOCHEM STD 3	-	-	-	-	-	-	310.0
umber of Analyses	-	-	-	-	-	-	1
Mean Value	-	-	-	-	-	-	310.00
tandard Deviation	-	-	-	-	-	-	-
ccepted Value	<1	220	6	-	250	4	310.0

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Geochemical Lab Report

REPORT: 094-42238.0 (COMPLETE)

DATE PRINTED: 19-AUG-94
PROJECT: K431

AMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuRew1 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM
831		711	775	0.15	>10.00	4634	0.87	0.06	<0.01	<0.01	<5	3	120
Duplicate			434										

Bondar Clegg
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Geochemical
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REPORT: 094-42238.0 (COMPLETE)

DATE PRINTED: 19-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Co PPM	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM
831		16	12	58	40	<5	2	1	6	4.0	<0.2	<20	<5
Duplicate													

Bondar Clegg
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Geochemical
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Report

REPORT: 094-42238.0 (COMPLETE)

DATE PRINTED: 19-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Te PPM	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
831		12	<1	32	<20	<2	11	2.7
Duplicate								

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Geochemical Lab Report

REPORT: 094-42257.0 (COMPLETE)

REFERENCE:

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

PROJECT: K431

DATE PRINTED: 26-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	53	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	53	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	53	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	53	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	53	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	53	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	53	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	53	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	53	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	53	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	53	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	53	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	53	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	53	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	53	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	53	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	53	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	53	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	53	1.0 PPM		NEUTRON ACTIVATION

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
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Bondar Clegg
Inchcape Testing Services

Geochemical
Lab
Report

REPORT: 094-42257.0 (COMPLETE)

REFERENCE:

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

PROJECT: K431

DATE PRINTED: 26-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	53	-150	53	CRUSH/SPLIT & PULV.	53

REPORT COPIES TO: MR. JOHN BURGESS
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Geochemical Lab Report

REPORT: 094-42257.0 (COMPLETE)

DATE PRINTED: 26-AUG-94
PROJECT: K431 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
1938		<5	0.07	9.59	1263	0.63	0.25	<0.01	0.01	<5	<1	130	10
1939		<5	0.13	8.73	513	0.17	0.12	<0.01	0.04	<5	9	130	8
1940		<5	1.43	>10.00	2956	0.80	0.06	<0.01	0.70	<5	12	168	16
1941		<5	0.18	5.56	180	0.10	0.01	<0.01	0.03	<5	5	174	5
1942		<5	0.06	5.84	99	0.03	<0.01	<0.01	0.03	<5	5	147	5
1943		<5	0.05	2.36	51	0.04	<0.01	<0.01	0.04	<5	4	67	2
1944		<5	0.23	9.67	1717	0.66	0.34	<0.01	<0.01	<5	15	177	9
1945		<5	3.11	9.65	373	3.32	0.05	<0.01	0.05	6	104	182	8
1946		<5	0.02	5.35	78	<0.01	<0.01	<0.01	0.01	<5	<1	145	5
1947		<5	0.05	>10.00	6842	2.45	0.35	<0.01	0.03	<5	6	<1	23
1948		12	0.16	>10.00	120	0.01	0.02	<0.01	0.14	<5	6	94	10
1949		16	0.02	>10.00	3480	1.45	0.13	<0.01	<0.01	<5	2	50	23
1950		<5	0.11	>10.00	2616	1.22	0.06	<0.01	0.04	<5	2	89	12
1951		<5	0.15	>10.00	1306	0.08	0.02	<0.01	<0.01	<5	5	69	15
1952		<5	0.12	9.80	2842	2.99	7.51	<0.01	<0.01	<5	1	14	9
1953		<5	0.10	>10.00	1525	1.47	2.99	<0.01	0.01	<5	<1	15	13
1954		6	<0.01	5.06	344	0.30	0.55	<0.01	<0.01	<5	<1	138	52
1955		<5	0.45	>10.00	220	0.39	0.03	<0.01	0.37	<5	29	69	24
1956		22	1.10	>10.00	102	1.03	0.01	0.01	0.34	<5	15	45	45
1957		46	0.95	>10.00	84	0.83	0.02	0.01	0.53	<5	10	38	50
1958		5	0.28	>10.00	1165	0.32	0.06	<0.01	0.18	<5	55	27	22
1959		<5	0.03	5.99	275	0.12	<0.01	<0.01	0.12	<5	6	77	7
1960		24	0.75	>10.00	44	0.57	0.01	<0.01	0.40	<5	5	24	55
1961		14	0.66	>10.00	143	0.65	0.06	0.02	0.47	<5	22	113	30
1962		<5	0.25	>10.00	867	0.58	0.05	<0.01	0.19	<5	12	59	14
1963		<5	0.06	8.42	707	0.70	0.04	<0.01	0.07	<5	<1	50	8
1964		<5	0.03	9.74	365	0.26	0.04	<0.01	0.06	<5	4	89	10
1965		<5	1.00	6.97	2901	0.96	0.04	0.01	0.22	<5	4	108	13
1966		<5	0.53	6.06	1300	0.28	0.02	0.01	0.19	<5	1	132	9
1967		<5	0.07	1.86	367	<0.01	<0.01	<0.01	0.05	<5	<1	192	2
1968		<5	0.87	>10.00	518	0.63	<0.01	<0.01	0.17	<5	2	93	9
1969		7	0.22	1.99	2615	0.08	0.19	<0.01	0.02	<5	3	187	4
1970		<5	0.17	>10.00	624	0.23	0.20	<0.01	0.01	<5	4	92	9
1971		5	0.10	>10.00	866	0.12	0.02	<0.01	0.03	<5	<1	111	14
1972		<5	0.10	5.80	171	0.10	0.03	<0.01	0.03	<5	4	135	6
1973		<5	0.14	>10.00	722	0.08	<0.01	<0.01	0.02	<5	4	82	15
1974		7	0.04	>10.00	174	0.05	0.03	<0.01	0.06	<5	8	90	9
1975		<5	0.05	>10.00	361	0.03	0.23	<0.01	0.02	<5	<1	77	11
1976		8	0.08	>10.00	117	0.10	0.09	<0.01	<0.01	<5	<1	25	23
1977		<5	2.51	>10.00	361	1.57	<0.01	<0.01	0.13	<5	51	90	12

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SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
1938		6	25	26	<5	7	2	6	0.5	<0.2	<20	<5	10
1939		6	65	193	<5	6	1	5	0.6	<0.2	<20	<5	<10
1940		9	32	86	<5	8	2	7	0.5	<0.2	<20	<5	16
1941		5	48	19	<5	1	<1	5	0.5	<0.2	<20	<5	<10
1942		3	29	17	<5	1	<1	6	0.4	0.2	<20	<5	<10
1943		1	8	10	<5	<1	<1	4	0.2	<0.2	<20	<5	<10
1944		5	7	18	<5	8	1	5	0.3	<0.2	<20	<5	<10
1945		2	63	134	8	6	<1	7	0.8	<0.2	<20	<5	<10
1946		2	23	14	<5	<1	<1	3	0.3	<0.2	<20	<5	<10
1947		7	6	103	14	6	7	5	<0.2	<0.2	22	<5	40
1948		7	60	125	38	4	<1	15	1.0	<0.2	<20	<5	12
1949		68	215	60	<5	3	2	7	1.0	0.2	<20	<5	26
1950		25	115	27	<5	2	1	7	0.7	<0.2	<20	<5	12
1951		11	92	52	<5	2	2	7	0.7	<0.2	<20	<5	21
1952		<1	3	17	<5	67	5	4	0.3	<0.2	<20	<5	13
1953		3	6	19	<5	17	3	15	0.5	<0.2	<20	<5	14
1954		7	13	10	<5	16	<1	3	0.5	<0.2	<20	<5	<10
1955		13	295	42	<5	2	<1	8	0.9	0.2	<20	<5	20
1956		64	211	53	<5	1	3	19	1.4	<0.2	<20	<5	27
1957		74	277	71	<5	1	3	16	1.7	0.2	21	<5	28
1958		8	56	32	<5	5	5	8	0.6	0.5	<20	<5	31
1959		6	34	7	<5	1	<1	4	0.6	<0.2	<20	<5	<10
1960		81	304	125	<5	1	3	14	1.2	0.5	<20	<5	30
1961		44	141	50	<5	3	4	18	1.1	<0.2	<20	<5	11
1962		5	56	32	<5	3	1	6	0.6	<0.2	<20	<5	15
1963		4	18	23	<5	1	1	4	0.4	<0.2	<20	<5	<10
1964		5	27	20	<5	2	1	5	0.6	<0.2	<20	<5	<10
1965		13	33	52	<5	3	2	5	0.3	<0.2	<20	<5	<10
1966		7	24	34	<5	3	1	5	0.4	<0.2	<20	<5	<10
1967		4	11	4	<5	<1	<1	1	<0.2	<0.2	<20	<5	<10
1968		3	56	41	<5	2	2	6	0.6	<0.2	<20	<5	<10
1969		4	5	6	<5	14	<1	1	<0.2	<0.2	<20	<5	<10
1970		4	34	27	<5	5	<1	6	0.7	<0.2	<20	<5	13
1971		15	100	40	<5	2	1	8	1.3	0.4	<20	<5	22
1972		3	39	14	<5	5	<1	4	0.7	<0.2	<20	<5	<10
1973		5	117	46	<5	2	1	7	1.1	<0.2	<20	<5	19
1974		3	72	19	<5	6	<1	7	1.0	<0.2	<20	<5	14
1975		5	85	26	<5	6	<1	7	1.0	0.2	<20	<5	17
1976		78	245	39	<5	2	<1	8	2.2	<0.2	23	<5	45
1977		6	55	115	<5	1	1	9	0.7	<0.2	<20	<5	<10

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1938		2	19	<20	<2	8	1.7
1939		3	18	<20	<2	<5	<1.0
1940		50	47	<20	<2	8	1.2
1941		4	13	<20	<2	<5	1.2
1942		2	17	<20	<2	<5	2.1
1943		2	8	<20	<2	<5	5.3
1944		<1	20	<20	<2	7	6.6
1945		4	24	<20	<2	6	<1.0
1946		2	11	<20	<2	<5	1.1
1947		4	100	<20	<2	18	1.3
1948		9	24	<20	84	9	55.0
1949		<1	56	<20	<2	14	1.7
1950		2	27	<20	<2	6	1.0
1951		<1	39	<20	<2	10	1.3
1952		1	32	<20	<2	6	5.6
1953		3	30	<20	<2	7	2.2
1954		<1	9	<20	<2	<5	1.4
1955		20	41	<20	2	9	2.1
1956		6	63	<20	4	15	2.5
1957		6	68	<20	<2	15	2.3
1958		10	76	<20	<2	14	3.7
1959		4	12	<20	11	6	1.1
1960		5	77	<20	5	13	3.6
1961		12	47	<20	5	9	2.2
1962		10	31	<20	<2	6	<1.0
1963		3	16	<20	<2	<5	5.0
1964		3	20	<20	<2	5	<1.0
1965		29	25	<20	<2	5	<1.0
1966		25	19	<20	<2	<5	<1.0
1967		7	5	<20	<2	<5	<1.0
1968		22	34	<20	<2	6	<1.0
1969		8	4	<20	17	<5	3.9
1970		1	24	<20	<2	7	1.4
1971		3	41	<20	<2	11	<1.0
1972		1	12	<20	<2	6	1.8
1973		1	43	<20	<2	11	<1.0
1974		2	26	<20	<2	6	<1.0
1975		1	32	<20	<2	9	1.9
1976		1	100	<20	<2	19	<1.0
1977		16	37	<20	<2	5	<1.0

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1978		12	0.11	>10.00	<1	0.02	0.07	<0.01	0.09	<5	<1	16	19
1979		<5	1.69	7.11	821	2.31	0.18	0.01	0.10	<5	36	199	7
1980		8	1.32	>10.00	233	0.87	0.02	<0.01	0.65	<5	29	70	17
1981		<5	3.07	>10.00	306	3.00	0.06	<0.01	0.08	6	93	136	31
1982		5	1.50	>10.00	707	1.71	0.02	<0.01	0.11	<5	48	74	18
1983		<5	<0.01	6.99	44	<0.01	0.02	<0.01	<0.01	<5	<1	165	65
1984		<5	0.84	>10.00	399	0.79	0.16	0.01	0.18	<5	15	88	22
1985		<5	1.95	5.00	362	2.28	0.09	0.02	0.07	9	92	256	13
1986		28	0.14	>10.00	87	0.18	0.07	<0.01	0.11	<5	<1	56	89
1987		5	0.51	>10.00	202	0.34	0.05	0.01	0.17	<5	13	89	17
1988		<5	0.20	6.58	999	0.17	0.07	<0.01	0.09	<5	2	140	8
1989		86	0.16	>10.00	315	0.31	0.04	<0.01	0.11	<5	<1	101	67
1990		<5	0.41	8.08	195	0.47	0.06	<0.01	0.01	<5	14	140	11

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SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
1978		161	542	1093	<5	2	1	15	2.7	5.0	24	<5	36
1979		28	88	117	7	11	4	11	0.8	<0.2	<20	<5	<10
1980		24	42	83	<5	8	2	8	0.9	<0.2	<20	<5	10
1981		22	91	94	6	1	<1	7	0.5	<0.2	<20	<5	<10
1982		44	118	216	<5	2	3	12	0.8	<0.2	<20	<5	13
1983		56	97	8	<5	<1	<1	5	0.7	<0.2	<20	<5	<10
1984		54	108	226	<5	4	3	13	0.7	0.7	<20	<5	10
1985		16	44	56	12	2	1	3	0.2	<0.2	<20	<5	<10
1986		115	433	1827	66	3	2	21	3.0	6.2	24	<5	35
1987		16	125	631	<5	6	3	17	1.1	1.8	<20	<5	15
1988		14	52	39	<5	3	2	6	0.7	<0.2	<20	<5	<10
1989		43	40	122	117	3	3	19	1.2	<0.2	<20	<5	13
1990		19	57	28	<5	4	2	13	0.6	<0.2	<20	<5	<10

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1978		6	91	<20	31	18	2.2
1979		13	24	<20	5	<5	<1.0
1980		28	39	<20	5	7	<1.0
1981		11	29	<20	<2	8	1.1
1982		12	41	<20	<2	10	7.8
1983		<1	12	<20	<2	<5	<1.0
1984		17	37	<20	2	6	12.0
1985		5	11	<20	<2	<5	1.5
1986		7	85	<20	60	13	98.0
1987		17	40	<20	13	8	12.0
1988		9	21	<20	<2	<5	1.5
1989		9	33	<20	21	9	148.0
1990		1	21	<20	<2	<5	1.1

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STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
BCC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180	40
BCC GEOCHEM STD 6		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	1.80	6.50	1450	2.70	4.00	-	-	-	50	170	35

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STANDARD NAME	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
BCC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		600	820	500	310	78	6	600	5.0	2.0	16	50	<1
BCC GEOCHEM STD 6		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		135	140	140	-	-	-	4	0.2	0.1	-	-	-

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STANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
BCC GEOCHEM STD 3		-	-	-	-	-	314.0
Number of Analyses		-	-	-	-	-	1
Mean Value		-	-	-	-	-	314.00
Standard Deviation		-	-	-	-	-	-
Accepted Value		220	6	-	250	4	310.0
BCC GEOCHEM STD 6		-	-	-	-	-	147.0
Number of Analyses		-	-	-	-	-	1
Mean Value		-	-	-	-	-	147.00
Standard Deviation		-	-	-	-	-	-
Accepted Value		-	-	-	13	-	145.0

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
1946		<5	0.02	5.35	78	<0.01	<0.01	<0.01	0.01	<5	<1	145	5
Duplicate													
50		<5	0.11	>10.00	2616	1.22	0.06	<0.01	0.04	<5	2	89	12
Prep Duplicate		<5	0.12	>10.00	2616	1.25	0.06	<0.01	0.04	<5	2	114	12
78		12	0.11	>10.00	<1	0.02	0.07	<0.01	0.09	<5	<1	16	19
Prep Duplicate		10	0.09	>10.00	<1	0.02	0.07	<0.01	0.08	<5	<1	13	19

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SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
1946		2	23	14	<5	<1	<1	3	0.3	<0.2	<20	<5	<10
Duplicate													
1950		25	115	27	<5	2	1	7	0.7	<0.2	<20	<5	12
Prep Duplicate		21	110	27	<5	1	1	7	0.7	<0.2	<20	<5	13
1978		161	542	1093	<5	2	1	15	2.7	5.0	24	<5	36
Prep Duplicate		163	547	1076	<5	2	1	17	2.8	5.8	24	<5	42

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SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM
1946		2	11	<20	<2	<5	1.1
Duplicate							<1.0
1950		2	27	<20	<2	6	1.0
Prep Duplicate		2	30	<20	<2	8	<1.0
978		6	91	<20	31	18	2.2
Prep Duplicate		6	107	<20	32	24	1.3

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Geochemical Lab Report

REPORT: 094-42236.0 (COMPLETE)

REFERENCE: K431-94-9

CLIENT: KENNECOTT CANADA INC.

SUBMITTED BY: JOHN BURGESS

PROJECT: K431

DATE PRINTED: 22-AUG-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	20	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Al	Aluminum	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Fe	Iron	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Mn	Manganese	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Mg	Magnesium	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Ca	Calcium	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Na	Sodium	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	K	Potassium	20	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Sc	Scandium	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	V	Vanadium	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	Cr	Chromium	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Co	Cobalt	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Ni	Nickel	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Cu	Copper	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Zn	Zinc	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	As	Arsenic	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Sr	Strontium	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	Y	Yttrium	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Mo	Molybdenum	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	Ag	Silver	20	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	Cd	Cadmium	20	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Sn	Tin	20	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Sb	Antimony	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Te	Tellurium	20	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Ba	Barium	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	La	Lanthanum	20	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	W	Tungsten	20	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Pb	Lead	20	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
29	Bi	Bismuth	20	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
30	As	Arsenic	20	1.0 PPM		NEUTRON ACTIVATION
31	Sb	Antimony	20	0.2 PPM		NEUTRON ACTIVATION
32	Hg	Mercury	20	5 PPB	HCL:HNO3 (3:1)	COLD VAPOR AA

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Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42236.0 (COMPLETE)

REFERENCE: K431-94-9

CLIENT: KENNECOTT CANADA INC.
PROJECT: K431

SUBMITTED BY: JOHN BURGESS
DATE PRINTED: 22-AUG-94

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
ROCK	20	-150	20	CRUSH/SPLIT & PULV.	20

REPORT COPIES TO: MR. JOHN BURGESS
FAX: JOHN BURGESS

INVOICE TO: MR. JOHN BURGESS

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Geochemical Lab Report

DATE PRINTED: 22-AUG-94

REPORT: 094-42236.0 (COMPLETE) PROJECT: K431 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
2219		9	1.64	>10.00	749	0.64	0.03	<0.01	0.10	<5	40	36	18
2222		<5	4.09	9.82	843	3.28	0.06	<0.01	<0.01	22	261	162	14
2223		<5	3.75	7.52	844	3.20	0.33	0.02	<0.01	9	227	178	38
2224		<5	5.08	7.62	1322	3.04	4.30	<0.01	0.01	21	198	125	40
2225		<5	1.22	>10.00	69	0.84	0.03	0.02	0.14	<5	15	73	35
2226		11	4.45	>10.00	844	3.45	0.66	0.01	0.04	13	158	131	39
2227		29	1.36	>10.00	46	0.84	0.02	0.02	0.11	<5	15	41	18
2228		20	0.15	>10.00	<1	<0.01	<0.01	<0.01	0.11	<5	130	19	22
2229		17	1.25	8.75	90	0.88	0.02	0.03	0.10	<5	12	69	10
2230		9	0.49	>10.00	3	0.10	<0.01	0.02	0.07	<5	8	22	15
2231		10	0.57	>10.00	<1	0.15	<0.01	0.03	0.15	<5	12	46	9
2232		5	0.24	2.24	638	0.08	0.09	<0.01	<0.01	<5	44	133	5
2233		34	0.93	>10.00	73	0.42	<0.01	0.01	0.13	<5	21	27	20
2234		44	0.88	>10.00	18	0.17	<0.01	0.02	0.19	<5	16	33	22
2235		38	0.72	>10.00	11	0.36	0.03	<0.01	0.10	<5	19	39	54
2236		33	5.74	>10.00	408	3.72	0.02	<0.01	<0.01	29	256	144	21
2238		57	0.41	>10.00	279	0.09	<0.01	<0.01	0.16	<5	18	39	24
2239		104	0.32	>10.00	216	0.03	<0.01	0.01	0.15	<5	12	36	17
2240		805	0.18	5.44	70	<0.01	<0.01	0.02	0.09	<5	2	91	6
2048		6	<0.01	>10.00	32	<0.01	<0.01	<0.01	<0.01	<5	<1	70	17

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Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-42236.0 (COMPLETE)

DATE PRINTED: 22-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2219		13	41	97	32	4	2	10	1.0	<0.2	20	<5	13
2222		15	101	174	59	<1	2	6	1.0	<0.2	<20	<5	<10
2223		55	159	157	48	2	5	4	0.8	<0.2	<20	<5	<10
2224		103	127	148	97	43	5	5	0.6	<0.2	<20	<5	<10
2225		16	78	232	56	4	3	14	0.9	<0.2	<20	<5	12
2226		64	73	645	120	6	1	7	0.9	0.3	<20	<5	<10
2227		23	118	322	64	3	3	12	1.6	0.2	<20	<5	15
2228		2	198	190	42	2	<1	50	1.8	<0.2	29	6	39
2229		19	132	220	20	6	3	12	1.7	<0.2	<20	<5	<10
2230		8	90	167	9	4	2	14	1.4	<0.2	<20	<5	18
2231		4	61	98	20	5	2	16	1.0	<0.2	<20	<5	<10
2232		10	16	166	64	2	2	6	<0.2	1.5	<20	<5	<10
2233		33	108	338	85	6	3	16	1.6	<0.2	<20	10	18
2234		38	58	396	84	6	5	17	1.7	0.6	<20	8	18
2235		39	99	443	112	3	5	22	1.6	<0.2	24	7	23
2236		27	68	327	161	4	<1	8	1.2	<0.2	20	<5	<10
2238		28	246	402	12	9	5	12	2.0	0.5	<20	<5	18
2239		24	149	192	76	2	4	34	2.3	<0.2	<20	13	16
2240		6	29	25	<5	1	1	9	0.4	<0.2	<20	<5	<10
2048		15	322	>20000	2395	1	<1	15	>50.0	118.8	31	279	18

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Geochemical Lab Report

DATE PRINTED: 22-AUG-94

REPORT: 094-42236.0 (COMPLETE) PROJECT: K431 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
2219		10	53	<20	5	20	23.0	1.5	26
2222		3	31	<20	12	5	<1.0	1.4	18
2223		<1	23	<20	19	<5	<1.0	1.5	7
2224		2	31	<20	6	6	37.0	0.7	<5
2225		13	41	<20	7	10	40.0	1.1	143
2226		4	37	<20	38	12	73.0	<0.2	218
2227		10	51	<20	10	10	54.0	2.6	145
2228		18	122	<20	10	24	2.8	3.3	527
2229		10	40	<20	34	11	10.0	4.5	149
2230		6	63	<20	8	19	6.8	2.0	81
2231		13	38	<20	12	9	22.0	2.1	124
2232		3	9	<20	5	<5	64.0	0.4	58
2233		11	69	<20	32	13	77.0	9.1	217
2234		15	68	<20	33	17	84.0	8.5	244
2235		9	94	<20	40	20	107.0	9.3	356
2236		<1	37	<20	95	10	84.0	3.3	934
2238		24	80	<20	11	15	4.4	3.3	146
2239		16	61	<20	31	13	79.0	15.0	770
2240		14	24	<20	4	<5	<1.0	1.3	<5
2048		<1	48	301	>10000	23	2560.0	361.0	>50000

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Geochemical Lab Report

DATE PRINTED: 22-AUG-94

REPORT: 094-42236.0 (COMPLETE) PROJECT: K431 PAGE 2A

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
CC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
lean Value		-	-	-	-	-	-	-	-	-	-	-	-
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	5.10	5.00	800	4.90	5.13	0.40	0.20	12	34	180	40
CC GEOCHEM STD 4		-	0.77	2.54	602	1.55	1.37	0.08	0.15	11	7	70	11
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.773	2.543	601.7	1.548	1.367	0.080	0.149	11.0	6.6	70.3	11.4
tandard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		-	0.77	2.40	600	1.34	1.43	0.09	0.14	12	9	80	9
NALYTICAL BLANK		-	<0.01	<0.01	<1	<0.01	<0.01	<0.01	<0.01	<5	<1	<1	<1
lumber of Analyses		-	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.005	0.005	0.5	0.005	0.005	0.005	0.005	2.5	0.5	0.5	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
ccepted Value		5	<0.01	0.05	1	<0.01	<0.01	<0.01	<0.01	<1	1	1	1

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Geochemical Lab Report

REPORT: 094-42236.0 (COMPLETE)

DATE PRINTED: 22-AUG-94

PROJECT: K431

STANDARD NAME	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
BCC GEOCHEM STD 3		-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		600	820	500	320	78	6	600	5.0	2.0	16	50	<1
BCC GEOCHEM STD 4		41	280	239	37	39	3	4	0.4	0.7	<20	<5	<10
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		41.5	280.1	238.7	36.9	38.6	2.8	4.3	0.44	0.65	10.0	2.5	5.0
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		42	290	255	30	39	4	4	0.5	0.8	5	1	-
ANALYTICAL BLANK		<1	<1	4	<5	<1	<1	<1	<0.2	<0.2	<20	<5	<10
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		0.5	0.5	4.0	2.5	0.5	0.5	0.5	0.10	0.10	10.0	2.5	5.0
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		1	1	1	5	<1	<1	1	0.2	1.0	<1	5	<1

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Geochemical Lab Report

DATE PRINTED: 22-AUG-94

REPORT: 094-42236.0 (COMPLETE) PROJECT: K431 PAGE 2C

STANDARD NAME	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
CC GEOCHEM STD 3		-	-	-	-	-	327.0	65.5	-
Number of Analyses		-	-	-	-	-	1	1	-
Mean Value		-	-	-	-	-	327.00	65.50	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		220	6	-	250	4	310.0	70.0	3550
CC GEOCHEM STD 4		59	6	<20	34	<5	-	-	-
Number of Analyses		1	1	1	1	1	-	-	-
Mean Value		59.0	6.0	10.0	34.0	2.5	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		55	4	1	33	1	28.7	0.5	30
NALYTICAL BLANK		<1	<1	<20	2	<5	-	-	-
Number of Analyses		1	1	1	1	1	-	-	-
Mean Value		0.5	0.5	10.0	2.3	2.5	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-
Accepted Value		<1	<1	<1	2	2	<0.1	<0.1	5

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Geochemical Lab Report

REPORT: 094-42236.0 (COMPLETE)

DATE PRINTED: 22-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Al PCT	Fe PCT	Mn PPM	Mg PCT	Ca PCT	Na PCT	K PCT	Sc PPM	V PPM	Cr PPM	Co PPM
2226		11	4.45	>10.00	844	3.45	0.66	0.01	0.04	13	158	131	39
Prep Duplicate			4.56	>10.00	810	3.53	0.60	0.01	0.03	13	162	137	38
2227		29	1.36	>10.00	46	0.84	0.02	0.02	0.11	<5	15	41	18
Duplicate			1.36	>10.00	45	0.84	0.02	0.02	0.11	<5	16	41	18

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Geochemical Lab Report

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DATE PRINTED: 22-AUG-94

PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ni PPM	Cu PPM	Zn PPM	As PPM	Sr PPM	Y PPM	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM
2226		64	73	645	120	6	1	7	0.9	0.3	<20	<5	<10
Prep Duplicate		63	67	713	144	5	1	6	1.1	0.5	<20	5	<10
2227		23	118	322	64	3	3	12	1.6	0.2	<20	<5	15
Duplicate		25	119	327	61	3	3	13	1.6	<0.2	<20	<5	13

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Geochemical Lab Report

REPORT: 094-42236.0 (COMPLETE)

DATE PRINTED: 22-AUG-94
PROJECT: K431

SAMPLE NUMBER	ELEMENT UNITS	Ba PPM	La PPM	W PPM	Pb PPM	Bi PPM	As PPM	Sb PPM	Hg PPB
2226		4	37	<20	38	12	73.0	<0.2	218
Prep Duplicate		3	35	<20	36	7	75.0	0.5	
2227		10	51	<20	10	10	54.0	2.6	145
Duplicate		9	52	<20	14	13			

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1994 – Soils: Kennecott

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Comments: ATTN: J. BURGESS CC: J. BURGESS

ORIGINAL

A9422311

CERTIFICATE A9422311

KENNECOTT CANADA, INC.

Project: 0431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 9-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	120	Pulp; prepped on other workorder
238	120	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	120	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	120	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
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Project : 0431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number : 1
Total Pages : 3
Certificate Date: 09-AUG-94
Invoice No. : I9422311
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422311

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
855	299	238	< 1	59								
856	299	238	< 1	47								
857	299	238	< 1	35								
858	299	238	< 1	34								
859	299	238	< 1	31								
860	299	238	< 1	10								
861	299	238	< 1	44								
862	299	238	< 1	180								
863	299	238	< 1	61								
2300	299	238	< 1	33								
2301	299	238	< 1	42								
2302	299	238	29	560								
2303	299	238	70	590								
2304	299	238	< 1	300								
2305	299	238	15	360								
2306	299	238	10	200								
2307	299	238	< 1	87								
2308	299	238	< 1	73								
2309	299	238	< 1	190								
2310	299	238	< 1	735								
2311	299	238	< 1	121								
2312	299	238	< 1	98								
2313	299	238	< 1	64								
2314	299	238	< 1	65								
2315	299	238	< 1	66								
2316	299	238	5	205								
2317	299	238	< 1	162								
2318	299	238	< 1	59								
2319	299	238	< 1	44								
2320	299	238	< 1	189								
2321	299	238	< 1	79								
2322	299	238	< 1	95								
2323	299	238	< 1	74								
2324	299	238	< 1	62								
2325	299	238	< 1	70								
2326	299	238	< 1	250								
2327	299	238	25	620								
2328	299	238	< 1	240								
2329	299	238	3	255								
2330	299	238	9	235								

CERTIFICATION: Luciana Ryazantsev

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : 0431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 09-AUG-94
Invoice No. : I9422311
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422311

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
2331	299	238	5	310								
2332	299	238	8	330								
2333	299	238	24	390								
2334	299	238	8	153								
2335	299	238	2	104								
2336	299	238	< 1	105								
2337	299	238	< 1	100								
2338	299	238	< 1	51								
2339	299	238	1	51								
2340	299	238	< 1	85								
2341	299	238	< 1	400								
2342	299	238	< 1	15								
2343	299	238	100	315								
2344	299	238	3	15								
2345	299	238	< 1	30								
2346	299	238	< 1	26								
2347	299	238	< 1	50								
2348	299	238	< 1	18								
2349	299	238	< 1	6								
2350	299	238	< 1	40								
2351	299	238	< 1	40								
2352	299	238	< 1	58								
2353	299	238	< 1	41								
2354	299	238	< 1	200								
2355	299	238	6	< 1								
2356	299	238	< 1	85								
2357	299	238	< 1	123								
2358	299	238	20	185								
2359	299	238	< 1	62								
2360	299	238	< 1	190								
2361	299	238	8	160								
2362	299	238	< 1	100								
2363	299	238	< 1	225								
2364	299	238	< 1	103								
2365	299	238	8	135								
2366	299	238	< 1	16								
2367	299	238	< 1	100								
2368	299	238	21	37								
2369	299	238	11	200								
2370	299	238	3	275								

CERTIFICATION: Adriana Alvarado

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : 0431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number :3
Total Pages :3
Certificate Date: 09-AUG-94
Invoice No. : I9422311
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422311

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
2371	299	238	< 1	40								
2372	299	238	5	116								
2373	299	238	4	86								
2374	299	238	75	540								
2375	299	238	18	205								
2376	299	238	< 1	50								
2377	299	238	< 1	32								
2378	299	238	< 1	45								
2379	299	238	< 1	200								
2380	299	238	26	340								
2381	299	238	3	130								
2382	299	238	< 1	45								
2383	299	238	< 1	41								
2384	299	238	2	27								
2385	299	238	< 1	155								
2386	299	238	< 1	127								
2387	299	238	< 1	45								
2388	299	238	< 1	35								
2389	299	238	12	135								
2390	299	238	< 1	50								
2391	299	238	< 1	1750								
2392	299	238	4	160								
2393	299	238	2	103								
2394	299	238	< 1	95								
2395	299	238	2	102								
2396	299	238	2	80								
2397	299	238	< 1	98								
2398	299	238	4	104								
2399	299	238	3	57								
2400	299	238	< 1	36								
2401	299	238	< 1	35								
2402	299	238	2	45								
2403	299	238	< 1	42								
2404	299	238	< 1	31								
2405	299	238	< 1	32								
2406	299	238	< 1	61								
2407	299	238	< 1	77								
2408	299	238	8	175								
2409	299	238	2450	275								
2410	299	238	31	81								

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

ORIGINAL

A9422312

Comments: ATTN: J. BURGESS CC: J. BURGESS

CERTIFICATE A9422312

KENNECOTT CANADA, INC.

Project: 0431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 9-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	134	Pulp; prepped on other workorder
238	134	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	133	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	133	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : 0431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number :1
Total Pages :4
Certificate Date: 09-AUG-94
Invoice No. :I9422312
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9422312

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
2411	299	238	8	55								
2412	299	238	7	90								
2413	299	238	6	70								
2414	299	238	6	53								
2415	299	238	2	57								
2416	299	238	< 1	47								
2417	299	238	2	48								
2418	299	238	< 1	50								
2419	299	238	< 1	47								
2420	299	238	< 1	42								
2421	299	238	< 1	45								
2422	299	238	< 1	38								
2423	299	238	< 1	53								
2424	299	238	4	62								
2425	299	238	4	95								
2426	299	238	87	138								
2427	299	238	33	180								
2428	299	238	5	43								
2429	299	238	< 1	27								
2430	299	238	2	33								
2431	299	238	2	67								
2432	299	238	3	42								
2433	299	238	< 1	42								
2434	299	238	< 1	46								
2435	299	238	2	44								
2436	299	238	3	55								
2437	299	238	10	71								
2438	299	238	8	98								
2439	299	238	< 1	95								
2440	299	238	6	61								
2441	299	238	3	83								
2442	299	238	8	157								
2443	299	238	12	89								
2444	299	238	5	46								
2445	299	238	4	48								
2446	299	238	5	45								
2447	299	238	7	130								
2448	299	238	5	158								
2449	299	238	2	34								
2450	299	238	129	173								

CERTIFICATION: Marcus Lavender

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : 0431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 09-AUG-94
Invoice No. :I9422312
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9422312

SAMPLE	PREP CODE		Pb ppm	Zn ppm
2451	299	238	230	31
2452	299	238	10	420
2453	299	238	9	83
2454	299	238	6	54
2455	299	238	6	58
2456	299	238	6	60
2457	299	238	5	56
2458	299	238	5	58
2459	299	238	4	53
2460	299	238	8	78
2461	299	238	130	240
2462	299	238	3	58
2463	299	238	8	104
2464	299	238	10	133
2465	299	238	6	90
2466	299	238	5	55
2467	299	238	6	73
2468	299	238	9	152
2469	299	238	10	134
2470	299	238	7	140
2471	299	238	12	275
2472	299	238	20	225
2473	299	238	< 1	36
2474	299	238	35	200
2475	299	238	7	580
2476	299	238	< 1	48
2477	299	238	5	132
2478	299	238	7	100
2479	299	238	6	60
2480	299	238	4	56
2481	299	238	4	55
2482	299	238	< 1	52
2483	299	238	3	50
2484	299	238	< 1	52
2485	299	238	4	75
2486	299	238	7	60
2487	299	238	6	100
2488	299	238	7	100
2489	299	238	7	80
2490	299	238	8	129

CERTIFICATION: Adriana Alexandru

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

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TORONTO, ON
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Project : 0431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 09-AUG-94
Invoice No. :I9422312
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9422312

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
2491	299	238	17	200								
2492	299	238	< 1	115								
2493	299	238	33	1050								
2494	299	238	8	210								
2495	299	238	4	53								
2496	299	238	4	75								
2497	299	238	< 1	58								
2498	299	238	< 1	57								
2499	299	238	< 1	64								
2500	299	238	< 1	54								
2501	299	238	8	109								
2502	299	238	< 1	58								
2503	299	238	< 1	64								
2504	299	238	< 1	67								
2505	299	238	< 1	57								
2506	299	238	< 1	75								
2507	299	238	< 1	72								
2508	299	238	25	75								
2509	299	238	12	46								
2510	299	238	< 1	86								
2511	299	238	miss.	miss.								
2512	299	238	< 1	43								
2513	299	238	4	97								
2514	299	238	6	49								
2515	299	238	2	28								
2516	299	238	4	45								
2517	299	238	< 1	26								
2518	299	238	< 1	41								
2519	299	238	4	82								
2520	299	238	< 1	41								
2521	299	238	3	30								
2522	299	238	5	40								
2523	299	238	5	39								
2524	299	238	< 1	29								
2525	299	238	5	40								
2526	299	238	< 1	20								
2527	299	238	< 1	15								
2528	299	238	< 1	20								
2529	299	238	< 1	10								
2530	299	238	3	45								

CERTIFICATION: Adriana Alexandru

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

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P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422312

SAMPLE	PREP CODE		Pb ppm	Zn ppm
2531	299	238	4	40
2532	299	238	5	50
2533	299	238	8	42
2534	299	238	4	58
2535	299	238	5	110
2536	299	238	6	120
2537	299	238	4	110
2550	299	238	5	62
2551	299	238	8	100
2552	299	238	7	160
2553	299	238	6	165
2554	299	238	25	160
2555	299	238	< 1	142
2556	299	238	3	60

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

RECEIVED

A9422517

Comments: ATTN: J. BURGESS CC: J. BURGESS

CERTIFICATE A9422517

KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 10-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	120	Pulp; prepped on other workorder
238	120	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	120	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	120	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 10-AUG-94
Invoice No. :I9422517
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9422517

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
864	299	238	< 1	113								
865	299	238	< 1	139								
866	299	238	< 1	39								
867	299	238	< 1	38								
868	299	238	< 1	76								
869	299	238	< 1	68								
870	299	238	< 1	96								
871	299	238	< 1	54								
872	299	238	< 1	126								
873	299	238	< 1	115								
874	299	238	< 1	83								
875	299	238	< 1	49								
876	299	238	< 1	113								
877	299	238	< 1	43								
878	299	238	< 1	55								
879	299	238	< 1	42								
880	299	238	< 1	38								
881	299	238	< 1	65								
882	299	238	5	57								
883	299	238	< 1	63								
884	299	238	< 1	148								
885	299	238	< 1	35								
886	299	238	< 1	35								
887	299	238	< 1	40								
888	299	238	< 1	45								
889	299	238	< 1	36								
890	299	238	< 1	30								
891	299	238	< 1	45								
892	299	238	5	156								
893	299	238	< 1	28								
894	299	238	< 1	26								
895	299	238	< 1	60								
896	299	238	< 1	40								
897	299	238	< 1	38								
898	299	238	< 1	45								
899	299	238	4	70								
955	299	238	< 1	40								
956	299	238	< 1	58								
957	299	238	< 1	52								
958	299	238	< 1	53								

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

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CERTIFICATE OF ANALYSIS A9422517

SAMPLE	PREP CODE	Pb ppm	Zn ppm
959	299 238	< 1	36
960	299 238	< 1	34
961	299 238	< 1	33
962	299 238	< 1	42
963	299 238	< 1	135
964	299 238	< 1	56
965	299 238	< 1	88
966	299 238	2	83
967	299 238	< 1	205
968	299 238	< 1	26
969	299 238	2	55
970	299 238	< 1	65
971	299 238	10	34
972	299 238	4	36
973	299 238	< 1	48
974	299 238	2	70
975	299 238	< 1	33
976	299 238	< 1	25
977	299 238	< 1	30
978	299 238	< 1	29
979	299 238	< 1	63
980	299 238	< 1	150
981	299 238	< 1	56
982	299 238	< 1	108
983	299 238	< 1	62
984	299 238	< 1	113
985	299 238	2	52
986	299 238	< 1	30
987	299 238	< 1	40
988	299 238	< 1	34
989	299 238	< 1	125
990	299 238	< 1	180
991	299 238	< 1	70
992	299 238	< 1	90
993	299 238	< 1	94
994	299 238	< 1	130
995	299 238	< 1	112
996	299 238	< 1	75
997	299 238	< 1	88
998	299 238	< 1	76

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

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M5D 1J2

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number :3
Total Pages :3
Certificate Date: 10-AUG-94
Invoice No. :I9422517
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9422517

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
999	299	238	< 1	143								
1654	299	238	< 1	8								
1655	299	238	< 1	20								
1656	299	238	< 1	16								
1657	299	238	< 1	20								
1658	299	238	< 1	50								
1659	299	238	< 1	32								
1660	299	238	< 1	32								
1661	299	238	< 1	20								
1662	299	238	< 1	70								
1663	299	238	< 1	48								
1664	299	238	< 1	100								
1665	299	238	< 1	44								
1666	299	238	< 1	20								
1667	299	238	< 1	15								
1668	299	238	< 1	30								
1669	299	238	< 1	32								
1670	299	238	< 1	42								
1671	299	238	< 1	54								
1672	299	238	< 1	38								
1673	299	238	< 1	140								
1674	299	238	< 1	380								
1675	299	238	< 1	42								
1676	299	238	< 1	66								
1677	299	238	< 1	64								
1678	299	238	< 1	36								
1679	299	238	< 1	40								
1680	299	238	< 1	56								
1681	299	238	< 1	60								
1682	299	238	< 1	90								
1683	299	238	< 1	44								
1684	299	238	< 1	38								
1685	299	238	< 1	57								
1686	299	238	< 1	62								
1687	299	238	< 1	30								
1688	299	238	< 1	47								
1689	299	238	< 1	48								
1690	299	238	< 1	50								
1691	299	238	< 1	88								
1692	299	238	< 1	80								

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
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RECEIVED

A9422519

Comments: ATTN: J. BURGESS CC: J. BURGESS

CERTIFICATE A9422519

KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 10-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
299	150	Pulp; prepped on other workorder
238	150	Nitric-aqua-regia digestion

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
4	150	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
5	150	Zn ppm: HNO3-aqua regia digest	AAS	1	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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Page Number :1
Total Pages :4
Certificate Date: 10-AUG-94
Invoice No. : I9422519
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422519

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
1693	299	238	< 1	110								
1694	299	238	4	84								
1695	299	238	3	70								
1696	299	238	2	88								
1697	299	238	4	34								
1698	299	238	5	33								
1699	299	238	8	38								
1751	299	238	4	30								
1752	299	238	2	40								
1753	299	238	3	48								
1754	299	238	15	32								
1755	299	238	16	76								
1756	299	238	< 1	30								
1757	299	238	20	64								
1758	299	238	< 1	43								
1759	299	238	< 1	46								
1760	299	238	2	25								
1761	299	238	< 1	36								
1762	299	238	< 1	40								
1770	299	238	< 1	50								
1771	299	238	< 1	54								
1772	299	238	< 1	42								
1773	299	238	< 1	59								
1774	299	238	< 1	38								
1775	299	238	< 1	55								
1776	299	238	< 1	35								
1777	299	238	< 1	40								
1778	299	238	< 1	50								
1779	299	238	< 1	60								
1780	299	238	< 1	60								
1781	299	238	16	67								
1782	299	238	7	134								
1783	299	238	< 1	30								
1784	299	238	< 1	25								
1785	299	238	< 1	28								
1786	299	238	< 1	52								
1787	299	238	< 1	52								
1788	299	238	< 1	80								
1789	299	238	< 1	20								
1790	299	238	< 1	30								

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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CERTIFICATE OF ANALYSIS A9422519

SAMPLE	PREP CODE	Pb ppm	Zn ppm
1791	299 238	2	48
1792	299 238	3	42
1793	299 238	4	68
1794	299 238	6	95
1795	299 238	< 1	113
1796	299 238	5	82
1797	299 238	< 1	68
1798	299 238	4	128
1799	299 238	6	77
2538	299 238	11	47
2539	299 238	16	160
2540	299 238	24	190
2541	299 238	8	68
2542	299 238	4	58
2543	299 238	14	110
2544	299 238	125	215
2545	299 238	12	115
2546	299 238	32	90
2547	299 238	42	148
2548	299 238	14	126
2549	299 238	7	67
2557	299 238	5	93
2558	299 238	20	86
2559	299 238	7	144
2560	299 238	36	100
2561	299 238	< 1	135
2562	299 238	6	60
2563	299 238	2	55
2564	299 238	510	2060
2565	299 238	16	155
2566	299 238	8	90
2567	299 238	6	82
2568	299 238	4	92
2569	299 238	6	115
2570	299 238	5	72
2571	299 238	6	128
2572	299 238	4	103
2573	299 238	8	132
2574	299 238	6	230
2575	299 238	< 1	30

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 10-AUG-94
Invoice No. : I9422519
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422519

SAMPLE	PREP CODE		Pb ppm	Zn ppm								
2576	299	238	72	560								
2577	299	238	8	80								
2578	299	238	12	66								
2579	299	238	6	54								
2580	299	238	6	86								
2581	299	238	8	140								
2582	299	238	10	95								
2583	299	238	9	98								
2584	299	238	12	57								
2585	299	238	5	52								
2586	299	238	4	54								
2587	299	238	3	60								
2588	299	238	9	85								
2589	299	238	14	121								
2590	299	238	3	46								
2591	299	238	6	40								
2592	299	238	7	44								
2593	299	238	5	48								
2594	299	238	6	53								
2595	299	238	6	65								
2596	299	238	3	58								
2597	299	238	8	60								
2598	299	238	5	78								
2599	299	238	6	89								
2600	299	238	5	46								
2601	299	238	3	34								
2602	299	238	4	36								
2603	299	238	5	39								
2604	299	238	5	70								
2605	299	238	14	65								
2606	299	238	7	72								
2607	299	238	8	97								
2608	299	238	3	100								
2609	299	238	10	100								
2610	299	238	40	108								
2611	299	238	345	370								
2612	299	238	320	1000								
2613	299	238	18	114								
2614	299	238	< 1	94								
2615	299	238	17	68								

CERTIFICATION:

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CERTIFICATE OF ANALYSIS A9422519

SAMPLE	PREP CODE		Pb ppm	Zn ppm
2616	299	238	15	124
2617	299	238	3	58
2618	299	238	< 1	72
2619	299	238	1360	800
2620	299	238	12	144
2621	299	238	8	144
2622	299	238	2	86
2623	299	238	10	109
2624	299	238	51	82
2625	299	238	< 1	110
2626	299	238	18	145
2627	299	238	< 1	48
2628	299	238	< 1	88
2629	299	238	10	76
2630	299	238	6	78
2631	299	238	2	46
2632	299	238	< 1	40
2633	299	238	< 1	48
2634	299	238	< 1	40
2635	299	238	< 1	60
2636	299	238	< 1	75
2637	299	238	< 1	93
2638	299	238	3	198
2639	299	238	< 1	138
2640	299	238	6	64
2641	299	238	210	195
2642	299	238	< 1	52
2643	299	238	< 1	48
2644	299	238	< 1	55
2645	299	238	< 1	86

CERTIFICATION:

Chemex Labs Ltd.

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5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

RECEIVED

A9422227

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9422227

KENNECOTT CANADA, INC.

Project: 0431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 20-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	134	Dry, sieve to -80 mesh

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
17	134	Au ppb	AAS	5	10000
1941	134	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	134	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	134	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	134	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	134	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
1939	134	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	134	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	134	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	134	Zn ppm: Ultra trace package	EXT-ICP	1	5000
20	134	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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Project : 0431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Page Number : 1
Total Pages : 4
Certificate Date: 20-AUG-94
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Account : LZV

CERTIFICATE OF ANALYSIS A9422227

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
2411	201 --	< 5	0.08	2.2	< 0.2	0.1	18.0	0.2	8.5	< 0.2	74	50
2412	201 --	< 5	0.06	3.2	0.2	0.1	19.2	0.6	10.0	< 0.2	84	20
2413	201 --	< 5	0.04	3.6	0.2	< 0.1	25.2	0.4	9.5	< 0.2	71	40
2414	201 --	< 5	< 0.02	2.0	0.2	< 0.1	15.8	0.2	6.5	< 0.2	49	10
2415	201 --	< 5	< 0.02	1.4	0.2	< 0.1	15.6	0.4	6.5	< 0.2	53	10
2416	201 --	< 5	< 0.02	1.2	0.2	< 0.1	12.2	0.2	6.0	< 0.2	46	10
2417	201 --	< 5	< 0.02	2.0	< 0.2	< 0.1	14.4	0.4	6.0	< 0.2	47	10
2418	201 --	< 5	< 0.02	1.8	0.2	< 0.1	13.2	0.4	6.0	< 0.2	50	10
2419	201 --	< 5	0.02	2.0	< 0.2	< 0.1	15.6	0.2	7.0	< 0.2	50	30
2420	201 --	< 5	< 0.02	1.4	0.2	< 0.1	11.6	0.2	5.0	< 0.2	41	10
2421	201 --	< 5	0.02	2.0	0.2	< 0.1	13.4	0.4	6.0	< 0.2	49	20
2422	201 --	1700	0.44	10.6	1.0	0.2	16.8	0.4	4.0	< 0.2	41	390
2423	201 --	430	0.20	4.2	1.4	0.3	4.8	< 0.2	10.5	< 0.2	58	20
2424	201 --	< 5	0.10	1.8	0.2	< 0.1	18.8	0.4	7.5	< 0.2	67	30
2425	201 --	< 5	0.04	2.8	0.4	0.1	20.8	0.4	7.5	< 0.2	107	30
2426	201 --	< 5	0.86	2.6	1.0	1.9	313	1.2	81.0	< 0.2	117	70
2427	201 --	< 5	0.44	19.6	0.6	0.4	103.0	4.2	38.0	< 0.2	183	290
2428	201 --	< 5	0.06	2.8	0.2	< 0.1	21.2	0.4	7.5	< 0.2	55	40
2429	201 --	< 5	0.02	1.8	0.4	< 0.1	13.2	0.2	6.5	< 0.2	42	10
2430	201 --	< 5	< 0.02	2.4	0.2	< 0.1	15.4	0.4	7.0	< 0.2	51	10
2431	201 --	< 5	< 0.02	2.6	0.2	< 0.1	14.6	0.2	7.0	0.2	48	20
2432	201 --	< 5	< 0.02	2.0	< 0.2	< 0.1	14.6	0.4	6.5	< 0.2	47	10
2433	201 --	< 5	< 0.02	1.8	< 0.2	< 0.1	13.6	0.2	5.5	< 0.2	47	10
2434	201 --	< 5	0.06	2.0	0.4	< 0.1	17.4	0.4	8.0	< 0.2	51	10
2435	201 --	< 5	0.04	2.6	0.2	< 0.1	14.8	0.4	9.0	< 0.2	54	20
2436	201 --	< 5	0.06	2.8	0.2	< 0.1	19.8	0.4	9.0	< 0.2	62	30
2437	201 --	< 5	0.06	2.8	0.2	0.1	20.4	0.4	9.0	< 0.2	64	20
2438	201 --	< 5	0.06	3.0	0.2	0.1	23.6	0.6	9.0	< 0.2	93	40
2439	201 --	990	0.56	254	0.8	0.3	75.2	2.0	11.0	< 0.2	100	30
2440	201 --	< 5	0.72	3.6	< 0.2	0.2	16.2	1.4	4.0	0.2	24	30
2441	201 --	< 5	0.50	14.4	0.4	0.3	108.0	0.8	7.0	0.6	79	90
2442	201 --	< 5	1.16	4.2	0.4	1.1	117.0	3.0	12.5	< 0.2	138	100
2443	201 --	< 5	0.48	5.6	0.4	0.4	40.4	1.4	12.5	< 0.2	71	20
2444	201 --	< 5	0.04	2.4	0.2	< 0.1	3.4	0.4	6.0	< 0.2	37	20
2445	201 --	65	0.06	2.2	0.2	0.2	5.2	0.4	5.5	< 0.2	41	10
2446	201 --	< 5	0.02	1.4	0.2	0.1	2.4	0.4	5.5	< 0.2	40	10
2447	201 --	< 5	0.02	2.4	0.2	0.2	18.0	0.4	7.5	< 0.2	118	10
2448	201 --	< 5	0.04	2.0	0.2	0.2	13.0	0.6	8.0	< 0.2	134	20
2449	201 --	< 5	0.02	2.6	< 0.2	< 0.1	10.6	0.2	4.5	< 0.2	35	30
2450	201 --	< 5	6.42	50.8	0.8	0.9	148.5	18.2	127.0	11.4	161	230

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : 0431
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Page Number :2
Total Pages :4
Certificate Date: 20-AUG-94
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Account :LZV

CERTIFICATE OF ANALYSIS A9422227

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
2451	201 --	< 5	10.70	135.5	1.4	0.1	19.8	77.6	263	64.2	31	960
2452	201 --	< 5	0.30	2.6	0.2	1.6	18.6	0.6	5.0	< 0.2	26	70
2453	201 --	< 5	0.06	7.8	0.2	< 0.1	20.8	1.4	11.0	< 0.2	74	10
2454	201 --	< 5	0.02	1.8	< 0.2	< 0.1	11.2	0.4	6.0	< 0.2	52	10
2455	201 --	< 5	0.02	2.0	0.2	< 0.1	13.4	0.4	6.0	< 0.2	49	20
2456	201 --	< 5	0.02	1.8	0.2	< 0.1	13.8	0.4	6.5	< 0.2	54	10
2457	201 --	< 5	< 0.02	1.8	0.2	< 0.1	14.0	0.4	6.0	< 0.2	50	30
2458	201 --	< 5	0.06	2.6	0.2	< 0.1	19.8	0.4	7.5	< 0.2	53	20
2459	201 --	< 5	0.02	2.2	< 0.2	< 0.1	14.8	0.4	6.5	< 0.2	42	10
2460	201 --	< 5	0.04	3.6	0.2	< 0.1	24.8	0.4	8.5	< 0.2	62	30
2461	201 --	< 5	0.34	247	4.6	0.2	216	9.0	130.0	< 0.2	208	20
2462	201 --	5	0.40	23.2	1.4	0.4	76.2	3.4	15.5	< 0.2	366	10
2463	201 --	< 5	0.18	8.6	0.4	< 0.1	36.0	2.2	10.0	< 0.2	93	60
2464	201 --	10	0.18	4.2	0.4	0.1	31.2	1.0	12.0	< 0.2	113	60
2465	201 --	< 5	0.12	1.6	0.2	< 0.1	21.8	0.4	8.5	< 0.2	79	30
2466	201 --	< 5	0.02	2.4	0.2	< 0.1	17.6	0.4	6.5	< 0.2	51	20
2467	201 --	< 5	0.04	3.2	0.2	< 0.1	19.4	0.6	7.0	< 0.2	63	20
2468	201 --	< 5	0.20	13.2	0.2	0.2	44.0	2.6	12.5	< 0.2	129	70
2469	201 --	5	0.96	17.6	0.4	0.1	45.4	4.8	14.0	1.0	116	80
2470	201 --	5	0.08	3.6	0.2	0.1	33.6	0.6	9.5	< 0.2	115	60
2471	201 --	< 5	0.16	6.6	0.2	1.4	40.8	1.6	14.0	< 0.2	239	100
2472	201 --	< 5	0.32	16.4	0.4	0.4	72.0	2.8	26.5	< 0.2	221	140
2473	201 --	< 5	1.66	484	1.2	< 0.1	79.2	1.2	6.5	0.2	60	30
2474	201 --	< 5	3.90	189.0	0.8	< 0.1	63.8	57.0	55.5	28.2	223	750
2475	201 --	5	0.24	5.8	0.4	2.4	61.2	1.4	12.5	< 0.2	559	100
2476	201 --	5	0.16	1.8	1.2	< 0.1	131.0	0.2	2.5	< 0.2	54	30
2477	201 --	< 5	0.04	5.8	0.2	< 0.1	27.0	0.4	8.0	0.2	119	30
2478	201 --	< 5	0.08	9.6	0.4	< 0.1	26.6	1.6	10.5	< 0.2	83	40
2479	201 --	< 5	0.02	3.0	0.2	< 0.1	19.2	0.4	8.5	< 0.2	56	20
2480	201 --	< 5	< 0.02	2.0	0.4	< 0.1	15.0	0.2	7.0	< 0.2	52	30
2481	201 --	< 5	< 0.02	1.4	0.2	< 0.1	14.8	0.2	6.5	< 0.2	51	30
2482	201 --	< 5	< 0.02	1.8	0.2	< 0.1	13.2	0.2	6.5	< 0.2	43	20
2483	201 --	< 5	< 0.02	1.8	0.2	< 0.1	14.0	0.2	7.0	< 0.2	47	20
2484	201 --	< 5	< 0.02	1.8	0.2	< 0.1	15.8	0.4	6.5	< 0.2	51	30
2485	201 --	< 5	0.08	2.4	0.4	< 0.1	18.8	0.4	9.5	< 0.2	71	30
2486	201 --	< 5	0.04	2.6	0.4	< 0.1	19.8	0.4	8.0	< 0.2	56	30
2487	201 --	< 5	0.08	2.8	0.6	0.1	25.2	0.4	8.5	0.2	91	30
2488	201 --	< 5	0.06	3.8	0.2	0.1	23.2	0.4	9.5	< 0.2	89	40
2489	201 --	< 5	0.04	2.2	0.4	0.1	23.2	0.4	8.5	< 0.2	70	30
2490	201 --	< 5	0.08	6.6	0.4	0.2	32.4	1.2	12.0	< 0.2	116	50

CERTIFICATION: Stuart Buchler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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CERTIFICATE OF ANALYSIS A9422227

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
2491	201 --	< 5	1.00	83.0	0.8	0.1	47.4	13.6	20.0	2.2	160	70
2492	201 --	970	1.78	31.4	1.2	0.3	62.4	0.6	7.5	< 0.2	92	70
2493	201 --	10	0.22	33.6	0.6	2.2	78.0	4.6	36.0	< 0.2	974	170
2494	201 --	< 5	0.30	5.2	0.8	1.0	41.6	1.6	13.0	< 0.2	131	100
2495	201 --	< 5	0.02	3.0	0.4	< 0.1	12.0	0.2	6.5	< 0.2	47	10
2496	201 --	< 5	0.12	2.0	0.4	< 0.1	10.0	0.4	8.5	< 0.2	57	30
2497	201 --	< 5	0.02	1.6	0.4	< 0.1	11.0	0.2	7.0	< 0.2	45	20
2498	201 --	< 5	0.02	1.6	0.2	< 0.1	11.4	0.2	6.5	< 0.2	43	20
2499	201 --	< 5	0.04	1.4	0.4	< 0.1	10.8	0.2	7.0	< 0.2	46	20
2500	201 --	< 5	0.02	1.4	0.2	< 0.1	7.8	0.2	5.0	< 0.2	41	10
2501	201 --	< 5	0.06	12.4	0.4	0.1	16.4	2.0	20.0	0.4	95	20
2502	201 --	< 5	0.04	2.0	0.4	< 0.1	12.6	0.4	7.0	< 0.2	47	10
2503	201 --	< 5	0.04	2.6	0.4	< 0.1	9.8	0.4	7.5	< 0.2	52	10
2504	201 --	< 5	0.02	2.8	0.4	< 0.1	12.6	0.4	8.5	< 0.2	60	10
2505	201 --	< 5	0.02	3.2	0.2	< 0.1	14.6	0.4	8.0	< 0.2	52	10
2506	201 --	< 5	0.06	2.8	0.4	< 0.1	15.2	0.4	9.5	< 0.2	57	10
2507	201 --	< 5	0.08	3.0	0.4	< 0.1	19.4	0.4	12.5	< 0.2	62	20
2508	201 --	< 5	0.18	65.8	0.6	< 0.1	29.4	2.0	40.0	0.4	64	150
2509	201 --	< 5	0.40	4.4	0.4	< 0.1	34.8	0.8	15.5	< 0.2	35	60
2510	201 --	< 5	0.08	3.4	0.2	< 0.1	22.4	0.6	9.5	< 0.2	71	30
2511	201 --	< 5	0.06	4.0	0.4	< 0.1	16.8	0.8	8.5	< 0.2	53	20
2512	201 --	< 5	0.02	2.8	0.4	< 0.1	14.8	0.2	7.0	< 0.2	50	30
2513	201 --	< 5	0.02	3.2	0.4	0.1	25.4	0.4	8.5	< 0.2	96	20
2514	201 --	< 5	0.02	1.8	0.2	< 0.1	15.6	0.2	7.0	< 0.2	55	20
2515	201 --	< 5	< 0.02	1.8	0.4	< 0.1	11.6	0.2	6.0	< 0.2	39	10
2516	201 --	< 5	0.02	2.2	0.4	< 0.1	15.0	0.2	7.5	< 0.2	49	10
2517	201 --	< 5	0.02	2.2	0.4	< 0.1	12.2	0.2	7.0	< 0.2	42	10
2518	201 --	< 5	0.02	2.2	0.4	< 0.1	11.0	0.2	6.0	< 0.2	42	10
2519	201 --	< 5	0.04	2.4	0.2	< 0.1	21.2	0.4	7.0	< 0.2	70	30
2520	201 --	< 5	0.02	2.2	0.4	< 0.1	14.6	0.2	6.5	< 0.2	44	20
2521	201 --	< 5	0.06	1.6	0.2	< 0.1	11.4	0.2	5.5	< 0.2	39	10
2522	201 --	< 5	0.18	2.6	0.4	< 0.1	11.6	0.4	9.5	< 0.2	40	30
2523	201 --	< 5	0.02	2.8	0.2	< 0.1	16.8	0.4	7.0	< 0.2	44	10
2524	201 --	< 5	0.04	1.6	0.4	< 0.1	25.0	0.2	4.0	< 0.2	35	20
2525	201 --	< 5	< 0.02	2.8	0.4	< 0.1	13.2	0.4	6.0	< 0.2	46	10
2526	201 --	< 5	< 0.02	2.0	0.2	< 0.1	10.6	0.4	5.0	< 0.2	32	10
2527	201 --	< 5	0.02	2.4	0.4	< 0.1	8.2	0.2	5.5	< 0.2	29	10
2528	201 --	< 5	0.02	2.4	0.2	< 0.1	10.0	0.2	5.0	< 0.2	36	10
2529	201 --	< 5	< 0.02	2.8	0.2	< 0.1	8.6	0.4	5.5	0.8	28	10
2530	201 --	< 5	0.02	3.0	0.2	< 0.1	16.8	0.4	8.0	< 0.2	53	20

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga.
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : 0431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Certificate Date: 20-AUG-94
Invoice No. : I9422227
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422227

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
2531	201	--	< 5	< 0.02	2.6	< 0.2	< 0.1	15.2	0.2	5.5	< 0.2	54	20
2532	201	--	< 5	0.02	1.8	< 0.2	< 0.1	15.4	0.2	5.5	< 0.2	58	10
2533	201	--	< 5	0.02	2.4	< 0.2	< 0.1	12.2	0.4	7.0	< 0.2	46	50
2534	201	--	< 5	0.02	2.4	< 0.2	< 0.1	18.0	0.4	7.5	< 0.2	59	10
2535	201	--	< 5	0.02	3.0	< 0.2	< 0.1	27.6	0.4	7.0	< 0.2	104	20
2536	201	--	< 5	0.12	16.0	0.2	0.1	85.8	1.4	11.5	< 0.2	120	50
2537	201	--	< 5	0.06	13.8	< 0.2	< 0.1	69.8	1.4	12.5	0.2	119	50
2550	201	--	< 5	0.20	7.6	< 0.2	< 0.1	39.8	0.8	9.0	< 0.2	81	40
2551	201	--	< 5	0.08	7.2	< 0.2	0.1	34.8	1.4	11.0	< 0.2	112	30
2552	201	--	< 5	0.06	5.8	< 0.2	0.2	24.0	0.8	10.5	< 0.2	154	40
2553	201	--	< 5	0.12	5.4	< 0.2	0.2	30.0	0.8	11.0	< 0.2	154	50
2554	201	--	25	0.56	106.5	0.6	0.1	54.0	15.0	30.5	3.6	166	80
2555	201	--	5	0.44	102.0	0.4	0.6	339	0.8	11.5	< 0.2	134	30
2556	201	--	< 5	0.12	5.2	0.2	< 0.1	38.4	0.6	7.5	< 0.2	69	50

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

RECEIVED

A9422224

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9422224

KENNECOTT CANADA, INC.

Project: 0431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 22-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	120	Dry, sieve to -80 mesh

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
17	119	Au ppb	AAS	5	10000
1941	120	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	120	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	120	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	120	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	120	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
1939	120	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
4	120	Pb ppm: HNO3-aqua regia digest	AAS-BKGD CORR	1	10000
1089	120	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
5	120	Zn ppm: HNO3-aqua regia digest	AAS	1	10000
20	120	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : 0431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Page Number :1
Total Pages :3
Certificate Date: 22-AUG-94
Invoice No. :I9422224
P.O. Number :
Account :LZV

*PLEASE NOTE

CERTIFICATE OF ANALYSIS A9422224

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
855	201 --	< 5	0.08	6.4	0.4	0.2	34.2	2.0	3	< 0.2	54	30
856	201 --	< 5	0.04	3.0	< 0.2	< 0.1	15.0	0.4	3	0.4	47	20
857	201 --	< 5	< 0.02	2.0	0.2	< 0.1	12.0	0.2	3	< 0.2	36	20
858	201 --	< 5	< 0.02	1.6	< 0.2	< 0.1	8.6	0.2	1	< 0.2	36	10
859	201 --	< 5	< 0.02	1.4	< 0.2	< 0.1	10.2	0.2	3	< 0.2	37	20
860	201 --	< 5	0.04	2.6	0.2	< 0.1	17.6	0.4	4	< 0.2	55	10
861	201 --	< 5	< 0.02	1.6	< 0.2	< 0.1	12.2	0.2	3	< 0.2	41	10
862	201 --	< 5	0.10	5.2	0.2	0.2	47.2	1.0	6	< 0.2	162	60
863	201 --	< 5	0.06	2.8	0.2	< 0.1	20.8	0.4	4	< 0.2	55	20
2300	201 --	< 5	< 0.02	3.0	0.2	< 0.1	6.8	1.0	1	< 0.2	47	10
2301	201 --	< 5	0.12	3.0	< 0.2	< 0.1	20.8	0.8	1	< 0.2	47	20
2302	201 --	< 5	0.44	12.4	1.6	0.9	70.4	4.8	9	3.2	28	30
2303	201 --	115	0.88	19.6	2.4	0.6	161.0	6.2	2	3.8	16	110
2304	201 --	< 5	0.24	86.8	1.0	0.5	157.0	2.8	7	< 0.2	242	40
2305	201 --	< 5	0.46	4.8	2.2	0.4	62.2	5.0	3	1.2	15	40
2306	201 --	< 5	0.60	32.8	0.4	0.2	41.6	12.6	12	0.4	203	70
2307	201 --	< 5	0.02	9.6	0.2	< 0.1	23.6	1.8	5	< 0.2	80	10
2308	201 --	< 5	0.04	3.0	< 0.2	< 0.1	18.6	0.4	4	< 0.2	65	20
2309	201 --	5	0.04	2.2	0.2	0.1	21.8	0.4	3	< 0.2	168	30
2310	201 --	5	0.08	2.6	< 0.2	0.1	25.8	0.4	5	< 0.2	179	40
2311	201 --	< 5	0.06	2.4	< 0.2	< 0.1	16.4	0.4	4	< 0.2	101	20
2312	201 --	< 5	0.14	1.8	< 0.2	0.1	22.4	0.6	6	< 0.2	81	30
2313	201 --	< 5	0.04	1.6	0.2	< 0.1	15.2	0.2	3	< 0.2	52	10
2314	201 --	< 5	0.04	2.8	0.2	< 0.1	17.4	0.4	4	< 0.2	53	10
2315	201 --	< 5	0.02	2.2	< 0.2	< 0.1	17.6	0.4	3	< 0.2	57	10
2316	201 --	< 5	0.16	22.8	0.2	0.2	61.4	5.0	16	< 0.2	181	20
2317	201 --	< 5	0.38	9.2	0.2	0.9	81.0	1.6	6	< 0.2	124	10
2318	201 --	45	0.14	7.6	1.0	0.2	36.8	0.6	3	< 0.2	34	80
2319	201 --	< 5	0.08	317	0.6	< 0.1	90.4	3.4	9	1.2	34	30
2320	201 --	< 5	0.18	14.0	0.4	0.2	57.6	3.4	9	< 0.2	169	50
2321	201 --	< 5	0.20	36.8	0.2	< 0.1	38.0	2.2	13	0.2	96	60
2322	201 --	< 5	0.18	14.6	0.2	0.3	59.8	2.6	10	< 0.2	204	70
2323	201 --	< 5	0.06	1.2	< 0.2	0.1	20.6	0.6	6	< 0.2	59	40
2324	201 --	< 5	0.02	2.8	< 0.2	< 0.1	17.6	0.4	4	< 0.2	54	10
2325	201 --	< 5	0.02	1.6	< 0.2	< 0.1	15.6	0.2	3	< 0.2	62	30
2326	201 --	< 5	0.20	6.0	< 0.2	0.4	27.0	1.2	9	< 0.2	277	100
2327	201 --	not/ss	0.34	37.2	0.4	5.9	66.6	14.0	41	0.4	636	120
2328	201 --	< 5	0.36	6.8	0.2	0.3	34.2	1.2	10	< 0.2	236	110
2329	201 --	< 5	0.22	8.0	< 0.2	0.9	49.8	1.0	7	< 0.2	237	50
2330	201 --	< 5	0.36	15.4	0.4	0.4	57.8	1.6	13	< 0.2	196	60

CERTIFICATION: Ivan Pitchler

*SAMPLES:2343 AND 2368 ARE NOT SUITABLE FOR THIS METHOD DUE TO HIGH "S".

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : 0431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

Page Number :2
Total Pages :3
Certificate Date: 22-AUG-94
Invoice No. :I9422224
P.O. Number :
Account :LZV

*PLEASE NOTE

CERTIFICATE OF ANALYSIS A9422224

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
2331	201 --	15	0.28	5.6	0.4	0.5	51.2	1.0	10	< 0.2	316	70
2332	201 --	< 5	0.18	6.0	0.4	0.6	30.2	0.8	12	< 0.2	320	90
2333	201 --	< 5	0.26	8.4	0.4	0.9	48.8	1.6	30	< 0.2	395	150
2334	201 --	< 5	0.08	3.4	0.4	0.1	22.6	0.4	6	< 0.2	149	30
2335	201 --	< 5	0.10	3.6	0.6	0.1	25.4	0.6	7	< 0.2	133	30
2336	201 --	< 5	0.06	4.2	0.4	0.1	23.6	0.6	9	< 0.2	115	60
2337	201 --	< 5	0.04	2.4	0.4	0.1	18.8	0.4	6	< 0.2	104	20
2338	201 --	< 5	< 0.02	2.0	0.4	< 0.1	14.4	0.4	5	< 0.2	52	10
2339	201 --	10	0.02	2.2	0.4	< 0.1	15.2	0.4	4	< 0.2	51	20
2340	201 --	3100	1.28	423	1.8	0.6	69.6	< 0.2	< 1	< 0.2	92	40
2341	201 --	15	0.52	4.2	1.4	3.1	79.2	2.6	5	< 0.2	390	10
2342	201 --	5	0.48	7.0	1.8	0.3	39.4	1.2	< 1	< 0.2	37	50
2343	201 --	< 5	2.60	3.6	5.8	< 0.1	174.5	1.0	100	< 0.2	332	60
2344	201 --	< 5	0.48	13.8	0.6	< 0.1	4.6	6.6	5	4.4	17	30
2345	201 --	< 5	0.94	5.0	0.6	< 0.1	6.2	2.0	2	< 0.2	29	20
2346	201 --	< 5	3.46	3.2	0.4	< 0.1	5.2	1.2	4	< 0.2	30	40
2347	201 --	< 5	0.06	2.4	0.4	< 0.1	4.8	0.6	4	< 0.2	56	10
2348	201 --	< 5	< 0.02	2.6	0.2	< 0.1	5.8	0.4	2	< 0.2	27	10
2349	201 --	< 5	< 0.02	2.8	0.2	< 0.1	5.8	0.4	< 1	< 0.2	31	10
2350	201 --	< 5	< 0.02	2.4	0.4	< 0.1	4.4	0.4	3	< 0.2	41	10
2351	201 --	< 5	< 0.02	2.4	0.6	< 0.1	4.0	0.2	4	< 0.2	33	10
2352	201 --	< 5	< 0.02	1.4	0.6	< 0.1	4.2	0.4	3	< 0.2	48	20
2353	201 --	< 5	< 0.02	2.8	0.6	< 0.1	5.4	0.4	2	< 0.2	31	20
2354	201 --	< 5	0.02	3.4	0.4	0.1	26.0	0.4	7	< 0.2	164	10
2355	201 --	245	0.06	42.8	1.4	0.2	19.2	1.6	< 1	< 0.2	71	30
2356	201 --	10	0.34	23.8	0.6	0.5	29.0	13.2	18	0.6	121	30
2357	201 --	5	0.30	4.4	0.4	0.4	21.8	2.6	10	< 0.2	104	40
2358	201 --	< 5	1.24	68.6	0.6	0.1	49.6	22.4	26	1.8	154	260
2359	201 --	< 5	0.04	3.0	0.4	< 0.1	16.6	0.6	6	0.2	54	20
2360	201 --	< 5	0.04	3.0	0.4	0.4	23.0	0.6	6	< 0.2	155	40
2361	201 --	5	0.54	22.4	1.0	0.1	43.8	9.4	16	0.8	133	50
2362	201 --	< 5	< 0.02	31.4	0.4	< 0.1	123.5	0.2	< 1	< 0.2	109	20
2363	201 --	5	0.36	16.2	0.6	0.2	63.4	6.8	12	< 0.2	232	90
2364	201 --	< 5	0.22	1.4	0.8	0.3	96.2	1.6	3	< 0.2	85	40
2365	201 --	< 5	0.16	16.4	1.0	< 0.1	42.4	4.6	8	0.2	112	70
2366	201 --	5	0.06	5.4	0.4	< 0.1	1.6	0.6	< 1	< 0.2	6	10
2367	201 --	185	0.26	5.0	1.8	0.3	24.2	0.6	< 1	< 0.2	77	50
2368	201 --	15	0.50	3.8	5.6	< 0.1	193.0	3.0	18	0.8	32	90
2369	201 --	10	0.34	10.6	0.6	0.4	22.8	1.6	9	< 0.2	148	20
2370	201 --	5	1.08	421	0.8	0.4	267	0.4	4	< 0.2	268	30

CERTIFICATION: Stan Bachlan

*SAMPLES:2343 AND 2368 ARE NOT SUITABLE FOR THIS METHOD DUE TO HIGH "S".

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : 0431
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Account : LZV

*PLEASE NOTE

CERTIFICATE OF ANALYSIS A9422224

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb			
2371	201	--	< 5	0.26	44.6	1.0	0.5	41.4	0.6	6	0.4	39	50			
2372	201	--	5	0.04	19.6	0.6	0.1	23.6	6.4	8	0.2	98	10			
2373	201	--	< 5	0.72	1.4	0.8	1.6	54.4	0.8	4	< 0.2	45	90			
2374	201	--	< 5	3.92	49.6	2.4	9.1	593	59.0	73	2.8	234	240			
2375	201	--	< 5	1.66	63.8	3.4	0.1	196.5	3.8	24	< 0.2	89	60			
2376	201	--	< 5	0.46	5.0	1.4	0.4	32.6	0.4	3	< 0.2	32	160			
2377	201	--	5	0.26	3.6	1.2	0.4	24.2	0.4	1	0.4	52	100			
2378	201	--	65	0.24	12.0	1.2	0.1	18.4	1.0	2	< 0.2	40	40			
2379	201	--	< 5	0.24	382	1.4	1.0	81.8	1.0	6	< 0.2	200	50			
2380	201	--	< 5	0.46	25.2	0.8	1.0	45.4	7.2	32	< 0.2	351	40			
2381	201	--	50	1.06	5.4	4.4	< 0.1	91.4	1.2	< 1	3.6	6	140			
2382	201	--	5	0.40	35.2	2.2	0.1	90.0	1.2	10	< 0.2	49	50			
2383	201	--	< 5	0.90	10.6	1.0	0.1	33.4	0.8	3	< 0.2	39	70			
2384	201	--	< 5	0.02	3.4	1.2	< 0.1	89.8	4.4	8	< 0.2	27	10			
2385	201	--	30	0.24	14.6	0.8	0.1	64.6	2.4	5	< 0.2	130	30			
2386	201	--	< 5	0.26	3.4	2.0	0.8	50.4	0.6	3	< 0.2	90	30			
2387	201	--	15	< 0.02	1.0	0.4	< 0.1	6.4	0.2	2	< 0.2	43	10			
2388	201	--	< 5	< 0.02	6.2	1.2	< 0.1	24.2	0.2	2	< 0.2	35	60			
2389	201	--	< 5	0.82	15.2	1.2	1.0	82.0	2.2	20	0.8	101	110			
2390	201	--	< 5	0.06	3.4	1.6	0.1	56.6	1.6	3	< 0.2	45	40			
2391	201	--	< 5	0.76	7.2	1.2	5.6	37.0	1.8	1	< 0.2	1265	60			
2392	201	--	< 5	0.56	8.4	< 0.2	2.5	1565	0.8	6	< 0.2	103	160			
2393	201	--	< 5	0.04	2.8	0.2	0.1	41.8	0.4	7	< 0.2	103	20			
2394	201	--	< 5	0.02	2.4	0.4	< 0.1	22.0	0.4	5	< 0.2	82	30			
2395	201	--	< 5	0.06	2.2	0.2	0.1	20.4	0.4	6	< 0.2	96	30			
2396	201	--	< 5	0.04	1.8	0.2	< 0.1	19.0	0.4	5	< 0.2	78	20			
2397	201	--	< 5	0.02	2.6	0.2	< 0.1	16.2	0.4	5	< 0.2	90	40			
2398	201	--	< 5	0.04	1.8	0.2	< 0.1	20.4	0.4	6	< 0.2	92	30			
2399	201	--	< 5	0.04	2.4	< 0.2	< 0.1	19.0	0.4	6	< 0.2	55	20			
2400	201	--	< 5	< 0.02	1.6	0.2	< 0.1	9.6	0.2	2	< 0.2	34	10			
2401	201	--	< 5	< 0.02	1.8	0.2	< 0.1	10.6	0.2	2	< 0.2	36	10			
2402	201	--	< 5	0.02	2.0	< 0.2	< 0.1	6.0	0.4	4	< 0.2	39	10			
2403	201	--	< 5	< 0.02	2.4	0.2	< 0.1	3.6	0.2	2	< 0.2	39	20			
2404	201	--	< 5	< 0.02	0.8	0.2	< 0.1	2.6	0.2	2	< 0.2	29	20			
2405	201	--	< 5	0.02	1.8	< 0.2	< 0.1	3.6	0.4	1	< 0.2	29	10			
2406	201	--	1900	0.20	114.0	0.2	0.1	46.2	0.4	< 1	< 0.2	59	10			
2407	201	--	1300	0.70	8.2	0.4	0.5	65.8	< 0.2	2	< 0.2	65	30			
2408	201	--	5	2.60	51.0	0.6	0.1	29.4	71.0	28	7.2	139	160			
2409	201	--	20	9.56	428	1.2	0.4	103.0	15.0	2880	10.2	308	7200			
2410	201	--	5	0.14	6.6	0.4	< 0.1	28.4	0.8	33	< 0.2	82	110			

CERTIFICATION: Stan Bachlet

*SAMPLES:2343 AND 2368 ARE NOT SUITABLE FOR THIS METHOD DUE TO HIGH "S".

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

TO: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Comments: ATTN: J. BURGESS CC: J. BURGESS

A9422515

CERTIFICATE A9422515

KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 23-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	120	Dry, sieve to -80 mesh

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
17	120	Au ppb	AAS	5	10000
1941	120	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	120	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	120	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	120	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	120	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
1939	120	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	120	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	120	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	120	Zn ppm: Ultra trace package	EXT-ICP	1	5000
20	120	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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Ontario, Canada L4W 2S3
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To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Page Number :1
Total Pages :3
Certificate Date: 23-AUG-94
Invoice No. : I9422515
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422515

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
864	201 --	< 5	0.06	3.2	0.2	0.7	44.4	1.4	11.5	< 0.2	94	100
865	201 --	< 5	0.08	3.0	0.2	0.2	43.8	0.6	9.5	< 0.2	161	60
866	201 --	< 5	0.02	2.0	0.2	< 0.1	15.2	0.4	7.0	< 0.2	48	30
867	201 --	< 5	0.02	1.0	0.4	< 0.1	12.4	0.2	6.0	< 0.2	45	20
868	201 --	< 5	0.02	2.0	0.2	< 0.1	14.8	0.2	6.0	< 0.2	41	10
869	201 --	< 5	0.02	15.2	0.4	< 0.1	15.8	3.6	8.5	0.4	69	20
870	201 --	< 5	0.04	15.8	0.2	< 0.1	27.8	2.6	11.0	< 0.2	81	40
871	201 --	< 5	< 0.02	1.6	0.4	< 0.1	12.6	0.2	6.0	< 0.2	42	10
872	201 --	< 5	0.02	2.0	0.2	< 0.1	16.2	0.4	7.0	< 0.2	49	10
873	201 --	< 5	< 0.02	1.8	0.2	< 0.1	13.0	0.2	6.0	< 0.2	48	10
874	201 --	< 5	0.02	1.8	0.2	< 0.1	16.0	0.2	6.5	< 0.2	55	10
875	201 --	< 5	0.02	2.0	0.2	< 0.1	15.8	0.2	6.5	< 0.2	59	10
876	201 --	< 5	< 0.02	1.4	0.2	< 0.1	9.4	0.2	6.0	< 0.2	41	20
877	201 --	< 5	< 0.02	2.0	0.2	< 0.1	16.0	0.4	7.5	< 0.2	54	20
878	201 --	< 5	0.02	1.6	0.2	< 0.1	8.0	0.4	5.5	< 0.2	34	10
879	201 --	< 5	0.02	3.4	0.2	< 0.1	9.2	0.8	6.5	< 0.2	46	10
880	201 --	< 5	0.02	1.8	0.2	< 0.1	8.6	0.4	6.5	< 0.2	46	10
881	201 --	< 5	< 0.02	2.0	0.2	< 0.1	6.8	0.2	6.0	< 0.2	48	10
882	201 --	< 5	0.08	2.6	0.4	< 0.1	21.6	0.8	11.5	< 0.2	70	40
883	201 --	< 5	0.04	10.6	0.2	< 0.1	16.8	5.2	8.0	< 0.2	59	20
884	201 --	< 5	0.04	0.4	0.2	0.1	53.0	4.0	8.0	< 0.2	208	20
885	201 --	< 5	0.02	4.2	0.2	< 0.1	16.6	0.4	9.0	< 0.2	41	30
886	201 --	15	< 0.02	2.6	0.2	< 0.1	11.2	0.4	10.0	< 0.2	42	20
887	201 --	< 5	< 0.02	1.8	< 0.2	< 0.1	10.2	0.4	7.5	< 0.2	39	20
888	201 --	< 5	< 0.02	2.6	0.2	< 0.1	12.2	0.6	7.0	< 0.2	52	10
889	201 --	< 5	0.18	5.4	0.2	< 0.1	7.4	1.2	12.0	< 0.2	36	20
890	201 --	< 5	< 0.02	3.0	0.4	< 0.1	11.2	0.4	7.5	< 0.2	36	10
891	201 --	< 5	< 0.02	1.8	0.2	< 0.1	6.4	0.4	6.5	< 0.2	43	10
892	201 --	< 5	0.48	23.0	0.2	0.1	71.8	3.0	13.5	< 0.2	93	210
893	201 --	< 5	0.04	2.8	0.2	< 0.1	8.6	0.4	7.0	< 0.2	37	20
894	201 --	< 5	< 0.02	3.2	< 0.2	< 0.1	12.8	0.2	6.0	< 0.2	31	30
895	201 --	< 5	< 0.02	1.0	< 0.2	< 0.1	8.4	0.2	5.5	< 0.2	40	20
896	201 --	< 5	< 0.02	4.0	0.2	< 0.1	8.8	0.6	5.5	< 0.2	36	10
897	201 --	< 5	< 0.02	3.6	< 0.2	< 0.1	13.4	0.6	9.0	< 0.2	47	40
898	201 --	< 5	< 0.02	2.2	< 0.2	< 0.1	7.4	0.2	4.0	< 0.2	34	20
899	201 --	< 5	< 0.02	1.4	0.4	< 0.1	8.0	0.4	9.0	< 0.2	64	10
955	201 --	< 5	0.04	3.2	0.4	< 0.1	7.4	0.6	7.5	< 0.2	43	10
956	201 --	< 5	< 0.02	3.2	0.4	< 0.1	16.0	0.8	8.0	< 0.2	32	30
957	201 --	< 5	< 0.02	2.2	0.2	< 0.1	4.8	0.4	4.5	< 0.2	39	10
958	201 --	< 5	< 0.02	3.2	0.2	< 0.1	11.6	0.6	8.0	< 0.2	49	20

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 23-AUG-94
Invoice No. : I9422515
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422515

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
959	201 --	< 5	0.02	1.6	< 0.2	< 0.1	8.0	0.4	4.5	< 0.2	34	10
960	201 --	< 5	0.02	3.6	< 0.2	< 0.1	9.8	0.4	4.5	1.2	35	30
961	201 --	< 5	< 0.02	0.2	< 0.2	< 0.1	5.2	0.4	6.0	< 0.2	36	20
962	201 --	< 5	< 0.02	1.6	< 0.2	< 0.1	4.6	0.4	8.0	< 0.2	53	20
963	201 --	< 5	< 0.02	3.2	< 0.2	< 0.1	5.0	0.6	5.0	< 0.2	36	10
964	201 --	< 5	0.14	2.0	0.2	0.2	7.8	0.6	9.5	< 0.2	41	30
965	201 --	< 5	0.22	0.6	< 0.2	< 0.1	3.8	0.2	10.5	< 0.2	68	30
966	201 --	< 5	< 0.02	2.6	< 0.2	< 0.1	6.2	0.6	10.0	< 0.2	53	30
967	201 --	< 5	< 0.02	2.4	< 0.2	< 0.1	6.0	0.4	5.5	< 0.2	35	20
968	201 --	< 5	< 0.02	4.6	< 0.2	< 0.1	14.0	0.8	10.5	< 0.2	42	20
969	201 --	< 5	< 0.02	2.2	< 0.2	< 0.1	6.8	0.6	6.0	< 0.2	32	10
970	201 --	< 5	< 0.02	3.2	< 0.2	< 0.1	7.6	0.6	8.2	< 0.2	47	30
971	201 --	< 5	0.20	7.4	< 0.2	0.2	17.0	1.2	16.0	< 0.2	50	200
972	201 --	< 5	0.04	5.0	< 0.2	< 0.1	9.0	1.0	9.0	< 0.2	52	20
973	201 --	< 5	< 0.02	1.6	< 0.2	< 0.1	6.0	0.4	4.2	< 0.2	30	10
974	201 --	< 5	0.04	3.6	< 0.2	< 0.1	20.6	0.6	10.4	< 0.2	83	40
975	201 --	< 5	< 0.02	3.6	< 0.2	< 0.1	10.0	0.6	8.8	< 0.2	41	30
976	201 --	< 5	0.02	6.0	< 0.2	< 0.1	9.2	1.0	6.0	< 0.2	35	10
977	201 --	< 5	< 0.02	4.0	< 0.2	< 0.1	12.0	0.8	9.8	< 0.2	40	30
978	201 --	< 5	0.08	7.2	< 0.2	< 0.1	8.0	2.0	7.6	< 0.2	43	20
979	201 --	< 5	0.02	3.8	0.2	< 0.1	14.2	0.4	6.5	< 0.2	45	20
980	201 --	< 5	0.06	23.2	0.4	0.6	110.5	1.8	10.0	< 0.2	172	20
981	201 --	< 5	0.02	1.8	0.2	< 0.1	29.2	0.4	6.0	< 0.2	59	20
982	201 --	< 5	0.08	15.2	0.4	0.3	81.0	1.4	11.5	< 0.2	131	10
983	201 --	< 5	0.04	2.4	0.2	< 0.1	18.0	0.6	7.0	< 0.2	66	10
984	201 --	< 5	0.10	4.6	0.2	0.4	26.4	1.2	10.0	< 0.2	123	20
985	201 --	< 5	0.04	2.6	0.2	< 0.1	17.6	0.4	7.5	< 0.2	66	40
986	201 --	< 5	< 0.02	3.0	4.2	< 0.1	2.8	< 0.2	< 0.5	< 0.2	1	10
987	201 --	< 5	0.04	1.4	0.2	0.1	11.8	0.2	5.5	< 0.2	61	20
988	201 --	< 5	0.02	1.8	< 0.2	< 0.1	11.6	0.2	4.0	< 0.2	48	30
989	201 --	< 5	0.04	1.8	0.2	< 0.1	23.6	0.4	6.5	< 0.2	123	20
990	201 --	< 5	0.04	1.6	0.2	< 0.1	23.8	0.4	7.5	< 0.2	107	20
991	201 --	< 5	0.04	0.8	0.2	< 0.1	15.8	0.4	5.5	< 0.2	79	20
992	201 --	< 5	0.02	1.4	< 0.2	< 0.1	18.8	0.2	6.0	< 0.2	112	30
993	201 --	< 5	0.02	1.4	< 0.2	0.1	20.6	0.4	7.5	< 0.2	111	20
994	201 --	< 5	0.04	3.0	< 0.2	0.1	22.2	0.6	8.5	< 0.2	104	20
995	201 --	< 5	0.04	2.8	0.2	0.1	19.4	0.6	7.5	< 0.2	105	40
996	201 --	< 5	0.04	2.0	0.2	< 0.1	13.0	0.4	6.0	< 0.2	59	10
997	201 --	< 5	0.04	2.6	0.4	0.1	16.6	0.4	5.5	< 0.2	75	20
998	201 --	< 5	0.04	3.6	< 0.2	< 0.1	20.2	0.6	7.5	< 0.2	91	40

CERTIFICATION: Ian Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.

P.O. BOX 516
TORONTO, ON
M5D 1J2

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 23-AUG-94
Invoice No. : I9422515
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422515

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb			
999	201	--	< 5	< 0.02	2.0	1.8	< 0.1	10.4	0.6	< 0.5	< 0.2	5	30			
1654	201	--	< 5	0.22	2.6	0.4	< 0.1	14.0	0.4	8.0	< 0.2	22	30			
1655	201	--	10	0.42	3.4	0.4	0.1	19.4	0.4	11.5	< 0.2	29	40			
1656	201	--	5	0.46	1.6	0.4	0.1	9.8	1.0	10.0	< 0.2	33	20			
1657	201	--	5	0.24	1.0	0.4	0.1	10.2	0.6	6.0	< 0.2	38	20			
1658	201	--	5	0.30	0.4	0.2	0.1	10.2	0.6	5.5	< 0.2	41	20			
1659	201	--	5	0.20	1.2	0.8	0.2	13.8	1.0	8.5	< 0.2	48	30			
1660	201	--	< 5	0.10	0.6	0.2	0.1	10.4	0.2	3.0	< 0.2	31	10			
1661	201	--	90	0.08	1.0	0.4	< 0.1	7.0	1.8	5.0	< 0.2	17	10			
1662	201	--	15	0.40	1.4	0.2	0.1	17.2	0.4	5.5	< 0.2	53	40			
1663	201	--	< 5	0.18	2.6	0.6	0.2	22.0	0.4	5.0	< 0.2	39	40			
1664	201	--	< 5	0.12	0.8	0.4	0.1	11.8	0.4	5.0	< 0.2	26	80			
1665	201	--	< 5	0.06	9.0	0.8	0.1	19.2	0.4	4.0	< 0.2	38	50			
1666	201	--	< 5	0.28	1.8	0.4	0.2	21.8	0.6	8.5	< 0.2	31	70			
1667	201	--	< 5	0.08	36.6	0.6	< 0.1	14.0	0.4	5.0	< 0.2	33	40			
1668	201	--	5	0.20	1.4	0.4	0.2	9.2	0.2	3.0	< 0.2	21	60			
1669	201	--	< 5	0.20	1.6	0.6	0.1	12.8	0.6	6.0	< 0.2	34	30			
1670	201	--	245	0.22	0.8	0.2	0.2	17.8	0.6	8.5	< 0.2	41	30			
1671	201	--	15	0.14	2.2	0.2	0.1	19.4	0.6	6.5	< 0.2	53	40			
1672	201	--	5	0.36	1.0	0.4	0.2	16.2	0.8	8.5	< 0.2	36	40			
1673	201	--	30	0.24	1.6	0.4	0.1	13.2	1.2	8.0	< 0.2	32	30			
1674	201	--	5	0.14	0.4	0.4	0.3	16.0	0.6	5.5	< 0.2	32	30			
1675	201	--	< 5	0.62	1.4	0.6	0.1	18.0	1.2	7.5	< 0.2	46	40			
1676	201	--	25	0.62	0.8	0.2	0.2	16.4	0.6	6.5	< 0.2	39	80			
1677	201	--	60	0.30	2.6	0.4	0.3	18.4	0.8	7.5	< 0.2	57	50			
1678	201	--	< 5	0.08	2.0	0.6	0.1	14.8	0.8	6.5	0.6	32	50			
1679	201	--	< 5	0.20	3.0	0.2	< 0.1	21.2	0.8	7.0	< 0.2	35	70			
1680	201	--	2100	0.14	2.0	0.8	0.2	26.4	0.6	9.0	< 0.2	52	50			
1681	201	--	< 5	0.06	1.6	0.4	0.2	5.6	0.6	7.5	< 0.2	57	20			
1682	201	--	50	0.06	1.2	0.6	0.4	5.2	0.2	7.0	< 0.2	69	40			
1683	201	--	< 5	0.08	1.2	0.6	0.1	8.0	0.4	5.0	< 0.2	40	50			
1684	201	--	< 5	0.04	7.8	0.6	0.1	2.8	0.4	5.5	< 0.2	21	30			
1685	201	--	2000	0.12	1.0	0.4	0.2	26.2	0.8	7.0	< 0.2	57	50			
1686	201	--	25	0.96	1.6	0.6	0.5	32.6	0.6	8.0	< 0.2	59	90			
1687	201	--	< 5	0.20	0.6	0.6	0.1	8.8	0.4	3.0	< 0.2	19	50			
1688	201	--	< 5	0.10	2.2	< 0.2	0.1	15.8	0.2	5.5	< 0.2	47	40			
1689	201	--	< 5	0.14	2.4	< 0.2	0.1	19.6	0.4	8.5	< 0.2	55	30			
1690	201	--	< 5	0.06	2.2	< 0.2	< 0.1	14.6	0.2	6.0	< 0.2	57	30			
1691	201	--	25	0.24	1.4	0.4	0.2	16.6	0.8	6.5	< 0.2	38	40			
1692	201	--	< 5	0.06	3.0	0.2	< 0.1	16.2	0.4	7.0	< 0.2	53	40			

CERTIFICATION: Frank Pichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Comments: ATTN: J. BURGESS CC: J. BURGESS

RECU/RECEIVED

A9422516

CERTIFICATE A9422516

KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 25-AUG-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	150	Dry, sieve to -80 mesh

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
17	150	Au ppb	AAS	5	10000
1941	150	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	150	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	150	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	150	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	150	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
1939	150	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	150	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	150	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	150	Zn ppm: Ultra trace package	EXT-ICP	1	5000
20	150	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

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P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9422516

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
1693	201 --	< 5	0.04	41.2	< 0.2	0.1	160.0	0.4	5.0	< 0.2	123	20
1694	201 --	< 5	0.04	5.2	< 0.2	< 0.1	23.8	0.8	9.5	< 0.2	87	20
1695	201 --	< 5	0.02	6.2	< 0.2	< 0.1	13.4	0.6	9.0	< 0.2	52	20
1696	201 --	< 5	0.02	4.4	< 0.2	< 0.1	12.4	1.2	10.5	< 0.2	94	10
1697	201 --	< 5	0.14	3.0	< 0.2	< 0.1	9.4	1.2	10.0	< 0.2	28	40
1698	201 --	< 5	< 0.02	3.8	< 0.2	< 0.1	7.2	0.2	7.5	< 0.2	34	10
1699	201 --	< 5	0.02	3.6	0.2	< 0.1	6.8	0.2	10.0	< 0.2	36	10
1751	201 --	< 5	0.02	4.0	< 0.2	< 0.1	8.4	0.4	9.5	< 0.2	33	10
1752	201 --	< 5	0.02	2.6	< 0.2	< 0.1	5.6	< 0.2	6.5	< 0.2	41	10
1753	201 --	< 5	0.02	3.2	< 0.2	< 0.1	21.8	0.2	7.0	< 0.2	53	10
1754	201 --	< 5	0.58	3.4	< 0.2	1.2	152.0	1.8	21.5	< 0.2	28	10
1755	201 --	< 5	0.02	6.0	< 0.2	< 0.1	17.8	0.4	20.0	< 0.2	90	20
1756	201 --	< 5	0.04	3.2	< 0.2	< 0.1	7.4	0.2	5.5	< 0.2	32	10
1757	201 --	< 5	0.34	2.6	< 0.2	0.9	128.5	2.0	19.5	< 0.2	51	10
1758	201 --	< 5	0.04	3.4	< 0.2	< 0.1	6.0	0.2	5.5	< 0.2	29	10
1759	201 --	< 5	0.02	3.4	< 0.2	< 0.1	3.8	0.2	4.5	< 0.2	28	20
1760	201 --	< 5	0.02	4.0	0.2	< 0.1	5.0	1.0	8.0	< 0.2	24	10
1761	201 --	< 5	< 0.02	5.0	< 0.2	< 0.1	3.4	0.6	7.0	< 0.2	30	10
1762	201 --	< 5	0.02	3.8	0.2	< 0.1	2.6	0.6	8.0	< 0.2	28	10
1770	201 --	3800	1.64	2.6	0.4	< 0.1	27.8	1.2	7.0	< 0.2	53	10
1771	201 --	35	0.10	2.2	0.8	0.2	11.4	0.8	7.0	< 0.2	54	30
1772	201 --	5	0.06	1.2	0.6	0.1	7.2	0.6	5.5	< 0.2	44	30
1773	201 --	< 5	0.10	1.8	0.8	0.1	11.2	1.2	5.5	< 0.2	59	10
1774	201 --	5	0.04	2.8	0.4	0.1	5.2	0.2	4.5	< 0.2	40	20
1775	201 --	15	0.22	2.2	0.4	0.1	10.8	1.0	5.0	< 0.2	43	30
1776	201 --	< 5	0.08	0.6	0.6	0.2	6.4	0.2	3.0	< 0.2	24	10
1777	201 --	< 5	0.02	2.0	< 0.2	< 0.1	5.2	0.2	6.0	< 0.2	32	10
1778	201 --	5	0.12	< 0.2	0.2	0.2	4.0	0.2	1.5	< 0.2	15	80
1779	201 --	< 5	0.06	1.8	< 0.2	< 0.1	13.2	0.2	6.0	< 0.2	47	10
1780	201 --	< 5	0.18	2.2	< 0.2	0.1	16.6	0.8	9.5	< 0.2	54	30
1781	201 --	< 5	0.16	4.0	< 0.2	1.0	58.0	1.8	26.5	< 0.2	66	10
1782	201 --	< 5	0.18	6.2	< 0.2	0.1	29.8	1.4	14.5	< 0.2	149	10
1783	201 --	< 5	0.04	1.2	< 0.2	0.1	10.0	0.6	7.5	< 0.2	28	10
1784	201 --	< 5	0.14	0.8	0.2	0.2	29.4	0.6	5.0	< 0.2	23	10
1785	201 --	< 5	< 0.02	1.4	< 0.2	< 0.1	5.6	0.2	6.5	< 0.2	30	10
1786	201 --	< 5	0.04	1.0	< 0.2	< 0.1	11.8	0.2	6.5	< 0.2	50	20
1787	201 --	< 5	0.02	1.8	< 0.2	< 0.1	9.0	0.2	7.5	< 0.2	51	10
1788	201 --	< 5	0.08	0.4	0.2	0.1	60.4	2.8	4.0	< 0.2	61	20
1789	201 --	< 5	0.04	0.4	< 0.2	< 0.1	5.4	0.4	5.0	< 0.2	18	10
1790	201 --	< 5	< 0.02	2.4	< 0.2	< 0.1	3.0	0.6	6.0	< 0.2	26	10

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
5175 Timberlea Blvd., Mississauga,
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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 25-AUG-94
Invoice No. :I9422516
P.O. Number :
Account :LZV

CERTIFICATE OF ANALYSIS A9422516

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
1791	201 --	< 5	0.02	3.0	0.2	< 0.1	4.0	0.6	5.5	< 0.2	34	20
1792	201 --	< 5	< 0.02	2.0	< 0.2	< 0.1	9.0	0.2	5.5	< 0.2	38	30
1793	201 --	< 5	0.08	2.2	< 0.2	0.1	13.0	0.2	7.5	< 0.2	46	30
1794	201 --	< 5	0.04	4.8	< 0.2	0.4	40.4	0.4	9.0	< 0.2	89	20
1795	201 --	< 5	0.08	63.2	0.2	0.4	47.2	0.4	5.5	< 0.2	87	30
1796	201 --	< 5	0.06	4.4	< 0.2	< 0.1	25.6	0.6	8.0	< 0.2	69	40
1797	201 --	< 5	0.02	0.6	< 0.2	< 0.1	2.8	0.4	0.5	1.6	1	50
1798	201 --	< 5	0.06	2.6	< 0.2	0.1	32.0	0.6	6.0	< 0.2	90	50
1799	201 --	< 5	0.04	2.0	0.2	0.1	22.8	0.4	7.5	< 0.2	77	20
2538	201 --	< 5	0.36	4.2	0.4	0.3	25.4	1.6	16.0	< 0.2	42	20
2539	201 --	< 5	0.34	114.5	0.2	0.1	68.2	10.4	17.0	0.8	169	60
2540	201 --	< 5	0.02	3.0	0.2	< 0.1	19.4	0.6	7.5	< 0.2	59	20
2541	201 --	< 5	0.72	48.4	0.4	0.1	47.4	13.2	26.0	2.4	160	100
2542	201 --	< 5	0.04	2.0	< 0.2	< 0.1	14.8	0.6	7.0	< 0.2	52	20
2543	201 --	< 5	0.06	2.8	0.2	0.1	26.2	0.4	14.5	< 0.2	94	50
2544	201 --	< 5	0.94	35.0	< 0.2	0.2	78.0	6.8	132.5	0.4	215	650
2545	201 --	< 5	0.14	6.2	0.2	0.1	42.2	1.4	15.5	0.2	122	50
2546	201 --	< 5	0.40	4.4	0.8	1.0	39.6	0.4	42.5	< 0.2	104	80
2547	201 --	< 5	0.18	98.4	1.4	0.4	57.4	18.8	54.5	4.8	154	80
2548	201 --	< 5	0.20	4.0	0.2	0.6	35.2	0.8	12.0	< 0.2	125	30
2549	201 --	< 5	0.02	2.2	0.2	0.1	16.6	0.4	7.0	< 0.2	65	30
2557	201 --	< 5	0.18	18.6	0.2	0.2	16.8	3.4	23.0	< 0.2	105	70
2558	201 --	< 5	0.06	2.8	0.2	0.1	15.4	0.6	7.0	< 0.2	85	30
2559	201 --	< 5	0.48	38.6	< 0.2	0.1	70.2	6.2	40.5	0.8	153	150
2560	201 --	< 5	0.06	1.6	< 0.2	0.1	6.6	0.8	5.0	< 0.2	67	10
2561	201 --	< 5	0.34	12.6	0.2	0.5	85.8	0.4	12.5	< 0.2	125	40
2562	201 --	< 5	0.10	9.4	0.2	0.1	32.2	1.2	8.0	< 0.2	73	50
2563	201 --	< 5	0.02	0.6	< 0.2	< 0.1	16.2	0.4	7.5	< 0.2	52	20
2564	201 --	< 5	1.74	43.4	0.4	17.0	212	1.8	517	< 0.2	2000	230
2565	201 --	< 5	0.12	3.4	< 0.2	0.2	34.8	0.8	12.5	< 0.2	154	40
2566	201 --	< 5	0.06	2.2	0.2	0.1	21.0	0.4	7.5	< 0.2	83	30
2567	201 --	< 5	0.08	10.8	< 0.2	0.1	28.2	0.8	8.5	< 0.2	78	30
2568	201 --	< 5	0.04	3.8	< 0.2	0.1	21.6	0.6	8.5	< 0.2	90	30
2569	201 --	< 5	0.60	11.4	0.2	0.5	40.0	1.6	7.5	< 0.2	88	70
2570	201 --	< 5	0.04	4.4	< 0.2	0.1	22.8	1.4	7.5	< 0.2	75	20
2571	201 --	< 5	0.08	4.2	< 0.2	0.1	28.6	0.8	10.0	< 0.2	130	30
2572	201 --	< 5	0.08	2.2	< 0.2	0.1	22.0	0.6	8.0	< 0.2	114	20
2573	201 --	< 5	0.14	6.4	0.4	0.4	34.2	1.8	10.5	< 0.2	146	50
2574	201 --	< 5	1.52	64.2	0.6	2.2	79.6	13.6	13.0	0.8	229	90
2575	201 --	285	0.50	1.6	0.2	0.1	3.8	< 0.2	1.5	< 0.2	35	10

CERTIFICATION: Ian Buchler

Chemex Labs Ltd.

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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 25-AUG-94
Invoice No. :I9422516
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CERTIFICATE OF ANALYSIS A9422516

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
2576	201 --	< 5	0.24	3.8	0.2	0.9	45.4	1.4	71.0	< 0.2	578	60
2577	201 --	< 5	0.06	2.2	< 0.2	0.2	20.6	0.6	8.0	< 0.2	101	20
2578	201 --	< 5	0.28	30.2	< 0.2	< 0.1	43.8	5.8	15.0	0.6	91	60
2579	201 --	< 5	0.08	3.4	< 0.2	< 0.1	26.8	0.8	8.0	< 0.2	73	30
2580	201 --	< 5	0.12	12.4	< 0.2	0.3	41.4	0.6	8.5	< 0.2	124	20
2581	201 --	< 5	0.16	14.0	< 0.2	0.4	64.2	3.4	11.5	< 0.2	205	80
2582	201 --	< 5	0.10	3.2	< 0.2	0.3	30.8	1.0	10.0	< 0.2	139	70
2583	201 --	< 5	0.08	3.2	0.2	0.2	24.4	0.8	10.0	< 0.2	130	30
2584	201 --	< 5	0.06	19.0	0.2	0.1	59.4	2.0	13.0	< 0.2	77	20
2585	201 --	< 5	0.02	1.6	< 0.2	< 0.1	18.0	0.4	6.0	< 0.2	70	10
2586	201 --	< 5	0.04	2.4	< 0.2	< 0.1	22.8	0.6	7.5	< 0.2	70	40
2587	201 --	< 5	0.06	1.6	0.2	< 0.1	22.6	0.6	7.5	< 0.2	70	20
2588	201 --	< 5	0.06	2.6	0.2	0.1	23.8	0.6	9.0	< 0.2	104	30
2589	201 --	< 5	0.12	2.6	0.2	0.2	24.2	0.8	17.5	< 0.2	145	40
2590	201 --	< 5	0.04	1.2	< 0.2	< 0.1	16.6	0.4	6.5	< 0.2	62	10
2591	201 --	< 5	0.02	2.4	< 0.2	< 0.1	16.4	0.6	7.0	< 0.2	57	20
2592	201 --	< 5	0.04	1.0	< 0.2	< 0.1	14.6	0.6	7.5	< 0.2	58	20
2593	201 --	< 5	0.02	1.2	0.2	< 0.1	15.4	0.4	6.5	< 0.2	63	10
2594	201 --	< 5	0.04	2.4	< 0.2	0.1	22.2	0.6	9.0	< 0.2	71	10
2595	201 --	< 5	0.02	1.2	0.2	0.1	20.2	0.6	8.0	< 0.2	85	20
2596	201 --	< 5	0.02	2.0	< 0.2	< 0.1	16.8	0.6	5.5	0.2	63	30
2597	201 --	< 5	0.04	1.6	< 0.2	< 0.1	17.0	0.4	10.5	< 0.2	67	10
2598	201 --	< 5	0.12	3.2	0.2	0.1	20.0	1.8	8.0	< 0.2	88	30
2599	201 --	< 5	0.04	2.2	< 0.2	0.1	15.6	0.4	6.5	< 0.2	102	20
2600	201 --	< 5	0.02	0.8	0.2	0.2	11.4	0.4	5.0	< 0.2	55	10
2601	201 --	< 5	0.02	1.4	0.2	< 0.1	13.4	0.2	5.5	< 0.2	42	10
2602	201 --	< 5	< 0.02	1.2	< 0.2	< 0.1	14.6	0.2	4.5	< 0.2	43	30
2603	201 --	< 5	0.02	1.2	< 0.2	< 0.1	16.2	0.2	5.0	< 0.2	47	20
2604	201 --	< 5	0.06	1.6	< 0.2	0.1	29.8	0.4	10.0	< 0.2	70	20
2605	201 --	< 5	0.04	2.6	< 0.2	< 0.1	29.4	0.6	10.5	< 0.2	73	10
2606	201 --	< 5	0.06	3.0	0.2	< 0.1	37.2	0.6	9.0	< 0.2	79	30
2607	201 --	< 5	0.14	4.2	< 0.2	0.1	37.0	0.6	9.0	< 0.2	101	30
2608	201 --	< 5	0.04	31.0	0.2	0.2	129.5	1.2	9.0	< 0.2	105	30
2609	201 --	< 5	0.06	12.4	< 0.2	0.2	60.8	8.0	14.5	< 0.2	101	10
2610	201 --	< 5	1.68	15.6	0.6	1.3	462	2.4	44.0	0.6	86	80
2611	201 --	< 5	1.44	124.5	0.6	0.2	115.5	4.6	329	0.6	410	630
2612	201 --	< 5	1.64	246	0.4	0.5	221	4.0	309	0.8	1010	2600
2613	201 --	< 5	0.92	96.2	< 0.2	0.1	183.5	1.4	17.0	< 0.2	110	50
2614	201 --	< 5	0.14	53.6	< 0.2	0.2	234	0.6	10.0	< 0.2	88	10
2615	201 --	< 5	0.40	17.2	< 0.2	0.8	208	0.4	21.0	< 0.2	60	20

CERTIFICATION: Stan Buchler

Chemex Labs Ltd.

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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 25-AUG-94
Invoice No. : I9422516
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9422516

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
2616	201 --	< 5	0.22	83.0	0.4	1.1	111.0	1.4	18.5	< 0.2	108	20
2617	201 --	< 5	0.06	21.8	0.2	0.1	39.6	1.8	7.5	< 0.2	65	10
2618	201 --	< 5	0.08	54.2	< 0.2	0.1	132.5	0.8	5.0	< 0.2	58	20
2619	201 --	< 5	3.64	768	4.8	< 0.1	75.0	78.6	1490	35.6	851	80
2620	201 --	< 5	0.30	44.8	0.2	0.1	151.5	3.2	21.5	< 0.2	162	10
2621	201 --	< 5	0.04	4.4	< 0.2	0.1	40.4	0.6	10.0	< 0.2	164	10
2622	201 --	< 5	0.08	3.6	< 0.2	0.1	37.4	0.6	10.5	< 0.2	93	20
2623	201 --	< 5	0.18	3.0	0.2	0.2	30.4	0.6	14.5	< 0.2	113	20
2624	201 --	5	0.66	6.2	0.2	0.1	74.0	2.2	66.5	< 0.2	87	40
2625	201 --	< 5	0.02	2.8	0.2	0.1	22.0	0.6	9.5	< 0.2	119	20
2626	201 --	< 5	0.12	3.4	0.2	0.2	29.2	0.6	24.5	< 0.2	157	30
2627	201 --	< 5	0.04	2.2	0.2	< 0.1	17.4	0.4	7.5	< 0.2	54	30
2628	201 --	< 5	0.06	2.2	0.2	< 0.1	34.4	0.6	8.5	< 0.2	95	30
2629	201 --	< 5	0.04	1.8	< 0.2	< 0.1	22.8	0.6	8.0	< 0.2	81	20
2630	201 --	< 5	0.04	3.2	0.2	< 0.1	35.2	0.6	10.0	< 0.2	84	50
2631	201 --	< 5	0.02	2.2	0.2	< 0.1	18.6	0.4	8.0	< 0.2	54	60
2632	201 --	< 5	< 0.02	1.8	< 0.2	< 0.1	14.8	0.4	7.0	< 0.2	43	10
2633	201 --	< 5	0.02	2.4	< 0.2	< 0.1	19.2	0.4	7.5	< 0.2	56	10
2634	201 --	< 5	0.02	2.0	< 0.2	< 0.1	11.4	0.4	5.5	< 0.2	43	20
2635	201 --	< 5	0.08	1.6	< 0.2	0.1	17.6	0.6	6.0	< 0.2	60	30
2636	201 --	< 5	0.04	2.6	< 0.2	0.1	15.0	0.4	6.5	< 0.2	74	10
2637	201 --	< 5	0.10	3.4	< 0.2	0.1	31.0	0.8	10.0	< 0.2	91	20
2638	201 --	< 5	0.08	2.8	0.2	0.4	45.8	0.6	9.0	< 0.2	197	40
2639	201 --	< 5	0.18	2.6	< 0.2	0.2	24.0	0.8	12.0	< 0.2	125	30
2640	201 --	< 5	0.04	4.2	< 0.2	< 0.1	21.0	0.6	14.5	< 0.2	68	20
2641	201 --	< 5	2.20	21.6	0.4	0.3	169.5	7.4	221	0.6	179	110
2642	201 --	< 5	0.04	2.2	< 0.2	< 0.1	19.6	0.4	9.0	< 0.2	56	20
2643	201 --	< 5	0.14	2.0	< 0.2	< 0.1	11.0	0.4	7.0	< 0.2	46	30
2644	201 --	< 5	0.04	2.4	0.2	< 0.1	17.6	0.6	8.0	< 0.2	58	30
2645	201 --	< 5	0.08	4.8	< 0.2	0.1	41.6	0.8	9.5	< 0.2	96	20

CERTIFICATION: Stuart Bichler

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M5J 2S1

A9424003

Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

CERTIFICATE A9424003

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 9-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	49	Dry, sieve to -80 mesh

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
17	48	Au ppb	AAS	5	10000
1941	49	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	49	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	49	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	49	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	49	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
1939	49	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	49	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	49	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	49	Zn ppm: Ultra trace package	EXT-ICP	1	5000
20	49	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
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CERTIFICATE OF ANALYSIS A9424003

SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
1131	201 --	< 5	0.24	28.2	< 0.2	1.5	1185	1.0	8.5	< 0.2	545	70
1132	201 --	< 5	0.24	2.4	0.6	3.2	129.0	1.0	4.0	< 0.2	275	90
1133	201 --	< 5	0.24	1.0	0.4	3.4	92.2	2.8	5.0	< 0.2	294	60
1134	201 --	< 5	0.06	3.4	0.2	0.1	19.4	3.6	5.5	1.0	43	40
1135	201 --	< 5	0.08	0.4	0.6	0.9	27.4	11.2	1.0	0.2	47	40
1136	201 --	< 5	0.34	6.4	0.4	0.1	111.0	4.0	16.5	0.6	88	50
1137	201 --	5	1.30	3.2	0.6	< 0.1	151.0	11.6	12.5	< 0.2	47	20
1138	201 --	< 5	0.46	0.6	0.4	0.4	187.0	0.8	11.0	< 0.2	47	10
1139	201 --	< 5	0.12	4.2	0.2	0.1	67.6	2.0	9.0	< 0.2	100	10
1140	201 --	< 5	< 0.02	2.0	0.2	< 0.1	21.4	0.4	5.5	< 0.2	30	10
1141	201 --	< 5	0.04	2.2	< 0.2	< 0.1	11.2	0.4	4.0	< 0.2	28	10
1142	201 --	< 5	0.02	1.0	0.2	< 0.1	7.4	0.2	2.5	< 0.2	15	20
1143	201 --	< 5	0.76	2.2	1.0	1.1	98.2	1.8	3.5	0.4	19	300
1144	201 --	< 5	0.06	2.4	0.2	0.1	32.8	0.6	6.5	< 0.2	68	40
1145	201 --	< 5	0.04	2.6	< 0.2	< 0.1	17.0	0.6	6.0	< 0.2	46	20
1146	201 --	< 5	0.04	3.0	0.2	< 0.1	31.4	0.4	5.5	< 0.2	47	10
1147	201 --	< 5	0.02	1.4	< 0.2	< 0.1	13.6	0.2	3.0	< 0.2	19	10
1148	201 --	< 5	0.48	2.4	0.8	0.2	228	2.4	27.5	< 0.2	96	20
1149	201 --	5	1.28	5.4	2.2	< 0.1	222	5.8	15.5	0.2	40	10
1150	201 --	< 5	0.24	2.2	0.2	< 0.1	39.8	1.6	12.5	< 0.2	37	10
1151	201 --	< 5	0.12	5.4	0.2	0.2	67.4	2.0	10.0	< 0.2	99	10
1152	201 --	< 5	0.18	9.0	0.2	0.3	85.4	0.2	12.5	0.4	201	30
1153	201 --	< 5	0.40	2.2	< 0.2	< 0.1	6.2	0.2	4.5	< 0.2	17	20
1154	201 --	< 5	0.02	1.8	< 0.2	< 0.1	15.0	0.2	4.0	< 0.2	25	10
1155	201 --	< 5	0.02	2.4	0.2	< 0.1	20.8	0.4	6.0	< 0.2	42	20
1156	201 --	< 5	0.06	2.4	1.2	6.8	326	2.2	27.0	< 0.2	1795	30
1157	201 --	not/ss	0.62	2.4	0.4	14.2	843	2.0	34.0	< 0.2	293	150
1158	201 --	< 5	0.02	2.0	0.4	0.4	27.8	0.2	5.5	< 0.2	50	10
1159	201 --	< 5	< 0.02	2.0	0.2	< 0.1	11.4	0.2	5.0	< 0.2	28	10
1282	201 --	< 5	1.50	2.8	2.0	0.2	145.5	2.4	19.5	< 0.2	79	80
1283	201 --	< 5	1.94	3.4	2.0	0.3	207	4.0	30.5	< 0.2	183	100
1284	201 --	< 5	0.20	5.0	3.8	< 0.1	149.0	0.4	13.5	< 0.2	12	20
1287	201 --	< 5	0.20	6.0	7.0	< 0.1	105.5	3.2	1.5	< 0.2	7	20
1288	201 --	< 5	1.14	3.2	0.4	0.6	354	4.8	15.5	< 0.2	42	20
1289	201 --	< 5	0.04	3.2	0.2	< 0.1	38.8	0.6	8.0	< 0.2	64	20
1290	201 --	< 5	0.02	7.2	0.2	< 0.1	43.6	1.0	8.5	< 0.2	48	20
1291	201 --	< 5	0.08	5.4	0.2	0.1	54.0	2.2	8.5	< 0.2	93	10
1292	201 --	< 5	0.14	9.4	0.2	< 0.1	42.4	3.4	11.5	< 0.2	105	10
1293	201 --	< 5	0.16	4.8	0.4	< 0.1	32.8	1.2	7.0	< 0.2	50	30
1294	201 --	< 5	0.36	6.8	< 0.2	< 0.1	46.8	2.8	10.5	< 0.2	76	40

CERTIFICATION: Ian Bichler

Chemex Labs Ltd.

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TORONTO, ON
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Project : K431
Comments: ATTN: JOHN BURGESS CC: JOHN BURGESS

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CERTIFICATE OF ANALYSIS A9424003

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb			
1295	201	--	< 5	0.26	3.6	0.2	< 0.1	19.2	0.8	6.5	< 0.2	59	10			
1296	201	--	< 5	0.02	1.2	< 0.2	< 0.1	11.6	0.2	2.0	< 0.2	20	10			
1297	201	--	5	7.08	3.4	1.8	< 0.1	218	3.4	7.5	< 0.2	6	50			
1298	201	--	< 5	0.84	1.8	0.6	0.6	590	2.2	10.5	< 0.2	172	20			
1299	201	--	< 5	0.92	3.0	0.2	< 0.1	89.4	1.8	8.0	< 0.2	55	20			
1411	201	--	< 5	0.08	3.0	0.8	< 0.1	280	1.8	4.5	< 0.2	24	10			
1412	201	--	< 5	6.08	3.8	0.2	< 0.1	91.2	0.8	11.5	< 0.2	27	10			
1413	201	--	< 5	3.80	3.4	0.2	0.8	38.8	2.2	10.5	< 0.2	79	40			
1414	201	--	< 5	5.54	7.6	1.4	< 0.1	128.0	2.2	19.0	< 0.2	31	90			

CERTIFICATION: Ian Bucklen

Chemex Labs Ltd.

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06 -10- 1994

A9425719

CERTIFICATE A9425719

(LZV) - KENNECOTT CANADA, INC.

Project: K431
P.O. # :

Samples submitted to our lab in Mississauga, ON.
This report was printed on 30-SEP-94.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	116	Dry, sieve to -80 mesh

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
17	116	Au ppb	AAS	5	10000
1941	116	Ag ppm: Ultra trace package	EXT-ICP	0.02	200
1092	116	As ppm: Ultra trace package	EXT-ICP	0.2	5000
1094	116	Bi ppm: Ultra trace package	EXT-ICP	0.2	5000
1095	116	Cd ppm: Ultra trace package	EXT-ICP	0.1	1000
1097	116	Cu ppm: Ultra trace package	EXT-ICP	0.2	5000
1935	116	Hg ppm: Ultra trace package	EXT-ICP	0.1	5000
1939	116	Mo ppm: Ultra trace package	EXT-ICP	0.2	5000
1933	116	Pb ppm: Ultra trace package	EXT-ICP	0.5	5000
1089	116	Sb ppm: Ultra trace package	EXT-ICP	0.2	1000
1946	116	Zn ppm: Ultra trace package	EXT-ICP	1	5000
20	116	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000

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Invoice No. :19425719
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CERTIFICATE OF ANALYSIS A9425719

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb		
1000	201	--	< 5	0.08	19.4	< 0.2	< 0.1	9.4	< 0.1	5.6	6.0	< 0.2	37	10		
1021	201	--	< 5	0.10	4.8	< 0.2	< 0.1	21.8	< 0.1	0.8	12.0	< 0.2	18	30		
1022	201	--	< 5	0.02	5.2	0.2	< 0.1	14.8	< 0.1	4.6	17.0	< 0.2	33	20		
1023	201	--	< 5	0.06	< 0.2	0.2	< 0.1	12.0	< 0.1	0.4	7.5	< 0.2	12	10		
1024	201	--	< 5	0.14	0.8	< 0.2	< 0.1	22.8	< 0.1	0.4	5.5	< 0.2	53	10		
1025	201	--	< 5	0.20	6.6	0.2	0.1	18.2	< 0.1	2.4	14.0	< 0.2	61	10		
1026	201	--	< 5	0.74	5.8	0.2	0.2	20.0	< 0.1	2.4	10.5	< 0.2	27	40		
1027	201	--	< 5	0.66	9.8	< 0.2	0.2	55.2	< 0.1	6.8	30.0	< 0.2	116	80		
1028	201	--	< 5	0.56	31.6	< 0.2	< 0.1	44.8	< 0.1	5.0	14.5	0.8	46	50		
1029	201	--	< 5	0.52	11.6	0.2	< 0.1	19.6	< 0.1	4.0	13.0	< 0.2	41	60		
1030	201	--	< 5	0.20	49.4	0.2	0.3	256	< 0.1	0.4	4.0	< 0.2	34	10		
1060	201	--	< 5	0.90	89.4	< 0.2	0.1	347	< 0.1	< 0.2	7.0	< 0.2	66	20		
1061	201	--	< 5	0.58	21.2	0.2	< 0.1	39.2	< 0.1	4.2	15.0	< 0.2	121	60		
1062	201	--	< 5	0.22	40.0	0.2	0.1	58.6	< 0.1	7.8	27.0	1.2	171	120		
1063	201	--	< 5	0.06	1.4	< 0.2	< 0.1	14.0	< 0.1	0.4	5.5	< 0.2	41	20		
1064	201	--	< 5	1.16	12.2	< 0.2	0.1	33.2	< 0.1	4.8	12.5	< 0.2	98	70		
1065	201	--	< 5	0.82	56.0	0.4	< 0.1	49.8	0.2	13.2	39.5	3.6	115	300		
1066	201	--	< 5	0.12	2.6	0.2	< 0.1	14.0	< 0.1	0.6	6.0	< 0.2	42	20		
1067	201	--	< 5	0.02	1.4	0.2	< 0.1	13.8	< 0.1	0.2	4.5	< 0.2	38	10		
1068	201	--	< 5	< 0.02	1.0	< 0.2	< 0.1	4.4	< 0.1	0.4	3.0	< 0.2	28	20		
1069	201	--	< 5	< 0.02	0.8	< 0.2	< 0.1	6.8	< 0.1	0.4	4.0	< 0.2	39	10		
1070	201	--	< 5	0.04	1.2	0.2	< 0.1	11.0	< 0.1	0.2	4.0	< 0.2	33	10		
1071	201	--	< 5	0.20	1.4	< 0.2	< 0.1	14.0	< 0.1	0.4	5.0	< 0.2	39	30		
1072	201	--	< 5	0.72	15.6	0.2	0.1	45.4	< 0.1	4.2	14.0	0.2	92	110		
1073	201	--	< 5	0.72	86.2	0.6	< 0.1	72.2	< 0.1	11.2	114.5	5.8	124	100		
1074	201	--	< 5	0.32	25.6	0.4	0.2	23.8	< 0.1	4.4	23.5	< 0.2	59	40		
1075	201	--	< 5	0.14	33.0	< 0.2	< 0.1	25.2	< 0.1	3.6	5.5	< 0.2	81	30		
1076	201	--	< 5	0.76	2.8	0.2	< 0.1	28.8	< 0.1	2.2	10.0	< 0.2	13	20		
1077	201	--	< 5	0.20	14.6	< 0.2	< 0.1	25.4	0.1	4.8	8.5	1.4	52	60		
1078	201	--	< 5	0.88	4.2	< 0.2	< 0.1	23.4	< 0.1	1.2	6.5	< 0.2	40	70		
1079	201	--	< 5	0.24	55.0	0.2	< 0.1	36.8	< 0.1	16.0	16.5	3.4	133	70		
1080	201	--	< 5	1.96	23.0	0.2	0.1	24.0	< 0.1	12.4	24.5	3.4	63	130		
1081	201	--	< 5	0.08	121.0	< 0.2	< 0.1	13.0	< 0.1	0.4	0.5	< 0.2	25	40		
1082	201	--	< 5	0.44	34.6	0.8	0.4	104.5	< 0.1	7.8	22.0	1.2	160	130		
1083	201	--	< 5	1.20	25.2	0.4	1.1	108.0	0.1	11.4	19.0	0.2	347	240		
2144	201	--	< 5	0.24	143.0	0.4	0.9	34.4	< 0.1	10.6	21.5	11.6	116	40		
2145	201	--	< 5	0.20	8.8	0.2	< 0.1	23.8	< 0.1	2.6	14.0	< 0.2	83	20		
2146	201	--	< 5	0.06	3.0	< 0.2	< 0.1	22.0	< 0.1	0.4	8.0	< 0.2	67	40		
2147	201	--	< 5	0.18	2.8	< 0.2	< 0.1	24.0	0.1	0.8	5.5	< 0.2	53	30		
2148	201	--	< 5	0.04	6.4	< 0.2	< 0.1	27.0	< 0.1	0.4	5.5	< 0.2	58	20		

CERTIFICATION: Stewart Sadler

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SAMPLE	PREP CODE	Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb
2149	201 --	< 5	0.02	2.4	0.2	< 0.1	13.6	< 0.1	0.2	6.5	< 0.2	45	20
2150	201 --	< 5	0.02	1.8	0.2	< 0.1	14.6	< 0.1	0.2	6.0	< 0.2	47	20
2151	201 --	< 5	0.42	0.4	< 0.2	0.2	33.4	0.1	0.6	6.0	< 0.2	129	70
2152	201 --	< 5	0.02	0.6	0.2	< 0.1	14.8	< 0.1	0.4	4.5	< 0.2	64	20
2153	201 --	< 5	< 0.02	1.6	< 0.2	< 0.1	13.6	< 0.1	0.4	5.0	< 0.2	60	10
2154	201 --	< 5	0.04	2.8	< 0.2	< 0.1	18.4	< 0.1	0.4	6.5	< 0.2	64	10
2155	201 --	< 5	0.70	18.8	0.2	0.1	31.4	< 0.1	5.8	19.0	2.8	68	60
2156	201 --	150	0.98	13.4	0.4	< 0.1	11.2	< 0.1	8.4	45.0	2.8	46	10
2157	201 --	5	2.22	109.0	0.4	< 0.1	33.8	0.2	12.8	49.5	5.2	107	330
2158	201 --	< 5	1.08	33.6	0.2	< 0.1	36.2	< 0.1	5.8	17.5	0.8	103	100
2159	201 --	580	0.28	41.0	0.2	< 0.1	52.2	< 0.1	9.6	16.0	1.4	129	70
2198	201 --	< 5	0.40	4.4	0.2	0.1	18.0	< 0.1	1.6	8.5	< 0.2	82	30
2199	201 --	5	5.34	14.2	0.2	0.2	45.2	0.1	2.6	30.5	< 0.2	90	230
2249	-- --	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.	miss.
2646	201 --	20	1.10	61.0	0.6	0.1	91.2	< 0.1	9.2	55.0	6.0	140	160
2647	201 --	25	3.80	220	1.4	0.7	198.0	0.2	19.2	87.5	12.0	385	340
2648	201 --	450	0.46	29.0	0.8	0.3	15.4	< 0.1	< 0.2	2.0	< 0.2	50	40
2649	201 --	< 5	0.66	118.5	0.2	0.5	99.4	< 0.1	0.4	3.0	< 0.2	116	30
2650	201 --	< 5	2.28	83.4	0.4	< 0.1	64.6	0.1	26.2	32.0	3.2	162	310
2651	201 --	< 5	0.68	13.2	0.2	1.8	72.0	< 0.1	4.6	15.5	< 0.2	389	100
2652	201 --	< 5	1.52	42.8	< 0.2	1.4	136.5	0.2	11.4	20.5	< 0.2	893	290
2653	201 --	< 5	1.64	11.6	0.2	1.5	89.6	0.1	10.4	12.5	0.2	200	210
2654	201 --	< 5	1.72	105.5	0.4	0.1	86.2	0.2	45.0	66.0	6.6	320	340
2655	201 --	< 5	1.82	90.2	0.4	0.8	110.0	0.2	33.6	55.5	4.2	399	340
2656	201 --	< 5	0.86	8.6	< 0.2	2.3	69.6	< 0.1	0.6	10.0	< 0.2	115	50
2657	201 --	< 5	1.76	6.8	< 0.2	1.1	36.2	< 0.1	1.8	9.0	0.8	25	20
2658	201 --	< 5	0.52	55.2	0.4	0.3	70.8	< 0.1	21.2	38.0	0.8	284	70
2659	201 --	< 5	0.64	80.8	0.4	0.4	63.4	< 0.1	46.6	38.5	3.2	299	160
2660	201 --	< 5	0.84	115.5	0.8	0.4	167.5	0.1	33.6	37.0	2.0	321	190
2661	201 --	< 5	1.38	5.4	< 0.2	2.0	35.0	< 0.1	1.6	3.5	< 0.2	67	140
2662	201 --	< 5	1.78	19.0	0.2	0.7	130.0	< 0.1	7.4	36.5	0.2	197	170
2663	201 --	< 5	1.20	54.0	0.4	0.2	88.0	< 0.1	27.6	20.0	0.4	584	130
2664	201 --	< 5	0.24	42.4	1.6	0.2	6.6	< 0.1	1.4	3.0	< 0.2	164	40
2665	201 --	< 5	6.78	14.8	0.6	10.1	441	0.3	23.6	16.0	< 0.2	415	440
2666	201 --	< 5	0.26	6.2	< 0.2	2.2	26.6	< 0.1	1.4	5.5	< 0.2	397	40
2667	201 --	< 5	0.48	32.2	0.2	0.8	65.0	< 0.1	11.2	16.0	< 0.2	513	100
2668	201 --	< 5	0.02	11.0	0.4	< 0.1	43.4	< 0.1	0.2	4.0	< 0.2	37	110
2669	201 --	< 5	0.02	20.6	0.6	< 0.1	12.6	< 0.1	1.4	5.5	< 0.2	29	50
2670	201 --	< 5	0.02	9.2	0.4	< 0.1	6.4	< 0.1	0.4	5.0	< 0.2	32	30
2671	201 --	< 5	0.92	16.4	0.2	0.2	68.4	0.2	6.2	112.0	0.6	157	380

CERTIFICATION: Jan Burgess

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga,
Ontario, Canada L4W 2S3
PHONE: 905-624-2806

To: KENNECOTT CANADA, INC.
P.O. BOX 516, CANADA TRUST TOWER
4700 - 161 BAY STREET, BCE PLACE
TORONTO, ON
M5J 2S1

Project : K431
Comments: ATTN: J. BURGESS CC: J. BURGESS

Certificate Date: 30-SEP-94
Invoice No. : I9425719
P.O. Number :
Account : LZV

CERTIFICATE OF ANALYSIS A9425719

SAMPLE	PREP CODE		Au-AA ppb	Ag ppm	As ppm	Bi ppm	Cd ppm	Cu ppm	Hg ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Hg ppb		
2672	201	--	< 5	0.14	5.2	< 0.2	0.1	20.4	< 0.1	0.8	12.0	< 0.2	61	30		
2673	201	--	< 5	< 0.02	2.2	< 0.2	< 0.1	17.0	0.1	0.2	7.0	< 0.2	67	20		
2674	201	--	< 5	< 0.02	2.2	0.2	0.1	17.4	< 0.1	0.2	20.0	< 0.2	102	20		
2675	201	--	< 5	0.02	1.8	< 0.2	< 0.1	15.8	< 0.1	0.2	5.5	< 0.2	101	30		
2676	201	--	< 5	0.04	0.8	< 0.2	0.1	17.4	< 0.1	0.2	7.0	< 0.2	104	10		
2677	201	--	< 5	0.02	2.0	< 0.2	< 0.1	13.6	< 0.1	0.2	5.5	< 0.2	50	30		
2678	201	--	< 5	0.02	1.2	0.2	< 0.1	12.0	< 0.1	< 0.2	5.0	< 0.2	45	10		
2679	201	--	10	0.02	2.0	0.2	< 0.1	13.2	< 0.1	0.2	6.5	< 0.2	51	20		
2680	201	--	< 5	0.02	2.6	0.2	< 0.1	12.4	< 0.1	0.2	9.5	< 0.2	55	20		
2681	201	--	5	0.06	2.0	< 0.2	0.1	17.2	< 0.1	0.2	5.5	< 0.2	122	20		
2682	201	--	15	0.04	1.4	< 0.2	< 0.1	16.6	< 0.1	0.2	6.5	< 0.2	78	20		
2683	201	--	< 5	0.04	3.2	0.2	< 0.1	19.2	< 0.1	0.2	8.0	< 0.2	61	20		
2684	201	--	< 5	0.04	2.0	0.2	< 0.1	18.2	< 0.1	0.2	7.0	< 0.2	60	10		
2685	201	--	< 5	0.38	4.4	0.2	1.3	40.4	< 0.1	1.0	9.5	< 0.2	405	100		
2686	201	--	< 5	0.16	1.6	0.2	0.2	24.0	< 0.1	0.2	8.0	< 0.2	181	40		
2687	201	--	< 5	< 0.02	1.8	0.2	< 0.1	14.0	0.2	0.2	6.0	< 0.2	51	10		
2688	201	--	< 5	< 0.02	1.8	0.2	< 0.1	13.6	< 0.1	0.2	5.5	< 0.2	42	20		
2689	201	--	< 5	< 0.02	2.4	< 0.2	< 0.1	15.4	< 0.1	0.2	6.5	< 0.2	49	20		
2690	201	--	< 5	0.08	4.2	0.2	< 0.1	5.0	0.1	1.8	8.5	< 0.2	35	10		
2691	201	--	< 5	0.22	31.0	0.2	0.2	70.8	0.2	5.8	39.0	< 0.2	266	300		
2692	201	--	< 5	0.04	3.2	0.2	0.1	17.4	< 0.1	0.4	6.5	< 0.2	89	40		
2693	201	--	< 5	0.06	2.2	0.2	< 0.1	22.6	0.1	0.2	6.5	< 0.2	68	40		
2694	201	--	< 5	0.06	2.8	0.2	0.1	27.2	< 0.1	0.4	7.0	< 0.2	98	60		
2695	201	--	< 5	0.06	5.6	< 0.2	0.1	16.4	< 0.1	1.6	9.5	< 0.2	129	20		
2696	201	--	< 5	0.44	22.6	0.2	0.6	39.8	0.2	3.4	44.5	< 0.2	316	270		
2697	201	--	5	0.24	3.8	0.2	0.6	24.2	< 0.1	0.8	11.0	< 0.2	199	100		
2698	201	--	< 5	0.14	0.8	0.2	0.2	19.0	< 0.1	0.2	6.5	< 0.2	168	40		
2699	201	--	< 5	0.06	0.8	0.2	< 0.1	16.2	< 0.1	0.2	5.5	< 0.2	94	20		
2791	201	--	< 5	0.02	1.4	< 0.2	< 0.1	12.2	< 0.1	0.2	6.0	< 0.2	47	10		
2792	201	--	< 5	0.02	2.6	0.2	< 0.1	10.8	< 0.1	0.2	4.5	< 0.2	41	20		
2793	201	--	< 5	0.12	48.2	0.4	0.4	75.0	< 0.1	0.6	5.0	< 0.2	158	30		
2794	201	--	< 5	0.18	19.6	0.2	< 0.1	43.8	0.1	3.6	22.0	0.4	67	30		
2795	201	--	< 5	0.40	14.8	0.2	< 0.1	45.2	< 0.1	3.0	9.5	< 0.2	93	70		
2796	201	--	< 5	0.02	1.8	0.2	< 0.1	12.4	0.1	0.4	5.5	< 0.2	43	20		
2797	201	--	< 5	0.04	2.2	0.2	< 0.1	4.6	< 0.1	0.4	5.5	< 0.2	33	10		
2798	201	--	< 5	0.08	8.0	< 0.2	< 0.1	27.8	0.1	1.0	8.0	< 0.2	94	20		
2799	201	--	< 5	0.24	4.8	0.2	< 0.1	18.0	< 0.1	2.2	9.0	< 0.2	32	20		

CERTIFICATION: _____